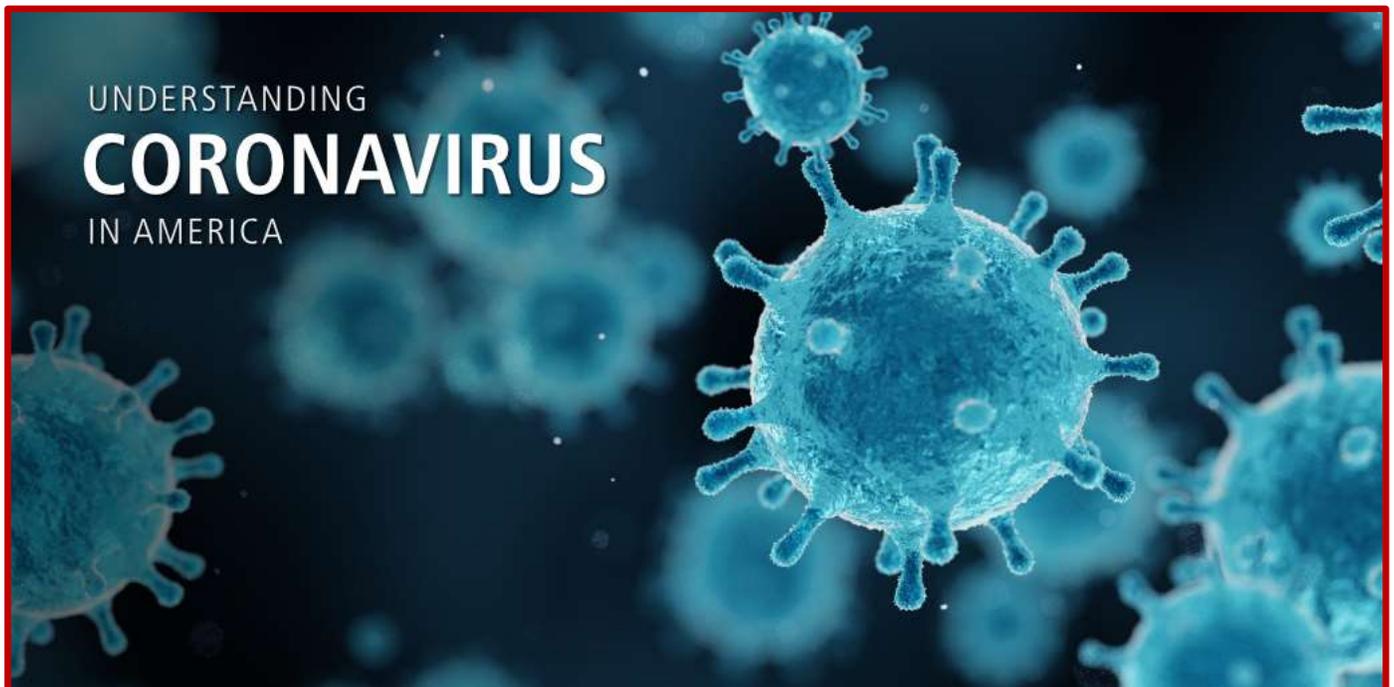


**Center for Economic and Social Research
Understanding America Study**



Methodology and Topline Results

**UAS 242 – Wave 4
April 29-May 26, 2020**

May 29, 2020 Release

Methodology

On April 1, 2020, USC's Center for Economic and Social Research (CESR) invited all active members of CESR's Understanding America Study (UAS) probability-based internet panel to participate in an ongoing coronavirus tracking survey. This methodology and topline is associated with participants in Wave 4 of the tracking survey, administered from April 29 to May 26, 2020.

Each panel member was randomized to respond on a pre-assigned day of the week, distributed so that a full sample is invited to participate over a 14-day period. Respondents have 14 days to complete the survey but receive an extra monetary incentive for completing the survey on the day they are invited to participate. Data for the full sample is thus final after a 28 day period. Microdata files are released after each full wave.

Los Angeles County residents answer once a week, alternating between a long form survey which is administered to everyone across the country every two weeks, and a short-form survey administered only to LA County residents every other week. For the subset of long form and short form survey questions that are identical, data for the full LA County sample is final after a 14 day period.

The design creates a sample that is updated daily, shown in corresponding graphs on our tracking survey website Covid19Pulse.usc.edu. These are refreshed just after 3am PST every day of the week. On the site, the viewer can choose to view aggregated results from our national sample, and from our Los Angeles County sub-sample. The graphs may be run for overall results, or among categories of age, race/ethnicity, gender, education, and income, when sample size allows. Results are suppressed for sample sizes less than 100 individuals.

We provide the aggregated data used to create the graphics in csv format, and the graphics files themselves are downloadable in several formats. Survey questionnaires, topline, microdata files, and a press room are available on our UAS Covid19 data site at uasdata.usc.edu/page/Covid-19+Home

Sample information

A total of 6,403 adult residents of the U.S. participated in this survey between April 29 and May 26, 2020 and are included in the data file; an average of roughly 450 per day. Most respondents (94.2%) participated on their assigned day, between April 29 and May 12, 2020. Margin of sampling error for the full sample is +/-1.

Specific sample sizes and sampling error information for subsamples are provided in the topline tables. Sampling error calculations are at the 95% confidence level. Factors other than sampling error may affect results of any survey, including question wording, question order, mode, sample type, population coverage, and impact of current events.

For more information about the UAS panel, including weighting details; panel sampling procedures; recruitment protocols, survey and recruitment response rates; panel attrition rates; panel management protocols; and microdata files (including nonresponse and paradata), please visit the Understanding America Study website at <https://UASdata.usc.edu>.

Survey and Data

Survey wording and question text are provided in this topline release, but for full wording, please refer to the associated codebook and questionnaire. For most questions, we rotated the order of response options, and/or questions to average out order effects. Respondents participated via computer, mobile device or tablet, at any time of day or night during the field period. The survey was conducted in the respondents' choice of English or Spanish.

Topline reports, codebook, and microdata associated with this release are available to registered UAS users at <https://uasdata.usc.edu/page/COVID-19+Corona+Virus>.

Survey Weights and Participation Rate

A total of 9,063 panel members were invited to participate in the tracking survey, including 8,547 panel members who were eligible to be included in the weighted sample for tracking poll data releases. Panel members included in the raw data (available upon request) but excluded from the weighted sample were recruited via listed sample for a specific project and are not included in the topline estimates, or in the associated data files. 7,232 panel members had consented to be included in the tracking survey as of the start date of April 29, 2020 and were invited to participate; 6,583 completed the survey, 50 started but did not complete it, resulting in a participation rate of 91% for this wave. Two hundred twenty-nine members of the listed sample were excluded from the final data file, resulting in a sample size of 6,354.

The method for creating sample weights for the tracking survey follows the general procedure for UAS surveys described [in CESR's online methodology documentation](#). Sample weights are constructed in two steps. First, we calculate a base weight that corrects for unequal probabilities of selection of different households into the UAS. Second, we generate post-stratification weights, which align sample distributions of key demographics, namely gender, race/ethnicity, age, education, and geographic location, with their population counterparts. Population benchmarks are derived from the Basic Monthly Current Population Survey (CPS). The provided sample weights bring the sample in line with the U.S. adult population, if the entire sample is used. The sample weights also provide alignment with the population of Los Angeles County residents, California residents excluding Los Angeles County, and U.S. excluding California, if these geographic sub-samples are selected.

Panel Information

The UAS is an ongoing national research panel that started in 2014. We recruit panel members in waves from Marketing Systems Group frames of all household addresses in the United States. To ensure full coverage of the U.S. population, we provide internet-connected tablets to households that were not already online. Our panel includes U.S. residents who have cell phones, landlines, or no phone at all. It also includes a small number of respondents recruited from a listed sample, these participants are not included in weighted samples. Panel members are compensated for their participation.

About the Center for Economic and Social Research

The Center for Economic and Social Research (CESR), part of the USC Dornsife College of Letters, Arts and Sciences, conducts basic and applied research in economics, psychology, demography, education, and sociology. The center's name signifies the breadth of the research, which encompasses numerous disciplines, topics and methodologies. The Center's multi-disciplinary philosophy fosters a productive and innovative research environment focused on understanding and informing important societal issues.

Survey Team

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For questions about this survey, please contact uas-l@usc.edu

The USC Dornsife Center for Economic and Social Research is a proud member of the American Association for Public Opinion Research's [Transparency Initiative](#). The survey was funded by the USC Dornsife College of Arts, Letters and Sciences.

Topline Report

Survey dates April 29 through May 26, 2020

Sample size 6,354 Adult U.S. Residents

This report provides the sample characteristics for the UAS 240 weighted national sample, as well as brief summaries of responses to the questions included in the UAS 240. Full questionnaires, data and other information are available at UASdata.usc.edu.

National Sample Characteristics

The table below summarizes select characteristics of the full National sample, with and without survey weights.

	National unweighted	National weighted
Male	42%	48%
Age(18-34)	19%	24%
Age(35-54)	38%	38%
Age(55-64)	20%	18%
Age(65+)	23%	20%
Low education (HS or less)	22%	38%
Medium education (Some College)	37%	28%
High education (College degree)	41%	34%
HH income (\$0-24,999)	19%	22%
HH income (\$25,000-49,999)	21%	23%
HH income (\$50,000-74,999)	20%	19%
HH income (\$75,000 and above)	40%	36%
Non-Hispanic White	67%	63%
Non-Hispanic Black	8%	12%
Non-Hispanic Asian	5%	5%
Non-Hispanic Other	5%	3%
Hispanic/Latino	15%	17%

Please refer to the topline results reported in the attached document for question-specific sample sizes and margins of sampling error. All differences among subgroups reported in media releases that use UAS 242 data are tested for statistical significance.

Survey introduction:

Thank you for agreeing to participate in our ongoing survey which focuses on the impact of the novel coronavirus (COVID-19). We will send you a reminder to check in once every fourteen days, on [day of the week], to let us know how the coronavirus epidemic is affecting you. Most of the questions in this survey were asked in previous surveys. Thank you for answering them accurately again, to ensure we always have the most updated information.

1 COVID-19 Symptoms, Testing, and Medical Care

cr001: Have you experienced any of the following symptoms in the past 7 days?

	N	1 Yes	2 No	3 Unsure
cr001a Fever or chills	6392	1.6	97.4	1.0
cr001b Runny or stuffy nose	6392	21.3	77.8	0.8
cr001c Chest congestion	6391	3.9	95.1	0.9
cr001d cough	6388	11.8	87.3	0.9
cr001e Sore throat	6393	5.0	94.0	1.0
cr001f Sneezing	6392	24.1	74.8	1.1
cr001g Muscle or body aches	6392	15.1	83.8	1.2
cr001h Headaches	6391	18.8	80.4	0.9
cr001i Fatigue or tiredness	6390	21.2	77.5	1.4
cr001j Shortness of breath	6391	6.3	92.7	1.0
cr001k Abdominal discomfort	6395	6.4	92.7	0.9
cr001l Vomiting	6393	1.0	98.3	0.7
cr001m Hair Loss	6388	2.5	96.5	1.0
cr001n Dry skin	6392	15.7	83.1	1.3
cr001o Body temperature higher than 100.4 F or 38.0 C	6390	0.8	97.7	1.5
cr001p Diarrhea	6393	5.7	93.6	0.7
cr001q Lost sense of smell	6392	1.3	97.8	0.9
cr001r Skin Rash	6392	3.1	96.1	0.8

MOSE = +/- 1

cr002: Have you been tested for coronavirus since [date of previous survey]? If so, what was the result?

	N	Tested Positive	Tested Negative	Tested Don't Know Result	Not Tested
cr002 Tested for COVID-19	6394	0.1	2.3	0.5	97.1

MOSE = +/- 1

cr005: Whether or not you have had a coronavirus test, has a doctor or another healthcare professional diagnosed you as having or probably having the coronavirus since [date of previous survey] ?

	N	1 Yes	2 No	3 Unsure
cr005 diagnosed with the coronavirus	6391	0.3	98.6	1.1

MOSE = +/- 1

If did not test positive (cr002) and cr005 does not equal one:

cr007: Do you think you have been infected with the coronavirus since [date of previous survey] ?

	N	1 Yes	2 No
cr007 think infected with coronavirus	6366	0.9	99.1

MOSE = +/- 1

If tested positive (cr002):

cr011: Have you contacted any of the following to inform them you have coronavirus since [date of previous survey] ?

	N	1 Yes	2 No
cr011 contacted a doctor, employer, family	76	27.6	72.4

MOSE = +/- 11

If cr011 equals one:

cr012: Who have you contacted since [date of previous survey] to let them know that you think you have coronavirus? Please check all that apply.

	N	1 Yes	2 No
cr012a A local health departments or hotline	22	34.8	65.2
cr012b Hospital or emergency room	22	8.8	91.2
cr012c My primary care doctor or another doctor	22	52.1	47.9
cr012d My employer, supervisor or school	22	79.8	20.2
cr012f Family or friends	22	80.9	19.1
cr012h Other contacted	22	8.7	91.3

MOSE = +/- 21

cr004: Whether or not you have been tested, or diagnosed, have you sought medical care for coronavirus since [date of previous survey] ?

	N	1 Yes	2 No
cr004 sought care	6388	0.7	99.3

MOSE = +/- 1

If cr004 equals one:

cr009: When you sought medical care for coronavirus since [date of previous survey] , where did you first seek care?

	N	0 No	1 Yes
cr009s1 Hospital or emergency room	45	82.6	17.4
cr009s2 Urgent care	45	74.5	25.5
cr009s3 My primary care doctor or another doctor	45	52.1	47.9
cr009s4 A local health department	45	100.0	0.0
cr009s5 Other, please specify: cr009_other	45	91.0	9.0
cr009s6 I did not seek care	45	94.2	5.8

MOSE = +/- 15

If sought care from anywhere (cr009):

cr010a: When you sought care from [location] did you obtain care?

	N	Yes In Person	Yes Phone or Video Visit	No, Did Not Obtain Care
cr010a_2_ Urgent care	7	4	2	1
cr010a_3_ My primary care doctor ir another doctor	21	10	10	1
cr010a_5_ Other	6	5	1	

Due to small sample size, observation numbers shown.

If sought care in person (cr010a):

cr010b: Did you call ahead before seeking care in person?

	N	1 Yes	2 No
cr010b_1_ Hospital or emergency room	6	3	3
cr010b_2_ Urgent care	4	1	3
cr010b_3_ My primary care doctor ir another doctor	10	10	
cr010b_4_ A local health department	1	1	

Due to small sample size, observation numbers shown.

cr013: Do you currently have health insurance?

	N	1 Yes	2 No	3 Unsure
cr013 have health insurance	6389	87.8	10.1	2.1

MOSE = +/- 1

2 COVID-19 Knowledge, Expectations, and Behaviors

cr015: In the last seven days, have you done the following:

	N	1 Yes	2 No	3 Unsure
cr015a Gone out to a bar, club, or other place where people gather	6385	1.8	97.5	0.8
cr015b Gone to the grocery store or pharmacy	6387	79.5	19.8	0.7
cr015c Gone to a friend, neighbor, or relatives residence (that is not your own)	6384	31.7	67.6	0.7
cr015d Had visitors such as friends, neighbors or relatives at your residence	6387	32.5	66.9	0.7
cr015e Attended a gathering with more than 10 people, such as a reunion, wedding, funer	6385	3.8	95.5	0.7
cr015f Sought care from a hospital or health care facility	6385	4.4	94.9	0.7
cr015g Been placed in isolation or quarantine	6383	4.4	94.5	1.1
cr015h Remained in your residence at all times, except for essential activities or exer	6385	62.5	36.3	1.2
cr015i Shared items like towels or utensils with other people	6387	19.6	79.3	1.1
cr015j Had close contact (within 6 feet) with people who live with you	6388	77.6	21.5	0.9
cr015k Had close contact (within 6 feet) with people who do not live with you	6387	45.4	53.1	1.5
cr015l Gone outside to walk, hike, or exercise	6385	76.9	22.4	0.7

MOSE = +/- 1

cr016: Which of the following have you done in the last seven days to keep yourself safe from coronavirus?

	N	1 Yes	2 No	3 Unsure
cr016b Washed your hands with soap or used hand sanitizer several times per day	6382	92.4	6.8	0.8
cr016c Canceled or postponed travel for work	6379	23.1	74.6	2.4
cr016d Canceled or postponed travel for pleasure	6380	44.7	53.6	1.6
cr016e Canceled or postponed work or school activities	6378	28.4	69.6	1.9
cr016f Canceled or postponed personal or social activities	6383	55.6	43.1	1.3
cr016g Visited a doctor	6383	9.0	90.1	0.9
cr016h Canceled a doctors appointment	6381	25.1	73.7	1.2
cr016i Stockpiled food or water	6382	20.3	78.7	1.1
cr016j Avoided contact with people who could be high-risk	6382	80.0	16.6	3.4
cr016k Avoided public spaces, gatherings, or crowds	6379	83.0	16.0	1.0
cr016l Prayed	6379	61.8	36.8	1.4
cr016m Avoided eating at restaurants	6380	79.5	19.5	1.0
cr016n Stockpiled hand sanitizer or disinfectant wipes	6379	14.0	85.2	0.8
cr016o Worked or studied at home	6382	46.1	51.9	2.0
cr016p Worn a mask or other face covering	6383	80.7	18.6	0.7
cr016r Stockpiled medication	6382	8.5	90.4	1.1

MOSE = +/- 1 cr016a and cr016q do not exist.

cr017: Have Federal, state, or local governments encouraged you to limit non-essential travel?

	N	1 Yes	2 No	3 Unsure
cr017 currently federal, state, or local governments encouraged to limit non-essential	6386	86.6	7.3	6.2

MOSE = +/- 1

cr018: Have Federal, state, or local governments required you to limit non-essential travel?

	N	1 Yes	2 No	3 Unsure
cr018 currently federal, state, or local governments required to limit non-essential t	6383	57.9	29.7	12.4

MOSE = +/- 1

cr019: How effective are the following actions for keeping you safe from coronavirus?

	N	Extremely Ineffective	Somewhat Ineffective	Somewhat Effective	Extremely Effective	Unsure
cr019a Wearing a face mask such as the one shown here	6370	3.8	6.2	37.9	46.2	5.9
cr019b Praying	6371	21.6	7.7	18.9	38.5	13.3
cr019c Washing your hands with soap or hand sanitizer	6370	3.4	1.2	18.0	74.8	2.5
cr019d Seeing a doctor if you feel sick	6373	4.7	14.1	41.7	32.9	6.6
cr019e Seeing a dr if healthy but worry you were exposed	6375	25.5	24.8	26.5	14.8	8.4
cr019f Avoiding public spaces, gatherings, and crowds	6372	3.9	3.0	22.4	68.2	2.7
cr019g Avoiding contact with people who could be high-risk	6374	3.9	2.2	17.7	73.3	3.0
cr019h Avoiding hospitals and clinics	6373	4.0	5.8	36.1	49.3	4.8
cr019i Avoiding restaurants	6372	3.7	5.2	34.7	52.5	3.9
cr019j Avoiding travel	6369	3.4	5.6	32.4	55.2	3.5

MOSE = +/- 1

cr020: How safe or unsafe are the following actions for avoiding exposure to coronavirus?

	N	Extremely Safe	Somewhat Safe	Somewhat Unsafe	Extremely Unsafe	Unsure
cr020a Grocery shopping	6377	3.3	30.1	53.6	9.4	3.5
cr020b Attending gatherings of more than 100 people	6375	3.7	4.2	12.9	76.2	3.1
cr020c Going to the hospital	6378	2.5	14.0	43.1	36.2	4.2
cr020d Dining in at restaurants	6375	2.2	7.6	33.0	53.7	3.5
cr020e Eating take-out meals from restaurants	6375	8.5	51.0	30.2	5.4	5.0
cr020f Visiting with relatives or friends in their home	6379	3.3	22.0	48.3	22.3	4.0
cr020g Handling packages that have been delivered	6374	4.9	33.5	49.4	6.7	5.6
cr020h Playing on playground equipment	6375	2.3	9.3	35.0	48.7	4.7
cr020i Touching door knobs, other surfaces in your home	6373	23.2	38.9	23.9	10.2	3.8
cr020j Interacting closely with other members of your HH	6377	28.0	47.7	15.5	4.3	4.5
cr020k Going outside to walk, hike, or exercise	6376	37.0	46.1	11.3	2.1	3.4

MOSE = +/- 1

cr021: We'd like to ask about your family, as well as your close friends. How many family or close friends do you have? Only include people who are still alive, regardless of where they live.

	N	mean
cr021 how many family or close friends	6341	34.9

MOSE = +/- 1

cr022: You said that you have [number of friends] family and close friends. Of these people, how many do you think have been infected with the coronavirus?

	N	mean
cr022 infected how many family or close friends	6279	0.7

MOSE = +/- 1

cr022a: You said that you have [number of friends] family and close friends. Of these people, how many do you think have been hospitalized (spent at least one night in the hospital) from the coronavirus?

	N	mean
cr022a hospitalized how many family or close friends	6281	0.1

MOSE = +/- 1

cr022b: You said that you have [number of friends] family and close friends. Of these people, how many do you think have died from the coronavirus?

	N	mean
cr022b died how many family or close friends	6278	0.0

MOSE = +/- 1

3 COVID-19 Risk Perceptions

cr023: On a scale of 0 to 100 percent, what is the chance that you will get the coronavirus in the next three months? If you are not sure, please give your best guess.

	N	mean
cr023 chance get coronavirus in next 3 months	6370	24.1

MOSE = +/- 1

cr023b: If you do get the coronavirus, what is the percent chance you will be hospitalized (spend at least one night in the hospital) from it? If you're not sure, please give your best guess.

	N	mean
cr023b chance hospitalized if get coronavirus	6369	28.9

MOSE = +/- 1

cr024: If you do get the coronavirus, what is the percent chance you will die from it? If you're not sure, please give your best guess.

	N	mean
cr024 chance die from coronavirus	6365	20.8

MOSE = +/- 1

cr025: Do you agree or disagree with the following statements? The childhood vaccines, such as those for measles and chickenpox:

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
cr025a have many known harmful side effects	6373	25.8	49.1	20.7	4.4
cr025b Provide important benefits to society	6375	2.3	4.2	38.2	55.3
cr025c may lead to illness and death	6372	31.8	46.0	18.5	3.7
cr025d are useful and effective	6375	2.5	4.6	38.2	54.7

MOSE = +/- 1

cr030: How likely are you to get vaccinated for coronavirus once a vaccine is available to the public?

	N	1	2	3	4	5
cr030 how likely to get vaccinated for coronavirus once vaccination	6375	15.6	7.2	20.0	45.7	11.5

MOSE = +/- 1

cr031: Do you agree or disagree with the following statements?

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
cr031a Most people believe that people with coronavirus are dangerous	6342	15.4	16.2	39.0	29.5
cr031b Most people believe that people who used to have coronavirus are dangerous	6344	27.9	37.6	29.3	5.3
cr031c Most people believe that having coronavirus is a sign of personal weakness	6343	60.0	27.5	10.6	2.0
cr031d If I caught the coronavirus, I would consider it a sign of my personal weakness	6344	74.0	16.6	7.3	2.1

MOSE = +/- 1

Note: For questions cr031a-d, an error in administration required removal of a small number of respondents who were presented with an obsolete version of this question in Spanish. Those responses were removed and the table was updated on 6/30/20.

4 Mental Health, Physical Health, and Substance Abuse

cr026: Out of the past 7 days, what is your best estimate of the number of days that you did each of the following activities?

	N	0	1	2	3	4	5	6	7
cr026a Drank alcohol	6376	53.7	12.0	9.4	7.7	4.5	4.2	1.5	6.9
cr026b Used cannabis products such as marijuana	6376	87.7	1.5	1.7	1.0	0.8	0.9	0.7	5.8
cr026c Used recreational drugs other than alcohol or cannabis products	6374	95.6	0.6	0.9	0.4	0.5	0.6	0.2	1.2
cr026d Meditated	6370	64.7	6.0	5.5	5.7	3.3	3.3	1.6	9.9
cr026e Got exercise	6377	12.6	7.3	13.1	15.8	13.4	13.3	5.1	19.4
cr026f Made time to relax	6373	7.1	7.7	10.7	11.7	8.3	10.1	4.0	40.3
cr026g Connected socially with friends or family	6374	10.5	6.5	10.3	12.0	8.1	9.4	4.6	38.7
cr026h Spent time posting or browsing on Facebook, Twitter, Instagram, or Sn	6371	23.9	4.8	4.0	4.9	4.7	5.2	4.1	48.4
cr026i Had a phone call or video call with a family member or a friend	6373	9.4	8.9	14.1	14.9	10.1	10.4	4.2	28.0
cr026j Messaged or emailed with a family member or friend	6375	11.2	4.9	7.7	8.8	9.3	10.2	4.8	43.2
cr026k Spent time interacting with a family member or friend in person	6376	16.9	9.9	9.7	6.9	4.7	4.6	2.3	45.0
cr026l Smoked all or part of a cigarette	6376	84.5	0.6	0.8	0.9	0.6	0.6	0.4	11.7
cr026m Used an e-cigarette or vaping device to vape e-liquids with nicotine	6376	94.7	0.5	0.5	0.5	0.5	0.4	0.2	2.8

MOSE = +/- 1

If Facebook/Twitter/Instagram/Snapchat>0:

cr049: How often do you perform the following activities when you are on Facebook, Twitter, Instagram or Snapchat

	N	Never	Rarely	Sometimes	Somewhat Frequently	Very frequently
cr049a Browsing passively (without liking or commenting on anything)	4916	4.3	10.5	33.8	23.6	27.9
cr049b Browsing actively (liking and commenting on posts, pictures, and updates)	4916	5.2	20.3	38.4	21.3	14.9
cr049c Sending messages or chatting with others	4917	7.2	24.7	35.1	16.0	17.1

MOSE = +/- 1

If cr026a greater than zero:

cr026a2: In the past seven days, how many alcoholic drinks did you have on a typical day when you drank alcohol?

	N	mean
cr026a2 how many alcoholic drinks on typical day	3043	2.5

MOSE = +/- 2

cr050m: [if respondent drank alcohol more than zero days and respondent is male] In the past seven days, on how many days did you drink 5 or more alcoholic beverages within a couple of hours?

	N	mean
cr050m male 5 or more alcoholic beverages within a couple of hours	1416	0.7

MOSE = +/- 3

cr050f: [if respondent drank alcohol more than zero days and respondent is female] In the past seven days, on how many days did you drink 4 or more alcoholic beverages within a couple of hours?

	N	mean
cr050f female 4 or more alcoholic beverages within a couple of hours	1631	0.5

MOSE = +/- 2

cr051: [if days of cannabis>0] What is the content of the cannabis products that you typically use?

	N	High THC	High CBD	Balanced THC and CBD	Unsure
cr051 contents of cannabis	723	42.1	5.7	23.7	28.6

MOSE = +/- 4

cr052: [if days of cannabis>0] In the past 7 days, how did you use cannabis products?

	N	1 Yes	2 No	3 Unsure
cr052a Smoked in a pipe, joint, or bong	723	72.5	24.2	3.3
cr052b Vaped marijuana, THC, or CBD oils or concentrates	721	23.7	72.3	4.0
cr052c Dabbed	722	7.5	88.0	4.5
cr052d Ingested edibles	722	28.1	68.7	3.2
cr052e Oil	720	14.7	80.9	4.4
cr052f Patches, gels, balms, or lotions	722	5.7	90.3	4.0
cr052g Other	723	5.2	87.3	7.5

MOSE = +/- 4

cr027: Over the past fourteen days, how often have you been bothered by any of the following problems?

	N	Not at All	Several Days	More than Half	Nearly Everyday
cr027a how often Feeling nervous, anxious, or on edge	6367	54.6	32.2	7.6	5.7
cr027b how often Not being able to stop or control worrying	6372	67.8	22.0	5.9	4.3
cr027c how often Feeling down, depressed, or hopeless	6372	65.3	25.3	5.2	4.2
cr027d how often Little interest or pleasure in doing things	6371	65.9	24.3	5.8	4.0

MOSE = +/- 1

cr028: In the past fourteen days, how often have you felt:

	N	Never	Almost Never	Sometimes	Fairly Often	Very Often
cr028a That you were unable to control the important things in your life	6371	40.0	21.7	26.3	7.7	4.3
cr028b Confident about your ability to handle personal problems	6369	9.1	6.4	22.3	33.8	28.4
cr028c That things were going your way	6370	6.7	10.0	41.0	30.7	11.6
cr028d Difficulties were piling up so high that you could not overcome them	6372	46.2	27.3	19.9	4.2	2.4

MOSE = +/- 1

cr053: How strongly do you agree with each of the following?

	N	1 Strongly disagree	2 Disagree	3 Neutral	4 Agree	5 Strongly agree
cr053a I tend to bounce back quickly after hard times	6368	2.4	10.2	27.9	45.9	13.7
cr053b I have a hard time making it through stressful events	6367	19.3	41.5	23.0	13.2	3.0
cr053c It does not take me long to recover from a stressful event	6365	4.1	14.6	26.9	43.7	10.6
cr053d It is hard for me to snap back when something bad happens	6368	18.7	42.9	22.8	13.2	2.5
cr053e I usually come through difficult times with little trouble	6368	3.0	12.6	29.8	44.2	10.5
cr053f I tend to take a long time to get over set-backs in my life	6366	18.7	42.7	24.2	12.1	2.4

MOSE = +/- 1

cr054: Have you ever been told by a doctor, nurse, or other health professional that you have any of the following medical conditions?

	N	0 No	1 Yes
cr054s1 Diabetes	6326	87.6	12.4
cr054s2 Cancer (other than skin cancer)	6326	94.1	5.9
cr054s3 Heart disease	6326	93.5	6.5
cr054s4 High blood pressure	6326	68.4	31.6
cr054s5 Asthma	6326	88.3	11.7
cr054s6 Chronic lung disease such as COPD or emphysema	6326	95.6	4.4
cr054s7 Kidney disease	6326	97.3	2.7
cr054s8 Autoimmune disorder such as rheumatoid arthritis or Crohns Disease	6326	94.5	5.5
cr054s9 A mental health condition	6326	89.1	10.9
cr054s10 Obesity	6326	83.3	16.7
cr054s11 None of the above	6326	56.9	43.1

MOSE = +/- 1

If answers to cr054 are Yes:

cr055: Did the doctor or other health professional first say that you have [CONDITION] before or after March 10, 2020?

	N	Before March 10, 2020	After March 10, 2020	Unsure
cr055a diabetes	773	97.6	0.6	1.9
cr055b cancer (other than skin cancer)	448	95.7	1.9	2.4
cr055c heart disease	418	98.0	1.1	0.9
cr055d high blood pressure	2026	98.2	0.9	0.8
cr055e asthma	732	98.4	0.8	0.9
cr055f chronic lung disease such as COPD or emphysema	258	99.1	0.3	0.6
cr055g kidney disease	169	94.9	1.1	3.9
cr055h an autoimmune disorder such as rheumatoid arthritis or Crohns disease	387	97.2	1.2	1.6
cr055i a mental health condition	707	97.7	1.2	1.1
cr055j obesity	1140	97.2	1.0	1.9

MOSE = +/- 3

cr056: Which of the following mental health conditions has a doctor or another health professional ever told you that you have?

	N	1 Yes	2 No	3 Unsure
cr056a An anxiety disorder	6357	16.6	80.3	3.1
cr056b Attention deficit hyperactivity disorder (ADHD)	6360	4.7	92.9	2.4
cr056c Bipolar disorder	6356	3.6	94.3	2.1
cr056d An eating disorder	6358	2.1	96.1	1.9
cr056e Depression or another depressive disorder	6359	20.1	77.6	2.4
cr056f Obsessive-compulsive disorder (OCD)	6360	3.4	93.9	2.7
cr056g Post-traumatic stress disorder (PTSD)	6354	6.6	90.8	2.6
cr056h Schizophrenia or another psychotic disorder	6355	0.8	97.5	1.7
cr056i other mental issue	6247	2.4	91.8	5.8

MOSE = +/- 1

cr058: In the past 7 days, how often have you felt lonely?

	N	Not at all or less than 1 day	1-2 days	3-4 days	5-7 days
cr058 how often have you felt lonely	6369	65.5	19.4	8.6	6.5

MOSE = +/- 1

cr059: Have you received any of the following services from a mental health provider in the past 14 days?

	N	1 Yes	2 No	3 Unsure
cr059a An in-person appointment	6368	2.5	96.1	1.4
cr059b A live video, phone, or chat interaction	6368	9.3	89.4	1.2
cr059c Non-live communication (such as by email)	6368	5.2	93.4	1.4

MOSE = +/- 1

Under each heading, please check the ONE box that best describes your health TODAY:

he001: mobility

	N	I have no problems walking	I have slight problems walking	I have moderate problems walking	I have severe problems walking	I am unable to walk
he001 mobility	6366	79.0	12.5	6.1	1.8	0.5

MOSE = +/- 1

he002: self-care

	N	I have no problems washing or dressing	I have slight problems washing or dressing	I have moderate problems washing or dressing	I have severe problems washing or dressing	I am unable to wash or dress myself
he002 self-care	6366	94.1	3.8	1.5	0.3	0.3

MOSE = +/- 1

he003: usual activities

	N	I have no problems doing my usual activities	I have slight problems doing my usual activities	I have moderate problems doing my usual activities	I have severe problems doing my usual activities	I am unable to do my usual activities
he003 usual activities	6366	82.5	11.3	4.8	1.1	0.3

MOSE = +/- 1

he004: pain or discomfort

	N	I have no pain or discomfort	I have slight pain or discomfort	I have moderate pain or discomfort	I have severe pain or discomfort	I have extreme pain or discomfort
he004 pain discomfort	6365	48.9	33.5	13.0	3.5	1.1

MOSE = +/- 1

he005: anxiety or depression

	N	I am not anxious or depressed	I am slightly anxious or depressed	I am moderately anxious or depressed	I am severely anxious or depressed	I am extremely anxious or depressed
he005 anxiety depression	6364	65.6	22.2	9.2	1.9	1.1

MOSE = +/- 1

he006: We would like to know how good or bad your health is TODAY. The scale is numbered from 0 to 100. 100 means the best health you can imagine. 0 means the worst health you can imagine. Indicate on the scale how your health is TODAY.

	N	mean
he006 self-evaluation of health	6365	77.0

MOSE = +/- 1

5 Discrimination and Stigma

cr029: Have any of the following things happened to you due to people thinking you might have the coronavirus since [date of previous survey] ?

	N	1 Yes	2 No	3 Unsure
cr029a You were treated with less courtesy and respect than other people	6367	4.2	93.1	2.7
cr029b You received poorer service than other people at restaurants or stores	6367	2.2	95.1	2.7
cr029c People acted as if they were afraid of you	6367	5.6	91.3	3.0
cr029d You were threatened or harassed	6368	0.9	97.2	1.8

MOSE = +/- 1

6 Economic and Food Security

If respondent reported having a job in the previous survey:

lr001: The next set of questions are about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

You told us on on [date of previous survey] that you had a job. Which statement best reflects your current employment status:

	N	1 Same Job	2 Lost Job and Looking	3 Temp Laid Off	4 Sick or Other Leave	5 Working at Different Job	None
lr001 employment status	3146	95.5	0.6	1.1	0.7	0.5	1.6

MOSE = +/- 2

If lr001 equals three, four, or five:

lr002: Are you still receiving benefits such as health insurance through your former job?

	N	1 Yes	2 No	3 Unsure
lr002 still receiving benefits	71	31.6	61.2	7.2

MOSE = +/- 12

If respondent reported not having a job in the previous survey:

lr003: You told us on on [date of previous survey] that you did not have a job. Which statement best reflects your current employment status:

	N	Still no Job	Now have job	None of these	4	5
lr003 employment status prev no job	2558	43.0	2.0	8.7	37.7	8.6

MOSE = +/- 2

If respondent reported being temporarily laid off in the previous survey:

lr003aa: You told us on since [date of previous survey] that you were temporarily laid off from your job. Which statement best reflects your current employment status?

	N	Resumed	Still Laid Off	Lost Job and Looking	Sick or Other Leave	New Job	None
lr003aa job status after laid off	442	12.6	79.6	3.0	1.0	1.3	2.5

MOSE = +/- 5

If respondent reported being on sick or other leave in the previous survey:

lr003bb: You told us on since [date of previous survey] that you were on sick leave or other leave from your job. Which statement best reflects your current employment status?

	N	Resumed	Still on Leave	Lost Job and Looking	Temp Laid Off	New Job	None
lr003bb job status after sick leave	133	16.2	64.4	0.6	9.2	0.8	8.8

MOSE = +/- 8

Filled based on responses from lr001 through lr003bb:

lr004: Do you currently have a job?

	N	1 Yes	2 No
lr004 r currently has a job	6372	50.7	49.3

MOSE = +/- 1

The following questions (lr005 through lr015) only asked of respondents with jobs.

The next set of questions ask about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

lr005: In your primary job, are you self-employed or do you work for an employer?

	N	Self Employed	Work for Employer	Other
lr005 self employed or work for employer	3208	9.7	89.4	0.9

MOSE = +/- 2

lr019: Do any of the following describe your primary job? Please check all that apply.

	N	0 No	1 Yes
lr019s1 Independent contractor	3205	90.3	9.7
lr019s2 On-call worker or day laborer	3205	95.9	4.1
lr019s3 Temporary agency worker	3205	99.6	0.4
lr019s4 Contract company worker	3205	88.1	11.9
lr019s5 None of the above	3205	25.2	74.8

MOSE = +/- 2

lr006: Out of the past seven days, how many days did you work at your job?

	N	0	1	2	3	4	5	6	7
lr006 how many day work past seven days	3208	3.7	1.7	2.7	6.6	9.7	56.6	9.9	9.2

MOSE = +/- 2

lr008: Think of every day you worked in the past seven days. How many total hours did you work for pay across all the days?

	N	mean
lr008 home many hours work for pay past 7 days	3204	35.9

MOSE = +/- 2

lr009: Have your work hours been reduced since [date of previous survey] ?

	N	1 Yes	2 No	3 Unsure
lr009 hours reduced since previous survey	3208	16.3	82.3	1.4

MOSE = +/- 2

If lr005 equals two:

lr020: Has your employer instructed you to work from home?

	N	1 Yes	2 No	3 Unsure
lr020 employer instructed you to work from home	2835	43.8	55.5	0.7

MOSE = +/- 2

lr007: Out of the past seven days, how many days did you work from home?

	N	0	1	2	3	4	5	6	7
lr007 how many day work from home past seven days	3208	50.7	2.8	3.5	3.6	4.3	24.6	2.8	7.7

MOSE = +/- 2

lr010: How frequently are you paid for your job?

	N	Monthly	Biweekly	Weekly	Daily	Other
lr010 how frequently paid	3208	11.3	61.7	18.1	0.8	8.1

MOSE = +/- 2

lr011: What was the amount on your most recent paycheck?

	N	mean
lr011 amount most recent paycheck	3155	4404.8

MOSE = +/- 2

lr012: Is that amount before or after taxes were withheld?

	N	1 Before taxes (gross)	2 After taxes (net)	3 Unsure
lr012 amount before or after taxes	3185	19.6	76.4	3.9

MOSE = +/- 2

lr013: If you get sick, how many days can you stay home from your job and still get paid?

	N	1 0	2 1-7	3 8-14	4 More than 14
lr013 how may days stay home and still get paid	3205	24.4	25.8	14.7	35.0

MOSE = +/- 2

If lr013 greater than one and lr005 equals two:

lr014: Do you require your employers permission to use these sick days?

	N	1 Yes	2 No	3 Unsure
lr014 require permission to use sick days	2325	50.0	43.9	6.1

MOSE = +/- 2

lr015: The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

What is the percent chance that you will lose your job because of the coronavirus within the next three months?

	N	mean
lr015 percent chance you lose your job	3207	13.9

MOSE = +/- 2

The following questions (lr016 through lr018) only asked of respondents without jobs:

lr016: Have you received unemployment insurance benefits in the past fourteen days?

	N	1 Yes	2 No	3 Unsure
lr016 received unemployment insurance past 14 days	3159	9.4	88.2	2.4

MOSE = +/- 2

If lr016 equals one:

lr017: How much did you receive in unemployment insurance in your most recent payment?

	N	mean
lr017 amount unemployment insurance	330	871.2

MOSE = +/- 5

If lr016 equals two:

lr018: Why havent you received unemployment insurance benefits? Mark all that apply.

	N	0 No	1 Yes
lr018s1 My former employer has not made me eligible	2815	96.9	3.1
lr018s2 I am not eligible for other reasons	2815	46.9	53.1
lr018s3 I am unsure how to apply	2815	97.7	2.3
lr018s4 I was approved but I havent been paid yet	2815	96.7	3.3
lr018s5 I applied and was rejected	2815	97.4	2.6
lr018s6 I decided not to apply	2815	90.4	9.6
lr018s7 Other	2815	67.0	33.0

MOSE = +/- 2

lr019a: Thinking back to February 2020, were you employed by the government, employed by a private company, employed by a nonprofit organization, self-employed, not employed or retired?

	N	Government	Private-for-profit company	Non-profit organization	Self-employed	Not employed	Retired
lr019a February 2020 employment type	6360	13.4	34.0	7.6	8.2	19.3	17.5

MOSE = +/- 1

If lr019a = 1, 2, 3:

lr021: About how many employees (including yourself) worked for this company or organization? If the company or organization has more than one location, add up all employees at the different locations.

	N	Less than 5	5-14	15-24	25-49	50-99	100-499	500-1,000	1,000-5,000	5,000-50,000	More than 50,000	Unsure
lr021	3481	4.7	7.7	5.0	7.0	7.5	15.0	9.1	11.4	15.0	10.3	7.4

MOSE = +/- 2

If lr019a=4:

lr022: Including yourself, how many people worked in your business or organization in February 2020?

	N	Just me	2-4	5-14	15-24	25-49	50-99	100-499	500-1,000	1,000-5,000	5,000-50,000	More than 50,000	Unsure
lr022	575	55.8	22.1	7.7	3.2	1.2	0.3	1.3	1.2	1.6	0.4	1.3	4.1

MOSE = +/- 4

If lr019a = 1, 2, 3, 4:

lr020a: Some people have jobs that require them to interact with people face to face in the same location. Thinking back to

February 2020, how often did your job require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?

	N	1 Never	2 Less than once per week	3 1-2 times per week	4 Several times per week	5 Nearly every day	6 Every day
lr020a	4057	15.5	6.9	6.0	11.5	16.7	43.5

MOSE = +/- 2

lr026: [if respondent currently has a job] How often does your job currently require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?

	N	Never	Less than once per week	1-2 times per week	Several times per week	Nearly every day	Every day
lr026	3208	37.0	8.0	6.7	8.9	12.2	27.2

MOSE = +/- 2

If lr019a = 1, 2, 3, 4:

lr023: To encourage social distancing, some governments have imposed restrictions on some businesses and organizations. Since February 2020, has the government imposed any of the following restrictions on businesses or organizations like yours.

	N	1 Yes	2 No	3 Unsure
lr023a Ordered them to close completely	6341	27.4	57.9	14.7
lr023b Ordered them to substantially limit operations	6341	41.2	43.3	15.5
lr023c Ordered employees to work from home	6343	38.7	44.4	16.9

MOSE = +/- 1

lr024a: [if close completely = yes] Has the government allowed businesses or organizations like yours to reopen?

	N	Yes, completely	Yes, partially or with restrictions	No	Unsure
lr024a	1797	7.6	34.2	42.2	16.0

MOSE = +/- 2

lr024b: [if substantially limit = yes] Has the government allowed businesses or organizations like yours to resume normal operations?

	N	Yes, completely	Yes, partially or with restrictions	No	Unsure
lr024b	2647	6.9	40.6	40.0	12.5

MOSE = +/- 2

lr024c: [if work from home = yes] Has the government allowed employees to stop working from home?

	N	Yes	No	Unsure
lr024c	2557	12.1	62.3	25.6

MOSE = +/- 2

lr025: [if lr019=1,2,3,4] Has the government identified your business or organization as "essential" during the coronavirus epidemic?

	N	Yes	No	Unsure
lr025	4057	60.9	27.1	12.0

MOSE = +/- 2

The following questions are asked of all respondents:

ei001: The coronavirus may cause economic challenges for some people regardless of whether they are actually infected. What is the percent chance you will run out of money because of the coronavirus in the next three months?

	N	mean
ei001 chance run out of money	6356	19.0

MOSE = +/- 1

ei002: In the past seven days, were you worried you would run out of food because of a lack of money or other resources?

	N	1 Yes	2 No	3 Unsure
ei002 worried you would run out of food	6362	7.7	89.5	2.7

MOSE = +/- 1

ei003: In the past seven days, did you eat less than you thought you should because of a lack of money or other resources?

	N	1 Yes	2 No	3 Unsure
ei003 did you eat less	6362	7.2	90.7	2.1

MOSE = +/- 1

ei004: In the past seven days, did you go without eating for a whole day because of a lack of money or other resources?

	N	1 Yes	2 No	3 Unsure
ei004 did you go without eating	6361	2.4	96.1	1.5

MOSE = +/- 1

7 Social Safety Nets

ei005: In the past month, did you or anyone in your household receive any of the following government benefits?

	N	1 Yes	2 No	3 Unsure
ei005a Medicaid	6348	14.5	82.5	3.0
ei005b Medicare	6356	25.3	71.5	3.2
ei005c Social Security	6351	26.4	71.5	2.1
ei005d Supplemental Security Income (SSI)	6355	5.7	92.0	2.3
ei005e Social Security Disability Insurance (SSDI)	6357	8.2	89.7	2.0
ei005f Special Supplemental Assistance Program for Women, Infants, and Children (WIC)	6352	3.5	94.8	1.6
ei005g Temporary Assistance for Needy Families (TANF)	6350	0.8	97.3	1.9
ei005h Supplemental Nutrition Assistance Program (SNAP or Food Stamps)	6352	13.4	84.9	1.7
ei005i Childrens Health Insurance Program (CHIP)	6351	2.1	96.0	1.9
ei005j Housing Assistance (e.g. Section 8 or vouchers)	6350	1.6	96.9	1.5
ei005k Earned Income Tax Credit (EITC)	6353	2.9	94.4	2.6
ei005l Economic stimulus funds	6356	54.8	42.4	2.8
ei005m Aid for people or businesses affected by the coronavirus epidemic	6352	3.5	94.1	2.4

MOSE = +/- 1

If ei005h equals one:

ei006: Were you able to use your SNAP (Food Stamps) benefits at the grocery store?

	N	1 Yes	2 No	3 I did not try
ei006 able to use SNAP	713	96.3	1.0	2.7

MOSE = +/- 4

8 Housing and Debt

ei007: Did you file a tax return this year or last year?

	N	1 Yes	2 No	3 Unsure
ei007 file tax return	6365	83.4	15.1	1.5

MOSE = +/- 1

ei008: Do you owe money on student loans?

	N	1 Yes	2 No
ei008 owe money on student loans	6362	18.4	81.6

MOSE = +/- 1

If ei008=1:

ei009: Have you received permission from your lender to delay or reduce payment on your student loans?

	N	1 Yes	2 No
ei009 permission to delay payment on student loans	1194	62.4	37.6

MOSE = +/- 3

If ei008=1:

ei010: In the past month, did you miss or delay payment on your student loans, or did you pay less than the full amount?

	N	1 Yes	2 No
ei010 missed payment in the past	1194	37.3	62.7

MOSE = +/- 3

ei011: Do you have a mortgage?

	N	1 Yes	2 No
ei011 do you have a mortgage	6360	38.1	61.9

MOSE = +/- 1

If ei0011=1:

ei012: Have you received permission from your lender to delay or reduce payment on your mortgage?

	N	1 Yes	2 No
ei012 permission to delay mortgage payment	2587	18.9	81.1

MOSE = +/- 2

If ei011=1:

ei013: In the past month, did you miss or delay payment on your mortgage, or did you pay less than the full amount?

	N	1 Yes	2 No
ei013 past month delay payment on mortgage	2587	8.4	91.6

MOSE = +/- 2

ei014: Do you rent your primary residence?

	N	1 Yes	2 No
ei014 rent primary residence	6361	29.5	70.5

MOSE = +/- 1

If ei014=1:

ei015: Have you received permission from your landlord to delay or reduce payment of your rent?

	N	1 Yes	2 No
ei015 permission to delay or reduce rent payment	1889	15.4	84.6

MOSE = +/- 2

if ei014=1:

ei016: In the past month, did you miss or delay payment of your rent, or did you pay less than the full amount?

	N	1 Yes	2 No
ei016 past month missed or delay rent payment	1888	11.0	89.0

MOSE = +/- 2

ei017: How confident are you that you could come up with \$2,000 if an unexpected need arose within the next month?

	N	Certain Yes	Probably	Probably Not	Certain No	Don't know	Prefer not to say
ei017 How confident	6361	52.5	15.2	8.4	13.9	7.1	3.0

MOSE = +/- 1

ei018: Suppose now you have an emergency expense that costs \$400. Based on your current financial situation, how would you pay this expense? If you would use more than one method, please select all that apply.

	N	1 Yes	2 No	3 Unsure
ei018a By putting it on my credit card and paying it off in full at the next statement	6331	41.5	52.1	6.4
ei018b By putting it on my credit card and paying it off over time	6322	24.8	69.9	5.2
ei018c With the money currently in my checking/savings account or with cash	6337	62.1	31.7	6.2
ei018d Using a bank loan or line of credit	6317	6.0	88.7	5.3
ei018e By borrowing from a friend or family member	6323	16.1	77.0	6.9
ei018f Using a payday loan, deposit advance, or overdraft	6329	3.2	92.8	4.0
ei018g By selling something	6330	12.2	80.7	7.1
ei018h I wouldnt be able to pay for the expense right now	6330	12.3	78.3	9.3

MOSE = +/- 1

9 Crime and Safety

ei019: In the past seven days, has anything belonging to you been stolen, such as a wallet or purse, clothing, jewelry, things in your home, or things in your vehicle?

	N	1 Yes	2 No	3 Unsure
ei019 something been stolen in last 7 days	6361	0.8	97.5	1.7

MOSE = +/- 1

ei020: My neighborhood is clean

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
ei020 My neighborhood is clean	6359	2.6	8.2	56.5	32.6

MOSE = +/- 1

ei021: There is too much crime in my neighborhood

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
ei021 There is too much crime in my neighborhood	6359	41.2	45.1	10.6	3.1

MOSE = +/- 1

ei022: Vandalism is common in my neighborhood

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
ei022 Vandalism is common in my neighborhood	6360	45.1	44.4	8.3	2.2

MOSE = +/- 1

ei023: There are too many people hanging around on the streets near my home

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
ei023 There are too many people hanging around on the streets near my home	6360	45.4	42.0	9.7	2.9

MOSE = +/- 1

ei024: How much of a threat would you say the coronavirus outbreak is to your household's finances?

	N	1 A substantial threat	2 A moderate threat	3 Not much of a threat	4 Not a threat at all
ei024	6359	10.4	35.0	38.0	16.6

MOSE = +/- 1

10 Attitudes Regarding Lifting Stay-home Order

ei025: Thinking about the decisions by a number of state governments to impose significant restrictions on public activity because of the coronavirus outbreak, is your greater concern that state governments will

	N	1 Lift the restrictions too quickly	2 Not lift the restrictions quickly enough
ei025	6353	70.4	29.6

MOSE = +/- 1

ei026: Now thinking about the decisions by the government of your state, is your greater concern that your own state government will

	N	1 Lift the restrictions too quickly	2 Not lift the restrictions quickly enough
ei026	6350	68.6	31.4

MOSE = +/- 1

11 Food Purchases

fd001: What is the percent chance that you will be able to afford the food you need over the next three months? If you are not sure, please give your best guess.

	N	mean
fd001 chance afford food over next three months	6351	81.2

MOSE = +/- 1

fd004: In February 2020, where did you usually get your food (either in person or by delivery)?

	N	1 Yes	2 No
fd004a February 2020 grocery store / supermarket (Ralphs, Vons, Trader Joes, etc.)	6353	86.0	14.0
fd004b February 2020 convenience store (7-Eleven, ampm, etc.)	6334	13.9	86.1
fd004c February 2020 drug store (CVS, Walgreens, Rite Aid, etc.)	6340	11.6	88.4
fd004d February 2020 big-box store (Target, Walmart, Costco, etc.)	6346	64.2	35.8
fd004e February 2020 food pantry	6338	8.0	92.0
fd004f February 2020 restaurant or caf	6340	43.2	56.8
fd004g February 2020 home garden	6342	6.9	93.1
fd004h February 2020 online retailer (Amazon Fresh, Fresh Direct, etc.)	6338	9.3	90.7
fd004i February 2020 farmers market	6333	10.8	89.2
fd004j February 2020 CSA (Community Supported Agriculture)	6336	1.6	98.4
fd004k February 2020 meal kit subscription (Blue Apron, Dinnerly, etc.)	6338	2.0	98.0
fd004l February 2020 other get food	6296	3.6	96.4

MOSE = +/- 1

fd005a: Please select your most frequent source of food in February 2020.

	N	Grocery store	Convenience store	Drug store	Big-box store	Food pantry	Restaurant	Home garden	Online retailer	Farmers market	CSA	Meal kit subscription	Other
fd005a	6251	62.6	0.6	0.4	30.9	0.8	1.6	0.3	0.8	0.2	0.1	0.3	1.5

MOSE = +/- 1

fd006a: [if fd005a =1, 2, 3, 4, 5, 6, 9, 10] When you got your food from the [fd005a] in February 2020, did you usually get it in person or have the food delivered to your home?

	N	I usually got the food in person	I usually had the food delivered to my home
fd006a	6088	95.7	4.3

MOSE = +/- 1

fd007a: [if fd006a=1] About how far away from your home is the [fd005a] where you most frequently got your food in February 2020?

	N	0.5 miles or less than a 10-minute walk	1 to 2 miles	3 to 5 miles	6 to 10 miles	11 to 15 miles	16 to 20 miles	Greater than 20 miles
fd007a	5834	11.4	26.9	27.2	14.8	7.3	5.4	7.1

MOSE = +/- 1

fd005b: Please select your second most frequent source of food in February 2020.

	N	Grocery store	Convenience store	Drug store	Big-box store	Food pantry	Restaurant	Home garden	Online retailer	Farmers market	CSA	Meal kit subscription	Other
fd005b	5070	25.2	4.2	2.8	32.8	3.2	23.2	1.6	2.4	2.3	0.3	0.7	1.3

MOSE = +/- 1

fd006b: [if fi005b= 1, 2, 3, 4, 5, 6, 9, 10] When you got your food from the [fd005b] in February 2020, did you usually get it in person or have the food delivered to your home?

	N	I usually got the food in person	I usually had the food delivered to my home
fd006b	4759	93.8	6.2

MOSE = +/- 1

fd007b: [if fd006b=1] About how far away from your home is the [fd005b] where you second most frequently got your food in February 2020?

	N	0.5 miles or less than a 10-minute walk	1 to 2 miles	3 to 5 miles	6 to 10 miles	11 to 15 miles	16 to 20 miles	Greater than 20 miles
fd007b	4458	9.4	22.9	29.0	18.0	8.5	5.8	6.5

MOSE = +/- 1

fd002: In the last 14 days, have you had food delivered to your home?

	N	1 Yes	2 No	3 Unsure
fd002 food delivered to home	6359	22.7	76.1	1.2

MOSE = +/- 1

fd003: [if fd002=1] If you have had food delivered to your home in the last 14 days, who provided that delivery service? Please check all that apply.

	N	0 No	1 Yes
fd003s1 Friend or neighbor	1566	93.9	6.1
fd003s2 Family member	1566	86.1	13.9
fd003s3 Local volunteer	1566	97.3	2.7
fd003s4 Business or organization that provided the food	1566	61.9	38.1
fd003s5 Governments Critical Delivery Service	1566	99.5	0.5
fd003s6 Paid delivery service (Instacart, Uber Eats, etc)	1566	47.1	52.9
fd003s7 Other, please specify: fd003_other	1566	90.8	9.2

MOSE = +/- 2

fd008: In the last 14 days, where did you get your food (either in person or by delivery)?

	N	1	2
fd008a grocery store / supermarket (Ralphs, Vons, Trader Joes, etc.)	6344	78.0	22.0
fd008b convenience store (7-Eleven, ampm, etc.)	6333	10.5	89.5
fd008c drug store (CVS, Walgreens, Rite Aid, etc.)	6327	7.2	92.8
fd008d big-box store (Target, Walmart, Costco, etc.)	6330	56.6	43.4
fd008e food pantry	6328	5.6	94.4
fd008f restaurant or caf	6333	39.0	61.0
fd008g home garden	6332	5.4	94.6
fd008h online retailer (Amazon Fresh, Fresh Direct, etc.)	6326	6.8	93.2
fd008i farmers market	6332	5.1	94.9
fd008j CSA (Community Supported Agriculture)	6323	1.2	98.8
fd008k meal kit subscription (Blue Apron, Dinnerly, etc.)	6330	1.5	98.5
fd008l other get food	6301	4.0	96.0

MOSE = +/- 1

fd009a: Please select your most frequent source of food in the last 14 days.

	N	Grocery store	Convenience store	Drug store	Big-box store	Food pantry	Restaurant	Home garden	Online retailer	Farmers market	CSA	Meal kit subscription	Other
fd009a	6119	60.6	0.7	0.3	30.6	0.9	3.1	0.4	0.8	0.3	0.2	0.3	1.8

MOSE = +/- 1

fd010a: [if fd009a= 1, 2, 3, 4, 5, 6, 9, 10] When you got your food from the [fd009a] in the last 14 days, did you usually get it in person or have the food delivered to your home?

	N	I usually got the food in person	I usually had the food delivered to my home
fd010a	5888	92.6	7.4

MOSE = +/- 1

fd011a: [if fd009a=1] About how far away from your home is the [fd009a] where you most frequently got your food in the last 14 days?

	N	0.5 miles or less than a 10-minute walk	1 to 2 miles	3 to 5 miles	6 to 10 miles	11 to 15 miles	16 to 20 miles	Greater than 20 miles
fd011a	5416	11.0	27.1	27.3	15.0	7.0	5.6	6.9

MOSE = +/- 1

fd009b: Please select your second most frequent source of food in the last 14 days.

	N	Grocery store	Convenience store	Drug store	Big-box store	Food pantry	Restaurant	Home garden	Online retailer	Farmers market	CSA	Meal kit subscription	Other
fd009b	4523	23.8	4.9	2.6	30.9	2.8	25.2	2.1	2.9	1.8	0.4	1.0	1.6

MOSE = +/- 1

fd010b: [if fd009b= 1, 2, 3, 4, 5, 6, 9, 10] When you got your food from the [fd009b] in the last 14 days, did you usually get it in person or have the food delivered to your home?

	N	I usually got the food in person	I usually had the food delivered to my home
fd010b	4145	89.7	10.3

MOSE = +/- 2

fd011b: [if fd010b=1] About how far away from your home is the [fd009b] where you second most frequently got your food in the last 14 days?

	N	0.5 miles or less than a 10-minute walk	1 to 2 miles	3 to 5 miles	6 to 10 miles	11 to 15 miles	16 to 20 miles	Greater than 20 miles
fd011b	3686	9.0	22.2	29.5	18.6	8.5	5.9	6.2

MOSE = +/- 2

fd012: In the last 14 days, have you eaten food that is different from the types of food you ate in February 2020?

	N	1 Yes	2 No	3 Unsure
fd012	6353	12.0	83.8	4.2

MOSE = +/- 1

fd014: Have you heard or read about any of the following food assistance programs or food services? Please check all that apply.

	N	0 No	1 Yes
fd014s1 Nutrition Assistance (SNAP, Food Stamps, CalFresh, etc.)	6354	46.6	53.4
fd014s2 Food pantries	6354	44.3	55.7
fd014s3 Free delivery of groceries near your home	6354	71.5	28.5
fd014s4 WIC (the Women, Infants, and Children program)	6354	51.6	48.4
fd014s5 The Elder Nutrition Program (aka senior meals)	6354	80.7	19.3
fd014s6 Grab and Go School Meals	6354	60.2	39.8
fd014s7 Other local food programs or services, please specify: fd014_other	6354	97.3	2.7
fd014s8 None of the above	6354	74.3	25.7

MOSE = +/- 1

fd015: Where did you hear or read about [options selected in fd014]?

	N	0 No	1 Yes
fd015s1 Television	4930	56.5	43.5
fd015s2 Radio	4930	79.2	20.8
fd015s3 Newspaper	4930	77.1	22.9
fd015s4 Family, friend, coworker, and/or neighbor	4930	50.7	49.3
fd015s5 Social media	4930	62.3	37.7
fd015s6 Internet (not social media)	4930	74.3	25.7
fd015s7 Magazine	4930	97.4	2.6
fd015s8 Flyer	4930	94.4	5.6
fd015s9 Government agency	4930	79.7	20.3
fd015s10 Community organization	4930	83.2	16.8
fd015s11 Employer	4930	93.5	6.5
fd015s12 Other, please specify: fd015_other	4930	93.3	6.7

MOSE = +/- 1

12 K-12 Education

ed001: How many members of your household are currently enrolled in preschool or daycare, primary school, middle school, high school, or post-secondary school? Count yourself if you are enrolled in school.

	N	0	1	2	3	4	5	6	7	8	10
ed001a preschool or day care	6355	91.0	6.5	2.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0
ed001b elementary school	6349	81.0	12.1	5.2	1.2	0.2	0.2	0.0	0.0	0.0	
ed001c middle school or junior high	6347	89.4	8.7	1.5	0.1	0.0	0.1	0.0	0.1	0.1	
ed001d high school	6354	87.1	10.2	2.1	0.2	0.0	0.1	0.1	0.0	0.1	0.1
ed001e college or trade school	6358	86.5	11.1	1.9	0.3	0.0	0.1	0.0	0.0	0.0	0.0

MOSE = +/- 1

If ed001a greater than zero:

sl001: Of the household members enrolled in preschool or day care, how many have had school suspended or canceled because of the coronavirus?

	N	0	1	2	3	5	10
sl001 how many household members had preschool suspended	489	24.1	62.3	12.1	1.2	0.2	0.1

MOSE = +/- 4

If ed001b greater than zero:

sl002: Of the household members enrolled in elementary school, how many have had school suspended or canceled because of the coronavirus?

	N	0	1	2	3	4	5	10
sl002 how many household members had elementary school suspended	1037	9.6	58.4	25.6	5.3	0.6	0.4	0.0

MOSE = +/- 3

If sl002 greater than zero:

sl003: Are the household members in elementary school doing educational activities at home?

	N	1 Yes	2 No	3 Other
sl003 hh member in elementary school doing educational activities at home	952	96.3	3.1	0.5

MOSE = +/- 3

If sl003 equals one:

sl004: Who provided the educational activities? Mark all that apply.

	N	0 No	1 Yes
sl004s1 The school	917	9.2	90.8
sl004s2 Me or my spouse/partner	917	51.2	48.8
sl004s3 The child	917	93.4	6.6
sl004s4 Other household members	917	95.2	4.8
sl004s5 Other	917	98.9	1.1

MOSE = +/- 3

sl004a: [if sl004=spouse/partner] You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

	N	1 Me	2 My spouse/partner	3 Both equally
sl004a elementary school who most responsible educational activities	451	45.6		33.3
				21.1

MOSE = +/- 5

If ed001c greater than zero:

sl005: Of the household members enrolled in middle school or junior high, how many have had school suspended or canceled because of the coronavirus?

	N	0	1	2	3	4	5	10
sl005 how many household members had middle school or junior high suspended	637	10.5	75.3	13.2	0.8	0.2	0.0	0.1

MOSE = +/- 4

If sl005 greater than zero:

sl006: Are the household members in middle school or junior high doing educational activities at home?

	N	1 Yes	2 No	3 Other
sl006 hh member in middle school or junior high school doing educational activities at	564	93.7	5.0	1.4

MOSE = +/- 4

If sl006 equals one:

sl007: Who provided the educational activities? Mark all that apply.

	N	0 No	1 Yes
sl007s1 The school	533	6.3	93.7
sl007s2 Me or my spouse/partner	533	70.0	30.0
sl007s3 The child	533	94.0	6.0
sl007s4 Other household members	533	95.8	4.2
sl007s5 Other	533	99.6	0.4

MOSE = +/- 4

sl007a: [if sl007=spouse/partner] You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

	N	1 Me	2 My spouse/partner	3 Both equally
sl007a	152	42.1	25.0	32.9

MOSE = +/- 8

If ed001d greater than zero:

sl008: Of the household members enrolled in high school, how many have had school suspended or canceled because of the coronavirus?

	N	0	1	2	3	4	6	10
sl008 how many household members had high school suspended	846	15.3	69.8	13.8	0.9	0.1	0.0	0.0

MOSE = +/- 3

If sl008 greater than zero:

sl009: Are the household members in high school doing educational activities at home?

	N	1 Yes	2 No	3 Other
sl009 hh member in high school doing educational activities at home	714	94.5	4.8	0.6

MOSE = +/- 4

If sl009 equals one:

sl010: Who provided the educational activities? Mark all that apply.

	N	0 No	1 Yes
sl010s1 The school	669	3.5	96.5
sl010s2 Me or my spouse/partner	669	81.6	18.4
sl010s3 The child	669	90.6	9.4
sl010s4 Other household members	669	97.2	2.8
sl010s5 Other	669	99.8	0.2

MOSE = +/- 4

sl010a: [if sl010=spouse/partner] You mentioned you or your spouse/partner are responsible for providing educational activities. Who takes more responsibility, you or your spouse/partner?

	N	1 Me	2 My spouse/partner	3 Both equally
sl010a	113	48.6	30.6	20.8

MOSE = +/- 9

sl011: How many household members are currently in Grade 12?

	N	mean
sl011	844	0.3

MOSE = +/- 3

sl011_grade11: [if >0 children in high school] How many household members are currently in Grade 11?

	N	mean
sl011_grade11	845	0.4

MOSE = +/- 3

sl012: [if sl011>0: ask for each household member in Grade 11 or Grade 12] What are [Name]'s current plans for after high school?

	N	1 Yes	2 No	3 Unsure
sl012a_1_ No plans	226	11.6	68.1	20.4
sl012b_1_ Military	226	7.0	82.8	10.1
sl012c_1_ Employment	227	40.8	46.0	13.2
sl012d_1_ Technical training	226	15.3	70.9	13.9
sl012e_1_ Community college	228	28.4	57.4	14.2
sl012f_1_ Four-year college	228	44.9	37.3	17.7
sl012g_1_ Remain in high school	227	0.2	92.8	6.9
sl012h_1_ other	227	3.7	81.4	14.9

MOSE = +/- 7

sl012: [if sl011>0: ask for each household member in Grade 11 or Grade 12] What are [Name]'s current plans for after high school?

	N	1 Yes	2 No	3 Unsure
sl012a_2_ No plans	7	19.4	79.4	1.1
sl012b_2_ Military	7	98.9	1.1	
sl012c_2_ Employment	7	45.5	43.3	11.2
sl012d_2_ Technical training	7	98.9	1.1	
sl012e_2_ Community college	7	11.3	87.6	1.1
sl012f_2_ Four-year college	7	54.4	44.5	1.1
sl012g_2_ Remain in high school	7	98.9	1.1	
sl012h_2_ other	7	98.9	1.1	

MOSE = +/- 37

sl013_1_: [if sl011>0: ask for each household member in Grade 11 or Grade 12] Have [Name]'s plans changed because of the coronavirus epidemic or school closures?

	N	1 Yes	2 No	3 Unsure
sl013_1_ plans changed	228	16.0	71.8	12.2

MOSE = +/- 6

sl013_2_: [if sl011>0: ask for each household member in Grade 11 or Grade 12] Have [Name]'s plans changed because of the coronavirus epidemic or school closures?

	N	1 Yes	2 No	3 Unsure
sl013_2_ plans changed	7	46.6	43.3	10.1

MOSE = +/- 37

sl014: [if sl013=yes] What were [Name]'s previous plans for after high school?

	N	1 Yes	2 No	3 Unsure
sl014a_1_ previous No plans	32	8.5	77.2	14.3
sl014b_1_ previous Military	32	8.1	90.3	1.7
sl014c_1_ previous Employment	32	62.2	26.4	11.4
sl014d_1_ previous Technical training	32	13.8	73.3	13.0
sl014e_1_ previous Community college	33	29.8	49.4	20.8
sl014f_1_ previous Four-year college	33	41.8	38.0	20.2
sl014g_1_ Remain in high school	32	1.4	87.5	11.2
sl014h_1_ previous other	32	20.8	66.5	12.7

MOSE = +/- 17

If any children had a school closure:

sl015: Who is mainly responsible for providing child care while school is suspended or canceled? Mark all that apply:

	N	0 No	1 Yes
sl015s1 You	1784	39.9	60.1
sl015s2 Your spouse or partner	1784	57.9	42.1
sl015s3 A sibling	1784	93.6	6.4
sl015s4 Other extended family members such as grandparents, aunts and uncles, and cousin	1784	88.6	11.4
sl015s5 A paid child care provider such as a nanny or au pair	1784	98.9	1.1
sl015s6 A child care facility not located in your home	1784	98.5	1.5
sl015s7 Other, please specify sl015_other	1784	89.9	10.1

MOSE = +/- 2

If there are any children in elementary, middle, or high school, a child is randomly selected from the household and the following questions are asked about this child:

sl029: Are you the parent or legal guardian of [selected child]?

	N	1 Yes	2 No	3 Unsure
sl029 guardian of selected child	1788	80.6	18.7	0.8

MOSE = +/- 2

sl030a: Did [selected child],s school cancel or suspend in-person classes because of the coronavirus epidemic?

	N	1 Yes	2 No	3 Unsure
sl030a school cancel or suspend in-person classes	1788	93.8	5.7	0.5

MOSE = +/- 2

sl030: What type of school did [selected child] attend in February 2020?

	N	Neighborhood public	Magnet public	Charter	Private or religious	Home school	Other
sl030 Type of school attended Feb 2020	1788	81.6	3.0	4.0	5.2	4.9	1.3

MOSE = +/- 2

sl031: In February 2020, did [selected child] receive any of the following services?

	N	1 Yes	2 No	3 Unsure
sl031a were receiving gifted and talented instruction	1787	11.2	84.6	4.2
sl031b were receiving mental health services	1786	7.0	90.8	2.2
sl031c were receiving free or reduced-price meals	1787	38.9	58.8	2.3
sl031d were receiving extra support for English language learners	1787	3.2	94.1	2.7
sl031e were receiving extra support for struggling learners	1787	11.2	86.0	2.8

MOSE = +/- 2

sl032: A 504 plan is a plan to ensure that a child with disabilities receives accommodations that will allow the child to learn.

In February 2020, did [selected child] receive services under a 504 plan?

	N	1 Yes	2 No	3 Unsure
sl032 receive 504 plan services selected child	1787	4.6	88.6	6.8

MOSE = +/- 2

sl033: An individual education plan (IEP) is a plan to ensure that a child with disabilities receives specialized instruction and services.

In February 2020, did [selected child] receive services related to an IEP?

	N	1 Yes	2 No	3 Unsure
sl033 receive IEP services selected child	1787	10.6	85.3	4.2

MOSE = +/- 2

If a service was received, the follow-up question was asked:

sl034: Is [selected child] still receiving any of these services now?

	N	1 Yes	2 No	3 Unsure
sl034b still receiving mental health services	120	61.5	37.3	1.2
sl034c still receiving free or reduced-price meals	652	60.0	34.8	5.1
sl034d still receiving extra instruction for English language learners	57	27.3	57.0	15.6
sl034e still receiving extra instruction for struggling learners	198	50.4	38.3	11.3
sl034f still receiving services under a 504 plan	86	64.4	32.7	3.0
sl034g still receiving services under an IEP	174	74.3	20.3	5.4

MOSE = +/- 7

sl035: How likely or unlikely is it that school closures due to the Coronavirus pandemic will lead to these scenarios:

	N	Very likely	Somewhat likely	Neither	Somewhat unlikely	Very unlikely
sl035a will not make as much progress academically	1786	10.6	23.9	19.6	19.6	26.3
sl035b less peer interaction will cause lasting academic problems	1786	8.0	14.3	23.1	21.4	33.1
sl035c less teacher interaction will cause lasting academic problems	1786	9.6	20.1	22.0	19.7	28.6
sl035d less access to instructional materials (such as textbooks, worksheets, lab mater	1786	8.8	20.2	22.0	19.1	30.0
sl035e less access to special education support will cause lasting academic problems	212	15.0	31.3	17.7	14.7	21.3
sl035f less access to mental health support will cause lasting academic problems	120	12.8	26.5	27.7	18.6	14.5

MOSE = +/- 9

If sl036 equals one:

sl036: In the past seven days how much time did [selected child] spend in online class meetings that included interaction between teachers and students? (minutes)

	N	mean
sl036	1681	369.3

MOSE = +/- 2

If sl030a equals one:

sl037: Has [selected child] done any of the following activities since schools physically closed?

	N	1 Yes	2 No	3 Unsure
sl037a Interacted with teacher by Zoom, phone, etc.	1697	77.5	17.9	4.6
sl037b Received new schoolwork from his or her teacher(s)	1698	90.3	6.6	3.1
sl037c Completed newly-assigned school work	1698	89.6	6.8	3.6
sl037d Received feedback on schoolwork from his or her teacher(s)	1698	73.2	18.8	8.0

MOSE = +/- 2

The following questions are asked only of households with any school closure:

sl021: How easy or difficult has it been for you to find affordable child care while school is suspended or canceled?

	N	1 Very easy	2 Somewhat easy	3 Somewhat difficult	4 Very difficult
sl021 how difficult find affordable child care	1764	56.6	19.7	14.2	9.5

MOSE = +/- 2

sl016-sl018: Do you agree or disagree with the following statements?

	N	Strongly Disagree	Disagree	Agree	Strongly Agree
sl016 School closures made it difficult for me to work or do other household tasks.	1780	27.3	33.6	29.0	10.1
sl017 I am satisfied with the communication to support learning from my childs/childre	1779	6.0	20.3	54.4	19.3
sl018 My child/children will be prepared for school in the next school year.	1775	5.0	21.6	55.3	18.1
sl018a I am satisfied with how much my children are learning.	1777	6.4	33.4	47.5	12.7
sl018b School closures have made it harder for me to feed my children.	1778	49.8	36.6	10.7	2.8
sl018c I am satisfied with the amount of time and attention my children give to school	1778	9.7	29.8	49.9	10.6

MOSE = +/- 2

sl038: Schools are considering several policies to make up for recent school closures. Do you support or oppose each of the following policies?

	N	Strongly Oppose	Oppose	Neither	Strongly Support	5	Unsure
sl038a Having all students repeat the current grade	1781	53.8	25.6	11.0	3.9	1.3	4.4
sl038b Converting grades/marks for the rest of the year to pass/fail	1780	6.5	11.0	33.1	29.6	10.8	8.9
sl038c Promoting all students to the next grade regardless of their performance	1780	11.3	23.4	30.8	18.6	10.0	5.8
sl038d Providing summer school to all students if its safe	1781	13.2	16.6	22.1	28.1	13.7	6.4
sl038e Canceling all standardized tests next school year (i.e. 2020-21)	1782	5.2	14.3	25.9	24.5	22.8	7.2
sl038f Canceling grades/marks for the rest of the school year	1782	9.8	19.4	29.7	22.8	10.6	7.8

MOSE = +/- 2

sl019a: What is the earliest that you think any of your childrens schools will resume in person?

	N	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
sl019a 2020	1566	0.8	3.1	2.6	51.3	37.1	3.9	0.8	0.3

MOSE = +/- 2

13 Higher Education

The following questions are asked if at least one household memembr is in college:

ed002: Are you currently enrolled in college or trade school, including four-year colleges, community colleges?

	N	1 Yes	2 No
ed002 R currently enrolled in college	941	39.1	60.9

MOSE = +/- 3

The following questions asked of each household member in college:

cl002: What type of degree or certificate is [selected student] working on? Mark all that apply.

	N	0 No	1 Yes
cl002a A bachelor's degree (usually four years)	766	38.5	61.5
cl002b An associate's degree (usually two years)	766	82.4	17.6
cl002c A certificate or diploma of occupational training such as plumbing or cosmetolog	766	91.0	9.0
cl002d A graduate program such as a masters or PhD	766	90.1	9.9
cl002e eNot working toward a degree or certificate	766	92.4	7.6

MOSE = +/- 4

cl005bbb: Has [selected student] experienced any changes in the following areas because of the coronavirus epidemic?

	N	1 Decreased	2 No Change	3 Increased	4 Unsure
cl005_bbb_1 Family care responsibilities	765	1.1	73.9	16.1	8.9
cl005_bbb_2 Work responsibilities	762	24.3	55.7	10.5	9.5
cl005_bbb_3 Stable access to housing	764	5.5	81.4	4.1	9.0
cl005_bbb_4 Stable access to food sources (such as a campus meal plan)	765	10.8	75.4	2.3	11.4
cl005_bbb_5 Expenses for tuition, food, or housing	765	14.0	70.2	4.9	10.9
cl005_bbb_6 Desire to be close to home	765	4.2	62.6	23.1	10.0

MOSE = +/- 4

cl005_ccc_1_: Has [selected student],s employment status changed because of the coronavirus epidemic?

	N	1 Yes	2 No	3 Unsure
cl005_ccc_1_ employment status changed	649	27.1	69.4	3.5

MOSE = +/- 4

if cl005_ccc equals one:

cl005_ddd_1_: How has [selected student],s employment status changed?

	N	has become unemployed	has found a new job	job has reduced hours	has been temporarily laid off or is taking sick leave or other leave
cl005_ddd_1_ how employment status changed	206	48.7	9.4	9.4	32.5

MOSE = +/- 7

cl002b: In February 2020, did [selected student] take part in classes?

	N	Yes	No	Unsure
cl002b Take part in classes	765	80.7	15.4	3.9

MOSE = +/- 4

cl003: In February 2020, how did [selected student] primarily take part in classes?

	N	On campus	Online	A worksite or other non-campus location	Other
cl003 How taking classes in February 2020	661	71.9	24.7	2.2	1.2

MOSE = +/- 4

cl004: Is [selected student] still taking part in classes now?

	N	Yes	No	Unsure
cl004 Still taking part in classes	661	88.9	8.2	2.9

MOSE = +/- 4

If cl004 equals one:

cl005: How is [selected student] primarily taking part in classes now?

	N	On campus	Online	A worksite or other non-campus location	Other
cl005 How taking classes now	591	0.4	98.7	0.1	0.8

MOSE = +/- 4

If cl004 equals two or three:

cl006: Is [selected student],s school still offering classes in his or her program?

	N	Yes	No	Unsure
cl006 Still offering classes	70	34.5	26.4	39.0

MOSE = +/- 12

If cl004 equals two:

cl006a: Has the coronavirus epidemic affected [selected student],s decision to stop taking part in classes now?

	N	Yes	No	Unsure
cl006a	47	19.1	72.6	8.3

MOSE = +/- 14

If cl006a equals one:

cl006b: How has the coronavirus epidemic affected [selected student],s plans to stop taking part in classes now? Please mark all that apply.

	N	0 No	1 Yes
r_cl006bs1 It has changed my family care responsibilities	8	92.7	7.3
r_cl006bs2 It has changed my work responsibilities	8	96.2	3.8
r_cl006bs3 I have health and safety concerns about in-person classes	8	29.5	70.5
r_cl006bs5 It has changed my stable access to food sources (such as a campus meal plan)	8	93.9	6.1
r_cl006bs6 It has changed my expenses for tuition, food, or housing	8	77.0	23.0
r_cl006bs7 It has changed my ability to pay tuition	8	86.4	13.6
r_cl006bs8 It has changed my employment status or work hours	8	91.7	8.3
r_cl006bs9 I am dissatisfied with the coronavirus response of my current institution	8	98.4	1.6
r_cl006bs10 It has changed my desire to be close to home	8	96.6	3.4
r_cl006bs12 My institution does not plan for in-person enrollment in the fall	8	34.0	66.0

MOSE = +/- 35

If cl004 equals two:

cl006_ddd_1_: [if cl004=no] Has the quality of online courses affected [NAME]'s decision to stop taking part in classes now?

	N	1 Yes	2 No	3 Unsure
cl006_ddd_1_ quality of online courses affected decision	40	15.3	59.4	25.3

MOSE = +/- 15

if cl004 equals two:

cl006_eee_1_: Has access to computer equipment or internet affected [selected student],s decision to stop taking part in classes now?

	N	1 Yes	2 No	3 Unsure
cl006_eee_1_ access to computer equipment or internet affected decision	40	12.1	71.3	16.6

MOSE = +/- 15

If cl004 equals two:

cl006_fff_1_: Has the ability to adjust to the online course format affected [selected student],s decision to stop taking part in classes now?

	N	1 Yes	2 No	3 Unsure
cl006_fff_1_ ability to adjust to online course format affected decision	40	21.6	62.7	15.7

MOSE = +/- 15

cl005b: Does [selected student] expect to complete his or her program this term?

	N	Yes	No	Unsure
cl005b Expect to complete	765	37.3	52.4	10.3

MOSE = +/- 4

cl008a: Does [selected student] expect to continue taking classes in the fall?

	N	Yes	No	Unsure
cl008a Expect to continue in the fall	765	75.6	11.0	13.4

MOSE = +/- 4

cl010a: Has the coronavirus epidemic influenced [selected student],s decision whether to continue taking classes in the fall?

	N	Yes	No	Unsure
cl010a corona influenced decision to continue taking classes	765	8.3	75.2	16.5

MOSE = +/- 4

If cl010a equals one:

cl010aa: How has the coronavirus epidemic influenced [selected student],s decision whether continue taking classes in the fall? Please mark all that apply.

	N	No	Yes
cl010aa_s1 Changed family care responsibilities	66	94.3	5.7
cl010aa_s2 Changed work responsibilities	66	66.6	33.4
cl010aa_s3 Health and safety concerns about in-person classes	66	75.2	24.8
cl010aa_s4 Changed stable access to housing	66	96.5	3.5
cl010aa_s5 Changed stable access to food sources	66	97.4	2.6
cl010aa_s6 Changed expenses for tuition, food, housing	66	82.4	17.6
cl010aa_s7 Change ability to pay tuition	66	72.5	27.5
cl010aa_s8 Changed employment status or work hours	66	51.7	48.3
cl010aa_s9 Dissatisfied with COVID response of institution	66	91.6	8.4
cl010aa_s10 Changed desire to be close to home	66	79.7	20.3
cl010aa_s11 Changed other	66	83.6	16.4

MOSE = +/- 12

The following questions apply to people who are finishing their degree:

If cl005b equals one:

cl005c: As of February 2020, what were [selected student],s plans after finishing his or her program?

	N	Find job unrelated	Find job related	Go back to school	Other	Unsure
cl005c February 2020 plans after finishing	294	57.3	2.5	28.8	2.8	8.7

MOSE = +/- 6

If cl005b equals one:

cl005d: Has the coronavirus epidemic affected [selected student],s plans after finishing his or her program?

	N	1 Yes	2 No	3 Unsure
cl005d COVID influence plans	294	5.9	78.4	15.7

MOSE = +/- 6

cl005e: What are [selected student],s current plans after finishing his or her program?

	N	Find job unrelated	Find job related	Go back to school	Other	Unsure
cl005e Current plans after finishing	294	59.1	3.4	25.9	1.6	10.0

MOSE = +/- 6

The next sequence apply to people who are continuing to take classes in the fall:

If cl008a equals one:

cl008b: Where does [selected student] expect to continue taking classes in the fall?

	N	Current institution	Different institution
cl008b where expect to continue in the fall	591	90.3	9.7

MOSE = +/- 4

If cl008a equals one:

cl010: Does [selected student] expect to take classes online or in person in the fall?

	N	1 Online	2 In person	3 Other	4 Unsure
cl010 where expect to take classes in fall	591	28.0	42.6	0.4	29.0

MOSE = +/- 4

If cl008a equals one:

cl010b: Has the coronavirus epidemic influenced [selected student],s decision of how many classes to take in the fall?

	N	Yes, More	Yes, Fewer	No	Unsure
cl010b influence number of classes	591	9.5	3.3	65.7	21.6

MOSE = +/- 4

If cl010b equals one or two:

cl010bb: How has the coronavirus epidemic influenced [selected student],s decision of how many classes to take in the fall? Please mark all that apply.

	N	No	Yes
cl010bb_s1 Changed family care responsibilities	71	83.5	16.5
cl010bb_s2 Changed work responsibilities	71	59.9	40.1
cl010bb_s3 Health and safety concerns about in-person classes	71	80.0	20.0
cl010bb_s4 Changed stable access to housing	71	98.5	1.5
cl010bb_s5 Changed stable access to food sources	71	98.5	1.5
cl010bb_s6 Changed expenses for tuition, food, housing	71	91.7	8.3
cl010bb_s7 Change ability to pay tuition	71	84.6	15.4
cl010bb_s8 Changed employment status or work hours	71	83.2	16.8
cl010bb_s9 Dissatisfied with COVID response of institution	71	94.0	6.0
cl010bb_s10 Changed desire to be close to home	71	91.4	8.6
cl010bb_s11 Changed other	71	80.9	19.1

MOSE = +/- 12

If cl008a equals one:

cl011: Has the coronavirus epidemic influenced [selected student],s decision whether to transfer to another institution in the fall?

	N	1 Yes	2 No	3 Unsure
cl011 influence decision to transfer	591	2.1	86.1	11.8

MOSE = +/- 4

If cl011 equals one:

cl011b: How has the coronavirus epidemic influenced [selected student],s decision whether to transfer to another institution in the fall? Please mark all that apply.

	N	0 No	1 Yes
r_cl011bs1 It has changed my family care responsibilities	8	92.4	7.6
r_cl011bs2 It has changed my work responsibilities	8	97.8	2.2
r_cl011bs3 I have health and safety concerns about in-person classes	8	92.4	7.6
r_cl011bs4 It has changed my stable access to housing	8	91.1	8.9
r_cl011bs6 It has changed my expenses for tuition, food, or housing	8	56.6	43.4
r_cl011bs7 It has changed my ability to pay tuition	8	56.4	43.6
r_cl011bs8 It has changed my employment status or work hours	8	56.6	43.4
r_cl011bs9 I am dissatisfied with the coronavirus response of my current institution	8	92.4	7.6
r_cl011bs10 It has changed my desire to be close to home	8	91.1	8.9
r_cl011bs11 Other, please specify: R_cl011b_other	8	47.0	53.0
r_cl011bs12 My institution does not plan for in-person enrollment in the fall	8	92.4	7.6

MOSE = +/- 35

If cl005b equals two:

cl012: Has the coronavirus epidemic influenced [selected student],s ability to complete his or her degree or certificate in a timely manner?

	N	1	2	3
cl012 influence ability to finish degree	398	8.2	76.2	15.6

MOSE = +/- 5

If cl012 equals one:

cl013: How has the coronavirus epidemic influenced [selected student],s ability to complete his or her degree or certificate in a timely manner? Mark all that apply.

	N	No	Yes
cl013_s1 Changed family care responsibilities	39	95.4	4.6
cl013_s2 Changed work responsibilities	39	86.5	13.5
cl013_s3 Health and safety concerns about in-person classes	39	79.5	20.5
cl013_s4 Changed stable access to housing	39	99.7	0.3
cl013_s5 Changed stable access to food sources	39	98.3	1.7
cl013_s6 Changed expenses for tuition, food, housing	39	90.0	10.0
cl013_s7 Change ability to pay tuition	39	92.6	7.4
cl013_s8 Changed employment status or work hours	39	75.8	24.2
cl013_s9 Dissatisfied with COVID response of institution	39	88.0	12.0
cl013_s10 Changed desire to be close to home	39	91.9	8.1
cl013_s11 Changed other	39	53.2	46.8

MOSE = +/- 16

cl014: Has the coronavirus epidemic changed how you perceive the value of post-secondary education?

	N	Yes, more valuable	Yes, less valuable	No	Not sure
cl014 change perceived value post-secondary education	6343	17.2	4.7	60.1	18.0

MOSE = +/- 1

14 Insurance

This question asked of respondents on Days 3-5 only:

ins001: Suppose you already bought a used car. After inspecting the car, an independent agency tells you that the chance the car may be defective and in the first year is XHow much would you pay for an insurance policy that would give you back the full \$5,000 to fix the car?

	N	mean
ins001 specific chance totaled how much willing to fix	1344	735.3

MOSE = +/- 3