Center for Economic and Social Research
Understanding America Study

UNDERSTANDING
CORONAVIRUS
IN AMERICA

Methodology and Topline Results
UAS 244 – Wave 5
May 13 – June 9, 2020

June 11, 2020 Release

USC Dornsife Center for Economic and Social Research

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 5 of the tracking survey, administered from May 13 to June 9, 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, toplines, 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 6,407 adult residents of the U.S. participated in this survey between May 13 and June 9, 2020 and are included in the data file; an average of roughly 450 per day. Most respondents (93.3%) participated on their assigned day, between May 13 and May 26, 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 and crosstab 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 have been 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. 7,420 panel members had consented to be included in the tracking survey as of the start date of May 13, 2020 and were invited to participate; 6,533 completed the survey, 101 started but did not complete it, resulting in a participation rate of 88% for this wave. Two hundred twenty-five members of the listed sample were excluded from the final data file, resulting in a sample size of 6,407.

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

USC Dornsife Center for Economic and Social Research

Topline Report

Survey dates   May 13 through June 9, 2020
Sample size   6407 Adult U.S. Residents

This report provides the sample characteristics for the UAS 244 weighted national sample, as well as brief summaries of responses to the questions included in the UAS 244 data file. 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%	39%
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	16%	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 244 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	6379	1.2	98.0	0.8
cr001b Runny or stuffy nose	6386	17.9	81.3	0.7
cr001c Chest congestion	6385	3.1	96.2	0.7
cr001d cough	6385	9.5	89.8	0.7
cr001e Sore throat	6387	3.8	95.6	0.6
cr001f Sneezing	6388	20.7	78.5	0.8
cr001g Muscle or body aches	6386	14.4	84.9	0.7
cr001h Headaches	6385	17.6	81.8	0.6
cr001i Fatigue or tiredness	6385	18.5	80.3	1.2
cr001j Shortness of breath	6386	5.2	94.0	0.7
cr001k Abdominal discomfort	6388	6.8	92.4	0.7
cr001l Vomiting	6384	1.0	98.5	0.5
cr001m Hair Loss	6385	2.9	96.1	0.9
cr001n Dry skin	6387	13.0	86.2	0.8
cr001o Body temperature higher than 100.4 F or 38.0 C	6388	0.6	98.6	0.8
cr001p Diarrhea	6386	5.4	94.2	0.4
cr001q Lost sense of smell	6387	1.2	98.0	0.8
cr001r Skin Rash	6382	2.3	97.1	0.5

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	6388	0.1	3.6	0.8	95.5

MOSE = +/- 1

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	6379	1.1	98.9

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	6382	0.3	98.6	1.0

MOSE = +/- 1

cr007: [if cr002 != 1 AND cr005 !=1] 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	6353	0.9	99.1

MOSE = +/- 1

cr009: [if cr004 = 1] When you sought medical care for coronavirus, where did you first seek care?

	N	0 No	1 Yes
cr009s1 Hospital or emergency room	50	74.9	25.1
cr009s2 Urgent care	50	96.5	3.5
cr009s3 My primary care doctor or another doctor	50	48.3	51.7
cr009s4 A local health department	50	92.1	7.9
cr009s5 Other, please specify: cr009_other	50	94.9	5.1
cr009s6 I did not seek care	50	91.9	8.1

MOSE = +/- 14

cr010a: [if Yes to cr009] When you sought care from [location] did you obtain care?

	N	Yes In Person	No, Did Not Obtain Care
cr010a_1_ Hospital or emergency room	8	7	1
cr010a_2_ Urgent Care	4	3	1
cr010a_4_ A local health department	3	2	1
cr010a_5_ Other	4	3	1

Due to small sample size, observation numbers shown.

cr010b: [if Yes to cr010a] Did you call ahead before seeking care in person?

	N	1 Yes	2 No
cr010b_1_ Hospital or emergency room	7	2	5
cr010b_2_ Urgent Care	3	2	1
cr010b_3_ My primary care doctor or another doctor	11	9	2
cr010b_4_ A local health department	2	2	
cr010b_5_ called ahead before seeking care	3	1	2

Due to small sample size, observation numbers shown.

cr011: [if cr002 = 1 OR cr005 = 1 OR cr007 = 1] 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	67	15.5	84.5

MOSE = +/- 12

cr012: [if cr011 = 1] Who have you contacted 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	11	2	9
cr012b Hospital or emergency room	11	5	6
cr012c My primary care doctor or another doctor	11	5	6
cr012d My employer, supervisor or school	11	5	6
cr012e Community or religious leaders	11	11	
cr012f Family or friends	11	10	1
cr012g Online social contacts such as people on Facebook or Twitter	11	1	10
cr012h Other contacted	11	11	

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	6377	87.4	11.0	1.7

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	6369	4.7	94.6	0.7
cr015b Gone to the grocery store or pharmacy	6374	81.4	18.0	0.6
cr015c Gone to a friend, neighbor, or relatives residence (that is not your own)	6373	38.5	60.9	0.6
cr015d Had visitors such as friends, neighbors or relatives at your residence	6373	38.7	60.4	0.9
cr015e Attended a gathering with more than 10 people, such as a reunion, wedding, funer	6375	8.1	91.3	0.7
cr015f Sought care from a hospital or health care facility	6373	5.4	94.1	0.5
cr015g Been placed in isolation or quarantine	6372	3.5	95.2	1.2
cr015h Remained in your residence at all times, except for essential activities or exer	6373	54.8	43.9	1.3
cr015i Shared items like towels or utensils with other people	6374	21.4	77.7	0.9
cr015j Had close contact (within 6 feet) with people who live with you	6371	78.7	20.6	0.6
cr015k Had close contact (within 6 feet) with people who do not live with you	6373	53.3	45.3	1.4
cr015l Gone outside to walk, hike, or exercise	6372	76.7	22.8	0.6

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	6365	91.2	8.1	0.7
cr016c Canceled or postponed travel for work	6356	20.8	76.8	2.4
cr016d Canceled or postponed travel for pleasure	6358	42.4	56.3	1.3
cr016e Canceled or postponed work or school activities	6356	24.4	73.5	2.1
cr016f Canceled or postponed personal or social activities	6360	48.1	50.6	1.3
cr016g Visited a doctor	6361	10.7	88.6	0.8
cr016h Canceled a doctors appointment	6359	21.8	76.8	1.4
cr016i Stockpiled food or water	6354	16.3	82.8	0.9
cr016j Avoided contact with people who could be high-risk	6361	76.7	19.5	3.8
cr016k Avoided public spaces, gatherings, or crowds	6361	77.1	21.7	1.2
cr016l Prayed	6359	60.3	38.1	1.6
cr016m Avoided eating at restaurants	6362	73.9	25.1	1.0
cr016n Stockpiled hand sanitizer or disinfectant wipes	6359	14.1	85.1	0.8
cr016o Worked or studied at home	6358	43.3	54.7	2.0
cr016p Worn a mask or other face covering	6363	83.2	16.3	0.5
cr016r Stockpiled medication	6360	8.2	91.0	0.9

MOSE = +/- 1

cr017a: Are Federal, state, or local governments currently encouraging you to limit non-essential travel?

	N	1 Yes	2 No	3 Unsure
cr017a currently federal, state, or local governments encouraged to limit non-essential	6365	76.7	13.7	9.6

MOSE = +/- 1

cr018a: Are Federal, state, or local governments currently requiring you to limit non-essential travel?

	N	1 Yes	2 No	3 Unsure
cr018a currently federal, state, or local governments required to limit non-essential t	6363	45.6	39.8	14.5

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	6347	4.9	6.6	38.3	44.7	5.6
cr019b Praying	6345	21.8	8.5	19.7	36.6	13.5
cr019c Washing your hands with soap or hand sanitizer	6355	3.3	1.5	20.6	72.1	2.5
cr019d Seeing a doctor if you feel sick	6355	5.2	14.1	42.7	31.2	6.8
cr019e Seeing a dr if healthy but worry you were exposed	6351	23.5	26.1	28.7	13.8	7.9
cr019f Avoiding public spaces, gatherings, and crowds	6351	3.7	3.6	26.9	62.5	3.2
cr019g Avoiding contact with people who could be high-risk	6351	3.6	2.9	21.1	68.9	3.5
cr019h Avoiding hospitals and clinics	6352	3.8	7.7	40.9	42.4	5.2
cr019i Avoiding restaurants	6348	4.0	6.9	38.9	46.1	4.0
cr019j Avoiding travel	6348	4.0	7.2	37.5	47.2	4.2

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	6344	4.2	37.5	48.4	6.5	3.5
cr020b Attending gatherings of more than 100 people	6342	3.6	5.8	16.5	70.6	3.4
cr020c Going to the hospital	6342	3.3	18.5	43.6	29.4	5.2
cr020d Dining in at restaurants	6347	3.1	13.8	37.4	41.4	4.4
cr020e Eating take-out meals from restaurants	6348	10.0	54.8	25.9	4.6	4.7
cr020f Visiting with relatives or friends in their home	6343	5.5	27.1	45.9	17.1	4.4
cr020g Handling packages that have been delivered	6348	6.3	40.7	41.7	5.4	5.8
cr020h Playing on playground equipment	6344	2.9	12.3	37.7	41.6	5.5
cr020i Touching door knobs, other surfaces in your home	6344	24.0	40.4	22.4	9.4	3.8
cr020j Interacting closely with other members of your HH	6344	30.4	48.4	13.3	3.6	4.3
cr020k Going outside to walk, hike, or exercise	6344	40.9	44.0	9.6	2.0	3.5
cr020l Eating or drinking in a place that provides table service and has implemented so	6347	4.3	30.1	39.8	20.0	5.8
cr020m Curb-side pick-up of store purchases	6342	13.3	61.6	18.4	2.0	4.6

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	6312	36.2

MOSE = +/- 1

cr022: [if [number of friends] > 0] Of these people, how many do you think have been infected with the coronavirus?

	N	mean
cr022 infected how many family or close friends	6233	0.7

MOSE = +/- 1

cr022a: [if [number of friends] > 0] 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	6234	0.1

MOSE = +/- 1

cr022b: [if [number of friends] > 0] 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	6230	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	6327	22.6

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 are not sure, please give your best guess.

	N	mean
cr023b chance hospitalized if get coronavirus	6326	27.1

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	6324	20.1

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	6328	24.9	49.1	21.7	4.3
cr025b Provide important benefits to society	6326	1.8	4.7	40.2	53.3
cr025c may lead to illness and death	6328	31.4	46.1	18.7	3.9
cr025d are useful and effective	6327	2.1	4.3	40.4	53.2

MOSE = +/- 1

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	6318	54.9	11.9	9.6	7.2	5.1	3.5	1.7	6.2
cr026b Used cannabis products such as marijuana	6318	88.0	2.0	1.2	1.2	0.8	0.7	0.6	5.4
cr026c Used recreational drugs other than alcohol or cannabis products	6320	95.9	0.8	0.8	0.8	0.5	0.2	0.2	0.8
cr026d Meditated	6317	65.1	5.8	6.0	5.2	3.6	3.1	1.0	10.1
cr026e Got exercise	6316	13.2	8.0	12.8	16.5	12.7	12.5	6.4	18.0
cr026f Made time to relax	6320	7.3	7.5	13.1	10.9	9.0	9.8	3.8	38.5
cr026g Connected socially with friends or family	6318	10.8	6.1	9.9	11.8	8.9	9.2	4.6	38.7
cr026h Spent time posting or browsing on Facebook, Twitter, Instagram, or Sna	6318	24.1	5.3	5.2	5.5	5.0	5.9	4.2	44.7
cr026i Had a phone call or video call with a family member or a friend	6319	10.2	9.8	13.1	14.6	10.5	9.7	4.1	28.0
cr026j Messaged or emailed with a family member or friend	6318	11.9	5.1	8.5	9.6	8.5	11.3	4.5	40.6
cr026k Spent time interacting with a family member or friend in person	6320	13.9	9.5	10.4	8.2	5.7	5.3	2.5	44.5
cr026l Smoked all or part of a cigarette	6319	85.0	0.8	0.9	0.6	0.5	0.5	0.4	11.3
cr026m Used an e-cigarette or vaping device to vape e-liquids with nicotine	6319	95.4	0.7	0.3	0.4	0.3	0.2	0.1	2.6

MOSE = +/- 1

cr026a2: [if cr026a > 0] 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	2973	2.7

MOSE = +/- 2

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	6311	59.6	29.2	6.2	4.9
cr027b how often Not being able to stop or control worrying	6313	70.9	20.5	4.5	4.1
cr027c how often Feeling down, depressed, or hopeless	6315	68.5	22.8	4.9	3.9
cr027d how often Little interest or pleasure in doing things	6315	68.2	23.0	4.9	3.9

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	6307	43.1	22.8	24.0	6.5	3.6
cr028b Confident about your ability to handle personal problems	6305	9.9	6.7	22.1	31.8	29.4
cr028c That things were going your way	6312	7.9	9.6	39.3	31.8	11.4
cr028d Difficulties were piling up so high that you could not overcome them	6314	47.1	27.8	19.3	3.7	2.0

MOSE = +/- 1

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	6310	3.9	92.6	3.5
cr029b You received poorer service than other people at restaurants or stores	6309	2.7	94.3	3.0
cr029c People acted as if they were afraid of you	6309	5.3	91.3	3.4
cr029d You were threatened or harassed	6310	0.8	97.3	1.9

MOSE = +/- 1

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

	N	1 Very unlikely	2 Somewhat unlikely	3 Somewhat likely	4 Very likely	5 Unsure
cr030 how likely to get vaccinated for coronavirus once vaccination	6332	16.8	9.0	19.3	43.1	11.8

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	6291	16.6	17.2	39.3	27.0
cr031b Most people believe that people who used to have coronavirus are dangerous	6290	29.0	37.7	28.0	5.3
cr031c Most people believe that having coronavirus is a sign of personal weakness	6288	59.9	27.1	11.1	1.8
cr031d If I caught the coronavirus, I would consider it a sign of my personal weakness	6289	74.7	16.3	7.2	1.8

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

cr049: [if cr026h > 0] 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)	4879	4.4	10.3	34.1	23.4	27.7
cr049b Browsing actively (liking and commenting on posts, pictures, and updates)	4881	6.6	20.4	39.3	20.9	12.8
cr049c Sending messages or chatting with others	4881	8.2	25.8	37.4	14.4	14.3

MOSE = +/- 1

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	0 0 days	1 1 day	2 2 days	3 3 days	4 4 days	5 5 days	6 6 days	7 7 days
cr050f female 4 or more alcoholic beverages within a couple of hours	1578	75.5	12.0	5.4	3.1	1.3	1.3	0.5	1.0

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	0 0 days	1 1 day	2 2 days	3 3 days	4 4 days	5 5 days	6 6 days	7 7 days
cr050m male 5 or more alcoholic beverages within a couple of hours	1398	74.2	10.5	6.2	2.7	1.5	2.0	0.3	2.6

MOSE = +/- 3

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

	N	1 High THC	2 High CBD	3 Balanced THC and CBD	4 Unsure
cr051 contents of cannabis	710	46.2	4.5	24.6	24.7

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	710	72.6	26.1	1.4
cr052b Vaped marijuana, THC, or CBD oils or concentrates	709	22.2	76.2	1.6
cr052c Dabbed	710	8.0	90.2	1.8
cr052d Ingested edibles	710	29.5	67.8	2.7
cr052e Oil	709	11.8	85.7	2.5
cr052f Patches, gels, balms, or lotions	710	5.7	93.0	1.3
cr052g Other	710	3.4	92.9	3.7

MOSE = +/- 4

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	6315	2.2	10.4	28.1	45.7	13.7
cr053b I have a hard time making it through stressful events	6315	19.3	41.7	22.8	13.3	2.8
cr053c It does not take me long to recover from a stressful event	6312	4.0	14.8	27.0	43.5	10.7
cr053d It is hard for me to snap back when something bad happens	6315	18.8	42.9	22.6	13.4	2.4
cr053e I usually come through difficult times with little trouble	6316	2.9	12.6	29.7	44.3	10.5
cr053f I tend to take a long time to get over set-backs in my life	6311	18.7	42.5	24.2	12.3	2.3

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	6290	87.7	12.3
cr054s2 Cancer (other than skin cancer)	6290	94.1	5.9
cr054s3 Heart disease	6290	93.4	6.6
cr054s4 High blood pressure	6290	68.2	31.8
cr054s5 Asthma	6290	88.2	11.8
cr054s6 Chronic lung disease such as COPD or emphysema	6290	95.5	4.5
cr054s7 Kidney disease	6290	97.3	2.7
cr054s8 Autoimmune disorder such as rheumatoid arthritis or Crohns Disease	6290	94.4	5.6
cr054s9 A mental health condition	6290	89.0	11.0
cr054s10 Obesity	6290	83.4	16.6
cr054s11 None of the above	6290	57.3	42.7

MOSE = +/- 1

cr055: [If Yes to cr054] Did the doctor or other health professional first say that you have [CONDITION] before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr055a diabetes	778	97.7	0.7	1.6
cr055b cancer (other than skin cancer)	450	95.0	1.9	3.1
cr055c heart disease	433	98.1	1.1	0.8
cr055d high blood pressure	2027	98.0	1.0	1.0
cr055e asthma	734	98.5	0.7	0.8
cr055f chronic lung disease such as COPD or emphysema	264	99.1	0.3	0.6
cr055g kidney disease	169	95.0	1.1	3.9
cr055h an autoimmune disorder such as rheumatoid arthritis or Crohns disease	387	97.4	1.2	1.4
cr055i a mental health condition	699	97.7	1.2	1.1
cr055j obesity	1141	97.7	1.0	1.3

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	6308	16.7	80.1	3.2
cr056b Attention deficit hyperactivity disorder (ADHD)	6312	4.5	93.2	2.3
cr056c Bipolar disorder	6308	3.6	94.4	2.1
cr056d An eating disorder	6310	2.1	96.0	1.9
cr056e Depression or another depressive disorder	6311	19.8	77.6	2.6
cr056f Obsessive-compulsive disorder (OCD)	6313	3.5	93.9	2.7
cr056g Post-traumatic stress disorder (PTSD)	6307	6.7	90.7	2.6
cr056h Schizophrenia or another psychotic disorder	6307	0.9	97.4	1.7
cr056i other mental issue	6195	2.4	91.8	5.7

MOSE = +/- 1

cr057a: [cr056a = 1] Did the doctor or other health professional first say that you have an anxiety disorder before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057a since when an anxiety disorder	1011	97.9	1.2	0.9

MOSE = +/- 3

cr057b: [cr056b = 1] Did the doctor or other health professional first say that you have attention deficit hyperactivity disorder (ADHD) before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057b since when attention deficit hyperactivity disorder (ADHD)	234	95.3	1.8	2.9

MOSE = +/- 6

cr057c: [cr056c = 1] Did the doctor or other health professional first say that you have bipolar disorder before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057c since when bipolar disorder	171	95.4	2.5	2.1

MOSE = +/- 7

cr057d: [cr056d = 1] Did the doctor or other health professional first say that you have an eating disorder before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057d since when an eating disorder	131	94.4	1.9	3.7

MOSE = +/- 9

cr057e: [cr056e = 1] Did the doctor or other health professional first say that you have depression or another depressive disorder before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057e since when depression or another depressive disorder	1288	97.7	1.4	1.0

MOSE = +/- 3

cr057f: [cr056f = 1] Did the doctor or other health professional first say that you have obsessive-compulsive disorder (OCD) before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057f since when obsessive-compulsive disorder (OCD)	189	94.5	1.8	3.7

MOSE = +/- 7

cr057g: [cr056g = 1] Did the doctor or other health professional first say that you have post-traumatic stress disorder (PTSD) before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057g since when post-traumatic stress disorder (PTSD)	425	97.6	0.8	1.6

MOSE = +/- 5

cr057h: [cr056h = 1] Did the doctor or other health professional first say that you have schizophrenia or another psychotic disorder before or after March 10, 2020?

	N	1 Before March 10, 2020	3 Unsure
cr057h since when schizophrenia or another psychotic disorder	45	92.8	7.2

MOSE = +/- 15

cr057i: [cr056i = 1] Did the doctor or other health professional first say that you have other mental health condition before or after March 10, 2020?

	N	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure
cr057i since when other mental issue	170	86.4	3.0	10.6

MOSE = +/- 8

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

	N	1 Not at all or less than 1 day	2 1-2 days	3 3-4 days	4 5-7 days
cr058 how often have you felt lonely	6314	65.8	19.2	8.2	6.7

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	6310	3.4	94.9	1.7
cr059b A live video, phone, or chat interaction	6310	10.4	88.2	1.4
cr059c Non-live communication (such as by email)	6311	6.8	91.7	1.4

MOSE = +/- 1

cr060: Thinking about your sexual identity, how would you define yourself?

	N	Homosexual or gay or lesbian or not straight	Bisexual	Heterosexual or straight or not gay	Some other description
cr060 sexual identity	6309	2.8	3.4	91.1	2.7

MOSE = +/- 1

cr061: Thinking about your gender identity, how would you define yourself? (Check all that apply)

	N	0 No	1 Yes
cr061s1 Woman	6312	48.3	51.7
cr061s2 Man	6312	52.3	47.7
cr061s3 Trans woman	6312	100.0	0.0
cr061s4 Trans man	6312	99.8	0.2
cr061s5 Non-binary, gender-nonconforming, or genderqueer	6312	99.3	0.7
cr061s6 Some other description (please specify): cr061_other	6312	99.7	0.3

MOSE = +/- 1

5 Economic and Food Security

lr001: [If reported having job in previous wave] 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 [date of earlier 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	3122	96.5	0.5	1.0	0.6	0.4	1.1

MOSE = +/- 2

lr002: [IF lr001 = 2 OR lr001 = 3 OR lr001 = 4] Are you still receiving benefits such as health insurance through your former job?

	N	1 Yes	2 No	3 Unsure
lr002 still receiving benefits	53	33.2	61.3	5.5

MOSE = +/- 13

lr003: [If reported no job in previous wave] 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	I am retired	I am not in the labor force
lr003 employment status prev no job	1255	64.3	3.7	11.5	11.1	9.4

MOSE = +/- 3

lr003a: [If didn't report anything about employment status in previous wave] Do you currently have a job?

	N	1 Yes	2 No
lr003a currently have job	97	62.7	37.3

MOSE = +/- 10

lr003aa: [If reported being laid off in previous wave] 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	413	16.0	72.7	5.3	1.3	0.9	3.8

MOSE = +/- 5

lr003bb: [If reported on sick leave or other leave from job] 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	134	10.7	66.1	1.2	11.0	2.1	9.0

MOSE = +/- 8

lr003cc: [If reported having retired in previous wave] You told us in [previous survey] that you were retired. Which statement best reflects your current employment status?

	N	I am still retired	I now have a job	None of these
lr003cc job status after retired	1082	98.5	0.2	1.3

MOSE = +/- 3

lr003dd: [If reported not in labor force in previous wave] You told us in [previous survey] that you were not in the labor force. Which statement best reflects your current employment status?

	N	I am still not in the labor force	I now have a job	I am unemployed and looking for work	I am retired	None of these
lr003dd job status after not in labor force	215	64.3	3.5	5.0	17.2	10.0

MOSE = +/- 7

lr004: Respondent is current employed - filled based on responses from lr001 through lr003dd

	N	1 Yes	2 No
lr004 r currently has a job	6317	51.6	48.4

MOSE = +/- 1

lr005: [IF lr004 = 1] In your primary job, are you self-employed or do you work for an employer?

	N	1 Self-employed	2 Work for an employer	3 Other (specify) lr005_other
lr005 self employed or work for employer	3201	10.2	89.1	0.7

MOSE = +/- 2

lr006: [IF lr004 = 1] 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	3199	3.6	1.9	2.7	6.5	12.0	55.4	9.1	8.7

MOSE = +/- 2

lr007: [IF lr004 = 1] 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	3200	53.3	2.7	2.7	4.3	4.3	23.0	2.4	7.3

MOSE = +/- 2

lr008: [IF lr004 = 1] 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	3194	35.8

MOSE = +/- 2

lr009: [IF lr004 = 1] Have your work hours been reduced since [date of previous survey] ?

	N	1 Yes	2 No	3 Unsure
lr009 hours reduced since previous survey	3199	13.5	85.2	1.3

MOSE = +/- 2

lr010: [IF lr004 = 1] How frequently are you paid for your job?

	N	Monthly	Every two weeks	Every week	Every day	Other	Twice a month
lr010 how frequently paid	3198	11.1	44.5	17.9	0.9	4.4	21.2

MOSE = +/- 2

lr011: [IF lr004 = 1] What was the amount on your most recent paycheck?

	N	mean
lr011 amount most recent paycheck	3138	9212.5

MOSE = +/- 2

lr012: [IF lr004 = 1] 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	3171	20.0	75.6	4.4

MOSE = +/- 2

lr013: [IF lr004 = 1] 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	3198	25.5	25.0	15.0	34.6

MOSE = +/- 2

lr014: [IF lr013 > 1 AND lr005 = 2] 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	2300	48.3	45.0	6.7

MOSE = +/- 2

lr015: [IF lr004 = 1] 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	3197	12.3

MOSE = +/- 2

lr016: [IF lr004 = 2] 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	3108	10.0	86.8	3.2

MOSE = +/- 2

lr017: [IF lr016 = 1] How much did you receive in unemployment insurance in your most recent payment?

	N	mean
lr017 amount unemployment insurance	357	878.8

MOSE = +/- 5

lr017a: [if lr017 > 0] How often do you expect to receive this amount?

	N	Once every week	Once every two weeks	Once every month	Another interval	Unsure
lr017a how often receive unemployment insurance	357	59.5	30.5	2.9	1.7	5.5

MOSE = +/- 5

lr018: [IF lr016 = 2 OR lr016 = 3] 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	2736	97.2	2.8
lr018s2 I am not eligible for other reasons	2736	41.5	58.5
lr018s3 I am unsure how to apply	2736	97.8	2.2
lr018s4 I was approved but I havent been paid yet	2736	97.5	2.5
lr018s5 I applied and was rejected	2736	97.9	2.1
lr018s6 I decided not to apply	2736	89.6	10.4
lr018s7 Other	2736	70.9	29.1

MOSE = +/- 2

lr019: [IF lr004 = 1] Do any of the following describe your primary job? Please check all that apply.

	N	0 No	1 Yes
lr019s1 Independent contractor (for example, freelance worker, Uber driver, Instacart wo	3193	91.5	8.5
lr019s2 On-call worker or day laborer	3193	94.7	5.3
lr019s3 Temporary agency worker	3193	99.4	0.6
lr019s4 Contract company worker	3193	86.8	13.2
lr019s5 None of the above	3193	27.0	73.0

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	6309	13.4	33.6	8.1	8.2	19.2	17.5

MOSE = +/- 1

lr020: [if lr005 = 2] Has your employer instructed you to work from home?

	N	1 Yes	2 No	3 Unsure
lr020 employer instructed you to work from home	2812	42.0	57.3	0.7

MOSE = +/- 2

lr020a: [if lr019a in [1,2,3,4]] 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	Never	Less than once per week	1-2 times per week	Several times per week	Nearly every day	Every day
lr020a	4006	15.4	7.0	6.3	11.3	16.9	43.1

MOSE = +/- 2

lr021: [if lr019a in [1,2,3]] 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	3436	4.9	7.5	5.2	6.4	7.3	14.9	9.3	11.7	15.6	9.6	7.6

MOSE = +/- 2

lr022: [lr019a = 4] Including yourself, how many people worked in your business or organization in February 2020?

	N	1(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	56.7	22.8	7.5	3.0	1.2	0.3	1.2	1.2	1.6	0.4	0.7	3.5

MOSE = +/- 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	6291	29.4	58.1	12.5
lr023b Ordered them to substantially limit operations	6291	44.5	43.2	12.3
lr023c Ordered employees to work from home	6292	39.9	45.9	14.2

MOSE = +/- 1

lr024a: [if lr023a = 1] Has the government allowed businesses or organizations like yours to reopen?

	N	1 Yes, completely	2 Yes, partially or with restrictions	3 No	4 Unsure
lr024a government allowed to reopen	1926	8.5	50.3	29.5	11.7

MOSE = +/- 2

lr024b: [if lr023b = 1] Has the government allowed businesses or organizations like yours to resume normal operations?

	N	1 Yes, completely	2 Yes, partially or with restrictions	3 No	4 Unsure
lr024b government allowed to resume fully	2857	7.8	51.1	30.4	10.7

MOSE = +/- 2

lr024c: [if lr023c = 1] Has the government allowed employees to stop working from home?

	N	1 Yes	2 No	3 Unsure
lr024c government allowed to stop working from home	2649	21.7	51.9	26.4

MOSE = +/- 2

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

	N	1 Yes	2 No	3 Unsure
lr025 government identified business as essential	4002	62.0	25.9	12.1

MOSE = +/- 2

lr026: [IF lr004 = 1] 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 currently interaction within six feet	3199	31.9	9.1	7.1	8.1	13.6	30.1

MOSE = +/- 2

lr026a: Are you married, or do you have a partner who you live with?

	N	1 Yes	2 No
lr026a married or with partner	6305	65.5	34.5

MOSE = +/- 1

lr027: [if lr026a = 1] Which statement best reflects the employment status of your spouse or partner in February 2020?

	N	employed and had a job	unemployed and looking for work	temporarily laid off	on sick leave or other leave	was not in the labor force	retired	None of these
lr027	4092	55.9	3.2	3.3	0.6	10.9	19.1	7.0

MOSE = +/- 2

lr028: [if lr026a = 1] Which statement best reflects the current employment status of your spouse or partner?

	N	employed and had a job	unemployed and looking for work	temporarily laid off	on sick leave or other leave	was not in the labor force	retired	None of these
lr028	4091	53.7	4.4	5.1	1.2	10.8	19.5	5.3

MOSE = +/- 2

lr030: [if lr028 = 1] Have your spouse or partner's hours been reduced since February 2020?

	N	1 Yes	2 No	3 Unsure
lr030 spouse/partner hours reduced	2156	19.4	78.8	1.8

MOSE = +/- 2

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	6298	16.3

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	6306	7.2	90.0	2.8

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	6306	6.6	91.4	2.0

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	6304	2.4	96.0	1.6

MOSE = +/- 1

6   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	6295	14.3	82.9	2.8
ei005b Medicare	6296	26.2	71.1	2.7
ei005c Social Security	6295	26.5	71.2	2.3
ei005d Supplemental Security Income (SSI)	6290	5.3	92.1	2.5
ei005e Social Security Disability Insurance (SSDI)	6295	8.3	89.6	2.1
ei005f Special Supplemental Assistance Program for Women, Infants, and Children (WIC)	6295	3.3	95.1	1.6
ei005g Temporary Assistance for Needy Families (TANF)	6295	0.8	97.5	1.8
ei005h Supplemental Nutrition Assistance Program (SNAP or Food Stamps)	6297	13.5	84.9	1.6
ei005i Childrens Health Insurance Program (CHIP)	6287	2.1	96.0	1.9
ei005j Housing Assistance (e.g. Section 8 or vouchers)	6294	1.8	96.7	1.5
ei005k Earned Income Tax Credit (EITC)	6298	1.9	95.5	2.5
ei005l Economic stimulus funds	6297	48.5	48.5	3.0
ei005m Aid for people or businesses affected by the coronavirus epidemic	6294	3.3	94.1	2.6

MOSE = +/- 1

ei006: [IF ei005h = 1] 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	727	93.7	3.1	3.2

MOSE = +/- 4

7   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	6311	82.9	15.4	1.6

MOSE = +/- 1

ei008: Do you owe money on student loans?

	N	1 Yes	2 No
ei008 owe money on student loans	6304	18.3	81.7

MOSE = +/- 1

ei009: [IF ei008 = 1] 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	1183	59.7	40.3

MOSE = +/- 3

ei010: [IF ei008 = 1] 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	1182	38.7	61.3

MOSE = +/- 3

ei011: Do you have a mortgage?

	N	1 Yes	2 No
ei011 do you have a mortgage	6302	38.7	61.3

MOSE = +/- 1

ei012: [IF ei011 = 1] 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	2571	19.1	80.9

MOSE = +/- 2

ei013: [IF ei011 = 1] 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	2571	9.3	90.7

MOSE = +/- 2

ei014: Do you rent your primary residence?

	N	1 Yes	2 No
ei014 rent primary residence	6303	29.3	70.7

MOSE = +/- 1

ei015: [IF ei014 = 1] 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	1862	15.9	84.1

MOSE = +/- 2

ei016: [IF ei014 = 1] 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	1864	10.4	89.6

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	6304	54.3	14.2	7.3	13.8	7.6	2.8

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	6271	42.7	51.0	6.4
ei018b By putting it on my credit card and paying it off over time	6258	25.1	69.3	5.6
ei018c With the money currently in my checking/savings account or with cash	6278	62.5	31.3	6.3
ei018d Using a bank loan or line of credit	6260	6.5	87.8	5.7
ei018e By borrowing from a friend or family member	6265	17.4	75.8	6.7
ei018f Using a payday loan, deposit advance, or overdraft	6271	3.5	91.8	4.8
ei018g By selling something	6271	12.8	80.5	6.7
ei018h I wouldnt be able to pay for the expense right now	6274	11.8	78.2	10.0

MOSE = +/- 1

8 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	6303	1.0	97.2	1.8

MOSE = +/- 1

ei020: Do you agree or disagree with each of the following statements?

	N	1 Strongly disagree	2 Disagree	3 Agree	4 Strongly agree
ei020 My neighborhood is clean	6299	2.0	8.3	53.8	35.9
ei021 There is too much crime in my neighborhood	6299	41.4	45.2	10.9	2.5
ei022 Vandalism is common in my neighborhood	6301	45.6	43.5	8.8	2.1
ei023 There are too many people hanging around on the streets near my home	6301	45.7	41.7	10.1	2.5

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 threat coronavirus outbreak to household finances	6303	10.7	34.6	36.4	18.2

MOSE = +/- 1

9 Entrepreneurship

We have several questions for business owners, entrepreneurs, self-employed people, and people who employ others in their businesses in addition to themselves.

en001a: I was a business owner

	N	1 Yes	2 No	3 Unsure
en001a I was a business owner	6301	6.9	91.5	1.6

MOSE = +/- 1

en001b: I was self-employed

	N	1 Yes	2 No	3 Unsure
en001b I was self-employed	6301	11.1	87.0	1.9

MOSE = +/- 1

en001c: I was an entrepreneur who employed at least one other person

	N	1 Yes	2 No	3 Unsure
en001c I was an entrepreneur who employed at least one other person	6302	2.0	96.4	1.6

MOSE = +/- 1

en003: [if en001a = 1 OR en001b = 1 OR en001c = 1] What were the total monthly receipts or income of your business or entrepreneurial activity in February 2020? If you're not sure, just give your best guess.

	N	mean
en003 total monthly receipts or income	836	13340.2

MOSE = +/- 3

en004: [if en001a = 1 OR en001b = 1 OR en001c = 1] How many full-time employees other than yourself did you have in February 2020?

	N	mean
en004 number of full-time employees	852	3.4

MOSE = +/- 3

en005: [if en001a = 1 OR en001b = 1 OR en001c = 1] How many part-time employees other than yourself did you have in February 2020? Only count people who worked on your payroll for at least 30 hours per week for at least one week.

	N	mean
en005 number of part-time employees	853	2.2

MOSE = +/- 3

en006: [if en001a = 1 OR en001b = 1 OR en001c = 1] Which tools did you use to operate your business or entrepreneurial activities online in February 2020? Please mark all that apply.

	N	1 Yes	2 No	3 Unsure
en006a Zoom	857	17.2	80.8	1.9
en006b Google Hangouts	857	6.5	91.4	2.2
en006c Google Duo	855	3.7	94.1	2.2
en006d Skype	857	8.3	90.0	1.7
en006e Website(s)	856	44.8	53.5	1.7
en006f Email	856	68.4	29.7	1.9
en006g Phone	857	82.1	16.6	1.3
en006h Text messaging	856	67.9	30.5	1.6
en006i Other tool	847	10.2	81.2	8.6

MOSE = +/- 3

en007: [if en001a = 1 OR en001b = 1 OR en001c = 1] Do any of the following descriptions apply to you now?

	N	1 Yes	2 No	3 Unsure
en007a I am a business owner	6298	6.9	91.5	1.7
en007b I am self-employed	6300	10.3	87.8	1.9
en007c I am an entrepreneur who employed at least one other person	6300	2.2	96.4	1.4

MOSE = +/- 1

en008: [if en007a in [2,3] OR en007b in [2,3] OR en007c in [2,3]] Do any of the following descriptions apply to you now?

	N	1 Yes	2 No	3 Unsure
en008a I am interested in becoming a business owner	5828	11.7	82.9	5.4
en008b I am interested in becoming self-employed	5574	14.8	79.2	6.0
en008c I am interested in becoming an entrepreneur who employs at least one other perso	6170	10.9	83.3	5.8

MOSE = +/- 1

en009: [if en007a = 1 OR en007b = 1 OR en007c = 1] How much are the expected total receipts or income of your business or entrepreneurial activity in May 2020? If you're not sure, just give your best guess.

	N	mean
en009 expected total monthly receipts or income	798	11393.8

MOSE = +/- 3

en010: [if en007a = 1 OR en007b = 1 OR en007c = 1] How many full-time employees other than yourself do you have currently?

	N	mean
en010 currently number of full-time employees	809	7.0

MOSE = +/- 3

en011: [if en007a = 1 OR en007b = 1 OR en007c = 1] How many part-time employees other than yourself do you have currently?

	N	mean
en011 currently number of part-time employees	811	3.9

MOSE = +/- 3

en012: [if en007a = 1 OR en007b = 1 OR en007c = 1] Which tools do you currently use to operate your business or entrepreneurial activities online? Please mark all that apply.

	N	1 Yes	2 No	3 Unsure
en012a Zoom	813	20.5	77.8	1.7
en012b Google Hangouts	815	5.8	92.2	2.0
en012c Google Duo	815	4.1	94.2	1.7
en012d Skype	815	7.5	90.4	2.1
en012e Website(s)	816	46.8	51.0	2.3
en012f Email	814	71.6	26.7	1.7
en012g Phone	815	83.1	15.9	1.0
en012h text messaging	816	67.9	30.4	1.7
en012i other tool	811	11.4	80.3	8.3

MOSE = +/- 3

en013: [if en007a = 1 OR en007b = 1 OR en007c = 1] Do you currently have any cash reserves?

	N	1 Yes	2 No	3 Unsure
en013 have any cash reserves	816	62.8	33.2	4.1

MOSE = +/- 3

en013a: [if en013 = 1] How long will your current cash reserves allow you to continue your business or entrepreneurial activity?

	N	1 Less than 3 months	2 3-6 months	3 7-12 months	4 More than 12 months	5 Unsure
en013a how long cash reserves will allow to continue	533	29.0	27.5	9.2	21.7	12.6

MOSE = +/- 4

en014: [if en007a = 1 OR en007b = 1 OR en007c = 1] Have you used any of the following financing strategies since February 2020?

	N	1 Yes	2 No	3 Unsure
en014a I have borrowed from private lenders	815	3.7	94.3	1.9
en014b I have borrowed from government or stimulus programs	815	10.0	87.5	2.5
en014c I have received grants from private individuals	816	1.4	96.7	1.8
en014d I have received grants from the government or stimulus programs	816	14.6	82.7	2.8
en014e other financing strategy	813	2.3	92.4	5.3

MOSE = +/- 3

en015: [if en007a = 1 OR en007b = 1 OR en007c = 1] Has the coronavirus epidemic had a positive impact, a negative impact, or no impact on the finances of your business or entrepreneurial activity?

	N	1 A positive impact	2 A negative impact	3 No impact	4 Unsure
en015 corona impact on finances	815	6.5	57.7	26.6	9.2

MOSE = +/- 3

en016: [if en007a = 1 OR en007b = 1 OR en007c = 1] Has the coronavirus epidemic led you to accelerate, delay, or not change the expansion of your business or entrepreneurial activity?

	N	1 Delay	2 Accelerate	3 Neither delay nor accelerate	4 Unsure
en016 corona led to change expansion	815	28.4	3.3	53.6	14.6

MOSE = +/- 3

en017: [if en007a = 1 OR en007b = 1 OR en007c = 1] Has the coronavirus epidemic interfered with your normal business operations?

	N	1 Yes	2 No	3 Unsure
en017 corona interfered with normal business operations	815	59.6	31.4	9.0

MOSE = +/- 3

en017a: [if en017 = 1] Once your business operations return to normal, how long will it take for your business or entrepreneurial activity to return to its level of monthly receipts or income in February 2020?

	N	1 Less than 3 months	2 3-6 months	3 7-12 months	4 More than 12 months	5 Unsure
en017a how long to return to February 2020 income	503	31.9	22.6	16.8	8.7	20.0

MOSE = +/- 4

en018: [if en007a = 1 OR en007b = 1 OR en007c = 1] Have you responded to the coronavirus epidemic by creating any new businesses or entrepreneurial activities?

	N	1 Yes	2 No	3 Unsure
en018 corona created new businesses	815	9.3	84.7	6.0

MOSE = +/- 3

en018a: [if en018 = 1] Do any of these businesses or activities deliver food or other essential products to people who are self-isolating or sheltering at home?

	N	1 Yes	2 No	3 Unsure
en018a corona food or other essential when created new businesses	90	20.7	79.2	0.2

MOSE = +/- 10

en018b: [if en018 = 1] Do any of these businesses or activities provide medical services to people who are self-isolating or sheltering at home?

	N	1 Yes	2 No	3 Unsure
en018b corona medical services when created new businesses	89	4.9	95.0	0.1

MOSE = +/- 10

en018c: [if en018 = 1] Do any of these businesses or activities provide mental health counseling to people who are self-isolating or sheltering at home?

	N	1 Yes	2 No	3 Unsure
en018c corona mental health when created new businesses	89	5.7	94.1	0.1

MOSE = +/- 10

en019: [if en007a = 1 OR en007b = 1 OR en007c = 1] Have you moved any of your business or entrepreneurial activities online in response to the coronavirus epidemic?

	N	1 Yes	2 No	3 Unsure
en019 moved business activities online	814	11.5	83.0	5.5

MOSE = +/- 3

en020: [if en007a = 1 OR en007b = 1 OR en007c = 1] What is the percent chance your current business or entrepreneurial activity will still exist in two years?

	N	mean
en020 chance current business or entrepreneurial activity will still exist in tw	812	69.3

MOSE = +/- 3

en021: [if en007a = 1 OR en007b = 1 OR en007c = 1] Compared to its size in February 2020, do you think your current business or entrepreneurial activity will be larger or smaller in two years?

	N	It will be larger	It will be around the same size	It will be smaller	Unsure
en021 current business or entrepreneurial activity larger or smaller	766	30.1	42.1	10.0	17.8

MOSE = +/- 4

en022: [if en008a = 1 OR en008b = 1 OR en008c = 1] Has the coronavirus epidemic made it more or less likely that you will start a new business or entrepreneurial activity in the next 12 months?

	N	Much more likely	Somewhat more likely	About the same	Somewhat less likely	Much less likely	Unsure
en022 corona how likely new business in next 12 months	1049	8.4	9.6	31.0	14.3	20.3	16.4

MOSE = +/- 3

en023: [if en008a = 1 OR en008b = 1 OR en008c = 1] Do you plan to start a new business or entrepreneurial activity in the next 12 months?

	N	1 Yes	2 No	3 Unsure
en023 plan to start new business in next 12 months	1049	17.4	49.2	33.4

MOSE = +/- 3

en024: [if en008a = 1 OR en008b = 1 OR en008c = 1] Have you already begun the process of starting a new business or entrepreneurial activity?

	N	1 Yes	2 No	3 Unsure
en024 begun process of starting new business	1049	11.6	81.5	6.9

MOSE = +/- 3

en024a: [if en024 = 1] Which of the following steps have you taken toward starting a new business or entrepreneurial activity?

	N	1 Yes	2 No	3 Unsure
en024a Conduct market research	166	70.2	27.8	2.0
en024b Define the business model	166	70.5	27.0	2.5
en024c Seek financing	165	18.9	79.2	2.0
en024d Pick a business location	166	35.0	58.1	6.9
en024e Select distribution channels	166	32.6	57.6	9.8
en024f Choose a business name	166	67.1	29.4	3.5
en024g Register the business	166	21.2	74.4	4.4
en024h Get Federal and state tax IDs	166	21.0	73.5	5.5
en024i Apply for licenses and permits	166	13.1	83.9	3.0
en024j Open a business bank account	166	12.8	85.2	2.0
en024k other step taken to starting new business	164	8.8	81.8	9.4

MOSE = +/- 8

en025: [if en001a = 1 OR en001b = 1 OR en001c = 1] In February 2020, did you use gig economy workers to support your business or entrepreneurial activity?

	N	1 Yes	2 No	3 Unsure
en025 February 2020 use gig economy workers to support business or entrepreneurial act	856	5.9	87.7	6.4

MOSE = +/- 3

en026: [if en007a = 1 OR en007b = 1 OR en007c = 1] Do you currently use gig economy workers to support your business or entrepreneurial activity?

	N	1 Yes	2 No	3 Unsure
en026 currently use gig economy workers to support business or entrepreneurial activit	814	3.9	90.3	5.8

MOSE = +/- 3

en027: [if en007a = 1 OR en007b = 1 OR en007c = 1] Do you think you will use gig economy workers to support your business or entrepreneurial activity in the next 12 months?

	N	1 Yes	2 No	3 Unsure
en027 expected use gig economy workers to support business or entrepreneurial activity	814	7.6	74.8	17.6

MOSE = +/- 3

en028: Did you personally take on gig economy tasks in February 2020?

	N	1 Yes	2 No	3 Unsure
en028 February 2020 personally take on gig economy tasks	6301	2.6	91.7	5.7

MOSE = +/- 1

en029: Are you currently doing any gig economy tasks?

	N	1 Yes	2 No	3 Unsure
en029 currently personally take on gig economy tasks	6300	1.7	93.3	5.1

MOSE = +/- 1

en030: Do you think you will take on gig economy tasks in the next 12 months?

	N	1 Yes	2 No	3 Unsure
en030 expected personally take on gig economy tasks	6299	4.0	80.5	15.5

MOSE = +/- 1