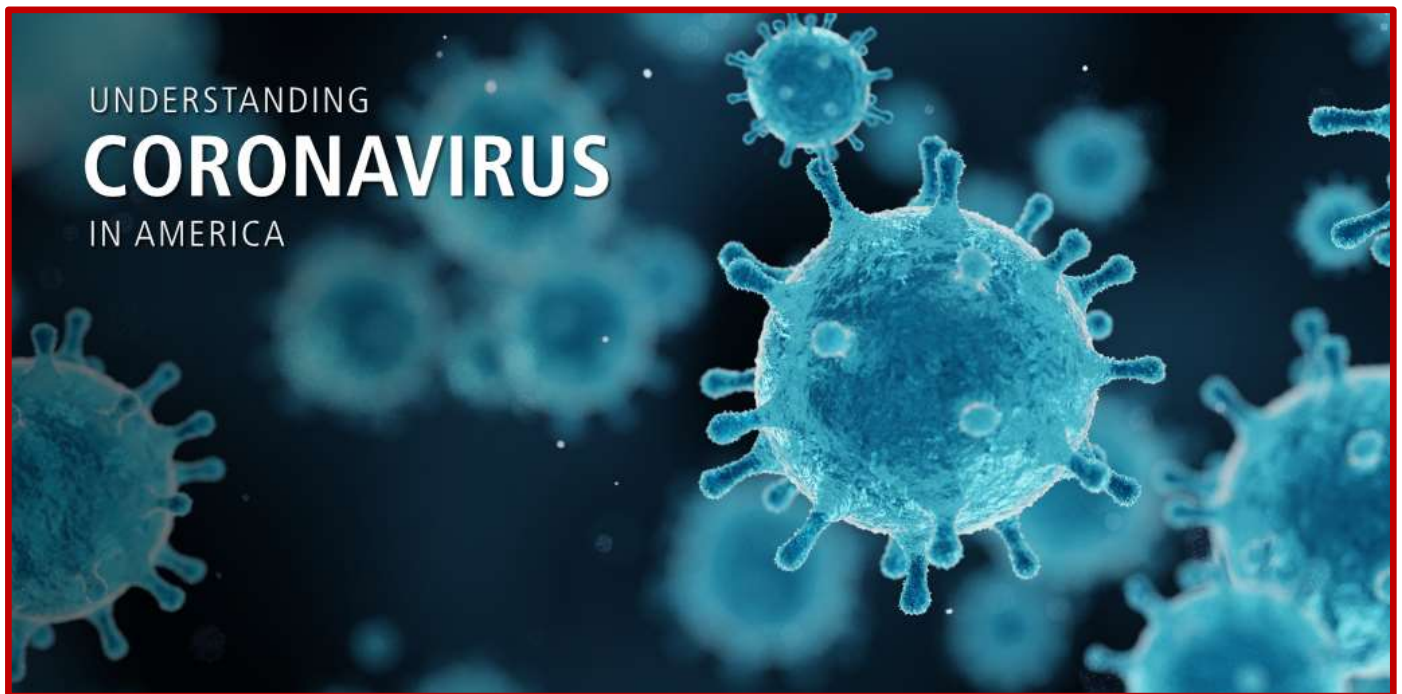


**Center for Economic and Social Research
Understanding America Study**



**Coronavirus Tracking Survey
Methodology and Selected Topline Results**

**UAS 252 – Wave 9
July 8 – August 4, 2020**

August 5, 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 7 of the tracking survey, administered from July 8 to August 4, 2020.

Sample Information

A total of 6,289 adult residents of the U.S. participated in this wave and are included in the final UAS250 data file. Margin of sampling error for the full sample is +/-1.

A total of 7,490 panel members were eligible to be included in the weighted sample, resulting in a participation rate of 84% for this wave. The sample includes 64 who started but did not complete the survey.

Panel members included in the raw data (available upon request) but excluded from the weighted sample files were recruited via listed sample for a specific project and are not included in the topline estimates, or in the associated data files.

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.

Tracking Survey Design

Each panel member is randomized to respond on a pre-assigned day of the week, distributed so that our full sample is invited to participate over a 14-day period. Respondents have until their next assigned wave day (or 14 days) to complete the survey but receive an extra \$1 incentive for completing the survey on their assigned day. Most respondents (90%) participated on their assigned day of the wave, between June 24 and July 7, 2020, and earned the bonus incentive. The rest of the sample (10%) completed the survey after their assigned day but within their allotted 14-day window. Data for the full sample is thus not final until the end of a 28-day period. Microdata files are released after each full wave.

Los Angeles County residents are invited to participate 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 two weeks. 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 21-day period, as LA County residents are given a week to respond to each survey. LA County sample files are available from uasdata.usc.edu/page/Covid-19+Home.

Interactive graphic results: The survey design allows us to provide daily updates to 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 California and Los Angeles County sub-samples. The graphs may be run for overall results, or among categories of age, race/ethnicity, gender, education, and income, when sample size allows. 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

Questionnaire

Survey wording and question text are provided in this topline release, but for full wording including context, 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 questionnaires associated with this release are available without need for registration at <https://uasdata.usc.edu/page/COVID-19+Corona+Virus>.

Weights

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.

About the Understanding America Study Internet Panel

The Understanding America Study (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.

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 panel website at <https://UASdata.usc.edu>.

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, the Bill & Melinda Gates Foundation, and many other donors.

Topline Report

Survey dates July 8 – August 4, 2020

Sample size 6,289 Adult U.S. Residents

This report provides the sample characteristics for the UAS 252 weighted national sample, as well as brief summaries of responses to the questions included in the UAS 252 data file. Full questionnaires, longitudinal and single data files, and other survey and panel 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	41%	48%
Age(18-34)	18%	24%
Age(35-54)	38%	38%
Age(55-64)	21%	18%
Age(65+)	23%	20%
Low education (HS or less)	21%	38%
Medium education (Some College)	37%	28%
High education (College degree)	42%	34%
HH income (\$0-24,999)	19%	23%
HH income (\$25,000-49,999)	22%	23%
HH income (\$50,000-74,999)	19%	19%
HH income (\$75,000 and above)	40%	36%
Non-Hispanic White	66%	63%
Non-Hispanic Black	8%	12%
Non-Hispanic Asian	6%	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 this 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	6263	1.6	97.9	0.5
cr001b Runny or stuffy nose	6266	15.5	83.6	0.9
cr001c Chest congestion	6266	3.7	95.5	0.8
cr001d cough	6262	9.2	90.0	0.8
cr001e Sore throat	6266	5.2	94.0	0.8
cr001f Sneezing	6269	17.4	82.0	0.6
cr001g Muscle or body aches	6262	14.0	85.3	0.7
cr001h Headaches	6265	16.6	82.9	0.5
cr001i Fatigue or tiredness	6265	19.2	80.0	0.8
cr001j Shortness of breath	6267	6.0	93.3	0.8
cr001k Abdominal discomfort	6262	6.7	92.7	0.6
cr001l Vomiting	6264	1.3	98.2	0.5
cr001m Hair Loss	6268	2.4	96.6	1.0
cr001n Dry skin	6267	9.3	90.0	0.6
cr001o Body temperature higher than 100.4 F or 38.0 C	6268	0.6	98.4	1.0
cr001p Diarrhea	6263	6.7	92.8	0.5
cr001q Lost sense of smell	6265	0.9	98.4	0.7
cr001r Skin Rash	6265	2.2	97.4	0.4

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	6270	0.6	6.6	1.5	91.3

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	6265	0.7	98.0	1.3

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	6217	0.7	99.3

MOSE = +/- 1

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	91	25.3	74.7

MOSE = +/- 10

cr013: Do you currently have health insurance?

	N	1 Yes	2 No	3 Unsure
cr013 have health insurance	6265	87.3	11.2	1.5

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	6252	10.1	89.4	0.5
cr015b Gone to the grocery store or pharmacy	6256	81.8	17.6	0.6
cr015c Gone to a friend, neighbor, or relatives residence (that is not your own)	6253	46.2	53.3	0.5
cr015d Had visitors such as friends, neighbors or relatives at your residence	6258	44.4	54.9	0.6
cr015e Attended a gathering with more than 10 people, such as a reunion, wedding, funer	6255	17.1	82.2	0.6
cr015f Sought care from a hospital or health care facility	6253	8.8	90.7	0.6
cr015g Been placed in isolation or quarantine	6255	3.2	95.7	1.0
cr015h Remained in your residence at all times, except for essential activities or exer	6256	42.8	55.9	1.3
cr015i Shared items like towels or utensils with other people	6250	25.0	74.2	0.8
cr015j Had close contact (within 6 feet) with people who live with you	6251	79.2	20.0	0.7
cr015k Had close contact (within 6 feet) with people who do not live with you	6255	61.9	36.9	1.2
cr015l Gone outside to walk, hike, or exercise	6257	75.0	24.4	0.6
cr015m Attended a political rally, protest, or demonstration	6248	0.6	98.8	0.6
cr015n Attended an in-person religious service	6258	8.2	91.1	0.7
cr015r Traveled by airplane	6246	1.4	97.9	0.7
cr015s Traveled by public transportation (bus, subway, commuter rail, etc.)	6254	2.9	96.7	0.4

MOSE = +/- 1

cr069: [if cr015a = 1 OR cr015b = 1 OR cr015c = 1 OR cr015d = 1 OR cr015e = 1 OR cr015f = 1 OR cr015k = 1 OR cr015l = 1 OR cr015m = 1 OR cr015n = 1 OR cr015r = 1 OR cr015s = 1] For each of the following activities, please indicate how often, if ever, you wore a mask or face covering.

	N	Always	Most of the time	Sometimes	Rarely	Never	Unsure
cr069a gone out to a bar, club, or other place where people gather	574	23.4	14.5	15.9	16.9	29.0	0.3
cr069b gone to the grocery store or pharmacy	5193	68.9	10.2	10.0	4.8	5.9	0.2
cr069c friend, neighbor, or other relatives residence	2810	8.6	8.8	17.3	15.6	49.4	0.3
cr069d visitors such as friends, neighbors, or relatives at residence	2714	4.9	6.6	12.8	15.1	60.4	0.2
cr069e attended a gathering with more than 10 people	1027	18.1	11.5	17.7	15.2	37.0	0.5
cr069f sought care from a hospital or health care facility	554	77.1	8.8	4.1	4.5	5.3	0.1
cr069k had close contact (within 6 feet) with people who do not live with you	3857	22.1	21.0	22.4	12.4	21.6	0.4
cr069l gone outside to walk, hike, or exercise	4824	11.5	8.6	13.4	13.2	53.2	0.1
cr069m attended a political rally, protest, or demonstration	39	44.4	8.7	4.8	6.7	28.1	7.3
cr069n attended an in-person religious service	497	33.8	8.0	12.4	8.1	37.6	0.1
cr069r traveled by airplane	99	83.2	1.3	1.4	6.3	6.8	1.0
cr069s traveled by public transportation (bus, subway, commuter rail, etc.)	173	70.5	6.5	10.2	3.6	8.8	0.4

MOSE = +/- 7

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	6249	93.0	6.3	0.7
cr016g Visited a doctor	6250	12.5	86.6	0.9
cr016j Avoided contact with people who could be high-risk	6252	81.3	13.9	4.8
cr016k Avoided public spaces, gatherings, or crowds	6251	75.7	22.8	1.5
cr016l Prayed	6252	57.4	40.8	1.8
cr016m Avoided eating at restaurants	6253	68.9	30.0	1.0
cr016o Worked or studied at home	6248	43.1	54.7	2.2
cr016p Worn a mask or other face covering	6253	88.7	10.6	0.7

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	6254	59.1	25.7	15.2

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	6253	29.3	53.2	17.5

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	6245	4.6	5.9	32.2	51.6	5.8
cr019b Praying	6241	21.6	7.8	19.5	35.5	15.6
cr019c Washing your hands with soap or hand sanitizer	6249	2.9	1.3	21.1	71.8	2.8
cr019d Seeing a doctor if you feel sick	6241	4.9	14.6	44.2	30.0	6.2
cr019e Seeing a dr if healthy but worry you were exposed	6247	19.6	26.0	30.2	16.5	7.6
cr019f Avoiding public spaces, gatherings, and crowds	6248	3.4	3.7	26.6	62.6	3.7
cr019g Avoiding contact with people who could be high-risk	6248	3.5	2.5	23.9	66.3	3.7
cr019h Avoiding hospitals and clinics	6243	3.5	10.2	42.1	38.6	5.7
cr019i Avoiding restaurants	6242	3.8	8.8	42.2	40.6	4.6
cr019j Avoiding travel	6244	4.1	5.9	36.7	48.7	4.6

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	6241	4.2	43.0	41.9	6.2	4.7
cr020b Attending gatherings of more than 100 people	6240	4.0	6.2	15.8	69.9	4.2
cr020c Going to the hospital	6238	3.3	22.2	42.6	26.2	5.7
cr020d Dining in at restaurants	6240	3.1	19.1	40.0	32.9	4.8
cr020e Eating take-out meals from restaurants	6242	10.9	56.2	23.8	3.8	5.3
cr020f Visiting with relatives or friends in their home	6240	5.7	35.2	41.7	12.5	4.9
cr020g Handling packages that have been delivered	6242	9.0	45.9	34.5	4.3	6.3
cr020h Playing on playground equipment	6238	3.7	15.9	36.4	37.6	6.3
cr020i Touching door knobs, other surfaces in your home	6240	27.1	40.2	20.0	8.4	4.3
cr020j Interacting closely with other members of your HH	6240	31.7	47.4	13.5	2.6	4.8
cr020k Going outside to walk, hike, or exercise	6243	42.2	42.5	9.0	1.8	4.5
cr020l Eating or drinking in a place that provides table service and has implemented so	6241	4.8	33.4	39.4	16.9	5.5
cr020m Curb-side pick-up of store purchases	6241	14.7	59.6	18.1	2.2	5.3

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	6236	23.7

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	6237	24.7

MOSE = +/- 1

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

	N	mean
cr024 chance die from coronavirus	6231	19.2

MOSE = +/- 1

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	6232	56.8	11.3	9.2	7.0	4.4	3.4	1.6	6.3
cr026b Used cannabis products such as marijuana	6233	88.9	1.5	0.9	1.1	0.8	0.7	0.5	5.5
cr026c Used recreational drugs other than alcohol or cannabis products	6232	96.6	0.8	0.3	0.8	0.3	0.2	0.1	0.9
cr026d Meditated	6231	65.5	6.1	6.0	5.1	3.1	3.1	1.4	9.6
cr026e Got exercise	6232	14.7	8.1	12.4	16.9	11.5	12.5	5.9	17.9
cr026f Made time to relax	6233	8.0	8.9	12.9	11.9	8.7	9.3	4.0	36.3
cr026g Connected socially with friends or family	6234	10.2	6.3	9.4	11.8	8.6	9.9	4.6	39.2
cr026h Spent time posting or browsing on Facebook, Twitter, Instagram, or Sn	6233	24.4	4.3	5.4	5.7	6.3	6.6	4.4	43.0
cr026i Had a phone call or video call with a family member or a friend	6235	11.5	8.6	13.5	14.5	10.2	9.7	4.5	27.5
cr026j Messaged or emailed with a family member or friend	6233	11.5	5.3	8.4	10.8	8.6	10.5	5.7	39.3
cr026k Spent time interacting with a family member or friend in person	6235	13.0	8.5	10.0	10.1	5.5	5.9	3.3	43.8
cr026l Smoked all or part of a cigarette	6232	85.1	1.2	0.5	0.7	0.6	0.5	0.4	11.0
cr026m Used an e-cigarette or vaping device to vape e-liquids with nicotine	6235	95.6	0.7	0.4	0.3	0.1	0.3	0.0	2.5

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	2824	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	6226	61.0	28.6	6.0	4.4
cr027b how often Not being able to stop or control worrying	6231	71.8	19.6	4.7	3.9
cr027c how often Feeling down, depressed, or hopeless	6232	70.1	21.9	4.5	3.5
cr027d how often Little interest or pleasure in doing things	6233	70.4	21.3	5.0	3.3

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	6228	48.7	20.8	20.9	6.3	3.4
cr028b Confident about your ability to handle personal problems	6230	11.1	6.7	21.4	29.3	31.6
cr028c That things were going your way	6232	9.4	8.6	35.9	31.7	14.3
cr028d Difficulties were piling up so high that you could not overcome them	6230	51.2	25.1	17.2	4.6	1.9

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	6234	2.4	10.4	27.7	45.4	14.1
cr053b I have a hard time making it through stressful events	6231	19.6	41.4	22.8	13.4	2.8
cr053c It does not take me long to recover from a stressful event	6229	4.1	15.0	26.3	43.5	11.1
cr053d It is hard for me to snap back when something bad happens	6233	19.1	42.3	22.5	13.7	2.4
cr053e I usually come through difficult times with little trouble	6233	2.9	12.3	29.8	44.6	10.4
cr053f I tend to take a long time to get over set-backs in my life	6231	19.0	41.5	24.6	12.4	2.5

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	6235	87.6	12.4
cr054s2 Cancer (other than skin cancer)	6235	94.0	6.0
cr054s3 Heart disease	6235	93.4	6.6
cr054s4 High blood pressure	6235	68.6	31.4
cr054s5 Asthma	6235	88.2	11.8
cr054s6 Chronic lung disease such as COPD or emphysema	6235	95.5	4.5
cr054s7 Kidney disease	6235	97.4	2.6
cr054s8 Autoimmune disorder such as rheumatoid arthritis or Crohns Disease	6235	94.6	5.4
cr054s9 A mental health condition	6235	88.6	11.4
cr054s10 Obesity	6235	83.2	16.8
cr054s11 None of the above	6235	57.1	42.9

MOSE = +/- 1

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	6227	17.6	79.4	2.9
cr056b Attention deficit hyperactivity disorder (ADHD)	6228	4.8	92.9	2.3
cr056c Bipolar disorder	6225	3.9	94.0	2.1
cr056d An eating disorder	6231	2.1	96.1	1.8
cr056e Depression or another depressive disorder	6231	19.9	77.6	2.5
cr056f Obsessive-compulsive disorder (OCD)	6232	3.6	93.8	2.7
cr056g Post-traumatic stress disorder (PTSD)	6224	6.9	90.7	2.4
cr056h Schizophrenia or another psychotic disorder	6225	1.1	97.1	1.8
cr056i other mental issue	6120	2.6	91.6	5.8

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	787		97.1	1.0
cr055b cancer (other than skin cancer)	453		95.2	1.9
cr055c heart disease	419		98.2	0.9
cr055d high blood pressure	2024		97.8	1.0
cr055e asthma	735		98.5	0.7
cr055f chronic lung disease such as COPD or emphysema	263		97.2	0.3
cr055g kidney disease	166		94.3	2.3
cr055h an autoimmune disorder such as rheumatoid arthritis or Crohns disease	385		97.3	1.2
cr055i a mental health condition	709		97.3	1.1
cr055j obesity	1156		97.3	1.2

MOSE = +/- 3

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	1025	96.4	1.3	2.3

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)	247		95.9	1.4

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	183	95.7	2.3	1.9

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	132	94.2	1.7	4.0
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	1267	97.8	1.0	1.3
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)	194	94.3	1.9	3.8
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)	423	96.7	0.9	2.5
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	53	94.1	5.9
MOSE = +/- 13			

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	172	84.7	2.6	12.7
MOSE = +/- 7				

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	6231	67.9	18.3	8.1	5.7
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	6233	2.8	3.5	91.0	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	6233	48.2	51.8
cr061s2 Man	6233	52.2	47.8
cr061s3 Trans woman	6233	100.0	0.0
cr061s4 Trans man	6233	99.9	0.1
cr061s5 Non-binary, gender-nonconforming, or genderqueer	6233	99.3	0.7
cr061s6 Some other description (please specify): cr061__other	6233	99.7	0.3
MOSE = +/- 1			

5 Labor Market Outcomes

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	7
lr001 employment status	3164	97.2	0.6	0.2	0.3	1.1	0.5	0.1
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
lr002 still receiving benefits	37	33.2	66.8
MOSE = +/- 16			

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	295	5.0	73.7	9.8	1.4	1.7	8.4
MOSE = +/- 6							

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	114	14.7	58.6	7.7	7.8	0.3	10.9
MOSE = +/- 9							

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	I am unemployed and looking for work	None of these
lr003cc job status after retired	1304	98.1	0.0	0.6	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	448	67.1	2.7	7.8	9.5	12.8
MOSE = +/- 5						

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	851	79.2	3.4	11.3	2.6	3.6
MOSE = +/- 3						

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

	N	1 Yes	2 No
lr003a currently have job	54	49.6	50.4
MOSE = +/- 13			

lr004: Respondent is current employed - filled based on responses from lr001 through lr003a.

	N	1 Yes	2 No
lr004 r currently has a job	6235	53.1	46.9
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	3203	10.0	88.9	1.0

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	3183	91.6	8.4
lr019s2 On-call worker or day laborer	3183	95.2	4.8
lr019s3 Temporary agency worker	3183	98.8	1.2
lr019s4 Contract company worker	3183	86.0	14.0
lr019s5 None of the above	3183	27.5	72.5

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	3203	7.6	1.8	3.5	6.3	12.2	53.1	8.5	6.9

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	3196	35.2

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	3203	9.7	88.8	1.5

MOSE = +/- 2

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	2803	34.0	64.7	1.3

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	3202	62.4	3.1	3.6	3.1	4.2	18.1	1.5	4.0

MOSE = +/- 2

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

	N	1 Monthly	2 Every two weeks	3 Every week	4 Every day	5 Other (specify) lr010_other	6 Twice a month
lr010 how frequently paid	3202	10.2	44.3	17.9	1.3	3.6	22.7

MOSE = +/- 2

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

	N	mean
lr011 amount most recent paycheck	3128	2492.3

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	3110	19.9	77.1	3.1

MOSE = +/- 2

lr011c: [If lr010==4 | lr010==5 | lr005==1]. Overall, taking into account all sources of income related to your job(s) and/or business, what was your income or "take home pay" in the past month?

	N	mean
lr011c takeaway amount last month	379	4276.5
MOSE = +/- 5		

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	3198	12.2
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	6227	6.3	92.6	1.1
MOSE = +/- 1				

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

	N	mean
lr017 amount unemployment insurance	448	894.4
MOSE = +/- 5		

lr017a: [if lr017>0 or lr017bi = 1-5]] 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	444	45.7	33.4	1.6	7.0	12.3
MOSE = +/- 5						

lr016a: [If lr016==3] Why are you unsure about whether you have received unemployment insurance in the past 14 days?

	N	I received a benefit payment but I am unsure about whether it is from unemployment insurance or some other program	I am expecting to receive a payment but I am unsure whether it has been deposited/mailed	I received a payment but I am unsure when I received it	I prefer not to answer this question	Other
lr016a	55	10.1	23.5	14.9	50.2	1.3
MOSE = +/- 13						

lr031: [If lr016==no or unsure] Have you applied for unemployment insurance since February 2020?

	N	1 Yes	2 No	3 Unsure
lr031 applied for unemployment benefits since february 2020	5760	6.6	92.2	1.2
MOSE = +/- 1				

lr032_month: [if lr031=yes] When did you apply? If you're not sure, just give your best guess. If you have applied more than once since February 2020, please tell us about the first time that you applied.

	N	1 February	2 March	3 April	4 May	5 June	6 July
lr032_month month applied unemployment	376	4.3	35.2	27.3	10.7	9.9	12.5
MOSE = +/- 5							

lr033: [if lr016=no and lr031=yes] Why haven't you received unemployment insurance benefits?

	N	My application was approved but I haven't been paid yet	My application was rejected	Im still waiting for my application to be approved	I am receiving benefits but have not been paid in the past fourteen days	Other	I went back to work	I am still being paid by employer	I did receive benefits at some point
lr033	377	10.1	12.8	19.7	6.0	11.9	20.6	1.0	18.0
MOSE = +/- 5									

lr034: [if lr016=no and lr031=no] Why haven't you applied for unemployment insurance benefits?

	N	I am currently working	My former employer has not made me eligible	I am not eligible for other reasons	I am unsure how to apply	I decided not to apply for other reasons	Other	7	8	9
lr034	5326	52.4	1.0	16.2	1.1	3.0	4.3	16.0	4.8	1.1
MOSE = +/- 1										

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	6231	13.2	33.6	7.7	8.3	19.8	17.4
MOSE = +/- 1							

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	3358	4.8	7.6	5.2	6.6	7.1	15.4	8.7	12.1	15.3	9.8	7.4
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	561	58.2	22.1	7.3	2.6	1.3	0.8	1.2	1.1	0.5	0.5	0.9	3.6
MOSE = +/- 4													

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	3914	15.2	6.9	6.5	10.9	16.8	43.6
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	3203	29.3	7.8	8.2	7.7	13.0	34.0
MOSE = +/- 2							

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	3910	17.5	73.5	9.1
lr023b Ordered them to substantially limit operations	3910	39.2	51.6	9.1
lr023c Ordered employees to work from home	3910	31.8	55.8	12.4
MOSE = +/- 2				

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	774	16.8	59.5	18.3	5.3
MOSE = +/- 4					

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	1600	16.2	64.1	15.4	4.3
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	1392	36.5	39.7	23.8
MOSE = +/- 3				

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	3910	62.6	24.6	12.7
MOSE = +/- 2				

6 Questions about Labor Market Status of Spouses and Partners

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

	N	1 Yes	2 No
lr026a married or with partner	6226	65.2	34.8
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	4027	55.7	3.6	3.0	0.8	10.4	19.3	7.2
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	4022	54.7	6.5	3.2	1.2	10.0	20.7	3.7
MOSE = +/- 2								

lr029_month: month unemployment status changed

	N	2 February	3 March	4 April	5 May	6 June	7 July
lr029_month month unemployment status changed	622	21.3	30.9	13.8	17.3	10.7	6.0
MOSE = +/- 4							

lr030: [if not asked previously and 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	2167	22.9	75.2	1.9
MOSE = +/- 2				

lr030a: [if lr030 asked previously and lr028 = 1] Have your spouse or partner's hours been reduced since last survey?

	N	1 Yes	2 No	3 Unsure
lr030a spouse/partner hours reduced	2082	8.6	89.7	1.6
MOSE = +/- 2				

lr035: [if lr026a=yes] Has your spouse or partner received unemployment insurance benefits in the past fourteen days?

	N	1 Yes	2 No	3 Unsure
lr035 spouse or partner received unemployment	4024	6.2	93.1	0.7
MOSE = +/- 2				

lr036: Other than you and your spouse or partner, has anyone else in your household received unemployment insurance benefits in the past fourteen days?

	N	1 Yes	2 No	3 Unsure
lr036 anyone else in household received unemployment	6225	2.3	95.2	2.5
MOSE = +/- 1				

lr037: [if lr035==yes OR lr036==yes] Over the past month, how much did you and other household members receive in total from Unemployment Insurance? If you are not sure, please give your best guess.

	N	mean
lr037 unemployment household received	418	2267.7
MOSE = +/- 5		

7 Economic Insecurity

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	6222	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	6226	5.9	92.4	1.8

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	6226	5.9	92.7	1.4

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	6225	2.5	96.3	1.2

MOSE = +/- 1

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

	N	1 Yes	2 No	3 Unsure
ei007 file tax return	6233	83.1	15.1	1.7

MOSE = +/- 1

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	6222	54.1	14.4	6.2	14.7	7.4	3.2

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	6184	42.3	51.5	6.3
ei018b By putting it on my credit card and paying it off over time	6180	27.1	66.9	6.1
ei018c With the money currently in my checking/savings account or with cash	6197	60.0	33.3	6.8
ei018d Using a bank loan or line of credit	6179	8.0	86.0	5.9
ei018e By borrowing from a friend or family member	6189	17.2	74.6	8.2
ei018f Using a payday loan, deposit advance, or overdraft	6190	3.7	91.0	5.3
ei018g By selling something	6189	14.1	78.3	7.6
ei018h I wouldnt be able to pay for the expense right now	6187	12.6	76.2	11.2

MOSE = +/- 1