

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



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

**UAS 256 – Wave 11
August 5 – September 1, 2020**

September 3, 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 256) probability-based internet panel to participate in an ongoing coronavirus tracking survey.

This methodology and topline is associated with participants in Wave 11 of the tracking survey, administered from July 22 to August 18, 2020.

Sample Information

A total of 6,238 adult residents of the U.S. participated in this wave and are included in the final UAS256 data file. Margin of sampling error for the full sample is +/-1.

A total of 7,588 panel members were eligible to be included in the weighted sample, resulting in a participation rate of 82% for this wave. The sample includes 91 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 participated on their assigned day of the wave, between August 4 and 17, 2020, and earned the bonus incentive. The rest of the sample 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, in this case September 1. 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 August 5 to September 1, 2020
Sample size 6,238 Adult U.S. Residents

This report provides the sample characteristics for the UAS 256 weighted national sample, as well as brief summaries of responses to the questions included in the 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+)	24%	20%
Low education (HS or less)	21%	37%
Medium education (Some College)	37%	28%
High education (College degree)	42%	35%
HH income (\$0-24,999)	19%	22%
HH income (\$25,000-49,999)	22%	23%
HH income (\$50,000-74,999)	19%	18%
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	15%	17%

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

Topline Tables

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?

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr001a: Fever or chills	1.3	97.9	0.9	6210	+/- 1
cr001b: Runny or stuffy nose	14.9	83.9	1.1	6210	+/- 1
cr001c: Chest congestion	3.3	95.7	0.9	6213	+/- 1
cr001d: cough	8.9	89.9	1.3	6211	+/- 1
cr001e: Sore throat	4.8	94.3	0.9	6213	+/- 1
cr001f: Sneezing	15.2	83.8	1.1	6213	+/- 1
cr001g: Muscle or body aches	13.0	85.9	1.0	6211	+/- 1
cr001h: Headaches	15.3	83.8	0.9	6211	+/- 1
cr001i: Fatigue or tiredness	19.1	79.7	1.3	6210	+/- 1
cr001j: Shortness of breath	5.6	93.3	1.1	6215	+/- 1
cr001k: Abdominal discomfort	6.3	92.8	0.9	6211	+/- 1
cr001l: Vomiting	0.7	98.5	0.7	6214	+/- 1
cr001m: Hair Loss	2.6	95.9	1.5	6211	+/- 1
cr001n: Dry skin	8.8	90.2	1.0	6211	+/- 1
cr001o: Body temperature higher than 100.4 F or 38.0 C	0.6	98.2	1.2	6215	+/- 1
cr001p: Diarrhea	6.2	92.9	0.9	6210	+/- 1
cr001q: Lost sense of smell	1.1	97.9	1.0	6211	+/- 1
cr001r: Skin Rash	2.5	96.5	0.9	6214	+/- 1

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

	Tested Positive	Tested Negative	Tested Don't Know Result	Not Tested	Obs	MOSE
cr002: Tested for COVID-19	0.3	9.0	0.8	89.9	6217	+/- 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] ?

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr005: diagnosed with the coronavirus	0.6	97.7	1.7	6214	+/- 1

cr007: [if cr002 != 1 AND cr005 !=1] Do you think you have been infected with the coronavirus since [date of previous survey] ?

	1 Yes	2 No	Obs	MOSE
cr007: think infected with coronavirus	0.8	99.2	6175	+/- 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]?

	1 Yes	2 No	Obs	MOSE
cr011: contacted a doctor, employer, family	36.1	63.9	68	+/- 12

cr013: Do you currently have health insurance?

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr013: have health insurance	87.3	10.7	2.0	6212	+/- 1

2. COVID-19 Knowledge, Expectations, and Behaviors

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr015k: Had close contact (within 6 feet) with people who do not live with you	63.4	35.0	1.6	6204	+/- 1
cr015a: Gone out to a bar, club, or other place where people gather	10.6	88.2	1.2	6200	+/- 1
cr015b: Gone to the grocery store or pharmacy	81.3	17.5	1.2	6201	+/- 1
cr015c: Gone to a friend, neighbor, or relative's residence (that is not your own)	45.4	53.4	1.2	6205	+/- 1
cr015d: Had visitors such as friends, neighbors or relatives at your residence	44.5	54.2	1.3	6201	+/- 1
cr015e: Attended a gathering with more than 10 people, such as a reunion, wedding, funeral	17.3	81.4	1.3	6199	+/- 1
cr015f: Sought care from a hospital or health care facility	8.6	90.2	1.2	6199	+/- 1
cr015g: Been placed in isolation or quarantine	2.6	95.9	1.5	6205	+/- 1
cr015h: Remained in your residence at all times, except for essential activities or exercise	40.3	57.7	2.0	6203	+/- 1
cr015i: Shared items like towels or utensils with other people	26.4	71.8	1.8	6202	+/- 1
cr015j: Had close contact (within 6 feet) with people who live with you	77.8	20.8	1.4	6200	+/- 1
cr015l: Gone outside to walk, hike, or exercise	76.4	22.3	1.3	6198	+/- 1
cr015m: Attended a political rally, protest, or demonstration	0.5	98.2	1.3	6203	+/- 1
cr015n: Attended an in-person religious service	9.5	89.3	1.1	6200	+/- 1
cr015r: Traveled by airplane	1.7	97.1	1.2	6199	+/- 1
cr015s: Traveled by public transportation (bus, subway, commuter rail, etc.)	3.4	95.4	1.2	6200	+/- 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.

	Always	Most of the time	Sometimes	Rarely	Never	Unsure	Obs	MOSE
cr069a: gone out to a bar, club, or other place where people gather	26.5	19.0	20.0	12.1	21.3	1.0	586	+/- 4
cr069b: gone to the grocery store or pharmacy	78.5	8.8	7.2	2.4	3.0	0.1	5155	+/- 1
cr069c: friend, neighbor, or another relative's residence	9.7	9.2	15.5	17.6	47.9	0.2	2768	+/- 2
cr069d: visitors such as friends, neighbors, or relatives at residence	6.5	6.5	14.0	16.3	56.5	0.3	2752	+/- 2
cr069e: attended a gathering with more than 10 people	23.8	15.8	18.1	12.4	29.5	0.3	991	+/- 3
cr069f: sought care from a hospital or health care facility	85.2	4.6	3.6	3.4	2.2	0.9	519	+/- 4
cr069k: had close contact (within 6 feet) with people who do not live with you	23.6	21.8	24.3	12.2	17.8	0.2	3998	+/- 2
cr069l: gone outside to walk, hike, or exercise	11.5	9.1	13.0	14.4	51.6	0.3	4847	+/- 1
cr069m: attended a political rally, protest, or demonstration	38.2	7.6	10.0	4.9	39.1	0.3	32	+/- 17
cr069n: attended an in-person religious service	38.4	13.3	8.0	7.8	32.5	0.0	555	+/- 4
cr069r: traveled by airplane	67.5	14.9	3.3	3.6	9.5	1.1	94	+/- 10
cr069s: traveled by public transportation (bus, subway, commuter rail, etc.)	77.0	5.4	3.8	6.7	5.0	2.1	178	+/- 7

cr070: We would like to learn your general opinion about wearing a mask or face covering. Do you agree or disagree with each of the following statements?

	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree	Obs	MOSE
cr070a: Wearing a mask helps keep me safe from coronavirus	5.6	10.3	20.5	35.5	28.1	6190	+/- 1
cr070b: Wearing a mask helps keep others safe from coronavirus	4.5	4.9	15.6	36.8	38.1	6189	+/- 1
cr070c: Wearing a mask is dangerous to my health	46.7	27.2	16.7	6.4	3.1	6191	+/- 1
cr070d: Wearing a mask is a political statement	45.4	24.4	18.3	7.0	4.9	6192	+/- 1
cr070e: Wearing a mask is not needed because I am not infected	47.1	28.4	16.7	5.3	2.5	6189	+/- 1
cr070f: Wearing a mask is not needed when I am with other people who are healthy	34.3	30.7	21.3	10.1	3.5	6192	+/- 1
cr070g: Others may feel threatened if I cover my face	38.9	35.0	20.0	4.9	1.3	6193	+/- 1
cr070h: I keep enough distance so that I don't need a mask	31.0	30.8	24.4	11.3	2.5	6191	+/- 1
cr070i: We live in a free country and no one can force me to wear a mask	33.6	21.4	24.1	13.1	7.9	6192	+/- 1
cr070j: I would like to wear a mask, but I cannot afford to buy one	64.5	25.1	8.5	0.9	1.0	6193	+/- 1
cr070k: Wearing a mask is unnecessary because coronavirus is not a serious threat	53.3	25.7	15.1	3.6	2.3	6191	+/- 1
cr070l: A mask is too uncomfortable to wear	26.3	28.0	22.2	17.0	6.5	6191	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr016p: Worn a mask or other face covering	90.8	7.6	1.6	6190	+/- 1
cr016o: Worked or studied at home	43.3	53.7	3.0	6186	+/- 1
cr016m: Avoided eating at restaurants	65.1	33.1	1.8	6190	+/- 1
cr016l: Prayed	56.9	40.2	2.9	6188	+/- 1
cr016k: Avoided public spaces, gatherings, or crowds	72.9	25.0	2.1	6192	+/- 1
cr016j: Avoided contact with people who could be high-risk	78.2	15.5	6.3	6188	+/- 1
cr016g: Visited a doctor	13.5	84.6	1.8	6189	+/- 1
cr016b: Washed your hands with soap or used hand sanitizer several times per day	92.7	5.7	1.6	6190	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr017a: Encourage limiting non-essential travel	54.2	27.3	18.5	6192	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr018a: Require limiting non-essential travel	25.4	54.1	20.5	6189	+/- 1

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

	Extremely Ineffective	Somewhat Ineffective	Somewhat Effective	Extremely Effective	Unsure	Obs	MOSE
cr019a: Wearing a face mask such as the one shown here	4.1	6.0	33.8	49.6	6.6	6177	+/- 1
cr019b: Praying	21.1	7.9	20.0	35.9	15.1	6167	+/- 1
cr019c: Washing your hands with soap or hand sanitizer	2.1	1.1	22.0	72.1	2.7	6182	+/- 1
cr019d: Seeing a doctor if you feel sick	4.9	14.2	43.9	30.8	6.1	6178	+/- 1
cr019f: Avoiding public spaces, gatherings, and crowds	2.4	3.8	29.4	60.7	3.7	6176	+/- 1
cr019h: Avoiding hospitals and clinics	3.5	10.6	44.2	35.2	6.5	6175	+/- 1
cr019i: Avoiding restaurants	3.1	10.2	44.7	37.4	4.6	6173	+/- 1
cr019j: Avoiding travel	2.9	6.5	38.1	47.7	4.8	6172	+/- 1
cr019e: Seeing a doctor if healthy but worry you were exposed	18.8	25.9	32.2	15.2	7.9	6177	+/- 1
cr019g: Avoiding contact with people who could be high-risk	2.6	2.6	26.5	64.3	4.0	6181	+/- 1

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

	Extremely Safe	Somewhat Safe	Somewhat Unsafe	Extremely Unsafe	Unsure	Obs	MOSE
cr020a: Grocery shopping	4.8	43.8	41.2	6.2	4.0	6168	+/- 1
cr020b: Attending gatherings of more than 100 people	4.3	6.8	17.2	67.8	4.0	6169	+/- 1
cr020c: Going to the hospital	3.7	22.7	42.2	24.7	6.7	6163	+/- 1
cr020d: Dining in at restaurants	3.8	21.5	40.4	29.3	5.1	6165	+/- 1
cr020e: Eating take-out meals from restaurants	12.4	54.5	24.0	3.6	5.5	6172	+/- 1
cr020f: Visiting with relatives or friends in their home	6.2	35.7	42.0	11.1	5.0	6168	+/- 1
cr020g: Handling packages that have been delivered	9.4	44.9	34.5	4.7	6.5	6170	+/- 1
cr020h: Playing on playground equipment	4.4	17.0	36.5	35.4	6.8	6169	+/- 1
cr020i: Touching door knobs, other surfaces in your home	27.5	40.4	19.7	8.0	4.4	6171	+/- 1
cr020j: Interacting closely with other members of your HH	31.0	47.4	14.5	2.1	4.9	6169	+/- 1
cr020k: Going outside to walk, hike, or exercise	43.6	41.5	9.1	1.6	4.2	6172	+/- 1
cr020l: Eating or drinking in a place that provides table service and has implemented so	5.3	35.8	38.3	15.0	5.6	6170	+/- 1
cr020m: Curb-side pick-up of store purchases	15.3	58.0	18.9	2.7	5.0	6168	+/- 1

cr021: We would 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.

	Mean	Obs	MOSE
cr021: how many family or close friends	35.2	6149	+/- 1

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

	Mean	Obs	MOSE
cr022: infected how many family or close friends	1.3	6040	+/- 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?

	Mean	Obs	MOSE
cr022a: hospitalized how many family or close friends	0.3	6040	+/- 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?

	Mean	Obs	MOSE
cr022b: died how many family or close friends	0.1	6039	+/- 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.

	Mean	Obs	MOSE
cr023: chance get coronavirus in next 3 months	22.4	6166	+/- 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.

	Mean	Obs	MOSE
cr023b: chance hospitalized if get coronavirus	23.4	6166	+/- 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.

	Mean	Obs	MOSE
cr024: chance die from coronavirus	18.7	6161	+/- 1

cr025: Do you agree or disagree with the following statements about childhood vaccines?

	Strongly Disagree	Disagree	Agree	Strongly Agree	Obs	MOSE
cr025a: have many known harmful side effects	27.9	44.8	22.2	5.2	6165	+/- 1
cr025b: provide important benefits to society	2.6	5.1	40.6	51.7	6165	+/- 1
cr025c: may lead to illness and death	31.8	43.7	20.0	4.5	6165	+/- 1
cr025d: are useful and effective	2.6	4.6	41.6	51.2	6165	+/- 1

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

	Very unlikely	Somewhat unlikely	Somewhat likely	Very likely	Unsure	Obs	MOSE
cr030: how likely to get vaccinated for coronavirus once vaccination	20.3	8.3	19.9	39.2	12.3	6167	+/- 1

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

	Strongly Disagree	Disagree	Agree	Strongly Agree	Obs	MOSE
cr031a: Most people believe that people with coronavirus are dangerous	22.2	19.1	35.5	23.3	6161	+/- 1
cr031b: Most people believe that people who used to have coronavirus are dangerous	34.5	37.0	24.2	4.3	6159	+/- 1
cr031c: Most people believe that having coronavirus is a sign of personal weakness	60.9	27.5	9.3	2.2	6160	+/- 1
cr031d: If I caught the coronavirus, I would consider it a sign of my personal weakness	73.1	18.1	6.6	2.2	6162	+/- 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?

	0	1	2	3	4	5	6	7	Obs	MOSE
cr026a: Drank alcohol	58.5	10.9	9.1	6.4	4.1	3.4	1.6	6.1	6158	+/- 1
cr026b: Used cannabis products such as marijuana	88.9	1.4	1.0	1.1	0.9	0.7	0.5	5.5	6158	+/- 1
cr026c: Used recreational drugs other than alcohol or cannabis products	96.3	0.8	0.6	0.6	0.3	0.5	0.1	0.8	6158	+/- 1
cr026d: Meditated	65.3	6.1	6.1	5.3	3.2	3.2	1.3	9.5	6156	+/- 1
cr026e: Got exercise	15.1	8.5	13.3	16.4	11.1	12.3	6.2	17.0	6150	+/- 1
cr026f: Made time to relax	9.5	8.7	13.3	11.3	9.0	9.1	3.9	35.2	6159	+/- 1
cr026g: Connected socially with friends or family	10.0	6.1	9.2	10.7	7.9	9.8	4.7	41.5	6157	+/- 1
cr026h: Spent time posting or browsing on Facebook, Twitter, Instagram, etc.	0.0	24.3	5.2	5.4	6.0	4.9	7.6	46.6	6158	+/- 1
cr026i: Had a phone call or video call with a family member or a friend	12.2	9.2	13.8	13.2	9.5	9.1	4.7	28.3	6159	+/- 1
cr026j: Messaged or emailed with a family member or friend	11.7	5.2	9.5	11.2	8.7	9.6	5.5	38.6	6156	+/- 1
cr026k: Spent time interacting with a family member or friend in person	12.2	8.1	9.7	9.4	6.1	6.0	3.3	45.2	6158	+/- 1
cr026l: Smoked all or part of a cigarette	85.5	0.9	0.5	0.7	0.5	0.6	0.3	11.0	6158	+/- 1
cr026m: Used an e-cigarette or vaping device to vape e-liquids with nicotine	95.9	0.6	0.5	0.2	0.2	0.1	0.1	2.4	6156	+/- 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?

	Mean	Obs	MOSE
cr026a2: how many alcoholic drinks on typical day	2.7	2727	+/- 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?

	0	1	2	3	4	5	6	7	Obs	MOSE
cr050m: male 5 or more alcoholic beverages within a couple of hours	73.1	11.1	6.5	2.8	1.2	1.2	0.6	3.5	1305	+/- 3

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

	0	1	2	3	4	5	6	7	Obs	MOSE
cr050f: female 4 or more alcoholic beverages within a couple of hours	74.2	11.1	7.0	4.0	1.4	0.8	0.2	1.2	1423	+/- 3

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

	Not at All	Several Days	More than Half	Nearly Everyday	Obs	MOSE
cr027a: how often Feeling nervous, anxious, or on edge	62.5	27.7	5.0	4.9	6148	+/- 1
cr027b: how often Not being able to stop or control worrying	72.9	18.4	4.5	4.1	6153	+/- 1
cr027c: how often Feeling down, depressed, or hopeless	70.6	20.3	5.0	4.1	6153	+/- 1
cr027d: how often Little interest or pleasure in doing things	71.0	20.5	4.5	4.1	6155	+/- 1

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

	Never	Almost Never	Sometimes	Fairly Often	Very Often	Obs	MOSE
cr028a: That you were unable to control the important things in your life	50.1	20.5	19.8	6.0	3.7	6146	+/- 1
cr028b: Confident about your ability to handle personal problems	11.2	6.0	20.6	30.5	31.7	6150	+/- 1
cr028c: That things were going your way	9.4	8.1	36.2	31.3	15.0	6151	+/- 1
cr028d: Difficulties were piling up so high that you could not overcome them	50.4	25.9	17.4	3.8	2.4	6153	+/- 1

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

	1 Strongly disagree	2 Disagree	3 Neutral	4 Agree	5 Strongly agree	Obs	MOSE
cr053a: I tend to bounce back quickly after hard times	2.3	10.3	27.7	45.9	13.7	6158	+/- 1
cr053b: I have a hard time making it through stressful events	19.5	41.5	22.9	13.3	2.9	6156	+/- 1
cr053c: It does not take me long to recover from a stressful event	4.0	15.4	26.1	43.6	11.0	6153	+/- 1
cr053d: It is hard for me to snap back when something bad happens	18.9	42.7	22.3	13.6	2.5	6157	+/- 1
cr053e: I usually come through difficult times with little trouble	3.1	12.4	30.1	44.1	10.3	6157	+/- 1
cr053f: I tend to take a long time to get over set-backs in my life	18.5	42.7	23.9	12.4	2.4	6153	+/- 1

cr054s: Have you ever been told by a doctor, nurse, or other health professional that you have any of the following medical conditions?

	No	Yes	Obs	MOSE
cr054s1: Diabetes	87.8	12.2	6158	+/- 1
cr054s2: Cancer (other than skin cancer)	94.1	5.9	6158	+/- 1
cr054s3: Heart disease	93.7	6.3	6158	+/- 1
cr054s4: High blood pressure	68.5	31.5	6158	+/- 1
cr054s5: Asthma	88.3	11.7	6158	+/- 1
cr054s6: Chronic lung disease such as COPD or emphysema	95.6	4.4	6158	+/- 1
cr054s7: Kidney disease	97.4	2.6	6158	+/- 1
cr054s8: Autoimmune disorder such as rheumatoid arthritis or Crohns Disease	94.4	5.6	6158	+/- 1
cr054s9: A mental health condition	88.6	11.4	6158	+/- 1
cr054s10: Obesity	83.3	16.7	6158	+/- 1
cr054s11: None of the above	57.2	42.8	6158	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr056a: An anxiety disorder	17.6	79.4	3.0	6149	+/- 1
cr056b: Attention deficit hyperactivity disorder (ADHD)	4.6	93.1	2.3	6153	+/- 1
cr056c: Bipolar disorder	3.6	94.2	2.1	6149	+/- 1
cr056d: An eating disorder	2.2	96.1	1.7	6155	+/- 1
cr056e: Depression or another depressive disorder	20.2	77.0	2.7	6153	+/- 1
cr056f: Obsessive-compulsive disorder (OCD)	3.5	94.0	2.5	6153	+/- 1
cr056g: Post-traumatic stress disorder (PTSD)	6.9	90.4	2.6	6147	+/- 1
cr056h: Schizophrenia or another psychotic disorder	1.0	97.3	1.8	6148	+/- 1
cr056i: other mental issue	2.5	91.7	5.8	6039	+/- 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?

	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure	Obs	MOSE
cr055a: diabetes	96.8	1.1	2.1	763	+/- 4
cr055b: cancer (other than skin cancer)	95.1	2.2	2.7	444	+/- 5
cr055c: heart disease	98.0	0.9	1.0	402	+/- 5
cr055d: high blood pressure	97.9	1.3	0.8	1983	+/- 2
cr055e: asthma	98.1	0.7	1.2	727	+/- 4
cr055f: chronic lung disease such as COPD or emphysema	98.4	0.4	1.2	256	+/- 6
cr055g: kidney disease	93.0	2.8	4.2	163	+/- 8
cr055h: an autoimmune disorder such as rheumatoid arthritis or Crohns disease	96.6	1.2	2.2	383	+/- 5
cr055i: a mental health condition	98.0	0.4	1.6	709	+/- 4
cr055j: obesity	97.5	1.2	1.3	1130	+/- 3

cr057: Did the doctor or other health professional first say that you have [CR056] before or after March 10, 2020?

	1 Before March 10, 2020	2 After March 10, 2020	3 Unsure	Obs	MOSE
cr057a: since when an anxiety disorder	96.6	0.7	2.6	1001	+/- 3
cr057b: since when attention deficit hyperactivity disorder (ADHD)	95.7	1.5	2.9	239	+/- 6
cr057c: since when bipolar disorder	96.1	1.3	2.7	171	+/- 7
cr057d: since when an eating disorder	93.6	2.4	3.9	129	+/- 9
cr057e: since when depression or another depressive disorder	97.8	0.6	1.7	1270	+/- 3
cr057f: since when obsessive-compulsive disorder (OCD)	94.0	2.0	4.0	187	+/- 7
cr057g: since when post-traumatic stress disorder (PTSD)	96.8	0.4	2.8	421	+/- 5
cr057h: since when schizophrenia or another psychotic disorder	98.1	0.0	1.9	50	+/- 14
cr057i: since when other mental issue	87.8	2.6	9.6	169	+/- 8

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

	1 Not at all or less than 1 day	2 1-2 days	3 3-4 days	4 5-7 days	Obs	MOSE
cr058: how often have you felt lonely	69.5	17.2	7.0	6.4	6152	+/- 1

cr071: We are interested in understanding how the coronavirus epidemic may be affecting the health of U.S. residents. About how much do you weigh?

	Mean	Obs	MOSE
cr071: current weight	189.6	6120	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr059a: An in-person appointment	4.6	94.6	0.8	6150	+/- 1
cr059b: A live video, phone, or chat interaction	7.7	91.4	1.0	6150	+/- 1
cr059c: Non-live communication (such as by email)	4.7	94.3	1.1	6150	+/- 1

cr067: Since March 2020, how often have any of the following things happened to you in your day-to-day life because of your actual or perceived race, ethnicity, age, gender, health, income, education, religion, or some other personal characteristic?

	1 Almost every day	2 At least once a week	3 A few times a month	4 Once a month or less	5 Never	Obs	MOSE
cr067a: You were treated with less courtesy or respect than other people	1.4	3.4	3.6	9.5	82.1	6147	+/- 1
cr067b: You received poorer service than other people at restaurants or stores	0.7	2.1	2.5	7.0	87.7	6145	+/- 1
cr067c: People acted as if they thought you were not smart	0.9	2.9	3.8	9.0	83.4	6145	+/- 1
cr067d: People acted as if they were afraid of you	1.2	2.0	2.4	6.1	88.3	6150	+/- 1
cr067e: You were threatened or harassed	0.6	1.3	1.4	4.6	92.2	6150	+/- 1

cr068s: [If cr067a!=Never | cr067b!=Never | cr067c!=Never | cr067d!=Never | cr067e!=Never] What do you think is the main reason for these experiences of poor treatment? You may check up to two main reasons.

	No	Yes	Obs	MOSE
cr068s1: Your ancestry, ethnicity, or national origin	91.0	9.0	1474	+/- 3
cr068s2: Your gender	82.3	17.7	1474	+/- 3
cr068s3: Your race	73.5	26.5	1474	+/- 3
cr068s4: Your shade of skin color	87.4	12.6	1474	+/- 3
cr068s5: Your age	83.4	16.6	1474	+/- 3
cr068s6: Your religion	97.4	2.6	1474	+/- 3
cr068s7: Your height	95.6	4.4	1474	+/- 3
cr068s8: Your weight	90.4	9.6	1474	+/- 3
cr068s9: Some other aspect of your physical appearance	90.5	9.5	1474	+/- 3
cr068s10: Your sexual orientation	97.2	2.8	1474	+/- 3
cr068s11: Your education or income level	93.2	6.8	1474	+/- 3
cr068s12: A physical disability	95.6	4.4	1474	+/- 3
cr068s13: Your physical health (or perceived physical health)	94.5	5.5	1474	+/- 3
cr068s14: Your mental health (or perceived mental health)	96.4	3.6	1474	+/- 3
cr068s15: Other, please specify: cr068_other	82.1	17.9	1474	+/- 3

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
cr029a: You were treated with less courtesy and respect than other people	4.6	90.8	4.6	6147	+/- 1
cr029b: You received poorer service than other people at restaurants or stores	3.2	92.7	4.1	6148	+/- 1
cr029c: People acted as if they were afraid of you	4.9	90.2	4.9	6148	+/- 1
cr029d: You were threatened or harassed	1.5	94.7	3.8	6149	+/- 1

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

	Homosexual or gay or lesbian or not straight	Bisexual	Heterosexual or straight or not gay	Some other description	Obs	MOSE
cr060: sexual identity	2.9	3.5	90.9	2.7	6153	+/- 1

cr061s: Thinking about your gender identity, how would you define yourself? (Check all that apply)

	No	Yes	Obs	MOSE
cr061s1: Woman	48.3	51.7	6155	+/- 1
cr061s2: Man	52.1	47.9	6155	+/- 1
cr061s3: Trans woman	99.9	0.1	6155	+/- 1
cr061s4: Trans man	99.9	0.1	6155	+/- 1
cr061s5: Non-binary, gender-nonconforming, or genderqueer	99.4	0.6	6155	+/- 1
cr061s6: Some other description (please specify): cr061_other	99.7	0.3	6155	+/- 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.

	Same Job	Lost Job and Looking	Temp Laid Off	Sick or Other Leave	Working at Different Job	None	7	Obs	MOSE
lr001: employment status	96.8	0.4	0.3	0.5	1.1	0.6	0.4	3181	+/- 2

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr002: still receiving benefits	44.0	52.6	3.3	30	+/- 18

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?

	Resumed	Still Laid Off	Lost Job and Looking	Sick or Other Leave	New Job	None	Obs	MOSE
lr003aa: job status after laid off	6.9	60.9	11.5	0.6	2.0	18.1	262	+/- 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?

	Resumed	Still on Leave	Lost Job and Looking	Temp Laid Off	New Job	None	Obs	MOSE
lr003bb: job status after sick leave	18.5	56.7	7.8	4.5	0.9	11.6	103	+/- 10

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?

	Still retired	Now have a job	Unemployed and looking	None of these	Obs	MOSE
lr003cc: job status after retired	98.2	0.2	0.6	1.0	1314	+/- 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?

	Still not in the labor force	Now have a job	Unemployed and looking	Retired	None of these	Obs	MOSE
lr003dd: job status after not in labor force	60.0	1.7	11.9	12.3	14.2	462	+/- 5

lr003: [If reported no job in previous wave] You told us on [date of previous survey] that you did not have a job. Which statement best reflects your current employment status:

	Still no Job	Now have job	None of these	I am retired	I am not in the labor force	6	Obs	MOSE
lr003: employment status prev no job	76.5	6.0	12.2	2.4	2.9	0.0	789	+/- 3
lr003bb: job status after sick leave	18.5	56.7	7.8	4.5	0.9	11.6	103	+/- 10
lr003cc: job status after retired	98.2	0.2	0.6	1.0	0.0	0.0	1314	+/- 3
lr003dd: job status after not in labor force	60.0	1.7	11.9	12.3	14.2	0.0	462	+/- 5

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

	1 Yes	2 No	Obs	MOSE
lr003a: currently have job	67.9	32.1	42	+/- 15

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

	1 Yes	2 No	Obs	MOSE
lr004: r currently has a job	54.1	45.9	6157	+/- 1

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

	1 Self-employed	2 Work for an employer	3 Other (specify)	lr005_other	Obs	MOSE
lr005: self-employed or work for employer	9.7	89.1	1.2		3249	+/- 2

lr019s: [IF lr004 = 1] Do any of the following describe your primary job? Please check all that apply.

	No	Yes	Obs	MOSE
lr019s1: Independent contractor (for example, freelance worker, Uber driver, Instacart wo	91.2	8.8	3230	+/- 2
lr019s2: On-call worker or day laborer	95.0	5.0	3230	+/- 2
lr019s3: Temporary agency worker	99.0	1.0	3230	+/- 2
lr019s4: Contract company worker	84.5	15.5	3230	+/- 2
lr019s5: None of the above	29.4	70.6	3230	+/- 2

lr006: [IF lr004 = 1] Out of the past seven days, how many days did you work at your job?

	0	1	2	3	4	5	6	7	Obs	MOSE
lr006: how many day work past seven days	5.9	1.9	3.8	5.7	10.2	56.4	9.3	6.9	3249	+/- 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?

	Mean	Obs	MOSE
lr008: home many hours work for pay past 7 days	35.9	3239	+/- 2

Ir009: [IF Ir004 = 1] Have your work hours been reduced since [date of previous survey] ?

	1 Yes	2 No	3 Unsure	Obs	MOSE
Ir009: hours reduced since previous survey	7.0	91.4	1.6	3248	+/- 2

Ir020: [if Ir005 = 2] Has your employer instructed you to work from home?

	Never	Less than once per week	1-2 times per week	Several times per week	Nearly every day	Every day	Obs	MOSE
Ir020a:	15.0	6.7	6.0	11.8	16.8	43.8	3880	+/- 2

Ir007: [IF Ir004 = 1] Out of the past seven days, how many days did you work from home?

	0	1	2	3	4	5	6	7	Obs	MOSE
Ir007: how many day work from home past seven days	62.1	3.2	3.5	3.7	3.6	18.0	1.9	4.1	3248	+/- 2

Ir010: [IF Ir004 = 1] How frequently are you paid for your job?

	1 Monthly	2 Every two weeks	3 Every week	4 Every day	5 Other (specify) Ir010_other	6 Twice a month	Obs	MOSE
Ir010: how frequently paid	10.5	44.8	17.1	1.5	3.2	23.0	3248	+/- 2

Ir011: [IF Ir004 = 1] What was the amount on your most recent paycheck?

	Mean	Obs	MOSE
Ir011: amount most recent paycheck	2227.6	3178	+/- 2

Ir012: [IF Ir004 = 1] Is that amount before or after taxes were withheld?

	1 Before taxes (gross)	2 After taxes (net)	3 Unsure	Obs	MOSE
Ir012: amount before or after taxes	20.8	76.1	3.1	3142	+/- 2

Ir011c: [if Ir010==4 | Ir010==5 | Ir005==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?

	Mean	Obs	MOSE
Ir011c: takeaway amount last month	3780.5	366	+/- 5

Ir013: [IF Ir004 = 1] If you get sick, how many days can you stay home from your job and still get paid?

	0	1-7	8-14	More than 14	Obs	MOSE
Ir013: how may days stay home and still get paid	27.3	24.4	15.3	33.1	3248	+/- 2

Ir014: [IF Ir013 > 1 AND Ir005 = 2] Do you require your employer's permission to use these sick days?

	1 Yes	2 No	3 Unsure	Obs	MOSE
Ir014: require permission to use sick days	48.5	43.5	8.0	2282	+/- 2

Ir015: [IF Ir004 = 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?

	Mean	Obs	MOSE
Ir015: percent chance you lose your job	12.4	3245	+/- 2

lr016: [IF lr004 = 2] Have you received unemployment insurance benefits in the past fourteen days?

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr016: received unemployment insurance past 14 days	6.0	92.9	1.1	6149	+/- 1

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

	Mean	Obs	MOSE
lr017: amount unemployment insurance	562.9	421	+/- 5

lr017a: [if lr017>0 or lr017bi = 1-5] How often do you expect to receive this amount?

	Once every week	Once every two weeks	Once every month	Another interval	Unsure	Obs	MOSE
lr017a: how often receive unemployment insurance	51.5	27.9	2.0	4.4	14.1	416	+/- 5

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

	1 I received a benefit payment but I am unsure about whether it is from unemployment insurance or some other program	2 I am expecting to receive a payment but I am unsure whether it has been deposited/mailed	3 I received a payment but I am unsure when I received it	4 I prefer not to answer this question	Obs	MOSE
lr016a: why unsure about whether received unemployment insurance in past 14 days	28.2	6.9	64.3	0.5	48	+/- 14

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr031: applied for unemployment benefits since February 2020	6.9	91.9	1.2	5713	+/- 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.

	1 February	2 March	3 April	4 May	5 June	6 July	7 August	Obs	MOSE
lr032_month: month applied unemployment	4.2	40.9	24.0	13.4	7.2	6.7	3.5	406	+/- 5

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

	1 My application was approved but I haven't been paid yet.	2 My application was rejected.	3 I am still waiting for my application to be approved.	4 I am receiving benefits but have not been paid in the past fourteen days	5 Other, please specify: lr033_other	6 I went back to work	7 I am still being paid by employer	8 I did receive benefits at some point	Obs	MOSE
lr033: why not received unemployment	6.9	15.6	13.2	6.8	8.8	22.8	0.4	25.5	407	+/- 5

Ir034: [if Ir016=no and Ir031=no] Why haven't you applied for unemployment insurance benefits?

	1 I am currently working	2 My former employer has not made me eligible	3 I am not eligible for other reasons	4 I am unsure how to apply	5 I decided not to apply for other reasons	6 Other, please specify: Ir034_other	7 I am retired	8 I receive disability or Supplemental Security Income	9 I am temporally on leave from my job /summer break / seasonal	Obs	MOSE
Ir034: why not applied unemployment	53.9	0.8	13.6	0.7	3.2	3.5	18.4	5.0	0.8	5257	+/- 1

Ir019a: 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?

	Government	Private-for-profit company	Non-profit organization	Self-employed	Not employed	Retired	Obs	MOSE
Ir019a: February 2020 employment type	13.4	33.5	7.9	8.0	19.6	17.6	6153	+/- 1

Ir021: [if Ir019a 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.

	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	Obs	MOSE
Ir021:	5.1	7.5	4.7	6.6	7.2	15.4	8.7	12.0	15.3	10.2	7.2	3333	+/- 2

Ir022: [Ir019a = 4] Including yourself, how many people worked in your business or organization in February 2020?

	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	Obs	MOSE
Ir022:	56.5	22.1	8.8	2.6	1.5	0.3	1.3	1.2	0.9	0.4	1.2	3.3	553	+/- 4

Ir020a: [if Ir019a 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)?

	Never	Less than once per week	1-2 times per week	Several times per week	Nearly every day	Every day	Obs	MOSE
Ir020a:	15.0	6.7	6.0	11.8	16.8	43.8	3880	+/- 2

Ir026: [IF Ir004 = 1] How often does your job currently require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?

	1 Never	2 Less than once per week	3 1-2 times per week	4 Several times per week	5 Nearly every day	6 Every day	Obs	MOSE
Ir026: currently interaction within six feet	28.7	8.8	6.2	8.8	11.4	36.0	3248	+/- 2
Ir026a: married or with partner	65.0	35.0	0.0	0.0	0.0	0.0	6146	+/- 1

Ir023: 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.

	1 Yes	2 No	3 Unsure	Obs	MOSE
Ir023a: Ordered them to close completely	17.0	74.5	8.6	3874	+/- 2
Ir023b: Ordered them to substantially limit operations	36.9	53.7	9.4	3875	+/- 2
Ir023c: Ordered employees to work from home	31.0	57.4	11.5	3875	+/- 2

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

	1 Yes, completely	2 Yes, partially or with restrictions	3 No	4 Unsure	Obs	MOSE
lr024a: government allowed to reopen	21.7	62.2	13.0	3.1	707	+/- 4

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

	1 Yes, completely	2 Yes, partially or with restrictions	3 No	4 Unsure	Obs	MOSE
lr024b: government allowed to resume fully	16.9	69.8	9.5	3.8	1484	+/- 3

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr024c: government allowed to stop working from home	43.7	36.8	19.6	1293	+/- 3

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr025: government identified business as essential	64.5	23.9	11.7	3874	+/- 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?

	1 Yes	2 No	Obs	MOSE
lr026a: married or with partner	65.0	35.0	6146	+/- 1

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

	Employed and had a job	Unemployed and looking	Temporarily laid off	Sick or other leave	Not in the labor force	Retired	None of these	Obs	MOSE
lr027:	55.8	3.6	3.2	0.7	10.6	19.5	6.6	3961	+/- 2

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

	Employed and had a job	Unemployed and looking	Temporarily laid off	Sick or other leave	Not in the labor force	Retired	None of these	Obs	MOSE
lr028:	56.3	6.2	2.1	0.7	11.2	21.0	2.5	3961	+/- 2

lr029_month: [if lr027 = response and lr028 = response and lr027 != lr028 then] When did the employment status of your spouse or partner change?

	1	2 February	3 March	4 April	5 May	6 June	7 July	Obs	MOSE
lr029_month: month unemployment status changed	22.5	31.6	14.6	17.1	5.1	6.2	2.8	581	+/- 4

lr030: [if not asked previously and lr028 = 1] Have your spouse or partner's hours been reduced since February 2020?

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr030: spouse/partner hours reduced	22.2	75.7	2.0	2200	+/- 2

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
lr030a: spouse/partner hours reduced	7.1	91.6	1.3	2139	+/- 2

Ir035: [if Ir026a=yes] Has your spouse or partner received unemployment insurance benefits in the past fourteen days?

	1 Yes	2 No	3 Unsure	Obs	MOSE
Ir035: spouse or partner received unemployment	5.4	93.8	0.8	3960	+/- 2

Ir036: Other than you and your spouse or partner, has anyone else in your household received unemployment insurance benefits in the past fourteen days?

	1 Yes	2 No	3 Unsure	Obs	MOSE
Ir036: anyone else in household received unemployment	2.3	95.5	2.2	6145	+/- 1

Ir037: [if Ir035==yes OR Ir036=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.

	Mean	Obs	MOSE
Ir037: unemployment household received	1586.5	380	+/- 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?

	Mean	Obs	MOSE
ei001: chance run out of money	15.6	6144	+/- 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?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei002: worried you would run out of food	6.5	91.8	1.7	6147	+/- 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?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei003: did you eat less	5.7	92.7	1.6	6146	+/- 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?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei004: did you go without eating	2.6	95.7	1.7	6146	+/- 1

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei005a: Medicaid	13.7	84.0	2.3	6135	+/- 1
ei005b: Medicare	23.8	73.7	2.5	6137	+/- 1
ei005c: Social Security	25.9	72.1	2.0	6136	+/- 1
ei005d: Supplemental Security Income (SSI)	4.6	93.1	2.2	6136	+/- 1
ei005e: Social Security Disability Insurance (SSDI)	7.3	90.8	1.9	6134	+/- 1
ei005f: Special Supplemental Assistance Program for Women, Infants, and Children (WIC)	2.8	95.4	1.8	6131	+/- 1
ei005g: Temporary Assistance for Needy Families (TANF)	0.7	97.7	1.6	6135	+/- 1
ei005h: Supplemental Nutrition Assistance Program (SNAP or Food Stamps)	13.2	85.2	1.6	6136	+/- 1
ei005i: Children's Health Insurance Program (CHIP)	1.6	96.6	1.8	6132	+/- 1
ei005j: Housing Assistance (e.g. Section 8 or vouchers)	1.9	96.5	1.5	6133	+/- 1
ei005k: Earned Income Tax Credit (EITC)	0.7	97.5	1.8	6136	+/- 1
ei005l: Economic stimulus funds	7.3	90.1	2.6	6137	+/- 1
ei005m: Aid for people or businesses affected by the coronavirus epidemic	1.3	96.6	2.1	6136	+/- 1

ei006: [IF ei005h = 1] Were you able to use your SNAP (Food Stamps) benefits at the grocery store?

	1 Yes	2 No	3 I did not try	Obs	MOSE
ei006: able to use SNAP	95.5	1.6	3.0	703	+/- 4

ei005inc_c: [If Social Security=yes] Over the past month (since [DATE ONE MONTH AGO]), how much did you and other household members receive from Social Security? If you are not sure, please give your best guess.

	Mean	Obs	MOSE
ei005inc_c: how much received social security	1860.0	1726	+/- 2

ei005inc_d: [If Supplemental Security Income=yes] Over the past month (since [DATE ONE MONTH AGO]), how much did you and other household members receive from Supplemental Security Income (SSI)? If you are not sure, please give your best guess.

	Mean	Obs	MOSE
ei005inc_d: how much received Supplemental Security Income (SSI)	653.0	265	+/- 6

ei005inc_e: [If Social Security Disability Insurance =yes] Over the past month (since [DATE ONE MONTH AGO]), how much did you and other household members receive from Social Security Disability Insurance (SSDI)? If you are not sure, please give your best guess.

	Mean	Obs	MOSE
ei005inc_e: how much received Social Security Disability Insurance (SSDI)	986.1	382	+/- 5

ei005inc_h: [If SNAP=yes] Over the past month (since [DATE ONE MONTH AGO]), how much did your household receive in SNAP or Food Stamps benefits? If you are not sure, please give your best guess.

	Mean	Obs	MOSE
ei005inc_h: how much received SNAP or Food Stamps benefits	299.1	692	+/- 4

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

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei007: file tax return	83.0	15.3	1.7	6151	+/- 1

ei008: Do you owe money on student loans?

	1 Yes	2 No	Obs	MOSE
ei008: owe money on student loans	17.7	82.3	6143	+/- 1

ei009: [IF ei008 = 1] Have you received permission from your lender to delay or reduce payment on your student loans?

	1 Yes	2 No	Obs	MOSE
ei009: permission to delay payment on student loans	64.2	35.8	1092	+/- 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?

	1 Yes	2 No	Obs	MOSE
ei010: missed payment in the past	40.2	59.8	1091	+/- 3

ei011: Do you have a mortgage?

	1 Yes	2 No	Obs	MOSE
ei011: do you have a mortgage	38.3	61.7	6143	+/- 1

ei012: [IF ei011 = 1] Have you received permission from your lender to delay or reduce payment on your mortgage?

	1 Yes	2 No	Obs	MOSE
ei012: permission to delay mortgage payment	17.4	82.6	2488	+/- 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?

	1 Yes	2 No	Obs	MOSE
ei013: past month delay payment on mortgage	7.4	92.6	2488	+/- 2

ei014: Do you rent your primary residence?

	1 Yes	2 No	Obs	MOSE
ei014: rent primary residence	29.4	70.6	6140	+/- 1

ei015: [IF ei014 = 1] Have you received permission from your landlord to delay or reduce payment of your rent?

	1 Yes	2 No	Obs	MOSE
ei015: permission to delay or reduce rent payment	12.3	87.7	1794	+/- 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?

	1 Yes	2 No	Obs	MOSE
ei016: past month missed or delay rent payment	11.4	88.6	1794	+/- 2

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

	Certain Yes	Probably	Probably Not	Certain No	Don't know	Prefer not to say	Obs	MOSE
ei017: How confident	54.5	13.4	5.8	14.4	8.0	3.9	6142	+/- 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.

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei018a: By putting it on my credit card and paying it off in full at the next statement	42.7	51.2	6.1	6127	+/- 1
ei018b: By putting it on my credit card and paying it off over time	27.6	66.8	5.6	6109	+/- 1
ei018c: With the money currently in my checking/savings account or with cash	59.0	34.8	6.2	6128	+/- 1
ei018d: Using a bank loan or line of credit	8.3	85.7	6.0	6111	+/- 1
ei018e: By borrowing from a friend or family member	16.9	75.7	7.4	6119	+/- 1
ei018f: Using a payday loan, deposit advance, or overdraft	3.2	91.3	5.5	6119	+/- 1
ei018g: By selling something	13.3	79.0	7.6	6122	+/- 1
ei018h: I wouldn't be able to pay for the expense right now	11.7	77.8	10.5	6123	+/- 1

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?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ei019: something been stolen in last 7 days	0.8	97.0	2.1	6144	+/- 1

ei030: Since April 1, have you been evicted or foreclosed, received an eviction or foreclosure notice, or been told by a landlord to move from your residence?

	Yes, I have been or currently am in process	Yes, I have received written notice	Yes, I have received oral notice but not written	No	Does not apply	Obs	MOSE
ei030: have you been evicted or foreclosed, received an eviction or foreclosure notice	0.1	0.3	0.3		47.4	6140	+/- 1
				51.9			

ei031: [if ei030 is NOT Yes, I have been or am currently being, evicted or foreclosed from my residence] What is the percent chance that you will be evicted, go into foreclosure, or be forced by a landlord to move from your current residence in the next thirty days? If you are not sure, please give your best guess.

	Mean	Obs	MOSE
ei031: chance will be evicted	6.7	3293	+/- 2

8. Crime

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

	1 Strongly disagree	2 Disagree	3 Agree	4 Strongly agree	Obs	MOSE
ei020: My neighborhood is clean	2.7	8.2	52.2	36.9	6139	+/- 1

ei021: Do you agree or disagree with each of the following statements?

	1 Strongly disagree	2 Disagree	3 Agree	4 Strongly agree	Obs	MOSE
ei021: There is too much crime in my neighborhood	41.8	44.5	10.6	3.1	6140	+/- 1

ei022: Do you agree or disagree with each of the following statements?

	1 Strongly disagree	2 Disagree	3 Agree	4 Strongly agree	Obs	MOSE
ei022: Vandalism is common in my neighborhood	45.1	44.5	7.8	2.6	6142	+/- 1

ei023: Do you agree or disagree with each of the following statements?

	1 Strongly disagree	2 Disagree	3 Agree	4 Strongly agree	Obs	MOSE
ei023: There are too many people hanging around on the streets near my home	44.0	42.8	9.7	3.5	6142	+/- 1

9. Social Security

ss001: [if current age > 49 AND current age < 70] Do you currently receive social security retirement benefits?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ss001: currently receive social security retirement benefits	25.7	72.7	1.6	2450	+/- 2

ss002_year: [if ss001 = 2] At what age do you plan to begin claiming Social Security retirement benefits?

	Mean	Obs	MOSE
ss002_year: year plan to claim	66.1	1090	+/- 3

ss003: [if lr016 = 1] For how many more months do you think you will continue to receive unemployment insurance benefits? If you are unsure, please give your best guess.

	Mean	Obs	MOSE
ss003: how many months more unemployment benefits	3.2	132	+/- 9

ss004s: [if lr016 = 1] What do you plan to do if your unemployment benefits run out?

	No	Yes	Obs	MOSE
ss004s1: Try to find a job	46.2	53.8	132	+/- 9
ss004s2: Claim my Social Security retirement benefits	92.3	7.7	132	+/- 9
ss004s3: Apply for disability benefits	95.7	4.3	132	+/- 9
ss004s4: Apply for benefits from a different government program	94.9	5.1	132	+/- 9
ss004s5: Use personal savings from IRA or similar accounts	86.5	13.5	132	+/- 9
ss004s6: Use personal savings from other sources	74.4	25.6	132	+/- 9
ss004s7: Get help from friends or family members	94.6	5.4	132	+/- 9
ss004s8: Other, please specify: ss004_other	78.4	21.6	132	+/- 9

10. Cash and Payments

ca02: How much cash do you currently have in your pocket, purse or wallet?

	Mean	Obs	MOSE
ca02: cash currently in pocket, purse, wallet	104.8	6094	+/- 1

ca03: How much cash do you have stored elsewhere in your home, car, or elsewhere?

	Mean	Obs	MOSE
ca03: cash stored elsewhere	1443.3	6061	+/- 1

ca04a: In the last 30 days, did you withdraw more cash than normal because of the coronavirus?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca04a: took out extra cash	5.8	91.9	2.2	6139	+/- 1

ca10a: [if ca05a = yes (has made in-person payments)] For the in-person payments that you have made in the past 30 days (since [DATE 30 DAYS AGO]), have you avoided using cash because of the coronavirus?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca10a: avoid using cash	24.6	73.9	1.5	3735	+/- 2

ca05a: Now we would like to ask about payments that you made in person, such as times when you bought something from a physical store, ordered food from a restaurant, shopped at a farmers market, or any other time you paid someone in person. Have you made any in-person payments in the past 30 days (since [DATE 30 DAYS AGO])?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca05a: made any in-person payments in the past 30 days	58.7	38.7	2.6	6138	+/- 1

ca14: [if ca05a = yes] When you made in-person payments, how often did the sellers ask you to use a debit or credit card instead of cash?

	1 Always	2 Most of the time	3 Sometimes	4 Rarely	5 Never	6 Unsure	Obs	MOSE
ca14: how often did sellers ask to use a debit or credit card instead of cash	6.3	17.2	18.9	12.8	41.3	3.5	3735	+/- 2

ca15: [if ca05a = yes] Which methods have you used to make in-person payments in the past 30 days?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca15a: used cash	72.8	26.2	1.0	3727	+/- 2
ca15b: used credit card	64.7	34.8	0.5	3721	+/- 2
ca15d: used prepaid card, gift card, or stored value card	25.0	74.2	0.8	3728	+/- 2
ca15c: used debit card	66.5	33.3	0.2	3727	+/- 2
ca15e: used other payment method	6.7	88.9	4.4	3708	+/- 2

ca16: [if ca15a = yes (has paid with cash)] Think of the most recent time that you made an in-person payment with cash. Did you receive change?

	1 Yes, I received change	2 No, I paid the exact amount	3 No, I should have received change but I did not receive any	4 Unsure	Obs	MOSE
ca16: received change	79.2	18.3	1.4	1.2	2767	+/- 2

ca17: [if ca16 = yes] When you received change during this transaction, did you:

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca17a: Receive exact change	97.1	2.0	0.9	2181	+/- 2
ca17b: Receive change that was rounded to the nearest 5 or 10 cents	5.6	92.6	1.9	2180	+/- 2
ca17c: Receive a pre-paid card as change	0.9	98.8	0.4	2180	+/- 2

ca17_followup: [if ca017a = yes (exact change) and ca017b = yes (rounded to nearest 5 or 10 cents)] Did you receive exact change, or was it rounded to the nearest 5 or 10 cents?

	1 Exact change	2 Rounded to the nearest 5 or 10 cents	3 Neither	4 Unsure	Obs	MOSE
ca17_followup: what kind of change received	54.9	35.5	2.6	7.0	87	+/- 11

ca18: Have you done any of the following things in the past 30 days (since [DATE 30 DAYS AGO])?

	1 Yes	2 No	3 Unsure	Obs	MOSE
ca18a: Paid for something using coins	28.5	69.4	2.1	6138	+/- 1
ca18b: Deposited coins at a bank	4.0	94.5	1.6	6140	+/- 1
ca18c: Redeemed coins at a kiosk (e.g. Coinstar)	2.5	96.1	1.4	6139	+/- 1