COVID Impact Survey: Week 2, Missouri Findings

Conducted by NORC at the University of Chicago
On behalf of the Data Foundation

Interviews: 05/4-10/2020
418 adults residing in Missouri
Margin of error: +/- 6.7 percentage points at the 95% confidence level among all adults

NOTE: All results show percentages among all respondents, unless otherwise labeled.

SOC1. We'd like to know how much you trust people in your neighborhood. Generally speaking, would you say that you can trust all the people, most of the people, some of the people, or none of the people in your neighborhood?

[HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

	NORC 05/04-10/2020
Top NET	**53**
All	8
Most	45
Bot NET	**47**
Some	39
None	9
DON'T KNOW	-
SKIPPED/REFUSED	*

N = 418

SOC2A. In the past month, how often did you talk with any of your neighbors?

	NORC 05/04-10/2020
Top NET	**45**
Basically every day	12
A few times a week	33
A few times a month	**28**
Bot NET	**26**
Once a month	13
Not at all	13
Not sure	1
SKIPPED/REFUSED	*

N = 418

SOC2B. During a typical month prior to March 1, 2020, when COVID-19 began spreading in the United States, how often did you talk with any of your neighbors?

	NORC 05/04-10/2020
Top NET	**48**
Basically every day	18
A few times a week	31
A few times a month	**24**
Bot NET	**26**
Once a month	16
Not at all	10
Not sure	2
SKIPPED/REFUSED	*

N = 418

SOC3A. In the past month, how often did you communicate with friends and family by phone, text, email, app, or using the Internet?

	NORC 05/04-10/2020
Top NET	**96**
Basically every day	73
A few times a week	23
A few times a month	**3**
Bot NET	**1**
Once a month	1
Not at all	*
Not sure	-
SKIPPED/REFUSED	-

N = 418

SOC3B. During a typical month prior to March 1, 2020, when COVID-19 began spreading in the United States, how often did you communicate with friends and family by phone, text, email, app, or using the Internet?

	NORC 05/04-10/2020
Top NET	**89**
Basically every day	59
A few times a week	30
A few times a month	**8**
Bot NET	**3**
Once a month	1
Not at all	2
Not sure	-
SKIPPED/REFUSED	*

N = 418

SOC4A. In the past month, did you spend any time volunteering for any organization or association, or not?

	NORC 05/04-10/2020
Yes	11
No	88
Not sure	1
SKIPPED/REFUSED	*

N = 418

SOC4B. During a typical month prior to March 1, 2020, when COVID-19 began spreading in the United States, did you spend any time volunteering for any organization or association, or not?

	NORC 05/04-10/2020
Yes	25
No	72
Not sure	2
SKIPPED/REFUSED	-

N = 418

PHYS8. Would you say your health in general is excellent, very good, good, fair, or poor?

	NORC 05/04-10/2020
Top NET	**56**
Excellent	22
Very good	33
Good	**31**
Bot NET	**13**
Fair	11
Poor	2
DON'T KNOW	-
SKIPPED/REFUSED	*

N = 418

PHYS1. Have you experienced any of the following symptoms in the past 7 days, or not?

[GRID ITEMS RANDOMIZED]

NORC 05/04-10/2020	Yes	No	Not sure	SKP/REF
Fever	12	87	1	1
Chills	16	82	1	1
Runny or stuffy nose	15	84	1	1
Chest congestion	14	85	-	1
Skin rash	17	82	1	1
Cough	14	86	*	-
Sore throat	13	86	*	1
Sneezing	13	87	-	*
Muscle or body aches	13	87	1	*
Headaches	14	85	1	*
Fatigue or tiredness	13	85	1	*
Shortness of breath	10	88	1	1
Abdominal discomfort	13	87	-	*
Nausea or vomiting	17	82	1	*
Diarrhea	12	88	*	*
Changed or lost sense of taste or smell	12	87	1	*
Loss of appetite	10	88	2	*

N = 418

SOC5. In the past 7 days, how often have you?

[GRID ITEMS RANDOMIZED]

NORC 05/04-10/2020	Top NET	Not at all or less than 1 day	1-2 days	Bot NET	3-4 days	5-7 days	DON'T KNOW	SKP/REF
Felt nervous, anxious, or on edge	**87**	64	23	**13**	8	4	-	1
Felt depressed	**78**	62	16	**21**	12	9	*	1
Felt lonely	**81**	63	18	**18**	10	8	-	1
Felt hopeless about the future	**81**	66	16	**18**	10	8	-	1
Had physical reactions such as sweating, trouble breathing, nausea or a pounding heart when thinking about your experience with the coronavirus pandemic	**96**	91	5	**3**	2	2	-	1

N = 418

PHYS2. Which of the following measures, if any, are you taking in response to the coronavirus?
Please select all that apply.

NORC 05/04-10/2020	Yes
Canceled a doctor appointment	33
Worn a face mask	77
Visited a doctor or hospital	9
Canceled or postponed work activities	32
Canceled or postponed school activities	20
Canceled or postponed dentist or other appointment	35
Canceled outside housekeepers or caregivers	12
Avoided some or all restaurants	77
Worked from home	30
Studied from home	15
Canceled or postponed pleasure, social, or recreational activites	73
Stockpiled food or water	31
Avoided public or crowded places	79
Prayed	59
Avoided contact with high-risk people	66
Washed or sanitized hands	93
Kept six feet distance from those outside my household	90
Stayed home because I felt unwell	10
Wiped packages entering my home	38
DON'T KNOW	*
SKIPPED ON WEB	*
REFUSED	-

N = 418

PHYS10. There are some options for testing and tracking people who may have COVID-19 in order to help slow the spread of this virus. If these options were available to you, how likely would you be to participate in them?

NORC 05/04-10/2020	Top NET	Extremely likely	Very likely	Moderately likely	Bot NET	Not too likely	Not likely at all	Already done this	DON'T KNOW	SKP/REF
Installing an app on your phone that asks you questions about your own symptoms and provides recommendations about COVID-19	**24**	12	11	**22**	**54**	18	35	*	-	*
Installing an app on your phone that tracks your location and sends push notifications if you might have been exposed to COVID-19	**26**	16	10	**20**	**54**	11	42	-	-	*
Using a website to log your symptoms and location and get recommendations about COVID-19	**27**	12	15	**20**	**53**	18	35	*	-	*
Testing you for COVID-19 infection using a q-tip to swab your cheek or nose	**49**	29	20	**20**	**28**	12	16	2	1	1
Testing you for immunity or resistance to COVID-19 by drawing a small amount of blood	**52**	33	20	**19**	**27**	9	17	1	1	1

N = 418

ECON8. In the past 7 days, have your personal plans been changed or affected by the following types of restrictions, or not?

[GRID ITEMS RANDOMIZED]

NORC 05/04-10/2020	Yes	No	Not sure	SKP/REF
K-12 school closure	37	58	4	*
Pre-K or child care closure	38	59	2	1
College or training closure	38	60	1	1
Ban on gatherings of 250 people or more	32	66	2	*
Ban on gatherings of 50 people or more	36	62	1	1
Ban on gatherings of 10 people or more	34	62	2	1
Closure of place of worship	40	58	1	1
Reduced public transportation	34	63	2	2
Other reduced public services	34	63	2	1
Closure of bars	37	61	2	1
Closure of restaurants	39	60	1	*
Closure of gyms or fitness facilities	35	64	*	1
Closure of other businesses	34	64	1	*
Canceled sport events	34	64	1	*
Closure of work	35	64	1	1
Work from home requirements	36	63	1	*
Quarantine requirements or stay-at-home orders	32	66	1	1
International travel restrictions or bans	43	53	3	1
Domestic travel restrictions or bans	67	30	3	*

N = 418

ECON7. Suppose that you have an unexpected expense that costs $400. Based on your current financial situation, how would you pay for this expense? If you would use more than one method to cover this expense, please select all that apply.

NORC 05/04-10/2020	Yes
Put it on my credit card and pay it off in full at the next statement	29
Put it on my credit card and pay it off over time	17
Use money currently in my checking or savings account or with cash	47
Use money from a bank loan or line of credit	2
Borrow from a friend or family member	9
Use a payday loan, deposit advance or overdraft	3
Sell something	8
I would not be able to pay for it right now	23
DON'T KNOW	-
SKIPPED ON WEB	1
REFUSED	*

N = 418

ECON1. In the past 7 days, did you do any work for pay at a job or business?

	NORC 05/04-10/2020
Yes, I worked for someone else for wages, salary, piece rate, commission, tips, or payments 'in kind,' for example, food or lodging received as payment for work performed	41
Yes, I worked as self-employed in my own business, professional practice, or farm	5
No, I did not work for pay last week.	54
DON'T KNOW	-
SKIPPED/REFUSED	*

N = 418

Show if Worked for someone else in ECON1
ECON2. How many hours did you work last week at all jobs?

	NORC 05/04-10/2020
0 hours	3
1-20 hours	20
21-39 hours	18
40+ hours	59
DON'T KNOW	-
SKIPPED/REFUSED	-

N = 163

Show if Did not work for pay last week in ECON1
ECON4. What was your main reason for not working for pay?

	NORC 05/04-10/2020
I do not want to be employed at this time	12
I am retired	44
I was laid-off temporarily or furloughed	27
I was not at my usual jobs because I was caring for children not in school	3
I was not at my usual jobs because I was caring for an elderly person	*
I was not at my usual jobs because I was caring for someone with COVID-19	-
I was not at my usual jobs because I was recovering from COVID-19 or isolating due to exposure to COVID-19	*
I was unemployed and looking for work starting before March 1, 2020 when COVID-19 began spreading in the United States	6
I was unemployed and looking for work starting after March 1, 2020 when COVID-19 began spreading in the United States	5
DON'T KNOW	2
SKIPPED/REFUSED	1

N = 219

ECON3. Prior to March 1, 2020 when COVID-19 began spreading in the United States, how many hours did you usually work each week?

	NORC 05/04-10/2020
0 hours	30
1-20 hours	7
21-39 hours	11
40+ hours	48
DON'T KNOW	*
SKIPPED/REFUSED	3

N = 418

ECON4A. Think about 30 days from now, how likely do you think it is that you will be employed at that time?

	NORC 05/04-10/2020
Top NET	**46**
Extremely likely	27
Very likely	19
Moderately likely	**13**
Bot NET	**37**
Not too likely	7
Not likely at all	30
DON'T KNOW	1
SKIPPED/REFUSED	3

N = 418

ECON4B. Think about 3 months from now, how likely do you think it is that you will be emloyed at that time?

	NORC 05/04-10/2020
Top NET	**49**
Extremely likely	31
Very likely	18
Moderately likely	**15**
Bot NET	**33**
Not too likely	8
Not likely at all	25
DON'T KNOW	1
SKIPPED/REFUSED	3

N = 418

ECON6. In the past 7 days, have you either received, applied for any of the following forms of income assistance, or not?

NORC 05/04-10/2020	Top NET	Received	Applied for	Bot NET	Tried to apply for	Did not receive nor apply for any	DON'T KNOW	SKP/REF
Unemployment insurance	**13**	8	5	**85**	4	81	-	2
SNAP (Supplemental Nutrition Assistance Program)	**14**	9	4	**85**	2	83	-	2
TANF (Temporary Assistance for Needy Families)	**1**	1	-	**97**	*	96	-	3
Social Security	**24**	23	1	**74**	*	74	-	2
Supplemental Social Security	**5**	4	2	**94**	*	93	*	1
Any kind of government health insurance or health coverage plan including Medicaid, Medical Assistance or Medicare	**22**	21	1	**76**	*	76	-	2
Other aid from the government	**11**	8	3	**87**	1	86	*	1
Assistance from a union or other association	**2**	2	*	**97**	1	96	-	1
Assistance from a church or religious organization	**4**	3	1	**96**	-	96	-	-
Assistance from another community organization	**5**	4	2	**95**	2	93	-	-
A food pantry	**8**	7	1	**92**	1	91	-	-
Other assistance	**5**	4	1	**94**	1	93	-	*

N = 418

ECON5A. Please indicicate whether the following statements were often true, sometimes true, or never true for you or your household over the past 30 days.

NORC 05/04-10/2020	Often true	Sometimes true	Never true	DON'T KNOW	SKP/REF
We worried our food would run out before we got money to buy more	9	16	74	-	*
The food that we bought just didn't last, and we didn't have money to get more	8	12	80	-	*

N = 418

PHYS7. Please indicate if you have felt any of the following in the past 7 days.
Please select all that apply.

NORC 05/04-10/2020	Yes
Felt hot or feverish	3
Felt chilly or cold or had chills	4
Been sweating more than usual	3
Have not felt any of these	93
DON'T KNOW	-
SKIPPED ON WEB	1
REFUSED	-

N = 418

PHYS11. Can you use a thermometer to take your temperature now?

	NORC 05/04-10/2020
Yes	70
No	29
DON'T KNOW	*
SKIPPED/REFUSED	1

N = 418

PHYS11_TEMP. Can you use a thermometer to take your temperature now? [Recorded temperature]

	NORC 05/04-10/2020
<97 degrees	9
97 to <99 degrees	86
99 to <100.3 degrees	2
100.3 degrees or more	-
Out of range	1
DON'T KNOW	-
SKIPPED/REFUSED	2

N = 293

PHYS9. Are you currently covered by any of the following types of health insurance or health coverage plans?

NORC 05/04-10/2020	Yes	No	DON'T KNOW	SKP/REF
Insurance through a current or former employer or union of yours or another family member	48	50	*	2
Insurance purchased directly through an insurance company by you or another family member	13	82	-	4
TRICARE or another military health care	3	92	-	5
Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability	20	76	-	4
Medicare, for people 65 and older, or people with certain disabilities	23	74	-	3
The Veteran's Administration, meaning you are currently enrolled for VA health care	4	92	-	4
Indian Health Service	-	96	-	4
Other health insurance or health coverage plan	22	74	-	3

N = 418

PHYS3. Has a doctor or other health care provider ever told you you have any of the following?

NORC 05/04-10/2020	Yes	No	Not sure	SKP/REF
Diabetes	11	84	3	1
High blood pressure or hypertension	38	59	2	1
Heart disease, heart attack or stroke	10	86	2	2
Asthma	11	85	3	1
Chronic lung disease or COPD	6	93	1	*
Bronchitis or emphysema	8	91	1	*
Allergies	44	53	1	2
A mental health condition	18	82	*	*
Cystic fibrosis	1	98	1	1
Liver disease or end stage liver disease	2	98	*	1
Cancer	5	95	1	*
A compromised immune system	9	90	1	1
Overweight or obesity	31	67	1	*

N = 418

PHYS4. Has a doctor or other health care provider ever told you that you have COVID-19?

	NORC 05/04-10/2020
Yes	1
No	99
Not sure	*
SKIPPED/REFUSED	*

N = 418

PHYS5. Has a doctor or other health care provider ever told someone you live with that they have COVID-19?

	NORC 05/04-10/2020
Yes	-
No	99
Not sure	*
SKIPPED/REFUSED	1

N = 418

PHYS6. Have you had a family member or close friend die from COVID-19 or respiratory illness since March 1, 2020?

	NORC 05/04-10/2020
Yes	3
No	95
Not sure	1
SKIPPED/REFUSED	*

N = 418

AGE4. Age: 4 category

	NORC 05/04-10/2020
18-29	21
30-44	23
45-59	24
60+	33
REMOVED FOR DISCLOSURE RISK	-

N = 418

GENDER. Are you male or female

	NORC 05/04-10/2020
Male	48
Female	52
Not sure	-
SKIPPED/REFUSED	-

N = 418

RACE_R2. Race/ethnicity: White/nonwhite

	NORC 05/04-10/2020
White non-Hispanic	81
Nonwhite	19
DONT KNOW	-
REMOVED FOR DISCLOSURE RISK	-
SKIPPED/REFUSED	*

N = 418

HHINCOME. Household income

	NORC 05/04-10/2020
Under $10,000	12
$10,000 to under $20,000	10
$20,000 to under $30,000	13
$30,000 to under $40,000	7
$40,000 to under $50,000	11
$50,000 to under $75,000	16
$75,000 to under $100,000	13
$100,000 to under $150,000	8
$150,000 or more	5
DON'T KNOW	-
SKIPPED/REFUSED	4

N = 418

EDUC4. Education: 4 categories

	NORC 05/04-10/2020
No HS diploma	12
HS graduate or equivalent	28
Some college	32
BA or above	27
Not sure	-
SKIPPED/REFUSED	-

N = 418

P_DENSE. Population density - Rural, suburban, or urban

	NORC 05/04-10/2020
Rural	16
Suburban	27
Urban	57

N = 418

The COVID Impact Survey: Methodological Approach

The COVID-19 Household Impact Survey is a philanthropic effort to provide national and regional statistics about physical health, mental health, economic security, and social dynamics in the United States. The COVID Impact Survey is funded by the Data Foundation. NORC at the University of Chicago is conducting the survey.

The survey is designed to provide weekly estimates of the U.S. adult household population nationwide and for 18 regional areas including 10 states (CA, CO, FL, LA, MN, MO, MT , NY, OR, TX) and 8 Metropolitan Statistical Areas (Atlanta, Baltimore, Birmingham, Chicago, Cleveland, Columbus, Phoenix, Pittsburgh). Data collection is occurring over a week long period. Interviews are conducted in English and Spanish. Respondents are offered a small monetary incentive for completing the survey. The questionnaire is available at: https://www.covid-impact.org/ (https://www.covid-impact.org/). And for additional information on the study, please contact covidimpactsurvey@datafoundation.org (mailto:covidimpactsurvey@datafoundation.org).

National Survey

Data for the national estimates are collected using the AmeriSpeak Panel®, NORC's probability-based panel designed to be representative of the U.S. household population. During the initial recruitment phase of the AmeriSpeak panel, randomly selected U.S. households were sampled with a known, non-zero probability of selection from the NORC National Sample Frame and then contacted by U.S. mail, email, telephone, and field interviewers (face-to-face). The panel provides sample coverage of approximately 97% of the U.S. household population. Those excluded from the sample include people with P.O. Box only addresses, some addresses not listed in the USPS Delivery Sequence File, and some newly constructed dwellings.

Interviews are conducted with adults age 18 and over representing the 50 states and the District of Columbia. Panel members are randomly drawn from AmeriSpeak. In households with more than one adult panel member, only one is selected at random for the sample. Invited panel members may complete the survey online or by telephone with an NORC telephone interviewer.

Once the sample has been selected and fielded, and all the study data have been collected and made final, an iterative raking process is used to adjust for any survey nonresponse as well as any noncoverage or under and oversampling resulting from the study specific sample design. Raking variables include age, gender, census division, race/ethnicity, education, and county groupings based on county level counts of the number of COVID-19 deaths. Demographic weighting variables were obtained from the 2020 Current Population Survey. The count of COVID-19 deaths by county was obtained from USA Facts. The weighted data reflect the U.S. population of adults age 18 and over.

Region Surveys

Data for the regional estimates are collected using a multi-mode address-based (or ABS) approach that allows residents of each area to complete the interview via web or with an NORC telephone interviewer. The sampling frame is based on an extract of the U.S. Postal Service delivery-sequence file (DSF). The DSF provides sample coverage of approximately 97% of the U.S. household population. Those excluded from the sample include people with P.O. Box only addresses, some addresses not listed in the USPS Delivery Sequence File, and some newly constructed dwellings. Addresses are stratified by the Census propensity to respond metric and then randomly selected within each target region.

All sampled households are mailed a postcard inviting them to complete the survey either online using a unique PIN or via telephone by calling a toll-free number. Postcards are addressed to: [CITY] HOUSEHOLD. There is no within household selection for households with multiple adults. Interviews are conducted with adults age 18 and over.

In four states (CA, FL, NY, and TX), the AmeriSpeak panel design yields representative state samples. As such, AmeriSpeak panelists who reside in each of these four states are combined with the ABS sample to generate region level estimates. These panelists' sampling weights are then raked with the ABS to external population targets for each state.

Once the sample has been selected and fielded, and all the study data have been collected and made final, an iterative raking process is used to adjust for any survey nonresponse as well as any noncoverage or under and oversampling. Raking variables include age, gender, race/ethnicity, education, and county groupings based on county level counts of the number of COVID-19 deaths. Demographic weighting variables were obtained from the 2018 American Community Survey. The count of COVID-19 deaths by county was obtained from USA Facts. The weighted data reflect the population of adults age 18 and over in each region.

A Note on Applying Weights

The dataset contains 6 weight variables. When generating national estimates, the NATIONAL_WEIGHT or NATIONAL_WEIGHT_POP should be applied. When generating estimates for a geographic region, the REGION_WEIGHT or REGION_WEIGHT_POP should be applied. NATIONAL_WEIGHT and REGION_WEIGHT are normalized weights that total to the sample size. NATIONAL_WEIGHT_POP and REGION_WEIGHT_POP are population weights that total to size of the adult population nationally or in the regions. Any analyses that aggregate all 18 regions together should apply REGION_WEIGHT_POP. When generating estimates combining the Wave 1 and Wave 2 samples, NAT_WGT_COMB_POP and REG_WGT_COMB_POP, should be used for analysis for national and regional samples, respectively. These weights have been adjusted so that they represent the population when the Wave 1 and Wave 2 samples are combined.

Data Collection Metrics for May 4-10, 2020

AmeriSpeak Sample Performance Summary

Sampled/ Invited Panelists	No. Screening Interviews Completed	Screener Completion Rate	No. Panelists Eligible for Interview	Incidence/ Eligibility Rate	No. Survey Interviews Completed	No. Completed Online	No. Completed by Phone	Interview Completion Rate	AAPOR RR3
8,570	N/A	N/A	N/A	100%	2,238	2,044	194	26.1%	5.2%

ABS Sample Performance Summary

Sampled/ Invited Panelists	No. Screening Interviews Completed	Screener Completion Rate	No. Panelists Eligible for Interview	Incidence/ Eligibility Rate	No. Survey Interviews Completed	No. Completed Online	No. Completed by Phone	Interview Completion Rate	AAPOR RR3
268,358	6,806	2.4%	6,806	100%	6,342	5,840	502	93.3%	2.3%

Margins of Sampling Error

	No. Completed Interviews Sourced from ABS	No. Completed Interviews Sourced from AmeriSpeak	Design Effect	Margin of Sampling Error (incl. design effect) +/- percentage points
National	0	2,238	1.98	2.9
CA	369	303	1.78	5.0
CO	418	0	2.34	7.3
FL	343	143	1.92	6.2
LA	342	0	1.79	7.1
MN	408	0	1.88	6.7
MO	418	0	1.96	6.7
MT	N/A	N/A	N/A	N/A
NY	353	98	2.20	6.8
OR	425	0	1.76	6.3
TX	283	140	1.91	6.6
Atlanta	413	0	2.46	7.6
Baltimore	358	0	1.58	6.5
Birmingham	315	0	1.80	7.4
Chicago	418	0	2.16	7.0
Cleveland	404	0	1.78	6.5
Columbus	373	0	2.00	7.2
Phoenix	313	0	3.13	9.8
Pittsburgh	389	0	1.62	6.3

Research publications that use microdata from the COVID Impact Survey should cite as:

Abigail Wozniak, Joe Willey, Jennifer Benz, and Nick Hart. COVID Impact Survey: Version 2 [dataset]. Chicago, IL: National Opinion Research Center, 2020.

Media articles and other publications should attribute as:

The COVID-19 Household Impact Survey (https://www.covid-impact.org/), conducted by NORC at the University of Chicago for the Data Foundation.

About The Data Foundation

The Data Foundation is a 501(c)(3) non-profit based in Washington, D.C. The organization focuses on studying and developing strategies to improve the federal government's data infrastructure to support evidence-based policymaking and open data products. Supported by private sector, philanthropy, and government contract funding, the Data Foundation provides administration and operational support for the COVID-19 Household Impact Survey, including communications and coordination with key policymaking communities.

Learn more at datafoundation.org (https://datafoundation.org)

About the NORC at the University of Chicago

NORC at the University of Chicago is an independent research institution that delivers reliable data and rigorous analysis to guide critical programmatic, business, and policy decisions. Since 1941, NORC has conducted groundbreaking studies, created and applied innovative methods and tools, and advanced principles of scientific integrity and collaboration. Today, government, corporate, and nonprofit clients around the world partner with NORC to transform increasingly complex information into useful knowledge.

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