COVID Impact Survey: Week 2, Birmingham-Hoover, Alabama Findings

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

Interviews: 05/4-10/2020
315 adults residing in Birmingham-Hoover, Alabama
Margin of error: +/- 7.4 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	**50**
All	11
Most	40
Bot NET	**50**
Some	45
None	5
DON'T KNOW	-
SKIPPED/REFUSED	*
N = 315	

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

	NORC 05/04-10/2020
Top NET	**50**
Basically every day	18
A few times a week	32
A few times a month	**24**
Bot NET	**25**
Once a month	14
Not at all	11
Not sure	1
SKIPPED/REFUSED	*
N = 315	

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	**49**
Basically every day	16
A few times a week	33
A few times a month	**24**
Bot NET	**24**
Once a month	12
Not at all	12
Not sure	3
SKIPPED/REFUSED	*
N = 315	

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	**91**
Basically every day	71
A few times a week	20
A few times a month	**7**
Bot NET	**2**
Once a month	*
Not at all	1
Not sure	-
SKIPPED/REFUSED	*
N = 315	

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	**88**
Basically every day	65
A few times a week	23
A few times a month	**8**
Bot NET	**2**
Once a month	1
Not at all	1
Not sure	1
SKIPPED/REFUSED	2
N = 315	

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

	NORC 05/04-10/2020
Yes	10
No	86
Not sure	4
SKIPPED/REFUSED	*
N = 315	

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	24
No	72
Not sure	4
SKIPPED/REFUSED	*
N = 315	

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

	NORC 05/04-10/2020
Top NET	**59**
Excellent	20
Very good	40
Good	**26**
Bot NET	**14**
Fair	11
Poor	3
DON'T KNOW	-
SKIPPED/REFUSED	*
N = 315	

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	15	85	*	*
Chills	14	85	*	1
Runny or stuffy nose	13	86	1	*
Chest congestion	15	83	1	1
Skin rash	12	86	1	*
Cough	12	86	1	*
Sore throat	19	80	1	*
Sneezing	12	86	-	1
Muscle or body aches	15	84	1	*
Headaches	15	85	*	-
Fatigue or tiredness	14	84	2	-
Shortness of breath	18	81	*	-
Abdominal discomfort	16	84	1	-
Nausea or vomiting	14	84	2	*
Diarrhea	12	88	*	*
Changed or lost sense of taste or smell	13	86	*	*
Loss of appetite	15	85	*	*
N = 315				

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	**83**	64	19	**17**	12	6	-	-
Felt depressed	**85**	64	21	**15**	8	7	1	-
Felt lonely	**85**	63	22	**15**	9	6	-	*
Felt hopeless about the future	**81**	58	23	**17**	11	7	*	1
Had physical reactions such as sweating, trouble breathing, nausea or a pounding heart when thinking about your experience with the coronavirus pandemic	**96**	87	9	**4**	4	*	-	-
N = 315								

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	25
Worn a face mask	88
Visited a doctor or hospital	15
Canceled or postponed work activities	25
Canceled or postponed school activities	19
Canceled or postponed dentist or other appointment	38
Canceled outside housekeepers or caregivers	10
Avoided some or all restaurants	73
Worked from home	31
Studied from home	18
Canceled or postponed pleasure, social, or recreational activites	69
Stockpiled food or water	39
Avoided public or crowded places	77
Prayed	75
Avoided contact with high-risk people	69
Washed or sanitized hands	97
Kept six feet distance from those outside my household	93
Stayed home because I felt unwell	11
Wiped packages entering my home	49
DON'T KNOW	-
SKIPPED ON WEB	*
REFUSED	-
N = 315	

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	**34**	18	17	**15**	**46**	18	28	4	*	*
Installing an app on your phone that tracks your location and sends push notifications if you might have been exposed to COVID-19	**33**	19	14	**9**	**56**	17	39	1	-	-
Using a website to log your symptoms and location and get recommedations about COVID-19	**33**	13	20	**25**	**40**	10	30	1	-	1
Testing you for COVID-19 infection using a q-tip to swab your cheek or nose	**49**	31	17	**20**	**27**	13	14	3	*	-
Testing you for immunity or resistance to COVID-19 by drawing a small amount of blood	**55**	34	20	**19**	**26**	10	16	*	-	-
N = 315										

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	38	59	2	1
Pre-K or child care closure	41	58	1	*
College or training closure	34	64	*	1
Ban on gatherings of 250 people or more	41	56	2	1
Ban on gatherings of 50 people or more	38	58	3	1
Ban on gatherings of 10 people or more	36	61	1	1
Closure of place of worship	38	60	1	1
Reduced public transportation	44	54	1	2
Other reduced public services	39	58	*	3
Closure of bars	39	59	1	2
Closure of restaurants	35	61	3	1
Closure of gyms or fitness facilities	36	63	1	*
Closure of other businesses	33	65	1	1
Canceled sport events	38	60	-	1
Closure of work	38	60	1	1
Work from home requirements	36	63	-	1
Quarantine requirements or stay-at-home orders	33	66	1	*
International travel restrictions or bans	48	50	1	2
Domestic travel restrictions or bans	67	31	1	1
N = 315				

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	27
Put it on my credit card and pay it off over time	19
Use money currently in my checking or savings account or with cash	49
Use money from a bank loan or line of credit	5
Borrow from a friend or family member	15
Use a payday loan, deposit advance or overdraft	3
Sell something	9
I would not be able to pay for it right now	18
DON'T KNOW	-
SKIPPED ON WEB	1
REFUSED	-
N = 315	

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	38
Yes, I worked as self-employed in my own business, professional practice, or farm	8
No, I did not work for pay last week.	53
DON'T KNOW	-
SKIPPED/REFUSED	1
N = 315	

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	*
1-20 hours	11
21-39 hours	17
40+ hours	72
DON'T KNOW	-
SKIPPED/REFUSED	-
N = 137	

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	9
I am retired	49
I was laid-off temporarily or furloughed	23
I was not at my usual jobs because I was caring for children not in school	4
I was not at my usual jobs because I was caring for an elderly person	2
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	1
I was unemployed and looking for work starting before March 1, 2020 when COVID-19 began spreading in the United States	8
I was unemployed and looking for work starting after March 1, 2020 when COVID-19 began spreading in the United States	2
DON'T KNOW	2
SKIPPED/REFUSED	1
N = 147	

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	29
1-20 hours	7
21-39 hours	12
40+ hours	47
DON'T KNOW	*
SKIPPED/REFUSED	5
N = 315	

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	**45**
Extremely likely	28
Very likely	16
Moderately likely	**13**
Bot NET	**42**
Not too likely	11
Not likely at all	31
DON'T KNOW	*
SKIPPED/REFUSED	*
N = 315	

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	**52**
Extremely likely	35
Very likely	18
Moderately likely	**11**
Bot NET	**35**
Not too likely	7
Not likely at all	28
DON'T KNOW	-
SKIPPED/REFUSED	2
N = 315	

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	**10**	5	5	**90**	4	85	-	1
SNAP (Supplemental Nutrition Assistance Program)	**12**	10	2	**87**	4	83	-	1
TANF (Temporary Assistance for Needy Families)	**1**	-	1	**95**	-	95	-	4
Social Security	**21**	20	*	**79**	*	78	*	*
Supplemental Social Security	**5**	5	*	**94**	*	93	-	1
Any kind of government health insurance or health coverage plan including Medicaid, Medical Assistance or Medicare	**17**	16	1	**82**	*	82	-	1
Other aid from the government	**11**	8	3	**88**	1	87	-	1
Assistance from a union or other association	**3**	2	1	**96**	-	96	-	1
Assistance from a church or religious organization	**4**	3	1	**96**	*	95	-	*
Assistance from another community organization	**1**	1	-	**99**	2	97	-	*
A food pantry	**5**	5	-	**94**	1	93	-	*
Other assistance	**2**	1	*	**98**	*	98	-	*
N = 315								

ECON5A. Please indicate 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	23	68	-	*
The food that we bought just didn't last, and we didn't have money to get more	8	16	75	-	*
N = 315					

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	5
Felt chilly or cold or had chills	8
Been sweating more than usual	2
Have not felt any of these	88
DON'T KNOW	-
SKIPPED ON WEB	2
REFUSED	-
N = 315	

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

	NORC 05/04-10/2020
Yes	55
No	45
DON'T KNOW	-
SKIPPED/REFUSED	-
N = 315	

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

	NORC 05/04-10/2020
<97 degrees	7
97 to <99 degrees	81
99 to <100.3 degrees	7
100.3 degrees or more	*
Out of range	2
DON'T KNOW	-
SKIPPED/REFUSED	2
N = 192	

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	53	47	-	*
Insurance purchased directly through an insurance company by you or another family member	17	80	-	3
TRICARE or another military health care	7	88	-	5
Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability	17	80	*	3
Medicare, for people 65 and older, or people with certain disabilities	23	77	-	*
The Veteran's Administration, meaning you are currently enrolled for VA health care	5	93	-	2
Indian Health Service	-	97	-	3
Other health insurance or health coverage plan	31	66	-	2
N = 315				

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	13	85	1	1
High blood pressure or hypertension	42	54	4	*
Heart disease, heart attack or stroke	7	90	2	1
Asthma	11	86	2	1
Chronic lung disease or COPD	2	95	3	*
Bronchitis or emphysema	10	87	2	*
Allergies	42	55	2	1
A mental health condition	12	84	3	*
Cystic fibrosis	-	99	1	*
Liver disease or end stage liver disease	5	94	*	1
Cancer	6	92	1	1
A compromised immune system	8	89	3	-
Overweight or obesity	29	69	2	*
N = 315				

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

	NORC 05/04-10/2020
Yes	*
No	98
Not sure	2
SKIPPED/REFUSED	-
N = 315	

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	1
No	97
Not sure	-
SKIPPED/REFUSED	2
N = 315	

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	8
No	90
Not sure	1
SKIPPED/REFUSED	1
N = 315	

AGE4. Age: 4 category

	NORC 05/04-10/2020
18-29	22
30-44	26
45-59	21
60+	31
REMOVED FOR DISCLOSURE RISK	-
N = 315	

GENDER. Are you male or female

	NORC 05/04-10/2020
Male	47
Female	53
Not sure	-
SKIPPED/REFUSED	-
N = 315	

RACETH. Race/ethnicity

	NORC 05/04-10/2020
White, non-Hispanic	63
Black, non-Hispanic	31
Hispanic	4
Other, non-Hispanic	3
DON'T KNOW	-
REMOVED FOR DISCLOSURE RISK	-
SKIPPED/REFUSED	*
N = 315	

HHINCOME. Household income

	NORC 05/04-10/2020
Under $10,000	9
$10,000 to under $20,000	12
$20,000 to under $30,000	14
$30,000 to under $40,000	10
$40,000 to under $50,000	6
$50,000 to under $75,000	15
$75,000 to under $100,000	11
$100,000 to under $150,000	11
$150,000 or more	6
DON'T KNOW	1
SKIPPED/REFUSED	6
N = 315	

EDUC4. Education: 4 categories

	NORC 05/04-10/2020
No HS diploma	9
HS graduate or equivalent	29
Some college	32
BA or above	29
Not sure	-
SKIPPED/REFUSED	1
N = 315	

P_DENSE. Population density - Rural, suburban, or urban

	NORC 05/04-10/2020
Rural	3
Suburban	16
Urban	81
N = 315	

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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