# COVID Impact Survey: Week 2, Baltimore-Columbia-Towson, Maryland Findings

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

*Interviews: 05/4-10/2020*
*358 adults residing in Baltimore-Columbia-Towson, Maryland*
*Margin of error: +/- 6.5 percentage points at the 95% confidence level among all adults*

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

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**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** | **54** |
| All | 8 |
| Most | 46 |
| **Bot NET** | **45** |
| Some | 38 |
| None | 8 |
| DON'T KNOW | - |
| SKIPPED/REFUSED | * |
| *N = 358* | |

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

| | NORC 05/04-10/2020 |
|---|---|
| **Top NET** | **41** |
| Basically every day | 9 |
| A few times a week | 32 |
| **A few times a month** | **25** |
| **Bot NET** | **32** |
| Once a month | 17 |
| Not at all | 16 |
| Not sure | 2 |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**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** | **39** |
| Basically every day | 12 |
| A few times a week | 26 |
| **A few times a month** | **29** |
| **Bot NET** | **31** |
| Once a month | 13 |
| Not at all | 18 |
| Not sure | 2 |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**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** | **93** |
| Basically every day | 68 |
| A few times a week | 26 |
| **A few times a month** | **5** |
| **Bot NET** | **1** |
| Once a month | * |
| Not at all | 1 |
| Not sure | - |
| SKIPPED/REFUSED | 1 |
| *N = 358* | |

**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** | **91** |
| Basically every day | 56 |
| A few times a week | 34 |
| **A few times a month** | **8** |
| **Bot NET** | **1** |
| Once a month | 1 |
| Not at all | 1 |
| Not sure | - |
| SKIPPED/REFUSED | * |
| *N = 358* | |

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

| | NORC 05/04-10/2020 |
|---|---|
| Yes | 19 |
| No | 81 |
| Not sure | * |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**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 | 34 |
| No | 64 |
| Not sure | 1 |
| SKIPPED/REFUSED | * |
| *N = 358* | |

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

| | NORC 05/04-10/2020 |
|---|---|
| **Top NET** | **61** |
| Excellent | 21 |
| Very good | 39 |
| **Good** | **26** |
| **Bot NET** | **13** |
| Fair | 11 |
| Poor | 2 |
| DON'T KNOW | - |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**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 | 88 | * | - |
| Chills | 16 | 83 | 1 | * |
| Runny or stuffy nose | 13 | 85 | 2 | * |
| Chest congestion | 16 | 83 | * | * |
| Skin rash | 12 | 87 | 1 | * |
| Cough | 13 | 87 | - | * |
| Sore throat | 12 | 87 | - | * |
| Sneezing | 13 | 87 | * | * |
| Muscle or body aches | 16 | 82 | 1 | * |
| Headaches | 12 | 88 | * | * |
| Fatigue or tiredness | 13 | 86 | * | * |
| Shortness of breath | 17 | 81 | 1 | 1 |
| Abdominal discomfort | 14 | 85 | * | * |
| Nausea or vomiting | 14 | 86 | 1 | - |
| Diarrhea | 11 | 89 | 1 | - |
| Changed or lost sense of taste or smell | 12 | 87 | 1 | - |
| Loss of appetite | 11 | 88 | * | - |
| *N = 358* | | | | |

**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 | **84** | 62 | 22 | **15** | 10 | 5 | - | 1 |
| Felt depressed | **81** | 63 | 18 | **18** | 12 | 7 | - | * |
| Felt lonely | **87** | 61 | 26 | **13** | 6 | 7 | - | * |
| Felt hopeless about the future | **82** | 61 | 21 | **18** | 9 | 8 | * | - |
| Had physical reactions such as sweating, trouble breathing, nausea or a pounding heart when thinking about your experience with the coronavirus pandemic | **96** | 88 | 8 | **4** | 2 | 2 | - | - |
| *N = 358* | | | | | | | | |

**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 | 35 |
| Worn a face mask | 98 |
| Visited a doctor or hospital | 7 |
| Canceled or postponed work activities | 34 |
| Canceled or postponed school activities | 22 |
| Canceled or postponed dentist or other appointment | 41 |
| Canceled outside housekeepers or caregivers | 12 |
| Avoided some or all restaurants | 80 |
| Worked from home | 37 |
| Studied from home | 21 |
| Canceled or postponed pleasure, social, or recreational activites | 75 |
| Stockpiled food or water | 35 |
| Avoided public or crowded places | 83 |
| Prayed | 51 |
| Avoided contact with high-risk people | 69 |
| Washed or sanitized hands | 95 |
| Kept six feet distance from those outside my household | 92 |
| Stayed home because I felt unwell | 14 |
| Wiped packages entering my home | 50 |
| DON'T KNOW | - |
| SKIPPED ON WEB | - |
| REFUSED | - |
| *N = 358* | |

**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 | **42** | 22 | 21 | **26** | **30** | 12 | 17 | 2 | - | * |
| Installing an app on your phone that tracks your location and sends push notifications if you might have been exposed to COVID-19 | **44** | 25 | 18 | **22** | **34** | 12 | 22 | * | - | - |
| Using a website to log your symptoms and location and get recommedations about COVID-19 | **45** | 22 | 23 | **24** | **30** | 16 | 14 | 1 | - | * |
| Testing you for COVID-19 infection using a q-tip to swab your cheek or nose | **67** | 39 | 27 | **19** | **13** | 8 | 6 | 1 | - | * |
| Testing you for immunity or resistance to COVID-19 by drawing a small amount of blood | **67** | 43 | 24 | **17** | **15** | 6 | 8 | * | - | * |
| *N = 358* | | | | | | | | | | |

**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 | 39 | 57 | 3 | 1 |
| Pre-K or child care closure | 40 | 56 | 2 | 2 |
| College or training closure | 45 | 52 | 2 | 1 |
| Ban on gatherings of 250 people or more | 39 | 57 | 3 | 2 |
| Ban on gatherings of 50 people or more | 47 | 49 | 2 | 3 |
| Ban on gatherings of 10 people or more | 41 | 56 | 1 | 2 |
| Closure of place of worship | 38 | 59 | 1 | 2 |
| Reduced public transportation | 44 | 54 | 1 | 1 |
| Other reduced public services | 40 | 56 | 3 | 1 |
| Closure of bars | 39 | 57 | 3 | 2 |
| Closure of restaurants | 42 | 56 | 1 | 1 |
| Closure of gyms or fitness facilities | 43 | 56 | * | 1 |
| Closure of other businesses | 37 | 60 | 1 | 1 |
| Canceled sport events | 43 | 52 | 3 | 2 |
| Closure of work | 39 | 60 | * | 1 |
| Work from home requirements | 37 | 59 | 3 | 1 |
| Quarantine requirements or stay-at-home orders | 37 | 60 | 2 | 1 |
| International travel restrictions or bans | 44 | 52 | 4 | 1 |
| Domestic travel restrictions or bans | 69 | 26 | 4 | 1 |
| *N = 358* | | | | |

**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 | 41 |
| 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 | 46 |
| Use money from a bank loan or line of credit | 2 |
| Borrow from a friend or family member | 6 |
| Use a payday loan, deposit advance or overdraft | 1 |
| Sell something | 6 |
| I would not be able to pay for it right now | 19 |
| DON'T KNOW | * |
| SKIPPED ON WEB | * |
| REFUSED | - |
| *N = 358* | |

**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 | 46 |
| Yes, I worked as self-employed in my own business, professional practice, or farm | 5 |
| No, I did not work for pay last week. | 47 |
| DON'T KNOW | - |
| SKIPPED/REFUSED | 2 |
| *N = 358* | |

*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 | 4 |
| 1-20 hours | 13 |
| 21-39 hours | 14 |
| 40+ hours | 68 |
| DON'T KNOW | - |
| SKIPPED/REFUSED | 1 |
| *N = 176* | |

*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 | 11 |
| I am retired | 41 |
| I was laid-off temporarily or furloughed | 25 |
| I was not at my usual jobs because I was caring for children not in school | 2 |
| 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 | 2 |
| I was unemployed and looking for work starting before March 1, 2020 when COVID-19 began spreading in the United States | 7 |
| I was unemployed and looking for work starting after March 1, 2020 when COVID-19 began spreading in the United States | 6 |
| DON'T KNOW | 2 |
| SKIPPED/REFUSED | 2 |
| *N = 157* | |

**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 | 24 |
| 1-20 hours | 8 |
| 21-39 hours | 14 |
| 40+ hours | 50 |
| DON'T KNOW | * |
| SKIPPED/REFUSED | 4 |
| *N = 358* | |

**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** | **51** |
| Extremely likely | 39 |
| Very likely | 12 |
| **Moderately likely** | **11** |
| **Bot NET** | **37** |
| Not too likely | 12 |
| Not likely at all | 25 |
| DON'T KNOW | * |
| SKIPPED/REFUSED | * |
| *N = 358* | |

**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** | **53** |
| Extremely likely | 37 |
| Very likely | 15 |
| **Moderately likely** | **12** |
| **Bot NET** | **31** |
| Not too likely | 10 |
| Not likely at all | 21 |
| DON'T KNOW | * |
| SKIPPED/REFUSED | 4 |
| *N = 358* | |

**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 | **11** | 3 | 8 | **87** | 2 | 85 | - | 2 |
| SNAP (Supplemental Nutrition Assistance Program) | **12** | 9 | 3 | **85** | 3 | 83 | - | 2 |
| TANF (Temporary Assistance for Needy Families) | **5** | 1 | 4 | **92** | 1 | 91 | - | 3 |
| Social Security | **21** | 19 | 1 | **77** | 2 | 76 | - | 2 |
| Supplemental Social Security | **4** | 2 | 2 | **94** | 1 | 93 | - | 2 |
| Any kind of government health insurance or health coverage plan including Medicaid, Medical Assistance or Medicare | **18** | 15 | 3 | **80** | * | 79 | * | 2 |
| Other aid from the government | **8** | 6 | 3 | **89** | 2 | 87 | - | 2 |
| Assistance from a union or other association | **1** | * | 1 | **96** | - | 96 | - | 2 |
| Assistance from a church or religious organization | **5** | 4 | * | **94** | - | 94 | - | 1 |
| Assistance from another community organization | **2** | 2 | * | **95** | * | 95 | - | 3 |
| A food pantry | **6** | 5 | 1 | **91** | * | 90 | - | 3 |
| Other assistance | **2** | 1 | * | **97** | 1 | 96 | - | 1 |
| *N = 358* | | | | | | | | |

**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 | 7 | 19 | 73 | - | 1 |
| The food that we bought just didn't last, and we didn't have money to get more | 5 | 13 | 79 | - | 3 |
| *N = 358* | | | | | |

**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 | 4 |
| Felt chilly or cold or had chills | 5 |
| Been sweating more than usual | 3 |
| Have not felt any of these | 90 |
| DON'T KNOW | * |
| SKIPPED ON WEB | 2 |
| REFUSED | - |
| *N = 358* | |

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

| | NORC 05/04-10/2020 |
|---|---|
| Yes | 61 |
| No | 38 |
| DON'T KNOW | * |
| SKIPPED/REFUSED | * |
| *N = 358* | |

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

| | NORC 05/04-10/2020 |
|---|---|
| <97 degrees | 5 |
| 97 to <99 degrees | 89 |
| 99 to <100.3 degrees | 5 |
| 100.3 degrees or more | - |
| Out of range | * |
| DON'T KNOW | - |
| SKIPPED/REFUSED | - |
| *N = 222* | |

**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 | 60 | 38 | - | 2 |
| Insurance purchased directly through an insurance company by you or another family member | 9 | 87 | * | 4 |
| TRICARE or another military health care | 4 | 90 | - | 6 |
| Medicaid, Medical Assistance, or any kind of government-assistance plan for those with low incomes or a disability | 21 | 74 | * | 5 |
| Medicare, for people 65 and older, or people with certain disabilities | 22 | 76 | - | 1 |
| The Veteran's Administration, meaning you are currently enrolled for VA health care | 3 | 94 | - | 3 |
| Indian Health Service | * | 97 | - | 3 |
| Other health insurance or health coverage plan | 21 | 77 | - | 2 |
| *N = 358* | | | | |

**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 | 12 | 86 | 2 | * |
| High blood pressure or hypertension | 36 | 59 | 4 | * |
| Heart disease, heart attack or stroke | 7 | 89 | 4 | * |
| Asthma | 17 | 80 | 3 | * |
| Chronic lung disease or COPD | 2 | 95 | 3 | 1 |
| Bronchitis or emphysema | 10 | 87 | 2 | 1 |
| Allergies | 49 | 47 | 4 | 1 |
| A mental health condition | 19 | 79 | 2 | 1 |
| Cystic fibrosis | 1 | 99 | 1 | * |
| Liver disease or end stage liver disease | * | 99 | 1 | * |
| Cancer | 7 | 92 | 1 | * |
| A compromised immune system | 5 | 91 | 3 | * |
| Overweight or obesity | 30 | 68 | 2 | - |
| *N = 358* | | | | |

**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 = 358* | |

**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 = 358* | |

**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 | 4 |
| No | 92 |
| Not sure | 3 |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**AGE4. Age: 4 category**

| | NORC 05/04-10/2020 |
|---|---|
| 18-29 | 21 |
| 30-44 | 23 |
| 45-59 | 26 |
| 60+ | 31 |
| REMOVED FOR DISCLOSURE RISK | - |
| *N = 358* | |

**GENDER. Are you male or female**

| | NORC 05/04-10/2020 |
|---|---|
| Male | 47 |
| Female | 53 |
| Not sure | - |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**RACETH. Race/ethnicity**

| | NORC 05/04-10/2020 |
|---|---|
| White, non-Hispanic | 57 |
| Black, non-Hispanic | 29 |
| Hispanic | 5 |
| Other, non-Hispanic | 8 |
| DON'T KNOW | * |
| REMOVED FOR DISCLOSURE RISK | - |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**HHINCOME. Household income**

| | NORC 05/04-10/2020 |
|---|---|
| Under $10,000 | 10 |
| $10,000 to under $20,000 | 8 |
| $20,000 to under $30,000 | 9 |
| $30,000 to under $40,000 | 5 |
| $40,000 to under $50,000 | 7 |
| $50,000 to under $75,000 | 14 |
| $75,000 to under $100,000 | 11 |
| $100,000 to under $150,000 | 16 |
| $150,000 or more | 15 |
| DON'T KNOW | - |
| SKIPPED/REFUSED | 4 |
| *N = 358* | |

**EDUC4. Education: 4 categories**

| | NORC 05/04-10/2020 |
|---|---|
| No HS diploma | 6 |
| HS graduate or equivalent | 28 |
| Some college | 27 |
| BA or above | 39 |
| Not sure | 1 |
| SKIPPED/REFUSED | - |
| *N = 358* | |

**P_DENSE. Population density - Rural, suburban, or urban**

| | NORC 05/04-10/2020 |
|---|---|
| Rural | * |
| Suburban | 6 |
| Urban | 94 |
| *N = 358* | |

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## 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.

Please visit www.norc.org (https://www.norc.org) for more information.