

Massive COVID-19 survey: Empowering a national response

WAVE 20

Contents

Contents

Household Block

COVID Block

Building Block

Information Block

Social Block

Misinfo Block

Prevention Block

Demographics Block

Politics Block

Guns Block

Trust Block

Mood Block

Technology Block

Protest Block

FINAL BLOCK

[NR] = Ask new respondents only; skip for returning respondents

[RR] = Ask returning respondents only; skip for new respondents

Consent Block

Your consent is being sought for participation in a research project, and your participation is voluntary. You must be at least 18 years old to take this survey. The purpose of the research is to understand opinions regarding the coronavirus (COVID-19) outbreak. This survey should take 15-25 minutes. You do not have to participate and you can refuse to answer any question. You can stop at any time. There are no foreseeable risks or discomforts to you for taking part in this study. Your part in this study will be handled in a confidential manner, and if you choose to contribute social media information, those data will be stored separately from your survey response. Any reports or publications based on this research will use only group data and will not identify you or any individual as being affiliated with this project.

If you have any questions regarding electronic privacy, please feel free to contact Mark Nardone, NU's Director of Information Security via phone at 617-373-7901, or via email at privacy@neu.edu. If you have any questions about this study, please feel free to contact David Lazer at d.lazer@northeastern.edu, the person mainly responsible for the research. If you have any questions regarding your rights as a research participant, please contact Nan C. Regina, Director, Human Subject Research Protection, Mail Stop: 560-177, 360 Huntington Avenue, Northeastern University, Boston, MA 02115. Tel: 617-373-4588, Email: n.regina@northeastern.edu. You may call anonymously if you wish. This study has been reviewed and approved by the Northeastern University Institutional Review Board (#20-04-12). By continuing with this survey, you are indicating that you are at least 18 years old and that you consent to participate in the study. Please print this page for your personal record.

We conduct this survey several times a month and provide results from it to scientists in public health and epidemiology working to curb the spread of COVID-19.

We care very much about the quality of our data. In order for us to get accurate measures of your experience, opinions, and knowledge, it is important that you think carefully about each question in the survey. We ask you to respond truthfully and thoughtfully.

[pledge] Do you commit to provide the best answer you can to each question in this survey?

- I will provide the best answers I can
- I will not provide the best answers I can
- I cannot promise either way

[mturk] In order to make sure survey-takers like you are being treated fairly, we would like to know a bit about the company which recruited you to take this survey. Did you find this **particular** survey through Amazon Mechanical Turk (mturk.com)?

- Yes
- No
- Not sure

[hit] [if Mturk=Yes] What is the name of the requester whose hit you responded to? ____

[hit_comp] [if Mturk=Yes] How much money did this requester offer for this HIT? ____

[debrief] *[if not coming from VS] [prevent back clicks]* This version of our survey is not meant for respondents recruited through Amazon Mechanical Turk. Your recruiter has posted this HIT without the knowledge of the researchers conducting the survey. To prevent that from happening, we are forced to terminate such surveys. We do that to discourage unauthorized requesters who underpay our respondents.

We sincerely apologize for the inconvenience!

Clicking the “Next” button will terminate this survey.

Household Block

[state_s] [*respondents without PSID*] Which state do you currently live in? [dropdown menu]

[child_s] [*respondents without PSID*] Do you have one or more children under the age of 18?

- Yes
- No

[house] [NR] Apart from you, how many other people currently live in your household?

[kids] Children under the age of 6: _____

[kids2] Children age 6 to 12: _____

[teens] Children age 13 to 17: _____

[adults] Adults age 18 to 59: _____

[elder] Adults over the age of 60: _____

[bedrooms] [*if home is house or apartment*] How many bedrooms does your home have?

1 2 3 4 5 6 7 8 9 10+

[hc_work] Do you work in one of the following areas?

- Health or medical professional (e.g. nurse, medical doctor, dentist, paramedic)
- Staff member in a hospital or a doctor's office (administrative, custodial, etc.)
- Working at a grocery store or a pharmacy
- Member of the U.S. armed forces
- None of the above

[hc_type] [if a healthcare professional] What type of facility do you work in? (Please select all that apply)

- Inpatient (e.g. a hospital)
- Outpatient (e.g. a clinic)
- Long-term care (e.g. a nursing home)
- Rehabilitation facility
- Other

COVID Block

[covid] Have you been diagnosed with coronavirus (COVID-19)?

- Yes, I was diagnosed by a medical professional
- No, I was not diagnosed but I think I may have it now
- No, I was not diagnosed but I think I had it previously and recovered
- No, I was not diagnosed and I do not think I ever had it
- I am not sure

[cov_sev] *[if yes/maybe on covid]* How severe is/was the illness?

- Very severe
- Somewhat severe
- Not too severe
- Not at all severe

[cov_rec_time] *[if yes/maybe on covid]* About how many days were you sick? (if you had symptoms, count from the time they appeared; if not, count from the time you tested positive)

1 2 3 5 6 7 8 9 10 60+

[cov_month] *[if yes/maybe on covid]* In which months of 2020 were you sick? (Please select all that apply)

- January 2020
- February 2020
- March 2020
- April 2020
- May 2020
- June 2020
- July 2020
- August 2020
- September 2020

- October 2020
- November 2020
- December 2020
- January 2021
- February 2021
- March 2021
- April 2021
- May 2021
- June 2021
- July 2021
- August 2021
- September 2021
- October 2021
- November 2021

[cov_test] Have you ever been tested for coronavirus (COVID-19)?

- Yes, and I tested positive for COVID-19 at least once
- Yes, and I tested negative for COVID-19 every time
- No, I wanted to but was not able to get a test
- No, I never tried to get tested

[cov_fam] How many members of your household (other than yourself) have been diagnosed by a medical professional with coronavirus (COVID-19)?

- None
- One
- Two
- Three
- Four
- Five or more

[cov_rec] *[if yes/positive on cov_test OR diagnosed covid OR think may have it]*
Have you fully recovered from COVID-19?

- Yes, I have fully recovered

- No, I still have some symptoms
- No, I do not have any symptoms but my test is still positive

[cov_cur_sym] *[if not fully recovered with symptoms]* Which of the following symptoms do you still have? (Please select all that apply)

- Fever
- Chills
- Repeated shaking with chills
- Chest congestion
- Muscle pain
- Cough
- Sore throat
- Headaches
- Shortness of breath
- Changed or lost sense of taste or smell
- Fatigue
- Difficulty concentrating or focusing ('brain fog')
- Decreased ability to exercise or be active
- Difficulty sleeping
- Anxiety
- Depressed mood
- Memory Problems
- Dizziness/dizzy spells
- Hair loss
- Racing heart/heart palpitations
- Nausea or vomiting
- Diarrhea or stomach pain
- Red or itchy eyes
- Red or blistered toes or fingers
- Joint pain
- Other: _____

[cov_imp] *[if not fully recovered with symptoms]* In the **past two weeks**, how much did these symptoms interfere with your normal day?

- Not at all

- A little bit
- Moderately
- Quite a bit
- Extremely

[vaccine_get] Have you received a COVID-19 vaccine?

- Yes, one dose
- Yes, two doses
- No

[cov_vac] [if not vaccinated] If a vaccine against COVID-19 was available to you, how likely would you be to get vaccinated?

- Extremely likely
- Somewhat likely
- Neither likely nor unlikely
- Somewhat unlikely
- Extremely unlikely

[vac_get_kids] [*show to people with children under 18 in the household*] Have any of your children received a COVID-19 vaccine?

- Yes
- No

[cov_vac_kids] [if kids not vaccinated] [*show to people with children under 18 in the household*] If a vaccine against COVID-19 was available to them, how likely would you be to get **your children** vaccinated?

- Extremely likely
- Somewhat likely
- Neither likely nor unlikely
- Somewhat unlikely

- Extremely unlikely

[cov_react] Thinking about how different people and groups are reacting to the coronavirus (COVID-19) outbreak, how would you say each of the following is reacting?

	Not taking the outbreak seriously enough	Reacting about right	Overreacting to the outbreak
The federal government	●	●	●
Your state government	●	●	●
[if employed] Your place of employment	●	●	●

(PEW: COVID_STEPS)

[cov_res2] Are you or someone in your household **currently experiencing** any of the following as a result of the coronavirus (COVID-19) outbreak? (Please select all that apply)

- Had to start working from home
- Had their school or university closed
- Had to stop or scale back work to take care of their children
- Had to stop or scale back work to take care of someone who had COVID-19
- Had to take a cut in pay due to reduced hours or demand for their work
- Was laid off or lost a job
- Was unable to make rent or mortgage payments
- Was evicted from their home
- None of the above

[cov_conc] How concerned, if at all, do you currently feel about the following:

	Very concerned	Somewhat concerned	Not very concerned	Not at all concerned	Not Applicable
Getting coronavirus yourself	●	●	●	●	●
Family members getting coronavirus	●	●	●	●	●

Being able to receive health care	•	•	•	•	•
Losing your job due to the virus outbreak or the measures against it	•	•	•	•	•
Financial hardships due to the virus outbreak or the measures against it	•	•	•	•	•
Problems with your education or the education of your children	•	•	•	•	•
Problems with working from home during the virus outbreak	•	•	•	•	•
Problems with childcare during the virus outbreak	•	•	•	•	•
Problems staying connected with friends and family	•	•	•	•	•

[cov_know] How many people do you personally know who were ever diagnosed with coronavirus (COVID-19)?

0 1 2 3 4 5 6 7 8 9 10+

[vac_perc_kn] Overall, what percent of the **people you know** do you think have received a COVID-19 vaccine?

0%-----25%-----50%-----75%-----100%

[cov_prob] [show if 'covid' is no] How likely do you think you are to get infected with coronavirus (COVID-19)?

- Extremely likely
- Somewhat likely
- Neither likely nor unlikely
- Somewhat unlikely
- Extremely unlikely

[cov_psev] *[show if 'covid' is no]* If you were infected with coronavirus (COVID-19), how severe do you think the illness might be?

- Very severe
- Somewhat severe
- Not too severe
- Not at all severe

[flu_shot3] Have you or will you get a flu shot this season?

- Yes, I already got it
- Yes, I plan to get it
- Maybe, if I get around to it
- Not sure, thinking about it
- No, it is too difficult/expensive to get
- No, I worry it is bad for my health
- No, I don't think it is effective
- No, for other reasons

[cov_disr] How much, if at all, has your life been disrupted by the coronavirus (COVID-19) outbreak?

- A great deal
- A lot
- A moderate amount
- A little
- Not at all

[check1] Sometimes, people can get distracted during a survey. Just so we know you are still with us and paying attention, please select "never" below.

- Always
- Very often
- Sometimes
- Rarely
- Never

Information Block

[cov_info] How closely do you follow news and information about COVID-19?

- Very closely
- Somewhat closely
- Not very closely
- Not closely at all

[cov_news1] In the last 24 hours, did you get any news or information about COVID-19 from the following sources?

(Please select all applicable answers. For example, if you read a New York Times article shared on Facebook, select “A news website or app” and “A social media website or app”)

- Friends and family
- Radio news
- Podcasts
- Local television
- Network television (e.g. ABC, CBS, or NBC)
- Cable television (e.g. CNN, Fox News, or MSNBC)
- Late-night comedy shows (e.g. The Late Show with Stephen Colbert or The Daily Show)
- Print newspapers (e.g. the New York Times or the Wall Street Journal print edition)
- A news website or app (e.g. the New York Times or Fox News websites or apps)
- A health website or app (e.g. WebMD)
- A government website or app (e.g. CDC.gov)
- An organization website or app (e.g. WHO.int)
- A search engine website or app (e.g. Google, Bing)
- A social media website or app (e.g. Facebook, Twitter, Snapchat)
- A mobile instant message app (e.g. Facebook Messenger or WhatsApp)
- A community newspaper or website

[cov_news_com] *[ask if uses community newspaper or website]* Which community newspaper or website do you use for COVID-19 information? _____

[cov_news2] In the last 24 hours, did you get any news or information about COVID-19 from the following sources? (Please select all that apply)

- Facebook (website or app)
- Twitter (website or app)
- Youtube(website or app)
- Reddit (website or app)
- Instagram (website or app)
- Snapchat (website or app)
- Wikipedia (website or app)
- Facebook Messenger app
- WhatsApp app
- TikTok app
- **[50%] None of the above**

[fb_news_how] [if cov_news2 Facebook OR Facebook Messenger is selected] How did you receive news or information about COVID-19 **on Facebook?** (Please select all that apply)

- Posts from friends or family
- Posts from acquaintances
- Posts from pages I follow
- Posts from groups I am in
- Private messages from friends or family
- Private messages from acquaintances
- Advertisements

[fb_news_dir] [if cov_news2 Facebook OR Facebook Messenger is selected] Would you say the COVID-19 information you got **on Facebook** would encourage or discourage people from getting vaccinated?

- All of it encouraged vaccination
- Most of it encouraged vaccination
- It was about evenly split
- Most of it discouraged vaccination
- All of it discouraged vaccination

- Not sure

[med_imp2] How important is each of the following to you as a source of COVID-19 news and information?

- Facebook (website or app)
- Twitter (website or app)
- Youtube(website or app)
- Reddit (website or app)
- Instagram (website or app)
- Snapchat (website or app)
- Wikipedia (website or app)
- Facebook Messenger app
- WhatsApp app
- TikTok app

[Very important -- Somewhat important -- Not very important -- Not important at all]

[cov_news4] In the last 24 hours, did you get any news or information about COVID-19 from the following sources, either online or offline? (Please select all that apply)

- ABC News
- BBC
- CNN
- CBS News
- Daily Wire
- Fox News
- Joe Rogan Experience
- Huffington Post
- MSNBC
- NBC News
- New York Times
- NPR
- Newsmax
- USA Today
- Washington Post
- Wall Street Journal
- The Biden administration
- **[50%] None of the above**

[med_imp4] How important is each of the following to you as a source of COVID-19 news and information?

- ABC News
- BBC
- CNN
- CBS News
- Daily Wire
- Fox News
- Joe Rogan Experience
- Huffington Post
- MSNBC
- NBC News
- New York Times
- NPR
- Newsmax
- USA Today
- Washington Post
- Wall Street Journal
- The Biden administration

[Very important -- Somewhat important -- Not very important -- Not important at all]

[fox_news] [if Fox News was selected in cov_news4] Did you get news about COVID-19 from one of the following programs on Fox News? (Please select all that apply)

- Fox News Primetime
- Fox & Friends
- Hannity
- Special Report with Bret Baier
- The Faulkner Focus
- The Five
- The Ingraham Angle
- Tucker Carlson Tonight
- None of those programs

Social Block

[meet] In the last 24 hours, how many people who are not part of your household did you meet face-to-face? (Those may be friends, neighbors or colleagues that you talked to in person, or other people you encountered, such as a delivery driver or a grocery store clerk).

[st_check] Other than the state you live in, in what **other U.S. state** do you have the most friends and family members?

[talk] **[RR]** In the last 24 hours, how many people did you talk to over a phone call or a video/audio service such as Facetime, Skype, or Zoom?

0 - 100+

[chat] **[RR]** In the last 24 hours, how many people did you talk to over text messages, online chat, or social media such as Facebook, Snapchat, or Instagram?

0 - 100+

[visit] In the last 24 hours, did you or any members of your household do any of the following activities outside of your home? (Please select all that apply)

- Go to work
- Go to the gym
- Go to the store
- Go to church
- Go to a park
- Go out for a walk
- Go out to walk a dog
- Go visit a friend
- Go to a cafe, bar, or restaurant
- Go to a doctor or visit a hospital
- Go somewhere else outside of your home

- Take mass transit (e.g. subway, bus, or train)
- Use a ride sharing service (e.g. Uber or Lyft)

[soc_sup] **[ALL]** Now please think of your complete social circle of family, friends, neighbors, and other acquaintances. Approximately how many of them could you count on for the following things?

[soc_sup1] To care for you if you fell ill and needed it

[soc_sup2] To lend you money if you needed to borrow it

[soc_sup3] To talk to if you had a problem, felt sad or depressed

[soc_sup4] To help you if you needed to find a job

None --- 1 --- 2 --- 3 --- 4 --- 5 --- 6 --- 7 --- 8 --- 9 --- 10 --- 11 or more

Misinfo Block

[fn] Below are some statements about current affairs. To the best of your knowledge, how accurate is each of those statements?

[Randomize statement order]

	Accurate	Inaccurate	Not sure
Coronavirus was created as a weapon in a Chinese lab	●	●	●
Humans originally got coronavirus by eating bats	●	●	●
Migrants coming through the U.S. border with Mexico are primarily responsible for the surge in COVID-19 cases	●	●	●
FDA has given full approval to the Pfizer COVID-19 vaccine	●	●	●
The people who stormed the Capitol building on January 6 were undercover Antifa members	●	●	●

Prevention Block

[cov_stop] Do you approve or disapprove of the following measures which federal, state, and local governments could take to prevent the spread of coronavirus (COVID-19) in the next 30 days?

[Randomize statement order]

	Strongly approve	Somewhat approve	Somewhat disapprove	Strongly disapprove
Requiring everyone to get a COVID-19 vaccine	●	●	●	●
Requiring people to wear face masks indoors	●	●	●	●
Requiring a COVID-19 vaccine to get on an airplane	●	●	●	●
Requiring medical professionals (e.g. doctors	●	●	●	●

and nurses) to get a COVID-19 vaccine				
Requiring children to get a COVID-19 vaccine in order to be allowed in school	•	•	•	•
Requiring college students to get a COVID-19 vaccine in order to go back to university	•	•	•	•
Restricting international travel to the U.S.	•	•	•	•
Restricting travel within the U.S.	•	•	•	•

[PEW: COVID_RESTRICTION, binary answer scale + added options]

[cov_beh] In the last week, how closely did you personally follow the health recommendations listed below?

	Very closely	Somewhat closely	Not very closely	Not at all closely
Avoiding contact with other people	•	•	•	•
Avoiding public or crowded places	•	•	•	•
Frequently washing hands	•	•	•	•
Wearing a face mask when out of home	•	•	•	•
Wearing a face mask indoors when around other people	•	•	•	•

Vaccine Block

[vaccine] Have you or anyone you know received a COVID-19 vaccine? (Please select all that apply)

- I was vaccinated for COVID-19
- Someone in my family was vaccinated
- A friend of mine was vaccinated
- An acquaintance of mine was vaccinated
- People in my community were vaccinated

[vac_prov] [if vaccinated] Which COVID-19 vaccine did you receive?

- Pfizer
- Moderna
- Johnson & Johnson (J&J)
- AstraZeneca
- Other
- Not sure

[vac_time] [if vaccinated] When did you receive your **first** COVID-19 vaccine shot?

- December 2020
- January 2021
- February 2021
- March 2021
- April 2021
- May 2021
- June 2021
- July 2021
- August 2021
- September 2021
- October 2021

- November 2021

[vac_2nd] [if vaccinated] Have you received a **second** COVID-19 vaccine shot?

- No, I have not
- Yes, in January 2021
- Yes, in February 2021
- Yes, in March 2021
- Yes, in April 2021
- Yes, in May 2021
- Yes, in June 2021
- Yes, in July 2021
- Yes, in August 2021
- Yes, in September 2021
- Yes, in October 2021
- Yes, in November 2021

[vac_2nd_app] [if vaccinated & not J&J & no second shot] Do you have a second COVID-19 vaccine shot scheduled?

- Yes, already scheduled
- No, but I plan to get it
- No, and I do not plan to get it

[cov_when][if not vaccinated] If you were able to choose when to get a COVID-19 vaccine, would you get it...

- As soon as possible
- After at least some people I know have already received it
- After most people I know have already received it
- I would not get the COVID-19 vaccine

[vac_boost] [if vaccinated] Have you received a COVID-19 booster shot (that is, an additional vaccine dose to increase immunity that may have waned over time)?

- Yes
- No

[boost_why] [if got booster] Why did you decide to get a COVID-19 booster shot? (Please select all that apply)

- It was recommended by my doctor
- I am immunocompromised (have a weakened immune system)
- I work or live in a high-risk setting where I may be exposed to COVID-19
- I was concerned about immunity from initial shots wearing off
- I wanted additional protection from COVID-19
- It was suggested by someone I know
- It was suggested on the news

[boost_like] [if “no” on booster shot] If a COVID-19 vaccine booster shot was available to you, how likely would you be to get it?

- Extremely likely
- Somewhat likely
- Neither likely nor unlikely
- Somewhat unlikely
- Extremely unlikely

[cov_vac_conc] [45%] [if not vaccinated] Which, if any, of the following concerns do you have regarding the COVID-19 vaccine? (Please select all that apply)

- Side effects / safety of the vaccine
- Out-of-pocket costs to get the vaccine
- Unable to take time off work to get vaccinated
- Unable to take time off work if I experience side effects
- Difficulty in traveling to a vaccination site
- Catching COVID-19 from taking the vaccine
- Getting a shot with a needle
- It is inconvenient for me to get the vaccine
- It is not necessary for me to get the vaccine

[vac_appr_boost] Do you approve or disapprove of the way the rollout of **COVID-19 booster vaccines** was handled by the federal government?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[vac_appr_child] Do you approve or disapprove of the way the rollout of **COVID-19 vaccines for children** was handled by the federal government?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[vac_know] How much do you know about the COVID-19 vaccines?

- I know almost nothing about them
- I know a little about them
- I know a fair amount about them
- I know a lot about them
- I have expert knowledge about them

[vac_fn] Below are some statements about the COVID-19 vaccines that are currently being distributed. To the best of your knowledge, are those statements accurate or inaccurate?

[Randomize statement order]

	Accurate	Inaccurate	Not sure
The COVID-19 vaccines will alter people's DNA.	•	•	•
The COVID-19 vaccines contain microchips that could track people.	•	•	•
The COVID-19 vaccines contain the lung tissue of aborted fetuses.	•	•	•
The COVID-19 vaccines can cause infertility, making it more difficult to get pregnant.	•	•	•

The COVID-19 vaccines were tested on thousands of people in clinical trials.	•	•	•
--	---	---	---

[vac_sci] We asked you to tell us whether some statements about COVID-19 vaccines were accurate. Now, **regardless of your own opinion** about their accuracy, do you think **most scientists and health experts** would consider those statements accurate or inaccurate?

[Statement order randomized same as vac_fn]

	Accurate	Inaccurate	Not sure
The COVID-19 vaccines will alter people's DNA.	•	•	•
The COVID-19 vaccines contain microchips that could track people.	•	•	•
The COVID-19 vaccines contain the lung tissue of aborted fetuses.	•	•	•
The COVID-19 vaccines can cause infertility, making it more difficult to get pregnant.	•	•	•
The COVID-19 vaccines were tested on thousands of people in clinical trials.	•	•	•

A previous question in this survey asked about the accuracy of statements concerning COVID-19 vaccines. Some of these statements were not accurate.

The COVID-19 vaccines being distributed will alter people's DNA.

THIS STATEMENT IS NOT ACCURATE. THE VACCINES DO NOT ALTER PEOPLE'S DNA.

The COVID-19 vaccines being distributed contain microchips that could track people.

THIS STATEMENT IS NOT ACCURATE. THE VACCINES DO NOT IMPLANT MICROCHIPS.

The COVID-19 vaccines can cause infertility, making it more difficult to get pregnant

THIS STATEMENT IS NOT ACCURATE. THE VACCINES DO NOT CAUSE INFERTILITY.

The COVID-19 vaccines being distributed contain the lung tissue of aborted fetuses.

THIS STATEMENT IS NOT ACCURATE. THE VACCINES DO NOT CONTAIN THE LUNG TISSUE OF ABORTED FETUSES.

[vac_gen][45%] How much do you agree or disagree with the following statements about **vaccines in general?**

Statement	Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
Vaccines are a safe and reliable way to help prevent the spread of preventable diseases	•	•	•	•	•
Vaccines have negative side effects that outweigh the benefits of vaccination	•	•	•	•	•
Vaccines are thoroughly tested in the laboratory and wouldn't be made available to the public unless it was known that they are safe and effective	•	•	•	•	•

[vac_gen_child] [45%] How much do you support or oppose requiring childhood vaccinations (against measles, rubella, etc.) in order to attend public schools?

- Strongly support
- Somewhat support
- Neither support nor oppose
- Somewhat oppose
- Strongly oppose

[pcp] How often do you see your main doctor (primary care physician)?

- I do not have a primary care physician
- Multiple times a year
- At least once a year
- At least once in a two year period
- Less than once in a two year period

[doc_vac] Have you personally communicated with a doctor about getting a COVID-19 vaccine?

- Yes, I spoke with a doctor on the phone or in person
- Yes, I communicated electronically with a doctor
- No, I have not

[doc_vac2] Did the doctor you communicated with recommend that you get the COVID-19 vaccine?

- Yes
- No
- Not sure

[kff_q4] Which of the following do you think would be a bigger risk to your health?

[rotate option 1 and 2]

- Becoming infected with coronavirus
- Getting the COVID-19 vaccine

[kff_q8] Which comes closer to your view: getting vaccinated against COVID-19 is [a personal choice] OR getting vaccinated is [part of everyone's responsibility to protect the health of others]?

[Rotate statements in brackets; rotate answer options]

- It is a personal choice
- It is part of everyone's responsibility to protect the health of others

Kids Vaccine Block

DISPLAY Block if Children = 112

[kid_age_5_12] Which of the following statements are true of your children? (Please select all that apply)

- At least one of my children is under the age of 5
- At least one of my children is between the ages of 5 and 11
- At least one of my children is between the ages of 12 and 18
- I do not have any children age 18 and younger

[If no kids under 18, skip to the end of the block]

[kid_school] Which of the following statements are true of your children? (Please select all that apply)

- At least one of my children goes to daycare or preschool
- At least one of my children goes to school (K-12)
- None of my children go to daycare, preschool, or school

[sch_mod] [if children go to school] Which of the following, if any, is true about the school(s) that your kid(s) go to? (Please select all that apply)

Do any of the schools that your kid(s) go to...

- Conduct classes mostly in person in Fall 2021
- Conduct classes mostly remotely (online) in Fall 2021
- Conduct classes both in person and remotely (online) in Fall 2021

[kid_vac] [if at least one kid age 12 to 18] Have any of your children ages 12 to 18 received at least one dose of a COVID-19 vaccine?

- All of my children age 12 to 18 have received a COVID-19 vaccine
- Some of my children age 12 to 18 have received a COVID-19 vaccine, others have not
- None of my children age 12 to 18 have received a COVID-19 vaccine

[kid_plan_11] [if at least one kid age 5 to 11] When the COVID-19 vaccine becomes available for children ages 5 to 11, what would you do?

- I will vaccinate my 5 to 11 year old child (or children) right away
- I will wait before I vaccinate my 5 to 11 year old child (or children)
- I will **not** vaccinate my 5 to 11 year old child (or children)

[kid_vac_11] [if at least one kid age 5 to 11] Have any of your children ages 5 to 11 received at least one dose of a COVID-19 vaccine?

- All of my children age 5 to 11 have received a COVID-19 vaccine
- Some of my children age 5 to 11 have received a COVID-19 vaccine, others have not
- None of my children age 5 to 11 have received a COVID-19 vaccine

[sch_req] [if children go to school] Which of the following, if any, is true about the school(s) that your kid(s) go to? Do any of the schools that your kid(s) go to...

- Require that all children age 5 to 11 be vaccinated against COVID-19
 - Require that all children over 12 be vaccinated against COVID-19
 - Recommend but do not require that children over 12 be vaccinated against COVID-19
 - Require all teachers to be vaccinated against COVID-19
 - Recommend but do not require that teachers be vaccinated against COVID-19
-
- Yes
 - No
 - Not sure

[kid_conc] When thinking about your children receiving a COVID-19 vaccine, is each of the following a major concern, minor concern, or not a concern?

[RANDOMIZE ROW ORDER]

	Major concern	Minor Concern	Not a concern
How new the vaccine is	●	●	●
Whether the vaccine has been tested enough	●	●	●
Whether the vaccine actually works	●	●	●
Immediate side effects (e.g., fever, nausea)	●	●	●
Long-term health effects	●	●	●

Demographics Block

[demographics questions only asked if we do not receive those variables from Spectrum]

[religion] [**NR**] What is your religion or faith-based practice? (Please select all that apply)

- Agnostic
- Atheist
- Baptist
- Buddhist
- Church of Christ
- Catholic
- Eastern Orthodox
- Episcopalian
- Evangelical
- Hindu
- Jewish
- Lutheran
- Methodist
- Mormon
- Muslim
- Pentecostal
- Presbyterian
- Protestant
- Quaker
- Roman Catholic
- Seventh-day Adventist
- United Church of Christ/Congregational
- Other Christian: _____
- Other Religion or Faith-Based Practice: _____
- None

[evang] Would you describe yourself as a born-again or evangelical Christian, or not?

- Yes
- No

[service] [NR] How often do you attend religious services?

- More than once a week
- Once a week
- Once or twice a month
- A few times a year
- Once a year or less
- Never

[edu] [NR] What is the highest level of education you have completed?

- Grade 9 or less
- Some high school, did not graduate
- High school graduate (diploma, GED, or equivalent)
- Some college, no degree
- Associate degree (AA, AS)
- Bachelor's degree (BA, BS)
- Graduate degree (master's, PhD, or professional degree beyond bachelor's)

[student] [NR] [if age 18-29] Do you currently attend...

- High school
- Community college
- Four-year college
- Graduate school
- None of the above

[employ] Which of the following best describes your current employment status?

- Employed, full-time
- Employed, part-time
- Self-employed
- Unemployed
- Home-maker
- Student
- Retired
- Gig/contract worker

[employ2] [NR] [if employ is 'unemployed'] Which of the following best describes your employment status as of March 1, 2020?

- Employed, full-time
- Employed, part-time
- Self-employed
- Unemployed
- Home-maker
- Student
- Retired
- Gig/contract worker

[employ3] [if employ is 'unemployed'] Are you currently looking for a job?

- Yes
- No

[work] [if employed] Which of the following best describes your current situation?

- I currently go to work outside my home
- I used to work outside my home, but now I work from home
- I used to work from home and still do

[bus_own] Do you own a small business that employs people outside of your family?

- Yes
- No

[bus_state] [if bus_own is yes] Is your business doing better or worse now compared to the time before the COVID-19 pandemic started?

- Doing better
- Doing worse
- Doing about the same
- Not applicable

[bus_hire] [if bus_own is yes] During the COVID-19 pandemic, did you have difficulties hiring enough employees to do the work your business requires?

- Yes
- No

[bus_emp] [if bus_own is yes] Does your business do any of the following:

- Require that your employees get a COVID-19 vaccine
- Give time off to your employees to get a COVID-19 vaccine
- Specifically encourage your employees to get a COVID-19 vaccine
 - Yes
 - No

[vac_work] [if employed] What is your employer's policy about the following ways of preventing the spread of COVID-19?

- Getting a COVID-19 vaccine
- Wearing face masks at work
 - Required for employees
 - Recommended but not required
 - Not recommended or required
 - Not sure

Politics Block

[party] Generally speaking, do you think of yourself as a...

- Republican
- Democrat
- Independent
- Other: _____

[indep] *[If Independent or Other]*: Do you think of yourself as closer to the...

- Republican Party
- Democratic Party
- Neither

[dem_str] *[If Democrat]*: Do you consider yourself to be a...

- Strong Democrat
- Not very strong Democrat

[rep_str] *[If Republican]*: Do you consider yourself to be a...

- Strong Republican
- Not very strong Republican

[party_si1] *[if party is Dem/Rep]* How important is being a *[Democrat / Republican]* to you?

- Not at all important
- Not very important
- Somewhat important
- Very important
- Extremely important

[reg_21] Are you registered to vote?

- Yes
- No
- Not sure

[reg_21_st] [If registered is Yes] In what state are you registered to vote?

[State drop down menu]

[vote_21] As you may know, some states, cities, and localities held an election on November 2, 2021. Did you vote in the November 2nd, 2021 election?

- Yes

- No
- Not applicable

[sch_board] Did you vote in a school board election in the past year?

- Yes
- No
- Not sure

[sch_issues] *[if yes on sch_board]* What was the most important issue in your choice for school board? [Randomize response options]

- School safety (e.g., student discipline, law enforcement officers in schools)
- Teacher pay
- Classroom size
- Increasing enrollment
- Community engagement
- Student mental health
- Testing criteria for students
- Requiring face masks
- Requiring COVID-19 vaccines
- In-person or online instruction
- Increasing taxes to support public schools
- Transportation issues (e.g. busing)
- Teaching about race/ racism
- Teaching about gender/gender identity
- Transgender students and rules for bathroom use or joining sports teams
- Funding and curriculum for special programs (e.g. ESL, accelerated programs, etc.)
- Candidate endorsement (e.g. by a political party or advocacy group)
- Other: _____

[vote_21_city][if reg_21_st is FL, GA, KS, LA, ME, MD, MA, MI, MN] Parts of your state held an election for mayor on November 2, 2021. Did you vote in a mayoral election on November 2, 2021?

- Yes
- No

[city_issues] [If vote_21_city is Yes] What was the most important issue in your choice for mayor? [Randomize answer options]

- Crime and public safety
- The coronavirus pandemic
- Economy
- Education
- Abortion
- Taxes
- Racial inequality
- Health-care policy
- Immigration
- Something else_____

[VA_gov_21] [if reg_21_st is VA] In the November 2, 2021 election for Virginia governor, did you vote for...[randomize order of first two response options]

- Terry McAuliffe, the Democrat
- Glenn Youngkin, the Republican
- Someone else ____
- I did not vote

[NJ_gov_21] [if reg_21_st is NJ] In the November 2, 2021 election for New Jersey governor, did you vote for...[randomize order of first two response options]

- Phil Murphy, the Democrat
- Jack Ciattarelli, the Republican
- Someone else ____
- I did not vote

[gov_issues] *[if reg_21_st is VA or NJ, and the respondent voted]* What was the most important issue in your choice for governor?

[Randomize answer options]

- Crime and public safety
- The coronavirus pandemic
- Economy
- Education
- Abortion
- Taxes
- Racial inequality
- Health-care policy
- Immigration
- Something else_____

[interest] In general, how interested are you in US politics and government?

- Extremely interested
- Very interested
- Somewhat interested
- Not very interested
- Not at all interested

[ideology] Generally speaking, do you think of yourself as...

- Extremely liberal
- Liberal
- Slightly liberal
- Moderate, middle of the road
- Slightly conservative
- Conservative
- Extremely conservative

[trump] Did you approve or disapprove of the way former President Trump was handling the current coronavirus (COVID-19) outbreak?

- Strongly approve
- Approve

- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[biden] Do you approve or disapprove of the way Joe Biden is handling the current coronavirus (COVID-19) outbreak?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[governor] Do you approve or disapprove of the way your state governor is handling the current coronavirus (COVID-19) outbreak?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[vote20_post] Did you vote in the 2020 U.S. presidential election?

- Yes, I voted in person before election day
- Yes, I voted in person on election day
- Yes, I voted by mail or absentee ballot
- No, I wanted to, but could not make it
- No, I made a decision not to vote
- No, I was not eligible to vote

[voted20] [if vote20_post is yes] Which candidate did you vote for in the 2020 U.S. presidential election?

- Joe Biden (Democrat)

- Donald Trump (Republican)
- Another candidate: _____
- I did not vote
- Not sure

[support20] [if vote20_post is no] Which candidate did you support in the 2020 presidential election?

- Joe Biden (Democrat)
- Donald Trump (Republican)
- Another candidate: _____
- I did not support any of the candidates

[el_conf] **[25%]** How confident are you in the fairness of the 2020 presidential election?

- Very confident
- Mostly confident
- Not very confident
- Not at all confident

[trump_win] How much do you agree or disagree with the following statement:

“If votes were fairly counted, Donald Trump would have won the 2020 election”

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree

On January 6th 2021, while Congress was certifying results from the 2020 election, a crowd stormed the Capitol building and interrupted the proceedings.

[cap_sup] Did you support or oppose the storming of the Capitol building on January 6th?

- Strongly support
- Somewhat support
- Neither support nor oppose
- Somewhat oppose

- Strongly oppose

[pol_par] **[100%]** Which of the following, if any, have you done in the last 6 months? (Please select all that apply)

- Volunteered for a candidate, political party, or other political organization
- Attended a rally or protest
- Called or wrote to an elected official
- Attended a town hall held by an elected official
- Posted about politics on social media
- Made a donation to a candidate, party, or other political organization
- Attended a school board meeting
- I have not done any of the above

[com_off] Have you communicated with an elected official to express your opinions regarding COVID-19?

- Yes
- No

[com_off1] [if com_off is yes] What type of elected official did you communicate with? (Please select all that apply)

- City officials (e.g., mayor, city councilor)
- State representative or senator
- Governor
- US Representative
- US Senator
- President

[com_off2] [if com_off is yes] How did you communicate with an elected official about COVID-19? (Please select all that apply)

- By mail
- By phone
- By email
- Through an online form

- Through Twitter
- Through Facebook
- Through other social media
- In a group conversation
(either face-to-face or virtual, such as through Zoom, Facetime, or Skype)
- In a one-on-one conversation
(either face-to-face or virtual, such as through Zoom, Facetime, or Skype)
- Other

[therm1] We'd like to get your feelings towards different groups on a scale of 0 to 100, which we call a "feeling thermometer." On this feeling thermometer scale, ratings between 0 and 49 degrees mean that you feel unfavorable and cold (with 0 being the most unfavorable/coldest). Ratings between 51 and 100 degrees mean that you feel favorable and warm (with 100 being the most favorable/warmest). A rating of 50 means you have no feelings one way or the other. How would you rate each of the following groups?

- Republicans [0-100]
- Democrats [0-100]
- Trump supporters [0-100]
- Biden supporters [0-100]
- Asian people [0-100]
- Black people [0-100]
- Hispanic people [0-100]
- White people [0-100]
- Scientists [0-100]
- Police [0-100]

[therm2] Please rate on the feeling thermometer the following groups?

- The people who stormed the Capitol building [0-100]
- Black Lives Matter protesters [0-100]
- People who wear face masks [0-100]
- People who do **not** wear face masks [0-100]
- People who are vaccinated against COVID-19 [0-100]
- People who are **not** vaccinated against COVID-19 [0-100]

[biden_gen] Do you approve or disapprove of the way Joe Biden is handling his job as president-elect?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[trump_gen] Did you approve or disapprove of the way Donald Trump handled his job as president?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[gov_gen] Do you approve or disapprove of the way your governor is handling their job?

- Strongly approve
- Approve
- Neither approve or disapprove
- Disapprove
- Strongly disapprove

[history] How concerned, if at all, are you with how American history is currently taught in K-12 public schools?[Randomly reverse order of response options]

- Very concerned
- Somewhat concerned
- Not very concerned
- Not at all concerned

[crt_exp] Do you support or oppose teaching [Randomize: Critical Race Theory (CRT)/ how racism continues to impact American society today] in public schools?

[Randomly reverse response options]

- Strongly support
- Somewhat support
- Neither support nor oppose
- Somewhat oppose
- Strongly oppose

[crt_familiar] How familiar are you with Critical Race Theory (CRT)?

[Randomly reverse order of response options]

- Extremely familiar
- Very familiar
- Not very familiar
- Not at all familiar

[crt_society] How well do you believe Critical Race Theory (CRT) describes how American society works?

- Extremely well
- Very well
- Not very well
- Not at all well
- Don't know

[crt_meaning] In your own words, please describe what Critical Race Theory (CRT) means to you: [open-ended Question]

[anti_int] How much do you agree or disagree with the following statements?:

	Strongly disagree	Somewhat disagree	Neither agree nor disagree	Somewhat agree	Strongly agree
I'd rather put my trust in the wisdom of ordinary people than in	•	•	•	•	•

the opinions of experts and intellectuals					
When it comes to really important questions, scientific facts don't help very much	•	•	•	•	•
Ordinary people can really use the help of experts to understand complicated things like science	•	•	•	•	•

Trust Block

[inst_trust] How much do you trust the following people and organizations to do the right thing to best handle the current coronavirus (COVID-19) outbreak?

	A lot	Some	Not too much	Not at all
Your city government	•	•	•	•
Your state government	•	•	•	•
Congress	•	•	•	•
The White House	•	•	•	•
The CDC (Centers for Disease Control and Prevention)	•	•	•	•
The FDA (Food and Drug Administration)	•	•	•	•
Dr. Anthony Fauci of the National Institute of Health	•	•	•	•
Donald Trump	•	•	•	•
Joe Biden	•	•	•	•

[inst_trust2] How much do you trust the following people and organizations to do the right thing to best handle the current coronavirus (COVID-19) outbreak?

	A lot	Some	Not too much	Not at all
Hospitals and doctors	●	●	●	●
Pharmaceutical companies	●	●	●	●
Scientists and researchers	●	●	●	●
The police	●	●	●	●
Banks	●	●	●	●
The news media	●	●	●	●
Social media companies	●	●	●	●

[inst_trust3] How much do you trust the following organizations to do the right thing to best handle the current coronavirus (COVID-19) outbreak?

	A lot	Some	Not too much	Not at all
CNN	●	●	●	●
Fox News	●	●	●	●
The New York Times	●	●	●	●
Facebook	●	●	●	●
Google	●	●	●	●
Twitter	●	●	●	●

[trust] **[NR]** Generally speaking, would you say that most people can be trusted, or that you can't be too careful in dealing with people? On a scale from 1 to 10 (1 = "you can't be too careful" and 10 = "most people can be trusted"), would you say that...

1 2 3 4 5 6 7 8 9 10

Mood Block

[stress] On a scale of 1 to 10 (1 being no stress at all, and 10 being an extreme amount of stress), how would you rate your level of stress at this point in your life?

[phq9] Over the last two weeks, how often have you been bothered by the following problems?

	Not at all	Several days	More than half the days	Nearly every day
Little interest or pleasure in doing things	•	•	•	•
Feeling down, depressed, or hopeless	•	•	•	•
Trouble falling or staying asleep, or sleeping too much	•	•	•	•
Feeling tired or having little energy	•	•	•	•
Poor appetite or overeating	•	•	•	•
Feeling bad about yourself - or that you are a failure or have let yourself or your family down	•	•	•	•
Trouble concentrating on things, such as reading the newspaper or watching television	•	•	•	•
Moving or speaking so slowly that other people could have noticed -- or so fidgety or restless that you have been moving a lot more than usual	•	•	•	•
Thoughts that you would be better off dead, or thoughts of hurting yourself in some way	•	•	•	•
Experiencing weakness in my left arm	•	•	•	•

Help is available for depression, anxiety, and thoughts of suicide. To speak to a counselor today, you can call:

- SAMHSA Disaster Distress Hotline: 1-800-985-5990
- National Suicide Prevention Lifeline: 1-800-273-8255
(En Español: 1-888-628-9454; Deaf and Hard of Hearing: 1-800-799-4889)

Or go online at suicidepreventionlifeline.org/talk-to-someone-now

For help in finding mental health treatment, you can also call the SAMHSA Helpline at 1-800-662-HELP (4357) or online at findtreatment.samhsa.gov.

[check2] It is important for us to collect the best possible information about the coronavirus (COVID-19) outbreak. Just so we know you are still with us and paying attention, please select "Always" below.

- Always
- Most of the time
- About half the time
- Sometimes
- Never

Technology Block

[internet] **[NR]** Overall, how often do you use the internet? (For example through a desktop or a laptop computer, a tablet, a phone, or another device)?

- Most of the day
- Several times a day
- About once a day
- Several times a week
- Once a week
- Less than once a week

[device] **[NR]** Do you own any of the following devices? (Please select all that apply)

- A smart phone
- A desktop computer
- A laptop computer
- A tablet PC or iPad
- A home assistant or smart speaker device (e.g. Amazon Echo, Google Home)

[platform] **[100%]** Do you ever use any of the following social media sites or apps? (Please select all that apply)

- Gab
- Facebook
- Facebook Messenger
- Instagram
- LinkedIn
- Parler
- Pinterest
- Reddit
- Tumblr
- TikTok
- Twitter
- Snapchat
- YouTube

- WhatsApp
- 4chan

[sm_freq] How often do you use the following social media platforms?

[carry forward list from platform question]

- Most of the day
- Several times a day
- About once a day
- Several times a week
- Once a week
- Less than once a week

[captcha] Please click on the box below.

FINAL BLOCK

You are almost done!

Before you complete this survey, we have one more question. If you are a Twitter user, we would like to ask for your Twitter handle. We will not use it to contact or mention you, or collect any identifiable information about you. We are interested in finding out if people's social media content reflects their experience during the coronavirus outbreak. We hope that your information could help us find ways to better track COVID-19 using Twitter data!

If you use Twitter, what is your username?
(e.g. this may look something like @johndoe)

[twitter1] Main account: _____

[twitter2] Second account, if any: _____

[twitter2] Third account, if any: _____

THANK YOU!

Thank you for participating in our study. You can get information about the coronavirus outbreak and how to protect yourself and others from the [CDC website](#) or the [WHO public advice](#) on COVID-19. Mental health resources to help people deal with this crisis are available from the [COVID-19 Mental Health Resource Hub](#).

To complete the survey, you can simply click "Next" one last time.