



Methodology

Change Research surveyed 1,775 registered voters in the United States from August 30-September 2, 2021.

We used some or all of the following sources to recruit respondents:

- targeted advertisements on Facebook
- targeted advertisements on Instagram
- targeted advertisements on individual websites via Google and/or Facebook's ad platform
- text messages sent, via the echo19 platform, to cell phone numbers listed on the voter file for individuals who qualified for the survey's sample universe, based on their voter file data

Regardless of which of these sources a respondent came from, they were directed to a survey hosted on SurveyMonkey's website.

Ads placed on social media targeted all adults living in the United States. Those who indicated that they were not registered to vote were terminated. As the survey fielded, Change Research used dynamic online sampling: adjusting ad budgets, lowering budgets for ads targeting groups that were overrepresented and raising budgets for ads targeting groups that were underrepresented, so that the final sample was roughly representative of the population across different groups. The survey was conducted in English.

The questions in this release were conducted on behalf of CNBC and conducted online by Change Research. Post-stratification was performed on age, gender, race/ethnicity, region, education, and 2020 presidential vote. Weighting parameters were based on the demographic composition of registered voters, obtained from the voter file. That is, if a given age bracket or gender group represented x% of all registered voters in the United States, then that same group would be weighted to x% in this survey."

The modeled margin of error* for this survey is 2.33%, which uses effective sample sizes** that adjust for the design effect of weighting.

* We adopt The Pew Research Center's convention for the term "modeled margin of error"(1) (mMOE) to indicate that our surveys are not simple random samples in the pure sense, similar to any survey that has either non-response bias or for which the general population was not invited at random. A common, if imperfect, convention for reporting survey results is to use a single, survey-level mMOE based on a normal approximation. This is a poor approximation for proportion estimates close to 0 or 1. However, it is a useful communication tool in many settings and is reasonable in places where the proportion of interest is close to 50%. We report this normal approximation for our surveys assuming a proportion estimate of 50%.

** The effective sample size adjusts for the weighting applied to respondents, and is calculated using Kish's approximation (2).

(1) <https://www.pewresearch.org/methods/2018/01/26/for-weighting-online-opt-in-samples-what-matters-most/>

(2) Kish, Leslie. *Survey Sampling*, 1965.

For more information, contact Nancy Zdunkewicz at nancy@changeresearch.com.

Questions

Are you male or female?

- Male
- Female

In what year were you born? [TEXT BOX]

In what ZIP code do you currently live? [TEXT BOX]

What is the highest level of education you have completed?

- High school diploma or less
- Some college, but no degree
- Associate's degree, or two-year college degree
- Bachelor's degree, or four-year college degree
- Graduate degree

What is your race?

- White / Caucasian
- Hispanic or Latino/a
- Black or African American / Pacific Islander
- American Indian or Alaska Native
- Other (please specify): [text box]

[If not Hispanic/Latino] Are you from a Hispanic, Latino/a or Spanish-speaking background?

- Yes
- No

Are you registered to vote?

- Yes
- No [Terminate]
- Not sure [Terminate]

Generally speaking, do you think of yourself as a: [Randomize Dem/Rep]

- Democrat
- Republican
- Independent/Other

[If Democrat/Republican] Do you consider yourself a:

- Strong Democrat/Republican
- Not so strong Democrat/Republican

[If Independent/Other] Do you consider yourself closer to: [Randomize Dem/Rep]

- The Democrats
- The Republicans
- Neither

How did you vote in the 2020 election for President, or for some reason were you unable to vote?

- Joe Biden, the Democrat
- Donald Trump, the Republican
- Jo Jorgensen, the Libertarian
- Not registered/Too young/Ineligible

- Did not vote

How did you vote in the 2018 election for U.S. Congress, or for some reason were you unable to vote?

- The Democratic candidate
- The Republican candidate
- Not registered/Ineligible/Too young
- Did not vote

In the November 2016 election, did you vote for:

- Donald Trump, the Republican
- Hillary Clinton, the Democrat
- Gary Johnson, the Libertarian
- Jill Stein, the Green Party
- Not registered/Ineligible/Too young
- Did not vote

Even though it's a long way off, do you plan to vote in the November 2022 election for U.S. Congress and other state and local offices?

- Yes, definitely
- Yes, probably
- Maybe (50-50)
- No, probably not
- No, definitely not

How would you say things in the United States are going? Are they going in the right direction or off on the wrong track?

- Right direction
- Wrong track

How favorable are your feelings about each of the following people and organizations? [Very favorable | Somewhat favorable | Neutral | Somewhat unfavorable | Very unfavorable | Never heard of them]

[Randomize]

- Donald Trump
- Joe Biden
- Pharmaceutical drug companies

In general, how would you rate the job that Joe Biden is doing as President?

- Strongly approve
- Somewhat approve
- Somewhat disapprove
- Strongly disapprove

If the November 2022 election for U.S. Congress were held today, who would you vote for?

- The Democratic candidate
- The Republican candidate
- Not sure

[If Not sure] If you had to choose, who would you vote for?

- The Democratic candidate
- The Republican candidate
- Not sure

- Would not vote

[TIMESERIES] How motivated are you about voting in the November 2022 midterm election on a scale from 0 to 10, where 0 means you are not motivated at all and 10 means you are extremely motivated? [0 - not motivated at all | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 - extremely motivated]

[TIMESERIES] Which THREE of the following are the most important issues facing the country: [Randomize]

- The economy, jobs & cost of living
- COVID-19
- Immigration
- Health care and drug costs
- Racism and discrimination
- Taxes
- The budget
- Guns
- Infrastructure
- Climate change and the environment
- Education
- National security
- Medicare and Social Security
- Law and order
- Political corruption

[TIMESERIES] Do you approve or disapprove of the job Joe Biden is doing handling each of the following issues: [Randomize] [Strongly approve | Somewhat approve | Somewhat disapprove | Strongly disapprove]

- The coronavirus
- The economy
- Helping your pocketbook
- The stock market
- Jobs
- Getting vaccines to everyone who wants one
- Infrastructure
- National security
- The withdrawal of U.S. troops from Afghanistan

In the past few weeks, how much have you heard about each of the following: [Randomize] [A lot | A decent amount | A little bit | Nothing at all]

- The withdrawal of U.S. troops from Afghanistan
- The Delta variant of COVID-19
- The Governors in Florida and Texas prohibiting school districts from requiring masks
- The CDC recommending a 'booster' shot of the COVID-19 vaccine after 8 months
- The development of an oral antiviral medicine to treat COVID-19
- The FDA granting full approval to Pfizer's COVID-19 vaccine this week
- Hurricane Ida

[TIMESERIES] How serious are your concerns about the coronavirus disease?

- Very serious concerns
- Somewhat serious concerns
- Minor concerns
- No concerns at all

[TIMESERIES] Thinking about the impact of coronavirus on you and your family, are you more concerned about the impact on your family's health and safety or the impact on your family's financial situation?

- My family's health and safety much more
- My family's health and safety somewhat more

- My family's financial situation somewhat more
- My family's financial situation much more

[TIMESERIES] Thinking about the impact of the coronavirus, do you think:

- Things are getting better
- Things are getting worse
- Not sure

[TIMESERIES] Do you personally know anyone who has been diagnosed with the coronavirus, or not?
Select all that apply.

- Yes, me personally
- Yes, a family member
- Yes, a close friend
- Yes, a coworker
- Yes, a member of my local community
- None of the above

[TIMESERIES] When do you expect your daily life will return to a sense of normalcy?

- It already has returned to normal
- Within 1-2 months
- Within 6 months
- 6 months to a year from now
- More than a year from now

[TIMESERIES] What steps are you currently taking in response to the coronavirus? Select all that apply.

[Randomize list]

- Purchasing medical supplies (medicine, sanitizer, masks)
- Taking precautions like handwashing
- Avoiding crowds
- Working from home
- Engaging in "social distancing"
- Not going to restaurants and bars
- Sheltering at home
- Wearing a face mask in public

When it comes to the COVID-19 vaccine, are you:

- Fully vaccinated
- Partially vaccinated
- Not vaccinated

[IF FULLY/PARTIALLY VACCINATED] Which vaccine did you receive?

- Pfizer
- Moderna
- Johnson & Johnson
- AstraZeneca
- Something else

[IF FULLY/PARTIALLY VACCINATED] When did you receive your first vaccine?

- In the past week
- In the past month
- Several months ago

[IF FULLY/PARTIALLY VACCINATED AND 1st SHOT IN PAST WEEK/MONTH] What is the main reason why you decided to get vaccinated recently? [RECORD OPEN END]

[IF NOT VACCINATED] Even though you are not currently vaccinated, do you plan to get vaccinated?

- Yes
- No
- Maybe

[IF NOT VACCINATED] Which of the following is the main reason why you have not been vaccinated?

[Randomize]

- Concerns about safety or side effects
- Don't trust the government
- Not worried about getting COVID-19
- Too busy, couldn't take off work
- Don't like getting shots
- Don't think the vaccines are effective

[IF NOT VACCINATED] On August 23rd the FDA granted full approval to Pfizer's COVID-19 vaccine.

Did/does this make you more likely to get vaccinated?

- Much more likely
- Somewhat more likely
- Makes no difference

[IF NOT VACCINATED] Even though you are not vaccinated, would you be more likely to get vaccinated if:

[Randomize] [Much more likely | Somewhat more likely | Makes no difference]

- President Trump asked me to get vaccinated
- The Delta variant became more of a problem in my community
- If a family member asked me to get vaccinated
- It was required to travel internationally
- It was required by my employer
- I knew I wouldn't have side effects in the hours and days after

On August 23rd the FDA granted full approval to Pfizer's COVID-19 vaccine. Does that make you more confident about the safety of the vaccine?

- Much more confident
- Somewhat more confident
- Makes no difference

Regardless of your vaccination status, which do you believe is a bigger risk to your health and safety?

- Being infected with COVID-19
- Getting the COVID-19 vaccine
- Not sure

Drug companies are currently testing an oral antiviral medicine to treat COVID-19. This medication could be taken at home to treat early symptoms of COVID-19 and prevent severe illness. Would you take an oral antiviral treatment for COVID-19 if you contract the virus?

- Yes
- No
- Maybe

When you get sick, how often would you say you accept the recommendations of your doctor for treatment?

- Always
- Most of the time
- Only sometimes

Have you ever received a flu shot?

- Yes

- No
- Not sure

Have you ever taken the prescription flu treatment, Tamiflu?

- Yes
- No
- Not sure

If you were to contract COVID-19, would you accept each of the following treatments if your doctor recommended it? [Randomize list] [Yes | No | Maybe]

- Remdesivir (Antiviral given via IV)
- Regeneron (Monoclonal antibodies given via IV)

[IF FULLY/PARTIALLY VACCINATED] The CDC recently recommended COVID-19 booster shots 8 months after initial dose(s) of vaccination. These booster shots will be offered beginning the week of September 20th. Will you receive a COVID-19 booster shot when you are eligible?

- Yes
- No
- Maybe

[IF NOT VACCINATED] Are you more likely to: [Randomize]

- Get the COVID-19 vaccine to prevent contracting COVID-19
- Seek monoclonal antibody treatment if I contract COVID-19
- Neither

[IF NOT VACCINATED] The CDC recently recommended COVID-19 booster shots 8 months after initial dose(s) of vaccination. These booster shots will be offered beginning the week of September 20th. Does this information make you more or less likely to get vaccinated?

- More likely
- Makes no difference
- Less likely

Do you agree or disagree with each of the following statements? [Randomize]

[Strongly agree | Somewhat agree | Somewhat disagree | Strongly disagree | Not sure]

- Schools should be able to require their faculty to wear masks.
- Schools should be able to require their students to wear masks.
- Private companies should be able to require their employees to get vaccinated.
- Private companies should be able to require their customers to wear masks.
- Private companies should be able to choose to only serve vaccinated customers.
- Private companies should be required to serve customers who are not vaccinated.

At this stage of the pandemic, should faculty and staff at schools be required to:

[Yes, should be required | No, should not be required | Not sure]

- Wear masks at school
- Be vaccinated

How serious are your concerns about the spread of COVID-19 among students at schools in your area?

- Very serious concerns
- Somewhat serious concerns
- Minor concerns
- No concerns at all

Are you more or less concerned about the spread of COVID-19 among students today compared to this time last year

- More concerned than this time last year

- Less concerned than this time last year
- As concerned as I was this time last year

Are you the parent or guardian of a child(ren) under the age of 18?

- Yes
- No

[IF YES] Please indicate how old your child(ren) is/are below. Select all that apply.

- 4 years or younger
- 5 to 11 years old
- 12 to 17 years old

[IF KID 12-17] The COVID-19 is currently authorized for adults and children ages 12 and older. Have you vaccinated your 12 to 17 year old child(ren)?

- Yes
- No, but plan to
- No, and don't plan to

[IF KID 5 to 11] The COVID-19 is currently authorized for adults and children ages 12 and older. Will you vaccinate your 5 to 11 year old child(ren) if the FDA authorized a COVID-19 vaccine for children ages 5 to 11?

- Yes
- No
- Maybe

Which of the following are your main sources of news about politics and current events? Select all that apply. [Allow multiple responses]

- Local television
- Broadcast television news (CBS, NBC or ABC)
- CNN
- Fox News
- MSNBC
- National newspapers (such as NYT, WSJ, or Washington Post)
- Online news websites
- Social media and websites where news is shared (such as Facebook, Twitter or YouTube)
- Radio
- Other

Which of the following do you consider your current or most recent job?

- White collar
- Blue collar
- Service industry
- Educator
- Health care worker
- Military
- Homemaker
- Student
- Have not worked

Which of the following best matches your religious affiliation?

- Evangelical
- Protestant, Non-Evangelical
- Observant Catholic
- Non-observant Catholic
- Mormon / Church of Jesus Christ of Latter-day Saints
- Jewish

- Muslim
- Other
- Non-religious