

## Appendix A. Survey instrument

This survey was designed by Paul Reiter and colleagues at The Ohio State University. Data collection occurred in May 2020 via an online survey with a national sample of adults in the United States. Please cite the associated article when referencing this survey.

*[...] Brackets indicate text that participants did not see, including source of item, instructions to the programmer or response scale options not seen by participants.*

<b>Eligibility Screener and Demographics</b>				
<b>Item #</b>	<b>Construct</b>	<b>Item</b>	<b>Response Scale</b>	<b>Notes</b>
A100	Demographics	What is your age?	_____ years old	<b>[Note to programmers: Make this Question Mandatory to Answer]</b>
A110	Demographics	Do you currently live in the United States?	1 = Yes 2 = No	<b>[Note to programmers: Make this Question Mandatory to Answer]</b>
A120	Demographics	What state do you currently live in?	1 = Alabama 2 = Alaska 3 = Arizona 4 = Arkansas 5 = California 6 = Colorado 7 = Connecticut 8 = Delaware 9 = District of Columbia 10 = Florida 11 = Georgia 12 = Hawaii 13 = Idaho 14 = Illinois 15 = Indiana 16 = Iowa 17 = Kansas 18 = Kentucky 19 = Louisiana 20 = Maine 21 = Maryland 22 = Massachusetts 23 = Michigan 24 = Minnesota 25 = Mississippi 26 = Missouri 27 = Montana 28 = Nebraska 29 = Nevada	<b>[Note to programmers: Make this Question Mandatory to Answer]</b>

- 30 = New Hampshire
- 31 = New Jersey
- 32 = New Mexico
- 33 = New York
- 34 = North Carolina
- 35 = North Dakota
- 36 = Ohio
- 37 = Oklahoma
- 38 = Oregon
- 39 = Pennsylvania
- 40 = Rhode Island
- 41 = South Carolina
- 42 = South Dakota
- 43 = Tennessee
- 44 = Texas
- 45 = Utah
- 46 = Vermont
- 47 = Virginia
- 48 = Washington
- 49 = West Virginia
- 50 = Wisconsin
- 51 = Wyoming
- X BLANK

A130	Demographics	Are you of Hispanic, Latino, or Spanish origin?	1 = Yes 2 = No X BLANK
A140	Demographics	Which one of these groups would you say best represents your race?	1 = White 2 = Black or African American 3 = American Indian or Alaskan Native 4 = Asian or Asian American 5 = Native Hawaiian or Other Pacific Islander 6 = Multiracial 7 = Other, please specify: _____ <b>[open ended, Item #A150]</b> X BLANK
A150	Demographics	Other race description	open-ended
A160	Demographics	How do you describe yourself?	1 = Male 2 = Female 3 = Transgender woman / Transfeminine 4 = Transgender man / Transmasculine 5 = Gender non-conforming / Nonbinary / Genderqueer 6 = Different identity X BLANK

A170	Demographics	What is the highest level of education that you have completed?	1 = Less than a high school degree 2 = High school degree or GED 3 = Some college or technical school 4 = College degree or more X BLANK	
<b>Awareness &amp; Knowledge</b>				
<b>Item #</b>	<b>Construct</b>	<b>Item</b>	<b>Response Scale</b>	<b>Notes</b>
B100	Perceived Knowledge	For the first few items, please tell us what you think about the new coronavirus called COVID-19. Sometimes COVID-19 may also be called "novel coronavirus," "SARS-CoV-2," or just "coronavirus." For the rest of this survey, we will call it "COVID-19."  How much would you say you know about COVID-19?	1 = Nothing at all 2 = A little 3 = A moderate amount 4 = A lot X BLANK	
B110	Knowledge	Do you think people over the age of 65 are at greater risk of severe illness if they get COVID-19?	1 = Yes 2 = No 8 = I don't know X = BLANK	<b>[Note to programmers: Randomize Items B110 – B150 and Put Into Question Grid]</b>
B120	Knowledge	Do you think COVID-19 can be spread from person to person?	1 = Yes 2 = No 8 = I don't know X = BLANK	
B130	Knowledge	Do you think COVID-19 is caused by the same virus that causes influenza (flu)?	1 = Yes 2 = No 8 = I don't know X = BLANK	
B140	Knowledge	Do you think people with COVID-19 always show symptoms of being sick?	1 = Yes 2 = No 8 = I don't know X = BLANK	
B150	Knowledge	Do you think most people who get COVID-19 only have mild symptoms?	1 = Yes 2 = No 8 = I don't know X = BLANK	
B160	Knowledge	Which of the following do you think can be symptoms of COVID-19? Please select all that apply.	1 = Fever 2 = Cough 3 = Shortness of breath 4 = Sore throat 5 = Runny or stuffy nose 6 = Muscle or body aches 7 = Headaches 8 = Fatigue (feeling tired) 9 = Diarrhea 10 = Loss of smell or taste 11 = Rash on face 12 = Blurry vision 13 = Ear ache 14 = Hair loss X BLANK	<b>[Note to programmers: Randomize response options 1 through 14]</b>

B170	Knowledge	Which of the following statements about COVID-19 do you think is correct?	1 = After a person has recovered from COVID-19, he/she <u>cannot</u> get it again 2 = After a person has recovered from COVID-19, he/she <u>can</u> get it again 8 = I don't know X BLANK	
	Knowledge	<p>COVID-19 is a new respiratory disease caused by a virus. The virus is different from influenza. COVID-19 is being called a pandemic, meaning there are lots of cases around the world. This includes over a million cases in the U.S.</p> <p>COVID-19 can be spread from person to person. There are many possible symptoms, but a few of the more common ones are fever, fatigue, and cough. Most people recover from COVID-19 without needing any special treatment.</p>		<b>[Note to programmers: Once this screen appears, do NOT allow participants to go backwards in the survey to any previous items]</b>
<b>Communication and Information</b>				
<u>Item #</u>	<u>Construct</u>	<u>Item</u>	<u>Response Scale</u>	<u>Notes</u>
C100	Communication	<p>The next few questions are about news and information about COVID-19 that you may have seen or heard.</p> <p>How much news and information have you seen or heard about COVID-19?</p>	<p>1 = None at all 2 = A little 3 = A moderate amount 4 = A lot X BLANK</p> <p><b>[IF C100=2,3,4 CONTINUE TO C110] [IF C100=1,X SKIP TO C120]</b></p>	
C110	Communication	Where have you seen or heard news and information about COVID-19? Please select all that apply.	<p><b>[IF C100=2,3,4]</b></p> <p>1 = Newspaper 2 = Magazine 3 = Radio 4 = Local news on TV 5 = National news on TV (like CNN or Fox News) 6 = Social media (e.g. Facebook, Twitter, YouTube) 7 = Internet, but not social media X BLANK</p>	<b>[Note to programmers: Randomize response options 1 through 7, with 7 always following 6]</b>

C120	Communication	Which one of these sources would you <u>trust the most</u> for news and information about COVID-19?	1 = Newspaper 2 = Magazine 3 = Radio 4 = Local news on TV 5 = National news on TV (like CNN or Fox News) 6 = Social media (e.g. Facebook, Twitter, YouTube) 7 = Internet, but not social media X BLANK	<b>[Note to programmers: Randomize response options 1 through 7, with 7 always following 6]</b>
C130	Communication	Who have you talked to about COVID-19? Please select all that apply.	1 = My spouse, partner, or significant other 2 = My children 3 = My parents 4 = Other family member(s) 5 = Friend(s) 6 = Boss or co-workers 7 = Doctor or other health care provider 8 = Someone else, please tell us: _____ <b>[open ended, Item #C140]</b> 9 = I have not talked to anyone X BLANK  <b>[IF C130=9 SKIP TO C170; ELSE CONTINUE TO C150]</b>	<b>[Note to programmers: If response option #9 is selected, do not allow other answers to be selected]</b>
C140	Communication	Other person description	open-ended	
C150	Communication	What came up during these conversations about COVID-19? Please select all that apply.	1 = Its symptoms 2 = How to get tested 3 = Treatment options 4 = How to prevent getting it 5 = How to take care of someone who has it 6 = Travel restrictions 7 = Work restrictions 8 = School restrictions 9 = How the government is handling it 10 = Its effects on the economy 11 = Something else, please tell us: _____ <b>[open ended, Item #C160]</b> X BLANK	<b>[Note to programmers: Randomize response options 1 through 10]</b>
C160	Communication	Other topic description	open-ended	
C170	Misinformation	Which of the following best describes the information you have seen or heard about COVID-19?	1 = I have mostly seen the same information across different sources 2 = I have mostly seen conflicting information across different sources X BLANK	<b>[Note to programmers: Rotate response options 1 and 2]</b>

C180	Misinformation	How much information have you seen or heard about COVID-19 that seemed fake or made up?	1 = None at all 2 = A little 3 = A moderate amount 4 = A lot X BLANK	
C190	Misinformation	What information about COVID-19 seemed the most fake or made up? Please be as specific as possible.	open-ended	
C200	Misinformation	Recently, there was a news story that the President may have wondered if COVID-19 could be treated by injecting a disinfectant (like bleach).  Did you see or hear about this news story?	1 = Yes 2 = No X = BLANK  [IF C200=1 CONTINUE TO C210] [IF C200=2,X SKIP TO C220]	
C210	Misinformation	What did you think about that news story?	[IF C200=1]  1 = The story was real and the President was being serious when he said that 2 = The story was real but the President was joking when he said that 3 = The story was fake (created by the media) and the President didn't say that at all 4 = I wasn't sure what to think X = BLANK	[Note to programmers: Rotate response options 1-3 half of the time and 3-1 half of the time]
C220	Misinformation	From the information you have seen or heard, do you think it is most likely that COVID-19...	1 = Came from animals and was passed to humans 2 = Was made on purpose in a science lab 3 = Was made by accident in a science lab 4 = Does not really exist X BLANK	[Note to programmers: Randomize response options 1 through 4]
<b>Health and Life Impact</b>				
<u>Item #</u>	<u>Construct</u>	<u>Item</u>	<u>Response Scale</u>	<u>Notes</u>
D100	Testing	The next questions are about the impact that COVID-19 has had on people's health and lives.  Have you ever been tested to see if you have COVID-19?	1 = Yes 2 = No X = BLANK  [IF D100=1 CONTINUE TO D110] [IF D100=2,X SKIP TO D130]	

D110	Testing	Where did you go to get tested for COVID-19?	<p><b>[IF D100=1]</b></p> <p>1 = Doctor's office, health clinic, or hospital  2 = A drive-thru testing site  3 = A test was mailed to my home  4 = Other, please tell us: _____ <b>[open ended, Item #D120]</b>  X BLANK</p>	
D120	Testing	Other testing location description	open-ended	
D130	Disease history	Have you ever been told by a doctor or other health care provider that you have COVID-19?	<p>1 = Yes  2 = No  X = BLANK</p> <p><b>[IF D130=2,X CONTINUE TO D140]</b>  <b>[IF D130=1 SKIP TO D150]</b></p>	
D140	Disease history	Have you ever thought that you had COVID-19 because of symptoms but were never tested or diagnosed by a health care provider?	<p><b>[IF D130=2,X]</b></p> <p>1 = Yes  2 = No  X = BLANK</p>	
D150	Disease history	Has a friend or family member ever been told by a doctor or other health care provider that they have COVID-19?	<p>1 = Yes  2 = No  X = BLANK</p>	
D160	Testing	Have you ever tried to get tested for COVID-19 but was unsuccessful?	<p>1 = Yes  2 = No  X = BLANK</p> <p><b>[IF D160=1 CONTINUE TO D170]</b>  <b>[IF D160=2,X SKIP TO D190]</b></p>	
D170	Testing	What is the main reason that you were unsuccessful in getting tested for COVID-19?	<p><b>[IF D160=1]</b></p> <p>1 = Could not find a place to get tested  2 = Doctor or other health care provider said that I did not need to get tested  3 = Trouble collecting the sample from my nose or throat  4 = The test costs too much  5 = No transportation  6 = Other, please tell us: _____ <b>[open ended, Item #D180]</b>  X BLANK</p>	<b>[Note to programmers: Randomize response options 1 through 5]</b>
D180	Testing	Other reason description	open-ended	

D190	At-home testing	<p>Scientists are currently working on different types of tests for COVID-19 that people could use at home.</p> <p>The first type of test would be for people who currently have symptoms to see if they have COVID-19. Testing positive means that a person currently has COVID-19.</p> <p>For this test, a health clinic would mail someone a test to do at home. The person would collect either a saliva (spit) sample or use a long Q-tip to get a sample from the back of their nose or throat. The person would then mail the sample to a health clinic for testing.</p> <p>Imagine this test becomes available and you were having symptoms. How willing would you be to use this home test to see if you were currently sick with COVID-19?</p>	<p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  X BLANK</p>	<p><b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b></p>
D200	At-home testing	<p>The second type of test would tell people if they have ever had COVID-19, even if they never had any symptoms. Testing positive means that a person had COVID-19 at some point in the past and their body may now have protection against getting it again in the future. People could do this test whether or not they currently have any symptoms.</p> <p>For this test, a health clinic would mail someone a test to do at home. The person would prick their finger and place a drop of blood onto the test. The person then takes a picture of the test and sends it to a health clinic through an app on their phone/computer. The clinic then looks at the picture and calls the person to tell them the results.</p> <p>Imagine this test becomes available. How willing would you be to use this home test to see if you have ever had COVID-19?</p>	<p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  X BLANK</p>	<p><b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b></p>



D210	Impact on daily life	<p>COVID-19 has impacted people's day-to-day life in many different ways.</p> <p>Have you experienced any of these difficulties due to COVID-19? Please select all that apply.</p>	<p>1 = Reduced wages or work hours  2 = Job loss  3 = Loss of savings or retirement funds  4 = Problems with housing  5 = Childcare issues  6 = Problems getting food  7 = Problems getting cleaning supplies or other household items  8 = Problems getting medications  9 = Transportation issues  10 = Problems accessing health care  11 = Something else, please tell us: _____ <b>[open ended, Item #D220]</b>  12 = None of the above  X BLANK</p>	<p><b>[Note to programmers: Randomize response options 1 through 10]</b></p> <p><b>[Note to programmers: If response option #12 is selected, do not allow other answers to be selected]</b></p>
D220	Impact on daily life	Other way description	open-ended	
D230	Impact on daily life	<p>How much of a threat is COVID-19 to...</p> <p>...your physical health?</p>	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	<b>[Note to programmers: Randomize Items D230 – D280 and Put Into Question Grid]</b>
D240	Impact on daily life	...your mental health?	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	
D250	Impact on daily life	...the health of the U.S. population as a whole?	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	
D260	Impact on daily life	...your personal financial safety?	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	
D270	Impact on daily life	...the economy of the United States?	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	
D280	Impact on daily life	...day-to-day life in your local community?	<p>1 = Not a threat  2 = Minor threat  3 = Moderate threat  4 = Major threat  X BLANK</p>	

D290	Impact on daily life	<p>People have made many types of changes to their lifestyle or daily activities because of COVID-19.</p> <p>Which of these changes have you made because of COVID-19? Please select all that apply.</p>	<p>1 = Bought extra medicine or medical supplies (e.g., thermometer)  2 = Bought food supplies on a larger scale  3 = Bought cleaning supplies on a larger scale  4 = Bought other household supplies (e.g., toilet paper) on a larger scale  5 = Had groceries or other supplies mailed to my home  6 = Avoided or cancelled domestic travel  7 = Avoided or cancelled international travel  8 = Avoided visiting family members or friends even when I did not have symptoms of disease  9 = Avoided going to the doctor or dentist for routine appointments  10 = Worked from home  11 = Something else, please tell us: _____ <b>[open ended, Item #D295]</b>  12 = None of the above  X BLANK</p>	<p><b>[Note to programmers: Rotate response options 1 through 10]</b></p> <p><b>[Note to programmers: If response option #12 is selected, do not allow other answers to be selected]</b></p>
D295	Impact on daily life	Other change description	open-ended	
D300	Impact on daily life	<p>COVID-19 has also affected how people feel and act.</p> <p>Which of the following have you experienced due to COVID-19? Please select all that apply.</p>	<p>1 = Fear of getting sick  2 = Worry about friends and family  3 = Boredom  4 = Frustration  5 = Anxiety  6 = Depression  7 = Trouble sleeping  8 = Increased alcohol or other substance use  9 = Increased sexual activity  10 = Decreased sexual activity  11 = Loneliness  12 = Confusion  13 = None of the above  X BLANK</p>	<p><b>[Note to programmers: Randomize response options 1 through 12]</b></p> <p><b>[Note to programmers: If response option #13 is selected, do not allow other answers to be selected]</b></p>
D310	Impact on daily life	On a scale of 0 to 100, how much would you say COVID-19 has impacted your life overall?	<p>0 = Smallest amount possible  100 = Largest amount possible  X BLANK</p>	
D320	Impact on daily life	What is the <u>biggest way</u> that COVID-19 has impacted your life? Please tell us.	open ended	
<b>Attitudes &amp; Beliefs</b>				
<u>Item #</u>	<u>Construct</u>	<u>Item</u>	<u>Response Scale</u>	<u>Notes</u>

E100	Perceived likelihood	The next few questions ask for your opinions about COVID-19. Please answer each question.  What do you think is the chance that you will get COVID-19 in the future?	1 = No chance 2 = Low chance 3 = Moderate chance 4 = High chance X BLANK	
E110	Perceived severity	How serious do you think it would be if you got COVID-19?	1 = Not at all 2 = A little 3 = Moderately 4 = Very X BLANK	
E120	Stigma	For the next few items, please imagine you were told that you had COVID-19. Say how much you agree or disagree with each item.  If I had COVID-19...  ...people would think badly of me.	<b>[IF D130=2,X]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Randomize Items E120 – E150 and Put Into Question Grid]</b>  <b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
E130	Stigma	...I would be embarrassed.	<b>[IF D130=2,X]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
E140	Stigma	...people would treat me differently.	<b>[IF D130=2,X]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
E150	Stigma	...I would not tell anyone.	<b>[IF D130=2,X]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
E160	Stigma	For the next few items, please think about when you had COVID-19. Say how much you agree or disagree with each item.  When I had COVID-19...  ...people thought badly of me.	<b>[IF D130=1]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Randomize Items E160 – E190 and Put Into Question Grid]</b>  <b>[Note to programmers: Rotate response options 1-5 half of</b>

E170	Stigma	...I was embarrassed.	<b>[IF D130=1]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK
E180	Stigma	...people treated me differently.	<b>[IF D130=1]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK
E190	Stigma	...I did not tell anyone.	<b>[IF D130=1]</b>  5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK

**Protective Behaviors**

<b>Item #</b>	<b>Construct</b>	<b>Item</b>	<b>Response Scale</b>	<b>Notes</b>
F100	Protective behaviors	The next few questions are about things people can do to help reduce the spread of COVID-19.  Please tell us how often you performed each of the behaviors <u>during the first few months of the COVID-19 pandemic (March-April 2020)</u> .  Washing your hands often for at least 20 seconds, especially after being in a public place or after blowing your nose, coughing, or sneezing.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	<b>[Note to programmers: Put Items F100-F140 Into Question Grid]</b>
F110	Protective behaviors	Using hand sanitizer that contains at least 60% alcohol.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F120	Protective behaviors	Wearing a mask or cloth face cover when going out in public.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	

F130	Protective behaviors	Social distancing (keeping about 6 feet between yourself and other people).	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F140	Protective behaviors	Self-quarantine (staying away from situations where you may be in close contact with others, such as social gatherings, work, and school).	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F150	Protective behaviors	Please tell us how often you performed each of the behaviors <u>during the last week</u> .  Washing your hands often for at least 20 seconds, especially after being in a public place or after blowing your nose, coughing, or sneezing.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	<b>[Note to programmers: Put Items F150-F190 Into Question Grid]</b>
F160	Protective behaviors	Using hand sanitizer that contains at least 60% alcohol.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F170	Protective behaviors	Wearing a mask or cloth face cover when going out in public.	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F180	Protective behaviors	Social distancing (keeping about 6 feet between yourself and other people).	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F190	Protective behaviors	Self-quarantine (staying away from situations where you may be in close contact with others, such as social gatherings, work, and school).	1 = Not at all 2 = Some days 3 = Most days 4 = Everyday X BLANK	
F200	Response efficacy	For the next few items, "protective behaviors" refer to those things people can do to help reduce the spread of COVID-19. This includes hand washing, social distancing, and self-quarantine. Please tell us how much you agree or disagree with each item.  Protective behaviors are a good way to reduce the spread of COVID-19.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Randomize Items F200 – F250 and Put Into Question Grid]</b>  <b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>

F210	Self-efficacy	I am confident I can correctly do protective behaviors.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F220	Social norms	Many people in my community are doing protective behaviors.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F230	Attitude	We need to prioritize going back to our normal routines as soon as possible instead of worrying about protective behaviors.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F240	Attitude	It should be a crime if people know they have COVID-19 and not do protective behaviors.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F250	Attitude	People who test positive for COVID-19 should be quarantined or isolated from others.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F260	Government actions	Many state governments have taken actions to help reduce the spread of COVID-19. This include stay-at-home orders, shelter-in-place orders, and closing schools. We are interested in your opinions about the government actions in your state.  I think the actions of my state government have helped reduce the spread of COVID-19.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Randomize Items F260 – F290 and Put Into Question Grid]</b>  <b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
F270	Government actions	The government in my state should be able to restrict personal rights to help reduce the spread of COVID-19.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
F280	Government actions	I trust my state government to make good decisions about reducing the spread of COVID-19.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	

F290	Government actions	My state government should prioritize the economy over trying to reduce the spread of COVID-19.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	
<b>Vaccination</b>				
<b>Item #</b>	<b>Construct</b>	<b>Item</b>	<b>Response Scale</b>	<b>Notes</b>
G100	Vaccine acceptability	<p>Scientists are currently working on a vaccine that could prevent people from getting infected with COVID-19. It is hoped that the vaccine will become available in about a year.</p> <p>For the next few questions, imagine that a COVID-19 vaccine becomes available in the next year.</p> <p>How willing would you be to get the COVID-19 vaccine if it was free or covered by health insurance?</p>	5 = Definitely willing 4 = Probably willing 3 = Not sure 2 = Probably not willing 1 = Definitely not willing X BLANK	<b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
G110	Vaccine acceptability	What is the most you would pay out of pocket to get the COVID-19 vaccine? This would be from your own money, not paid for by health insurance.	1 = \$0 2 = \$1-19 3 = \$20-49 4 = \$50-99 5 = \$100-199 6 = \$200-299 7 = \$300-399 8 = \$400 or more X BLANK	
G120	Cue to action	<p>Please continue to imagine that the COVID-19 vaccine will become available in the next year.</p> <p>Do you think your doctor or other health care provider would recommend that you get the COVID-19 vaccine?</p>	1=Yes 2=No X BLANK	
G130	Perceived barriers	If I decided to get the COVID-19 vaccine, it would be hard to find a provider or clinic that could give me the vaccine.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
G140	Perceived barriers	The COVID-19 vaccine might have side effects, like fever or soreness in the arm.	5 = Strongly agree 4 = Agree 3 = Not sure 2 = Disagree 1 = Strongly disagree X BLANK	<b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time in same order as G130]</b>

G150	Response efficacy	In your opinion, how much would the COVID-19 vaccine protect you against getting COVID-19?	1 = Not at all 2 = A little 3 = A moderate amount 4 = A lot X BLANK	
G160	Vaccination	Imagine you are considering whether or not to get the COVID-19 vaccine.  Which of the following factors would matter to you in deciding whether or not to get the COVID-19 vaccine? Move each item into the appropriate box.	1 = My age 2 = My race/ethnicity 3 = My health history (e.g., existing medical conditions) 4 = If I had recently travelled outside of the United States or was planning to do so 5 = If my health insurance covers the vaccine 6 = If a doctor recommends that I get the vaccine 7 = How well the vaccine works 8 = How long the vaccine's protection lasts 9 = Potential side effects of the vaccine (e.g., fever and soreness in the arm) 10 = The opinions of my family members and friends 11 = The number of people still getting sick with COVID-19 X BLANK	<b>[Note to programmers: Each factor shows up one at a time and then participants drag each factor into one of two "boxes". Box 1 is "factor would matter" and Box 2 is "factor would <u>not</u> matter"]</b>
G170	Vaccination	The COVID-19 vaccine would help protect the health of people who get vaccinated.  How important is it to you that getting the COVID-19 vaccine would protect your health?	5 = Extremely important 4 = Very important 3 = Fairly important 2 = Slightly important 1 = Not at all important X BLANK	<b>[Note to programmers: Randomize Items G170 – G190]</b>  <b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time using same order for G170-G190]</b>
G180	Vaccination	People who get the COVID-19 vaccine would be helping protect the health of their family members and friends. This is because vaccinated people cannot get COVID-19 and then pass it on to their family members and friends.  How important is it to you that getting the COVID-19 vaccine would protect the health of your family members and friends?	5 = Extremely important 4 = Very important 3 = Fairly important 2 = Slightly important 1 = Not at all important X BLANK	<b>[Note to programmers: Randomize Items G170 – G190]</b>  <b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time using same order for G170-G190]</b>



G190	Vaccination	<p>If most people would get the COVID-19 vaccine, it would help protect the health of our communities by preventing the spread of COVID-19 in communities.</p> <p>How important is it to you that getting the COVID-19 vaccine would protect the health of your community?</p>	<p>5 = Extremely important  4 = Very important  3 = Fairly important  2 = Slightly important  1 = Not at all important  X BLANK</p>	<p><b>[Note to programmers: Randomize Items G170 – G190]</b></p> <p><b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time using same order for G170-G190]</b></p>
G200	Clinical trials	<p>As part of making a COVID-19 vaccine, scientists will need volunteers for research studies that see if the vaccine works and is safe. These studies are called "clinical trials." Clinical trials are required before a vaccine can be given to the general public. Volunteers for clinical trials are usually healthy people from our communities.</p> <p>How willing would you be to volunteer for a clinical trial for a COVID-19 vaccine?</p> <p>This means you would get 1 or 2 shots of the vaccine free of charge. You would then get monthly check-ups at a health clinic to see if the vaccine is working (usually done through a blood test). These check-ups would go on for several months, and the vaccine may or may not work.</p>	<p>5 = Definitely willing  4 = Probably willing  3 = Not sure  2 = Probably not willing  1 = Definitely not willing  X BLANK</p>	<p><b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b></p>
G210	Clinical trials	<p>What concerns would you have about volunteering for a clinical trial for a COVID-19 vaccine? Please select all that apply.</p>	<p>1 = The vaccine might not be safe  2 = The vaccine might not work  3 = Vaccines in general are bad for you  4 = I have health problems and may not be able to volunteer  5 = I don't trust scientists  6 = People might find out that I am in the clinical trial  7 = Something else, please tell us: _____ <b>[open ended, Item #G220]</b>  8 = None  X BLANK</p>	<p><b>[Note to programmers: Randomize response options 1 through 6]</b></p> <p><b>[Note to programmers: If response option #8 is selected, do not allow other answers to be selected]</b></p>
G220	Clinical trials	Other concern description	open-ended	

<b>Additional Demographics</b>				
<u>Item #</u>	<u>Construct</u>	<u>Item</u>	<u>Response Scale</u>	<u>Notes</u>
H100	Demographics	The next few questions are about you and your health care.  What is your relationship status?	1 = Never married 2 = Married or civil union 3 = Divorced 4 = Separated 5 = Widowed 6 = Living with partner X BLANK	
H110	Demographics	What was the total combined income of your household in the past year?	1 = Less than \$20,000 2 = \$20,000 to \$49,999 3 = \$50,000 to \$89,999 4 = \$90,000 to \$119,999 5 = \$120,000 or above X BLANK	
H120	Demographics	In general, would you say your views in most political matters are...	1 = Very conservative 2 = Somewhat conservative 3 = Moderate 4 = Somewhat liberal 5 = Very liberal X BLANK	<b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
H130	Demographics	How important is religion to you?	1 = Not at all important 2 = Slightly important 3 = Fairly important 4 = Very important 5 = Extremely important X BLANK	<b>[Note to programmers: Rotate response options 1-5 half of the time and 5-1 half of the time]</b>
H140	Demographics	Which of the following best represents how you think of yourself?	1 = Straight 2 = Gay or lesbian 3 = Bisexual 4 = Queer 5 = Not sure X BLANK	
H150	Travel	Have you travelled outside the United States since January 1, 2020?	1 = Yes 2 = No X = BLANK	
H160	Insurance	Which of the following best describes your current health insurance situation?	1 = I have no health insurance 2 = I have insurance through work 3 = I am covered by my spouse's or other family member's insurance 4 = I have insurance through school 5 = I buy private insurance myself 6 = I am covered through governmental insurance (e.g., Medicaid, Medicare) 8 = I don't know X BLANK	

H170	Height	How tall are you without shoes?	____ feet ____ inches X = BLANK	
H180	Weight	How much do you weigh without shoes?	____ pounds X = BLANK	
H190	Underlying conditions	Have you ever been told by a doctor or other health care provider that you have any of these health conditions? Please select all that apply.	1 = Diabetes 2 = Hypertension (high blood pressure) 3 = Asthma 4 = Serious heart conditions 5 = Chronic lung disease 6 = Chronic kidney disease 7 = Liver disease 8 = Weakened immune system (immunocompromised) 9 = None of these X BLANK	<b>[Note to programmers: If response option #9 is selected, do not allow other answers to be selected]</b>
<b>Intervention Preferences</b>				
<b>Item #</b>	<b>Construct</b>	<b>Item</b>	<b>Response Scale</b>	<b>Notes</b>
H210	Intervention Preferences	We are interested in your opinions about how to best educate people about COVID-19. The last few questions ask for your opinions on this topic.  How would people your age want to receive information about COVID-19? Please select all that apply.	1 = Website 2 = Smartphone app 3 = Email 4 = Text messages 5 = Telephone call with a health educator 6 = DVD sent through the mail 7 = Brochure sent through the mail 8 = In-person with a health educator 9 = Video chat (e.g., Zoom or Skype) with a health educator 10 = Some other way, please tell us: _____ 11 = None of these X BLANK	<b>[Note to programmers: If response option #11 is selected, do not allow other answers to be selected]</b>
H220	Intervention Preferences	What information would be important to include about COVID-19? Check all that apply.	1 = What it is 2 = How common it is 3 = Its symptoms and outcomes 4 = How it is passed from person to person 5 = How to reduce the chances of getting it 6 = How to get tested 7 = Treatment options for people who get it 8 = How to take care of someone with it 9 = Something else, please tell us: _____ X BLANK	

H230	Intervention Preferences	There are a lot of ways to present information about health. What would be a good way to present information about COVID-19? Please select all that apply.	1 = In a fact sheet 2 = Through a question and answer format 3 = By having people share their experiences with COVID-19 4 = An interactive program that would help people learn 5 = Some other way, please tell us: _____ X BLANK
H240	Intervention Preferences	Some health materials show pictures or videos of people along with the information.  Which types of people would be good to include in materials about COVID-19? Check all that apply.	1 = Doctor 2 = Nurse 3 = Scientist 4 = People from the community 5 = Someone who has had COVID-19 6 = A caregiver of someone who had COVID-19 X BLANK
Closing Statement		That completes the survey. Thank you for your valuable time!	

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Items from the following sources were used or modified for use in our survey:

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