

**2021 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL**  
**WAVE 94 August 2021**  
**SCIENCE TOPLINE**  
**August 23-29, 2021**  
**TOTAL N=10,348**

**ASK ALL:**

COVIDEGFP How would you rate the job each of the following is doing responding to the coronavirus outbreak? **[RANDOMIZE]**

	<u>Excellent</u>	<u>Good</u>	<u>Only fair</u>	<u>Poor</u>	<u>No answer</u>
a. Joe Biden					
Aug 23-29, 2021	14	33	23	29	1
Feb 16-21, 2021	22	32	20	24	1
b. Your state elected officials					
Aug 23-29, 2021	11	39	29	20	1
Feb 16-21, 2021	11	39	31	19	1
Nov 18-29, 2020	15	38	27	19	1
July 27-Aug 2, 2020	16	39	26	18	<1
Apr 29-May 5, 2020	21	41	25	13	<1
Mar 19-24, 2020	21	49	22	8	1
c. Your local elected officials					
Aug 23-29, 2021	10	46	30	13	1
Feb 16-21, 2021	10	44	31	13	1
Nov 18-29, 2020	14	44	28	14	1
July 27-Aug 2, 2020	13	47	27	12	1
Apr 29-May 5, 2020	17	47	27	9	1
Mar 19-24, 2020	17	52	22	7	1
d. Public health officials such as those at the CDC (Centers for Disease Control and Prevention)					
Aug 23-29, 2021	17	43	24	16	1
Feb 16-21, 2021	16	46	25	12	<1
Nov 18-29, 2020	22	45	24	9	<1
July 27-Aug 2, 2020	16	47	25	11	<1
Apr 29-May 5, 2020	24	48	21	7	1
Mar 19-24, 2020	30	49	17	4	<1
<b>NO ITEMS E-F</b>					
g. Hospitals and medical centers in your area					
Aug 23-29, 2021	39	46	11	3	1
Feb 16-21, 2021	36	49	11	3	1
Nov 18-29, 2020	45	42	9	3	<1
July 27-Aug 2, 2020	43	45	9	3	1
Apr 29-May 5, 2020	47	42	8	3	1

**ASK ALL:**COVIDTHREAT How much of a threat, if any, is the coronavirus outbreak for... **[RANDOMIZE]**

	A major <u>threat</u>	A minor <u>threat</u>	Not a <u>threat</u>	<u>No answer</u>
a. The health of the U.S. population as a whole				
Aug 23-29, 2021	61	33	6	<1
Feb 16-21, 2021	63	31	5	<1
Nov 18-29, 2020	65	29	5	<1
Jul 13-19, 2020	67	28	5	<1
Apr 29-May 5, 2020	64	31	4	<1
Mar 19-24, 2020	66	31	2	<1
Mar 10-16, 2020	47	45	8	<1
b. Your personal health				
Aug 23-29, 2021	31	50	19	<1
Feb 16-21, 2021	31	52	17	<1
Nov 18-29, 2020	39	46	14	<1
Jul 13-19, 2020	40	46	13	<1
Apr 29-May 5, 2020	38	47	14	<1
Mar 19-24, 2020	36	52	11	<1
Mar 10-16, 2020	27	51	22	<1
c. The U.S. economy				
Aug 23-29, 2021	72	24	3	1
Feb 16-21, 2021	81	16	3	<1
Nov 18-29, 2020	84	13	3	<1
Jul 13-19, 2020	86	12	2	<1
Apr 29-May 5, 2020	88	10	2	<1
Mar 19-24, 2020	88	10	1	<1
Mar 10-16, 2020	70	25	4	1
d. Your personal financial situation				
Aug 23-29, 2021	29	46	25	<1
Feb 16-21, 2021	30	46	24	<1
Nov 18-29, 2020	38	42	20	<1
Jul 13-19, 2020	38	43	19	<1
Apr 29-May 5, 2020	41	42	17	<1
Mar 19-24, 2020	49	40	11	<1
Mar 10-16, 2020	34	43	23	<1

**ASK ALL:**COVID\_FUT Thinking about the problems the country is facing from the coronavirus outbreak, do you think...? **[RANDOMIZE]**

	The worst is <u>behind us</u>	The worst is still <u>to come</u>	<u>No answer</u>
Aug 23-29, 2021	45	54	1
Nov 18-29, 2020	28	71	1
June 16-22, 2020	40	59	1
Apr 7-12, 2020	26	73	1

**ASK ALL:**

RSTIMP

Thinking about the period of time since February 2020 and restrictions on public activity in the U.S. due to the coronavirus outbreak...

How much, if at all, do you think restrictions on public activity have... **[RANDOMIZE ITEMS]**

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>No answer</u>
a. Helped to slow the spread of the coronavirus Aug 23-29, 2021	31	41	20	8	<1
b. Hurt businesses and economic activity Aug 23-29, 2021	69	26	4	1	<1
c. Kept people from living their lives the way they want Aug 23-29, 2021	58	31	8	2	<1
d. Helped prevent hospitalizations and deaths from the coronavirus Aug 23-29, 2021	32	41	19	7	<1

**ASK ALL:**

RSTWRTH

Which better describes how you feel about restrictions on public activity to slow the spread of the coronavirus in the U.S.? **[RANDOMIZE RESPONSE OPTIONS]**Aug 23-29  
2021

62	The public health benefits of the restrictions have been worth the costs
37	The public health benefits of the restrictions have NOT been worth the costs
1	No answer

**ASK FORM 1 ONLY:**

VAXPASS As part of efforts to slow the spread of the coronavirus, would you favor or oppose requiring adults in the U.S. to show proof of COVID-19 vaccination before being allowed to do each of the following? **[RANDOMIZE ITEMS] [N=5,160]**

	<u>Favor</u>	<u>Oppose</u>	<u>No answer</u>
a. Travel by airplane			
Aug 23-29, 2021	61	38	<1
b. Go to a sporting event or concert			
Aug 23-29, 2021	56	44	<1
c. Attend public colleges and universities in person			
Aug 23-29, 2021	57	42	<1
d. Eat inside of a restaurant			
Aug 23-29, 2021	50	50	<1
e. Shop inside stores and businesses			
Aug 23-29, 2021	45	54	1

**ASK FORM 2 ONLY:**

COVID\_RESTRICTION Thinking about policies in place in some areas to address the coronavirus outbreak, in general do you think each of the following is necessary or unnecessary? **[RANDOMIZE ITEMS] [N=5,188]**

	<u>Necessary</u>	<u>Unnecessary</u>	<u>No answer</u>
a. Restricting international travel to the U.S.			
Aug 23-29, 2021	79	20	1
Feb 16-21, 2021	79	20	1

**NO ITEM B**

c. Asking people to avoid gathering in large groups			
Aug 23-29, 2021	73	27	<1
Feb 16-21, 2021	76	24	<1

**NO ITEM D**

e. Closing K-12 schools for in-person learning			
Aug 23-29, 2021	48	51	1
Feb 16-21, 2021	47	52	1
f. Limiting restaurants to carry-out only			
Aug 23-29, 2021	50	50	1
Feb 16-21, 2021	50	50	1

**COVID\_RESTRICTION  
CONTINUED...**

**NO ITEM G**

	<u>Necessary</u>	<u>Unnecessary</u>	<u>No answer</u>
h. Requiring masks or face coverings for travelers on airplanes and public transportation			
Aug 23-29, 2021	80	19	<1
Feb 16-21, 2021	85	15	<1

**TREND FOR COMPARISON**

COVID\_RESTRICTION Thinking about some steps that have been announced in some areas to address the coronavirus outbreak, in general do you think each of the following have been necessary or unnecessary? **[RANDOMIZE ITEMS]**

	<u>Necessary</u>	<u>Unnecessary</u>	<u>No answer</u>
a. <i>Restricting international travel to the U.S.</i>			
Mar 19-24, 2020	95	5	<1
c. <i>Asking people to avoid gathering in groups of more than ten</i>			
Mar 19-24, 2020	87	12	<1
e. <i>Closing K-12 schools</i>			
Mar 19-24, 2020	90	10	<1
f. <i>Limiting restaurants to carry-out only</i>			
Mar 19-24, 2020	85	14	<1

**ASK ALL:**

COVID\_INFECT How concerned, if at all, are you that... **[RANDOMIZE ITEMS]**

	<u>Very concerned</u>	<u>Somewhat concerned</u>	<u>Not too concerned</u>	<u>Not at all concerned</u>	<u>No answer</u>
a. You might spread the coronavirus to other people without knowing that you have it					
Aug 23-29, 2021	27	32	26	15	<1
Feb 16-21, 2021	30	31	25	14	<1
Nov 18-29, 2020	32	32	23	13	<1
June 16-22, 2020	30	32	23	14	<1
Apr 7-12, 2020	33	34	22	11	1
b. You will get the coronavirus and require hospitalization					
Aug 23-29, 2021	19	26	36	19	<1
Feb 16-21, 2021	21	27	31	20	<1
Nov 18-29, 2020	23	30	30	17	<1
June 16-22, 2020	24	27	32	17	<1
Apr 7-12, 2020	24	31	32	13	<1

**ASK ALL:**

CVDREC

As you may know, public health officials have changed their recommendations about how to slow the spread of the coronavirus in the U.S. since the start of the outbreak.

Have you had any of the following reactions to these changes? **[RANDOMIZE ITEMS]**

	Yes, I have had this <u>reaction</u>	No, I have not had this reaction	<u>No answer</u>
a. It made sense because scientific knowledge is always being updated Aug 23-29, 2021	61	38	1
b. It made me feel confused Aug 23-29, 2021	53	46	1
c. It made me wonder if public health officials were holding back important information Aug 23-29, 2021	55	44	1
d. It made me less confident in public health officials' recommendations Aug 23-29, 2021	51	48	1
e. It reassured me that public health officials are staying on top of new information Aug 23-29, 2021	51	48	1

**ASK ALL:**

COVIDMASK1

In the past month, how often, if ever, have you worn a mask or face covering when in stores or other businesses?

	All or most of the time	Some of the time	Hardly ever	Never	Have not gone to these types of places	No answer
Aug 23-29, 2021	53	21	14	11	1	<1
Feb 16-21, 2021	88	6	3	1	2	<1
Nov 18-29, 2020	87	7	4	2	1	<1
Aug 3-16, 2020	85	9	3	1	1	<1
June 4-10, 2020	65	15	9	7	4	<1

**ASK ALL:**

COVID\_VAXDMOD Have you received a vaccine to prevent COVID-19?

	NET Have received at least one dose of a <u>vaccine</u>	Yes, have had all the shots needed to be fully <u>vaccinated</u>	Yes, have had one shot but still need <u>one more</u>	No, have not received a <u>vaccine</u>	<u>No answer</u>
Aug 23-29, 2021	73	69	4	26	1
Jun 14-27, 2021	67	63	4	31	2
Feb 16-21, 2021	19	--	--	80	<1

**ASK IF HAVE NOT RECEIVED VACCINE OR NO ANSWER [N=2,149]:**COVID\_SCI6E Thinking about vaccines to prevent COVID-19, do you think you will...<sup>1</sup>**BASED ON TOTAL:**

	NET Have received at least one dose of a <u>vaccine</u>	No, have not received a <u>vaccine</u>	Definitely get a <u>vaccine</u>	Probably get a <u>vaccine</u>	Probably NOT get a <u>vaccine</u>	Definitely NOT get a <u>vaccine</u>	<u>No answer</u>
Aug 23-29, 2021	73	26	1	5	8	12	1
Jun 14-27, 2021	67	31	--	--	--	--	--
Feb 16-21, 2021	19	80	32	17	15	15	1
Nov 18-29, 2020	--	--	29	31	21	18	1
Sept 8-13, 2020	--	--	21	30	25	24	<1
Apr 29-May 5, 2020	--	--	42	30	16	11	1

**ASK IF HAVE RECEIVED AT LEAST ONE DOSE OF VACCINE (COVID\_VAXDMOD=1,2)[N=8,199]:**

VAXBOOST If public health officials recommend an additional dose of a COVID-19 vaccine (sometimes called a booster shot), would you...

**BASED ON ALL ASKED [N=8,199]:**

Aug 23-29 <u>2021</u>	
84	Probably get a vaccine booster
14	Probably NOT get a vaccine booster
1	No answer

<sup>1</sup> Prior to the Feb 16-21, 2021 survey, the question wording was, "If a vaccine to prevent COVID-19 were available today, would you..."

**ASK ALL:**

VACCNFDT How much confidence, if any, do you have that the research and development process has produced COVID-19 vaccines in the U.S. that are safe and effective?<sup>2</sup>

	<u>A great deal of confidence</u>	<u>A fair amount of confidence</u>	<u>Not too much confidence</u>	<u>No confidence at all</u>	<u>No answer</u>
Aug 23-29, 2021	39	33	15	12	<1
Feb 16-21, 2021	33	40	19	8	<1
Nov 18-29, 2020	30	45	17	8	<1
Sept 8-13, 2020	19	45	25	10	<1

**ASK ALL:**

CVDVIEWS How well does each of the following statements describe your views about COVID-19 vaccines? **[RANDOMIZE ORDER OF SCREEN 1 AND SCREEN 2; RANDOMIZE ITEMS ON EACH SCREEN]**

	<u>Very well</u>	<u>Somewhat well</u>	<u>Not too well</u>	<u>Not at all well</u>	<u>No answer</u>
a. Vaccines are the best way to protect Americans from COVID-19 Aug 23-29, 2021	47	26	14	13	1
b. It's hard to make sense of all the information about COVID-19 vaccines Aug 23-29, 2021	22	34	24	20	1
c. We don't really know yet if there are serious health risks from COVID-19 vaccines Aug 23-29, 2021	29	31	24	15	1
d. People who choose not to get a COVID-19 vaccine are hurting the country Aug 23-29, 2021	39	21	14	25	<1
e. There's too much pressure on Americans to get a COVID-19 vaccine Aug 23-29, 2021	30	21	19	30	<1
f. Public health officials are not telling us everything they know about COVID-19 vaccines Aug 23-29, 2021	26	28	22	23	1

<sup>2</sup> Prior to the Feb 16-21, 2021 survey, the question wording was, "How much confidence, if any, do you have that the research and development process will produce a vaccine for COVID-19 in the U.S. that is safe and effective?"



**ASK ALL:**

VAX\_SOCIAL Would you say that your close friends and family have... **[RANDOMIZE RESPONSE OPTIONS 1 & 2, WITH 3 & 4 ALWAYS LAST]**

Aug 23-29

2021

46	Mostly encouraged you to get a coronavirus vaccine
5	Mostly discouraged you from getting a coronavirus vaccine
32	Been mixed, with some who encouraged you and some who discouraged you from getting a coronavirus vaccine
16	Not said much about coronavirus vaccines
<1	No answer

**ASK ALL:**

JOBVAX Do you think most businesses in the U.S. should...

Aug 23-29

2021

39	Require employees to get a COVID-19 vaccine
35	Encourage employees to get a COVID-19 vaccine, but not require it
25	Neither require nor encourage employees to get a COVID-19 vaccine
1	No answer

**ASK ALL:**

GLBVAX1 As far as you know, which of the following best describes the current situation for adults living in developing countries around the world?

If they want a COVID-19 vaccine...

Aug 23-29

2021

26	Most adults in developing countries can get a COVID-19 vaccine
17	About half of adults in developing countries can get a COVID-19 vaccine
26	Very few adults in developing countries can get a COVID-19 vaccine
32	Not sure
<1	No answer

**ASK ALL:**

GLBVAX2 How much of a priority should it be for the U.S. to provide large numbers of COVID-19 vaccines to developing countries around the world?

Aug 23-29

2021

26	A top priority
49	An important, but not a top priority
14	A lower priority
9	Should not be done
1	No answer

**ASK IF AT LEAST A LOWER PRIORITY (GLBVAX2=1,2,3) [N=9,438]:**

GLBVAX3 Which of these is the MAIN REASON you think the U.S. should provide large numbers of COVID-19 vaccines to developing countries around the world? **[RANDOMIZE RESPONSE OPTIONS 1 & 2, WITH OPTION 3 ALWAYS LAST]**

**BASED ON ALL ASKED [N=9,438]:**

Aug 23-29

2021

72	It will reduce the risk of new coronavirus variants spreading to the U.S.
17	The U.S. has an obligation to help people around the world get vaccinated
9	Another reason, specify: _____
2	No answer

**ASK ALL:**

SCM3 Which of these statements comes closer to your own view, even if neither is exactly right? **[RANDOMIZE]**

Aug 23-29

2021

54	Scientists make judgments based solely on the facts
45	Scientists' judgments are just as likely to be biased as other people's
2	No answer

Jan 7-21

2019

55
44
1

**ASK ALL:**

KNOW14 Based on what you have heard or read, which of the following statements best describes the scientific method? **[RANDOMIZE OPTIONS 1-2]**

	The scientific method produces findings meant to be continually tested and updated over <u>time</u>	NET Incorrect/Not sure/No <u>answer</u>	The scientific method identifies unchanging core principles and truths	<u>Not sure</u>	<u>No answer</u>
Aug 23-29, 2021	71	29	9	20	1
Nov 18-29, 2020	66	34	10	23	1
Jan 7-21, 2019	67	33	15	17	1

**ASK IF DID NOT RESPOND YES IN W83 OR W79 OR W72 OR W67 OR W65 (XKNOWPAT=1):**

COVID\_KNOWPATIENTb Do you personally know someone who has been hospitalized or died as a result of having COVID-19?

**BASED ON TOTAL:**

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
Aug 23-29, 2021	72	28	<1
Feb 16-21, 2021	67	33	<1
Nov 18-29, 2020	54	46	<1
Aug 3-16, 2020	39	61	<1
Apr 29-May 5, 2020	20	80	<1
Apr 7-12, 2020	15	85	<1

**ASK ALL:**

COVID\_SELF Since February 2020, have you done or experienced the following?<sup>3 4</sup>

	<u>Yes, I have</u>	<u>No, I have not</u>	<u>No answer</u>
<b>NO ITEM A</b>			
b. Been pretty sure you have had COVID-19 even though you have not been officially diagnosed			
Aug 23-29, 2021	24	75	1
Feb 16-21, 2021	21	79	1
Aug 3-16, 2020	13	87	<1
Apr 29-May 5, 2020	14	85	1
c. Tested positive for having COVID-19			
Aug 23-29, 2021	13	86	1
Feb 16-21, 2021	9	91	1
Aug 3-16, 2020	2	97	<1

**NO ITEMS D-E**

<sup>3</sup> In the April 29-May 5, 2020 survey, the question wording was, "Thinking about the past few months, since FEBRUARY 2020, have you done or experienced the following?"

<sup>4</sup> For surveys from February 2021 and earlier, question also asked if respondents had tested positive for COVID-19 antibodies.

COVID\_SELF COMBO TABLE<sup>5</sup>

## BASED ON TOTAL:

	NET At least "pretty sure" (Been pretty sure you have had COVID-19 even though you have not been officially diagnosed OR Tested positive for <u>having COVID-19</u> )	Tested positive for <u>having COVID-19</u>	Been pretty sure you have had COVID-19 even though you have not been officially diagnosed (and did NOT test <u>positive</u> )	No or No answer to all COVID_SELF
Aug 23-29, 2021	30	13	24	70
Feb 16-21, 2021	25	11	14	75
Aug 3-16, 2020	14	3	11	86

<sup>5</sup> For surveys from February 2021 and earlier, the figures for "NET At least 'pretty sure'" and "Tested positive" included respondents who said they tested positive for COVID-19 antibodies.