

Topline

# KFF COVID-19 Vaccine Monitor

## September 2021

**KFF**

## METHODOLOGY

This *KFF COVID-19 Vaccine Monitor* was designed and analyzed by public opinion researchers at the Kaiser Family Foundation (KFF). The survey was conducted September 13-22, 2021, among a nationally representative random digit dial telephone sample of 1,519 adults ages 18 and older (including interviews from 339 Hispanic adults and 306 non-Hispanic Black adults), living in the United States, including Alaska and Hawaii (note: persons without a telephone could not be included in the random selection process). Phone numbers used for this study were randomly generated from cell phone and landline sampling frames, with an overlapping frame design, and disproportionate stratification aimed at reaching Hispanic and non-Hispanic Black respondents as well as those living in areas with high rates of COVID-19 vaccine hesitancy. Stratification was based on incidence of the race/ethnicity subgroups and vaccine hesitancy within each frame. High hesitancy was defined as living in the top 25% of counties as far as the share of the population not intending to get vaccinated based on the U.S. Census Bureau's Household Pulse Survey. The sample also included 30 respondents reached by calling back respondents that had previously completed an interview on the KFF Tracking poll at least six months ago. Another 123 interviews were completed with respondents who had previously completed an interview on the SSRS Omnibus poll (and other RDD polls) and identified as Hispanic ( $n=64$ ; including 4 in Spanish) or non-Hispanic Black ( $n=59$ ). Computer-assisted telephone interviews conducted by landline (171) and cell phone (1,348, including 1,007 who had no landline telephone) were carried out in English and Spanish by SSRS of Glen Mills, PA. To efficiently obtain a sample of lower-income and non-White respondents, the sample also included an oversample of prepaid (pay-as-you-go) telephone numbers (25% of the cell phone sample consisted of prepaid numbers) Both the random digit dial landline and cell phone samples were provided by Marketing Systems Group (MSG). For the landline sample, respondents were selected by asking for the youngest adult male or female currently at home based on a random rotation. If no one of that gender was available, interviewers asked to speak with the youngest adult of the opposite gender. For the cell phone sample, interviews were conducted with the adult who answered the phone. KFF paid for all costs associated with the survey.

The combined landline and cell phone sample was weighted to balance the sample demographics to match estimates for the national population using data from the Census Bureau's 2019 U.S. American Community Survey (ACS), on sex, age, education, race, Hispanic origin, and region, within race-groups, along with data from the 2010 Census on population density. The sample was also weighted to match current patterns of telephone use using data from the July-December 2020 National Health Interview Survey. The weight takes into account the fact that respondents with both a landline and cell phone have a higher probability of selection in the combined sample and also adjusts for the household size for the landline sample, and design modifications, namely, the oversampling of potentially undocumented respondents and of prepaid cell phone numbers, as well as the likelihood of non-response for the re-contacted sample. All statistical tests of significance account for the effect of weighting.

The margin of sampling error including the design effect for the full sample is plus or minus 3 percentage points. Numbers of respondents and margins of sampling error for key subgroups are shown in the table below. For results based on other subgroups, the margin of sampling error may be higher. Sample sizes and margins of sampling error for other subgroups are available by request. Sampling error is only one of many potential sources of error and there may be other unmeasured error in this or any other public opinion poll. Kaiser Family Foundation public opinion and survey research is a charter member of the [Transparency Initiative of the American Association for Public Opinion Research](#).

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Group	N (unweighted)	M.O.S.E.
Total	1,519	± 3 percentage points
<b>COVID-19 Vaccination Status</b>		
Have gotten at least one dose of the COVID-19 vaccine	1,102	± 4 percentage points
Have not gotten the COVID-19 vaccine	379	± 6 percentage points
<b>Race/Ethnicity</b>		
White, non-Hispanic	766	± 4 percentage points
Black, non-Hispanic	306	± 7 percentage points
Hispanic	339	± 7 percentage points
<b>Party Identification</b>		
Democrats	458	± 6 percentage points
Republicans	345	± 6 percentage points
Independents	489	± 5 percentage points

Notes for reading the topline:

- Percentages may not always add up to 100 percent due to rounding.
- Values less than 0.5 percent are indicated by an asterisk (\*).
- "Vol." indicates a response was volunteered by the respondent, not offered as an explicit choice
- Questions are presented in the order asked; question numbers may not be sequential.

All trends shown in this document come from KFF COVID-19 Vaccine Monitors.

AGE. What is your age?

AGE2. (ASK IF DON'T KNOW OR REFUSED AGE) Could you please tell me if you are between the ages of... (READ LIST)

RECA2 VARIABLE

	9/21
18-29	22
30-49	33
50-64	24
65+	21
Don't know/Refused (NET)	1

HISPANIC. Are you, yourself, of Hispanic or Latino background, such as Mexican, Puerto Rican, Cuban, or some other Spanish background?

	9/21
Yes	16
No	83
Don't know	*
Refused	*

RACE. What is your race? Are you white, Black, Asian or some other race? (IF RESPONDENT SAYS HISPANIC ASK: Do you consider yourself a white Hispanic or a Black Hispanic? CODE AS WHITE (1) OR BLACK (2). IF RESPONDENTS REFUSED TO PICK WHITE OR BLACK HISPANIC, RECORD HISPANIC AS "OTHER," CODE 97)

Race/Hispanic Combo Table

*Based on total*

	9/21
White, non-Hispanic	61
Total non-White	39
Black or African-American, non-Hispanic	12
Hispanic	16
Asian, non-Hispanic	4
Other/Mixed race, non-Hispanic	4
Undesignated	2

NATIVITY. Were you born in the United States, on the island of Puerto Rico, or in another country?

*Based on Hispanic adults*

	9/21
U.S.	51
Puerto Rico	2
Another country	46
Don't know	*
Refused	1
	<i>n=339</i>

Q1. Thinking about what is said in the news, in your view is the seriousness of coronavirus (generally exaggerated), generally correct, or is it (generally underestimated)? (rotate text in parentheses)

	Generally exaggerated	Generally correct	Generally underestimated	Don't know	Refused	
9/21	32	40	21	6	1	<i>n</i> =1,519
7/21	30	43	20	6	1	<i>n</i> =1,517
6/21	34	45	16	4	1	<i>n</i> =1,888
5/21	36	40	21	3	*	<i>n</i> =1,526
4/21	34	44	19	3	*	<i>n</i> =2,097
3/21	32	42	22	3	*	<i>n</i> =1,826
2/21	31	41	27	1	*	<i>n</i> =1,874
1/21	28	47	22	3	1	<i>n</i> =1,563
12/20	35	36	25	3	1	<i>n</i> =1,676

Q2. Which do you think is more likely? (COVID-19 will continue at a lower level and be something the U.S. will learn to live with and manage with medical treatments and vaccines, like the seasonal flu), or (COVID-19 will be largely eliminated in the U.S. like polio)? (rotate text in parentheses)

	9/21
COVID-19 will continue at a lower level and be something the U.S. will learn to live with and manage with medical treatments and vaccines, like the seasonal flu	79
COVID-19 will be largely eliminated in the U.S. like polio	14
Don't know	5
Refused	1

Q2a. If COVID-19 remains present in the U.S. at a much lower level than today and is managed like the seasonal flu, with annual vaccinations, treatments for those who get sick, most people able to return to normal activities, but some people still getting sick and dying every year, how would you feel about this outcome? Would you feel... (rotate 1-4/4-1)

	9/21
Enthusiastic/Satisfied, but not enthusiastic (NET)	41
Enthusiastic	5
Satisfied, but not enthusiastic	36
Dissatisfied, but not angry/Angry (NET)	50
Dissatisfied, but not angry	35
Angry	15
Don't know	7
Refused	1

Q4. Has the U.S. response to the COVID-19 pandemic (increased) or (decreased) your trust in the federal government or has it made no difference? GET ANSWER THEN ASK: Did it (increase/decrease) a lot or a little? (rotate text in parentheses)

	9/21
Increased (NET)	15
Increased a lot	8
Increased a little	7
Decreased (NET)	42
Decreased a lot	31
Decreased a little	12
Has made no difference	40
Don't know/Refused	2

CHILD. Are you the parent or guardian of any child under the age of 18 living in your household?

	9/21
Yes	29
No	71
Don't know/Refused (NET)	1
Don't know	-
Refused	1

CHILDAGE2. How many of your children are (INSERT ITEM)?

*Based on those who are a parent or guardian of child under 18*

	0/None	At least one child (NET)	1	2 or more	Don't know/Refused	
a. under the age of 5						
9/21	61	39	26	13	-	n=414
b. between the ages of 5 and 11						
9/21	47	52	37	15	1	n=414
c. between the ages of 12 and 17						
9/21	46	53	34	20	1	n=414

Q3. How worried, if at all, are you that (INSERT ITEM) will get seriously sick from the coronavirus? Are you very worried, somewhat worried, not too worried, or not at all worried?

*Item b based on those who are a parent or guardian of child under 18*

	Very/ Somewhat worried (NET)	Very worried	Somewhat worried	Not too/Not at all worried (NET)	Not too worried	Not at all worried	They/ a family member has already gotten sick from coronavir us (Vol.)	Don't know/ Refused	
a. You, personally									
09/21	38	12	26	58	28	30	4	*	n=1,519
07/21	34	12	22	65	33	32	-	1	n=1,517
06/21	23	8	15	74	33	41	-	2	n=1,888
05/21	30	13	17	67	27	41	-	2	n=1,526
b. your child									
09/21	57	27	30	41	18	23	2	*	n=414
06/21	37	21	16	62	26	36	1	*	n=453
05/21	49	31	18	50	21	29	1	-	n=357
c. someone else in your family									
09/21	62	30	33	35	19	16	2	1	n=1,519
06/21	47	19	28	51	24	26	2	*	n=1,888
05/21	56	28	28	43	23	20	1	*	n=1,526

Q6. For each of the following, please tell me if you think it is a major reason, minor reason, or not a reason for the current high number of COVID-19 cases in the U.S. First, how about (INSERT FIRST ITEM)? Is this a major reason, minor reason, or not a reason for the high number of COVID-19 cases in the U.S.? How about (INSERT NEXT ITEM)? (READ IF NECESSARY: Is this a major reason, minor reason, or not a reason for the high number of COVID-19 cases in the U.S.?) (scramble a-g)

	Major or minor reason (NET)	Major reason	Minor reason	Not a reason	Don't know/Refused
a. Too many people are refusing to get the COVID-19 vaccine 09/21	77	58	19	21	2
b. Children who are not eligible for vaccination are spreading COVID-19 09/21	68	29	39	29	3
c. People are not taking enough precautions like wearing masks and social distancing 09/21	83	62	21	16	1
d. The vaccines are not as effective at preventing the spread of COVID-19 as scientists initially thought they would be 9/21	68	32	36	27	5
e. The Delta variant is more infectious 9/21	81	58	23	11	7
f. Immigrants and tourists are bringing COVID-19 into the U.S. 9/21	70	37	34	27	3
g. Local and state governments have lifted mask mandates and social distancing restrictions too soon 9/21	73	50	24	25	2

Q35. Thinking about the current state of the COVID-19 pandemic in the U.S., would you say you feel angry towards (INSERT), or not? (scramble a-b)

	Yes, feel angry	No, do not feel angry	Don't know/Refused
a. The federal government 9/21	38	60	3
b. People who have not gotten a COVID-19 vaccine 9/21	38	61	1

Q36. Which are you MORE angry at, (the federal government) or (people who have not gotten a COVID-19 vaccine)?

*Asked of those who are angry at both the federal government and people who have not gotten a COVID-19 vaccine (sample size too small to report)*

Q35/Q36 Combo table

*Based on total*

	9/21
Only angry or more angry at the federal government (NET)	31
Only angry at the federal government	28
More angry at the federal government	3
Only angry or more angry at people who have not gotten a COVID-19 vaccine	34
Only angry at people who have not gotten a COVID-19 vaccine	28
More angry at people who have not gotten a COVID-19 vaccine	6
Not angry at the federal government nor people who have not gotten a COVID-19 vaccine	*
Don't know/Refused	34
	<i>n=1,514</i>

VACC1. Have you personally received the COVID-19 vaccine, or not? IF YES ASK: Did you receive a single-dose vaccine, the first of two doses, or have you gotten both doses of a two-dose vaccine?

	9/21 <sup>1</sup>	7/21	6/21	5/21	4/21	3/21	2/21 <sup>2</sup>	1/21 <sup>3</sup>
Yes (NET)	72	67	65	62	56	32	18	6
Yes, got one-dose vaccine	6	6	5	7	6	4	-	-
Yes, got first dose of two-dose vaccine	6	4	5	6	13	13	9	-
Yes, got both doses of a two-dose vaccine	60	57	56	49	37	15	9	-
Got fully vaccinated plus a booster shot/additional dose (Vol.)	1	-	-	-	-	-	-	-
No, have not gotten the vaccine	25	31	33	37	43	68	82	94
Don't know	*	*	*	*	*	*	-	*
Refused	3	1	1	1	1	*	*	*
	<i>n=1,519</i>	<i>n=1,517</i>	<i>n=1,888</i>	<i>n=1,526</i>	<i>n=2,097</i>	<i>n=1,862</i>	<i>n=1,874</i>	<i>n=1,563</i>

VACHES. As you may know, an FDA-authorized vaccine for COVID-19 is now available for free to all adults in the U.S. Do you think you will...? (READ LIST) (rotate 1-4,4-1)

*Based on those who have not gotten the COVID-19 vaccine*

	9/21	7/21	6/21	5/21	4/21 <sup>4</sup>	3/21	2/21	1/21	12/20 <sup>5</sup>
As soon as you can/Wait and see (NET)	33	41	40	42	55	69	72	77	73
Get the vaccine as soon as you can	6	10	9	10	20	44	46	44	34
Wait until it has been available for a while to see how it is working for other people	27	31	32	32	35	25	27	34	39

<sup>1</sup> September 2021: Voluntary response option for "Got fully vaccinated plus a booster shot/additional dose" was offered.

<sup>2</sup> February 2021 question wording: "Have you personally received the COVID-19 vaccine, or not? IF YES ASK: Did you receive a single dose or have you received both doses of the vaccine?"

<sup>3</sup> January 2021 question wording: "Have you personally received at least one dose of the COVID-19 vaccine, or not?"

<sup>4</sup> January 2021-March 2021 question wording: "When an FDA approved vaccine for COVID-19 is available to you for free, do you think you will...?"

<sup>5</sup> December 2020 question wording: "When a vaccine for COVID-19 is approved by the FDA and widely available to anyone who wants it, do you think you will...?"

Only if required/Definitely not (NET)	63	56	58	56	43	29	26	21	24
Only get the vaccine if you are required to do so for work, school, or other activities	14	9	17	20	14	10	8	7	9
Definitely not get the vaccine	49	46	41	36	29	19	18	14	15
Don't know	3	2	1	1	2	2	1	1	2
Refused	1	1	*	1	*	*	*	*	*
	<i>n=379</i>	<i>n=482</i>	<i>n=572</i>	<i>n=500</i>	<i>n=893</i>	<i>n=1,103</i>	<i>n=1,481</i>	<i>n=1,454</i>	<i>n=1,676</i>

VACC1/VACHES Combo table

*Based on total*

	9/21	7/21	6/21	5/21	4/21	3/21	2/21	1/21	12/20
Received at least one dose/Get it as soon as you can (NET)	74	70	68	66	64	61	55	47	34
Received at least one dose of the COVID-19 vaccine	72	67	65	62	56	32	18	6	--
Get vaccine as soon as you can	2	3	3	4	9	30	37	41	34
Wait until it has been available for a while to see how it is working for other people	7	10	10	12	15	17	22	31	39
Only if required/Definitely not (NET)	16	17	19	20	19	20	22	20	24
Only get the vaccine if you are required to do so for work, school, or other activities	4	3	6	7	6	7	7	7	9
Definitely not get the vaccine	12	14	14	13	13	13	15	13	15
Don't know/Refused	4	3	2	2	2	2	1	1	3
	<i>n=1,519</i>	<i>n=1,517</i>	<i>n=1,888</i>	<i>n=1,526</i>	<i>N=2,097</i>	<i>N=1,862</i>	<i>N=1,874</i>	<i>N=1563</i>	<i>N=1,676</i>

Q7. How likely do you think it is that you will get the COVID-19 vaccine before the end of 2021?

*Based on those who will get coronavirus vaccine as soon as possible, wait and see, or only if required*

	9/21	7/21
Very/Somewhat likely (NET)	44	50
Very likely	20	25
Somewhat likely	24	25
Somewhat/Very unlikely (NET)	55	49
Somewhat unlikely	19	21
Very unlikely	36	29
Don't know	1	1
Refused	*	-
	<i>n=175</i>	<i>n=245</i>

*Based on those who are unvaccinated*

	9/21	7/21
Very/Somewhat likely (NET)	21	25
Very likely	10	13
Somewhat likely	11	13
Somewhat/Very unlikely (NET)	26	25
Somewhat unlikely	9	10
Very unlikely	17	15
Definitely not get the vaccine	49	46
Don't know/Refused	5	3
	<i>n=379</i>	<i>n=482</i>

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 text in parentheses)

	9/21	3/21	2/21	1/21	12/20
Getting vaccinated is a personal choice	49	46	45	44	49
Getting vaccinated is part of everyone's responsibility to protect the health of others	49	53	52	51	49
Both (Vol.) <sup>6</sup>	-	-	2	3	2
Neither (Vol.)	-	-	*	*	*
Don't know	1	1	1	1	1
Refused	*	*	*	*	*
	<i>n=1,519</i>	<i>n=1,862</i>	<i>n=1,874</i>	<i>n=1,563</i>	<i>n=1,676</i>

<sup>6</sup> March 2021 KFF COVID-19 Vaccine Monitor response options were modified and "Both (Vol.) and Neither (Vol.)" were excluded from this wave.

Q9. Did you receive your first COVID-19 vaccine dose before or after June 1, 2021?

*Based on those who have gotten a COVID-19 vaccine*

	9/21
Before June 1, 2021	80
After June 1, 2021	17
Don't know	2
Refused	*
	<i>n=1,102</i>

Q10. Did you receive your first COVID-19 vaccine dose in June, July, August or in September of this year?

*Based on those who received COVID-19 vaccine after June 1, 2021*

	9/21
June	25
July	26
August	33
September	11
Don't know	5
Refused	-
	<i>n=188</i>

VACC1/Q9/Q10 Combo table

*Based on total*

	9/21
Gotten a COVID-19 vaccine	72
Before June 1, 2021	58
After June 1, 2021	13
June	3
July	3
August	4
September	1
Don't know/Refused	1
Don't know/Refused	2
Did not get a COVID-19 vaccine	25
Don't know/Refused	3
	<i>n=1,519</i>

Q11. For each of the following, please tell me if it was a major reason, minor reason, or not a reason why you decided to get vaccinated for COVID-19. First, how about (INSERT FIRST ITEM)? Was this a major reason, minor reason, or not a reason why you decided to get vaccinated for COVID-19? How about (INSERT NEXT ITEM)? READ IF NECESSARY: Was this a major reason, minor reason, or not a reason why you decided to get vaccinated for COVID-19?

Table I

Based on those who received COVID-19 vaccine after June 1, 2021

Item b asked only of those who received COVID-19 vaccine in August or September 2021

	Major or minor reason (NET)	Major reason	Minor reason	Not a reason	Don't know/Refused	
a. The increase in cases due to the Delta variant						
09/21	56	39	17	43	1	n=188
b. The FDA giving full approval to the Pfizer COVID-19 vaccine						
09/21 (sample size insufficient to report)						
c. You were required to get a COVID-19 vaccine by your employer						
09/21	29	19	10	70	*	n=188
d. You wanted to participate in certain activities that required vaccination, such as going to a gym, a concert or sporting event, or to travel						
9/21	55	35	20	45	*	n=188
e. You received a financial incentive from your employer for getting vaccinated						
9/21	16	7	9	84	*	n=188
f. Someone you know got seriously ill or died from COVID-19						
9/21	49	36	13	50	*	n=188
g. Social pressure from family or friends						
9/21	43	19	24	56	*	n=188
i. You were concerned about reports of your local hospitals and ICU's filling up with COVID-19 patients						
9/21	56	38	18	44	-	n=188

Table II

Based on those who received COVID-19 vaccine after June 1, 2021

	Major or minor reason (NET)	Major reason	Minor reason	Not a reason	Not asked/don't know/refused to say when they got vaccinated	Not asked/vaccinated before August 1, 2021	
b. The FDA giving full approval to the Pfizer COVID-19 vaccine							
09/21	28	15	12	16	5	51	n=188

Q12. Which of the following is the MAIN reason why you decided to get vaccinated for COVID-19?

*Based on those who received COVID-19 vaccine after June 1, 2021 – Includes those who said only one reason was a major reason why they decided to get vaccinated in Q11*

	9/21
The increase in cases due to the Delta variant	10
The FDA giving full approval to the Pfizer COVID-19 vaccine	2
You were required to get a COVID-19 vaccine by your employer	8
You wanted to participate in certain activities that required vaccination, such as going to a gym, a concert or sporting event, or to travel	13
You received a financial incentive from your employer for getting vaccinated	*
Someone you know got seriously ill or died from COVID-19	14
Social pressure from family or friends	5
You were concerned about reports of your local hospitals and ICU's filling up with COVID-19 patients	12
Something else	11
None of these	25
Don't know	-
Refused	-
	<i>n=188</i>

Q5. How much, if anything, have you heard or read about the possibility that COVID-19 booster shots might be needed for some vaccinated people in order to keep them protected from COVID-19?

	9/21	7/21
At lot/Some/A little (NET)	91	82
A lot/ Some (Sub-Net)	73	60
A lot	45	26
Some	29	34
A little	17	22
None	8	17
Don't know	1	1
Refused	*	*
	<i>n=1,519</i>	<i>n=1,517</i>

VACBOOST1. Have you personally received a booster or additional dose of the COVID-19 vaccine after you were already fully vaccinated, or not? This could include receiving a 3rd dose of the Pfizer or Moderna vaccine or receiving another vaccine after getting the one-dose Johnson and Johnson vaccine.

*Based on those who are fully vaccinated*

	9/21
Yes, received an additional dose	4
No, did not receive an additional does	95
Don't know	1
Refused	*
	<i>n=1,013</i>

VACC1/VACBOOST1 Combo table

*Based on total*

	9/21
Fully vaccinated (Got one dose vaccine/Got both doses of two dose vaccine/Got fully vaccinated plus a booster shot (Vol.))	66
Yes, received an additional dose	3
No, did not receive an additional dose	63
Don't know/Refused	1
Got first of two doses	6
Have not gotten the vaccine	25
Don't know/Refused	3
	<i>n=1,519</i>

Q19. Has the information you've seen about COVID-19 booster shots been (INSERT ITEM), or not?

	Yes	No	Don't know	Refused
a. Helpful				
09/21	45	48	6	1
b. Confusing				
09/21	38	58	4	*

VACBOOST2. If the FDA and the CDC recommend a booster dose of the COVID-19 vaccine for vaccinated people like you, do you think you will definitely get it, probably get it, probably not get it, or will you definitely not get a booster dose? (rotate 1-4/4-1)

*Based on those who are fully vaccinated and have not gotten a booster dose*

	9/21
Definitely/Probably get a booster dose (NET)	85
Definitely get a booster dose	58
Probably get a booster dose	28
Probably/Definitely not get a booster dose (NET)	13
Probably not get a booster dose	8
Definitely not get a booster dose	5
Don't know	1
Refused	*
	<i>n=964</i>

VACBOOST1/VACBOOST2. Combo table

*Based on those who are fully vaccinated*

	9/21
Yes, received an additional dose	4
No, did not receive an additional dose	95
Definitely/Probably get a booster dose (NET)	81
Definitely get a booster dose	55
Probably get a booster dose	26
Probably/Definitely not get a booster dose (NET)	12
Probably not get a booster dose	8
Definitely not get a booster dose	5
Don't know/Refused	1
Don't know/Refused	1
	<i>n=1,013</i>

VACBOOSTOE. What is the MAIN reason why you would NOT get a booster dose of the COVID-19 vaccine? (OPEN-END)

*Based on those who will probably or definitely not get a booster dose*

	9/21
Don't need it	14
Need more information/research	13
Already been vaccinated	9
Don't trust government/CDC	8
Worried about effectiveness/breakthrough cases of COVID	6
Personal choice/don't want to	6
Bad reaction/side effects to previous shot	5
Don't like needles/shots	4
Confused/Not clear if necessary	3
Others need their first shot/Global need	3
Already had COVID	2
Concerned about variants	2
Other	20
Don't know	3
Refused	3
	<i>n=137</i>

Q14. Which comes closer to your view about the news that some people might need vaccine boosters? Option A: (It shows that the vaccines are not working as well as promised), or Option B: (It shows that scientists are continuing to find ways to make vaccines more effective). (rotate text in parentheses)

	9/21
It shows that the vaccines aren't working as well as promised	33
It shows that scientists are continuing to find ways to make vaccines more effective	62
Don't know	3
Refused	1

Q16. In general, do you think (INSERT ITEM) to get vaccinated for COVID-19 unless they have a medical exemption, or not? (scramble a-g; rotate c and d together)

	Yes, should require vaccination	No, should not require vaccination	Don't know	Refused	
a. Employers should require employees					
9/21	48	50	1	1	<i>n=1,519</i>
6/21	51	46	3	*	<i>n=1,888</i>
b. Colleges and universities should require students					
9/21	55	43	1	*	<i>n=1,519</i>
6/21	58	40	2	*	<i>n=1,888</i>
c. K through 12 schools should require students who are eligible					
9/21 <sup>7</sup>	52	46	2	*	<i>n=1,519</i>
6/21	52	45	2	*	<i>n=1,888</i>
d. K through 12 schools should require teachers and other staff					
9/21	58	40	1	*	<i>n=1,519</i>
e. Hospitals and other health care facilities should require their workers					
9/21	62	36	1	*	<i>n=1,519</i>
f. The federal government should require its employees					
9/21	55	43	1	*	<i>n=1,519</i>
g. State and local governments should require their employees					
9/21	54	44	2	*	<i>n=1,519</i>

Q15. Do you support or oppose the federal government requiring larger employers to make sure their workers get vaccinated for COVID-19 or require that unvaccinated workers get tested at least weekly?

	9/21
Support	58
Oppose	39
Don't know	2
Refused	1

Q37. Do you support or oppose the federal government requiring larger employers to give their workers paid time off to get a COVID-19 vaccine and recover from any side effects?

	9/21
Support	78
Oppose	20
Don't know	2
Refused	*

<sup>7</sup> September 2021: "those who are eligible" added to item text

Q17. Do you support or oppose states and local governments issuing vaccine requirements for indoor businesses such as gyms, restaurants, and movie theaters that require staff and customers to show proof of COVID-19 vaccination?

	9/21
Support	49
Oppose	49
Don't know	2
Refused	*

Q18. Some state and local governments have passed laws that ban businesses from requiring customers to show proof of COVID-19 vaccination. Do you support or oppose these types of laws? (READ IF NECESSARY: Do you support or oppose laws that ban businesses from requiring customers to show proof of COVID-19 vaccination?)

	9/21
Support	41
Oppose	56
Don't know	3
Refused	*

Q21. Do you think K-12 schools should require all students and staff to wear masks when they are at school, should only require unvaccinated students and staff to wear masks, or should they not have any mask requirements at all?

	9/21
Should require all students and staff to wear masks	56
Should only require unvaccinated students and staff to wear masks	10
Should not have any mask requirements at all	31
Don't know	2
Refused	*

EMPLOY. What best describes your employment situation today?

	9/21
Employed (NET)	60
Employed full-time	52
Employed part-time	9
Unemployed (NET)	5
Unemployed and currently seeking employment	3
Unemployed and not seeking employment	2
A student	5
Retired	19
On disability and can't work	7
A homemaker or stay at home parent	4
Don't know/Refused (NET)	*
Don't know	*
Refused	*

SELFEMPLOY. Are you currently self-employed, or not?

*Based on those who are employed*

	9/21
Yes, self-employed	20
No, not self-employed	80
Don't know/Refused	*
	n=901

EMPLOY/SELFEMPLOY Combo table

*Based on total*

	9/21
Employed (NET)	60
Work for an employer	49
Self-employed	12
Don't know/Refused	*
Not employed (NET)	39
Unemployed and currently seeking employment	3
Unemployed and not seeking employment	2
A student	5
Retired	19
On disability and can't work	7
A homemaker or stay at home parent	4
Don't know/Refused	*

WFH. Are you currently working from your home, do you work in a location outside your home, or do you work both from home and a location outside your home?

*Based on those who are employed*

	9/21
Working from home	14
Working in a location outside my home	64
Combination of both	22
Don't know/Refused (NET)	*
Don't know	*
Refused	-
	<i>n=901</i>

Q22. Has your employer required you to get a COVID-19 vaccine, or not?

*Based on those who are employed but not self-employed*

	9/21	6/21
Yes	19	9
No	79	91
Employer only required vaccination to go into the office/work onsite (Vol.) <sup>8</sup>	1	-
Don't know	1	*
Refused	*	-
	<i>n=709</i>	<i>n=825</i>

<sup>8</sup> In the September 2021 Wave, added "Employer only required vaccination to go into the office/work onsite (Vol.)" as response option.

Q23. Do you want YOUR employer to require you and other employees to get a COVID-19 vaccine, or not?

*Based on those whose employer did not require them to get vaccinated*

	9/21	6/21
Yes, want employer to require COVID-19 vaccine	35	31
No, do not want employer to require COVID-19 vaccine	63	67
Employer already requires employees to be vaccinated (Vol.)	*	-
Don't know	1	2
Refused	1	*
	n=545	n=750

Q22/Q23 Combo table

*Based on those who are employed but not self-employed*

	9/21
Yes, employer required vaccination	19
No, employer did not require vaccination	79
Yes, want employer to require COVID-19 vaccine	28
No, do not want employer to require COVID-19 vaccine	50
Employer already requires employees to be vaccinated (Vol.)	*
Don't know/Refused	1
Employer only required vaccination to go into the office/work onsite (Vol.)	1
Don't know/Refused	1
	n=709

Q24. If your employer required you to get vaccinated against COVID-19 in order to continue working, how likely would you be to get the vaccine? Would you be (READ LIST)...

*Based on those who have not gotten COVID-19 vaccine and are employed but not self-employed*

	9/21
Very/Somewhat likely (NET)	34
Very likely	16
Somewhat likely	18
Not too/Not at all likely (NET)	65
Not too likely	15
Not at all likely	50
Don't know	*
Refused	1
	n=185

Q20. If your employer required you to either get the COVID-19 vaccine or get tested weekly, what would you be most likely to do (READ LIST)?

*Based on those who have not gotten COVID-19 vaccine and are employed but not self-employed*

	9/21
Get the vaccine	12
Get tested weekly	56
Leave your job	30
Something else (Vol.)	1
Don't know	*
Refused	*
	<i>n=185</i>

COVIDPTO. As far as you know, does your employer offer you paid time off to (INSERT ITEM), do they not offer paid time off, or are you not sure?

*Based on those who are employed and not self-employed*

	Yes, they offer paid time off for this	No, they do not offer paid time off for this	Not sure	Refused	
a Get a COVID-19 vaccine					
9/21	33	31	35	*	<i>n=709</i>
7/21	40	27	32	*	<i>n=664</i>
b Recover from vaccine side effects					
9/21	35	31	34	*	<i>n=709</i>
7/21	39	25	36	*	<i>n=664</i>

Q25. How much, if anything, have you heard or read about so-called "breakthrough" infections in which people who are fully vaccinated have become infected with COVID-19?

	9/21
At lot/Some/A little (NET)	88
A lot/ Some (Sub-Net)	70
A lot	38
Some	32
A little	18
None	10
Don't know	1
Refused	*

Q27. Which comes closer to your view? Option A: (The fact that some vaccinated people are becoming infected with COVID-19 means that the vaccines are not working), or Option B: (The fact that most vaccinated people who become infected with COVID-19 do not require hospitalization means that the vaccines are working). (rotate text in parentheses)

	9/21
The fact that some vaccinated people are becoming infected with COVID-19 means that the vaccines are not working	26
The fact that most vaccinated people who become infected with COVID-19 do not require hospitalization means that the vaccines are working	68
Don't know	5
Refused	1

VACC1KID. Next, thinking about your (oldest/youngest) child between the ages of 12-17, have they received at least one dose of a COVID-19 vaccine, or not?

*Based on those who are a parent or guardian of a child ages 12-17*

	9/21	7/21	6/21 <sup>9</sup>	5/21
Yes	48	41	34	24
No	49	58	63	75
Don't know	-	-	*	-
Refused/Web blank	3	*	3	2
	<i>n=222</i>	<i>n=728</i>	<i>n=239</i>	<i>n=190</i>

VACHESKID2. As you may know, the FDA recently authorized the use of the Pfizer COVID-19 vaccine for use in children ages 12 and up. Thinking about your (oldest/youngest) child between the ages of 12-17, do you think you will...? (rotate 1-4/4-1)

*Based on those who are a parent or guardian of a child ages 12-17 who has not gotten the COVID-19 vaccine*

	9/21	7/21	6/21 <sup>10</sup>	5/21
Get them vaccinated right away	8	10	12	24
Wait a while to see how it is working	30	39	28	28
Only get your child vaccinated if their school requires it	9	16	16	19
Definitely not get them vaccinated	43	34	39	26
Don't know	7	1	5	3
Refused	3	*	-	1
	<i>n=108</i>	<i>n=405</i>	<i>n=145</i>	<i>n=135</i>

VACC1KID/VACHESKID2

	9/21	7/21	6/21	5/21
Child is vaccinated/ Get them vaccinated right away (NET)	52	47	42	41
Child is vaccinated	48	41	34	24
Get them vaccinated right away	4	6	8	18
Wait a while to see how it is working	15	23	18	21
Only get child vaccinated if their school requires it	4	9	10	14
Definitely not get them vaccinated	21	20	25	20
Don't know/Refused/Web blank	8	1	6	4
	<i>n=222</i>	<i>n=728</i>	<i>n=239</i>	<i>n=190</i>

<sup>9</sup> May 2021 and June 2021 question text asked: "Your oldest child between the ages of 12 and 17"

<sup>10</sup> May 2021 and June 2021 question text asked: "Your oldest child between the ages of 12 and 17"

VACHESKID511. Now, thinking about your (oldest/youngest) child between the ages of 5 and 11, once there is a COVID-19 vaccine authorized and available for your child's age group, do you think you will...? (rotate 1-4/4-1)

*Based on those who are a parent or guardian of a child ages 5-11*

	9/21	7/21
Get them vaccinated right away	34	26
Wait a while to see how it is working	32	40
Only get your child vaccinated if their school requires it	7	9
Definitely not get them vaccinated	24	25
Don't know	3	*
Refused/Web blank	1	*
	n=217	n=674

VACHESKIDLT5. Thinking about your (oldest/youngest) child under the age of 5, once there is a COVID-19 vaccine authorized and available for your child's age group, do you think you will...? (rotate 1-4/4-1)

*Based on those who are a parent or guardian of a child under age 5*

	9/21	7/21
Get them vaccinated right away	23	20
Wait a while to see how it is working	33	40
Only get your child vaccinated if their school requires it	7	10
Definitely not get them vaccinated	35	30
Don't know	2	-
Refused/Web blank	1	*
	n=155	n=523

Q28. Are any of your children ages 5 and over currently enrolled in in-person school?

*Based on those who have a child age 5 or older*

	9/21
Yes	86
No	10
Child is/children are homeschooled (Vol.)	1
Child is/Children are attending school virtually (Vol.)	*
Don't know	1
Refused	2
	n=349

Q29. Does your child's school require ALL students and staff to wear masks at school, require only UNVACCINATED students and staff to wear masks, or are do they not have any mask requirement? IF RESPONDENT SAYS 'WHICH CHILD' SAY: Your youngest child attending in-person school

*Based on those who have a child attending in-person school*

	9/21
Requires all students and staff to wear masks	69
Requires only unvaccinated students and staff to wear masks	1
Does not have a mask requirement	28
Other (Vol.)	2
Don't know	1
Refused	*
	<i>n=299</i>

Q30. Do you think your child's school is doing too much, not enough, or about the right amount to limit the spread of COVID-19 at school?

*Based on those who have a child attending in-person school*

	9/21
Too much	11
Not enough	21
About the right amount	66
Don't know	2
Refused	-
	<i>n=299</i>

Q31. Since the school year began, has your child been required to quarantine at home because of a possible COVID-19 exposure, or not?

*Based on those who have a child attending in-person school*

	9/21
Yes	23
No	77
Don't know	*
Refused	-
	<i>n=299</i>

Q32. Is your child's school district offering routine COVID-19 testing for students who are not eligible to get vaccinated, are they offering optional testing, or are they not offering any COVID-19 testing at all?

*Based on those who have a child attending in-person school*

	9/21
Offering routine testing	6
Offering optional testing	20
Not offering any testing at all	51
Don't know	22
Refused	*
	<i>n=299</i>

Q33. Which party do you think has the better approach to handling the COVID-19 pandemic going forward, the (Democratic Party) or the (Republican Party)? (rotate text in parentheses)

	9/21
Democratic Party	38
Republican Party	29
Neither (Vol.)	18
Both (Vol.)	*
Don't know	11
Refused	4

Q34. Has the U.S. response to the COVID-19 pandemic made you more likely to support (Democratic candidates), more likely to support (Republican candidates), or has it made no difference? (rotate text in parentheses)

	9/21
More likely to support Democratic candidates	24
More likely to support Republican candidates	20
Has made no difference	52
More likely to support third party or to not vote (Vol.)	*
Don't know	2
Refused	1

TEST1. Have you or someone you know ever tested positive for coronavirus, or not? IF YES ASK: Was that you, someone else in your household, or someone else? [IF BOTH RESPONDENT AND SOMEONE ELSE IN HOUSEHOLD OR SOMEONE ELSE GOT TESTED CODE AS 1] [IF SOMEONE IN HOUSEHOLD AND SOMEONE ELSE GOT TESTED CODE AS 2]

	9/21
Yes (NET)	81
Yes, respondent tested positive	19
Yes, someone else in household tested positive	12
Yes, someone else tested positive	49
No	17
They or someone they know have a test with results pending (Vol.)	1
Don't know/Refused (NET)	1
Don't know	1
Refused	*

RECENTCOVID1. Have you or someone you know tested positive for coronavirus since June 1, 2021, or not? IF YES ASK: Was that you, someone else in your household, someone else? [IF BOTH RESPONDENT AND SOMEONE ELSE IN HOUSEHOLD OR SOMEONE ELSE GOT TESTED CODE AS 1] [IF SOMEONE IN HOUSEHOLD AND SOMEONE ELSE GOT TESTED CODE AS 2]

*Based on those who know someone who tested positive for coronavirus*

	9/21
Yes (NET)	57
Yes, respondent tested positive	7
Yes, someone else in household tested positive	6
Yes, someone else tested positive	44
No	40
They or someone they know have a test with results pending (Vol.)	*
Don't know/Refused (NET)	2
Don't know	2
Refused	-
	n=1,216

RECENTCOVID2. Do you personally know someone who died or was hospitalized due to COVID-19 since June 1, 2021 or not? IF YES, ASK: As far as you know, was that person vaccinated for COVID-19, or not?

*Based on those who know someone who tested positive for coronavirus since June 1, 2021*

	9/21
Yes (NET)	41
Yes, person was vaccinated	14
Yes, person was not vaccinated	25
Yes, know both someone who was vaccinated and someone who was not vaccinated (Vol.)	2
No	48
Don't know/Refused (NET)	11
Don't know	10
Refused	*
	<i>n=711</i>

**READ TO ALL:** Now I have a few questions we will use to describe the people who took part in our survey...

MARITAL. Are you currently married, living with a partner, widowed, divorced, separated, or have you never been married?

	9/21
Married	45
Living with a partner	11
Widowed	6
Divorced	10
Separated	2
Never been married	26
Don't know/Refused (NET)	*
Don't know	*
Refused	*

RGENDER. Do you describe yourself as a man, a woman, or in some other way?

	9/21
Man	48
Woman	50
Some other way	1
Don't know	-
Refused	*

LGBT. Do you consider yourself to be gay, lesbian, bisexual, or transgender?

	9/21
Yes	9
No	89
Don't know	1
Refused	1

HHADULTS. How many adults, age 18 and over, currently live in your household including yourself?

	9/21
1	22
2	49
3	16
4	9
5	2
6 or greater	1
Don't know/Refused (NET)	1

COVERAGE. Are you, yourself, now covered by any form of health insurance or health plan or do you not have health insurance at this time? (READ IF NECESSARY: A health plan would include any private insurance plan through your employer or a plan that you purchased yourself, as well as a government program like Medicare or [Medicaid/Medi-CAL])?

	9/21
Covered by health insurance	89
Not covered by health insurance	11
Don't know	*
Refused	*

AGECOV VARIABLE

	9/21
Insured less than 65	87
Uninsured less than 65	13
	<i>n = 1,125</i>

COVTYPE. Which of the following is your MAIN source of health insurance coverage? Is it a plan through your employer, a plan through your spouse's employer, a plan you purchased yourself either from an insurance company or a state or federal marketplace, are you covered by Medicare or (Medicaid/[INSERT STATE-SPECIFIC MEDICAID NAME]), or do you get your health insurance from somewhere else? [INTERVIEWER NOTE: IF R SAYS THEY GOT INSURANCE THROUGH HEALTHCARE.GOV, OBAMACARE, OR A STATE HEALTH INSURANCE MARKETPLACE/EXCHANGE, CODE AS 3].

*Based on those who are insured*

	9/21
Plan through your employer	35
Plan through your spouse's employer	11
Plan you purchased yourself	10
Medicare	21
Medicaid	11
Somewhere else	5
Plan through your parents/mother/father (Vol.)	6
Don't know/Refused	2
	<i>n=1,340</i>

COVSELFOTHER. Regardless of your source of health insurance coverage, did you purchase your plan yourself?

*Based on those who are insured somewhere else*

*Insufficient sample size to report*

CHRONICCOVID. Do you or anyone in your household have a serious health condition such as high blood pressure, heart disease, lung disease, cancer or diabetes, or not?

	9/21
Yes (NET)	41
Yes, I have a serious health condition	21
Yes, someone else in my household has a serious health condition	13
Yes, both myself and someone else in my household have a serious health condition	7
No one in household has serious health condition	57
Don't know/Refused (NET)	2
Don't know	1
Refused	1

BORNAGAIN. Would you describe yourself as a "born-again" or evangelical Christian, or not?

	9/21
Yes, born again or Evangelical	30
No, not born again or Evangelical	66
Don't know/Refused (NET)	5
Don't know	2
Refused	2

UNICOM. Are you a student or employee at a college or university? IF YES ASK: Are you an undergraduate student, a graduate student, a member of staff or contractor, a faculty member or a member of the administration?

	9/21
No, not a college student or employee	86
Yes, undergraduate student	8
Yes, graduate student	2
Yes, staff or contractor	1
Yes, faculty	1
Yes, administration	*
Don't know/Refused	*

PARTY. In politics today, do you consider yourself a: (Republican), (Democrat), an Independent, or what? (rotate items in parentheses)

	9/21
Republican	24
Democrat	28
Independent	33
Or what/Other/None/No preference	9
Don't know	3
Refused	3

PARTYLEAN. Do you LEAN more towards the (Republican) Party or the (Democratic) Party? (rotate items in parentheses in same order as PARTY)

*Based on those who are not Republican or Democrat*

	9/21
Republican	28
Democratic	33
Independent/Don't lean to either party (Vol.)	23
Other party (Vol.)	2
Don't know	8
Refused	6
	<i>n=716</i>

Summary PARTY and PARTYLEAN

	9/21
Republican/Lean Republican	37
Democrat/Lean Democrat	44
Pure Independent	14
Undesignated	5

Five-Point Party ID

	9/21
Democrat	28
Independent Lean Democrat	16
Independent/Don't lean	11
Independent Lean Republican	14
Republican	24
Undesignated	7

IDEOLOGY. Would you say your views in most political matters are liberal, moderate, or conservative?

	9/21
Liberal	25
Moderate	35
Conservative	31
Don't know/Refused	9

RVOTE. Are you registered to vote at your present address, or not?

	9/21
Yes	81
No	19
Don't know/Refused	*

EDUC. What is the highest level of school you have completed or the highest degree you have received? (DO NOT READ LIST) [INTERVIEWER NOTE: Enter code 3-HS graduate if R completed vocational, business, technical, or training courses after high school that did NOT count toward an associate degree from a college, community college or university (e.g., training for a certificate or an apprenticeship)]

	9/21
HS grad or less (NET)	38
Less than high school (Grades 1-8 or no formal schooling)	3
High school incomplete (Grades 9-11 or Grade 12 with no diploma)	5
High school graduate (Grade 12 with diploma or GED certificate)	29
Some college (NET)	30
Some college, no degree (includes some community college)	18
Two-year associate degree from a college or university	12
College grad+ (NET)	31
Four-year college or university degree/Bachelor's degree	18
Some postgraduate or professional schooling, no postgraduate degree	2
Postgraduate or professional degree, including master's, doctorate, medical or law degree	11
Don't know/Refused (NET)	1

INCOME. Last year – that is, in 2020 – what was your total family income from all sources, before taxes? Just stop me when I get to the right category. (READ LIST)

	9/21
Less than \$20,000	12
\$20,000 to less than \$30,000	9
\$30,000 to less than \$40,000	9
\$40,000 to less than \$50,000	8
\$50,000 to less than \$75,000	12
\$75,000 to less than \$90,000	8
\$90,000 to less than \$100,000	5
\$100,000 or more	24
Don't know/Refused (NET)	12



**KFF**

**Headquarters and Conference Center**

185 Berry Street, Suite 2000  
San Francisco, CA 94107  
650-854-9400

**Washington Offices and Conference Center**

1330 G Street, NW Washington, DC 20005  
202-347-5270

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