

Survey question wording and topline

**2023 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL
WAVE 123 – SCIENCE TOPLINE
March 13-19, 2023
N=10,701**

OTHER QUESTIONS PREVIOUSLY RELEASED OR HELD FOR FUTURE RELEASE

ASK ALL:

MED1 Thinking now about medicine...

Which of these statements comes closer to your point of view, even if neither is exactly right?

	Medical treatments these days are worth the costs because they allow people to live longer and better <u>quality lives</u>	Medical treatments these days often create as many problems as they <u>solve</u>	<u>No answer</u>
Mar 13-19, 2023	49	49	2
Apr 23-May 6, 2018	48	51	1

TREND FOR COMPARISON

Pew Research Center survey conducted by telephone: Thinking about medical science. Which of these statements comes closest to your point of view, even if neither is exactly right? **[READ IN ORDER]**

Mar 21-Apr 8,
2013

54	(one) Medical treatments these days are worth the costs because they allow people to live longer and better quality lives [OR]
41	(two) Medical treatments these days often create as many problems as they solve.
3	Neither/Both equally (VOL.)
3	Don't know/Refused (VOL.)

ASK ALL:

MED2

Thinking about medical treatments these days, how much of a problem, if at all, are each of the following? **[RANDOMIZE ITEMS]**

	<u>A big problem</u>	<u>A small problem</u>	<u>Not a problem</u>	<u>No answer</u>
a. Healthcare providers are too quick to order tests and procedures that may not be necessary				
Mar 13-19, 2023	35	46	18	1
Apr 23-May 6, 2018	46	42	12	1
b. People rely too much on prescription medicines that may not be necessary				
Mar 13-19, 2023	57	37	6	<1
Apr 23-May 6, 2018	68	28	3	1
c. New treatments are made available before we fully understand how they affect people's health				
Mar 13-19, 2023	43	46	10	1
Apr 23-May 6, 2018	44	46	9	1
d. The cost of treatments makes quality medical care unaffordable				
Mar 13-19, 2023	84	14	2	<1
Apr 23-May 6, 2018	83	14	3	<1
e. New treatments are so complex that patients cannot make informed decisions				
Mar 13-19, 2023	37	49	12	1
Apr 23-May 6, 2018	42	48	9	1
f. Side effects from prescription medicines create as many problems as the medicines solve				
Mar 13-19, 2023	47	46	6	1
Apr 23-May 6, 2018	59	36	5	<1
g. The process for evaluating the safety and effectiveness of new medical treatments is too slow				
Mar 13-19, 2023	39	44	16	1
Apr 23-May 6, 2018	49	40	10	1

DISPLAY BIO33 AND BIO34 ON SAME SCREEN**ASK ALL:**

BIO33 Thinking about childhood vaccines for measles, mumps and rubella (MMR) how would you rate... **[RANDOMIZE ITEMS; FLIP ORDER OF RESPONSE OPTIONS HIGH TO LOW; LOW TO HIGH USING SAME ORDER FOR BOTH ITEMS]**

	<u>Very high</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Very low</u>	<u>No answer</u>
a. The risk of side effects						
Mar 13-19, 2023	5	8	23	32	32	1
Oct 1-13, 2019	5	7	17	28	42	1
May 10-Jun 6, 2016	5	6	21	29	38	1
b. The preventive health benefits						
Mar 13-19, 2023	44	28	19	4	4	1
Oct 1-13, 2019	56	21	13	4	3	2
May 10-Jun 6, 2016	45	28	18	4	3	2

ASK ALL:

BIO34 Overall, do you think...

	<u>The benefits of childhood vaccines for measles, mumps and rubella outweigh the risks</u>	<u>The risks of childhood vaccines for measles, mumps and rubella outweigh the benefits</u>	<u>No answer</u>
Mar 13-19, 2023	88	10	1
Oct 1-13, 2019	88	10	2
May 10-Jun 6, 2016	88	10	2

TREND FOR COMPARISON

KFF survey conducted by telephone and online: Overall, do you think... **[ROTATE RESPONSE OPTIONS 1-2/2-1]**

Nov 29-Dec 8,
2022

85	<i>The benefits of childhood vaccines for measles, mumps and rubella outweigh the risks</i>
12	<i>The risks of childhood vaccines for measles, mumps and rubella outweigh the benefits</i>
3	<i>No answer</i>

ASK ALL:

BIO35

Which comes closer to your views about childhood vaccines for measles, mumps and rubella, even if neither is exactly right?

	Parents should be able to decide NOT to vaccinate their children, even if that may create health risks for other <u>children and adults</u>	Healthy children should be required to be vaccinated in order to attend public schools because of the potential risk for others when children <u>are not vaccinated</u>	<u>No answer</u>
Mar 13-19, 2023	28	70	2
Oct 1-13, 2019	16	82	1
May 10-Jun 6, 2016	17	82	2

TREND FOR COMPARISON

KFF survey conducted by telephone and online: Which comes closer to your views about childhood vaccines for measles, mumps, and rubella, even if neither is exactly right? **[ROTATE RESPONSE**

OPTIONS 1-2/2-1]

Nov 29-Dec 8,
2022

28	<i>Parents should be able to decide not to vaccinate their children, even if that may create health risks for other children and adults</i>
71	<i>Healthy children should be required to be vaccinated in order to attend public schools because of the potential risk for others when children are not vaccinated</i>
<1	<i>No answer</i>

ASK ALL:

MMRTHOUGHT How much have you thought about the potential risks and benefits of childhood vaccines for measles, mumps and rubella?

Mar 13-19,
2023

10	A great deal
15	Quite a bit
28	Some
30	Not too much
16	Not at all
1	No answer

**ASK IF SEES RISKS OF SIDE EFFECTS AS VERY HIGH, HIGH OR MEDIUM [BIO33a=1,2,3]
[N=3,241]:**

MMRRISKOE What do you see as the main risk from childhood vaccines for measles, mumps and rubella?

	Mar 13-19, 2023
NET General side effects, allergic reactions, each child could react differently	18
<i>General side effects or allergic reactions</i>	18
<i>Each child could react differently</i>	1
NET Supportive of MMR vaccines; public health risks from those unvaccinated	12
<i>None/nothing</i>	7
<i>Supportive of MMR vaccines</i>	3
<i>Harm from those unvaccinated</i>	2
NET Autism, development delays during childhood	5
<i>Autism</i>	4
<i>Development delays during childhood</i>	1
NET Death, specific disease or ailment	5
<i>Specific disease/ailment</i>	3
<i>Death</i>	2
Problems later in life	4
Ingredients in vaccines could be dangerous	2
Minor reactions	1
Too many vaccines at once	1
Could still get the diseases	1
NET Not applicable/Other/Unclear	11
<i>Other</i>	5
<i>Unclear</i>	4
<i>Not applicable/Does not have a child</i>	1
NET Don't know/Refused	41
<i>Refused</i>	35
<i>Don't know</i>	6

ASK ALL:

MMRINFO

How much do you trust each of the following groups to give full and accurate information about the health risks and benefits of childhood vaccines for measles, mumps and rubella? **[RANDOMIZE ITEMS]**

	<u>A lot</u>	<u>Some</u>	<u>Not too much</u>	<u>Not at all</u>	<u>No answer</u>
a. Your doctor or other health care provider Mar 13-19, 2023	45	43	9	3	<1
b. Medical research scientists Mar 13-19, 2023	40	42	14	4	<1

ASK ALL:

CHILDVAX

Thinking about childhood vaccines in general, how well do each of the following statements describe your views? **[RANDOMIZE ITEMS]**

	<u>Very well</u>	<u>Somewhat well</u>	<u>Not too well</u>	<u>Not at all</u>	<u>No answer</u>
a. Childhood vaccines save millions of lives Mar 13-19, 2023	56	33	8	3	1
b. Childhood vaccines protect communities from outbreaks of disease Mar 13-19, 2023	56	33	8	2	1
c. I worry that not all of the childhood vaccines are necessary Mar 13-19, 2023	14	28	30	27	1
d. Children are given childhood vaccines for things their immune system should fight off on its own Mar 13-19, 2023	11	25	34	28	1

ASK PARENTS [IF KIDSTOTAL > 0] [N=2,900]:

MMRKIDS Has your [IF KIDSTOTAL=1 child] [IF KIDSTOTAL>1 youngest child] received the childhood vaccines for measles, mumps and rubella?

Mar 13-19,
2023

79	Yes
6	No
11	Not sure
5	My child is not old enough to receive these vaccines
<1	No answer

ASK PARENTS [IF KIDSTOTAL > 0] [N=2,900]:

CMFRT How would you feel about your child spending time with a child who had not received the vaccines for measles, mumps and rubella?

Mar 13-19,
2023

25	Very comfortable
29	Somewhat comfortable
32	Somewhat uncomfortable
13	Very uncomfortable
1	No answer

ASK PARENTS [IF KIDSTOTAL > 0] [N=2,900]:

ONLNGRPS1 Do you follow or belong to any online groups or communities that talk about childhood vaccines?

Mar 13-19,
2023

7	Yes
93	No
<1	No answer

IF YES [IF ONLNGRPS1 = 1] [N=194]:

ONLNGRPS2 How useful do you find the information you get from online groups or communities that talk about childhood vaccines?

Mar 13-19,
2023

22	Extremely useful
42	Very useful
27	Somewhat useful
7	Not too useful
2	Not at all useful
0	No answer

ONLNGRPS2 TABLE BASED ON IS PARENT [IF KIDSTOTAL>0] [N=2,900]:

	Belong to online groups or communities that talk about childhood vaccines			Do not belong to online groups or communities that talk about childhood vaccines	Refused ONLNGRPS1
	Find the information extremely or very useful	Find the information somewhat useful	Find the information not too or not at all useful	Refused ONLNGRPS2	
Mar 13-19, 2023	5	2	1	0	93
					<1

OTHER QUESTIONS HELD FOR FUTURE RELEASE

DISPLAY TO ALL: The next few questions are about the coronavirus outbreak

ASK ALL:

COVID_INFECT How concerned, if at all, are you that... **[RANDOMIZE ITEMS]**

	Very concerned	Somewhat concerned	Not too concerned	Not at all concerned	No answer
a. You might spread the coronavirus to other people without knowing that you have it					
Mar 13-19, 2023	14	28	30	28	<1
Sep 13-18, 2022	18	31	28	23	<1
May 2-8, 2022	19	31	29	20	<1
Jan 10-17, 2022	25	33	26	16	<1
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
Jun 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					
Mar 13-19, 2023	10	19	34	36	<1
Sep 13-18, 2022	11	19	36	33	<1
May 2-8, 2022	13	21	37	29	<1
Jan 10-17, 2022	15	24	37	24	<1
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
Jun 16-22, 2020	24	27	32	17	<1
Apr 7-12, 2020	24	31	32	13	<1

DISPLAY COVID33 AND COVID34 ON SAME SCREEN**ASK ALL:**

COVID33 Thinking about vaccines for COVID-19, how would you rate... **[RANDOMIZE ITEMS; FLIP ORDER OF RESPONSE OPTIONS HIGH TO LOW; LOW TO HIGH USING SAME ORDER FOR BOTH ITEMS]**

	<u>Very high</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Very low</u>	<u>No answer</u>
a. The risk of side effects Mar 13-19, 2023	20	13	25	24	17	1
b. The preventive health benefits Mar 13-19, 2023	24	21	25	12	18	1

ASK ALL:

COVID34 Overall, do you think...

Mar 13-19,
2023

62	The benefits of COVID-19 vaccines outweigh the risks
36	The risks of COVID-19 vaccines outweigh the benefits
2	No answer

ASK ALL:

COVID_VAXDMOD Have you received a vaccine to prevent COVID-19?

	<u>NET Have received at least one dose of a vaccine</u>	<u>Yes, have had all the shots needed to be fully vaccinated</u>	<u>Yes, have had one shot but still need one more</u>	<u>No, have not received a vaccine</u>	<u>No answer</u>
Mar 13-19, 2023	77	70	7	21	2
Sep 13-18, 2022	77	71	6	21	2
May 2-8, 2022	78	73	5	21	2
Jan 24-30, 2022	78	73	5	20	2
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 ALL:COVID_BOOST²

Have you received a COVID-19 booster shot within the last six months?

	Yes, have received a <u>booster shot</u>	No, have not received a <u>booster shot</u>	Does not <u>apply to me</u>	Invalid <u>response</u>	<u>No answer</u>
Mar 13-19, 2023	34	44	19	1	2
Sep 13-18, 2022	38	41	18	1	2
May 2-8, 2022	49	31	17	1	2
Jan 24-30, 2022	48	34	15	1	2

COVID_VAXDMOD AND COVID_BOOST COMBO TABLE

	Yes, have had all the shots needed <u>to be fully vaccinated</u>	No, have not received a booster shot/Does <u>not apply</u>	No answer to COVID_ <u>BOOST</u>	Yes, have had one shot but still need one <u>more</u>	No, have not received a <u>vaccine</u>	No answer to COVID_ <u>VAXDmod</u>
Mar 13-19, 2023	34	35	<1	7	21	2
Sep 13-18, 2022	38	33	<1	6	21	2
May 2-8, 2022	49	23	<1	5	21	2
Jan 24-30, 2022	48	25	<1	5	20	2

ASK PARENTS [IF KIDSTOTAL > 0] [N=2,900]:

CVAXKIDS Has your [IF KIDSTOTAL=1 child] [IF KIDSTOTAL>1 youngest child] received a vaccine to prevent COVID-19?

Mar 13-19,
2023

36	Yes
54	No
2	Not sure
7	My child is not old enough to receive this vaccine
1	No answer

² COVID_VAXDMOD and COVID_BOOST were asked of all respondents to measure vaccination and booster shot status. Respondents who said "Yes, have had one shot but still need one more" or "No, have not received a vaccine" to COVID_VAXDMOD and said "Yes, have received a booster shot" to COVID_BOOST were coded as "invalid response" to COVID_BOOST. These respondents are ineligible for a COVID-19 booster shot based on their stated vaccination status.

ASK ALL:

CVDVIEWS How well does each of the following statements describe your views about COVID-19 vaccines? **[RANDOMIZE ITEMS]**

	<u>Very well</u>	<u>Somewhat well</u>	<u>Not too well</u>	<u>Not at all well</u>	<u>No answer</u>
a. COVID-19 vaccines have saved millions of lives Mar 13-19, 2023	38	28	17	16	2
b. It's hard to make sense of all the information about COVID-19 vaccines Mar 13-19, 2023	21	33	25	19	1
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 Mar 13-19, 2023	27	30	26	17	1
Aug 23-29, 2021	29	31	24	15	1
d. Staying up to date with vaccines for COVID-19 is part of being a good community member Mar 13-19, 2023	30	27	17	25	1
e. Public health officials are not telling us everything they know about COVID-19 vaccines Mar 13-19, 2023	32	25	23	20	1
Aug 23-29, 2021	26	28	22	23	1
f. It makes me angry when vaccination for COVID-19 is required Mar 13-19, 2023	27	16	17	39	1

ASK ALL:

SCI_FLU1 Since last August, have you gotten a flu shot?

	Yes, have gotten a flu <u>shot since August</u>	No, have not gotten a <u>flu shot since August</u>	<u>No answer</u>
Mar 13-19, 2023	49	51	1
Nov 18-29, 2020 ³	44	55	<1

ASK ALL:

SCI_FLU2 How often do you typically get a flu shot?

	<u>Every year</u>	Every few <u>years</u>	Rarely or <u>never</u>	<u>No answer</u>
Mar 13-19, 2023	48	13	38	1
Nov 18-29, 2020	47	12	41	1

OTHER QUESTIONS PREVIOUSLY RELEASED OR HELD FOR FUTURE RELEASE

³ In the November 2020 survey, the question wording was, "Since August of this year, have you gotten a flu shot?"