

Annenberg Public Policy Center of the University of Pennsylvania

Annenberg Science Knowledge (ASK) survey, January 10-16, 2023

February 16, 2023

1 Overview

These studies were conducted for the Annenberg Public Policy Center of the University of Pennsylvania via web and telephone by SSRS, an independent research company. Interviews were conducted among a nationally representative probability sample drawn from SSRS’s Opinion panel. Data were weighted to represent the target U.S. adult population. Summaries of the sample size, field dates, and estimated design effects (Deff) of the particular waves can be found in the table below.

A full methodology report can be found at the beginning of this document.

2 Questionnaire Design

The questionnaire was developed by APPC in consultation with the SSRS project team. Prior to the field period, SSRS programmed the study into its Forsta Plus (formerly known as Conformat) platform that allows data to be collected online or through Computer Assisted Telephone Interviewing (CATI). Extensive checking of the program was conducted to ensure that skip patterns and sample splits followed the design of the questionnaire.

3 Sample Design: The SSRS Opinion Panel

SSRS Opinion Panel members are recruited randomly based on nationally representative ABS (Address Based Sample) design (including Hawaii and Alaska). ABS respondents are randomly sampled by Marketing Systems Group (MSG) through the U.S. Postal Service’s Computerized Delivery Sequence File (CDS), a regularly-updated listing of all known addresses in the U.S. For the SSRS Opinion Panel, known business addresses are excluded from the sample frame.

The SSRS Opinion Panel is a multi-mode panel. Internet households participate via web while all non-internet households (including those who have internet but are unwilling to take surveys online) participate via phone.

Wave	N	MOE	Deff	Fielded	Closed
A-1	1941	2.9	1.76	2021-03-30	2021-04-19
B-2	1719	3.2	1.83	2021-06-09	2021-06-22
C-3	1669	3.2	1.83	2021-08-16	2021-09-05
D-4	1672	3.3	1.86	2021-11-03	2021-11-09
E-5	1656	3.3	1.86	2022-01-11	2022-01-17
F-6	1638	3.3	1.87	2022-03-29	2022-04-04
G-7	1580	3.2	1.82	2022-07-12	2022-07-18
H-8	1621	3.3	1.87	2022-08-16	2022-08-23
I-9	1646	3.2	1.80	2022-10-11	2022-10-18
J-10	1657	3.2	1.77	2023-01-10	2023-01-16

4 Toplines

The remaining portion of this document provides the topline results reported in the release. All values are in percents, rounded to the nearest whole number. As a result, overall and net percentages may not exactly match sum of corresponding percentages. A lowercase e stands in for values that round to 0, but are not exactly 0. Aggregated NET categories are highlighted in grey.

B4A.

B4A. When in contact indoors with those who are not part of your household how often do you wear a mask or face covering?

Wave	N	Never wear a mask or face covering	Rarely wear a mask or face covering	Sometimes wear a mask or face covering	Often wear a mask or face covering	Always wear a mask or face covering	Or don't you go to places where you might come in contact with those not in your household	Don't know	Decline
(J) 01/20/23	1657	34 ^{cdefg}	27 ^{cde}	18	10 ^{cdef}	8 ^{cdef}	3	0	0
(I) 10/18/22	1626	33 ^{cdefg}	26 ^{cde}	20	10 ^{cdef}	7 ^{cdefg}	3	0	e
(G) 07/18/22	1580	27 ^{icdefi}	27 ^{cde}	20	12 ^{cde}	11 ^{cdefi}	3	0	0
(F) 04/04/22	1638	23 ^{icdegi}	24 ^{cde}	21	15 ^{icbi}	15 ^{icdegi}	2	0	0
(E) 01/22/22	1656	12 ^{ifgi}	13 ^{idfgi}	18	24 ^{idfgi}	30 ^{ifgi}	3	0	0
(D) 11/09/21	1672	14 ^{icfgi}	17 ^{iefgi}	21	18 ^{iegi}	26 ^{ifgi}	3	0	0
(C) 09/05/21	1669	11 ^{idfgi}	15 ^{ifgi}	20	22 ^{ifgi}	30 ^{ifgi}	2	0	e

C3B.

C3B. When do you expect to be able to return to your normal, pre-COVID-19 life?

Wave	N	Already have	Within the next 1 to 6 months	Within the next year	More than a year from now	Never	Don't know	Decline
(J) 01/20/23	1657	52 ^{defgi}	3 ^{def}	9 ^{defg}	13 ^{defg}	22 ^{df}	e	e
(I) 10/18/22	1626	47 ^{iddefg}	4 ^{def}	12 ^{def}	14 ^{defg}	24 ^{df}	0 ^e	e
(G) 07/18/22	1580	41 ^{iddefi}	4 ^{df}	12 ^{iddef}	19 ^{idei}	23 ^{df}	0 ^e	0
(F) 04/04/22	1638	32 ^{iddegi}	12 ^{iddegi}	19 ^{idgi}	19 ^{idei}	18 ^{iegi}	e	e
(E) 01/22/22	1656	16 ^{idfgi}	6 ^{ifi}	20 ^{idgi}	35 ^{idfgi}	22 ^{df}	1 ^{dgi}	e
(D) 11/09/21	1672	21 ^{iefgi}	8 ^{ifgi}	24 ^{iefgi}	29 ^{iefgi}	17 ^{iegi}	e ^e	e

C4.

C4. Have you gotten the flu shot this season or not?

Wave	N	Yes	No	Don't know	Decline
(J) 01/20/23	1657	49 ^{di}	51 ^{di}	0	0
(I) 10/18/22	1626	26 ^{ajdef}	74 ^{ajdef}	0	0
(F) 04/04/22	1638	48 ^{di}	52 ^{di}	0	e
(E) 01/22/22	1656	47 ^{di}	53 ^{di}	0	0
(D) 11/09/21	1672	38 ^{ajefi}	62 ^{ajefi}	0	0
(A) 04/19/21	1941	50 ^{di}	50 ^{di}	0	e

C5.

C5. Why did you decide to get the flu shot this season? / I get it every year

Wave	N	No	Yes
(J) 01/20/23	898	31 ^{dei}	69 ^{dei}
(I) 10/18/22	500	21 ^j	79 ^j
(E) 01/22/22	879	22 ^j	78 ^j
(D) 11/09/21	716	22 ^j	78 ^j

C5.

C5. Why did you decide to get the flu shot this season? / I wanted to protect myself against catching the flu

Wave	N	No	Yes
(J) 01/20/23	898	36 ^{dei}	64 ^{dei}
(I) 10/18/22	500	52 ^j	48 ^j
(E) 01/22/22	879	56 ^d	44 ^{jd}
(D) 11/09/21	716	48 ^{ie}	52 ^{ie}

C5.

C5. Why did you decide to get the flu shot this season? / I want to protect myself against COVID-19

Wave	N	No	Yes
(J) 01/20/23	898	92 ⁱ	8 ⁱ
(I) 10/18/22	500	96 ^{ie}	4 ^{ie}
(E) 01/22/22	879	91 ⁱ	9 ⁱ
(D) 11/09/21	716	94	6

C5.

C5. Why did you decide to get the flu shot this season? / It is recommended by the U.S. Centers for Disease Control and Prevention (CDC)

Wave	N	No	Yes
(J) 01/20/23	898	75	25

D59C1.

D59C1. Please indicate if you believe the statement below is true, false, or if you aren't sure. / COVID-19 poses a higher risk for myocarditis than does COVID-19 vaccination.

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	17	6	11	37	22	15	47	e

D307.

D307. Please indicate how much you agree or disagree with each of the following statements. / Children do not need the seasonal flu shot because they are at low risk of death from seasonal flu.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	1657	57	30	26	18	7	11	25	e	e

D308.

D308. Please indicate how much you agree or disagree with each of the following statements. / Breakthrough seasonal flu infections are evidence that seasonal flu shots don't work.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	1657	58	34	24	15	3	12	26	1	0

D309.

D309. Please indicate how much you agree or disagree with each of the following statements. / Because Tamiflu is available to treat seasonal flu, there is no longer a need for people to get a flu shot.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	1657	65	45	21	8	2	6	27	e	e

D310.

D310. Please indicate how much you agree or disagree with each of the following statements. / Every person older than 6 months of age should get a flu shot each year.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	1657	33	20	13	41	19	22	26	1	0

D311.

D311. Please indicate how much you agree or disagree with each of the following statements. / Public schools should be able to require COVID-19 vaccination of all children who do not have a medical or religious exemption.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	826	38	28	10	45	30	15	16	0	0

D313.

D313. Please indicate how much you agree or disagree with each of the following statements. / The U.S. Army should be able to require COVID-19 vaccination of all soldiers who do not have a medical or religious exemption.

Wave	N	NET Disagree	Strongly disagree	Somewhat disagree	NET Agree	Strongly agree	Somewhat agree	Neither agree nor disagree	Don't know	Decline
(J) 01/20/23	826	30	22	7	53	35	18	18	0	0

D400.

D400. Which statement comes closer to your views about childhood vaccines for measles, mumps, and rubella (MMR), even if neither is exactly right?

Wave	N	Parents should be able to decide whether or not to vaccinate their children who attend public schools	Healthy children should be required to be vaccinated in order to attend public schools	Or are you not sure?	Decline
(J) 01/20/23	1657	22	63	15	0

DH1.

DH1. Have you heard, read, or seen reports about a football player named Damar Hamlin who suffered cardiac arrest after being hit on the chest while making a tackle during a football game?

Wave	N	Yes, I have heard, read, or seen reports	No, I have not heard, read, or seen reports	Don't know	Decline
(J) 01/20/23	1657	87	13	0	0

DH2.

DH2. Based on what you have heard, read or seen about that event, as far as you know, which of the following is the most likely cause of Damar Hamlin's cardiac arrest:

Wave	N	An underlying heart condition	Being hit hard in the chest	Having taken a COVID-19 vaccine	A combination of being hit hard in the chest and taking the COVID-19 vaccine	A combination of an underlying heart condition and taking the COVID-19 vaccine	Something else	Or are you not sure?	Decline
(J) 01/20/23	1459	17	49	3	4	3	3	21	0

FL2.

FL2. Please indicate if you believe the statement below is true, false, or if you aren't sure. The effectiveness of the seasonal flu shot distributed in the U.S. can vary from year to year. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	8	2	6	77	40	38	15	e

FL3.

FL3. Please indicate if you believe the statement below is true, false, or if you aren't sure. The effectiveness of the measles vaccine can vary from year to year.

[FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	41	19	22	19	17	2	40	e

FL7.

FL7. Please indicate if you believe the statement below is true, false, or if you aren't sure. The seasonal flu shot distributed in the US cannot give you flu.

(TRUE)

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	29	11	18	54	22	32	16	e

FL8.

FL8. Please indicate if you believe the statement below is true, false, or if you aren't sure. The seasonal flu shot distributed in the U.S. increases your risk of getting COVID-19. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	77	48	29	6	4	1	17	0

FL9.

FL9. Please indicate if you believe the statement below is true, false, or if you aren't sure. It is possible to spread the seasonal flu to others even if you have no symptoms. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	10	2	8	76	44	32	14	e

FL10.

FL10. Please indicate if you believe the statement below is true, false, or if you aren't sure. The seasonal flu can be effectively treated by antibiotics. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	55	36	19	25	17	7	20	e

FL11.

FL11. Please indicate if you believe the statement below is true, false, or if you aren't sure. The seasonal flu shot distributed in the U.S. is safe for pregnant women. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	10	3	7	51	34	17	39	0

FL12.

FL12. Please indicate if you believe the statement below is true, false, or if you aren't sure. Wearing a high-quality, well-fitting mask helps limit the spread of flu viruses. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	14	6	8	77	35	42	9	e

FL13.

FL13. Please indicate if you believe the statement below is true, false, or if you aren't sure. Because there are multiple strains of the seasonal flu, it is possible to get the flu more than once in a flu season. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	4	1	3	83	49	34	13	e

FL14.

FL14. Please indicate if you believe the statement below is true, false, or if you aren't sure. There is no treatment for the flu. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	64	37	26	23	15	8	13	0

FL15.

FL15. Please indicate if you believe the statement below is true, false, or if you aren't sure. Cold weather causes the flu. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	65	45	20	22	18	4	13	0

FL16.

FL16. Please indicate if you believe the statement below is true, false, or if you aren't sure. If you haven't gotten a seasonal flu shot by November there is no value in getting the shot. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	71	38	33	11	8	2	18	0

FL17.

FL17. Please indicate if you believe the statement below is true, false, or if you aren't sure. Washing your hands helps you avoid getting sick from or spreading the seasonal flu. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	3	1	2	93	22	71	3	0

FL18.

FL18. Please indicate if you believe the statement below is true, false, or if you aren't sure. Antibiotics do not work on viruses such as those that cause colds, flu, or COVID-19. [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Or are you not sure?	Decline
(J) 01/20/23	1657	20	7	13	59	20	39	20	0

FL120.

FL120. Have you had the seasonal flu during the current flu season?

Wave	N	Yes	No	Or are you not sure?	Decline
(J) 01/20/23	1657	14	82	5	0

FL121.

FL121. Which best describes your most recent experience with the seasonal flu?

Wave	N	No symptoms	Mild symptoms	Moderate symptoms	Severe symptoms	Don't know	Decline
(J) 01/20/23	218	8	29	43	19	0	0

FL122.

FL122. As far as you know, please indicate how effective, if at all, you think the seasonal flu shot distributed in the U.S. is at reducing the risk of getting seasonal flu this year.

Wave	N	NET Uneffective	Not at all effective	Not too effective	NET Effective	Somewhat effective	Very effective	Or are you not sure?	Decline
(J) 01/20/23	1657	12	5	7	73	47	27	15	0

MP3A2.

MP3A2. How worried, if at all, are you about you or someone in your family contracting COVID-19 in the next 3 months?

Wave	N	NET Unworried	Not at all worried	Not too worried	NET Worried	Somewhat worried	Very worried	Don't know	Decline
(J) 01/20/23	1657	64	20	44	36	30	7	0	0

MP3B2.

MP3B2. How worried, if at all, are you about you or someone in your family contracting poliovirus in the next 3 months?

Wave	N	NET Unworried	Not at all worried	Not too worried	NET Worried	Somewhat worried	Very worried	Don't know	Decline
(J) 01/20/23	1657	89	52	37	11	8	3	0	e

MP3C2.

MP3C2. How worried, if at all, are you about you or someone in your family contracting RSV (Respiratory Syncytial Virus) in the next 3 months?

Wave	N	NET Unworried	Not at all worried	Not too worried	NET Worried	Somewhat worried	Very worried	Don't know	Decline
(J) 01/20/23	1657	67	24	44	33	26	7	0	0

MP3D2.

MP3D2. How worried, if at all, are you about you or someone in your family contracting seasonal flu in the next 3 months?

Wave	N	NET Unworried	Not at all worried	Not too worried	NET Worried	Somewhat worried	Very worried	Don't know	Decline
(J) 01/20/23	1657	64	18	46	35	30	6	0	e

suddeath1.

suddeath1. As far as you know, has the number of young athletes dying of heart problems increased, decreased, or remained about the same in the past three years, or are you not sure?

Wave	N	Increased	Decreased	Remained about the same	Or are you not sure?	Decline
(J) 01/20/23	1657	26	2	23	49	0