

# ASPA COVID-19 PUBLIC EDUCATION CAMPAIGN

A campaign to increase vaccine acceptance and reinforce basic prevention measures



## CET – Annotated Questionnaire (Wave 66)

Note: The questions below are the proposed questions for the 66<sup>th</sup> wave of the Weekly Current Events Tracker (CET). Questions highlighted in yellow will be asked every week; questions highlighted in blue will be rotated into the survey on a monthly basis; and questions highlighted in green are meant to be asked in this wave only or are being asked again to update data on a variable of interest. We will be fielding questions about perceptions of vaccines for children under 5, Novavax, COVID risk perceptions, vaccine motivations, and misinformation.

For the next section we would like to talk about current events.

// Page Break //

//BASE: All respondents//

Item #: Q1

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

beh1\_cet\_r: Have you received a COVID-19 vaccine?

Variable Label: beh1\_cet\_r: Vaccination behavior

| Value | Value Label  |
|-------|--|
| 0     | No, I have not received a COVID-19 vaccine                           |
| 1     | Yes, but I have only received one shot out of the two required shots |
| 2     | Yes, I have received all of the required shots                       |
| -99   | Refused  |

// Page Break //

//BASE: beh1\_cet\_r=1 or 2//

Item #: Q2

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

vaccine\_id: Which COVID-19 vaccine did you receive?

Variable Label: vaccine\_id: Vaccine ID

| Value | Value Label               |
|-------|---------------------------|
| 2     | Johnson & Johnson/Janssen |
| 3     | Moderna                   |
| 4     | Pfizer-BioNTech           |
| 5     | Other                     |
| 99    | I do not remember         |

|      |            |
|------|------------|
| -99  | Refused    |
| -100 | Valid skip |

// Page Break //

//BASE: beh1\_cet\_r=2//

Item #: Q3

Question Type: Dropdown menu

// Soft Prompt: "We would like your response to this question." //

**fully\_vacc\_date:** Approximately when did you receive your final COVID vaccine dose? Final vaccine dose refers to either the second dose of the Pfizer or Moderna vaccine, or the single dose of the Johnson & Johnson vaccine.

Please do not consider booster shots for this question. If you do not remember the exact date, give your best guess.

**Variable Label:** fully\_vacc\_date: Date of vaccination

Participants select date from range: December 1, 2020 to present

// Page Break //

//BASE: beh1\_cet\_r=2//

Item #: Q4

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**booster\_uptake4:** U.S. health officials and medical experts now recommend COVID-19 vaccine booster shots. Have you received a COVID-19 vaccine booster shot?

**Variable Label:** booster\_uptake4: Booster uptake – April 2022 guidance

| Value | Value Label                          |
|-------|--------------------------------------|
| 0     | No                                   |
| 1     | Yes, I have received 1 booster shot  |
| 2     | Yes, I have received 2 booster shots |
| -99   | Refused                              |
| -100  | Valid skip                           |

// Page Break //

//BASE: (booster\_uptake4=0 & vaccine\_id=2 & fully\_vacc\_date=before April 17, 2022) OR (booster\_uptake4=0 & vaccine\_id=3-4 & fully\_vacc\_date=before January 17, 2022) //

Item #: Q5

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**booster\_elig\_uptake3:** You are currently eligible to receive a COVID-19 vaccine booster shot. What is the likelihood that you will get one?

**Variable Label:** booster\_elig\_uptake4: Booster uptake likelihood – eligible adults

| Value | Value Label                 |
|-------|-----------------------------|
| 1     | Very unlikely               |
| 2     | Somewhat unlikely           |
| 3     | Neither likely nor unlikely |
| 4     | Somewhat likely             |
| 5     | Very likely                 |
| -99   | Refused                     |
| -100  | Valid skip                  |

// Page Break //

//BASE: (booster\_uptake4=0 & vaccine\_id=2 & fully\_vacc\_date=April 17, 2022 or later) OR  
(booster\_uptake4=0 & vaccine\_id=3-4 & fully\_vacc\_date=January 17, 2022 or later)

Item #: Q6

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**booster\_likely\_v2:** What is the likelihood that you will get a COVID-19 vaccine booster shot when eligible?

**Variable Label:** booster\_likely\_v2: Booster uptake likelihood – not yet eligible

| Value | Value Label                 |
|-------|-----------------------------|
| 1     | Very unlikely               |
| 2     | Somewhat unlikely           |
| 3     | Neither likely nor unlikely |
| 4     | Somewhat likely             |
| 5     | Very likely                 |
| -99   | Refused                     |
| -100  | Valid skip                  |

// Page Break //

//BASE: beh1\_cet\_r=0 OR -99//

Item #: Q7

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**beh2a\_cet:** What is the likelihood that you will get a COVID-19 vaccine?

**Variable Label:** beh2a: Intention to get vaccinated

| Value | Value Label                 |
|-------|-----------------------------|
| 1     | Very unlikely               |
| 2     | Somewhat unlikely           |
| 3     | Neither likely nor unlikely |
| 4     | Somewhat likely             |
| 5     | Very likely                 |
| -99   | Refused                     |
| -100  | Valid Skip                  |

// Page Break //

//BASE: beh1\_cet\_r=0 OR -99//

Item #: Q8

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**beh3a\_cet\_r:** How soon will you get vaccinated?

**Variable Label:** beh3a\_cet\_r: Wait to get vaccinated

| Value | Value Label  |
|-------|--|
| 1     | I will get a vaccine as soon as I can                |
| 2     | I will wait to get a vaccine for one or more reasons |
| 3     | I will never get a COVID-19 vaccine                  |
| -99   | Refused  |
| -100  | Valid Skip   |

//BASE: All respondents//

Item #: Q9

Question Type: Single punch

// Soft Prompt: "We would like your response to this question." //

**vax\_know**: How much do you know about the COVID vaccines?**Variable Label**: vax\_know: knowledge about COVID vaccines

| Value | Value Label                                  |
|-------|--|
| 1     | I know almost nothing about COVID vaccines   |
| 2     | I know a little bit about COVID vaccines     |
| 3     | I know a fair amount about COVID vaccines    |
| 4     | I know a lot about COVID vaccines            |
| 5     | I have expert knowledge about COVID vaccines |
| -99   | Refused                                      |

// Page Break //

//BASE: All respondents//

Item #: Q10-Q13

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

**misinform**: How much do you agree or disagree with the following statements?

//PROGRAMMING NOTE: RANDOMIZE ITEMS. Split grid across four pages (every 5 questions) //

| Variable Name       | Variable Text   | Variable Label                      |
|---------------------|---|-------------------------------------|
| <b>misinform_2</b>  | If someone gets COVID-19 and recovers, they don't need to get a COVID-19 vaccine.   | misinform_2: Already had COVID-19   |
| <b>misinform_3</b>  | Getting a COVID-19 vaccine can give people COVID-19.  | misinform_3: Give you COVID-19      |
| <b>misinform_5</b>  | In order to be authorized for use, the COVID-19 vaccines must go through extensive testing over three phases of clinical trials with thousands of participants. | misinform_5: Authorization process  |
| <b>misinform_6</b>  | The COVID-19 vaccines include microchips used to track people.  | misinform_6: Microchips             |
| <b>misinform_7</b>  | COVID-19 vaccines alter people's DNA.   | misinform_7: Alter DNA              |
| <b>misinform_9</b>  | Natural immunity is healthier and more effective than vaccine-induced immunity.   | misinform_9: Natural immunity       |
| <b>misinform_10</b> | If everyone around you is immune, then you don't need to be vaccinated.   | misinform_10: Everyone is immune    |
| <b>misinform_11</b> | Vaccines can cause autism.  | misinform_11: Autism                |
| <b>misinform_12</b> | Once someone receives the COVID-19 vaccine, they're immune for life.  | misinform_12: Immune for life       |
| <b>misinform_14</b> | COVID-19 vaccines can cause a short fever, headache, fatigue, sore arm or chills, especially after the second dose. Other reactions are extremely rare.         | misinform_14: Severe reactions rare |
| <b>misinform_17</b> | Many people have died from the COVID-19 vaccines.   | misinform_17: Vaccine causes deaths |
| <b>misinform_18</b> | COVID-19 vaccines can cause infertility.  | misinform_18: Infertility           |
| <b>misinform_19</b> | Getting a COVID-19 vaccine while pregnant   | misinform_19: Miscarriage           |

|                     |  |   |
|---------------------|--|---|
|                     | can cause a miscarriage.   |   |
| <b>misinform_23</b> | COVID-19 vaccines contain aborted human fetal tissue.                                | misinform_23: Vaccines contain aborted fetal tissue   |
| <b>misinform_25</b> | Ivermectin can be used to prevent or treat COVID-19.                                 | misinform_25: Ivermectin                              |
| <b>misinform_26</b> | Once someone has had COVID, they're immune for life.                                 | misinform_26: Post-infection immunity                 |
| <b>misinform_27</b> | If someone gets COVID and has few or no symptoms, they can't get long COVID.         | misinform_27: Long COVID                              |
| <b>misinform_28</b> | The need for COVID-19 booster shots is proof that the vaccines do not work.          | misinform_28: Boosters proof that vaccines don't work |
| <b>misinform_29</b> | COVID vaccines were rushed into production, so we don't really know if they're safe. | misinform_29: Rushed production                       |
| <b>misinform_30</b> | If someone has been vaccinated and had COVID, they do not need a booster shot.       | misinform_30: Vaxxed and infected – no booster        |

| Value | Value Label                |
|-------|----------------------------|
| 1     | Strongly disagree          |
| 2     | Somewhat disagree          |
| 3     | Neither agree nor disagree |
| 4     | Somewhat agree             |
| 5     | Strongly agree             |
| 99    | Don't know                 |
| -99   | Refused                    |

**// Page Break //**

**//BASE: All respondents//**

Almost all of the statements you saw on the previous pages were false. The only true statements were “In order to be authorized for use, the COVID-19 vaccines must go through extensive testing over three phases of clinical trials with thousands of participants” and “COVID-19 vaccines can cause a short fever, headache, fatigue, sore arm or chills, especially after the second dose. Other reactions are extremely rare.” The other statements were examples of misinformation about COVID, vaccines, and boosters.

Please visit [vaccines.gov](https://vaccines.gov) or [cdc.gov/coronavirus](https://cdc.gov/coronavirus) to learn more about vaccines and boosters.

**// Page Break //**

**//BASE: All respondents//**

Item #: **Q14**

Question Type: Multi punch

// Soft Prompt: “We would like your response to this question.” //

**parent:** Are you the parent of a child or children in the following age groups?

**Variable Label:** parent: Parent of children in following age groups

| Value | Value Label               |
|-------|---------------------------|
| 1     | Younger than 6 months old |
| 2     | 6 months to <2 years old  |
| 3     | 2 to 4 years old          |

|     |   |
|-----|---|
| 4   | 5 to 11 years old   |
| 5   | 12 to 15 years old  |
| 6   | 16 to 17 years old  |
| 99  | None of the above, I do not have children in those age groups [EXCLUSIVE] |
| -99 | Refused   |

// Page Break //

//BASE: Parent=4-6//

Item #: Q15

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

**child\_vaxxed\_2:** Has your child(ren) in the following age group(s) received a COVID-19 vaccine?

*Note: If you have more than one child in the same age group, please answer for at least one of them.*

| Variable Name    | Variable Text                              | Variable Label                       |
|------------------|--|--------------------------------------|
| child_vaxxed_2_4 | 5 to 11 years old [ONLY SHOW IF parent=4]  | child_vaxxed_2_4: 5 to 11 years old  |
| child_vaxxed_2_5 | 12 to 15 years old [ONLY SHOW IF parent=5] | child_vaxxed_2_5: 12 to 15 years old |
| child_vaxxed_2_6 | 16 to 17 years old [ONLY SHOW IF parent=6] | child_vaxxed_2_6: 16 to 17 years old |

| Value | Value Label   |
|-------|---|
| 0     | No, has not received a COVID-19 vaccine                           |
| 1     | Yes, but has only received one shot out of the two required shots |
| 2     | Yes, has received all of the required shots                       |
| -99   | Refused   |
| -100  | Valid skip  |

// Page Break //

//BASE: child\_vaxxed\_2\_4=2 AND/OR child\_vaxxed\_2\_5=2 AND/OR child\_vaxxed\_2\_6=2//

Item #: Q16

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

**child\_boosted:** Has your child(ren) in the following age group(s) received a COVID-19 vaccine booster shot?

*Note: If you have more than one child in the same age group, please answer for at least one of them.*

| Variable Name   | Variable Text  | Variable Label                      |
|-----------------|--|-------------------------------------|
| child_boosted_4 | 5 to 11 years old [ONLY SHOW IF child_vaxxed_2_4=2]  | child_boosted_4: 5 to 11 years old  |
| child_boosted_5 | 12 to 15 years old [ONLY SHOW IF child_vaxxed_2_5=2] | child_boosted_5: 12 to 15 years old |
| child_boosted_6 | 16 to 17 years old [ONLY SHOW IF child_vaxxed_2_6=2] | child_boosted_6: 16 to 17 years old |

| Value | Value Label  |
|-------|--|
| 0     | No, has not received a COVID-19 vaccine booster shot |
| 1     | Yes, has received a COVID-19 vaccine booster shot    |
| -99   | Refused  |
| -100  | Valid skip   |

**// Page Break //**

**//BASE: All respondents//**

**Item #: Q17**

**Question Type:** Single punch grid

**// Soft Prompt: “We would like your response to this question.”//**

**novavax\_aware:** Novavax has submitted a request for Emergency Use Authorization of their COVID vaccine to the Food and Drug Administration (FDA). How familiar are you with the Novavax COVID vaccine?

**Variable Label:** novavax\_aware: Familiarity with Novavax

| Value | Value Label         |
|-------|---------------------|
| 1     | Not at all familiar |
| 2     | Slightly familiar   |
| 3     | Moderately familiar |
| 4     | Very familiar       |
| -99   | Refused             |

**// Page Break //**

**//BASE: All respondents//**

**Item #: Q18**

**Question Type:** Single punch grid

**// Soft Prompt: “We would like your response to this question.”//**

**novavax\_perc:** The Novavax COVID vaccine is not an mRNA vaccine—it contains the spike protein that is on the surface of the virus that causes COVID, but formulated in a way which cannot cause disease. When the vaccine is injected, it causes the immune system to produce antibodies and immune responses so that the body will be able to recognize and attack the coronavirus when it enters the body.

Thinking about the Novavax COVID vaccine, how much do you agree or disagree with the following questions?

**//PROGRAMMING NOTE: RANDOMIZE options //**

| Variable Name        | Variable Text  | Variable Label                            |
|----------------------|--|---|
| <b>novavax_perc1</b> | I think the Novavax COVID vaccine is safer than the other COVID vaccines that are available (Pfizer, Moderna, or Johnson & Johnson). | novavax_perc1: Novavax is safer           |
| <b>novavax_perc2</b> | I am worried about the potential side effects of the Novavax COVID vaccine.  | novavax_perc2: Worried about side effects |
| <b>novavax_perc3</b> | I think more research should be done on the Novavax COVID vaccine before it is authorized by the FDA.                                | novavax_perc3: More research needed       |
| <b>novavax_perc4</b> | I am more likely to get the Novavax COVID vaccine than I am to get one of the other COVID vaccines that are available. [ONLY SHOW IF | novavax_perc4: More likely to get Novavax |



|               |   |                                    |
|---------------|---|------------------------------------|
|               | beh1_cet_r=0 OR -99]  |                                    |
| novavax_perc5 | I plan to get the Novavax COVID vaccine. [ONLY SHOW IF beh1_cet_r=0 OR -99] | novavax_perc5: Plan to get Novavax |

| Value | Value Label                |
|-------|----------------------------|
| 1     | Strongly disagree          |
| 2     | Somewhat disagree          |
| 3     | Neither agree nor disagree |
| 4     | Somewhat agree             |
| 5     | Strongly agree             |
| -99   | Refused                    |

// Page Break //

//BASE: All respondents //

Item #: Q19

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question."//

kid\_vax\_aware: Moderna and Pfizer-BioNTech are applying to the FDA for authorization for COVID vaccines for children ages 6 months to under 5 years old.

How familiar are you with COVID vaccines for children under 5?

Variable Label: kid\_vax\_aware: Familiarity with children's vaccines

| Value | Value Label         |
|-------|---------------------|
| 1     | Not at all familiar |
| 2     | Slightly familiar   |
| 3     | Moderately familiar |
| 4     | Very familiar       |
| -99   | Refused             |

// Page Break //

//BASE: All respondents //

Item #: Q20

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

kid\_vax\_perc: Moderna and Pfizer-BioNTech are applying to the FDA for authorization for COVID vaccines for children ages 6 months to under 5 years old.

How much do you agree or disagree with the following statements?

//PROGRAMMING NOTE: randomize variables in grid//

| Variable Name | Variable Text  | Variable Label   |
|---------------|--|--|
| kid_vax_perc1 | It is important for children under 5 to be able to get a COVID vaccine.              | kid_vax_perc1: Important for children to be vaccinated |
| kid_vax_perc3 | I have heard or read about developments in vaccines for children under the age of 5. | kid_vax_perc3: Heard or read about developments        |
| kid_vax_perc4 | I am following the news about vaccines   | kid_vax_perc4: Following                               |



|               |  |   |
|---------------|--|---|
|               | for children under 5.  | news                                    |
| kid_vax_perc5 | I think vaccines for children under 5 are unnecessary.                   | kid_vax_perc5: Vaccines are unnecessary |
| kid_vax_perc6 | I have heard that vaccines for children under 5 will be authorized soon. | kid_vax_perc6: Authorized soon          |

| Value | Value Label                |
|-------|----------------------------|
| 1     | Strongly disagree          |
| 2     | Somewhat disagree          |
| 3     | Neither agree nor disagree |
| 4     | Somewhat agree             |
| 5     | Strongly agree             |
| -99   | Refused                    |

// Page Break //

//BASE: All respondents//

Item #: Q21

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

covid\_risk: When it comes to getting sick with COVID, how concerned are you personally about each of the following?

//PROGRAMMING NOTE: RANDOMIZE variables in grid//

| Variable Name | Variable Text                           | Variable Label                    |
|---------------|---|-----------------------------------|
| covid_risk_1  | Developing short-term COVID symptoms.   | covid_risk_1: Short term symptoms |
| covid_risk_2  | Developing long-term COVID symptoms.    | covid_risk_2: Long term symptoms  |
| covid_risk_3  | Being hospitalized because of COVID.    | covid_risk_3: Hospitalization     |
| covid_risk_4  | Dying because of COVID.                 | Covid_risk_4: Death               |
| covid_risk_5  | Infecting family or friends with COVID. | covid_risk_5: Infecting others    |

| Value | Value Label          |
|-------|----------------------|
| 1     | Not at all concerned |
| 2     | Slightly concerned   |
| 3     | Moderately concerned |
| 4     | Very concerned       |
| -99   | Refused              |

// Page Break //

//BASE: beh1\_cet\_r=0 or -99 or 2 OR booster\_uptake4=0 or -99//

Item #: Q22

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question." //

vax\_cost: COVID vaccines and boosters are currently free for everyone in the United States, whether they have insurance or not. Thinking about this, how much do you agree or disagree with the following statements?

//PROGRAMMING NOTE: RANDOMIZE variables in grid//

| Variable Name | Variable Text  | Variable Label                         |
|---------------|--|--|
| vax_cost_1    | I would be more likely to get a COVID booster now if I knew that the boosters would not be free at some point in the future. [SHOW ONLY IF booster_uptake4=0 or -99] | vax_cost_1: More likely to get booster |
| vax_cost_2    | I would be less likely to get a COVID booster if I had to pay for it. [SHOW ONLY IF booster_uptake4=0 or -99]  | vax_cost_2: Less likely to get booster |
| vax_cost_3    | I would be more likely to get a COVID vaccine now if I knew that vaccines would not be free at some point in the future. [SHOW ONLY IF beh1_cet_r=0 or -99]          | vax_cost_3: More likely to get vaccine |
| vax_cost_4    | I would be less likely to get a COVID vaccine if I had to pay for it. [SHOW ONLY IF beh1_cet_r=0 or -99]   | vax_cost_4: Less likely to get vaccine |
| vax_cost_5    | I am worried that I will not be able to afford COVID boosters if they are not free in the future. [SHOW ONLY IF beh1_cet_r=2]  | vax_cost_5: Booster affordability      |

| Value | Value Label                |
|-------|----------------------------|
| 1     | Strongly disagree          |
| 2     | Somewhat disagree          |
| 3     | Neither agree nor disagree |
| 4     | Somewhat agree             |
| 5     | Strongly agree             |
| -99   | Refused                    |

// Page Break //

//BASE: All respondents//

Item #: Q23

Question Type: Single punch grid

// Soft Prompt: "We would like your response to this question."//

ptn\_w66: We are interested in your opinion of a few messages about COVID-19 vaccines or boosters.

For each of the below messages, please indicate how much you agree or disagree with the following statement:

**"I would share the information in the message with a friend or family member who wants to know more about COVID-19 vaccines or boosters."**

//PROGRAMMING NOTE: randomize variables in grid//

| Variable Name | Variable Text   | Variable Label                   |
|---------------|---|----------------------------------|
| ptn_w66_1     | Over 100 million Americans have gotten a COVID booster—but that's less than half of those who should get one. For extra protection against COVID, get your booster as soon as you can.    | ptn_w65_1: 100 million Americans |
| ptn_w66_2     | There are now over 2,500 federal- and state-supported Test to Treat locations at local pharmacies and community health centers that provide antiviral treatments to higher risk patients. | ptn_w65_2: Test to Treat         |
| ptn_w66_3     | The latest data show that unvaccinated adolescents ages 12-17 are about twice as likely to be hospitalized  | ptn_w65_3: Adolescents ages 12-  |

|           |   |                                |
|-----------|---|--------------------------------|
|           | with COVID compared to those who are vaccinated.  | 17                             |
| ptn_w66_4 | Recent studies estimate that between 2-25% of children who get COVID get long COVID symptoms that can last for weeks or months after infection.                                 | ptn_w65_4: 2-25% of children   |
| ptn_w66_5 | Your child is at the lowest risk when they are up to date with COVID vaccines and boosters. That means getting recommended vaccines and boosters as soon as they're old enough. | ptn_w65_5: Child's lowest risk |

| Value | Value Label                |
|-------|----------------------------|
| 1     | Strongly disagree          |
| 2     | Disagree                   |
| 3     | Neither agree nor disagree |
| 4     | Agree                      |
| 5     | Strongly agree             |
| -99   | Refused                    |