

Annenberg Public Policy Center of the University of Pennsylvania

Whooping Cough Items

December 16, 2024

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.

ASAPH panelists are quarantined from other survey panel membership to avoid being affected by the content of other surveys. Data used in Wave 11, however, contains 19 respondents who self-reported membership in other opinion panels. Diagnostics revealed no significant differences in the responses of these 19 panelists and the results presented in this report are unaffected by their exclusion.

| Wave | n | MOE | Deff | Fielded | Closed | Survey | RR | N |
|------|-------|-----|------|------------|------------|----------|-----|------|
| A-1 | 1941 | 2.9 | 1.76 | 2021-03-30 | 2021-04-19 | ASAPH 1 | 56% | 3480 |
| B-2 | 1719 | 3.2 | 1.83 | 2021-06-09 | 2021-06-22 | ASAPH 2 | 89% | 1941 |
| C-3 | 1669 | 3.2 | 1.83 | 2021-08-16 | 2021-09-05 | ASAPH 3 | 86% | 1940 |
| D-4 | 1672 | 3.3 | 1.86 | 2021-11-03 | 2021-11-09 | ASAPH 4 | 86% | 1940 |
| E-5 | 1656 | 3.3 | 1.86 | 2022-01-11 | 2022-01-17 | ASAPH 5 | 85% | 1937 |
| F-6 | 1638 | 3.3 | 1.87 | 2022-03-29 | 2022-04-04 | ASAPH 6 | 85% | 1932 |
| G-7 | 1580 | 3.2 | 1.82 | 2022-07-12 | 2022-07-18 | ASAPH 7 | 82% | 1928 |
| H-8 | 1584 | 3.4 | 1.86 | 2022-08-02 | 2022-08-08 | CIVICS 1 | 83% | 1907 |
| I-9 | 1621 | 3.3 | 1.87 | 2022-08-16 | 2022-08-23 | ASAPH 8 | 85% | 1907 |
| J-10 | 1646 | 3.2 | 1.80 | 2022-10-11 | 2022-10-18 | ASAPH 9 | 86% | 1905 |
| K-11 | 1657 | 3.2 | 1.77 | 2023-01-10 | 2023-01-16 | ASAPH 10 | 82% | 2029 |
| L-12 | 1638 | 3.2 | 1.75 | 2023-02-22 | 2023-02-28 | ASK 2023 | 81% | 2025 |
| M-13 | 1622 | 3.2 | 1.76 | 2023-03-23 | 2023-03-29 | BINGE | 80% | 2024 |
| N-14 | 1586 | 3.3 | 1.83 | 2023-05-31 | 2023-06-06 | ASAPH 11 | 79% | 1997 |
| O-15 | 1482 | 3.5 | 1.88 | 2023-08-09 | 2023-08-15 | ASAPH 12 | 75% | 1979 |
| P-16 | 1559 | 3.4 | 1.91 | 2023-10-05 | 2023-10-12 | ASAPH 13 | 79% | 1976 |
| Q-17 | 1538 | 3.3 | 1.73 | 2023-11-14 | 2023-11-20 | CLIMATE | 78% | 1975 |
| R-18 | 1555 | 3.4 | 1.89 | 2024-02-06 | 2024-02-12 | ASK 2024 | 79% | 1963 |
| S-19 | 1522 | 3.5 | 1.89 | 2024-04-18 | 2024-04-25 | ASAPH 19 | 78% | 1962 |
| T-20 | 1496 | 3.6 | 1.96 | 2024-07-11 | 2024-07-18 | ASAPH 20 | 76% | 1961 |
| U-21 | 1744* | 3.5 | 2.26 | 2024-09-13 | 2024-09-30 | ASAPH 21 | 67% | 2616 |
| V-22 | 1771 | 3.3 | 2.02 | 2024-11-14 | 2024-11-24 | ASAPH 22 | 68% | 2589 |

* To account for attrition, a small replenishment sample was recruited prior to W21 using a random probability sampling design. This replenishment added 360 respondents to the sample.

2 Topline

The remaining portion of this document provides the topline results reported in the release. All figures are rounded to the nearest whole number and may not add to 100%. Combined subcategories may not add to totals in topline and text due to rounding. A lowercase e stands in for values that round to 0, but are not exactly 0. Aggregated NET categories are highlighted in grey. Superscript letters indicate statistically significant differences with the corresponding wave.

WHP0.

WHP0. You may have heard of a condition called pertussis. Just your best guess, what is pertussis?

| Wave | N | Whooping cough [TRUE] | An inflammation of a tooth | Inflammation of the appendix | An early stage of pregnancy | None of the above | Not sure | Refused Web Blank |
|--------------|------|-----------------------|----------------------------|------------------------------|-----------------------------|-------------------|----------|-------------------|
| (V) 11/24/24 | 1771 | 61 | 1 | 4 | e | 4 | 30 | e |

WHP4.

WHP4. Does a vaccine exist to prevent whooping cough?

| Wave | N | Yes [TRUE] | No | Not sure | Refused Web Blank |
|--------------|------|------------|----|----------|-------------------|
| (V) 11/24/24 | 1771 | 63 | 7 | 30 | 0 |

WHP1_1.

WHP1_1. As far as you know, which disease(s) does the Tdap vaccine protect against? – Pertussis (whooping cough) [TRUE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 56 | 44 |

WHP1_2.

WHP1_2. As far as you know, which disease(s) does the Tdap vaccine protect against? – Diphtheria [TRUE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 53 | 47 |

WHP1_3.

WHP1_3. As far as you know, which disease(s) does the Tdap vaccine protect against? – Tetanus [TRUE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 50 | 50 |

WHP1_4.

WHP1_4. As far as you know, which disease(s) does the Tdap vaccine protect against? – Dengue [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 97 | 3 |

WHP1_5.

WHP1_5. As far as you know, which disease(s) does the Tdap vaccine protect against? – Polio [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 87 | 13 |

WHP1_6.

WHP1_6. As far as you know, which disease(s) does the Tdap vaccine protect against? – Pneumococcal disease (like pneumonia or meningitis) [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 90 | 10 |

WHP1_7.

WHP1_7. As far as you know, which disease(s) does the Tdap vaccine protect against? – Zika [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 99 | 1 |

WHP1_8.

WHP1_8. As far as you know, which disease(s) does the Tdap vaccine protect against? – None of the above

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 99 | 1 |

WHP1_998.

WHP1_998. As far as you know, which disease(s) does the Tdap vaccine protect against? – Or are you not sure?

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 66 | 34 |

WHP1_999.

WHP1_999. As far as you know, which disease(s) does the Tdap vaccine protect against? – Refused/Web Blank

| Wave | N | NOT Selected | Selected |
|--------------|----|--------------|----------|
| (V) 11/24/24 | 39 | 100 | 0 |

A28.

A28. The CDC recommends that adolescents get a single dose of the Tdap vaccine, which protects against tetanus, diphtheria, and pertussis (also known as whooping cough) at 11 or 12 years old, and then a booster dose every 10 years for all adults. If a child aged 11 or 12 years old in your household or an adult in your family were eligible to get the vaccine, how likely, if at all, would you be to recommend that person get a Tdap vaccine?

| Wave | N | NET Unlikely | Not at all likely | Not too likely | NET Likely | Somewhat likely | Very likely | Don't know | Refused Web Blank |
|--------------|------|--------------|-------------------|----------------|------------|-----------------|-------------|------------|-------------------|
| (V) 11/24/24 | 1771 | 14 | 5 | 9 | 85 | 30 | 56 | e | 0 |

EFFECTVAX10.

EFFECTVAX10. As far as you know, for each of the following vaccines, please indicate how effective, if at all, you think getting it is – The Tdap vaccine which protects against tetanus, diphtheria, and pertussis (also known as whooping cough)

| Wave | N | NET Ineffective | Very ineffective | Somewhat ineffective | NET Effective | Somewhat effective | Very effective | Not sure | Refused Web Blank |
|--------------|------|-----------------|------------------|----------------------|---------------|--------------------|----------------|----------|-------------------|
| (V) 11/24/24 | 1771 | 4 | 2 | 2 | 80 | 23 | 57 | 15 | 0 |

WHP2_1.

WHP2_1. As far as you know, which of the following are symptoms of whooping cough? – Runny nose

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 70 | 30 |

WHP2_2.

WHP2_2. As far as you know, which of the following are symptoms of whooping cough? – Low-grade fever

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 56 | 44 |

WHP2_3.

WHP2_3. As far as you know, which of the following are symptoms of whooping cough? – Coughing fits

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 17 | 83 |

WHP2_4.

WHP2_4. As far as you know, which of the following are symptoms of whooping cough? – Vomiting after coughing fits

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 67 | 33 |

WHP2_5.

WHP2_5. As far as you know, which of the following are symptoms of whooping cough? – Chills [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 72 | 28 |

WHP2_6.

WHP2_6. As far as you know, which of the following are symptoms of whooping cough? – Headache [FALSE]

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 70 | 30 |

WHP2_998.

WHP2_998. As far as you know, which of the following are symptoms of whooping cough? – Or are you not sure?

| Wave | N | NOT Selected | Selected |
|--------------|------|--------------|----------|
| (V) 11/24/24 | 1771 | 86 | 14 |

WHP2_999.

WHP2_999. As far as you know, which of the following are symptoms of whooping cough? – Refused/Web Blank

| Wave | N | NOT Selected | Selected |
|--------------|----|--------------|----------|
| (V) 11/24/24 | 39 | 100 | 0 |

WHP3.

WHP3. As far as you know, if a healthy adult got whooping cough, what would they be likely to experience?

| Wave | N | No symptoms | Mild symptoms | Moderate symptoms | Severe symptoms | Not sure | Refused Web Blank |
|--------------|------|-------------|---------------|-------------------|-----------------|----------|-------------------|
| (V) 11/24/24 | 1771 | 1 | 21 | 34 | 15 | 29 | e |