

## COVID-19 Vaccination Coverage and Vaccine Confidence

The COVIDVaxView dashboard contains 5 screens that display different visualizations of COVID-19 vaccination coverage and vaccine confidence data. On each screen, the users can make selections that will filter geography, survey collection period, indicator, and characteristic variables. The corresponding visuals will update dynamically to show data filtered by user selection.

The Data Table screen includes weekly **National and Regional Data** and monthly **National, Regional and Jurisdictional Data**. Users can select from estimates of COVID-19 vaccination coverage, vaccination uptake and intent, and key experiences, attitudes, and behaviors related to COVID-19 vaccination. These estimates are stratified by demographic characteristics, and social and behavioral indicators. Users can select one *Geography*, one *Data Collection Period* (which is dependent upon Geography selected), one or more *Indicators*, and one or more *Characteristic*. Once selections are made, the below table will output the corresponding estimates for each selected characteristic group filtered by geography and data collection period. In addition, 95% confidence intervals of the estimate are provided.

All data table estimates are based on the total number of people in each category. For example, the number of females vaccinated ( $\geq 1$  dose) is estimating the  $(\text{Number of Females Who are Vaccinated} / \text{The Total Number of Females in the United States}) * 100$ .

Click the arrows to select from the drop-down filter.

**National and Regional Data Table**

**Weekly Trends**

**Monthly Region and Jurisdictional Maps**

**Vaccination and Intent Profiles**

**Data Notes**

**Geography**

- National Estimates
- HHS Regional Estimates
- Jurisdictional Estimates
  - Alabama
  - Alaska
  - Arizona
  - Arkansas
  - California

**Data Collection Period**

- Weekly
  - Apr 25 - May 1
  - May 2 - May 8
  - May 9 - May 15
  - May 16 - May 22
  - May 23 - May 29
  - May 30 - June 5
  - June 6 - June 12

**Indicators**

- Vaccination Coverage
  - Vaccinated ( $\geq 1$  dose)
  - Fully Vaccinated With 1 or 2 Doses
- Vaccination Uptake and Intention
  - Vaccinated ( $\geq 1$  dose)
  - Definitely will get vaccinated
  - Probably will get vaccinated or are unsure
  - Probably or definitely will not get vaccinated

**Characteristics**

- All adults age 18+ years
- Vaccination Uptake and Intention
- Demographics
  - Sex
  - Age
  - Race/Ethnicity
  - Age by race/ethnicity
  - Sexual orientation

Use CTRL and click to select multiple Indicators and Characteristics.

		Vaccination Coverage				Vaccination Uptake and Intention					
Indicator Group	Indicator	Vaccinated ( $\geq 1$ dose)		Fully Vaccinated With 1 or 2 Doses		Definitely will get vaccinated		Probably will get vaccinated			
Characteristics		Percent	95% CI	Percent	95% CI	Percent	95% CI	Percent	95% CI		
All											
All adults age 18+ years		55.7	54.2 - 57.3	43.0	41.5 - 44.5	55.7	54.2 - 57.3	9.1	8.1 - 10	16.9	15.6 - 18.2
<b>Vaccination Uptake and Intention</b>											
Vaccinated ( $\geq 1$ dose)				77.3	75.7 - 78.9						
Definitely will get vaccinated											
Probably will get vaccinated or are unsure											
Probably or definitely will not get vaccinated											
<b>Demographics</b>											
Sex											
Female		58.4	56.2 - 60.6	45.8	43.7 - 47.9	58.4	56.2 - 60.6	8.3	7 - 9.7	16.1	14.4 - 17.8
All		52.0	50.0 - 55.2	40.7	39.3 - 42.2	52.0	50.0 - 55.2	8.0	7.5 - 11.2	17.6	15.7 - 19.5

Show Navigation  NIS Adult Survey COVIDVaxView - UAT | Data updated 9/17/21

The **Monthly Trends** or **Weekly Trends** tab shows trends in COVID-19 vaccination coverage, vaccination intent, and key experiences, attitudes, and behaviors related to COVID-19 vaccination by select demographic characteristics and social and behavioral indicators over time. Users can select one *Geography* and one *Data Collection Period* (either Monthly or Weekly, which is dependent upon Geography selected). Users may either select one option from the *Indicator* drop down and one or more options from the *Characteristics* drop down, or they may select one or more options from the *Indicator* drop down and one option from the *Characteristics* drop down. If users select one indicator and one or many characteristics, the below line graph will display the selected indicator estimate over time, with one line for each selected characteristic, filtered by geography and data collection period. If users select one or more indicators and one characteristic, the below line graph will display the selected indicator estimates over time for the selected characteristic, with one line for each selected indicator estimate, filtered by geography and data collection period.

**National, Regional, and Jurisdictional Data Table**

Click the arrows to select from the drop-down filter.

**Monthly Trends**

**Monthly Regional and Jurisdictional Maps**

**Vaccination and Intent Profiles**

**Data Notes**

**Geography**

- National Estimates
- National
- HHS Regional Estimates
- Region 1: CT, ME, MA, NH, RI, VT

**Data Collection Period**

- Weekly
- Monthly

Click to enable multiple options for Indicators.

Click here to enable selection of multiple indicators

**Indicator**

- Vaccination Coverage
  - Unvaccinated
  - Vaccinated ( $\geq 1$  dose)
  - Fully Vaccinated With 1 or 2 Doses
- Vaccination Uptake and Intention
  - Vaccinated ( $\geq 1$  dose)

Characteristics

- All adults age 18+ years
- Demographics
  - Sex
    - Female
    - Male
  - Age
    - 18 – 49 years
    - 50 – 64 years
    -

Use CTRL and click to make multiple selections.

● All adults age 18+ years

Percent [%]

Definitely will get vaccinated (Indicator) by All Adults age 18+ years (Characteristics)

Geography	Data Collection Period	Category	Percent [%]	95% CI
Region 1: CT, ME, MA, NH, RI, VT	August 1 - August 28	All adults age 18+ years	2.1	1.5 – 2.9

Hover to see specific Covid-19 vaccination coverage estimates.

Show Navigation

NIS Adult Survey COVIDVaxView - UAT | Data updated 9/28/21

The **Monthly Regional and Jurisdictional Maps** tab shows a map of COVID-19 vaccination coverage, vaccination intent, and key experiences, attitudes, and behaviors related to COVID-19 vaccination by select demographic characteristics and social and behavioral indicators (by selected month). Users can select to view either by *States* or *HHS Regions* and can select one *Data Collection Period*, one option from the *Indicator* drop down and one option from the *Characteristics* drop down. Once selections are made, the below map will output the corresponding indicator rates filtered by state or HHS region, data collection period, and characteristics.

**National and Regional Data Table** **Monthly Trends** **Monthly Regional and Jurisdictional Maps** **Vaccination and Intent Profiles** **Data Notes**

**States** **HHS Regions**

**Data Collection Period**

- Monthly
  - August 1 - August 28
  - June 27 - July 31
  - May 30 - June 26

Click the arrow to select from the drop-down filter.

**Indicators**

- Vaccination Coverage
  - Unvaccinated
  - Vaccinated ( $\geq 1$  dose)
  - Fully Vaccinated With 1 or 2 Doses
- Vaccination Uptake and Intention
  - Vaccinated ( $\geq 1$  dose)

**Characteristics**

- All adults age 18+ years
- Vaccination Uptake and Intention
- Demographics
- Health and Health Behaviors
- Thinking and Feeling
- Social Processes

**Indicator (Vaccination Coverage):**

**Characteristic (All): All adults age 18+ years**

Hover to see specific Covid-19 vaccination coverage estimates.

Illinois Jurisdiction  
22.5 Percent  
19.6 - 25.8  
95% CI  
20.0 - 39.9 Range

**Indicator (Vaccination Coverage):**

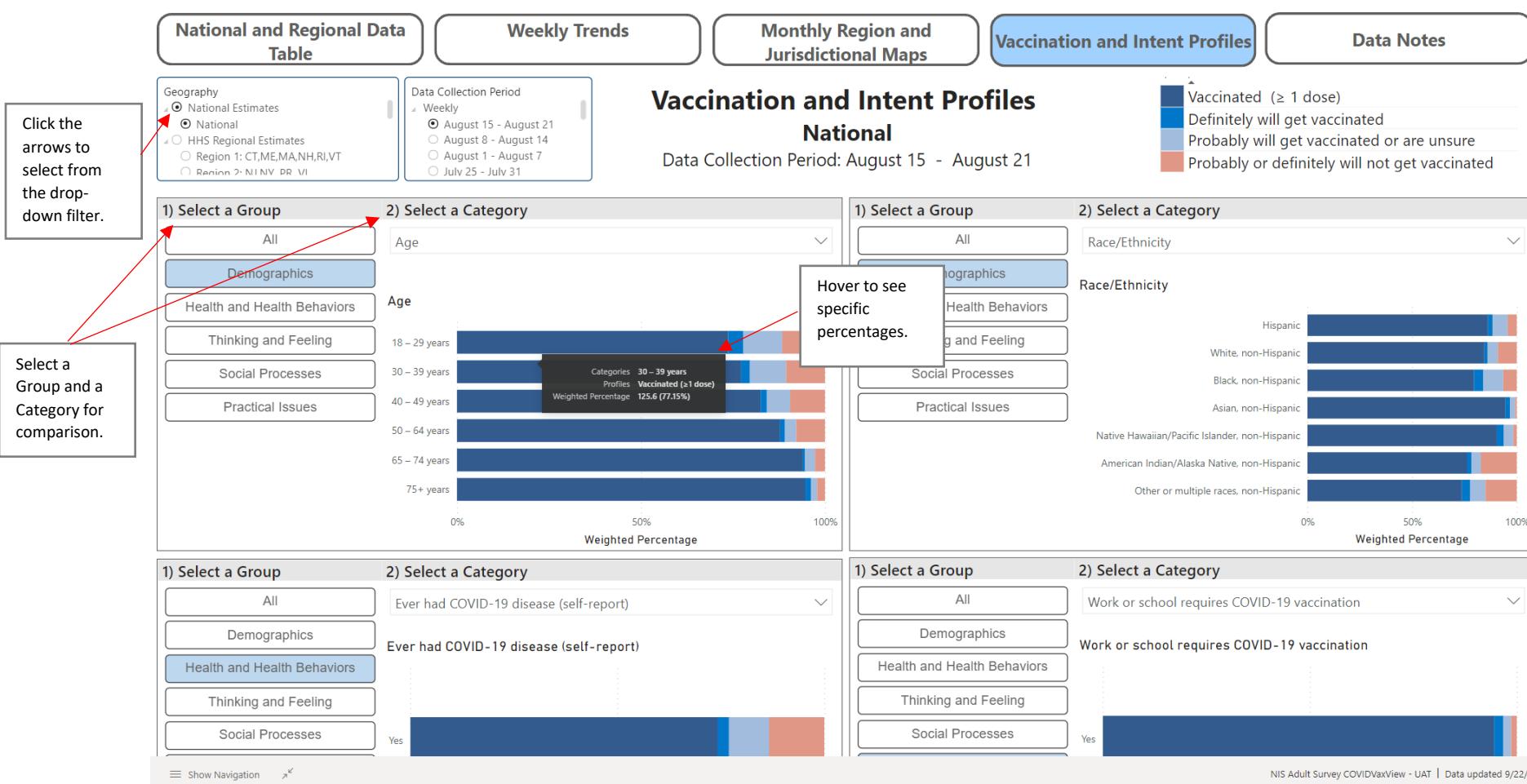
**Characteristic (All): All adults age 18+ years**

Jurisdiction	Percent
National	168.3
Vermont	183.4
Massachusetts	182.8
Hawaii	182.2
Connecticut	181.3
New Jersey	179.9
Rhode Island	178.9
California	178.1
Maine	177.5
New Mexico	177.9
Puerto Rico	177.5
PA-Rest of State	176.8
Illinois	174.7

Show Navigation

NIS Adult Survey COVIDVaxView - UAT | Data updated 9/30/21

The **Vaccination and Intent Profiles** tab shows vaccination intent profiles by select demographic characteristics and social and behavioral indicators. Users can select one Geography and one *Data Collection Period*. Then, select a *Group*, and a *Category* to view multiple comparisons for the selected Data Collection Period.



Below the Vaccination and Intent Profile chart is the Profile Table. The **Profile Table** estimates display a different view of the data, where the denominator is defined by the indicator columns and the numerator by the characteristics. Example: (Number of vaccinated people who are female/ Total number of vaccinated) \*100.

## Vaccination and Intent Profile Table - Alabama

Data Collection Period: Apr 22 - May 29

Indicators Groups	Vaccination Coverage					Vaccination Uptake and Intention		
	Unvaccinated	Vaccinated (≥ 1 dose)	Definitely will get vaccinated	Probably will get vaccinated or are unsure	Probably or definitely will not get vaccinated			
<b>Poverty status</b>								
Above poverty, income <\$75K	10127	9354	5416	9764	9633			
Above poverty, income ≥\$75K	6966	10413	3076	5338	7897			
Below poverty	4787	2651	2984	5074	3902			
Unknown income	7320	6783	3424	7022	7168			
<b>Insurance status</b>								
Insured	24108	27154	11678	21717	23944			
Not insured	4992	2046	2522	4883	4556			
<b>Social Vulnerability Index (SVI) of county of residence</b>								
High SVI	7715	7099	4908	7449	7200			
Moderate SVI	9261	9387	4709	8843	9256			
Low SVI	7301	8711	3121	6432	7186			
SVI unknown	4099	3175	1642	3647	4239			
<b>Political leaning of county of residence</b>								
Republican-leaning	9177	7448	3384	7936	9841			
Not Democrat-leaning or Republican-leaning	8364	7956	3662	7932	8209			
Democrat-leaning	10737	12868	7134	10302	9531			
<b>Essential worker group</b>								
Essential healthcare	2163	3007	877	1855	2315			
School and Childcare	569	1076	251	553	569			
Other frontline worker	3273	2102	1554	3000	3299			
Other essential worker	4971	3017	2237	4294	5238			
Persons who are not essential workers	18224	19999	9783	17398	17179			

The [Data Notes](#) tab provides definitions and footnotes related to the data table, trends, map, and profiles reports.

[Data Table](#)

[Trends](#)

[Monthly Region and Jurisdiction Maps](#)

[Vaccination and Intent Profiles](#)

[Data Notes](#)

**National Immunization Survey Adult COVID Module:** Data from adults aged  $\geq 18$  years are collected by telephone interview using a random-digit-dialed sample of cell telephone numbers stratified by state, the District of Columbia, five local jurisdictions (Bexar County, TX; Chicago, IL; Houston, TX; New York City, NY; and Philadelphia County, PA), Guam (April–July 2021 only), Puerto Rico, and the U.S. Virgin Islands. Data are weighted to represent the non-institutionalized U.S. population and mitigate possible bias that can result from incomplete sample frames (exclusion of households with no phone service or only landline telephones) or non-response. All responses are self-reported. Estimates of vaccination coverage may differ from vaccine administration data reported at [COVID Data Tracker](#). For more information about the survey, see the [NIS website](#).

For complementary information on vaccine confidence, see the [COVID-19 State of Vaccine Confidence Insights Report](#), a biweekly quantitative and qualitative analysis of 14+ data sources compiled by CDC that synthesizes major themes that may influence COVID-19 vaccine confidence and uptake.

**Sample Size:**

Estimates with a sample size of  $<30$  are not shown.

Refer to the downloadable data files for sample sizes and confidence intervals for each field.

Estimates should be interpreted with caution when there is a small sample size or wide confidence interval.

**Definitions:**

**U.S.:** United States

**MSA:** Metropolitan Statistical Area

**Social Vulnerability Index (SVI):** Refers to the potential negative effects on communities caused by external stresses on human health. Such stresses include natural or human-caused disasters, or disease outbreaks. Reducing social vulnerability can decrease both human suffering and economic loss. Data are classified using quartiles (0 to .2500, .2501 to .5000, .5001 to .7500, .7501 to 1.0); the classification goes from least vulnerable to most vulnerable.

**Vaccine Confidence:** Trust that patients, their families, and providers have in recommended vaccines, providers who administer vaccines, and processes and policies that lead to vaccine development, licensure or authorization, manufacturing, and recommendations for use.

**Factors Influencing Vaccine Confidence:** Cultural, social, political, individual, group, vaccine-specific and other factors.