School Immunization Data Dashboard Navigation Guide

Schools can view their immunization rates through the data visualization dashboard made publicly available on our website, that can be accessed **here**. Data reported through the School Nurse Module (SNM) in CHIRP has been used to visualize school immunization data at different geographical levels (county, state), along with school and school corporation level. As the vaccine requirements for the state are based on grade levels, all data on the dashboard can be viewed by a selected grade.

How to Use the Dashboard

The Dashboard visualizes school required immunization data and presents them in different tabs. Each tab consists of a combination of visual elements which can be interacted with using different filters provided on them. Navigation buttons presented as blue boxes are provided on each of the tabs and allow the user to shift from one tab to the other by clicking on it.

1. **Tab one:** Coverage rates by county

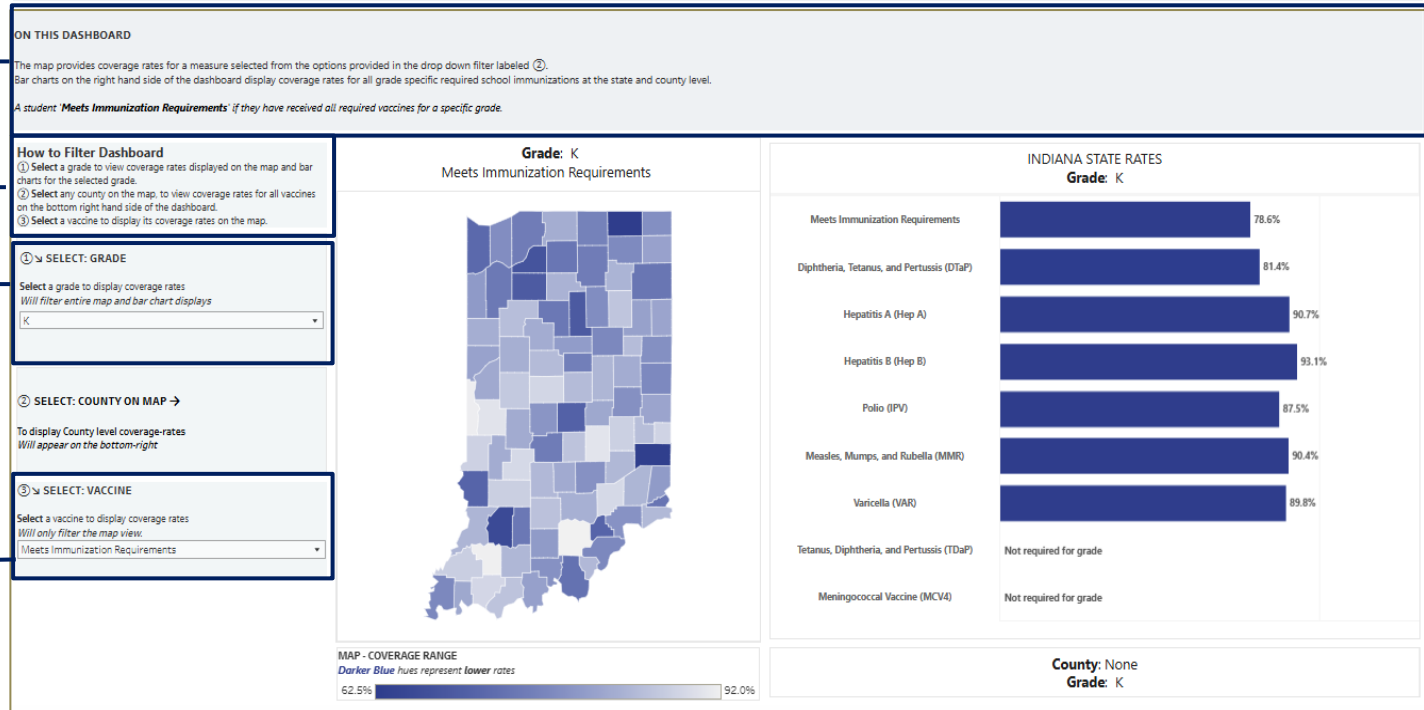2. **Tab two:** Coverage rates by school

3. **Tab three:** About the data

Tab one: Coverage rates by county

Follow the navigation guide to understand the functionality of the different filters on the dashboard.

The first filter "Grade" allows user to filter the data used by all the three visual elements on this dashboard (map and the two bar charts).

The third filter allows user to view coverage rate for the selected measure on the state *map*.

Indiana School Immunization Rates
2024-2025 Academic Year

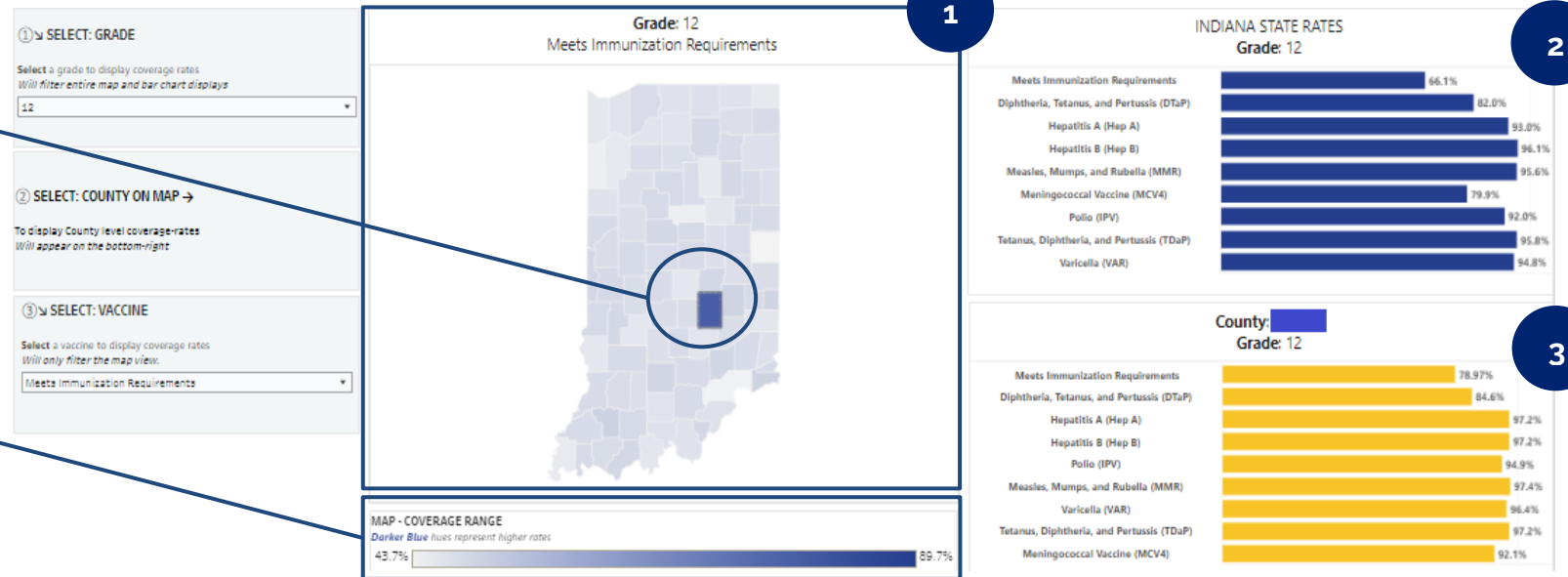| Coverage Rates by County | Coverage Rates by School | About the Data |

ON THIS DASHBOARD

The map provides coverage rates for a measure selected from the options provided in the drop down filter labeled ②.
Bar charts on the right hand side of the dashboard display coverage rates for all grade specific required school immunizations at the state and county level.

A student 'Meets Immunization Requirements' if they have received all required vaccines for a specific grade.

How to Filter Dashboard
① **Select** a grade to view coverage rates displayed on the map and bar charts for the selected grade.
② **Select** any county on the map, to view coverage rates for all vaccines on the bottom right hand side of the dashboard.
③ **Select** a vaccine to display its coverage rates on the map.

① ↘ **SELECT: GRADE**

Select a grade to display coverage-rates
Will filter entire map and bar chart displays

K ▼

② **SELECT: COUNTY ON MAP** →

To display County level coverage-rates
Will appear on the bottom-right

③ ↘ **SELECT: VACCINE**

Select a vaccine to display coverage rates
Will only filter the map view.

Meets Immunization Requirements ▼

Grade: K
Meets Immunization Requirements

MAP - COVERAGE RANGE
Darker Blue hues represent lower rates
62.5% — 92.0%

INDIANA STATE RATES
Grade: K

Meets Immunization Requirements	78.6%
Diphtheria, Tetanus, and Pertussis (DTaP)	81.4%
Hepatitis A (Hep A)	90.7%
Hepatitis B (Hep B)	93.1%
Polio (IPV)	87.5%
Measles, Mumps, and Rubella (MMR)	90.4%
Varicella (VAR)	89.8%
Tetanus, Diphtheria, and Pertussis (TDaP)	Not required for grade
Meningococcal Vaccine (MCV4)	Not required for grade

County: None
Grade: K

Indiana School Immunization Rates
2024-2025 Academic Year

| Coverage Rates by County | Coverage Rates by School | About the Data |

ON THIS DASHBOARD

The map provides coverage rates for a measure selected from the options provided in the drop down filter labeled ②.
Bar charts on the right hand side of the dashboard display coverage rates for all grade specific required school immunizations at the state and county level.

A student 'Meets Immunization Requirements' if they have received all required vaccines for a specific grade.

Selecting a county on the map will display a bar chart on the bottom right-hand side displaying rates for all vaccines for the selected county.

Coverage range provides information on the range of values displayed by the map and the colors assigned to them.

① ↘ SELECT: GRADE
Select a grade to display coverage rates
Will filter entire map and bar chart displays
[12 ▾]

② SELECT: COUNTY ON MAP →
To display County level coverage rates
Will appear on the bottom-right

③ ↘ SELECT: VACCINE
Select a vaccine to display coverage rates
Will only filter the map view.
[Meets Immunization Requirements ▾]

Grade: 12
Meets Immunization Requirements

MAP - COVERAGE RANGE
Darker Blue hues represent higher rates
43.7% ———————————————— 89.7%

INDIANA STATE RATES
Grade: 12

Vaccine	Rate
Meets Immunization Requirements	66.1%
Diphtheria, Tetanus, and Pertussis (DTaP)	82.0%
Hepatitis A (Hep A)	93.0%
Hepatitis B (Hep B)	96.1%
Measles, Mumps, and Rubella (MMR)	95.6%
Meningococcal Vaccine (MCV4)	79.9%
Polio (IPV)	92.0%
Tetanus, Diphtheria, and Pertussis (TDaP)	95.8%
Varicella (VAR)	94.8%

County:
Grade: 12

Vaccine	Rate
Meets Immunization Requirements	78.97%
Diphtheria, Tetanus, and Pertussis (DTaP)	84.6%
Hepatitis A (Hep A)	97.2%
Hepatitis B (Hep B)	97.2%
Polio (IPV)	94.9%
Measles, Mumps, and Rubella (MMR)	97.4%
Varicella (VAR)	96.4%
Tetanus, Diphtheria, and Pertussis (TDaP)	97.2%
Meningococcal Vaccine (MCV4)	92.1%

1. **Map of counties:** The Indiana state map displays coverage, for selected category of vaccines from the vaccine filter, by county. If a user selects any of the counties on the map it will filter the rates displayed by the #3 bar chart by the selected county.

2. **Indiana state rates:** This bar chart displays coverage rates for all required vaccines for children attending school across the state. This bar chart is filtered by grade and allows the user to evaluate the rates for their county to the rates at the state level.

3. **Rates for selected county:** This bar chart breaks down coverage rates for the county selected on the map by all required vaccines for a selected grade.

Tab two: Coverage rates by school

1. **Navigation guide for the dashboard:** The information on this box provides an idea about what data is displayed on the table. It also includes a numbered navigation guide that users can follow and filter the data on the table accordingly.

2. **Data View Selection:** This allows users to switch between tabular data presented at the *state level* and the *school level*. All four filters on this dashboard are functional only upon selecting the *school district* view.

3. **Dropdown filter options:** there are three filter options provided on this dashboard which allows the user to filter the table by school district, school, and grade level. If a selected school district falls under multiple counties, the 4th filter lists these counties and allows the user to select single or multiple counties from this list. All the four filters subsequently affect the table view.

Tab three: About the data

The third tab provides an overview of the data that was used to create the different elements within the dashboard. Definitions necessary to understand different calculations have also been provided in this section.

Data accessibility

The data used to create this dashboard can be accessed through our open data portal available here:

https://hub.mph.in.gov/dataset/immunization-division-s-school-supplemental-dashboard