

School Immunization Data Dashboard 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 as of Feb. 19, 2024, 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.

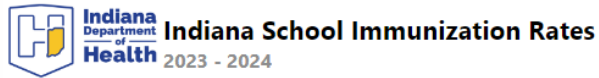
1. **Tab one:** Coverage rates by county
2. **Tab two:** Coverage rates by school
3. **Tab three:** About the data

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.



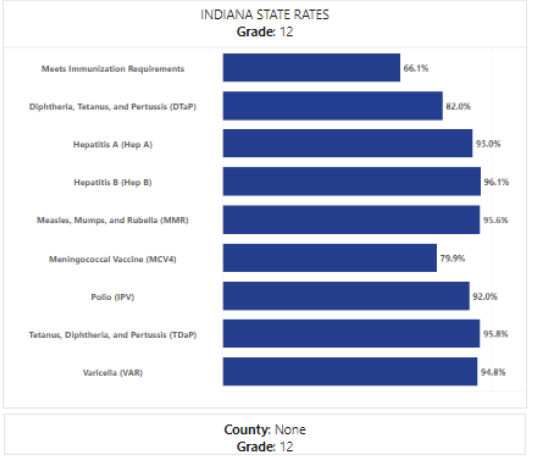
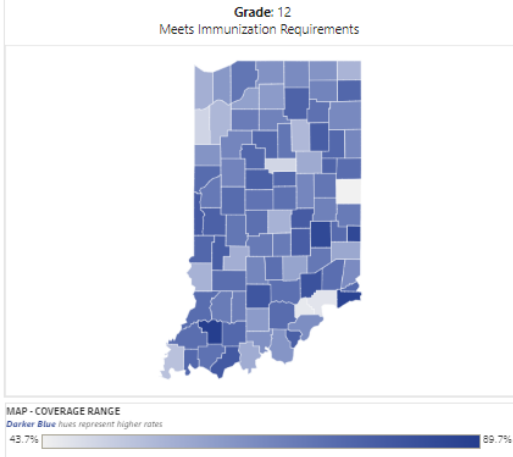
Coverage Rates by County | Coverage Rates by School | About the Data

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.
 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
 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



ON THIS DASHBOARD

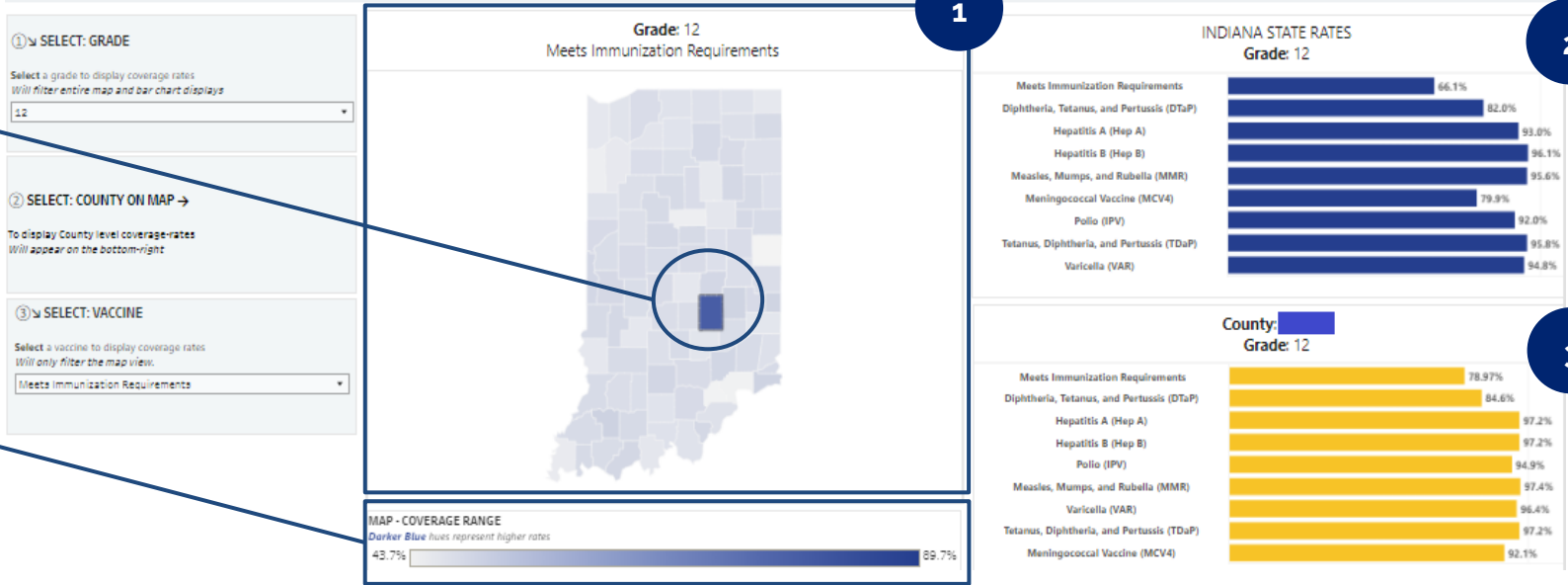
The map provides coverage rates for a measure selected from the options provided in the drop down filter labeled (1). Bar charts on the right hand side of the dashboard display coverage rates for all grade specific required school immunizations at the state and county level.

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

- 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.

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.



- 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.
- 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.
- 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



Coverage Rates by County
Coverage Rates by School
About the Data

The table below displays school immunization rates by school district, school name, and grade level. Information on counties corresponding to a school's location is provided on the first column of the table.

State Level
Select this option to view School Immunization Reported Rates at the State Level

School District
Select this option to view School Immunization Reported Rates at the District Level

Use the filters below to change table views.

① Select a school district to view data for all schools within the selected district
 ② Select one or multiple schools by their name to view data for individual schools within the selected district.
 ③ Select one or multiple grade level for the selected school.
 ④ Select one or multiple counties to view data for schools located within them.

Data View Selection

State Level

School District

① School District

[Redacted]

② School Name

[(All)]

③ Grade

[(All)]

④ County

Only displays counties corresponding to schools within the selected school district

HENDRICKS

School Immunization at School District

County	School Name	Grade Level	IDOE Reported School Enrollment	School Reporting to CHIRP	Meets Immunization Requirements	Diphtheria, Tetanus, and Pertussis (DTaP)	Hepatitis A (Hep A)	Hepatitis B (Hep B)	Polio (IPV)	Measles, Mumps, and Rubella (MMR)	Varicella (VAR)	Tetanus, Diphtheria, and Pertussis (Tdap)	Meningococcal Vaccine (MCV4)
HENDRICKS	[Redacted]	K	122	80.3%	78.6%	80.6%	91.8%	92.9%	86.7%	90.8%	90.8%	Not Required	Not Required
		1	122	63.9%	80.8%	85.9%	96.2%	97.4%	89.7%	94.9%	94.9%	Not Required	Not Required
	[Redacted]	K	114	79.8%	83.5%	84.6%	97.8%	98.9%	95.6%	98.9%	98.9%	Not Required	Not Required
		1	123	75.6%	83.9%	86.0%	96.8%	96.8%	92.5%	96.8%	96.8%	Not Required	Not Required
	[Redacted]	K	151	87.4%	75.8%	80.3%	90.9%	91.9%	84.8%	80.4%	90.9%	Not Required	Not Required
		1	151	72.2%	81.7%	84.4%	97.2%	99.1%	94.5%	98.2%	98.2%	Not Required	Not Required

- 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>.

