

Health Officer Update

Board of Health Meeting 2/10/23

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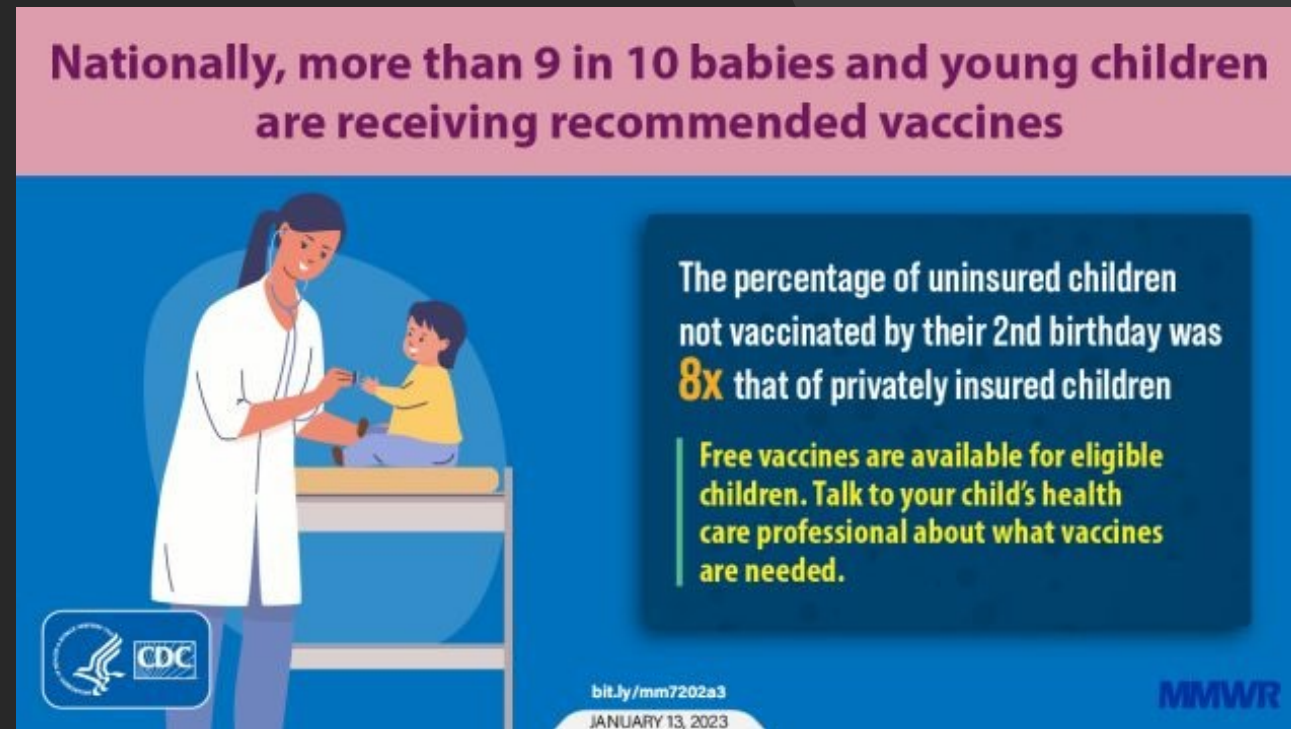
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Public Health
Prevent. Promote. Protect.

CDC MMWR National Vaccination Coverage



- National Immunization Survey–Child, 2019–2021, provides U.S. vaccination coverage data for children up to age 2
- Nationwide, coverage remained high for most vaccines
- No decline in routine vaccinations associated with COVID-19 pandemic found
- Disparities persist – declines seen in children living in rural areas and below federal poverty level



Nationally, more than 9 in 10 babies and young children are receiving recommended vaccines

The percentage of uninsured children not vaccinated by their 2nd birthday was **8x** that of privately insured children

Free vaccines are available for eligible children. Talk to your child's health care professional about what vaccines are needed.

 bit.ly/mm7202a3
JANUARY 13, 2023 

The infographic features a central illustration of a female doctor in a white lab coat examining a young child sitting on a table. The background is a solid blue color. The text is presented in white and yellow on a dark blue background. The CDC logo is in the bottom left, and the MMWR logo is in the bottom right.

CDC MMWR Kindergarten Vaccinations

- Selected vaccines and exemption rates in U.S. kindergarteners, 2021–22 School Year
- 2020-21 school year: state-required vaccines in U.S. kindergarteners declined 95% to 94%
- 2021-22 school year: state-required vaccines decreased to 93%



The infographic features a light blue background with faint icons of children and school supplies. At the top left, there are two backpacks, one blue and one orange. The main text is in a dark blue font. A white speech bubble on the left contains a shield icon with a red 'X' over it. A pink speech bubble on the right contains an icon of a vaccine vial with a green checkmark. The CDC logo is in the bottom left, and the MMWR logo is in the bottom right. A URL and date are in the bottom center.

Nationally, more than 9 in 10 kindergarten children are receiving recommended vaccines

But at least **250,000** kindergartners are potentially not protected against measles

Talk to your child's health care professional to make sure they're up to date

 bit.ly/mm7202a2 **MMWR**
JANUARY 13, 2023



CDC MMWR Kindergarten Vaccinations

“Despite widespread return to in-person learning, COVID-19–related disruptions continued to affect vaccination coverage and assessment for the 2021–22 school year, preventing a return to prepandemic coverage.”

Nationwide, exemption rates remained low at 2.6%.

Another 3.9% without exemption were not up to date with MMR vaccine

* N.D.’s non-medical (moral, philosophical, religious) school entry exemption is now > 5%



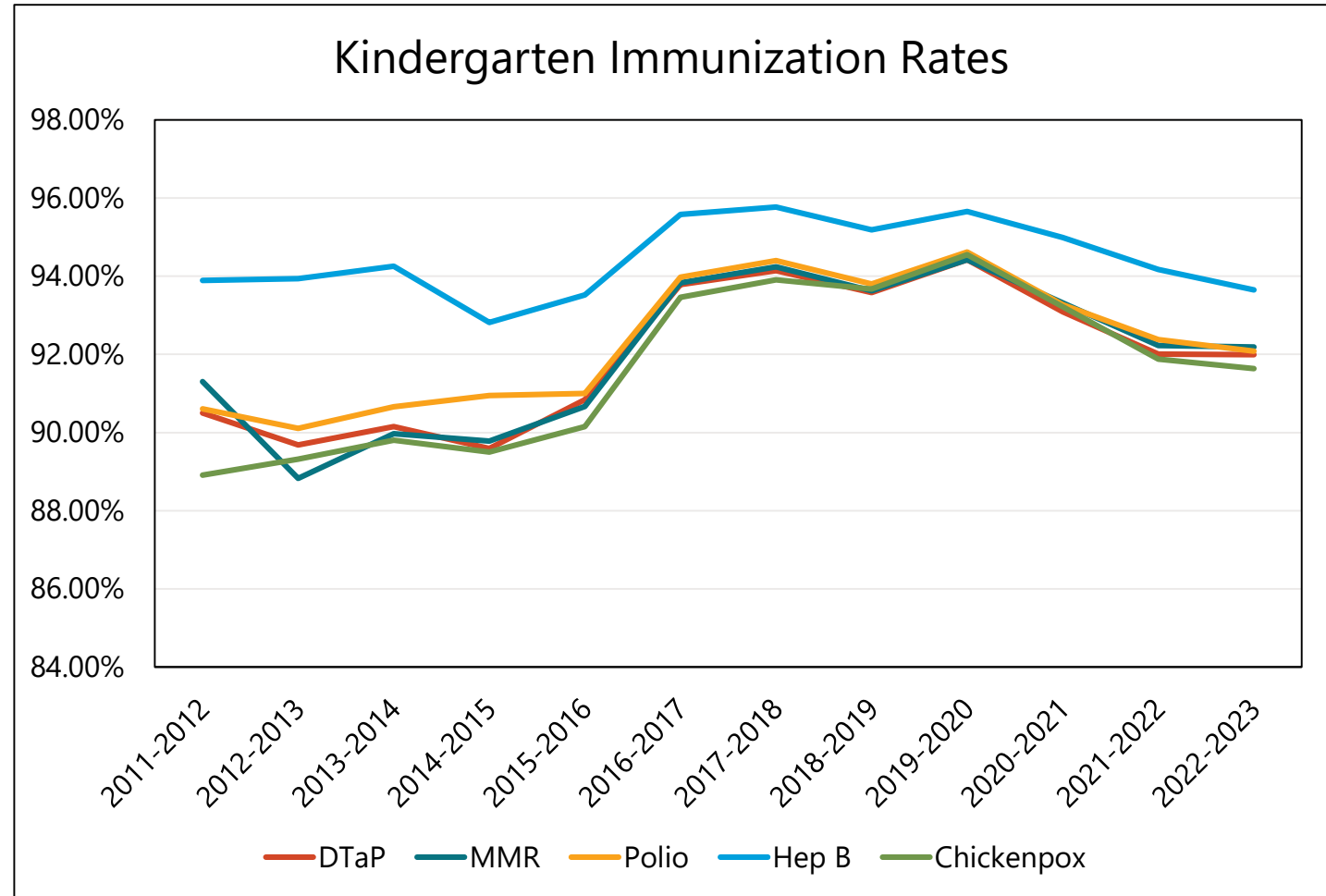
How are we doing in North Dakota?

Preliminary 2022-2023 ND School Immunization Rates



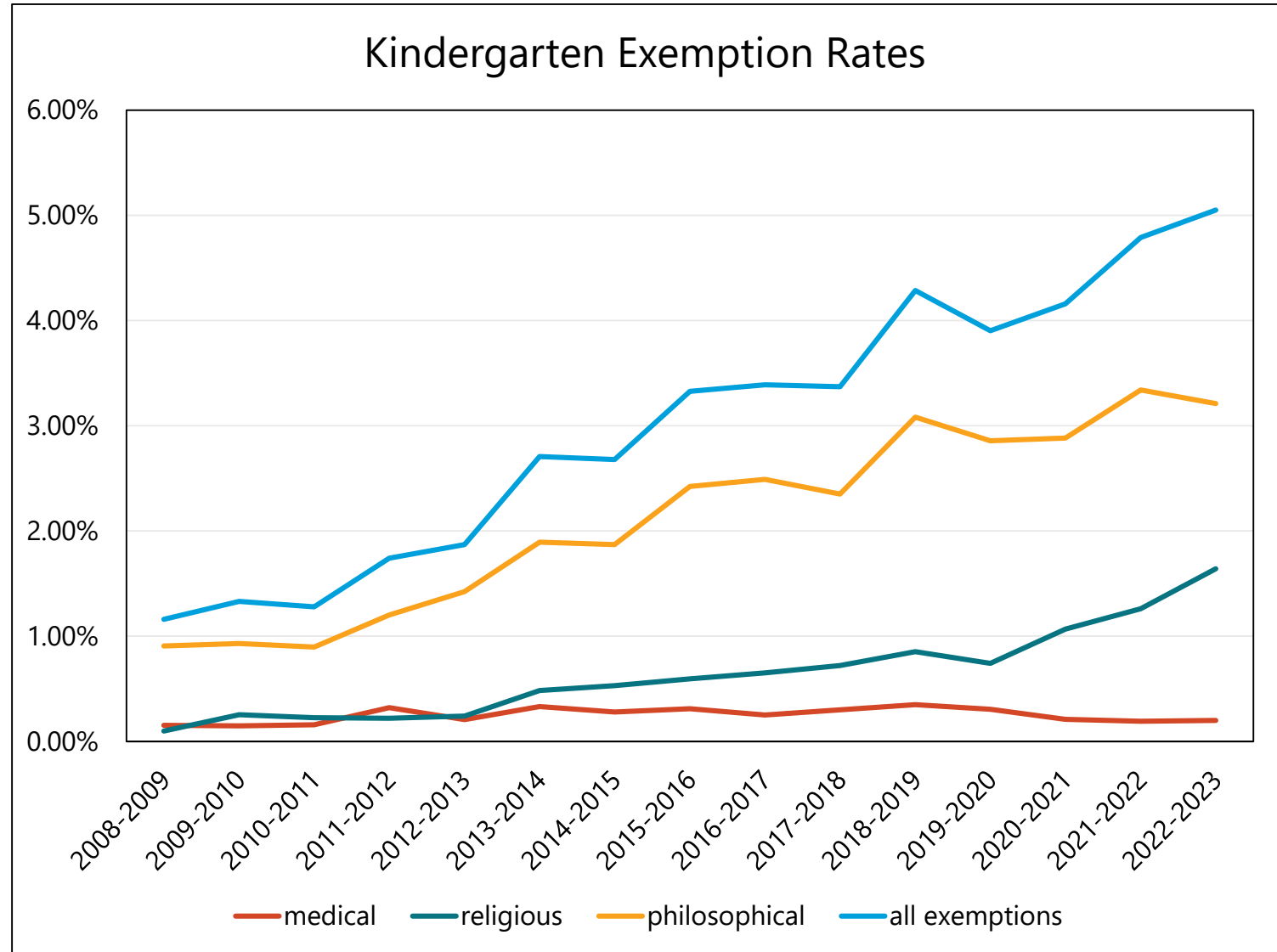
KINDERGARTEN IMMUNIZATION RATES AND TRENDS 2022-2023

- MMR 92.19%
- Polio 92.08%
- DTaP 91.99%
- Hepatitis B 93.65%
- Chickenpox 91.64%



KINDERGARTEN EXEMPTION RATES 2022-2023

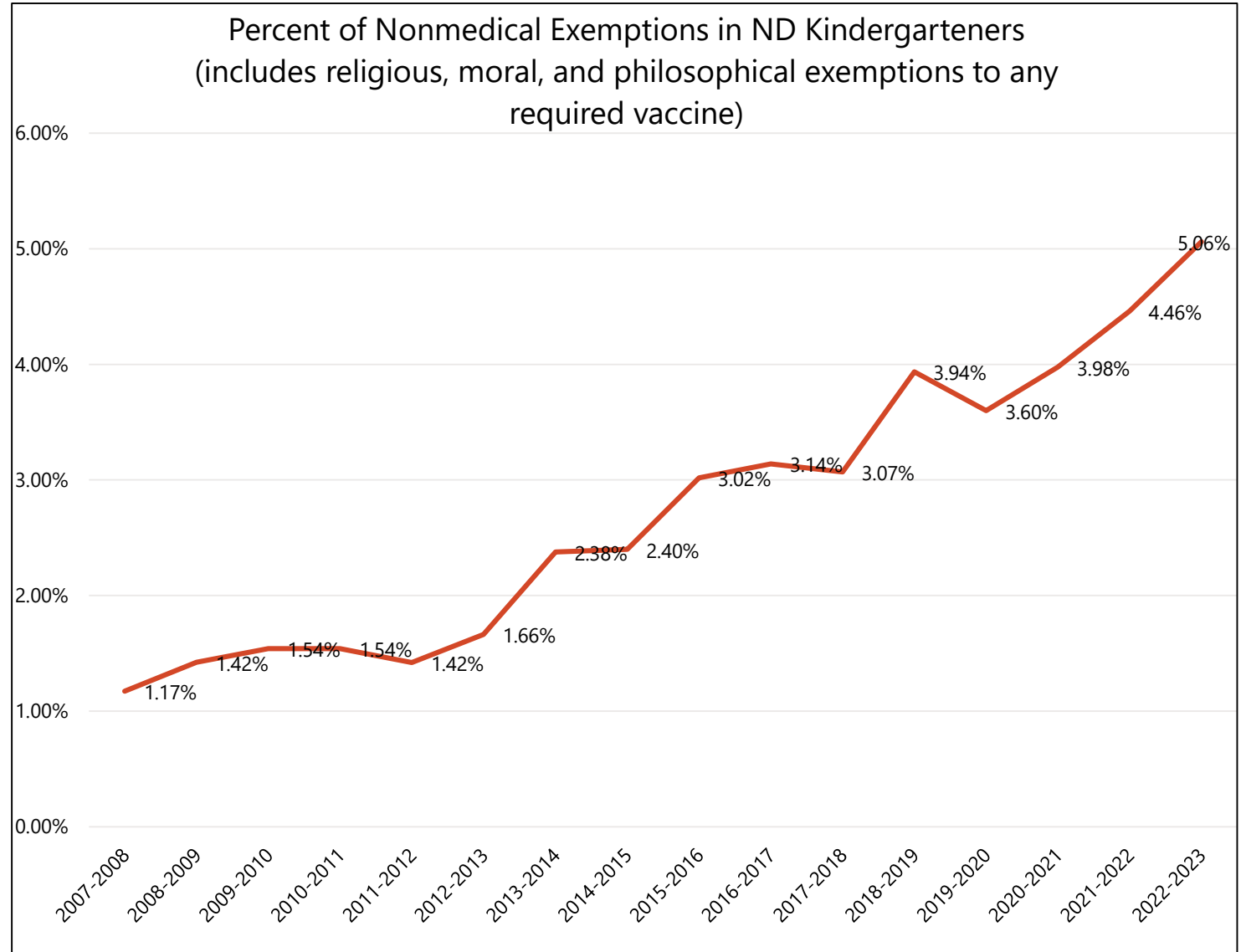
- Philosophical/Moral Exemption 3.21%
- Religious Exemption 1.64%
- Medical Exemption 0.20%



NON-MEDICAL EXEMPTIONS

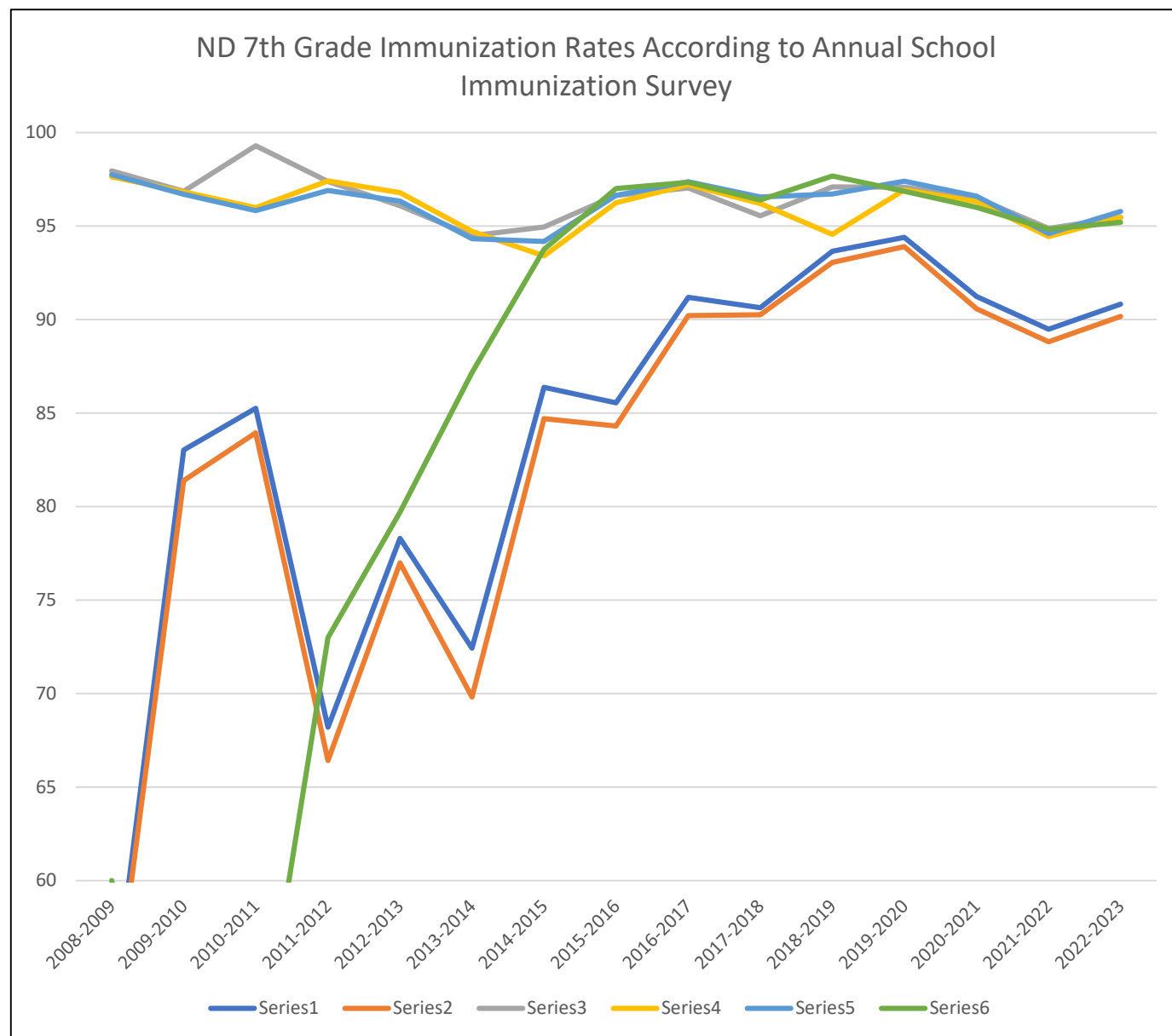
These trends include the percentages of students who have exemptions to one or more of the following vaccines:

- MMR
- Polio
- DTaP
- Hepatitis B
- Chickenpox

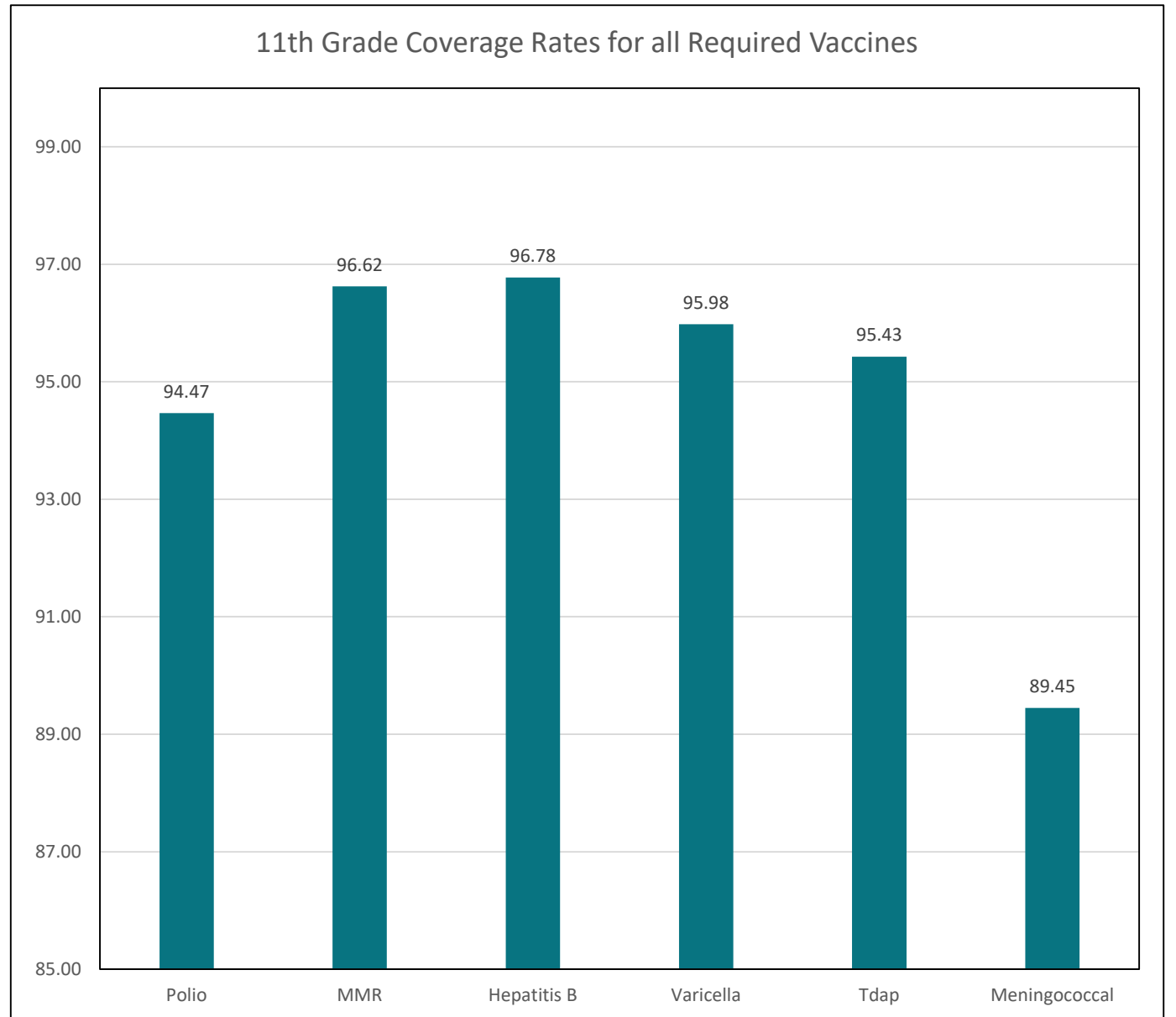


7TH GRADE RATES 2022-2023

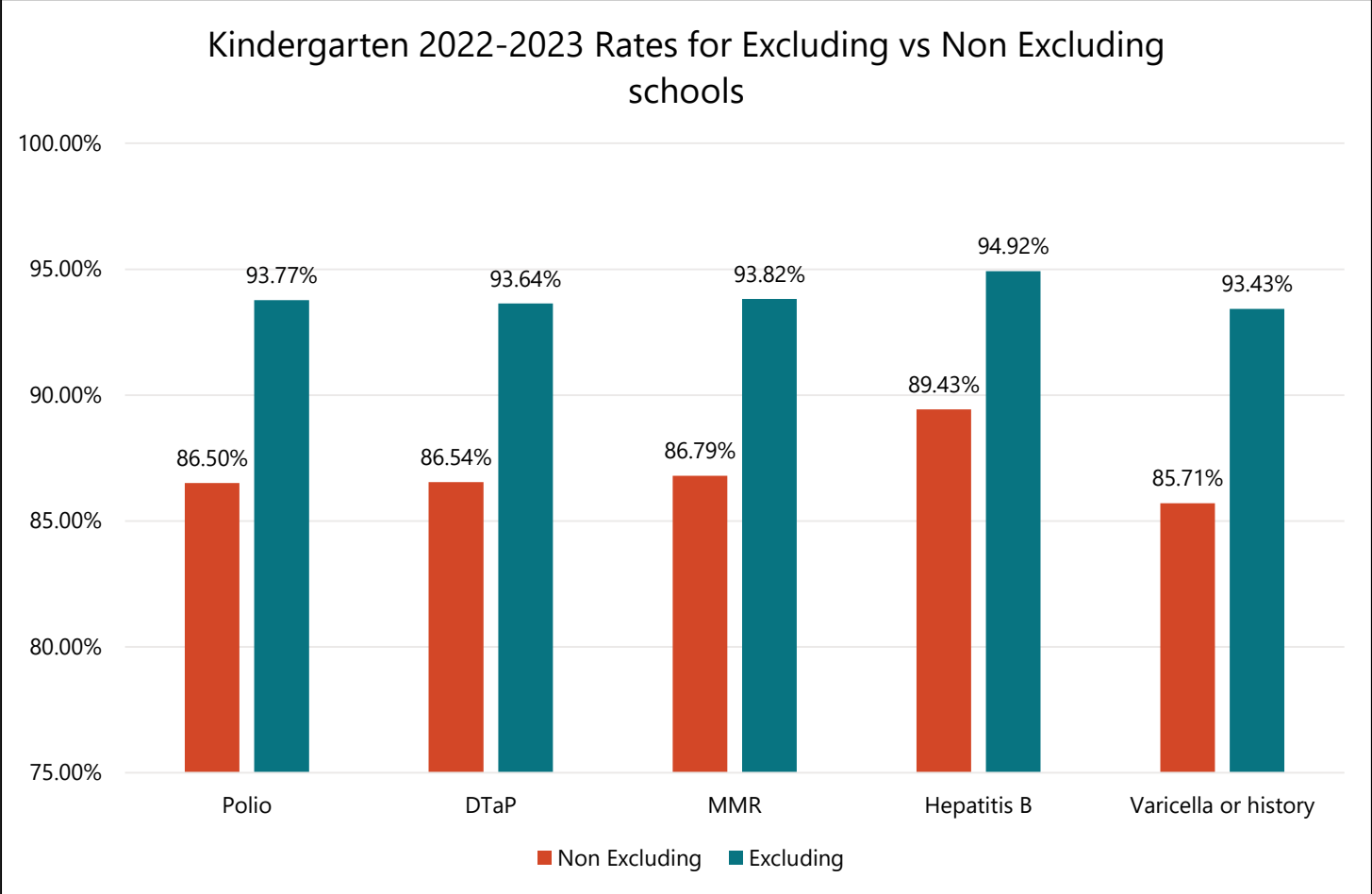
- Tdap 90.83%
- Meningococcal 90.17%
- Polio 95.46%
- MMR 95.48%
- Hepatitis B 95.79%
- Varicella 95.19%



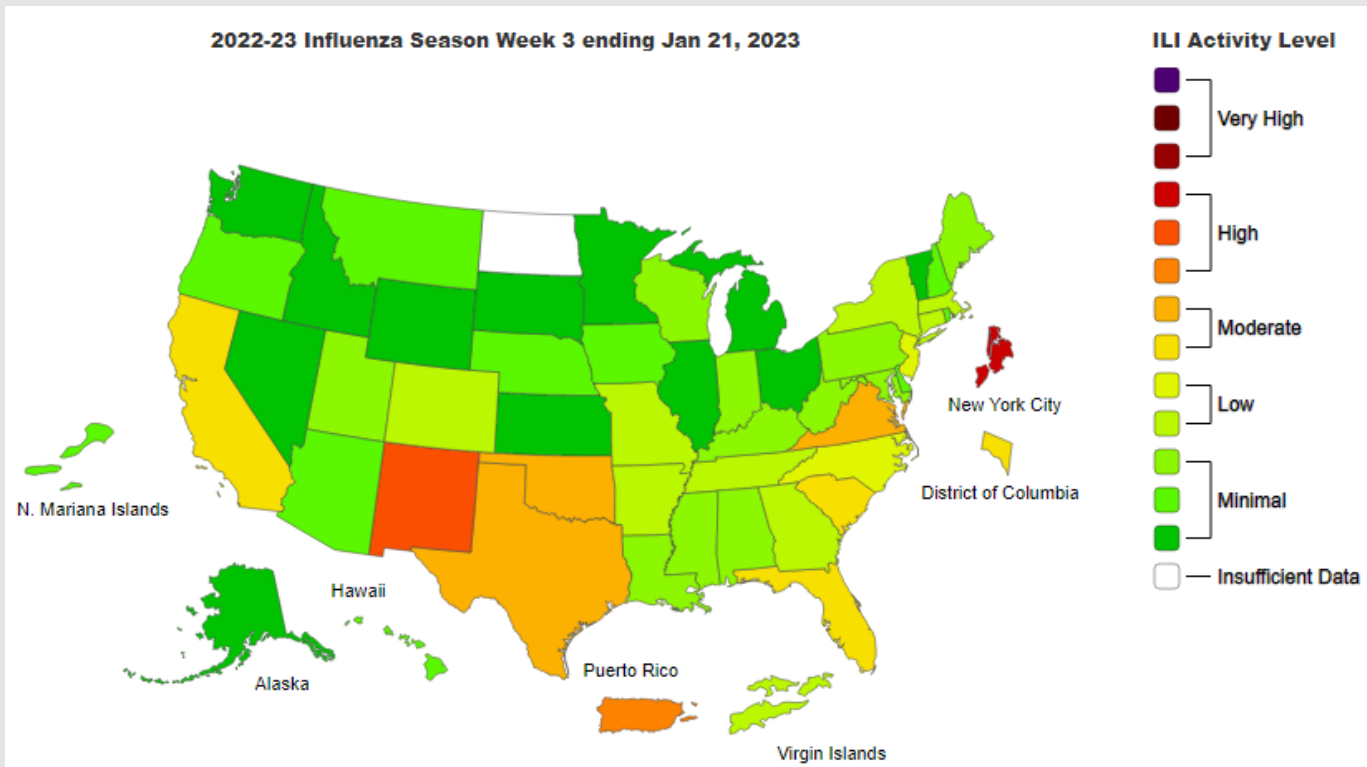
11TH GRADE RATES 2022-2023



2022-2023 RATES FOR EXCLUDING SCHOOLS VS. NON EXCLUDING SCHOOLS



Influenza Update



- Key Updates for Week 3, ending January 21, 2023:
 - Seasonal flu activity continues to decline across country
 - Hospitalizations decreased compared to previous week
 - 73% influenza A(H3N2); 27% influenza A(H1N1)
 - 6 new pediatric deaths; total 91
 - This season:
 - 25 million illnesses
 - 280,000 hospitalizations
 - 17,000 deaths
 - Good vaccine match and continued susceptibility to antivirals
 - Get vaccinated if you haven't!

References

[Vaccination Coverage by Age 24 Months Among Children Born During 2018–2019 — National Immunization Survey–Child, United States, 2019–2021 | MMWR \(cdc.gov\)](#)

[Vaccination Coverage with Selected Vaccines and Exemption Rates Among Children in Kindergarten — United States, 2021–22 School Year | MMWR \(cdc.gov\)](#)

NDHHS – Molly Howell, Danni Pinnick

[Weekly U.S. Influenza Surveillance Report | CDC](#)