

Immunization Access and Coverage Rates in Oregon: The State of the State

Kelly F. McDonald, MPH, OHA



OREGON
HEALTH
AUTHORITY

October 2025

Immunization Access and Coverage Rates in Oregon: The State of the State

**Kelly F. McDonald, MPH | OHA/Immunization Program
Immunization Policy**

Agenda

- Background: vaccine programs in Oregon
- Challenges impacting immunization access
- Where people in OR get vaccinated
- Rates: 2-year-olds, non-medical exemptions
- How to access local-level data
- Outbreaks: measles and pertussis

30-year vaccine finance model

Vaccination programs

- Vaccines for Children (VFC) program
- Section 317
- Vaccine Access Program (VAP)
- Others, as needed



Vaccines for Children
Protecting America's children every day

The Vaccines for Children (VFC) program helps ensure that all children have a better chance of getting their recommended vaccines. VFC has helped prevent disease and save lives.

CDC estimates that vaccination of children born between 1994 and 2021 will:

- prevent **472 million** illnesses
(29.8 million hospitalizations) → more than the current population of the entire U.S.A.
- help avoid **1,052,000** deaths → greater than the population of Seattle, WA
- save nearly **\$2.2 trillion** in total societal costs
(that includes \$479 billion in direct costs) → more than \$5,000 for each American

Updated 2021. All figures are estimates based on data from the National Immunization Survey (NIS) and the National Immunization Survey for Children (NIS-C). © 2021 CDC.

 U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

www.cdc.gov/vaccines/vfcprogram/

10/20/2021

Challenges impacting access

- The patchwork of vaccine supply programs
- ★ • Rising vaccine costs, new products + increased demand
- ★ • Staffing challenges- hiring, retaining qualified staff
- ★ • Growing complexity to manage immunization services
 - Pharmacy constraints- staffing, payment, enrollment
- ★ • Insufficient payments- VFC admin fee; commercial payments
 - Insufficient public health funding (state & local)
 - 18% reduction in OIP's base grant funding; No dedicated VAP funding
 - VAP is no longer sustainable; Senate Bill 42 failure
 - Federal uncertainty re: vaccine policy

Efforts to reform Oregon's vaccine finance model

Why reform?

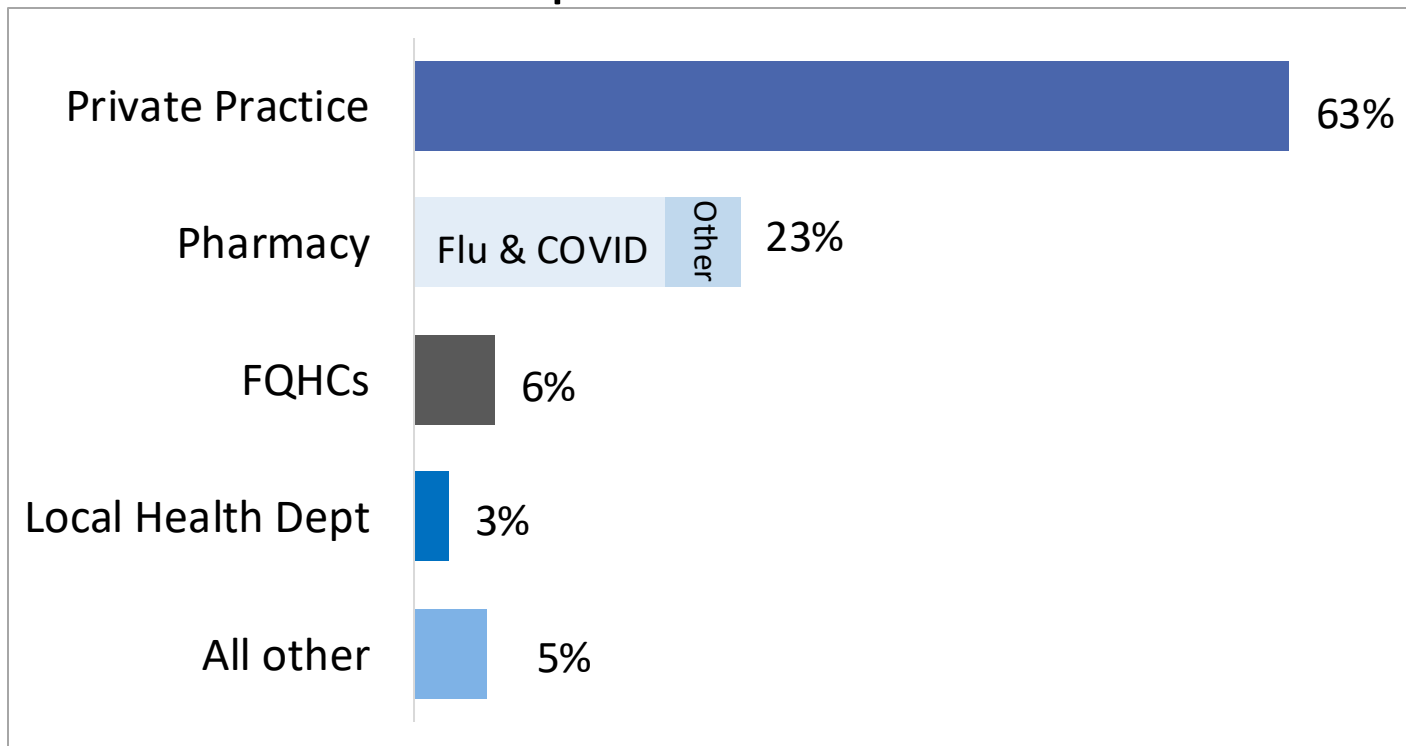
- Immunization access gaps in communities across Oregon
- Increasing costs and administrative complexity for immunization providers
- Need a solution that reduces barriers for providers and ensures access

Efforts to date

- Vaccine Finance Summit: January 2024
- Multidisciplinary Steering Committee, May-Sept 2024
- New workgroup: 2025 (**will need provider participation**)
 - Contact Oregon Families for Vaccines to follow or participate

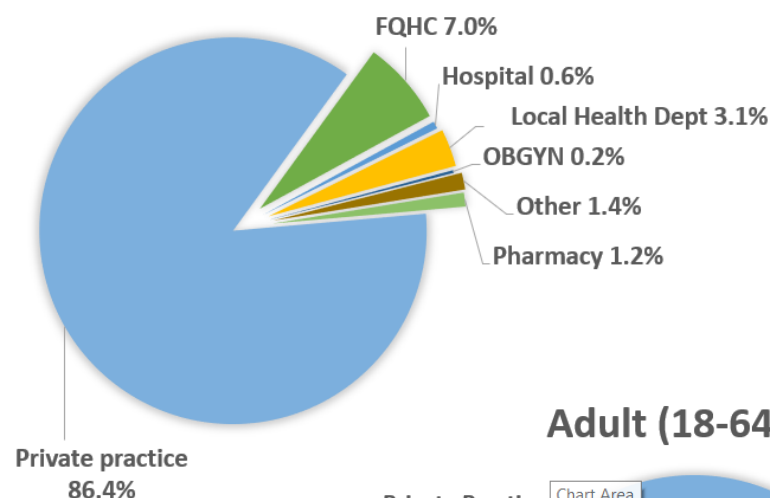
Where do people in Oregon get vaccinated?

Vaccinations reported to ALERT IIS in 2023

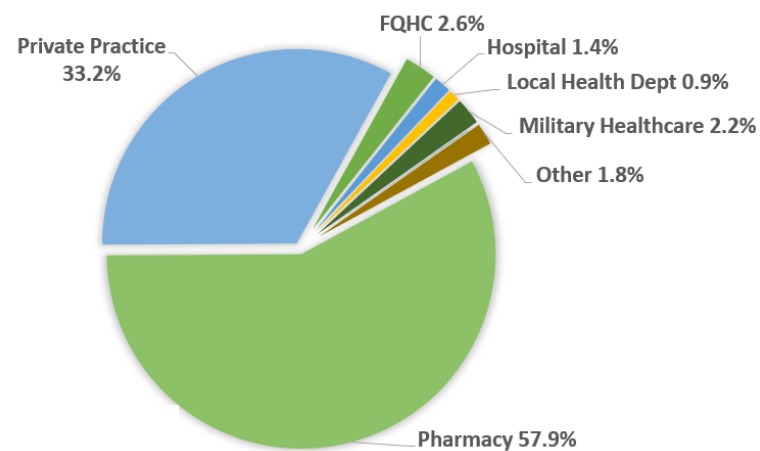


2023 Immunizations Reported to ALERT IIS by Source and Age

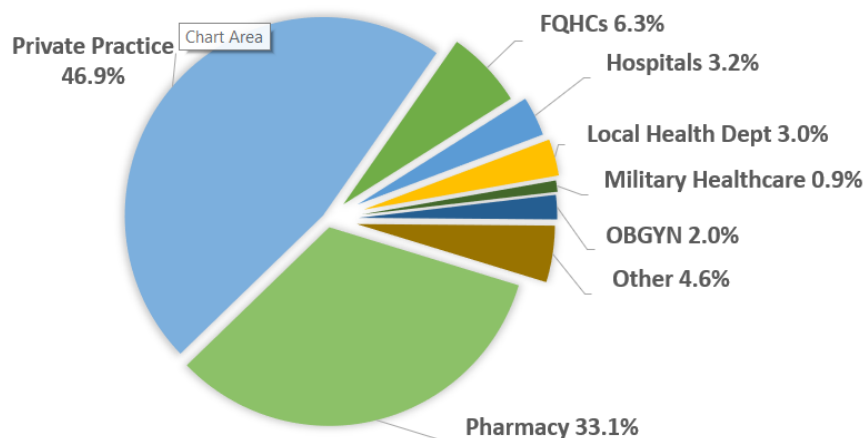
Children (0-17yrs)



Senior (65+yrs)

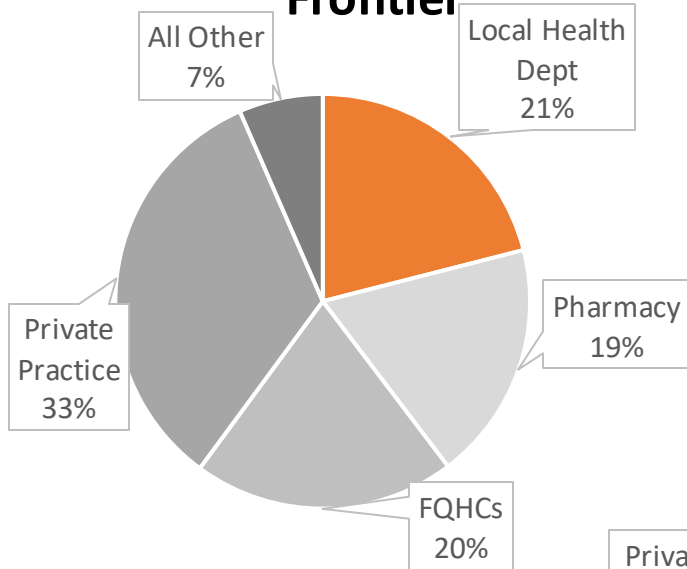


Adult (18-64 yrs)

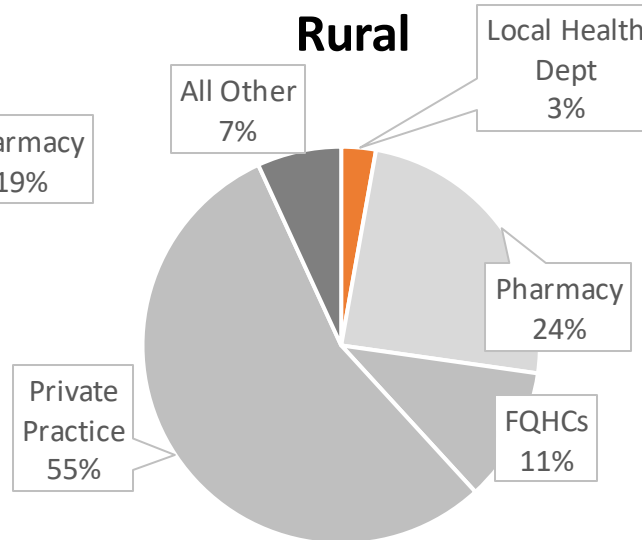


Access in frontier vs. rural and urban counties

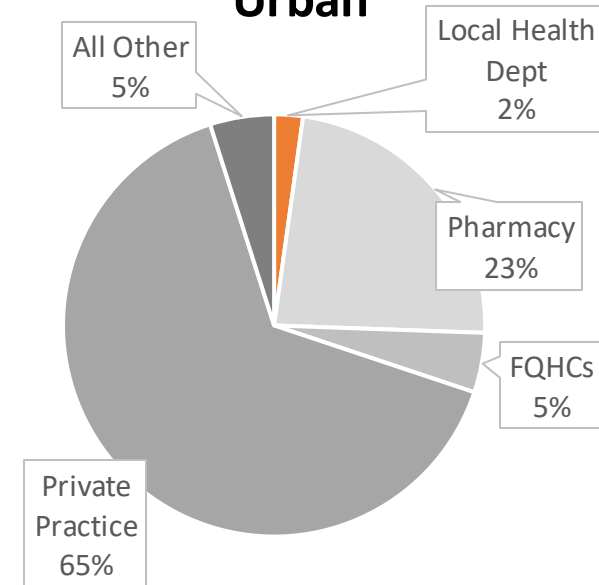
Frontier



Rural



Urban



Where to access statewide data

Oregon Immunization Program Data and Reports

Vaccines and Immunization

Getting Immunized

ALERT IIS

For Immunization Providers

Laws and Rules

Partnerships and Coalitions

Data and Reports

Contact Us

Access the Data



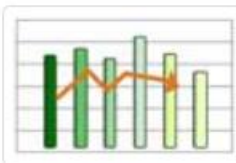
[Child Immunization Rates](#)

Immunization rates for two-year-olds in Oregon



[Adolescent Immunization Rates](#)

Immunization rates for adolescents age 13 to 17



[School Immunization Rates](#)

Immunization and exemption data for Oregon schools and child care facilities, counties, and state totals.

- [Individual School and Child Care Rates](#)

[Rates by county and state](#)

Adolescent immunization rates by zip code

Please note: some of the rates on this page are based on a small number of individuals (ALERT IIS dataset). In this case a note will be included in the pop-up displayed when hovering over small numbers of individuals may fluctuate substantially from year to year.

Select an age group

- ☒ 13
☐ 13-17

Select year (2018-2024)

2024

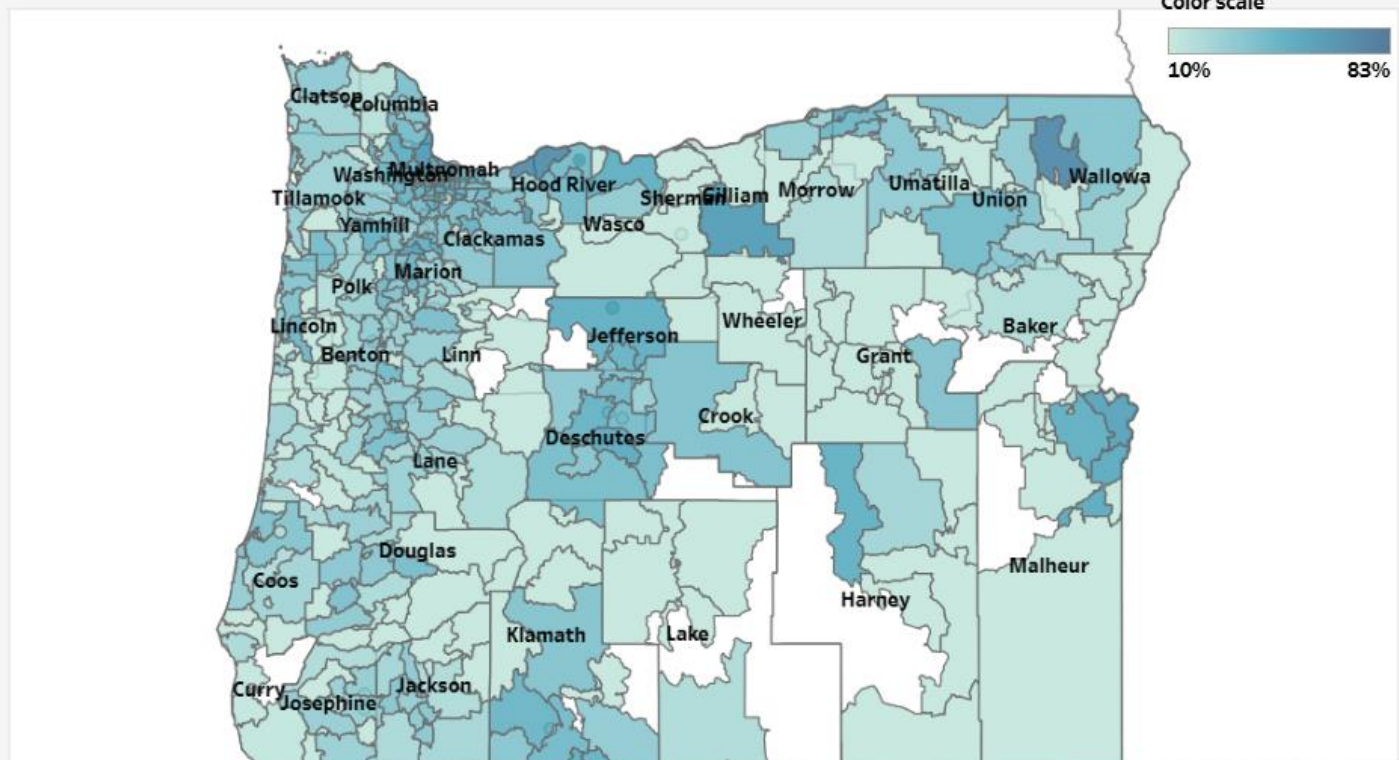
Select immunization

HPV complete

Optional - select County

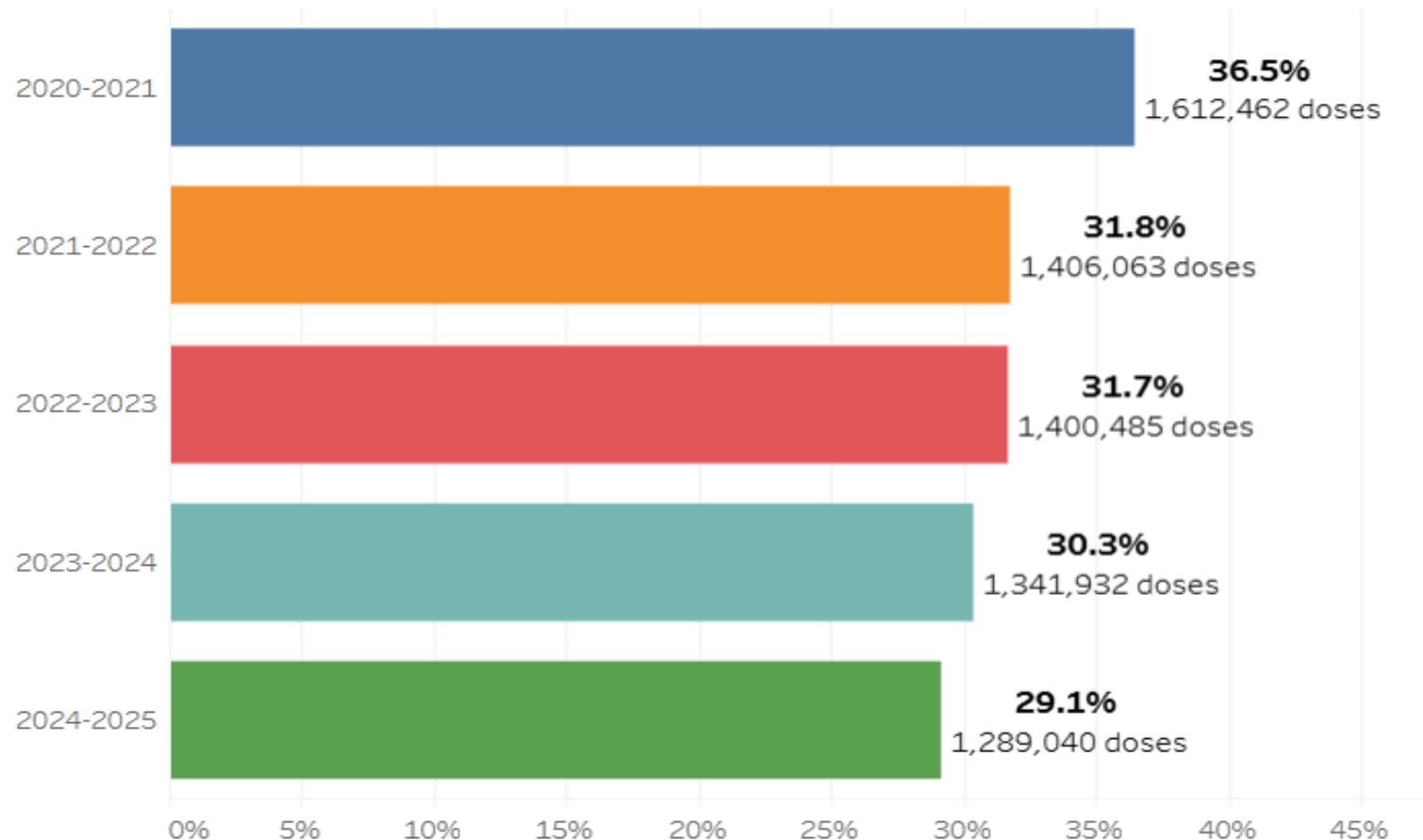
(All)

HPV complete immunization rates among 13 year olds, by zip code, 2024



Oregon Seasonal Influenza Immunization Rates

The bar chart compares the **statewide flu rate** for past completed seasons and the **current season flu rate through FLUWEEK 31**. This graph shows the progress made each week in reaching or exceeding past season flu coverage rates.

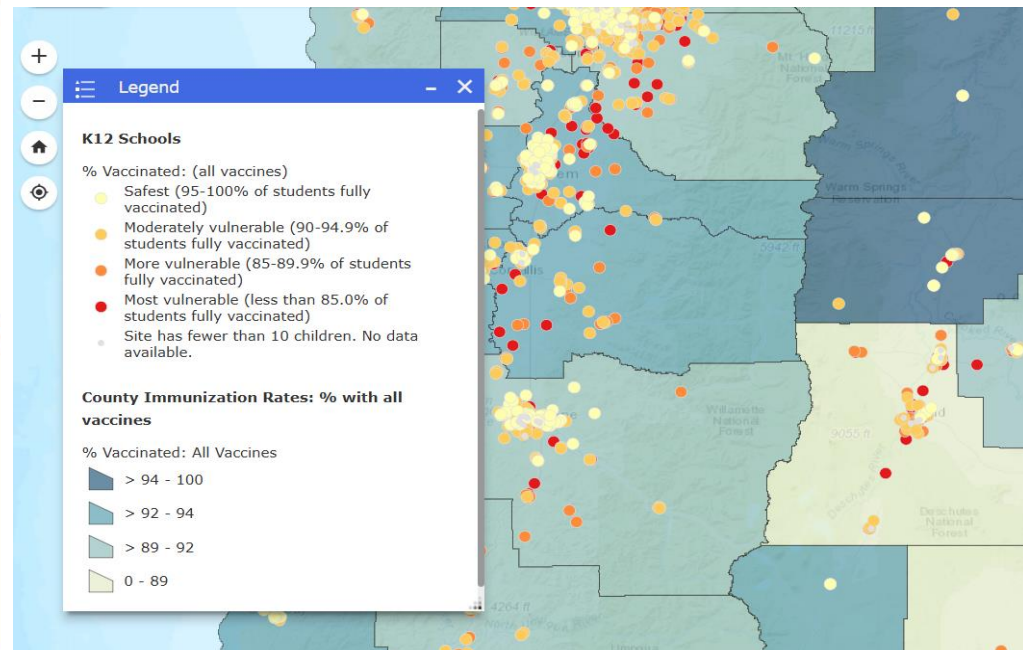


How well vaccinated is your school or childcare facility?

K-12 Schools



Preschools/Child Care



Google: Oregon school immunization rates

School Immunization Rule Changes

- Oregon Administrative Rules for school and childcare immunizations were recently updated.
- Most changes were small updates in wording and reordering the rules, with a few major changes.
- Questions about school immunizations? Contact Oregon.imm@odhsoha.oregon.gov

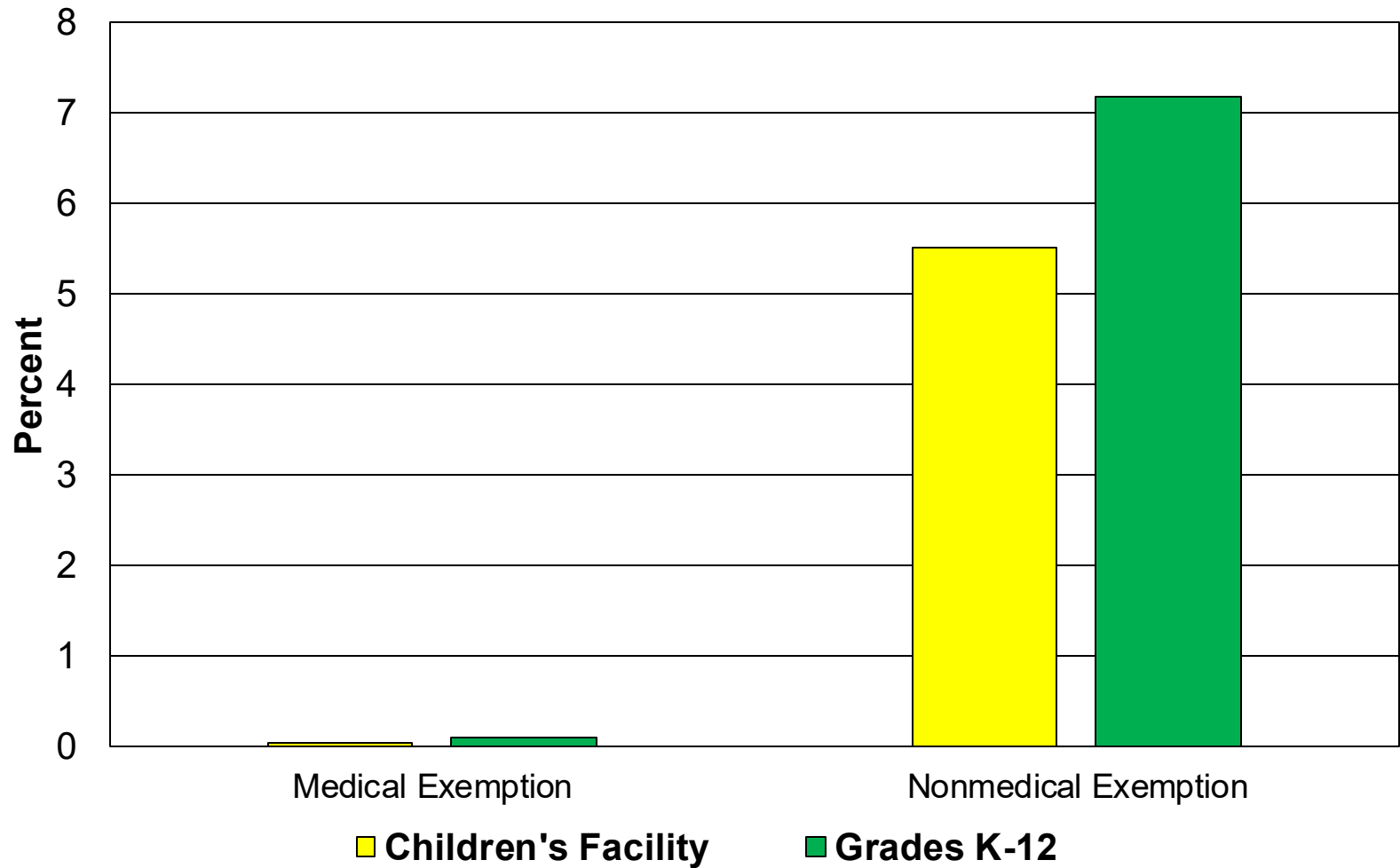
Three major immunization rule changes

#1: Exclusion Day is moving from the 3rd Wednesday in February to the 4th Wednesday in February.

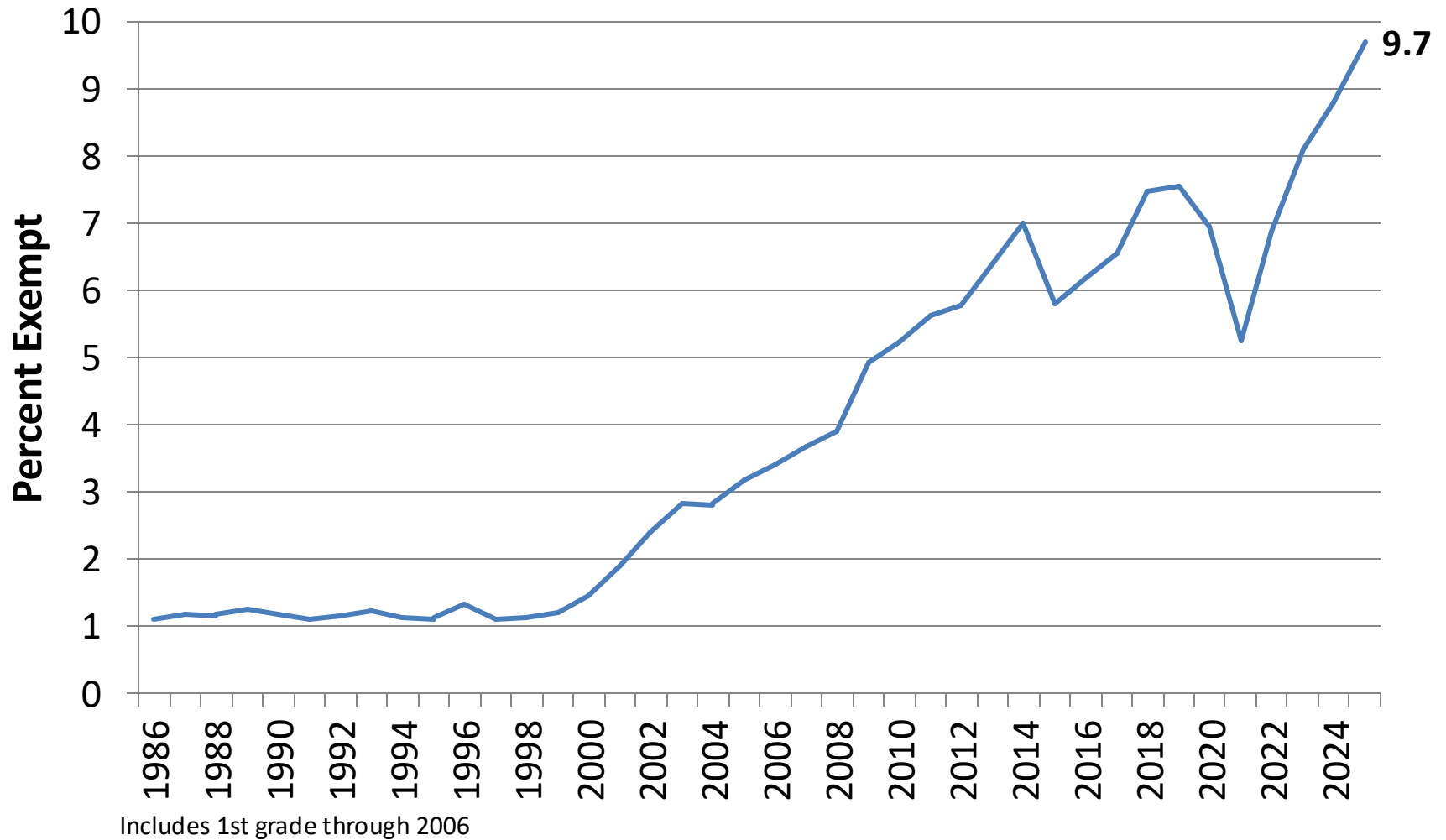
#2: Physicians will be required to fill out a form rather than write a letter for a medical exemption.

#3: Children who have a history of varicella (chickenpox) disease will need health care provider verification or lab test instead of parent verification.

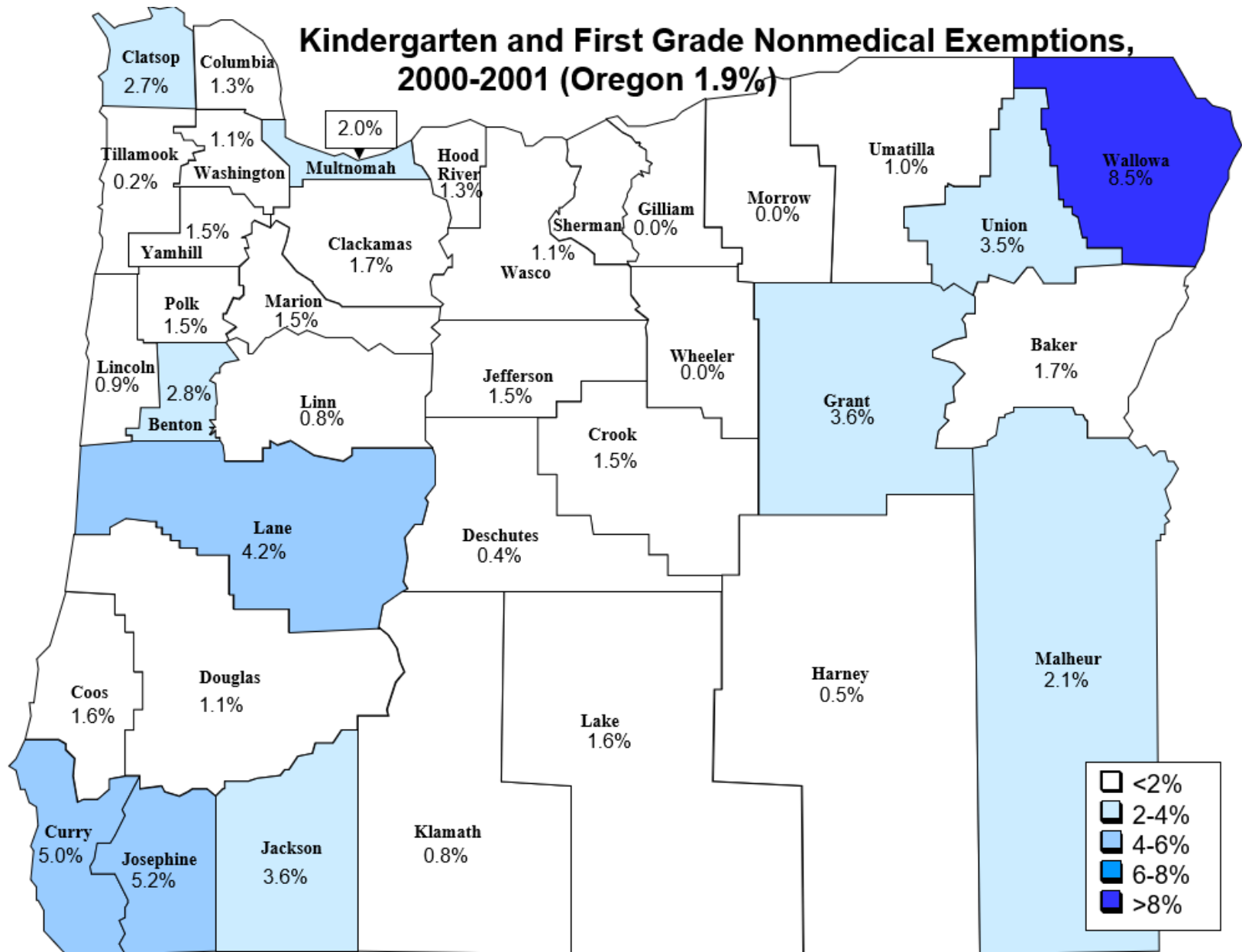
Percent of Children with Exemptions to School Required Vaccines, 2024



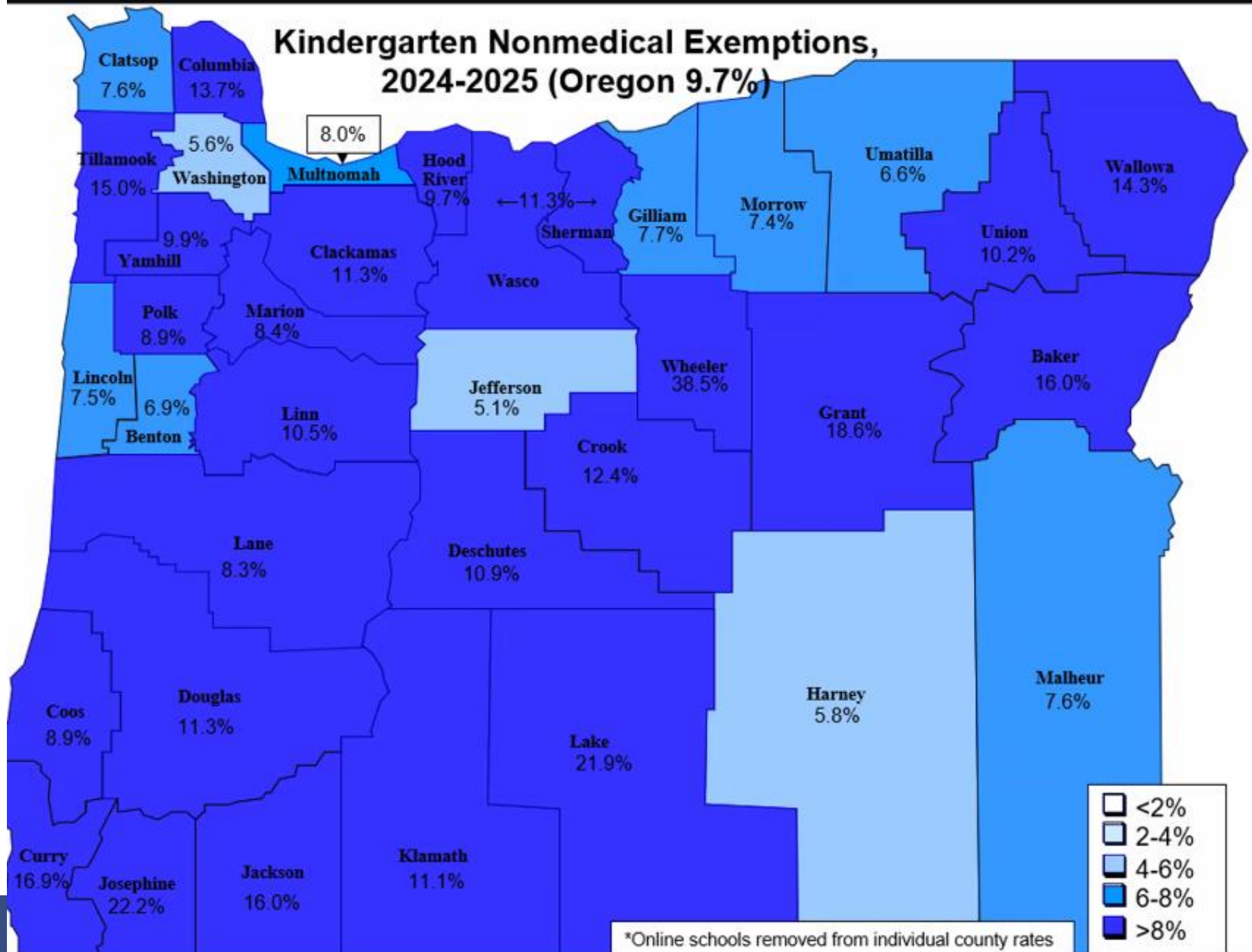
Oregon Kindergarten Nonmedical Exemption Rates



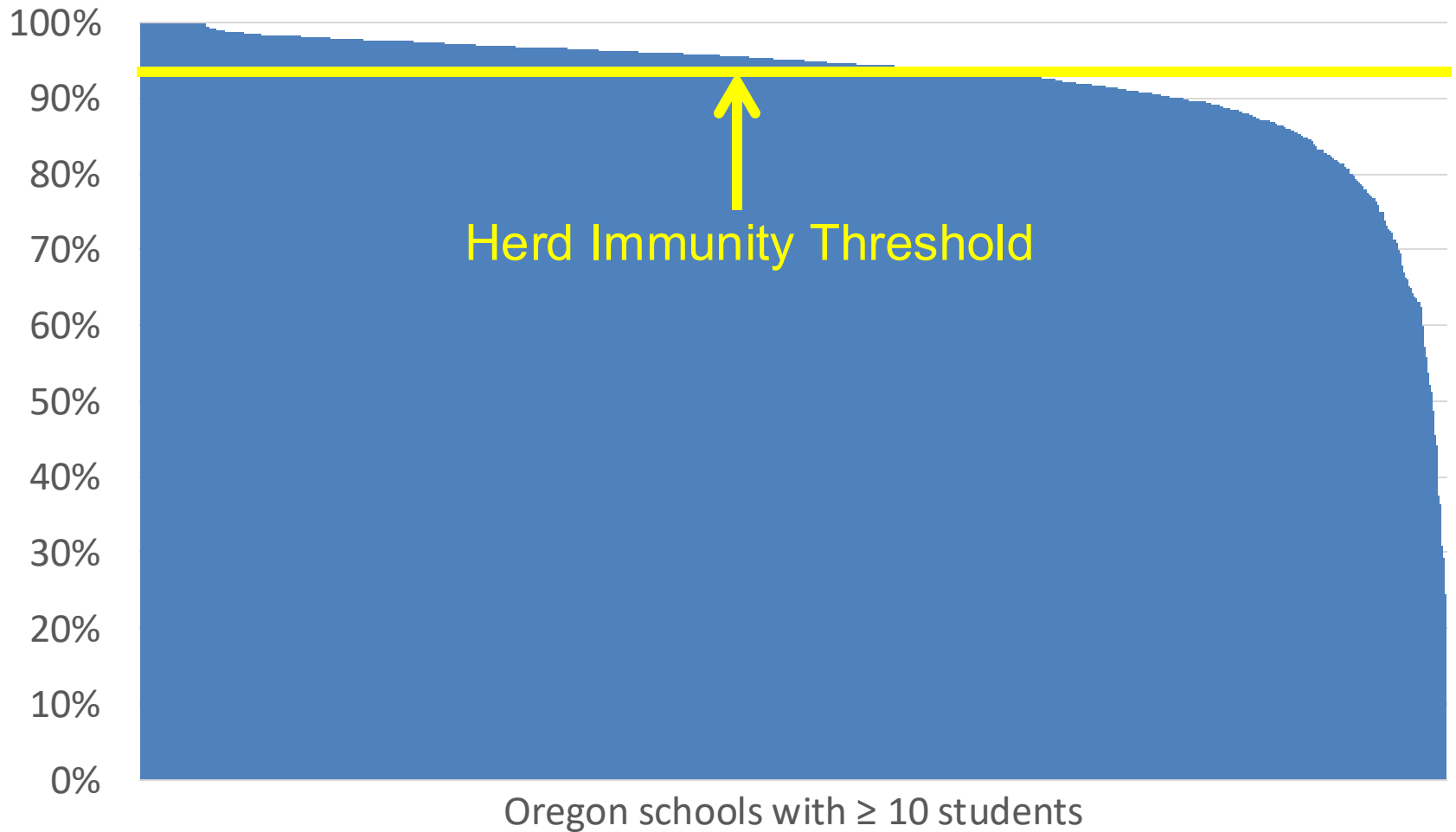
Kindergarten and First Grade Nonmedical Exemptions, 2000-2001 (Oregon 1.9%)



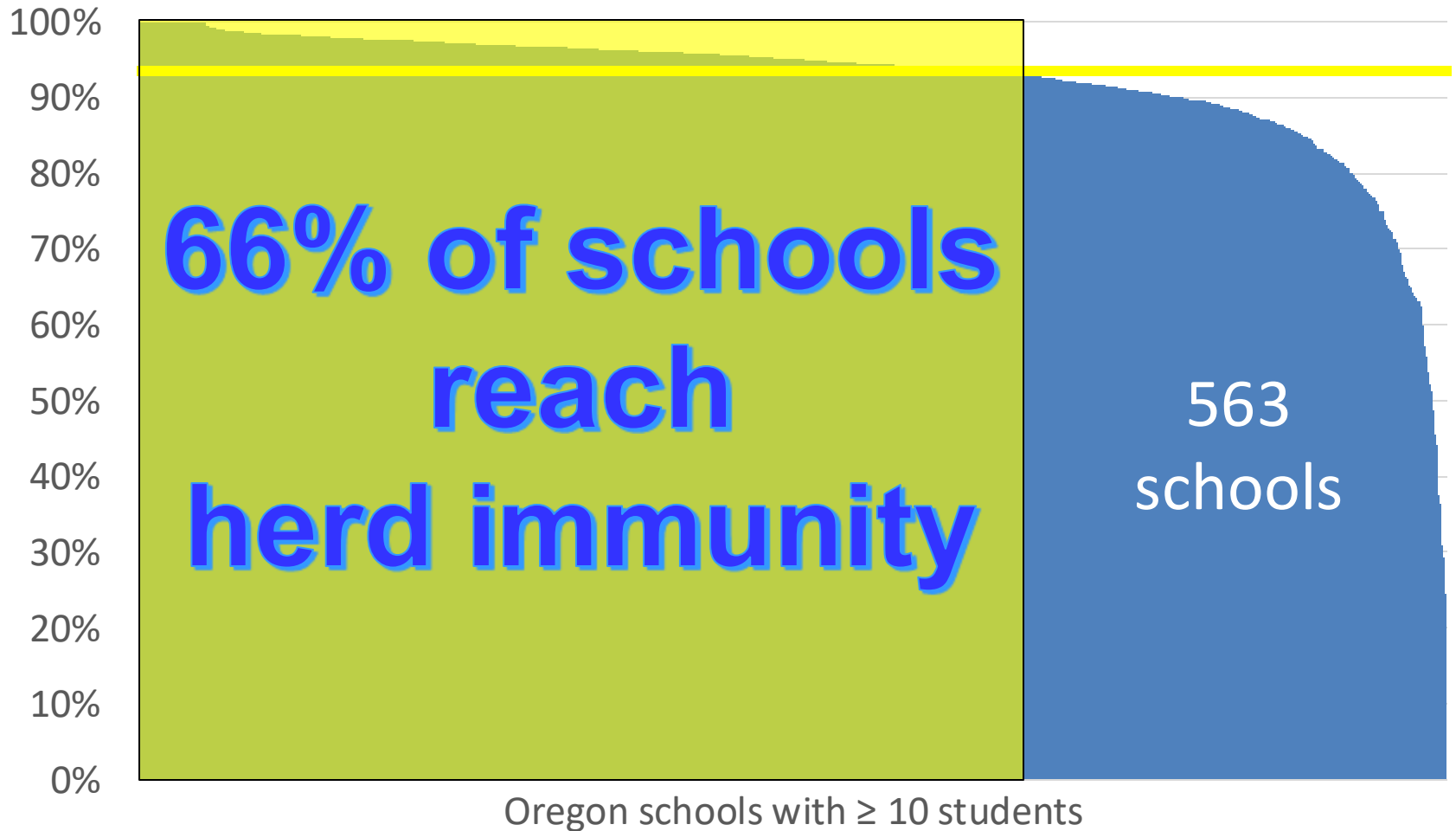
Kindergarten Nonmedical Exemptions, 2024-2025 (Oregon 9.7%)



Percent complete for 2 doses of measles vaccine, 2025, Grades K-12



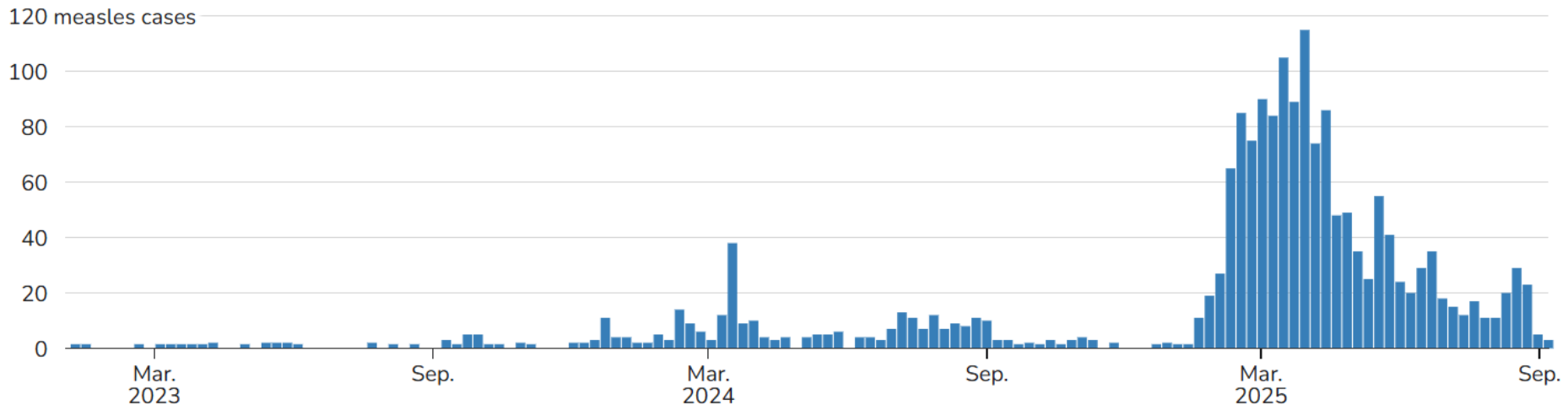
Percent complete for 2 doses of measles vaccine, 2025,
Grades K-12



Measles 2023-25 (U.S.)

Weekly measles cases by rash onset date

2023–2025* (as of September 9, 2025)



- 1,544 confirmed measles cases in 2025 as of Sept 30, 2025
- In OR: 31 cases in 2024. Largest outbreak in 33 years, all in unvaccinated people

Pertussis (Oregon)

- 2025: A total of 1,268 with case onset of illness (as of 9/29)
- The most since 1950 when 1,420 were reported

Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Reported to OHA	593	192	248	501	427	165	3	17	40	1259	1268

Good news! Nirsevimab findings

Respiratory syncytial virus (RSV) is the leading cause of hospitalization among U.S. infants.

Nirsevimab is a long-acting monoclonal antibody that protect infants aged <8 months against RSV-associated lower respiratory tract infection in their first RSV season. New recommendation Aug 2023.

- Nirsevimab's **effectiveness was 90% against RSV-associated hospitalization** in infants in their first RSV season

What are the implications for public health practice?

To reduce the risk for RSV-associated hospitalization, infants should be protected by maternal RSV vaccination or infant receipt of nirsevimab.

Thank you

Kelly.F.McDonald@oha.oregon.gov