



# IMMUNIZATION UPDATES 2023

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## Program Overview



## Current Events & Data



## Collaborations



## Future Planning



# Program Overview

# Program Goals

- **Overall Goal:** Everyone living in Dane County are up to date on all recommended vaccines.
- **State Immunization Grant:** By December 31, 2023, 78% of the children residing in the Dane County jurisdiction who turn 24 months of age during the contract year will have received 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hepatitis B, 1 Varicella, and 4 Pneumococcal Conjugate (PCR) (4313314 series) vaccination by their second birthday.



# Program Manager

Kate Louther

## Typical role/activities:

- Develop, monitor and evaluate program objectives
- Collaborate with Leadworker (program interventions, update policies/procedures, monitor trends,etc)
- General program onboarding for new staff
- Develop and monitor program budget/grant budget
- Responsible for personnel/staff performance issues



# Leadworker

Nate Patton

## Typical role/activities:

- Scheduling
- Training new staff
- Precepting students
- Vaccine  
Inventory/Storage  
Management
- Imms Content  
Expert
- DCIC Board



# PHNs

- Ali Hensel (0.1 FTE)
- Miranda McElligott (0.1 FTE)
- Brian Odegaard (0.1 FTE)
- Allison Reyes (0.1 FTE)
- Tenzin Surkhang (0.1 FTE)
- Mai Nhia Vang (0.1 FTE)

# Public Health Aides

- Erica Rabehl (1.0 FTE)
- Jeannette Coates (0.2 FTE)

The image shows a close-up of an "IMMUNIZATION RECORD" form. The form has several sections: a header with the title "IMMUNIZATION RECORD", a section for personal information with fields for "First Name", "Last Name", and "Date of Birth", a section for provider information with fields for "Type" and "Practice/Provider Name", a section for "ADDITIONAL NOTES (allergies, etc.)", and a table for recording immunizations. The table has columns for "Vaccine", "Type", "Date Given (MM/DD/YYYY)", "Administered By", and "Next". A black pen is pointing to the "Practice/Provider Name" field.



# Day to Day Operations

- Approximately 6 clinics per month
  - Locations: East Washington Office and South Madison Clinic
  - Times Vary: morning, afternoon and early evening
- Vaccines for Children (VFC) Provider
- Vaccines for Adult (VFA) Provider
- Private purchase flu vaccine each year
- Revise/Update Immunization Manual in collaboration with Medical Director
- Update/Train immunization staff on emergency procedures







Current Events & Data

# Immunization Program Data

- Routine Imms Data - 3/22/22-3/22/23
  - All ages
    - 1587 non COVID, Flu, or mpox
    - 11,971 COVID, 806 Flu, 2587 mpox
  - 0-18 years old only
    - 917 non-COVID, flu, or mpox



# School Vaccine Policy

**Table 144.03–A  
Required Immunizations for the 2008–09 School Year and  
the Following School Years**

<b>Age/Grade</b>	<b>Required Immunizations (Number of Doses)</b>						
5 months through 15 months	2 DTP/DTaP/DT		2 Polio		2 Hep B	2 Hib	2 PCV <sup>5</sup>
16 months through 23 months	3 DTP/DTaP/DT		2 Polio	1 MMR	2 Hep B	3 Hib <sup>4</sup>	3 PCV <sup>5</sup>
2 years through 4 years	4 DTP/DTaP/DT		3 Polio	1 MMR	1 Var	3 Hep B	3 PCV <sup>5</sup>
Kindergarten through grade 5	4 DTP/DTaP/DT/Td <sup>1</sup>		4 Polio	2 MMR	2 Var <sup>3</sup>	3 Hep B	
Grade 6 through grade 8	4 DTP/DTaP/DT/Td	1 Tdap <sup>2</sup>	4 Polio	2 MMR	2 Var <sup>3</sup>	3 Hep B	
Grade 9 through grade 12	4 DTP/DTaP/DT/Td	1 Tdap <sup>2</sup>	4 Polio	2 MMR	2 Var <sup>3</sup>	3 Hep B	

<https://dhs.wisconsin.gov/publications/p4/p44545.pdf>



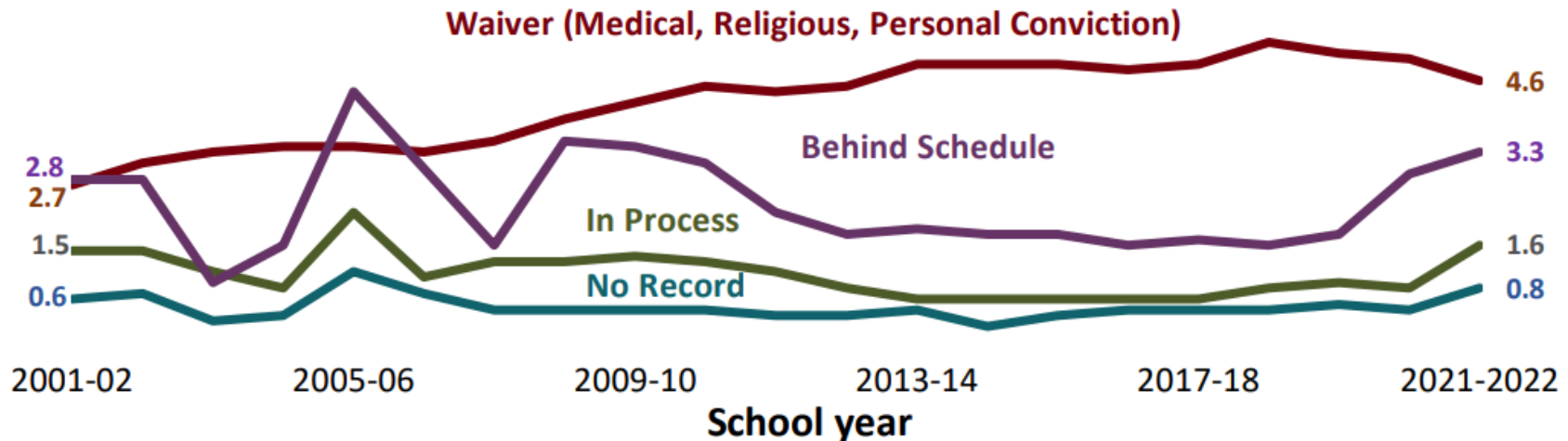
# School Vaccine Data

## School Immunization Rates

[Interactive Map](#) | [By School](#) | [By District](#) | [Statewide](#)

School year	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Percent of students who met minimum immunization requirements	92.6%	92.3%	92.5%	92.4%	92.5%	92.3%	91.9%	91.7%	91.9%	88.7%

## Percentage of Wisconsin Students in each Immunization Category\* by School Year



\*Not including met minimum immunization requirements

<https://dhs.wisconsin.gov/publications/p01894.pdf>



# School Vaccine Data

- MMSD Data
  - 2012-2020 average 0.87%% noncompliant, 20-21 3.87%, 21-22 3.08%, 22-23 2.76%
  - Minimum requirements pre-COVID ~95%, down to ~92% now
- Mening at 7<sup>th</sup> Grade (current Dane County rates)
  - As of 3/22/23, 69% 12-15 year olds had 1 dose of MenACWY
- As seen above and according to studies in Canadian Medical Association Journal and AMA Journal of Ethics school requirements increase coverage and reduce disease transmission



# School Vaccine Experience

- PHMDC Fall Experience
  - Requests
  - \ for Tdap
- Notices & Exclusion Deadlines
- Waiver Form from Schools
- Admin Code info
  - <https://dhs.wisconsin.gov/publications/p4/p44545.pdf>



# Current Events: Administrative Rule Change

- Vaccine changes
  - Meningitis vaccine at 7<sup>th</sup> grade and 12<sup>th</sup>
  - Varicella diagnosis required verification by MD
  - Tdap at 7<sup>th</sup> grade
  - Redefinition of outbreaks in school setting
  - Updating some outdated language
- Admin Code link -  
<https://dhs.wisconsin.gov/immunization/update.htm>
- PHMDC submitted testimony summarizing positive impacts of Administrative Rule Change



# Current Events: Rule Suspension

- Tdap will change to 7<sup>th</sup> grade
- Meningitis and varicella rule suspended (no changes to current guidance)
- Outbreak redefinition was suspended





# Rule Suspension Impact

- Tdap (positive): will lead to lighter load to immunization providers in the fall
- Meningitis: vaccine rates may remain lower than other required vaccines
- Varicella: continued possibility that parents misdiagnose chickenpox when our community doesn't see much of the disease
- Outbreak redefinition: decreased ability to respond quickly when infectious diseases are spreading in school settings





Collaborations

# Community Partners

- Flu Vaccine Partners
  - UW MEDiC Clinic
  - Edgewood School of Nursing & Rebalanced-Life Wellness Association
  - PHMDC COVID Mobile Vaccine Clinics
- Madison Metropolitan School District & SSM Health
  - Spring School Vaccine Clinics
- Dane County Immunization Coalition (DCIC)



# Spring School Vaccine Clinics

- Madison Metropolitan School District & SSM Health
  - Community Vaccine Clinics





# Future Planning

# Strategic Planning Efforts

- Core Immunization Leadership team
  - Kate Louthier
  - Nate Patton
  - Erica Rabehl
- Workplan Developed
  - 3 Objectives
    - Increase vaccination rates for 2 year olds
    - Reduce missed opportunities
    - Increase clinic efficiency



# Reminder Recall System

- Intrado
  - Funded by Pfizer
- Targets specific populations:
  - Children under 2
  - Adults 65+



# Vaccine Reminder Magnet

- Targets specific populations parents/guardians of infants/children under 2
- Plans to distribute:
  - PHMDC home visiting programs
  - WIC program
  - Birthing Hospitals
  - Pediatrician/Obstetrician offices





# Recommended Immunizations for Your Child

Vaccines shown with \* are given in combination. The maximum number of injections, at any age, is usually three. If your child misses a dose, talk to your doctor. Schedule an appointment: [publichealthmdc.com/kidvax](http://publichealthmdc.com/kidvax)

	Birth	2 months	4 months	6 months	12 months	15 months	18 months	24 months	4-5 years
<b>Hepatitis B (HepB)</b>	✓	✓*	○	✓*	○	○	○	○	○
<b>Rotavirus (RV, given orally)</b>	○	✓	✓	✓	○	○	○	○	○
<b>Diphtheria, Tetanus, Pertussis (DTaP)</b>	○	✓*	✓*	✓*	○	✓	○	○	✓
<b>H. Influenzae type B (Hib)</b>	○	✓*	✓*	○	○	✓	○	○	○
<b>Pneumococcal Conjugate (PCV)</b>	○	✓	✓	✓	✓	○	○	○	○
<b>Inactivated Poliovirus (IPV)</b>	○	✓*	✓*	✓*	○	○	○	○	✓
<b>Influenza (IIV)</b>	○	○	○	Yearly after 6 months					
<b>Measles, Mumps, Rubella (MMR)</b>	○	○	○	○	✓	○	○	○	✓
<b>Chickenpox (Varicella) (VAR)</b>	○	○	○	○	✓	○	○	○	✓
<b>Hepatitis A (HepA)</b>	○	○	○	○	○	○	✓	✓	○
<b>COVID-19</b>	○	○	○	Number of doses depends on child's age & type of COVID-19 vaccine					

Well child visits happen at each checkpoint above, as well as 2 weeks and 9 months. Vaccines aren't given at 2 weeks and 9 months unless your child missed one previously.

# Fall Vaccine Planning

- Increased clinics for school only vaccines
  - Beginning of October
  - Possible staffing model changes
- Exploring flu vaccine outreach
  - COVID vaccine clinics
  - Regular Immunization clinics
  - Other staffing models
- Communication Strategies
  - School Vaccine Requirements
  - Flu Vaccine Reminders
  - OneCallNow



# Special Projects

- Immunization Symposium on April 25<sup>th</sup> (in collaboration with DCIC)
- Farm Outreach (TB/Imms)
- Strategic Planning
- Precept Nursing Students from UW Oshkosh Accelerated Online Program
- Immigrant Clinic Pilot (TB/Imms/SRH)



# Questions