



SCHOOL-LOCATED IMMUNIZATION PROGRAM



Julie Gebel, RN
Deb Goodew, RN
Caitlin Norris, RN

SEMIC Spring 2024 Immunization Conference
April 25, 2024
Wood Lake Meeting Center

DISCLOSURES

- No financial conflicts of interest to disclose
- No discussion of off-label use

OBJECTIVES

- Identify why it is important to receive flu vaccine
- Define the purpose of School-Located Immunization Program (SLIP)
- Summarize the background & history of SLIP
- Describe how SLIP clinics operate
- Recognize benefits of school-located immunization clinics

WHY GET THE FLU VACCINE?

- Flu is a serious disease that can spread quickly among children
- Hundreds of thousands of people are hospitalized annually
- Complications can include pneumonia and worsening of other chronic conditions, such as asthma
- Flu can lead to missing days of school, work, or other activities
- Children have the highest attack rates during flu outbreaks and spread the illness quickly to others
- Protecting our children from flu protects all of us
- CDC recommends that everyone 6 months and older receive the flu vaccine every year
 - Children 6 months through 8 years (that have not received a second dose in a previous flu season) should get a second dose 28 days after the dose given this flu season

HEALTHY PEOPLE 2030

National set of 359 objectives for improving health

- Increase the proportion of persons who are vaccinated annually against seasonal influenza

Increase the proportion of people who get the flu vaccine every year — IID-09

★ LHI

Status: Getting worse ⊖

[Learn more about our data release schedule](#)



Most Recent Data:
49.8 percent (2020-21)



Target:
70.0 percent

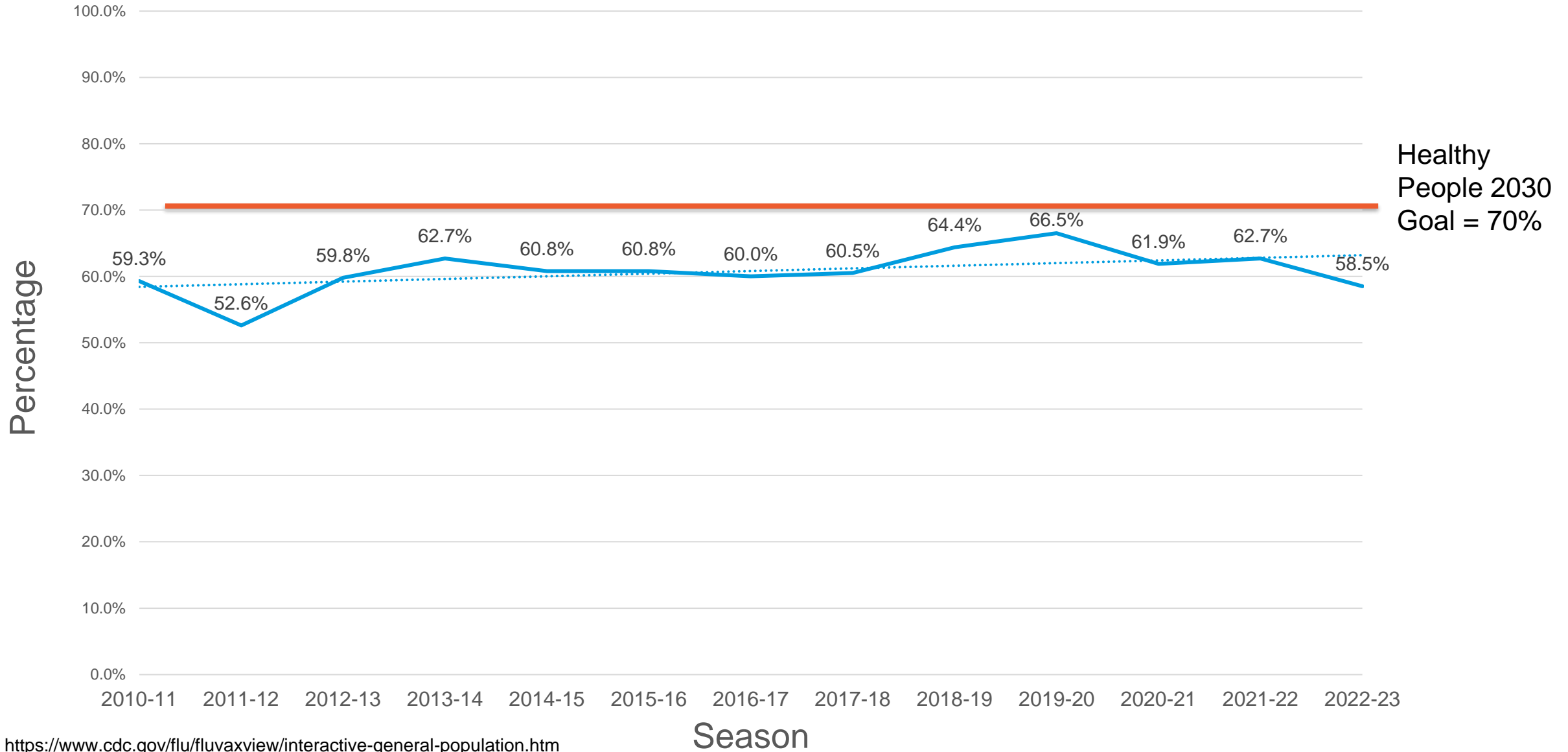


Desired Direction:
Increase desired



Baseline:
51.6 percent of persons aged 6 months and over were vaccinated against seasonal influenza for the flu season 2019-20

END OF SEASON INFLUENZA COVERAGE, MINNESOTA, 6 MONTHS- 17 YEARS



What is SLIP?

- SLIP = School-Located Immunization Program
- Long-term collaboration between Mayo Clinic, Olmsted Medical Center, local public health agencies, and local schools
- Creates opportunity for school-aged children to be vaccinated against influenza
 - Program does not vaccinate school staff or those younger than Kindergarten
- Immunizations administered at school during school hours
- Rochester, SE Minnesota regional programs
 - SW Minnesota initiating new program
- 4-week schedule

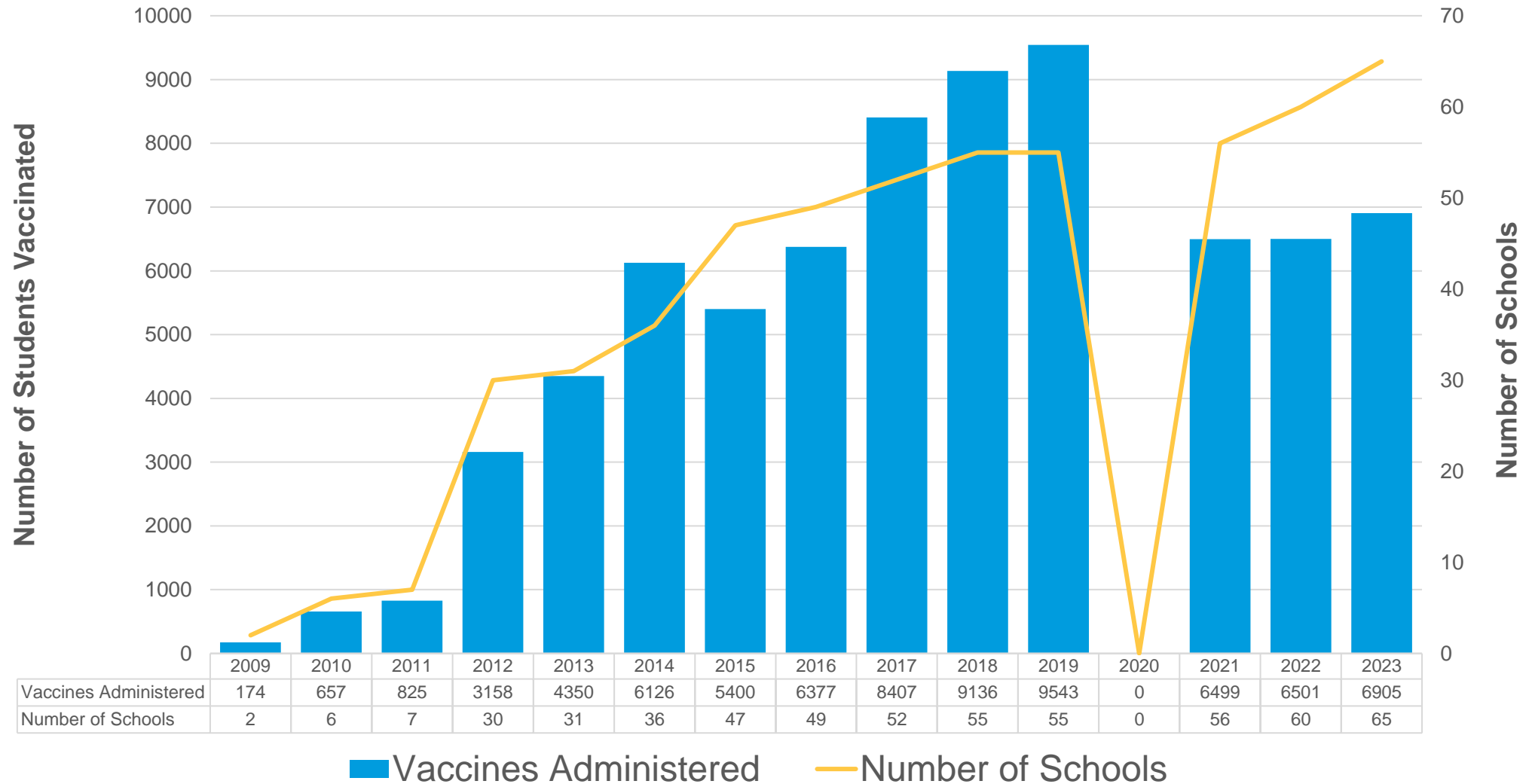


HISTORY OF SLIP

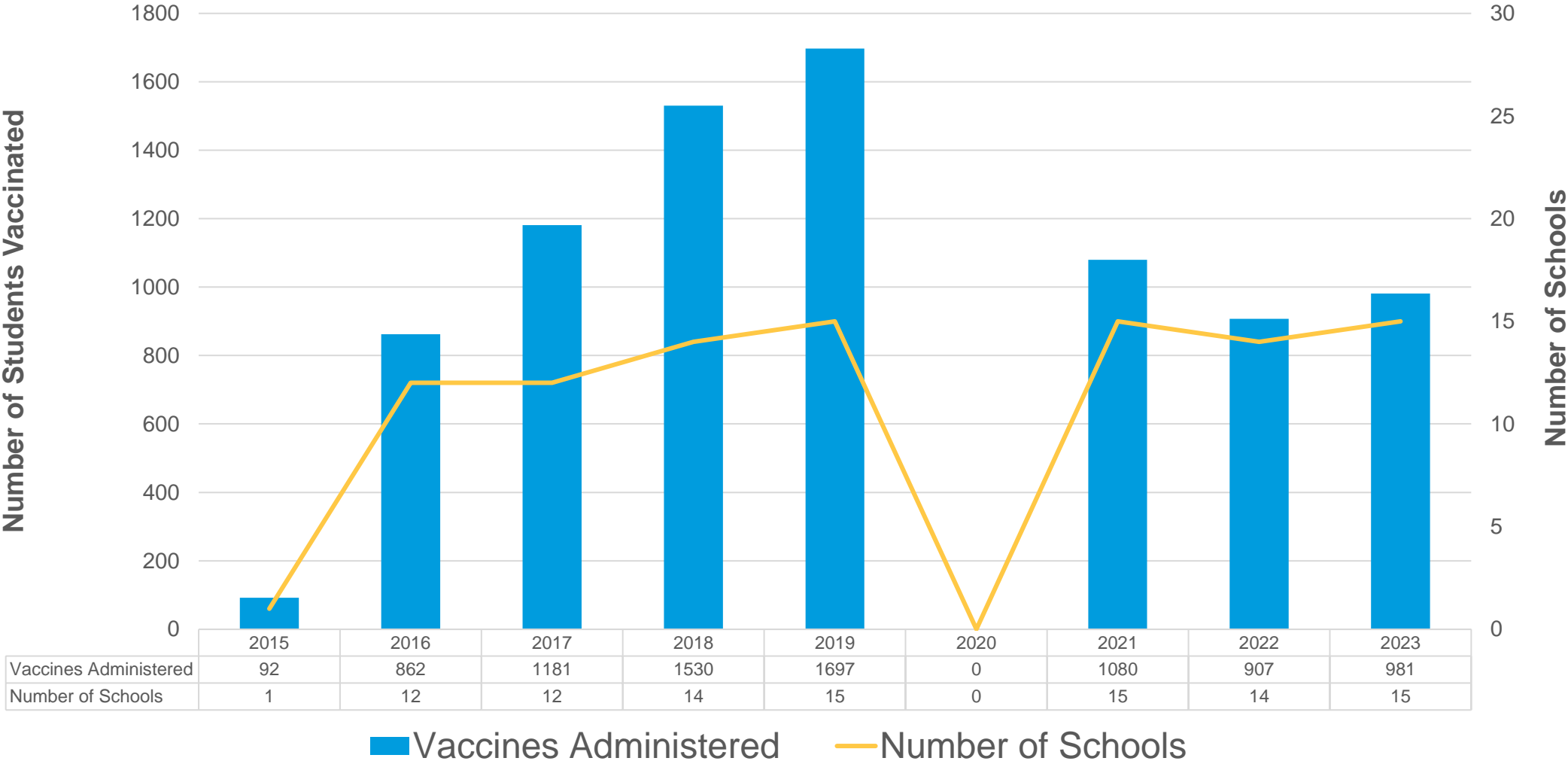
- RST SLIP started in 2009
 - OCPHS, Mayo, OMC
 - 2 schools – received flu vaccines
 - Vaccinated 170 students
 - Most received live FluMist nasal spray, 10% received the injectable
- SEMN MCHS SLIP started in 2015
 - Mayo
 - Woodson Kindergarten Center
 - Vaccinated 94 students out of 357 student census



RST SCHOOL-LOCATED IMMUNIZATION PROGRAM



SEMN SCHOOL-LOCATED IMMUNIZATION PROGRAM



2023 PROGRAM REVIEW

Rochester SLIP

- 57 clinics serving 65 schools
- Rochester, Byron, Kasson-Mantorville, Dover-Eyota, Stewartville, Pine Island, Hayfield, Triton districts
- 6,905 vaccinations given
- 19.6% FluMist

SEMN SLIP

- 15 schools
- Austin Public and Private Schools, other Mower County schools
- 981 vaccinations given
- 4.3% FluMist

PLANNING FOR SLIP

- Collaborative group meets monthly year-round and completes work based on established timeline
- Charge nurses
- Determine clinic dates, times, locations
- Update registration form, online registration system
- Revise marketing materials
- Ensure sufficient staffing, clinic space
- Order vaccine & supplies
 - Injectable and FluMist (nasal) offered
 - Private clinic supply or state-funded supply



OUTREACH & COMMUNICATION

- Flyers, posters, yard signs
- Resource binder delivered to school prior to start of registration period
- Nurses attend Meet the Teacher or schedule pick-up events
- Collaborative press release
- Mayo, OMC, schools, public health advertise on social media
- Schools distribute boilerplate communications to families



Register your child to get the flu vaccine at school.

Getting the flu vaccine at school makes it easier for parents and children. It's fast, easy and convenient.

Details

Flu vaccinations* will be offered at most schools in **Mower and Olmsted Counties, Kasson-Mantorville, Hayfield and Triton Public Schools in Dodge County and Pine Island Public Schools.**

*Flu vaccinations will be offered as an injection.
Nasal spray will be offered, if available.

Registration is required

You'll need to register your child to be vaccinated. **Online registration is open from Aug. 9 to Sept. 13.** For more information or to register, go to semnic.org or scan the QR code below.



The flu vaccination program is supported by:



MC7807rev0523

Registration Process

Fixed registration period from early August to early September

[Online registration](#) (preferred)

Printed registration form (available in Spanish and Somali)

MAYO CLINIC Mayo Clinic and Olmsted Medical Center School-Located Immunization Program Permission Form (K-12) About INT

Enter Parent Details

Parent Last Name*

Parent First Name*

Date Of Birth*

Address*

City*

State*

Zip Code*

Best Daytime Phone Number*

Verify Daytime Phone Number*

Email Address*

Verify Email Address*

[Next](#)



Copyright © 2018-2024 Mayo Foundation for Medical Education and Research (MFMER). All rights reserved. Any use of this site constitutes your agreement to the Mayo Clinic Terms and Conditions and Privacy Policy. For questions about a completed registration email schoolflu@mayo.edu or call 507-293-4800.

School Flu Vaccine – Parent, Guardian, or Student (age 18 years or older) Authorization

Instructions: Sign and turn in this form only if you would like the student to receive the flu vaccine at school. Complete one form per student and return to school by the registration deadline. Flu vaccine information will be stored in the medical record. If you would like to register online, visit www.semmic.org/schoolfluclinics.aspx or scan this QR code.

Enrollment Information (Complete the county section where student attends school.)

Where does your student go for routine medical care? Your choice determines which clinic staff will give the vaccine and bill student's insurance.

Dodge (Kasson-Mantorville and surrounding) Mayo Clinic (Mayo Clinic Number: _____) Enter Mayo Clinic number only if you choose Mayo Clinic to vaccinate student.

Goodhue (Pine Island) Olmsted Medical Center

Mower (Austin and surrounding) Mayo Clinic (Mayo Clinic Number: _____) Mayo Clinic is the only provider at your school site.

School Name Grade

Student Information

Student Last Name Student First Name Student Middle Name

Student Gender As in Medical Record: Male Female Student Birth Date: (mm-dd-yyyy)

If you would like your student (grades 6-12) to receive a text reminder the day of the clinic, select your carrier: Student Cell Phone

Alltel AT&T Boost Mobile Cricket Mint Mobile Spectrum Sprint

T-Mobile US Cellular Verizon Virgin Mobile

This feature is only available for the carrier listed. Texting fees may apply. If carrier selected changes before clinic day, text may not be received.

Check All That Apply: (you must choose at least one)

Student: Is enrolled in a Minnesota Health Care Program: Is American Indian or Native Alaskan

- MN Medical Assistance (MA)
- Minnesota Care (MNCare)
- Prepaid Medical Assistance Program (PMAP)

Does not have health insurance None of these apply

Answer Yes or No. Student will not get the flu vaccine at school if any of the 3 answers in this section are "Yes."

Yes No Student has had a flu vaccine after June 30 of this year.

Yes No Student has a history of Guillain-Barré Syndrome less than 6 weeks after a previous dose of flu vaccine.

Yes No Student has had a severe allergic or anaphylactic reaction to any flu vaccines or their ingredients (such as monosodium glutamate or MSG, gentamicin, gelatin, or arginine).

Answer Yes or No, if requesting FluMist. Student will not get the nose spray if any of the answers in this section are "Yes."

Yes No Student has asthma.

Yes No Student has any problem breathing through the nose.

Yes No Student has had a long-term health problem such as heart, kidney, lung, or metabolic disease, anemia, other blood disorders, or any condition that increases the risk of aspiration.

Yes No Student is taking prednisone.

Yes No Student is taking a medication that weakens the immune system.

Yes No Student has a weak immune system from HIV/AIDS or other diseases that weaken the immune system.

Yes No Student is 18 years or younger and taking aspirin (or medicine that has aspirin in it) every day.

Yes No Student has had chemo or radiation in the last 3 months.

Yes No Student is pregnant or planning to become pregnant in the next 12 weeks.

Yes No Student will have received a live virus vaccination (MMR, varicella, or yellow fever) within 28 days of this flu vaccine.

Yes No Student has received a stem cell or bone marrow transplant.

Yes No Student has a history of cochlear implant.

Yes No Student has history of anatomic or functional asplenia (no spleen function, including sickle cell disease).

Yes No Student has a diagnosis of active cerebrospinal fluid leak(s).

Yes No Student anticipates close contact during the next 7 days (after receiving FluMist) with a severely immunosuppressed person who requires a protective environment.

Check one box below. If no box checked, student will receive the shot.

Prefer nose spray, but shot acceptable if nose spray is unavailable Permission for the nose spray only Permission for the shot only

Parent or Guardian Information

All fields required if student less than 18 years. (Students who are 18 years or older need only complete Email and Best Daytime Phone.)

Parent or Guardian Name (First, Middle, Last) Parent or Guardian Birth Date (mm-dd-yyyy) Best Daytime Phone (during school clinic)

Parent or Guardian Address (Street, City, State, ZIP Code) Email

My signature below means I have reviewed the Vaccine Information Statement (www.immunize.org/vis/) for this vaccine and consent to have student receive the flu vaccine at school. To ensure student safety, I understand clinic nurses may provide comfort holds just as they do in the medical clinic.

Signature of parent, guardian, or student (age 18 years or older) giving consent for the flu vaccine. Date (mm-dd-yyyy) Relationship to Student

Staff Only

Site Used: LA RA LT RT Nose Lot Number Expiration Date (mm-dd-yyyy) Vaccinator Initials

Did not vaccinate: Did not report Uncooperative Information discrepancy Other

MC4483-28rev0423

REGISTRATION FORM PROCESSING

- Paper registration forms delivered to schools prior to start of registration period and collected at end of registration period
- All forms reviewed for completion
 - Incomplete forms must have blank or unclear information resolved
- Compile list of registered students sorted by grade and teacher (if applicable) for each school

DAY OF CLINIC

- Nursing and registration staff meet at central location and load up supply vans
- Staff set up clinic in space identified in advance by school
- Registered students are vaccinated
 - Elementary – students are brought down by class in coordination with LSN or PHN
 - Secondary – typically called down to clinic
- Vaccines are administered by Mayo or OMC staff using distraction and pediatric pain relieving options
- LSN or PHN assist with all aspects of clinic
- Student receives form to take home indicating that they were vaccinated
- SLIP staff move to next school (2+ daily)





<https://www.youtube.com/watch?v=rRUAYSGFfBI>



END OF DAY

- Staff document and bill in EHR at end of day (Mayo) or during clinic (OMC)
 - Patient's insurance will be billed
 - Students will not be turned away for inability to pay
- Reconcile number of vaccine doses to number of students vaccinated
- Notify parents/guardians if student not vaccinated
 - Information discrepancy that cannot be resolved, they are not registered, if student refuses, or if they are absent
- Restock supplies for next day
- Assess if vaccine supply is adequate for upcoming clinics
- Respond to parent/guardian phone calls, e-mails

BENEFITS & CHALLENGES

Benefits

- Decrease influenza-like illnesses for students and teachers
- Reach children where they are
- Provide convenience for families
- Improve appointment access for Primary Care clinics
- Increase first-time vaccinations for populations currently not seen in clinics
- Increase “herd immunity” by vaccinating children, who are most likely to spread disease

Challenges

- Vaccine hesitancy
- Scheduling – coordination of school schedules, staffing schedules, etc.
- Slight disruption to school day
 - Student out of classroom ~15 minutes
- Vaccine availability
- Communication
- Expect the unexpected
 - Go with the flow!

CONTACT US



507-293-4800



schoolflu@mayo.edu

QUESTIONS & ANSWERS



REFERENCES

- Centers for Disease Control and Prevention. (2023, November 11). *Parents: Help Children Fight Flu*. <https://www.cdc.gov/flu/highrisk/parents.htm>
- Centers for Disease Control and Prevention. (2021, May 28). *Influenza Vaccination Coverage for Persons 6 Months and Older*. <https://www.cdc.gov/flu/fluview/interactive-general-population.htm>