



State of Wisconsin  
Department of Health Services

Scott Walker, Governor  
Linda Seemeyer, Secretary

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August 31, 2018

Jeffrey Renk  
Senate Chief Clerk  
Room B20 Southeast  
Madison, Wisconsin 53702

Patrick E. Fuller  
Assembly Chief Clerk  
17 West Main Street, Room 401  
Madison, Wisconsin 53703

Dear Mr. Renk and Mr. Fuller:

I am pleased to submit to the Legislature the enclosed report as required by Wis. Stat. ch. 252. The report describes the success of the statewide Immunization Program for CY 2017. The Immunization Program produced all required reports.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Seemeyer", written over a horizontal line.

Linda Seemeyer  
Secretary

Enclosure

## Report on the Success of the Statewide Immunization Program during CY 2017

Wisconsin Stat. § 252.04(11) directs the Department of Health Services to submit an annual report to the Legislature by July 1 on the success of the statewide Immunization Program.

Assessments were completed on three different age groups:

1. **Preschool-age children:** Estimates of immunization levels among Wisconsin preschool-age children (19-35 months of age) are determined using the Wisconsin Immunization Registry (WIR). A child's primary immunization series includes four DTaP; three polio; one MMR; three or more *Haemophilus influenzae* Type B; three hepatitis B; one varicella; and four pneumococcal conjugate vaccine. The percentage of preschool-age children who completed the primary series for 2017 increased from 72.6% to 72.9%.
2. **Kindergarten through 12<sup>th</sup> grade:** The compliance results for the 2017-2018 school year when compared to last year's results demonstrate a decrease in the percentage of students "meeting minimum" immunization requirements (from 92.5% to 92.3%), an increase (from 1.6% to 1.7%) in the percentage of students "behind schedule," and an increase in the number of parents who claimed a "personal conviction" waiver for their child (from 4.2% to 4.3%). The Immunization Program also collects information on the number of students at each school who received no immunizations and had a waiver for all vaccines. The results indicated that 1% of Wisconsin students received no immunizations and had a waiver for all vaccines, consistent with the 2016-2017 school year.
3. **Adolescents:** CY2017 immunization activities also included those specific to adolescents aged 13 through 18 years. Vaccines included in the adolescent platform include HPV, MCV4 and Tdap. The following represent coverage rates for the adolescent platform using WIR data: one or more HPV (53.3%), HPV Complete\*\* (39.0%), one or more MCV4 (70.9%), MCV4 up to date\* (43.9%), and one or more Tdap (78.8%).

The **WIR** currently has 16,534 active users. The count of active users does not include those who enter the system through an electronic health record (EHR) or electronic medical record (EMR) with a real-time interface with WIR. There are more than 9.1 million client records with 98 million associated immunizations in WIR. Each day approximately 13,276 vaccine administration records are added to WIR. There was an average of 61,920 public access attempts per month during 2017; with a peak of 81,121 public access attempts during August 2017. WIR has 2,405 schools and school districts, all of which have the ability to enter data into WIR. During 2017, we updated the HPV vaccine series to accept two or three doses, depending on the client's age at vaccine series initiation and implemented Health Level 7 2.5.1 release 1.5 messaging.

\*MCV4 up to date: Includes only clients 17-18 years old. Clients are considered up to date if they have received an MCV4 dose prior to age 16 years and a booster dose at or after 16 years or if they received one MCV4 dose at or after 16 years.

\*\*HPV Complete: Represents either a two or three dose series depending on age at vaccine series initiation.

