

Report on the Success of the Statewide Immunization Program during CY 2014

Department of Health Services

June 19, 2015

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. Kindergarten through 12th grade: The compliance results for the 2014-2015 school year when compared to last year's results demonstrate a 0.2% increase in the number of students 'meeting minimum' requirements (to 92.5%), a 0.1% decrease in the number of students 'behind schedule' (to 1.8%), and the number of parents who claimed a 'personal conviction' waiver for their child remained unchanged at 4.3%.*
2. Kindergarten: Immunization Program personnel assessed a random sample of elementary schools with kindergartens in Wisconsin. Immunization information was extracted from the child's Student Immunization Record. Kindergarten children are required to receive the following vaccines: 4 DTaP (Diphtheria, Tetanus, and Pertussis); 3 Polio; 2 MMR (Measles, Mumps, and Rubella); 3 Hepatitis B; and 2 Varicella. The percentage of kindergarten children who received all required vaccines for the 2014-2015 school year decreased by 0.9% (to 87.6%) compared to results from last year and the number of parents who claimed a 'personal conviction' waiver for their child increased by 0.7% (to 5.3%).*
3. Preschool-age children: Estimates of immunization levels among Wisconsin preschool-age children (19-35 months of age) are determined by the CDC National Immunization Survey. A new cohort of parents is surveyed each year via a random digit dial telephone survey that is later verified with the child's health care provider's records. A child's primary immunization series includes: 4 DTaP; 3 Polio; 1 MMR; ≥ 3 or ≥ 4 *Haemophilus influenzae* Type B [depending on product type received]; 3 Hepatitis B; 1 Varicella; and 4 Pneumococcal Conjugate Vaccine). The percentage of preschool-age children who completed the primary series for 2013 was 72.8% (compared to 70.4% nationally).

The **Wisconsin Immunization Registry (WIR)** currently has 14,217 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 bidirectional interface with WIR. There are more than 8.4 million client records with 80 million associated immunizations in WIR. Each day approximately 15,815 vaccine administration records are added to WIR. There were approximately 48,351 public access attempts per month during 2014; however, during August alone, there were 63,126 public access attempts. WIR has 2,107 schools and school districts, all of which have the ability to enter data into WIR. During 2014 the following functionalities were added to WIR: dose-level eligibility, 2D barcoding and WIR report cards, which assess data completeness, accuracy and timeliness at the provider level.

*Note that it is common for percentages to fluctuate over time when monitoring school compliance with immunization requirements.