

Report on the Success of the Statewide Immunization Program during CY 2013

Department of Health Services

June 25, 2014

Wisconsin Statute § 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 2013-2014 school year when compared to last year's results demonstrate a 0.3% decrease in the number of students 'meeting minimum' requirements (to 92.3%), a 0.1% increase in the number of students 'behind schedule' (to 1.9%), and a 0.3% increase in the number of parents who claimed a 'personal conviction' waiver (to 4.3%) for their child.*
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 2013-2014 school year increased by 0.7% (to 88.5%) compared to results from last year and the number of parents who claimed a 'personal conviction' waiver for their child remained unchanged at 4.6%.*
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 2012 was 75.2% (compared to 68.4% nationally).

The **Wisconsin Immunization Registry (WIR)** currently has 12,997 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 8.1 million client records with 74 million associated immunizations in WIR. Each day approximately 25,000 vaccine administration records are added to WIR. There were approximately 42,500 public access attempts on a monthly basis during 2013; however, during August alone, there were 54,900 public access attempts. WIR has 2,085 schools and school districts, all of which have the ability to enter data into WIR.

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