

# Report on the Success of the Statewide Immunization Program during CY 2015

Department of Health Services

June 17, 2016

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 12<sup>th</sup> grade: The compliance results for the 2015-2016 school year, when compared to last year's results, demonstrate no change in the percentage of students 'meeting minimum' requirements (92.5%), no change in the percentage of students 'behind schedule' (1.8%), and no change in the number of parents who claimed a 'personal conviction' waiver for their child (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: four DTaP (diphtheria, tetanus, and pertussis); three polio; two MMR (measles, mumps, and rubella); three hepatitis B; and two varicella. The percentage of kindergarten children who received all required vaccines for the 2015-2016 school year decreased by 1.6 percentage points (to 86.0%) compared to results from last year and the number of parents who claimed a 'personal conviction' waiver for their child decreased by 2.0 percentage points (to 3.3%).\*
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: four DTaP; three polio; one MMR;  $\geq 3$  or  $\geq 4$  *Haemophilus influenzae* Type B (depending on product type received); three hepatitis B; one varicella; and four pneumococcal conjugate vaccines). The percentage of preschool-age children who completed the primary series for 2014 was 70.9% (compared to 71.6% nationally).

The **Wisconsin Immunization Registry (WIR)** currently has 15,870 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 8.7 million client records with 87 million associated immunizations in WIR. Each day approximately 16,473 vaccine administration records are added to WIR. There were approximately 60,155 average public access attempts per month during 2015, with a peak of 79,840 public access attempts during February 2015. There are 2,251 schools and school districts with the ability to enter data into WIR. During 2015, the program enabled Vaccines for Children (VFC) providers to pre-book and fill influenza vaccine orders through the WIR, thereby replacing a more time-consuming and inefficient paper-based process.

\*Note that it is common for percentages to fluctuate over time when monitoring school compliance with immunization requirements, especially for the kindergarten assessment, which assesses rates among only a small sample of schools.

