

## Immunization/Vaccinations Resources

### **Current Wisconsin Immunization Law:**

As of the fall of 2019 in Wisconsin, children can be waived from immunization requirements for school for three reasons: (1) personal conviction, (2) religious, and (3) medical/health reasons (Wisconsin Department of Health Services, 2018, <https://www.dhs.wisconsin.gov/publications/p01438.pdf>). In order to qualify for a personal conviction or religious exemption, parents simply fill out a waiver form that is turned into the child's school. In Wisconsin, the rates of personal conviction exemptions for school age children have increased from 1.2% in 1997 to up to 4.6% in 2018; moreover, in the 2018-2019 school year, 5.3% of all students had an immunization waiver (Wisconsin Department of Health Services, 2019, <https://www.dhs.wisconsin.gov/publications/p01894.pdf>). Having a sufficient number of people immunized is critical to establishing community immunity and preventing illness and death, especially among those at particular risk, such as infants or those of all ages who are immunocompromised. There are currently a 2019 Assembly Bill 248 and a 2019 Senate Bill 262 to eliminate the personal conviction exemption from immunization (Wisconsin State Legislature, <http://docs.legis.wisconsin.gov/2019/proposals/sb262>, <http://docs.legis.wisconsin.gov/2019/proposals/ab248>).

### **Immunization exemptions in other states:**

Currently only 16 states permit personal conviction-type immunization exemptions; however, the vast majority of states (44), do permit religious exemptions (Sandstrom, 2019, <https://www.pewresearch.org/fact-tank/2019/06/28/nearly-all-states-allow-religious-exemptions-for-vaccinations/>). As of June of 2019, there were five states (California, Mississippi, West Virginia, New York, and Maine) that only permit medical waivers for immunization (Sandstrom, 2019). By removing the personal conviction for immunization, Wisconsin would join the majority of states with such laws. While removing the

religious waiver may be more controversial, it is a position the WNA can promote to improve health over time. By removing both the personal conviction and religious exemptions, Wisconsin could increase immunization rates and improve the chances of achieving community immunity.

### **ANA position on Immunization Exemptions:**

In June of 2019, the American Nurses Association updated their immunization policy statement to exclude religious exemptions for immunization; currently the ANA only supports medical exemptions for immunization (<https://www.nursingworld.org/news/news-releases/2019-news-releases/american-nurses-association-takes-action-on-critical-public-health-issues/>).

### **Rates of Immunization in Wisconsin:**

While Wisconsin has not had an outbreak of measles, Wisconsin children are very much at risk. The 2018 data show that for 5 and 6 year olds, only 5 out of 72 counties in Wisconsin had MMR (Measles, Mumps, and Rubella) immunization rates of over 85%, with more than half the counties with immunization rates at less than 80% (Wisconsin Department of Health Services, April 2019, <https://www.dhs.wisconsin.gov/publications/p02420a.pdf>; Johnson, September 2019, in Milwaukee Journal Sentinel, <https://www.jsonline.com/story/news/local/wisconsin/2019/09/03/measles-wisconsin-nears-50-000-unvaccinated-children-u-s-copes-outbreak/2152352001/>).

### **Immunization throughout the lifespan:**

While adults are not covered under laws for immunization waivers (which only apply to school age children), having laws which support and promote immunizations for school age children could also positively influence immunization rates for people throughout the lifespan. Consider immunization against influenza as an example. The influenza vaccine is safe and has been proven to decrease: (1) rates of influenza, (2) the severity of the illness, (3) the number of hospitalizations, and (4) the number of deaths attributable to influenza

( CDC, 2018, <https://www.cdc.gov/flu/vaccines-work/vaccineeffect.htm>). For the 2017-2018 season, the CDC estimates that the influenza vaccine prevented “approximately 7 million flu illnesses, 109, 000 flu hospitalizations, and 8,000 flu deaths” (CDC, 2018, <https://www.cdc.gov/flu/vaccines-work/burden-averted.htm>). Immunizations are fairly inexpensive in comparison to the improvements in morbidity and mortality. In the Wisconsin 2018-2019 influenza season, only 40% of residents were immunized against influenza, and there were:

over 17,000 cases of influenza

over 3400 influenza-related hospitalizations

124 deaths (4 pediatric)

(Wisconsin Department of Health Services, October 2019, Respiratory Virus Surveillance Report (<https://www.dhs.wisconsin.gov/publications/p02346.pdf>). A percentage of these deaths and illness could have been prevented with higher immunization rates.

### **Role of Nursing in Immunization:**

Nurses are ideally situated to promote immunization; nurses are actively involved in developing immunization policy, planning immunization campaigns, providing immunization education, and directly immunizing individuals. Nurses are often the frontline health care provider asking patients about immunization status, offering immunization, and educating patients about the importance of immunization to protect themselves, their infants, their older family members, and their immunocompromised neighbors.

### **Supporting Material**

2019 Assembly Bill 248: <http://docs.legis.wisconsin.gov/2019/proposals/ab248>

2019 Senate Bill 262: <http://docs.legis.wisconsin.gov/2019/proposals/sb262>

American Nurses Association Position Statement on Immunization (July 21, 2015):  
<https://www.nursingworld.org/~49041c/globalassets/practiceandpolicy/nursing-excellence/ana-position-statements/nursing-practice/immunizations.pdf>

American Nurses Association no longer support religious exemptions to vaccination: (June 22, 2019):<https://www.nursingworld.org/news/news-releases/2019-news-releases/american-nurses-association-takes-action-on-critical-public-health-issues/>

Wisconsin Immunization Exemptions:  
<https://www.dhs.wisconsin.gov/publications/p01438.pdf>

Wisconsin Immunization Rates 2018 to 2019:  
<https://www.dhs.wisconsin.gov/publications/p01894.pdf>

Wisconsin Influenza Immunization Data:  
<https://www.dhs.wisconsin.gov/publications/p02346.pdf>

Wisconsin MMR Immunization Data for 5-6 year olds:  
<https://www.dhs.wisconsin.gov/publications/p02420a.pdf>

Wisconsin Immunization Rates:  
<https://www.dhs.wisconsin.gov/immunization/data.htm>

Article about religious, personal, and medical exemptions for all states:  
<https://www.pewresearch.org/fact-tank/2019/06/28/nearly-all-states-allow-religious-exemptions-for-vaccinations/>

Article from the Milwaukee Journal Sentinel about MMR vaccination rates in Wisconsin:  
<https://www.jsonline.com/story/news/local/wisconsin/2019/09/03/measles-wisconsin-nears-50-000-unvaccinated-children-u-s-copes-outbreak/2152352001/>

## References

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Wisconsin Department of Health Services. (June 2018). Immunization Law Clarification. Accessed September 1, 2019 at <https://www.dhs.wisconsin.gov/publications/p01438.pdf>

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Centers for Disease Control and Prevention. Vaccine Effectiveness: How Well Do the Flu Vaccines Work? Accessed September 1, 2019 at <https://www.cdc.gov/flu/vaccines-work/vaccineeffect.htm>

Centers for Disease Control and Prevention. Estimated Influenza Illnesses, Medical Visits, and Hospitalizations Averted by Vaccination. Accessed September 1, 2019 at <https://www.cdc.gov/flu/vaccines-work/burden-averted.htm>

Wisconsin Department of Health Services, Division of Public Health Bureau of Communicable Diseases, Communicable Diseases Epidemiology Section. Respiratory Virus Surveillance Report Week 20: Ending May 18, 2019. Accessed September 1, 2019 at <https://www.dhs.wisconsin.gov/publications/p02346.pdf>

Wisconsin Department of Health Services, Wisconsin Immunization Program (April 2019). Wisconsin Immunization Rates 2018-2019 School Year. Accessed 10/28/2019 at <https://www.dhs.wisconsin.gov/publications/p01894.pdf>

Wisconsin Department of Health Services. (April 2019). Percent of 5-and 6-year-olds with at least two doses of MMR, 2018. Accessed 10/28/2019 at <https://www.dhs.wisconsin.gov/publications/p02420a.pdf>

Johnson, Mark. (September 3, 2019). 50,000 unvaccinated children head to Wisconsin schools as the U.S. copes with worst measles outbreak in 27 years. Milwaukee Journal Sentinel. Accessed October 28, 2019 at <https://www.jsonline.com/story/news/local/wisconsin/2019/09/03/measles-wisconsin-nears-50-000-unvaccinated-children-u-s-copes-outbreak/2152352001/>).

Wisconsin State Legislature. (2019-2020). 2019 Assembly Bill 248: <http://docs.legis.wisconsin.gov/2019/proposals/ab248>

Wisconsin State Legislature. (2019-2020). 2019 Senate Bill 262: <http://docs.legis.wisconsin.gov/2019/proposals/sb262>