

TO: Immunization Action Coalition of Washington Members

FROM: Washington State Department of Health | Julia Velonjara, MPH

DATE: October 16, 2018

SUBJECT: New National Immunization Survey Childhood Data (2017)

To our partners in the Immunization Action Coalition of Washington,

The Centers for Disease Control and Prevention (CDC) has released the 2017 National Immunization Survey (NIS) Childhood data, including Washington's immunization rates. Most vaccination rates for toddlers 19 to 35 months in Washington State and nationally did not change significantly from 2016. However, there were two significant decreases over the last year: *Haemophilus influenzae* type b (Hib) and hepatitis B (HepB) birth dose vaccinations. Nationally, there was a significant increase in Hib vaccination rates.

In the past ten years, we have seen year-to-year fluctuation in coverage rates. Washington and national vaccine coverage protecting against Hib, hepatitis A, and rotavirus has increased over the past decade. However, vaccination coverage for other common childhood diseases like measles, whooping cough, and chickenpox has been essentially flat for ten years, leaving our state vulnerable to outbreaks.

For example, Washington's MMR (measles, mumps, and rubella) vaccination rate in 2017 was 88.5 percent. As long as MMR vaccination coverage to protect against measles and mumps is below 95 percent, it is inadequate for community immunity. This continues to be a risk for everyone in our communities.

We have not seen improvement this year and we are keeping our eye on long-term progress toward the Healthy People 2020 goals. With only three years of data remaining, we are within reach of some goals, but still have large gaps in others. Public health, healthcare providers, and other community partners have been diligently working to achieve our current vaccination rates, and we thank you for that, but there is more work to be done to achieve and sustain a healthy community.

Here are some key numbers:

2017 NIS-Child results for selected vaccines (ages 19 to 35 months)

Vaccine	WA	WA Change from 2016	National
≥4 DTaP	81.0%	-4.8%	83.2%
≥3 Polio	88.7%	-4.3%	92.7%
≥1 MMR	88.5%	-2.6%	91.5%
≥3* Hib	78.8% [¶]	-9.0%	80.7%
≥3 HepB	88.3%	-1.2%	91.4%
≥3 HepB birth dose	67.4% [¶]	-10.1%	73.6% [§]
≥1 Varicella	89.2%	-0.1%	91.0%
≥4 PCV	81.3%	-5.7%	82.4%
≥2 HepA	60.8%	-0.2%	59.7%
≥2* Rotavirus	73.6%	-3.8%	73.2%
4:3:1:3:3*:1:4 series [#]	69.9%	-5.8%	70.4%

[¶] indicates statistically significant (p<0.05) decrease from 2016 to 2017.

[§] indicates statistically significant (p<0.05) increase from 2016 to 2017.

*depends on product type, may need an additional dose.

[#]consists of ≥4 doses DTaP, ≥3 doses polio, ≥1 doses MMR, ≥3*doses Hib, ≥3 doses HepB, ≥1 doses varicella, and ≥4 doses PCV vaccines.

You can view both national and statewide NIS-Child results at the CDC's ChildVaxView web page. The article about the nationwide data is in the October 12 MMWR. If you have questions about Washington's data, contact:

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The Department of Health, the IACW, and other partners must continue to strive to improve child immunization rates. Thank you!