

**Epi Update for Friday, February 14, 2020**  
**Center for Acute Disease Epidemiology (CADE)**  
**Iowa Department of Public Health (IDPH)**

Items for this week's Epi Update include:

- **2019 Novel Coronavirus (COVID-19) outbreak update and recommendations**
- **2020 child/adolescent and adult immunization schedules now available**
- **ACIP updates Tdap recommendations**
- **In the news: Deadliest infectious diseases in the world, ranked**
- **In the news: This is what the deadly coronavirus looks like under a microscope**
- **In the news: American life expectancy rises for first time in four years**
- **Infographic: We're back! Yeah, it's going to be sick.**

**2019 Novel Coronavirus (COVID-19) outbreak update and recommendations**

As of 2/14, over 64,000 cases of COVID-19 have been reported worldwide, including 15 cases in the U.S. Most of the cases have occurred in China. No cases have been identified in Iowa and the risk to Iowans remains low.

IDPH and local public health partners continue to monitor and isolate travelers with recent travel to China. Currently, 27 asymptomatic people are being monitored. Two individuals in Iowa who developed symptoms tested negative for COVID-19 at CDC.

IDPH has released resources for businesses, schools, health care and the public via our website. These include fact sheets, FAQs, infographics and more. These are available at [idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus](http://idph.iowa.gov/Emerging-Health-Issues/Novel-Coronavirus).

For more information about COVID-19 from CDC, visit [www.cdc.gov/coronavirus/2019-ncov/index.html](http://www.cdc.gov/coronavirus/2019-ncov/index.html).

**2020 child/adolescent and adult immunization schedules now available**

Updates to the CDC child and adolescent schedule include changes to recommendations for hepatitis A and Tdap vaccines. Clarifications have been added for DTaP, Hib, meningococcal and polio vaccination in the notes section. Additionally, the term "individual clinical decision making" has been replaced with "shared clinical decision making."

A blue color box has been added to the adult schedule, indicating shared clinical decision making is recommend. This impacts HPV, pneumococcal conjugate and meningococcal vaccines. Clarifications and minor edits were also updated in the notes section.

Resources:

- [Child and adult immunization schedule changes](#)
- [Recommended Immunization Schedule for Child and Adolescents, ages 18 years or younger, 2020](#)
- [Recommended Immunization Schedule for Adults, ages 19 years or older, 2020](#)
- [Vaccine catch-up guidance](#)
- [Resources for health care providers](#)
- [Iowa Department of Public Health Immunization Program](#)

## ACIP updates Tdap recommendations

Updated ACIP recommendations now allow either Td or Tdap vaccine to be used for:

- Decennial Td booster
- Tetanus prophylaxis for wound management
- Additional required doses in the catch up immunization schedule if a person has received at least 1 dose of Tdap vaccine

General Recommendations:

- **Persons aged 11–18 years:** These persons should receive a single dose of Tdap vaccine, preferably at age 11–12 years. To ensure continued protection against tetanus and diphtheria, 1 booster dose of either Td or Tdap vaccine should be administered every 10 years throughout life.
- **Persons aged ≥19 years:** Regardless of the interval since their last tetanus or diphtheria toxoid–containing vaccine, persons aged ≥19 years who have never received a dose of Tdap vaccine should receive 1 dose of Tdap vaccine. To ensure continued protection against tetanus and diphtheria, booster doses of either Td or Tdap vaccine should be administered every 10 years throughout life.
- **Pregnant women:** No change has been made to the recommendations for routine Tdap immunization during pregnancy. Pregnant women should receive 1 dose of Tdap vaccine during each pregnancy, irrespective of their history of receiving the vaccine. Tdap vaccine should be administered at 27-36 weeks gestation, preferably during the earlier part of this period, although it may be administered at any time during pregnancy.

For additional guidance, including catch-up immunization recommendations and tetanus prophylaxis for wound management, visit [www.cdc.gov/mmwr/volumes/69/wr/mm6903a5.htm](http://www.cdc.gov/mmwr/volumes/69/wr/mm6903a5.htm).

**In the news: Deadliest infectious diseases in the world, ranked**

[www.cbsnews.com/pictures/deadly-diseases-infectious-world-ranked/](http://www.cbsnews.com/pictures/deadly-diseases-infectious-world-ranked/)

**In the news: This is what the deadly coronavirus looks like under a microscope**

[www.cnet.com/news/this-is-what-the-deadly-coronavirus-looks-like-under-a-microscope/](http://www.cnet.com/news/this-is-what-the-deadly-coronavirus-looks-like-under-a-microscope/)

**In the news: American life expectancy rises for first time in four years**

[www.nytimes.com/2020/01/30/us/us-life-expectancy.html](http://www.nytimes.com/2020/01/30/us/us-life-expectancy.html)

**Infographic: We're back! Yeah, it's going to be sick.**



To view in full size, visit [idph.iowa.gov/immmtb/immunization](http://idph.iowa.gov/immmtb/immunization).

**Have a healthy and happy week!**  
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