Week in Review
August 14, 2017

August is National Immunization Awareness Month (NIAM)

This annual observance is sponsored by the National Public Health Information Coalition (NPHIC) to highlight the importance of vaccines for people of all ages. The 2017 Communications Toolkit (https://www.nphic.org/niam) is available and contains key messages, digital ads, social media messages, web banners, posters, logos and graphics to use with social media.

- July 31 – Aug 6: Babies & Young Children
- Aug 7 – Aug 13: Pregnant Women
- **Aug 14 – Aug 20: Adults** - [https://www.nphic.org/niam/item/10468](https://www.nphic.org/niam/item/10468)
- Aug 21 – Aug 27: Preteens and Teens
- July & August: Back to School

From the CDC:
The Adult Vaccine Quiz – [https://www2.cdc.gov/nip/adultimmsched/](https://www2.cdc.gov/nip/adultimmsched/)
Chronic Health Conditions and Adult Immunization - [https://www.cdc.gov/vaccines/adults/rec-vac/health-conditions/index.html](https://www.cdc.gov/vaccines/adults/rec-vac/health-conditions/index.html)
**Continuing Education...**

**CDC’s Pink Book Webinar Series:** 15 webinars reviewing the principles of vaccination, general recommendations, immunization strategies for providers, and specific information about vaccine-preventable diseases and the vaccines that prevent them. Register HERE: [https://www2.cdc.gov/vaccines/ed/pinkbook/](https://www2.cdc.gov/vaccines/ed/pinkbook/)

Wednesday, August 16, 12:00 pm ET – Meningococcal Vaccines

**Communication Strategies and Recommendations for the Upcoming Flu Season**

Webinar will provide a review of the 2016-17 Influenza Season and Summary of 2017-18 Influenza Vaccine Recommendations. Topics include: what’s new with this year's flu vaccine, updates on the communication plans by the CDC, updated promotion resources.

Register here: [https://cc.readytalk.com/registration/#/?meeting=2c9wmg7ms7zl&campaign=b8rq3gkjx1](https://cc.readytalk.com/registration/#/?meeting=2c9wmg7ms7zl&campaign=b8rq3gkjx1)

Wednesday, August 30, 2:00 pm ET

**Save the date: IZ Coalitions Network webinar on the anti-vaccine movement is scheduled for August 29!**

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**EMERGING INFECTIOUS DISEASES**

August 2017 Issue: Vectorborne Infections


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**Global Infectious Disease**

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 32: August 5 - 11, 2017
- 2 new events | 42 ongoing events | 32 outbreaks | 12 humanitarian crises
- 2 Grade 3 events, 6 Grade 2 events, 7 grade 1 events, 22 ungraded.
- [http://apps.who.int/iris/bitstream/10665/258688/1/OEW31-2970482017.pdf](http://apps.who.int/iris/bitstream/10665/258688/1/OEW31-2970482017.pdf)
- **Highlights:**
  
  o **Namibia** – *Crimean-Congo Hemorrhagic Fever* (2 cases, 1 death, CFR 50%). Patient was reportedly bitten by a tick on 7/29/17 while disinfecting goats (Okahao District, Omusati Region). He became ill 6 days after the tick bite, and presented to hospital with headache, chills and body aches, nausea, vomiting, epistaxis, and fever. Blood tests showed low platelet count and raised transaminases. Patient died 8/09/2017. One additional suspected cases was identified, and 31 contacts from the primary case are being followed-up daily.

  o **Uganda** – *Measles* (282 cases, 1 death, CFR 0.4%). An outbreak in the capital city of Kampala was identified on 8/8/2017. The initial case was detected 4/24/2017. All five divisions of the capital have been affected. The cases are: < 9 months – 19% | 1-5 years – 47% | >5 years – 22%. 40% have had no measles vaccination, 39% unknown vaccination coverage, 3% vaccinated.

  o **Seychelles** – *Dengue Fever* (3,679 cases, 3 deaths, CFR 0.08%). Insidious dengue fever outbreak has been occurring since Dec 2015. Cases have been reported from all regions of the three main islands.

  o **Burundi** – *Malaria* (4,864,976 cases, 2,205 deaths, CFR 0.05%). The overall situation remains serious, but the outbreak has improved in recent weeks. Incidence has declined since week 26. The entire country is reporting a high disease burden, but the northern, central, and eastern regions are most affected.

  o **DRC** – *Cholera* (18,882 cases, 485 deaths, CFR 2.6%). The outbreak is escalating, and an increase in the incidence has been seen in the last 4 weeks. Twelve of 26 provinces are reporting cases this week.

  o **Tanzania** – *Cholera* (30,467 cases, 479 deaths, CFR 1.57%). During the past week, 198 new suspected cases, including 4 deaths, have been reported on the Tanzania mainland. This upsurge is due to two new districts being affected.

  o **Chad** – *Hepatitis E* (1,697 cases, 18 deaths, CFR 1.06%). A slight decrease has been observed in the past few weeks. Pregnant women remain disproportionately affected (64 cases).

  o **Humanitarian Crises**
    - *Ethiopia* – Acute watery diarrhea, measles, malnutrition
    - *South Sudan* – Security situation → displacement, food insecurity, weakening of health systems

- 8/4 – Cote d’Ivoire: Dengue Fever
- 8/7 – China: human infection with avian influenza A (H7N9)

**Zika**
Currently active in:
- **Cape Verde, Mexico**
- **Africa**: Angola, Guinea-Bissau
- **Asia**: Maldives, Singapore
- **Caribbean**: Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cayman Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Saint Eustatius, Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America**: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **The Pacific Islands**: Fiji, Marshall Islands, Micronesia, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

### 2017 US Case Counts

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>200</td>
<td>5,140</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>224</td>
<td>553</td>
<td>36,860</td>
</tr>
<tr>
<td>Other Route</td>
<td>2 (sex)</td>
<td>49</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>202</strong></td>
<td><strong>5,413</strong></td>
<td><strong>553</strong></td>
<td><strong>37,007</strong></td>
</tr>
</tbody>
</table>

### 40 States with symptomatic disease cases: Alabama, Alaska, Arizona, California, Colorado, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

### 10 States without symptomatic disease cases: Arkansas, Connecticut, Delaware, District of Columbia, Idaho, Montana, New Hampshire, New Mexico, North Dakota, South Dakota, Tennessee,

**Territories effected**: American Samoa, Puerto Rico, US Virgin Islands

5 Things Expectant Parents Need to Know About Vaccines in Pregnancy

The more we learn about fetal development, the more advice women seem to get on what to do, and what to avoid, while pregnant. Of course, all this information can be overwhelming, especially when preparing for the arrival of your first child. While well-meaning friends and family will provide a constant stream of advice, expectant couples should rely on credible medical sources such as the CDC, the American College of Obstetricians and Gynecologists (ACOG), and the American College of Nurse Midwives.

From the Immunization Action Coalition

http://www.immunize.org/nslt.d/n70/n70.pdf
Volume 27, number 1

Summary of Recommendations for Child/Teen Immunization (Birth – 18 years)

Issue 1319: August 9, 2017
http://www.immunize.org/express/issue1319.asp

Ask the Experts: What is the schedule for hepatitis B vaccine administration for infants who weigh less than 2000 grams? I read that the birth dose should still be given in the hospital, but what would the schedule be after that?

OPINION: Vaccine funding must continue – the health of American children is at stake.

Researchers call on ACIP to update tetanus schedule.

Rotavirus vaccines continue to reduce diarrhea hospitalizations, medical costs in US kids.

Do parents accept community pharmacists as immunization providers?

What you need to know about HPV vaccine safety.

San Diego hepatitis A update: More than 300 cases and 10 deaths

Waterloo baby recovering after whooping cough, parents warning others.

In other news…

The Zika epidemic has slowed down, but a vaccine is still desperately needed - https://www.romper.com/p/the-zika-epidemic-has-slowed-down-but-a-vaccine-is-still-desperately-needed-76217

Despite California’s strict new law, hundreds of schools still don’t have enough vaccinated kids - http://www.latimes.com/health/la-me-kindergarten-vaccination-20170813-htmlstory.html

If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamed.org.