Week in Review
January 8, 2018

Reminder…

National Immunization Partnership with the APA (NIPA)
The National Immunization Partnership Network and the Academic Pediatric Association are collaborating on a national practice-based quality improvement initiative, funded by the CDC, to improve HPV immunization rates. Participants may be any organization serving adolescents and giving HPV vaccine.

Enrollment Deadline: January 2, 2018
https://www.surveymonkey.com/r/NIPAcohort4_EnrollmentPAcohort4_Enrollment
Learn more:

Education…

#PreteenVaxScene Webinar:
An Interprofessional Approach to HPV and Oral Cancer Prevention Education

Monday, January 8, 2018 from 12:00 – 1:00 pm ET
Register here:
https://cc.readytalk.com/registration/#/?meeting=sn4n3io76mf0&campaign=w9pnziy7i9p1

CDC: 100th Anniversary of the 1918 Flu Pandemic
A Webinar discussing the significance of the 1918 flu pandemic, highlighting achievements made over the last 100 years to detect, prevent, and respond to pandemic influenza; and discussing future opportunities to improve pandemic influenza preparedness.

Tuesday, January 9, 2018 from 12:00 – 1:00 pm ET
Join in as a guest on the Adobe Connect Site at the start time here:
https://cdcizlearn.adobeconnect.com/partners/

AHEC: Perspectives on Vaccine Hesitancy
How can we explain vaccine hesitancy given the self-evident truth that vaccines have unburdened mankind from so many serious diseases?
Wednesday, January 10, 2018 at 3:00 pm ET
Register here:

**Flu Clinics…**

**Monday Through Friday**
Hudson State Service Center, By Appointment Only
501 Ogletown Road, Newark, DE 19711 | 302-283-7587

**Mondays**
Milford State Service Center, 9:00 am – 4:00 pm (by appointment only)
253 NE Front Street, Milford, DE 19963 | 302-424-7130

**Tuesdays**
Adams State Service Center, 9:00 am – 11:00 am (by appointment only)
544 S Bedford Street, Georgetown, DE 19947 | 302-515-3220

**Wednesdays**
Williams State Service Center, 8:00 am – 3:30 pm (by appointment only)
805 River Road, Dover, DE 19901 | 302-857-5140

**Fridays**
Shipley State Service Center, 8:30 am – 12:00 pm AND 1:00 – 4:00 pm
350 Virginia Avenue, Seaford, DE 19973 | 302-628-6772

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**CDC Influenza Surveillance Report**
https://www.cdc.gov/flu/weekly/

During week 52 (December 24 - 30, 2017), influenza activity increased sharply in the United States.
**High influenza-like illness (ILI) activity** was reported in New York City and 26 states (Alabama, Arizona, Arkansas, California, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, Ohio, Oklahoma, Oregon, South Carolina, Texas, Virginia, Washington, and West Virginia).

**Moderate ILI activity** was reported in Puerto Rico and 9 states (Alaska, Colorado, Hawaii, Iowa, Massachusetts, North Carolina, Pennsylvania, Tennessee, and Wyoming).

**Low ILI activity** was reported in the District of Columbia and 6 states (Florida, Minnesota, New York, South Dakota, Utah, and Wisconsin).

**Minimal ILI activity** was reported in 9 states (Connecticut, Delaware, Idaho, Maine, Montana, New Hampshire, North Dakota, Rhode Island, and Vermont).

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<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 52</th>
<th>Total</th>
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<tbody>
<tr>
<td>Positive Specimen (%)</td>
<td>923 (51.2)</td>
<td>8,893 (38.9)</td>
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<tr>
<td>Influenza A (%)</td>
<td>784 (84.9)</td>
<td>7,754 (87.2)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>139 (15.1)</td>
<td>1,139 (12.8)</td>
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In week 52, there were 142 lab-confirmed cases of flu in Delaware, and the state activity has become WIDESPREAD. There were 0 flu-related deaths.

<table>
<thead>
<tr>
<th>Week 51</th>
<th>Total</th>
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<tbody>
<tr>
<td>Delaware</td>
<td>142</td>
</tr>
<tr>
<td>New Castle</td>
<td>61</td>
</tr>
<tr>
<td>Kent</td>
<td>34</td>
</tr>
<tr>
<td>Sussex</td>
<td>47</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
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Global Infectious Disease

**WHO Africa:**
**Weekly Bulletin on Outbreaks and Other Emergencies**
**Week 1:** December 30, 2017 – January 5, 2018

13 New Events | 50 Ongoing Events | 44 Outbreaks | 9 Humanitarian Crises


- **New Events:**
  - **South Sudan** – **Suspected viral hemorrhagic fever** (3 cases, 3 deaths, CFR 100%). A cluster of 3 suspected cases from Yirol East county was reported to the Ministry of Health and the WHO on Dec 28. The index case was a 30 year old pregnant female who became ill on Dec 7 with fever, headache, neck pain, and sudden nose, gum, and injection site bleeding. She died 12 days later. The second case – a 13 year-old female – was from the same village as the first case and became ill on Dec 20: she died 6 days later after developing bleeding from skin blisters. The third case – a 15 year-old male from the same village – became ill on Dec 24 and died three days later.
  - **Nigeria** – **Meningitis** (224 cases, 41 deaths, CFR 18.3%). From Sept 1 to Dec 28, cases of cerebro-spinal meningitis have been reported from four states in Nigeria (Zamfara, Sokoto, Katsina, and Jigawa). Seven wards, across six LGAs, have reached epidemic threshold. The most affected age group is 4 – 15 years, with a male:female ratio of 2:1.

- **Ongoing Events:**
  - **Sao Tome and Principe** – **Necrotizing Fasciitis** (2,472 cases, 0 deaths). The outbreak continues to evolve, and all districts have been affected, although no deaths have been reported as a direct result of the disease. About half of the cases are age 35 and older, and 56% are male.

- **Humanitarian Crisis:**
- **South Sudan.** A ceasefire was announced between the government and several armed groups, taking effect on Dec 24. There have been continued reports of clashes in Koch and Bieh since that time. Leading up to the ceasefire, a UN staff member was assaulted and detained in Yei (Dec 16) and a number of civilians were killed and others forced to flee on Dec 18. Humanitarian activities have been suspended in Rumbek East, and cholera continues to decline.

- 12/22 – United Arab Emirates: MERS-CoV

**Zika: Areas at Risk**
- **Africa:** Angola, Benin, Burkina-Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Mali, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Sudan, Sudan, Tanzania, Togo, Uganda
- **Asia:** Bangladesh, Burma (Myanmar), Cambodia, India, Indonesia, Laos, Malaysia, Maldives, Pakistan, Philippines, Singapore, Thailand, Timor-Leste (East Timor), Vietnam
- **Caribbean:** Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Sint Eustatius, Sint Maarten; Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America:** Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **North America:** Mexico
- **The Pacific Islands:** Fiji, Marshall Islands, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America:** Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

**2017 US Case Counts**
*The CDC is now updating this information on a bi-weekly basis.*

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<tr>
<td>Travelers</td>
<td>378</td>
<td>5,335</td>
<td>0</td>
<td>147</td>
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<tr>
<td>Local Mosquito-borne infection</td>
<td>3</td>
<td>227</td>
<td>611</td>
<td>36,956</td>
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<tr>
<td>Other Route</td>
<td>4 (sex)</td>
<td>51</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>385</strong></td>
<td><strong>5,613</strong></td>
<td><strong>611</strong></td>
<td><strong>37,103</strong></td>
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**41 States with symptomatic disease cases:** Alabama, Alaska, Arizona, California, Colorado, District of Colombia, 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, Tennessee, Texas,
Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

**9 States without symptomatic disease cases:** Arkansas, Connecticut, Delaware, Idaho, Montana, New Hampshire, New Mexico, North Dakota, South Dakota.

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

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Free Online Course Explains Cells, Immunity, and Vaccines

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**From the Immunization Action Coalition**

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**Issue 1343:** January 3, 2018
http://www.immunize.org/express/issue1343.asp

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**Daily Clips:** http://www.ecbt.org/index.php/daily_clips/index.php

*There is a Whole Cottage Industry of Doctors Helping Parents Skip Their Kids’ Vaccines*

*From Polio to Poverty to Sex Ed: 9 Predictions for 2018*
Measles deaths have dropped 84 percent since 2000

Whooping Cough Outbreak in Mesa County (CO)

Health department warns food establishments to be aware of hepatitis A outbreak (KY)

Seniors more likely to skip nursing homes where staff skip flu vaccines

Widespread Flu Activity in Texas Poses Issues for Vaccines (TX)

Vaccinations far from Oregon’s best shot (OR)

Completely Idiotic Things Anti-Vaccination Celebrities Have Said Over The Years

Meningitis vaccine battle could keep Lindenhurst student out of school (NY)

Cuyahoga County Board of Health weighs in on bacterial meningitis fear (OH)

Flu cases rising across Oregon, Washington, Idaho; some deaths reported (OR)

Call 6: 1,600 clinic patients notified flu shots, other vaccines may be ineffective (IN)

In other news…

Chagas cases linked to possible contaminated acai reported in southern Amazonas
http://outbreaknewstoday.com/chagas-cases-linked-possible-contaminated-acai-reported-southern-amazonas-22660/

Emerging infectious diseases: Q&A with Michel A. Ibrahim

LA County Officials Confirm First Case of Sexually Transmitted Zika Virus

Viruses have a big impact on our lives, and this podcast gives them their due.
https://www.washingtonpost.com/national/health-science/viruses-have-a-big-impact-on-our-lives-and-this-podcast-gives-them-their-due/2018/01/05/db1bc770-f08d-11e7-b390-a36dc3fa2842_story.html

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