Stay tuned for more updates!

**Continuing Education…**

Confronting Barriers to HPV Vaccination  
**Free CEUs until December 1, 2017**  
Find it here:  
[https://hrsacqpub1.connectsolutions.com/content/connect/c1/7/en/events/event/shared/92301866/event_landing.html](https://hrsacqpub1.connectsolutions.com/content/connect/c1/7/en/events/event/shared/92301866/event_landing.html)

**Upcoming Flu Clinics…**

**Monday, Nov 6:**

Blades Fire Hall, 4:00 – 6:30 pm  
200 E 5th Street, Blades DE 19973 | 302-629-4896

**Wednesday, Nov 8:**
Emmanuel Dining Room-West, 11:30 am – 1:00 pm
121 North Jackson Street, Wilmington DE 19805

Thursday, Nov 9:

Greenwood Fire Hall, 4:00 – 6:30 pm
12611 Sussex Highway, Greenwood DE 19950 | 302-670-4951

Monday, Nov 13:

Porter State Service Center, 10:00 am – 2:00 pm
511 West 8th Street, Wilmington, DE 19801

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**CDC Influenza Surveillance Report**

[https://www.cdc.gov/flu/weekly/](https://www.cdc.gov/flu/weekly/)

During week 43 (October 22 - 28, 2017), influenza activity was low in the United States.

![FluView Map](https://www.cdc.gov/flu/)

*High influenza-like illness (ILI) activity* was reported in 0 states.

*Moderate ILI activity* was reported in Wyoming.

*Low ILI activity* was reported in 4 states (Georgia, Louisiana, South Carolina, and South Dakota).

Data were insufficient to calculate an ILI activity level from the District of Colombia and Puerto Rico.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 43</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Tested</td>
<td>694</td>
<td>3,265</td>
</tr>
<tr>
<td>Positive Specimen (%)</td>
<td>119 (17.2)</td>
<td>796 (24.4)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>109 (91.6)</td>
<td>591 (74.3)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>10 (8.4)</td>
<td>205 (25.8)</td>
</tr>
</tbody>
</table>

In week 43, there were 5 lab-confirmed cases of flu in Delaware, raising the state activity to SPORADIC.

<table>
<thead>
<tr>
<th></th>
<th>This Week</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>New Castle</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Kent</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Sussex</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

November 2017 Issue (Vol 23, Issue 11): Pneumonia

Medscape CME Activity: Pregnant Women Hospitalized with Chikungunya Virus Infection

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Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 44: October 28 - November 3, 2017

1 New Events | 43 Ongoing Events | 34 Outbreaks | 10 Humanitarian Crises
New Events:

- **Senegal – Dengue fever** (232 cases, 0 deaths). The Louga Region in the north-west of the country has been experiencing an outbreak since 10/24, detected through arboviruses and hemorrhagic fever sentinel surveillance. DENV-1: 9 specimens,

Ongoing Events:

- **Burkina Faso – Dengue fever** (8,904 cases, 18 deaths, CFR 0.2%). The incidence is increasing exponentially, especially in the Central Region of the country around the capital city of Ougadougou. A total of 2,566 new suspected cases and 2 deaths were reported this week, 55% in the Central Region.

- **Uganda – Marburg Virus Disease** (3 cases, 3 deaths, CFR 100%). The outbreak continues to evolve. The cases are being reported in the Kween and Kapchorwa Districts. The first probable case was a male game hunter in his 30s, but no specimens were collected for testing. Two other cases (and deaths) were relatives of this first patient. The three suspected cases last week have been discarded as non-cases after investigation. As of 11/01, 135 contacts are under follow up, and 79 have completed the 21 day follow up period.

- **Madagascar – Plague** (1,947 cases, 143 deaths, CFR 7%). The number of new cases of pulmonary plague is declining across the country. Pulmonary: 1,437 (74%), bubonic: 295 (15%), septicemic: 1, not classified: 211. 71 health care workers have been affected with no deaths. Twenty-three strains of *Yersinia pestis* have been isolated and are sensitive to the recommended antibiotics.

- **Nigeria – Yellow fever** (166 cases, 10 deaths, CFR 6%). The outbreak (initially reported on 9/15) has evolved. Following confirmation of the index case (a 7 year-old girl from Kwara State who developed jaundice), the Nigeria Centre for Disease Control deployed a rapid response team to conduct an outbreak investigation and surveillance for jaundice was increased throughout the country. Six states have reported acute jaundice syndrome. 25 of 83 specimens sent for testing were positive for Yellow fever.

Humanitarian Crisis:

- **Central African Republic** – Widespread armed clashes throughout country, 18,000 displaced persons and 1,000 relocations.

- **DRC** – Increases in internal displacement (nearly 4 million internally displaced persons as of October)


- 11/06: Burkina Faso – Dengue Fever
- 11/02: Madagascar - Plague
Zika: Areas at Risk

- **Africa**: Angola, Benin, Burkina-Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d’Ivoire, DRC, 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, Micronesia, Palau, 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

<table>
<thead>
<tr>
<th>As of Nov 1, 2017</th>
<th>US 2017</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2017</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>327</td>
<td>5,284</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>1</td>
<td>225</td>
<td>583</td>
<td>36,928</td>
</tr>
<tr>
<td>Other Route</td>
<td>3 (sex)</td>
<td>50</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>331</strong></td>
<td><strong>5,559</strong></td>
<td><strong>583</strong></td>
<td><strong>37,075</strong></td>
</tr>
</tbody>
</table>

**40 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, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

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

**Territories effected**: American Samoa, Puerto Rico, US Virgin Islands
Scientists Travel to Remote Village in Search of Clues to Monkeypox Virus

From the Immunization Action Coalition

Final Issue: Vol. 27, No. 2
http://www.immunize.org/nslt.d/n71/n71.pdf

Issue 1333: November 1, 2017
http://www.immunize.org/express/issue1333.asp

Ask the Experts: I am a pharmacist who administers vaccines. I was recently told by a colleague that pregnant healthcare personnel were not to administer live vaccines to others. I had never heard that in school or practice. Is that true?


In other news…

BE AWARE: This week is “Vaccine Awareness Week,” co-sponsored by anti-vaxxers the National Vaccine Information Center (NVIC) and Dr. Joseph Mercola.
A promising new flu shot could provide lifelong immunity against the virus. 

Access to online experts tied to better vaccination rates
http://www.aappublications.org/news/2017/11/06/Vaccines110617

Online, social media intervention improves infant vaccination rates
https://www.healio.com/pediatrics/vaccine-preventable-diseases/news/online/%7Bc8a91457-e029-4a39-90e9-7c61d56375ec%7D/online-social-media-intervention-improves-infant-vaccination-rates

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