Week in Review
November 20, 2017

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

Shingles Vaccines: What You Need to Know
CEU Available: 1.0 AMA PRA Category 1 Credit | 1.0 CNE Contact Hour
When: Wednesday, December 6 from 12:00 – 1:00 pm EST
Register Here: https://cc.readytalk.com/r/3pw06ow1hp83&eom

Upcoming 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 (appointments only)
253 NE Front Street, Milford, DE 19963 | 302-424-7130

Tuesdays

Adams State Service Center, 8:00 am – 3:30 pm
544 S Bedford Street, Georgetown, DE 19947 | 302-515-3220

Wednesdays

Williams State Service Center, 8:00 am – 3:30 pm (appointments 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
CDC Influenza Surveillance Report
https://www.cdc.gov/flu/weekly/

During week 45 (November 5 – 11, 2017), influenza activity is increasing in the United States.

*High influenza-like illness (ILI) activity* was reported in 1 state (Louisiana).

*Moderate ILI activity* was reported in 2 states (Georgia and Mississippi).

*Low ILI activity* was reported in 6 states (Alabama, Hawaii, Nebraska, South Carolina, South Dakota, and Wyoming).


<table>
<thead>
<tr>
<th></th>
<th>Week 45</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Specimen Tested</td>
<td>714</td>
<td>5,854</td>
</tr>
<tr>
<td>Positive Specimen (%)</td>
<td>173 (24.2)</td>
<td>1,129 (19.3)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>154 (89.0)</td>
<td>993 (88.0)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>19 (11.0)</td>
<td>136 (12.0)</td>
</tr>
</tbody>
</table>
In week 45, there were 4 lab-confirmed cases of flu in Delaware, and the state activity remains SPORADIC.

<table>
<thead>
<tr>
<th></th>
<th>Week 45</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>New Castle</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Kent</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Sussex</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>

December 2017 Issue (Vol 23, Issue 12): Zoonotic Infections

Global Infectious Disease

WHO Africa:
Weekly Bulletin on Outbreaks and Other Emergencies
Week 46: November 11 - 17, 2017

2 New Events | 44 Ongoing Events | 35 Outbreaks | 11 Humanitarian Crises
http://apps.who.int/iris/bitstream/10665/259485/1/OEW46-11172017.pdf

- New Events:
- Ongoing Events:
  - Madagascar – Plague (2,267 cases, 195 deaths, CFR 9%). The WHO continues to support the Ministry of Public Health and national authorities to monitor and respond to the outbreak. The number of new cases and hospitalizations is declining. The last confirmed bubonic case was 11/7, and the last confirmed pneumonic case was 11/14. Pneumonic: 1,732 (76%), bubonic: 327 (14%), septicemic: 1, not yet classified: 207.
  - Burkina Faso – Dengue fever (12,087 cases, 24 deaths, CFR 0.2%). The outbreak continues to spread, especially in the central region of the country (including the capital). Incidence declined slightly this week. Cases have been reported in all 13 health districts.
  - Nigeria – Lassa fever (914 cases, 121 deaths, CFR 13.2%). There is a stable trend in the number of weekly cases. To date, the outbreak is still active in five states: Ondo, Edo, Lagos, Plateau,
and Bauchi. A total of 19 states have reported at least one confirmed case.

- **Uganda – Marburg virus disease** (3 cases, 3 deaths, CFR 100%). No new cases have been reported since 11/10. As of 11/16, all 339 contacts have completed the 21-day follow up. The second 21-day cycle will continue until 12/7.

- **Humanitarian Crisis:**
  - **Central African Republic** – Security situation. A grenade exploded in a bar in Bangui, reportedly killing 8 and injuring 34, with many others reported missing. A humanitarian convoy was attacked in the interior, and armed persons have attacked an Internally Displaced Persons site in the north of the country. Kidnapping (of children and adults) is also continuing.
  - **Democratic Republic of the Congo** – Civil and political conflicts. This large and complex humanitarian complex has led to the activation of Inter-Agency Standing Committee (IASC) System Wide Level 3 Emergency in October. 4.1 million IDP (the largest number globally), 40,000 refugees have fled to Angola and Zambia, and outbreaks of communicable disease (cholera and measles) have intensified.

- 11/15: Madagascar (Plague)
- 11/15: Uganda and Kenya (Marburg Virus Disease)

**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></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>344</td>
<td>5,301</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>2</td>
<td>226</td>
<td>584</td>
<td>36,929</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>349</strong></td>
<td><strong>5,577</strong></td>
<td><strong>584</strong></td>
<td><strong>37,076</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

How One Man is Credited With Saving 8 Million Lives a Year

From the Immunization Action Coalition

**Issue 1335:** November 15, 2017
http://www.immunize.org/express/issue1335.asp
**Ask the Experts:** Are there recommendations for meningococcal ACWY vaccination for people who reside in homeless shelters or halfway houses? In addition, can you comment on general vaccination recommendations for people who reside in homeless shelters or halfway houses?

**Ask the Experts Special Edition:** November 17, 2017
http://www.immunize.org/express/issue1336.asp

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

*Mumps shuts down visiting at two Texas prisons (TX)*

*CDC issues travel notice for New Zealand as mumps cases in Auckland top 800*

*UMass Amherst will give rare meningitis vaccine to 1,000 more (MA)*

*Whooping Cough case at Pisgah High School (NC)*

*Vaccine Debate: Should Idaho parents be required to vaccinate their children before school? (ID)*

*Video surfaces over student vaccination dispute with CUSD (CA)*

*Dr. David Brownstein fought Shingrix, and Shingrix won*

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**In other news…**

How Madagascar Took Control of its Plague Outbreak

In the heart of devastating outbreak, research team unlocks secrets of Ebola

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