Week in Review
March 5, 2018

Education…

Get Ready for National Infant Immunization Week 2018 (Webinar)
https://cc.readytalk.com/registration/#/?meeting=k3qq6ut7q8sl&campaign=imaow30nrxra

Flu Clinics…

Monday Through Friday
Hudson State Service Center, 8:15 am – 11:30 am (walk-ins welcome)
501 Ogletown Road, Newark, DE 19711 | 302-283-7587

Porter State Service Center, 8:15 am – 11:30 am (walk-ins welcome)
509 W. 8th Street, Wilmington, DE 19801 | 302-777-2860

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

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

Running low on Influenza Vaccine?
Influenza Vaccine Doses are available. If you need additional doses there are resources to assist providers with locating doses to fill their need. The National Adult and Influenza Immunization Summit webpage provides access to the Influenza Vaccine Availability Tracking System- IVATS. Please check this resource for availability

https://www.izsummitpartners.org/ivats/
During week 8 (February 18 - 24, 2018), influenza activity decreased in the United States.

High influenza-like illness (ILI) activity was reported in New York City, the District of Colombia, and 32 states.

Moderate ILI activity was reported in Puerto Rico and 9 states (California, Connecticut, Delaware, Nevada, Ohio, Oregon, Utah, West Virginia, and Wisconsin).

Low ILI activity was reported in six states (Hawaii, Idaho, Iowa, North Dakota, Tennesses, and Washington).

Minimal ILI activity was reported in three states (Florida, Maine, and Montana).

Widespread influenza activity was reported in Puerto Rico and 45 states (including Delaware). Regional activity was reported in Guam, Minnesota, and Texas. Local activity was reported by the District of Colombia, Hawaii, Oregon, and Vermont. No activity was reported by the US Virgin Islands.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 7</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,996</td>
<td>70,369</td>
<td></td>
</tr>
<tr>
<td>Positive Specimen (%)</td>
<td>1,095 (54.9)</td>
<td>39,351 (55.9)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>593 (54.2)</td>
<td>31,290 (79.5)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>502 (45.8)</td>
<td>8,061 (20.5)</td>
</tr>
</tbody>
</table>
In week 8, there were 893 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There were 5 flu-related deaths.

<table>
<thead>
<tr>
<th>Week 8</th>
<th>Total</th>
<th>Week 8</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>893</td>
<td>6674</td>
<td>114</td>
</tr>
<tr>
<td>New Castle</td>
<td>341</td>
<td>2500</td>
<td>57</td>
</tr>
<tr>
<td>Kent</td>
<td>206</td>
<td>1742</td>
<td>24</td>
</tr>
<tr>
<td>Sussex</td>
<td>346</td>
<td>2432</td>
<td>33</td>
</tr>
<tr>
<td>Deaths</td>
<td>5</td>
<td>24</td>
<td></td>
</tr>
</tbody>
</table>
New Events:
- Malawi – Cholera (642 cases, 13 deaths, CFR 2.0%). The outbreak has spread to Lilongwe and Salima districts. The outbreak began Nov 24, 2017, and 13 out of 29 districts have been affected.
- Nigeria – Lassa Fever (1,081 cases, 90 deaths, CFR 8.3%). The outbreak is ongoing, with new confirmed cases and deaths this week (CFR 18.5%). The cases have been reported in 18 states since the start of 2018. Sixty-nine percent of all cases are from Edo and Ondo states. The male to female ratio is 2:1.
- South Sudan – Rift Valley Fever (32 cases, 4 deaths, CFR 12.5%). The outbreak continues to be closely monitored, and patients are presenting with histories of fever, headache, and joint pain. The most recent case also presented with vomiting (coffee grounds and blood), melaena stools, and loss of consciousness). The deaths of animals in surrounding areas continues to increase.
- Tanzania – Cholera (1,306 cases, 27 deaths, CFR 2.1%). The outbreak is showing an increasing trend. Five out of 26 regions (or 9 out of 184 districts) on the mainland have reported cases. Zanzibar continues to report no cases in 2018.
- Uganda – Cholera (1,151 cases, 31 deaths, CFR 2.7%). The outbreak continues to evolve, and new areas are affected (Sebigoro and Kasango Cholera Treatment Centers). The outbreak began Feb 15, 2018, and the majority of people affected are refugees from the DRC.

Humanitarian Crisis:
WHO Disease Outbreak News (www.who.int/csr/don/en/)
- 2/26 – Gambia: Rift Valley Fever
- 2/27 – Mombasa, Kenya: Chikungunya
- 2/27 – Brazil: Yellow Fever
- 3/01 – Nigeria: Lassa Fever
- 3/02 – DRC: Cholera

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, 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, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

**2018 US Case Counts**
*The CDC is now updating this information on a bi-weekly basis.*

<table>
<thead>
<tr>
<th></th>
<th>US 2018</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2018</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>3</td>
<td>5,376</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>228</td>
<td>1</td>
<td>37,028</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>54</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3</td>
<td><strong>5,658</strong></td>
<td>1</td>
<td><strong>37,175</strong></td>
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How One Teen is Engaging Her Peers to Help Eliminate HPV Related Cancers

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*From the Immunization Action Coalition*
**Issue 1352**: February 28, 2018

**Ask the Experts**: Special Edition


**OPINION**: All children should have to get the flu shots (NY Times)

*Why does flu make you feel so miserable? You body is flooding itself with chemicals (Chicago Tribune)*

*At some California hospitals, fewer than half of workers get the flu shot (CA)*

*Whooping cough cases spike across Treasure Valley (ID)*

*Mass media exposure increased demand for vaccination (Science Daily)*

*Health Check Kids: Childhood vaccination rates in RI (PA)*

*Virus-like particle could lead to new cancer vaccine (MSU Today)*

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**In other news…**

Better vaccines through innovative DNA immunization

Lassa fever: The killer disease with no vaccine

Rabies vaccine hesitancy and deaths among pregnant and breastfeeding women (Vietnam, 2015 – 2016)
https://www.cdc.gov/mmwr/volumes/67/wr/mm6708a4.htm

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