Week in Review
March 26, 2018

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/

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

During week 11 (March 11 - 17, 2018), influenza activity decreased in the United States.
High influenza-like illness (ILI) activity was reported in six states.

Moderate ILI activity was reported in nine states.

Low ILI activity was reported in New York City, Puerto Rico, the District of Colombia, and 17 states.

Minimal ILI activity was reported in 18 states (including Delaware).

Widespread influenza activity was reported in 17 states (including Delaware). Regional activity was reported in Guam, Puerto Rico and 26 states. Local activity was reported by the District of Colombia and five states. Sporadic activity was reported by the US Virgin Islands, Hawaii, and Vermont.

<table>
<thead>
<tr>
<th></th>
<th>Week 11</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Tested</td>
<td>896</td>
<td>81,677</td>
</tr>
<tr>
<td>Positive Specimen (%)</td>
<td>433 (48.3)</td>
<td>45,706 (56.0)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>184 (42.5)</td>
<td>34,566 (75.6)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>249 (57.5)</td>
<td>11,140 (24.4)</td>
</tr>
</tbody>
</table>

In week 11, there were 216 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There was 1 flu-related death.
**Figure 1.** Confirmed cases of influenza by type and subtype/lineage, Delaware 2017-18

1. Based on patients with positive nucleic acid or viral culture test results reported to the Delaware Division of Public Health.
2. Data Source: Season 2017-2018 Influenza Positive Specimens from Delaware, Reported by WHO/NREVSS Collaborating Laboratories

<table>
<thead>
<tr>
<th></th>
<th><strong>Cases</strong></th>
<th><strong>Hospitalizations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week 11</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>216</td>
<td>7,651</td>
</tr>
<tr>
<td>New Castle</td>
<td>79</td>
<td>2,904</td>
</tr>
<tr>
<td>Kent</td>
<td>37</td>
<td>1,914</td>
</tr>
<tr>
<td>Sussex</td>
<td>100</td>
<td>2,833</td>
</tr>
<tr>
<td>Deaths</td>
<td>1</td>
<td>31</td>
</tr>
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</table>
Meeting
  o Extra-Ordinary Strategic Meeting of Southern African Development Community Health Ministers on Listeriosis Preparedness and Response (March 15, 2018)

New Event
  o Namibia – Listeriosis (1 case, 0 deaths). A 41-year-old man with a known chronic co-morbidity was admitted to a private hospital in Windhoek (Oshikoto Region) on March 5. Patient is in stable condition.
  o Nigeria – Cholera (608 cases, 3 deaths, CFR 0.5%). The Borno State Ministry of Health declared an outbreak of cholera in the Kukawa LGA. The initial cases emerged Feb 13, and tests have been positive for *Vibrio cholerae*. Three wards in the LGA have been affected. Just under half (49%) of the cases are in children under the age of 5 years. The trend has been decreasing in the past week.

Ongoing Events
  o Liberia – Lassa Fever (42 cases, 14 deaths, CFR 33.3%). Sporadic cases of Lassa fever are still occurring, and five counties have been affected since the beginning of 2018. Seven cases have been confirmed by RT-PCR.
  o Malawi – Cholera (759 cases, 23 deaths, CFR 3.0%). The outbreak continues to evolve, with some reduction in trend observed in the last two weeks. Thirteen out of 29 districts in the country have been affected.
  o Namibia – Hepatitis E (957 cases, 10 deaths, CFR 1.0%). The outbreak continues, with a steady decline in trend. The last confirmed case was on Mar 13. Six of the 10 deaths have occurred in pregnant mothers, and the four men had co-morbidities. Seventy-three percent of the affected people are between 20 – 39 years of age. The majority of cases (57%) are male.

Humanitarian Crisis
  o Central African Republic. Serious violence continues to cause internal displacement, looting, and reallocation of staff and people within the country. During this period of insecurity, cases of monkeypox and bloody diarrhea have been reported.

**WHO Disease Outbreak News** (www.who.int/csr/don/en/)
- 3/23: Netherlands – Seasonal reassortant A(H1N2) virus
  - 3/23: Nigeria – Lassa Fever

**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, Cambodia, India, Indonesia, Laos, Malaysia, Maldives, Pakistan, Philippines, Singapore, Thailand, Timor-Leste, 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>
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<tbody>
<tr>
<td>Travelers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>As of March 21, 2018</td>
<td>12</td>
<td>5,388</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne</td>
<td>0</td>
<td>229</td>
<td>0</td>
<td>37,048</td>
</tr>
<tr>
<td>infection</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>5,672</strong></td>
<td><strong>0</strong></td>
<td><strong>37,195</strong></td>
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How Flu Strains are Selected for the Seasonal Flu Vaccine Every Year
[https://shotofprevention.com/2018/03/14/how-flu-strains-are-selected-for-the-seasonal-flu-vaccine-each-year/](https://shotofprevention.com/2018/03/14/how-flu-strains-are-selected-for-the-seasonal-flu-vaccine-each-year/)

From the Immunization Action Coalition

**Issue 1356**: March 21, 2018

**Lawmakers Override Governor Vetoes on Health Care Bills**

**Mumps outbreak in Hawaii nears 1,000 cases**

**Many Doctors Don’t Push HPV Shots Equally. See Who’s Left Out.**

**Should Florida Law Require School Kids to Get the HPV Vaccine?**

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**In other news…**

Children with autism and their younger siblings less likely to be fully vaccinated

NIH scientists say advanced vaccines could limit future outbreaks.  

Norovirus Outbreak at Windjammer Restaurant in S. Burlington
http://outbreaknewstoday.com/vermont-norovirus-outbreak-windjammer-restaurant-s-burlington-30932/

United Kingdom reports highly resistant gonorrhea case acquired abroad
http://outbreaknewstoday.com/united-kingdom-reports-highly-resistant-gonorrhea-case-acquired-abroad-89290/

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