Week in Review
March 19, 2018

Education…
CDC Public Health Grand Rounds. Vaccinations save the lives of 2 to 3 million people every year, including children. Yet 1 child dies every 20 seconds from a disease that could have been prevented by a vaccine. Why? Because 1 in 5 children in the world do not have access to the life-saving immunizations that keep children healthy.

Tuesday, March 20 at 1:00pm ET.
Watch here: https://www.cdc.gov/grand-rounds/

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 10 (March 4 - 10, 2018), influenza activity decreased in the United States.

*High influenza-like illness (ILI) activity* was reported in 12 states.

*Moderate ILI activity* was reported in 13 states.

*Low ILI activity* was reported in New York City 14 states.

*Minimal ILI activity* was reported in 11 states (Delaware, Florida, Idaho, Maine, Montana, New Hampshire, North Dakota, Ohio, Tennessee, and Washington).

**Widespread** influenza activity was reported in Puerto Rico and 26 states (including Delaware). **Regional** activity was reported in Guam and 18 states. **Local** activity was reported by the District of Columbia and five states. **Sporadic** activity was reported by Vermont. **No** activity was reported by the US Virgin Islands.
In week 10, there were 290 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There were 0 flu-related deaths.

<table>
<thead>
<tr>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Week 10</strong></td>
<td><strong>Total</strong></td>
</tr>
<tr>
<td>Delaware</td>
<td>290</td>
</tr>
<tr>
<td>New Castle</td>
<td>116</td>
</tr>
<tr>
<td>Kent</td>
<td>51</td>
</tr>
<tr>
<td>Sussex</td>
<td>123</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
</tr>
</tbody>
</table>

March 2018, Volume 24, Issue 3 – Mycobacteria


Research: Major threat to Malaria Control Programs by *Plasmodium falciparum* lacking histidine-rich protein 2, Eritrea

WHO Afro Outbreaks & Emergencies
Week 10: March 3 – 9, 2018

- New Event
- Ongoing Events
  - Nigeria – Lassa Fever (1,121 cases, 110 deaths, CFR 9.8%). The outbreak is being closely monitored, and in week 9 there were 35 new confirmed cases and seven deaths. There are 18 active states, although most of the confirmed cases are from Edo, Ondo, and Ebonyi states. Sixteen health workers have been affected, with four deaths. People aged 21 – 40 years have been the main age group affected, and the male to female ratio is 2:1.
  - South Africa – Listeriosis (967 cases, 183 deaths, CFR 27.4%). The source of the outbreak has been identified as the Enterprise food production facility in Polokwane, Limpopo Province (specifically, the polony – a kind of sausage made of meat that has been only partly cooked).
  - South Sudan – Rift Valley Fever (40 cases, 4 deaths, CFR 10.0%). The outbreak continues to evolve, with another county affected. The majority of suspected cases have been women (57.1%) and people aged 20-39 years make up 72.2% of the cases. Goats, sheep, and cattle in the area have shown evidence of zoonotic hemorrhagic illness and abortions in livestock, disease in cattle, and wild bird die-offs have been reported.
  - Uganda – Cholera (1,484 cases, 35 deaths, CFR 2.4%). The outbreak of cholera in the refugee settlements continues to evolve. Three sub-counties of Hoima district have been affected, and the majority of the affected people are refugees from the DRC.
- Humanitarian Crisis
  - Democratic Republic of the Congo. The security situation remains fragile, and approximately 4.5 million people have been internally displaced (including 2.7 million children). Conflicts between communities have occurred, and more than 40,000 have sought refuge in Uganda since the beginning of 2018. Increased insecurity has led to a lack of access to basic health services and the suspension of humanitarian organizations (after the kidnapping of four members of the HYFRO group). Due to this crisis, cholera and measles cases have increased.

WHO Disease Outbreak News (www.who.int/csr/don/en/)
- 3/15: Oman, 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, 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>As of March 7, 2018</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>10</td>
<td>5,389</td>
<td>0</td>
<td>1</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>229</td>
<td>1</td>
<td></td>
<td>37,030</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10</strong></td>
<td><strong>5,673</strong></td>
<td><strong>1</strong></td>
<td><strong>1</strong></td>
<td><strong>37,177</strong></td>
</tr>
</tbody>
</table>

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 1354: March 14, 2018
http://www.immunize.org/express/issue1354.asp

Ask the Experts: March Edition
http://www.immunize.org/express/issue1355.asp


CVS to offer GSK’s new shingles vaccine at stores nationwide.

Early vaccination key to preventing HPV.

Measles patient treated, isolated after Memphis arrival (USA Today)

Clark County Health Department investigating hep A cases (IN)

New study raises concerns over vaccine cocktail (The Week)

H7N9 Influenza Vaccine Clinical Trials Commence

Britain is slowly acquiring a pro-vax movement

In other news…

‘ATM Pharmacy’ gives drugs to HIV/AIDS patients in South Africa

Fake Hepatitis B vaccines found in Ugandan health facilities
Health authorities issue warning on monkeypox outbreak

Sierra Leone: Ebola survivors ‘not getting help’ they need

Yemen’s diphtheria outbreak has quickly spread to infect over 1300

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