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, 9:00 am – 11:30 am
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 12 (March 18 - 24, 2018), influenza activity decreased in the United States.
High influenza-like illness (ILI) activity was reported in four states.

Moderate ILI activity was reported in eight states.

Low ILI activity was reported in New York City, Puerto Rico, the District of Colombia, and 14 states.

Minimal ILI activity was reported in 24 states (including Delaware).

Widespread influenza activity was reported in Puerto Rico and 16 states (including Delaware). Regional activity was reported in 22 states. Local activity was reported by the District of Colombia, Guam, and eight states. Sporadic activity was reported by four states. No activity was reported by the US Virgin Islands.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 12</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Specimen (%)</td>
<td>368 (39.4)</td>
<td>47,176 (55.9)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>131 (35.6)</td>
<td>35,415 (75.1)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>237 (64.4)</td>
<td>11,761 (24.9)</td>
</tr>
</tbody>
</table>

In week 12, there were 251 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There was 1 flu-related death.
### Cases and Hospitalizations

<table>
<thead>
<tr>
<th>Region</th>
<th>Week 12</th>
<th>Total</th>
<th>Week 12</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>251</td>
<td>7,902</td>
<td>35</td>
<td>1,112</td>
</tr>
<tr>
<td>New Castle</td>
<td>82</td>
<td>2,986</td>
<td>17</td>
<td>623</td>
</tr>
<tr>
<td>Kent</td>
<td>56</td>
<td>1,970</td>
<td>7</td>
<td>233</td>
</tr>
<tr>
<td>Sussex</td>
<td>113</td>
<td>2,946</td>
<td>11</td>
<td>256</td>
</tr>
<tr>
<td>Deaths</td>
<td>1</td>
<td>32</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Emerging Infectious Diseases

April 2018, Volume 24, Issue 4 – Antimicrobial Resistance

### WHO Afro Outbreaks & Emergencies

Week 12: March 17 - 23, 2018
http://apps.who.int/iris/bitstream/handle/10665/272254/OEW12-172332018.pdf
- New Event
- Ongoing Events
- **Nigeria – Lassa fever** (1,495 cases, 119 deaths, CR 8.0%). The outbreak has been steadily declining over the last month. A total of 56 LGAs in 19 states have recorded at least one confirmed case, but the majority of cases come from Edo, Ondo, and Ebonyi states. Ten states remain in active epidemic stage.

- **South Africa – Listeriosis** (978 cases, 183 deaths, CFR 18.7%). The incidence continues to decline, with no additional reported deaths since March 11. All nine provinces in the country have been affected. Females account for 56% of the cases wherein gender is known.

- **Uganda – Cholera** (1,826 cases, 36 deaths, CFR 2.0%). The outbreak continues to affect refugee settlements in the Hoima District of western Uganda. The reduction of incidence has slowed down.

- **Zambia – Cholera** (5,002 cases, 98 deaths, CFR 2.0%). An upsurge of cases occurred this week, affecting the urban Lusaka District the most. A total of 291 suspected cases were reported.

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### Humanitarian Crisis

- **Democratic Republic of the Congo.** Armed conflicts and inter-community tensions have created a complex and longstanding humanitarian crisis. Over 4.5 million people are internally displaced and more than 2 million children are suffering from severe acute malnutrition.

- **South Sudan.** The crisis continues as the security situation remains volatile across the country, with reports of inter-communal clashes, rape, and cattle raids. This is exacerbated by the severe economic crisis facing the country, with high inflation. Measles and bloody diarrhea have been commonly reported, along with acute respiratory infections, malaria, acute watery diarrhea, and injuries.

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- 3/28: South Africa – Listeriosis
- 3/29: Somalia – 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, 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>As of March 21, 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>12</td>
<td>5,388</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>229</td>
<td>0</td>
<td>37,048</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>
</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 1357**: March 28, 2018

**Ask the Experts**: March Edition

Battle reignites over vaccinating RI school children

HPV is putting men at risk of cancer, so why aren’t they getting the vaccine?

More measles: New case at area’s largest hospital may have exposed patients (KS)

Editorial: Here’s one step Kansas could take to limit the spread of measles

Flu-related hospitalizations break records this year in Colorado

As more health care employers adopt mandatory vaccine policies, DOJ and HHS push back

Opinion: Evidence favoring vaccination is overwhelming (IL)

Opinion: Don’t mandate, but nudge parents hard to vaccinate their kids (IL)

In other news…

Eleven confirmed cases in Delaware mumps outbreak
[https://whyy.org/articles/nine-confirmed-cases-in-delaware-mumps-outbreak/](https://whyy.org/articles/nine-confirmed-cases-in-delaware-mumps-outbreak/)

Idaho leading the way in advancing technician roles in immunizations

Operation Immunization Offers Opportunities for Students

Paring mobile reminders with incentives improves rural immunization rates

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