Quarterly Meeting!

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

During week 4 (January 21-27, 2018), influenza activity increased in the United States.

High influenza-like illness (ILI) activity was reported in New York City, the District of Colombia, and 42 states.

Moderate ILI activity was reported in the Puerto Rico and 2 states (California and Idaho).

Low ILI activity was reported in three states (Delaware, North Dakota, and Washington).

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

Widespread influenza activity was reported in Puerto Rico and 48 states. Regional activity has been reported in Guam and Oregon, local activity in the District of Colombia and Hawaii, and sporadic activity in the US Virgin Islands.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 4</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Tested</td>
<td>2,660</td>
<td>44,852</td>
</tr>
<tr>
<td>Positive Specimen (%)</td>
<td>1,597 (60.0)</td>
<td>23,753 (53.0)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>1,280 (80.2)</td>
<td>20,312 (85.5)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>317 (19.8)</td>
<td>3,441 (14.5)</td>
</tr>
</tbody>
</table>
In week 4, there were 650 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There were 0 flu-related deaths.

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week 4</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>650</td>
<td>1,949</td>
</tr>
<tr>
<td>New Castle</td>
<td>234</td>
<td>816</td>
</tr>
<tr>
<td>Kent</td>
<td>190</td>
<td>469</td>
</tr>
<tr>
<td>Sussex</td>
<td>226</td>
<td>664</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>3</td>
</tr>
</tbody>
</table>

**Week 5: January 27 – February 2, 2018**

1 New Event | 54 Ongoing Events | 44 Outbreaks | 11 Humanitarian Crises

- New Events:
- Ongoing Events:
  - **Benin – Lassa fever** (21 cases, 8 deaths, CFR 38.1%). The index case was a 35 year-old male residing in Nigeria but originally from a town in Togo. Of the 21 cases, 5 are confirmed and 2 are probable.
  - **Nigeria – Lassa fever** (1,319 cases, 149 deaths, CFR 11.3%). Fifteen new confirmed cases and 2 deaths were reported this week, and 10 health care workers have been affected.
  - **South Sudan – Rift Valley Fever** (26 cases, 3 deaths, CFR 11.5%). Since the last report, 6 new suspected cases have been reported (2 males, 4 females, between 7-60 years of age).
  - **Uganda – Crimean-Congo Hemorrhagic Fever** (2 cases, 0 deaths). The index case was a 9 year-old boy experiencing symptoms of vomiting, diarrhea, abdominal pain, fatigue, and high grade fever. The second case
was a 12 year-old boy. As of Jan 31, six cases have been reported – 2 confirmed, 1 probable, and 3 suspected. The probable/suspected cases have tested negative for CCHF, Ebola, Marburg, Sosuga, and Rift Valley fever, and are now considered non-cases.

- **Humanitarian Crisis:**
  - **Ethiopia:** About 6.3 million people are in need of health assistance, over 1.7 million are internally displaced, and over 900,000 are refugees. The number of cases of severe acute malnutrition (SAM) are increasing weekly, and a number of them have been treated in therapeutic feeding programs (TFPs). Acute watery diarrhea (AWD) continues to be a major health problem, as does scabies. Other diseases reported include dengue fever, measles, rabies, meningococcal meningitis, typhoid fever, and relapsing fever were reported.

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 1/26 – Saudi Arabia – 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 (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, 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**
*The CDC is now updating this information on a bi-weekly basis.*

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>0</td>
<td>409</td>
<td>5,366</td>
<td>0</td>
<td>1</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>4</td>
<td>228</td>
<td>0</td>
<td>636</td>
<td>37,011</td>
</tr>
</tbody>
</table>
The State of the ImmUnion: A Report on Vaccine-Preventable Diseases in the US
https://shotofprevention.com/2018/02/01/what-is-the-state-of-the-immunion/

From the Immunization Action Coalition

Issue 1347: January 31, 2018

Second Annual State of the ImmUnion Report Released

Anti-Vaxxers Are Often Conspiracy Theorists, Too

Senate Bill Aims To Fight Against Flu in Daycare Centers (AL)

New Bill in Florida Senate Could Make HPV Vaccinations Mandatory for Students (FL)

Salt Lake Co. Board Expands Hepatitis A Vaccine Requirements (UT)

Concerns Over One Dengue Vaccine Raise Alarms Over Others in Development

Flu Vaccine Shortage Sparks Worries Amid Surge In Cases

Families Raise Concern About Tamiflu Side Effects

Human Testing To Start Soon On Cancer Vaccine That Killed Tumors In Mice (NY)

In other news...

Got Your Flu Shot Yet? Consider This A Reminder.
http://delawarepublic.org/post/got-your-flu-shot-yet-consider-reminder

Student Pharmacists and Pediatric Immunization: Just-In-Time-Training
https://shotofprevention.com/2018/02/01/what-is-the-state-of-the-immunion/

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