**Flu News**

Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2019–20 Influenza Season - [https://www.cdc.gov/mmwr/volumes/68/rr/rr6803a1.htm](https://www.cdc.gov/mmwr/volumes/68/rr/rr6803a1.htm)

Upcoming Flu Clinics:

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Clinic</th>
<th>Phone Number</th>
<th>Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Friday</td>
<td>Hudson State SC 501 Ogletown Road Newark</td>
<td>302-283-7587</td>
<td>6 months and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td></td>
<td>Option 2</td>
<td></td>
</tr>
<tr>
<td>Monday – Friday</td>
<td>Porter State SC 511 W. 8th Street Wilmington</td>
<td>No appointment</td>
<td>9 years and older</td>
</tr>
<tr>
<td>8:00 – 12:00 pm</td>
<td></td>
<td>needed</td>
<td></td>
</tr>
<tr>
<td>1:00 – 4:00 pm</td>
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<tr>
<td>Monday – Friday</td>
<td>Williams State SC 805 River Road Dover</td>
<td>302-857-5140</td>
<td>6 months and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>8:00 am – 4:30 pm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fridays</td>
<td>Milford State SC 253 NE Front Street Milford</td>
<td>302-424-7130</td>
<td>9 years and older</td>
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<td>By Appointment Only</td>
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<td></td>
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<tr>
<td>Mondays</td>
<td>Adams State SC 544 S. Bedford Street</td>
<td>302-515-3220</td>
<td>6 months and older</td>
</tr>
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<td>By Appointment Only</td>
<td>Georgetown</td>
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</tr>
<tr>
<td>Monday – Thursday</td>
<td>Shipley State SC 350 Virginia Avenue</td>
<td>No appointment</td>
<td>6 months and older</td>
</tr>
<tr>
<td>9:00 – 11:30 am</td>
<td>Seaford</td>
<td>needed</td>
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<tr>
<td>1:00 – 3:30 pm</td>
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</table>

**Continuing Education!**


An Old Friend is Back: the “What” and “Why” of Pertussis Reemergency

While the introduction of pertussis-containing vaccines has resulted in a significant reduction in pertussis disease, incidence has increased in recent years and disease burden has shifted to different age groups. This presentation will review the changing epidemiology of pertussis and factors contributing to current trends, including the transition from whole-cell to acellular pertussis vaccines and the impact of vaccine hesitancy.

Wednesday, January 22, 2020 from 3:30 – 4:30 pm
Week 2 (Week ending January 11, 2020).

Key indicators that track flu activity decreased slightly but remain high. Indicators that track severity (hospitalizations and deaths) are not high at this point in the flu season.

- Clinical lab: 22.9% of specimens positive for influenza virus
- Public health lab: approximately equal numbers of B/Victoria and A(H1N1)pdm09 have been reported.
- ILI Activity
  - High: Puerto Rico, New York City, and 32 states.
  - Moderate: the District of Colombia, and 4 states.
  - Low: 9 states.
  - Minimal: 5 states (including Delaware)
  - Insufficient Data: US Virgin Islands

- Geographic Spread
  - Widespread: Puerto Rico and 48 states (including Delaware)
  - Regional: 1 state
  - Local: the District of Colombia and one state
  - Sporadic: the US Virgin Islands
  - No Report: Guam
The CDC estimates that, from October 1, 2019 through January 11, 2020, there have been:

- Flu illnesses: 13 million – 18 million
- Medical visits: 5.9 million – 8.5 million
- Flu hospitalizations: 120,000 – 210,000
- Flu deaths: 6,600 – 17,000

**Delaware Surveillance**

- Activity level: WIDESPREAD.
- Predominant Strain(s): A/No subtype and B/No lineage.

<table>
<thead>
<tr>
<th>Cases</th>
<th>Week 2</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>366</td>
<td>1920</td>
</tr>
<tr>
<td>Kent</td>
<td>78</td>
<td>512</td>
</tr>
<tr>
<td>New Castle</td>
<td>191</td>
<td>897</td>
</tr>
<tr>
<td>Sussex</td>
<td>97</td>
<td>511</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>28</td>
<td>114</td>
</tr>
<tr>
<td>Deaths</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>
**WHO Afro Outbreaks & Emergencies**

Week 1: December 30, 2019 – January 5, 2020

https://apps.who.int/iris/bitstream/handle/10665/330353/OEW01-05012020.pdf

- **New Events**
  - **Benin – Meningitis** (77 cases, 13 deaths, CFR 17%). The outbreak began in mid-December 2019 with a cluster of four case-patients. The next week, an additional 13 cases were reported from the same area. The outbreak peaked last week (28 new cases). The predominant pathogen is *N. meningitides* serogroup C. There has also been one case each of *S. pneumoniae* and *H. influenzae*. The age group of 5-14 is the most affected (n=55, 71.4%) thus far.

- **Ongoing Events**
  - **DRC – Ebola Virus Disease** (3,395 cases; 2,235 deaths; CFR 66%).
    - 7 new confirmed cases have been reported this week
    - 2 death this week
    - 169 health workers have been affected (5%)
    - 29 health zones affected with at least one case
- 7 health zones with confirmed cases in the last 21 days
- 11 health zones: ongoing contact tracing
  - **DRC – Measles** (311,471 cases; 6,045 deaths; CFR 1.9%). The overall disease incidence trend has started to decline, but the outbreak continues to expand (nine additional public health zones have seen cases in the past four weeks). To date, vaccine response has been organized in 179/253 (71%) health zones and a total of 5,789,008 children have been vaccinated.

- **Humanitarian Crisis**
  - **Central African Republic.** The crisis is driven by insecurity and recent floods. There are an estimated 2.5 million people affected (600,000+ IDPs and 601,994 refugees in neighboring countries). Clashes between rival groups have led to tense security situations, members of Medicins sans Frontieres members have been arrested, and flooding around the Oubangui River in October has finally receded, allowing people to return to their homes. Epidemic-prone diseases continue (**measles**, **hepatitis E**, **pertussis**, and **vaccine-derived polio** cVDPV2).

- 1/14: Thailand (ex-China) – Novel Coronavirus
- 1/16: DRC - EBV
- 1/17: Japan (ex-China) – Novel Coronavirus

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- *Listeria* – Hard-boiled Eggs (January 2020)
- *E. Coli* in Fresh Express Salad Kits (December 2019)
- *E. Coli* in Romain Lettuce (December 2019)

**Travel Notices**
- January
  - China – Novel Coronavirus
  - Asia & Pacific Islands – Dengue
  - Nigeria – Monkeypox
  - DRC – Monkeypox


<table>
<thead>
<tr>
<th></th>
<th>US 2019</th>
<th>US Territories 2019</th>
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<tbody>
<tr>
<td>Travelers</td>
<td>19</td>
<td>3</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>57</td>
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<tr>
<td>Other Route</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>60</strong></td>
</tr>
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States: CA, GA, ID, NE, NV, NJ, NY, OR, TX, UT, VA

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*From the Immunization Action Coalition*
In other news…


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