Week in Review
April 6, 2020

**Continuing Education!**
http://www.immunizedelaware.org/for-professionals/continuing-education-events/

**JAMA Covid-19 Learning Source**

Browse the JAMA Network COVID-19 collection, including Q&A's with NIAID's Anthony Fauci, an interactive map of the outbreak courtesy of The Johns Hopkins Center for Systems Science and Engineering, and past publications on vaccine development, infection control, and public health preparedness.

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**2019 Novel Coronavirus:**


**COVIDView:** A weekly surveillance summary of US COVID-19 activity:

**Confirmed Cases**

<table>
<thead>
<tr>
<th></th>
<th>Total Confirmed</th>
<th>1,286,409</th>
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<tbody>
<tr>
<td><strong>Within 50 United States</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>304,826</td>
<td>Spain</td>
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<tr>
<td>Travel-related</td>
<td>1,388</td>
<td>Italy</td>
</tr>
<tr>
<td>Person-to-Person</td>
<td>4,325</td>
<td>Germany</td>
</tr>
<tr>
<td></td>
<td></td>
<td>France</td>
</tr>
<tr>
<td><strong>Worldwide Cases</strong></td>
<td></td>
<td></td>
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<tr>
<td>Total</td>
<td>135,032</td>
<td></td>
</tr>
<tr>
<td>Travel-related</td>
<td>128,948</td>
<td></td>
</tr>
<tr>
<td>Person-to-Person</td>
<td>100,132</td>
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<td>93,780</td>
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**States Reporting Cases of COVID-19 to CDC**
News
- Delaware (https://de.gov/coronavirus)
  o Cases: 673 (NCC 436, KC 86, SC 151)
    ▪ Hospitalizations: 101, deaths: 14, recovered: 71
  o DHSS offices have suspended walk-in services as of April 6, 2020 - https://news.delaware.gov/2020/04/05/due-to-widespread-community-transmission-of-covid-19-dhss-ending-all-walk-in-access-to-public-offices/
- United States
- World

www.cdc.gov/flu/weekly

Week 13 (Week ending March 28, 2020).

Laboratory confirmed flu activity as reported by clinical laboratories continues to decrease sharply and is now low. Influenza-like illness activity, while lower than last week, is still elevated. Influenza severity indicators remain moderate to low overall, but hospitalization rates differ by age group, with high rates among children and young adults.

- Clinical lab: 2.1% of specimens positive for influenza virus
- Public health lab: A(H1N1)pdm09 viruses are now the most commonly reported.
- ILI Activity
- **Geographic Spread**
  - Widespread: Puerto Rico and 22 states
  - Regional: 18 states
  - Local: the District of Columbia and seven states
  - Sporadic: the US Virgin Islands and three states (including Delaware)
  - No Report: Guam

**Burden Estimates**
(https://www.cdc.gov/flu/about/burden/preliminary-in-season-estimates.htm)
The CDC estimates that, from October 1, 2019 through March 28, 2020, there have been:

- Flu illnesses: 39 million – 55 million
- Medical visits: 18 million – 26 million
- Flu hospitalizations: 400,000 – 730,000
- Flu deaths: 24,000 – 63,000

**Delaware Surveillance**

- Activity level: WIDESPREAD.
- Predominant Strain(s): A/2009 H1N1

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
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<tbody>
<tr>
<td></td>
<td>Week 13</td>
</tr>
<tr>
<td>Delaware</td>
<td>35</td>
</tr>
<tr>
<td>Kent</td>
<td>12</td>
</tr>
<tr>
<td>New Castle</td>
<td>9</td>
</tr>
<tr>
<td>Sussex</td>
<td>14</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>3</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
</tr>
</tbody>
</table>

Confirmed Cases of Influenza by Type and Subtype/Lineage, Delaware 2019-2020 Influenza Season
Expedited Articles Available on the Coronavirus Pandemic.

**WHO Afro Outbreaks & Emergencies**
Week 13: March 23 - 29, 2020

- [https://apps.who.int/iris/bitstream/handle/10665/331619/OEW13-2329032020.pdf](https://apps.who.int/iris/bitstream/handle/10665/331619/OEW13-2329032020.pdf)

- **New Events**
  - **Coronavirus Disease** (3,217 cases; 69 deaths; CFR 2.1%). A total of 39 countries have reported cases: South Africa (1280), Algeria (454), Burkina Faso (222), Cote d’Ivoire (165), Ghana (152), Senegal (142), Cameroon (113), Mauritius (102), Democratic Republic of the Congo (81), Rwanda (70), Nigeria (65), Madagascar (44), Kenya (38), Uganda (33), Togo (28), Ethiopia (21), Niger (20), Republic of Congo (19), Mali (18), Guinea (16), Zambia (16), Tanzania (14), Equatoral Guinea (13), Namibia (11), United Republic of Eswatini (9), Mozambique (8), Seychelles (8), Gabon (7), Benin (6), Central African Republic (6), Eritrea (6), Cape Verde (5), Chad (5), Mauritania (5), Zimbabwe (5), Gambia (3), Liberia (3), Angola (2) and Guinea-Bissau (2).

- **Ongoing Events**
  - **Cameroon – Cholera** (3,521 cases; 127 deaths; CFR 3.6%). The outbreak that began in May 2018 is showing signs of decline. Overall, those affected are between 15 and 59 years (approx.. 50%) and men and women have been affected roughly equally.
  - **DRC – Ebola Virus Disease** (3,453 cases; 2,273 deaths; CFR 66%).
    - 0 new confirmed cases have been reported this week
    - 0 deaths this week
    - 171 health workers have been affected (5%)
    - 29 health zones affected with at least one case
    - 0 health zones with confirmed cases in the last 21 days
    - 1 health zones: ongoing contact tracing
    - The last confirmed EVD case was discharged from the isolation facility on March 3

- **Humanitarian Crisis**

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- 4/02: DRC – Ebola Virus Disease

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- Coronavirus Disease (COVID-19) – January 2020
Listeria – Hard-boiled Eggs (January 2020)
- E. Coli – Clover Sprouts (February 2020)
- Listeria – Enoki Mushrooms (March 2020)

Travel Notices
- March – COVID-19
  - Warnings: Australia, Brazil, Canada, China, Europe, Iran, Israel, Japan, South Korea, UK and Ireland
  - Global COVID-19 Pandemic Notice
  - Covid-19 and cruise ship travel

From the Immunization Action Coalition

Issue 1488: April 1, 2020
http://www.immunize.org/express/issue1488.asp

Ask the Experts: March
https://www.immunize.org/express/issue1487.asp

In other news…

- Optimizing Human Papillomavirus Immunization: The Role of Centralized Reminder and Recall Systems - https://pediatrics.aappublications.org/content/early/2020/04/02/peds.2019-3596
If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamaed.org.