Updates

MMWR Weekly (Vol 3)
• Zika-Associated birth defects reported in pregnancies with laboratory evidence of confirmed or possible Zika virus infection
• Use of recombinant Zoster vaccine in immunocompromised adults aged >19 years: ACIP recommendations
• Use of Johnson & Johnson COVID-19 vaccine: updated ACIP recommendations

2021 Communicable Disease Summit
• Recordings and pdfs of all presentations are now available online
• https://immunizedelaware.org/2021-communicable-disease-summit/

2021-2022 Flu Season

Week 2 (January 9-15, 2022)

United States
Seasonal influenza activity in the United States declined slightly this week but remains elevated and is expected to continue for several weeks. The amount of activity varies by region.
Delaware (Widespread)
There have been 595 laboratory confirmed cases of influenza in Delaware so far this season.

<table>
<thead>
<tr>
<th>Location</th>
<th>This Week</th>
<th>2021-2022 Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide</td>
<td>15</td>
<td>595</td>
</tr>
<tr>
<td>New Castle</td>
<td>8</td>
<td>414</td>
</tr>
<tr>
<td>Kent</td>
<td>4</td>
<td>77</td>
</tr>
<tr>
<td>Sussex</td>
<td>3</td>
<td>104</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>4</td>
<td>31</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Preliminary Burden Estimates (October 1, 2021 – January 15, 2022)
- Flu illnesses: 1.8 million – 3.1 million
- Flu medical visits: 840,000 – 1.4 million
- Flu hospitalizations: 18,000 – 38,000
- Flu deaths: 1,100 – 3,200

Coronavirus Updates


Confirmed Cases -

<table>
<thead>
<tr>
<th>Delaware</th>
<th>United States</th>
<th>Worldwide Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>240,179</td>
<td>70,700,678</td>
</tr>
<tr>
<td>Deaths</td>
<td>2,480</td>
<td>866,540</td>
</tr>
</tbody>
</table>

Delaware ([https://myhealthycommunity.dhss.delaware.gov/locations/state](https://myhealthycommunity.dhss.delaware.gov/locations/state))
- NCC 136,824; KC 45,910; SC 56,571
- Hospitalizations: 560, critical: 56
- Percentage of tests positive: 25.7%
- Breakthrough cases: 16,469
- Delaware Specific COVID-Vaccine Information (de.gov/covidvaccine)
- Delaware Vaccine Release Tracker (MyHealthyCommunity)
  - As of January 23, Delaware has administered 1,628,384 doses of the COVID-19 vaccine
    - Fully Vaccinated: 581,447 (60.7%)
    - Partially Vaccinated: 95,351
  - COVID-19 vaccination clinics

Updates
- Denmark Study: Omicron has a 36% lower risk for hospitalization than Delta
- NIH: COVID-19 vaccination does not reduce chances of conception
- Omicron sub-lineage BA.2 designated as variant under investigation
- Statement on 10th Meeting of IHR Emergency Committee for COVID-19
- Updated WHO SAGE Roadmap for prioritizing uses of COVID-19 vaccines

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Vectorborne Infections
https://wwwnc.cdc.gov/eid

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**WHO Disease Outbreak News** (https://www.who.int/emergencies/disease-outbreak-news)
- January 14: United Kingdom – Influenza A (H5)
- January 17: Chad – Hepatitis E

**CDC Current Outbreak List** (https://www.cdc.gov/outbreaks/index.html)
- *Listeria* – Dole Packaged Salads
- *Listeria* – Fresh Express Packaged Salads
- *E. coli* – Power Greens Packaged Salads

**Travel Notices**
- COVID-19
  - Very High: Sint Maarten, Saint Lucia, Bermuda
  - High: Saint Pierre & Miquelon, Nigeria, Paraguay
  - Moderate:
  - Low:
  - Unknown: Brunei
In other news…

- Nigeria reports nearly 100 confirmed Lassa fever cases in the first two weeks of 2022
- Polio 2021: Are Pakistan and Afghanistan on the verge of eradication?
- Second avian influenza outbreak confirmed in Isle of Man
- Vaccine hesitancy dropped more quickly in Black individuals compared to White individuals

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