Week in Review
January 17, 2022

Updates

MMWR Weekly (Vol 72)
- Effectiveness of BNT162b2 mRNA vaccination against multisystem inflammatory syndrome in children among persons aged 12-18 years (July-December 2021)
- Risk for newly diagnosed diabetes > 30 days after SARS-CoV-2 infection among persons aged <18 years

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 1 (January 2-8, 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 550 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>28</td>
<td>579</td>
</tr>
<tr>
<td>New Castle</td>
<td>16</td>
<td>405</td>
</tr>
<tr>
<td>Kent</td>
<td>6</td>
<td>73</td>
</tr>
<tr>
<td>Sussex</td>
<td>6</td>
<td>101</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>2</td>
<td>27</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Preliminary Burden Estimates (October 1, 2021 – January 8, 2022)
- Flu illnesses: 1.6 million – 2.7 million
- Flu medical visits: 730,000 – 1.2 million
- Flu hospitalizations: 16,000 – 33,000
- Flu deaths: 970 – 2,900

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>227,594</td>
<td>Total 65,700,210</td>
</tr>
<tr>
<td>Deaths</td>
<td>2,424</td>
<td>Deaths 850,605</td>
</tr>
</tbody>
</table>

Delaware (https://myhealthycommunity.dhss.delaware.gov/locations/state)
- NCC 130,278; KC 42,958; SC 53,512
- Hospitalizations: 711, critical: 77
- Percentage of tests positive: 30.4%
- Breakthrough cases: 14,801
- Delaware Specific COVID-Vaccine Information (de.gov/covidvaccine)
- Delaware Vaccine Release Tracker (MyHealthyCommunity)
  - As of January 16, Delaware has administered 1,606,209 doses of the COVID-19 vaccine
    - Fully Vaccinated: 577,924 (60.4%)
    - Partially Vaccinated: 93,824
  - COVID-19 vaccination clinics

Updates
- WHO recommends two new drugs to treat COVID-19

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Antimicrobial Resistance
https://wwwnc.cdc.gov/eid

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

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: Curacao, Canada
  - High: Rwanda, Armenia, Bahrain, Belarus
  - Moderate: Togo
  - Low:
  - Unknown:

Issue 1611: January 12, 2022
In other news...

- Vaccines can cross-protect patients against multiple pathogens
- Uruguay reports confirmed Anthrax outbreak

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