INFLUENZA ACTIVITY UPDATE:
2022-2023 Influenza Season

December 15, 2022

Alicia Budd, MPH
Influenza Division, CDC

Virologic Surveillance – Percent Positive for Influenza
Virologic Surveillance – Virus Characteristics

Virus Characteristics

- 99.6% influenza A
  - 79% H3
  - 21% H1
- 0.4% influenza B
  - 100% Victoria lineage

Virologic Surveillance

Outpatient Respiratory Illness

<table>
<thead>
<tr>
<th>Virus</th>
<th>Genetic Characterization</th>
<th>Antigenic Characterization</th>
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<tbody>
<tr>
<td></td>
<td>Number Tested</td>
<td>Clade/Subclade</td>
</tr>
<tr>
<td>A/H1</td>
<td>171</td>
<td>3% - 6B.1A.5a.1</td>
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<tr>
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<td>97% - 6B.1A.5a.2</td>
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<tr>
<td>A/H3</td>
<td>704</td>
<td>99.9% - 3C.2a1b.2a.2</td>
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<td>0.1% - 3C.2a1b.2a.1</td>
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<tr>
<td>B/Victoria</td>
<td>12</td>
<td>100% - V1A.3</td>
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Long-term Care Facilities (LTCF) and Hospitals

Percent of LTCFs with ≥1 Influenza Positive Test Among Residents, National Summary
May 23, 2022 – December 4, 2022

New Influenza Hospital Admissions
Reported to HHS Protect, National Summary
May 22, 2022 – December 3, 2022

Week 48
Rate per 100,000
• Prior 10 years, overall: 0.2 – 2.7
• 2022, overall: 26.0

Mortality

Pneumonia, Influenza, and COVID-19 Mortality from the National Center for Health Statistics Mortality Surveillance System
Data as of December 9, 2022

Influenza-Associated Pediatric Deaths
by Week of Death, 2019-2020 season to 2022-2023 season

2019-2020
Number of Deaths = 789
2020-2021
Number of Deaths = 1
2021-2022
Number of Deaths = 44
2022-2023
Number of Deaths = 21
Summary

• Influenza activity is elevated across the country.
• High levels of activity began earlier than “usual” but it’s too early to know how severe the influenza season will be.
• In the U.S. so far this season influenza has caused:
  o At least 13 million symptomatic illnesses
  o At least 6.1 million medical visits
  o At least 120,000 hospitalizations
  o At least 7,300 deaths
• Other respiratory viruses are at elevated levels at the same time.
• It’s still a great time to get vaccinated!
Questions?
abudd@cdc.gov

For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.