INFLUENZA ACTIVITY UPDATE:
2022-2023 Influenza Season

January 26, 2023

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Virologic Surveillance – Percent Positive for Influenza

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories,
National Summary, October 2, 2022 – January 14, 2023
Virologic Surveillance – Virus Characteristics

Viruses Collected in the U.S. since October 2, 2022

<table>
<thead>
<tr>
<th>Virus</th>
<th>Genetic Characterization</th>
<th>Antigenic Characterization</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number Tested</td>
<td>Clade/Subclade</td>
</tr>
<tr>
<td>A/H1</td>
<td>470</td>
<td>0.2% - 6B.1A.5a.1</td>
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<tr>
<td></td>
<td></td>
<td>99.8% - 6B.1A.5a.2</td>
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<tr>
<td>A/H3</td>
<td>875</td>
<td>100% - 3C.2a1b.2a.2</td>
</tr>
<tr>
<td>B/Victoria</td>
<td>21</td>
<td>9.5% - V1A.3</td>
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<tr>
<td></td>
<td></td>
<td>90.5% - V1A.3a.2</td>
</tr>
</tbody>
</table>

Antiviral Susceptibility
Viruses Collected since 10/2/22

- Oseltamivir, Peramivir, Zanamivir – 1,370 tested, 0 resistant
- Baloxavir – 1,320 tested, 0 resistant

Outpatient Respiratory Illness

Percentage of Outpatient Visits for Respiratory Illness Reported By The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, October 2, 2022-January 15, 2023

- Age groups: 0-4 years, 5-9 years, 10-14 years, 15-24 years, 25-49 years, 50-64 years, 65-74 years, 75+ years
- Activity Level: High, Very High, Low, Insufficient Data

2022-23 Influenza Season Week 2 ending Jan 14, 2023
Long-term Care Facilities (LTCF) and Hospitals

Percent of LTCFs with ≥1 Influenza Positive Test Among Residents, National Summary
October 3, 2022 – January 15, 2023

New Influenza Hospital Admissions
Reported to HHS Protect, National Summary
October 2, 2022 – January 14, 2023

FluSurv-NET – Cumulative Rate of Influenza Hospitalizations,
All Ages, 2015-16 to 2023 week 2

FluSurv-NET – Weekly Rate of Influenza Hospitalizations,
All Ages, 2015-16 to 2023 week 2

Mortality

Pneumonia, Influenza, and COVID-19 Mortality from
the National Center for Health Statistics Mortality Surveillance System
Data as of January 19, 2023

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

Number of Deaths: 159
Number of Deaths: 1
Number of Deaths: 145
Number of Deaths: 81
Summary

- Influenza activity continues to decline in most areas of the country.
- H3N2 remains the predominant virus.
- Declining activity ≠ no activity
- Surveillance continues year-round
  - Is the virus changing?
  - Is activity increasing again?
Questions?
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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.