INFLUENZA ACTIVITY UPDATE:
2022-2023 Influenza Season

July 20, 2023

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Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, October 2, 2022 – July 8, 2023

Influenza Positive Tests Reported to CDC by U.S. Public Health Laboratories, National Summary, October 2, 2022 – July 8, 2023

Number of Influenza Positive Tests
- A (H1) - 0
- A (Unable to Subtype) - 0
- A (H3) - 17612
- A (H1N1)pdm09 - 6937
- A (Subtyping not Performed) - 4560
- B (Lineage Unspecified) - 242
- H3N2v - 1
- B (Victoria Lineage) - 943
Percentage of Outpatient Visits for Respiratory Illness Reported By The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2022-2023 and Selected Previous Seasons

This system monitors visits for ILI (fever and cough or sore throat), not laboratory confirmed influenza and may capture patient visits due to other respiratory pathogens that cause similar symptoms.
Number of Specimens Tested and Percent Positive by Week

National Level

https://www.cdc.gov/surveillance/resp-lens/dashboard.html
Emergency Departments – National Syndromic Surveillance Program

National Emergency Department Visits for COVID-19, Influenza, and Respiratory Syncytial Virus

https://www.cdc.gov/ncird/surveillance/respiratory-illnesses/index.html
New Influenza Hospital Admissions Reported to HHS Protect, October 2, 2022 – July 8, 2023

Unified hospital analytic dataset

Weekly Rates of Respiratory Virus-Associated Hospitalizations

Dashed lines for the current season indicate potential reporting delays, and interpretation of trends should exclude data from recent weeks. Combined hospitalization rate for influenza, COVID-19, and RSV reflects rates during the active surveillance period for each pathogen (see footnote).

https://www.cdc.gov/surveillance/resp-net/dashboard.html
Mortality

Pneumonia, Influenza, and COVID-19 Mortality from the National Center for Health Statistics Mortality Surveillance System
Data as of July 13, 2023

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

- 2019-2020: Number of Deaths = 199
- 2020-2021: Number of Deaths = 1
- 2021-2022: Number of Deaths = 47
- 2022-2023: Number of Deaths = 162

Week of Death

Deaths Reported Previous Weeks
Deaths Reported Current Week
Summary

• Influenza activity is low, typical at this time of year.
• According to preliminary estimates for 2022-2023 season, in the U.S. influenza caused:
  • At least 27 million symptomatic illnesses
  • At least 12 million medical visits
  • At least 300,000 hospitalizations
  • At least 19,000 deaths
• CDC is providing 3 new resources to display influenza, RSV, and COVID-19 data together.
Resources

• **U.S. Influenza Surveillance**
The Influenza Division at CDC collects, compiles, and analyzes information on influenza viruses and disease activity year-round in the United States.

• **Respiratory Virus Laboratory Emergency Department Network Surveillance (RESP-LENS)**
This interactive dashboard tracks emergency department visits for laboratory-confirmed severe acute respiratory coronavirus type 2 (SARS-CoV-2), influenza (flu), and respiratory syncytial virus (RSV).

• **Respiratory Virus Hospitalization Surveillance Network (RESP-NET)**
This site comprises three platforms that conduct population-based surveillance for laboratory-confirmed hospitalizations associated with COVID-19, Influenza, and Respiratory Syncytial Virus (RSV) among children and adults.

• **National Emergency Department Visits for COVID-19, Influenza, and Respiratory Syncytial Virus**
This site provides a combined view of emergency department visit data for multiple respiratory conditions as tracked by the National Syndromic Surveillance Program (NSSP).
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.