INFLUENZA ACTIVITY UPDATE

Activity through the week ending October 1, 2022 (week 39)

Alicia Budd
Influenza Division, CDC
October 13, 2022

Virologic Surveillance – clinical laboratories
Virologic Surveillance – public health laboratories

Influenza Positive Tests Reported to CDC by U.S. Public Health Laboratories, National Summary, October 3, 2021 – October 1, 2022

Season Totals
10/3/21 – 10/1/22

Past 3 weeks
9/11/22 – 10/1/22

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, 2021-2022* and Selected Previous Seasons

Being driven by:
- Increased circulation of:
  - Influenza
  - RSV
  - Rhinovirus/Enterovirus
- Continued circulation of Sars-CoV-2
Long-term Care Facilities and Hospitals

Percent of Long-term Care Facilities (LTCF) with at Least One Confirmed Influenza Positive Test among Residents, Reported to CDC National Healthcare Safety Network (NHHSN), National Summary, October 4, 2021 – October 2, 2022

New Influenza Hospital Admissions Reported to HHS Protect, National Summary, October 3, 2021 – October 1, 2022

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Mortality

Pneumonia, Influenza, and COVID-19 Mortality from the National Center for Health Statistics Mortality Surveillance System Data as of October 6, 2022

Influenza-Associated Pediatric Deaths by Week of Death, 2018-2019 season to 2021-2022 season
Novel Influenza A viruses

- 9 novel influenza A viruses in 2022
  - 8 variant viruses (5 H1N2v, 3 H3N2v)
  - 1 H5N1
- Fair season has ended/winding down – good for variant cases
- Birds are migrating south – not good for H5N1 in poultry, backyard flocks and wild birds
2022-23 Influenza Season

- Officially (from surveillance perspective) started Sunday, October 2
- First full FluView of the season will be published Friday (10/14/22)
  - Virus characterization data (summer through present)
  - More Interpretation
  - Later in the season: FluSurvNet hospitalization data
- Activity in the U.S. is still low overall but increasing in parts of the country
- Still H3 predominant but a bit of B and H1
- It’s a great time to get vaccinated!