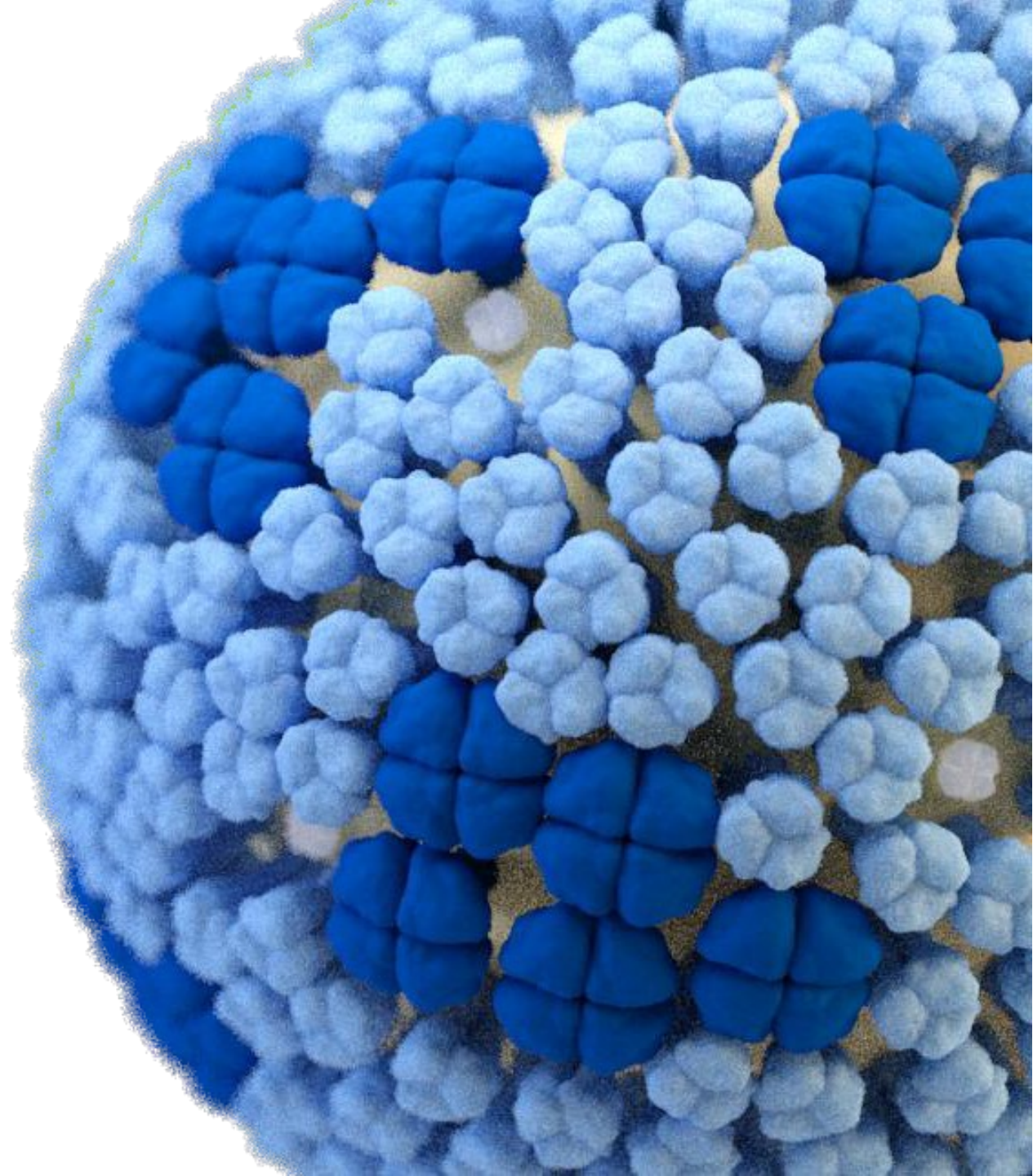


Influenza Update: 2023-2024 Season

March 7, 2024

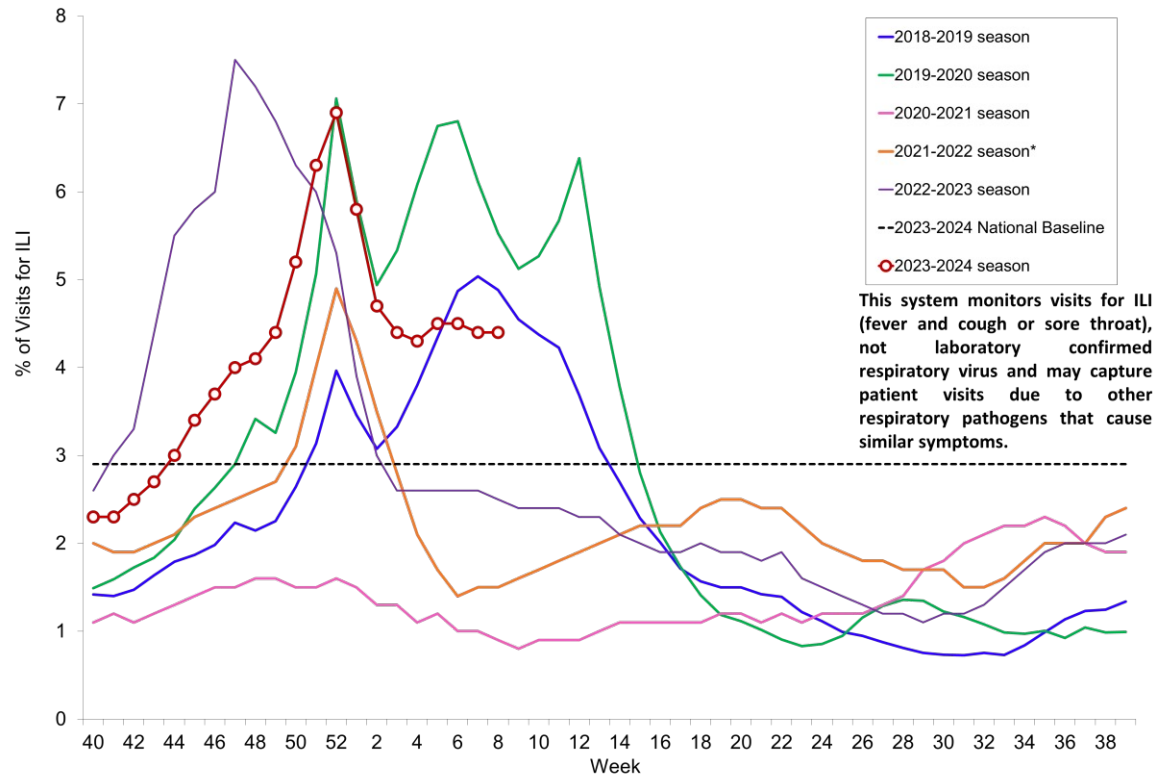
Katie Tastad, PhD, MPH
Influenza Division, CDC



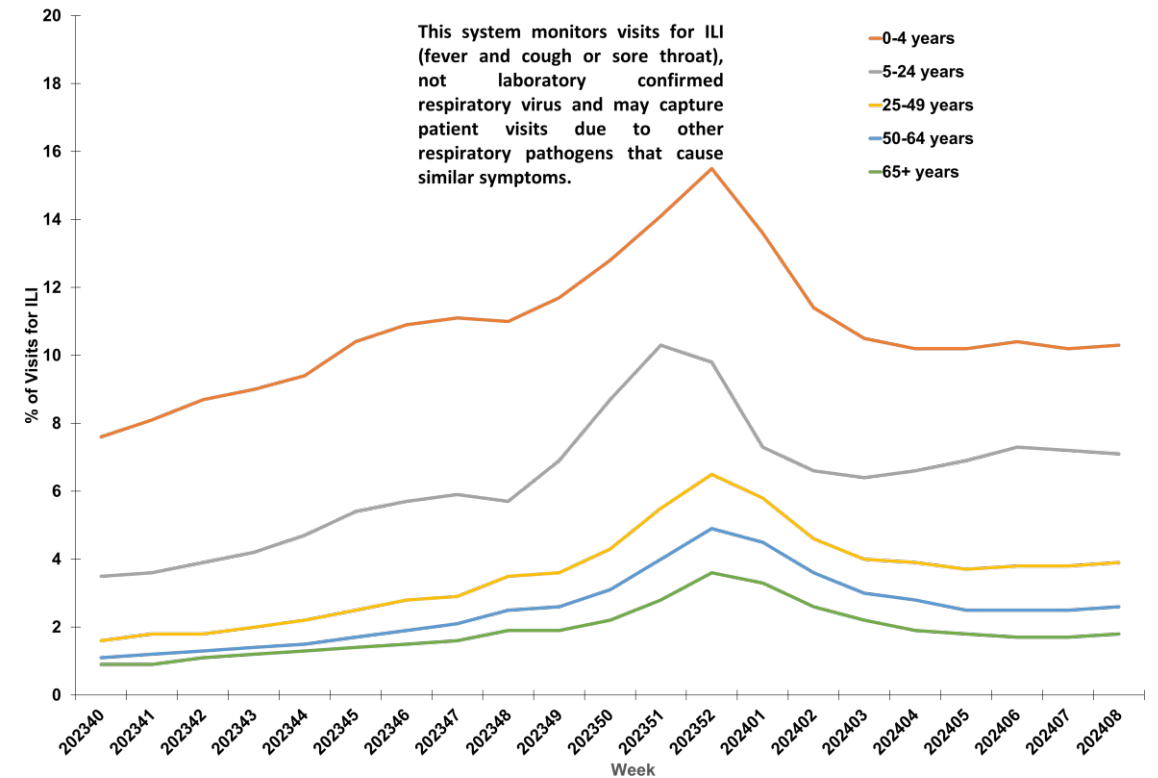
Outpatient Respiratory Illness

- During week 8, 4.4% of outpatient visits were for respiratory illness, stable from week 7.
- Regional variability
- Stable for all age groups from week 7.

Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-2024 and Selected Previous Seasons

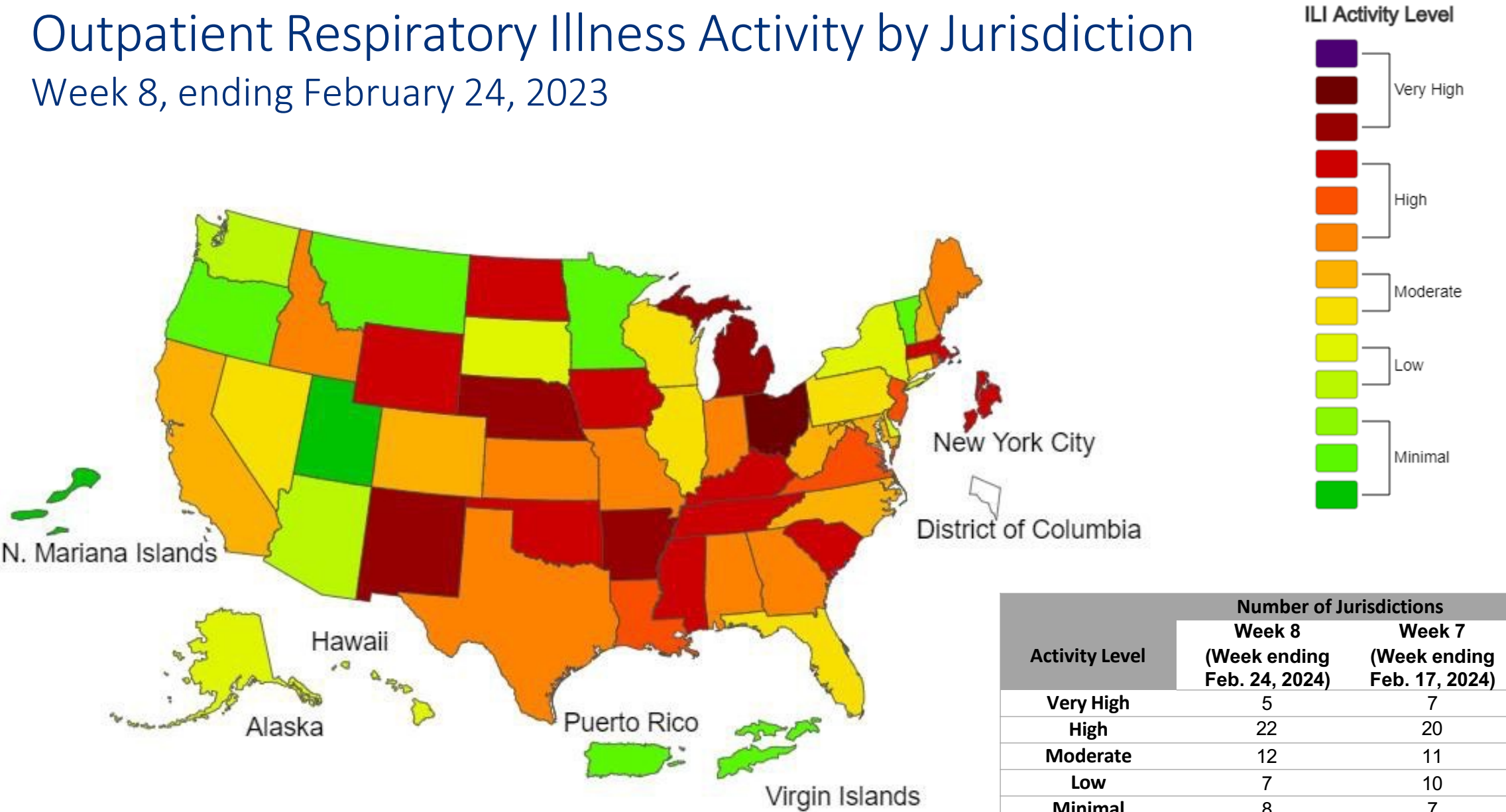


Percentage of Outpatient Visits for Respiratory Illness by Age Group Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season



Outpatient Respiratory Illness Activity by Jurisdiction

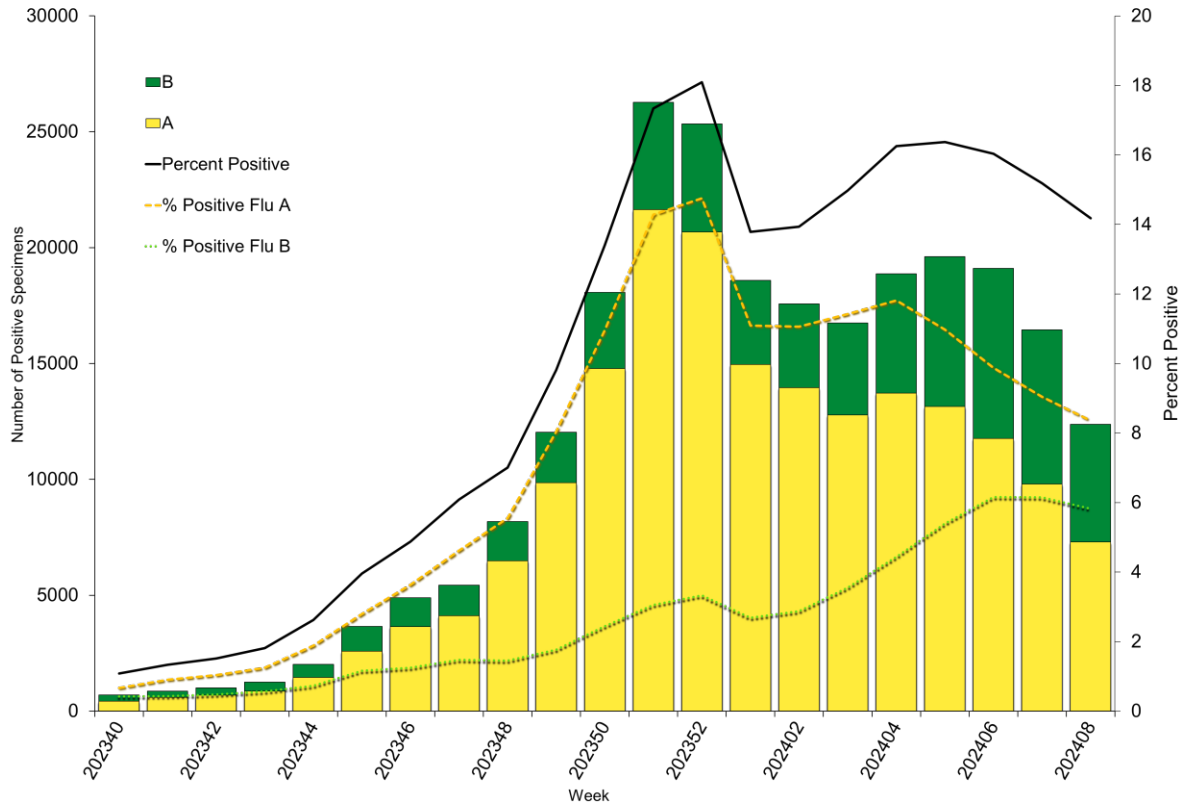
Week 8, ending February 24, 2023



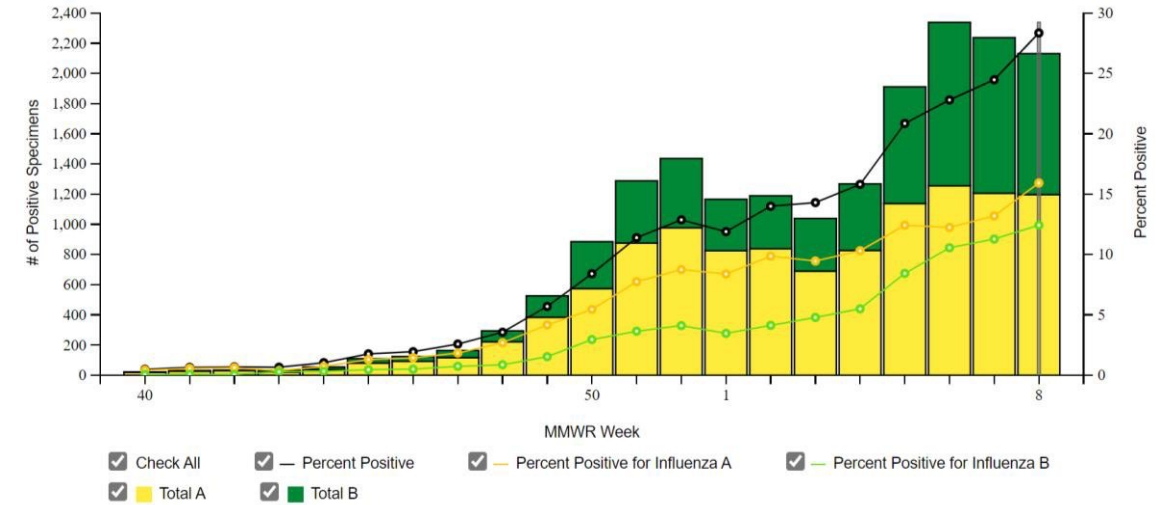
Activity Level	Number of Jurisdictions	
	Week 8 (Week ending Feb. 24, 2024)	Week 7 (Week ending Feb. 17, 2024)
Very High	5	7
High	22	20
Moderate	12	11
Low	7	10
Minimal	8	7
Insufficient Data	1	0

Virologic Surveillance

Influenza Positive Tests Reported to CDC by U.S. Clinical Laboratories, National Summary, 2023-2024 Season



HHS Region 7 (Central)



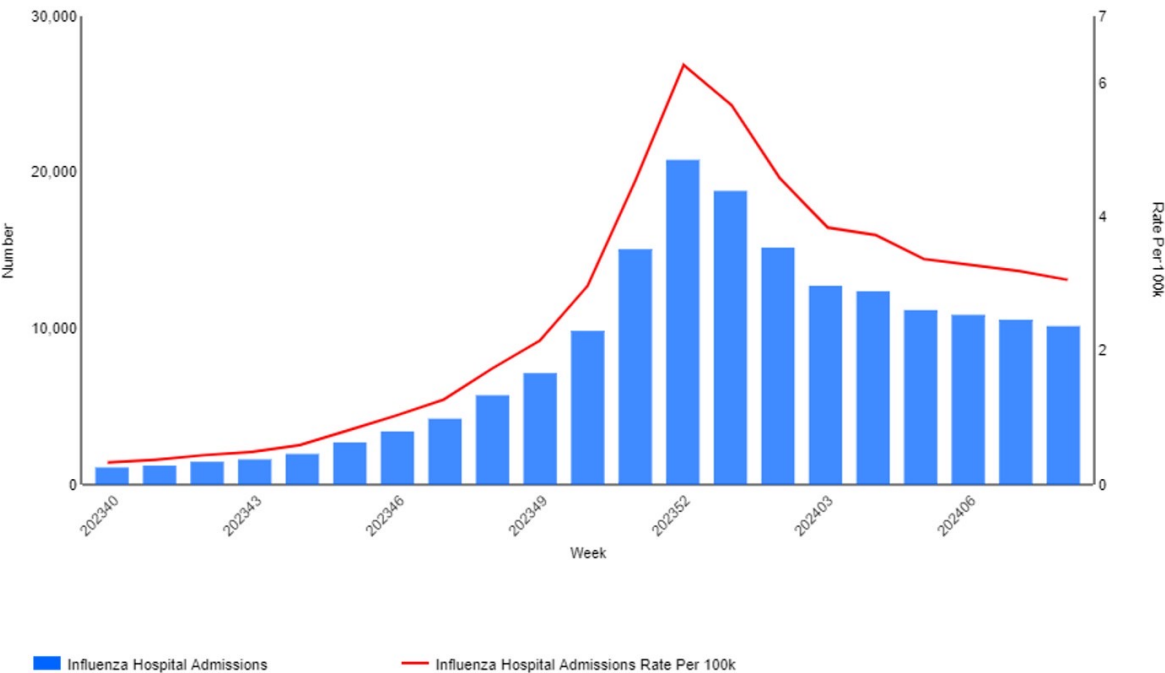
Specimens Collected in the US Since October 1, 2023

Virus	Genetic Characterization		Antigenic Characterization	
	Number Tested	Clade/Subclade	Number Tested	Similarity to cell-grown vaccine reference virus
A/H1	997	25.5% - 6B.1A.5a.2a	172	100% similar
		74.5% - 6B.1A.5a.2a.1		
A/H3	639	0.2% - 3C.2a1b.2a.2a.1b	161	99% similar
		0.2% - 3C.2a1b.2a.2a.3a		
		99.5% - 3C.2a1b.2a.2a.3a.1		
		0.2% - 3C.2a1b.2a.2b		
B/Victoria	590	100% - V1A.3a.2	100	100% similar

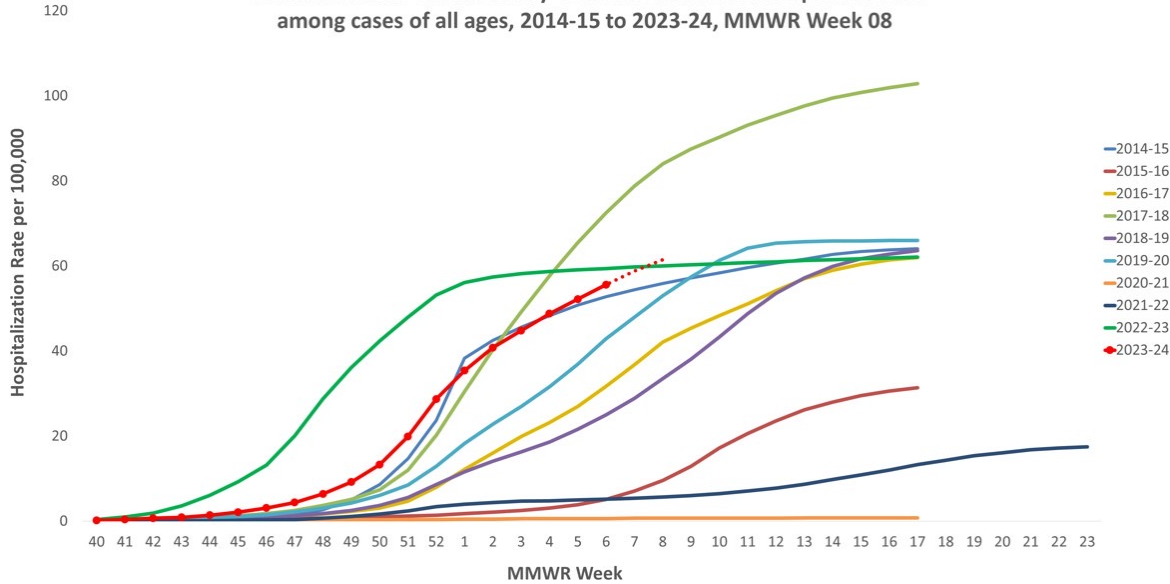
Yellow highlighting denotes the subclade of the vaccine reference viruses

Hospitalizations

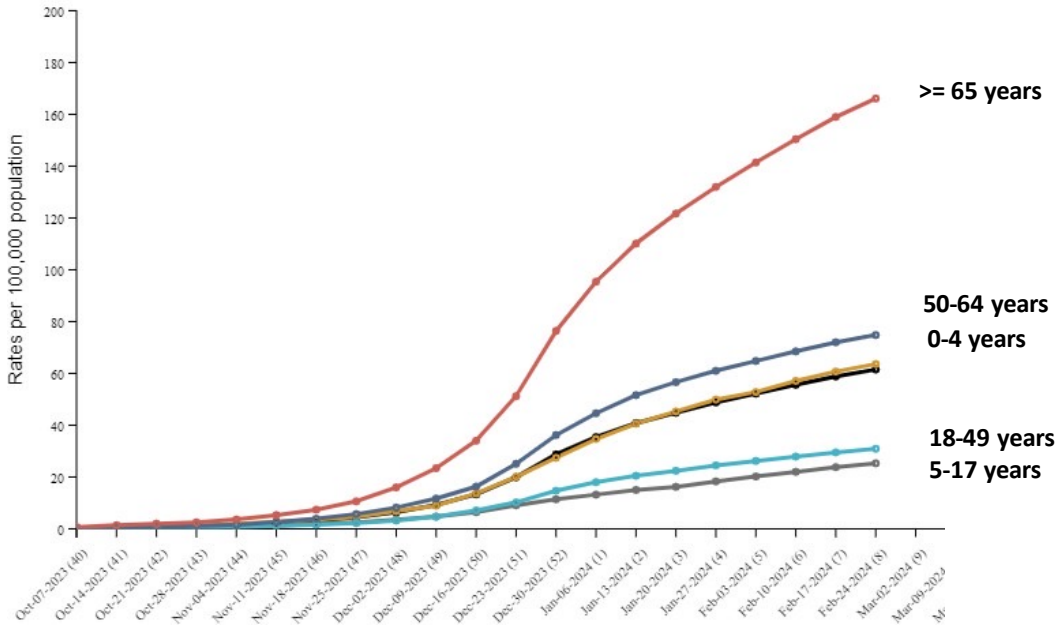
National Healthcare Safety Network (NHSN) Hospitalization Surveillance
Number of Hospital Admissions, ICU Hospitalizations and Rates by Week



Cumulative Rate of Laboratory-Confirmed Influenza Hospitalizations
among cases of all ages, 2014-15 to 2023-24, MMWR Week 08

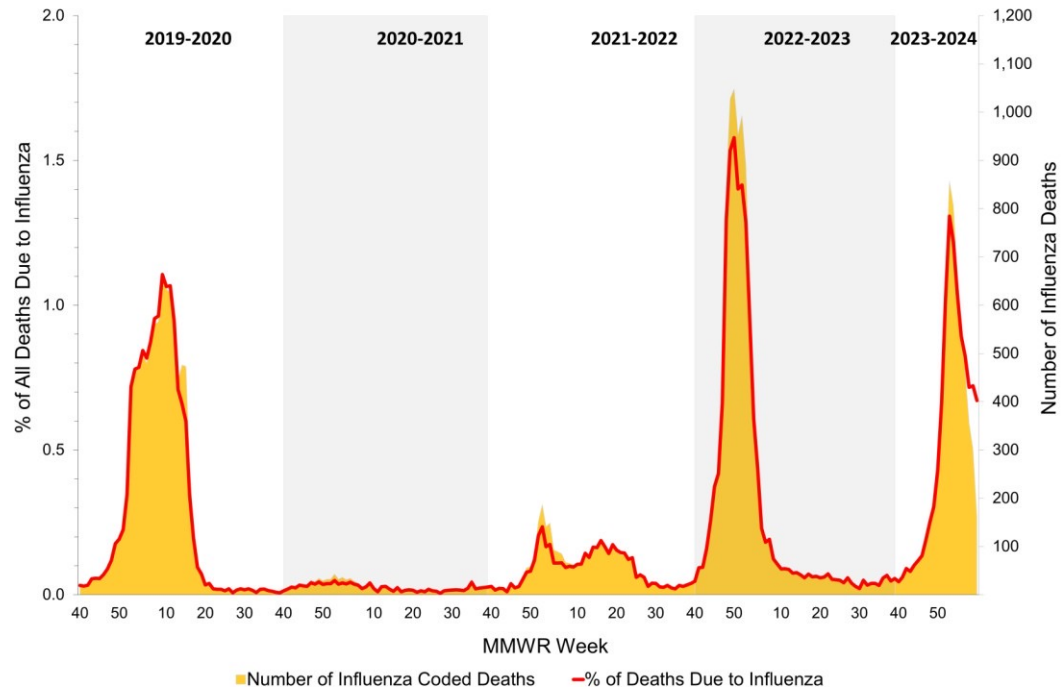


FluSurv-NET :: 2023-24 :: Cumulative Rate

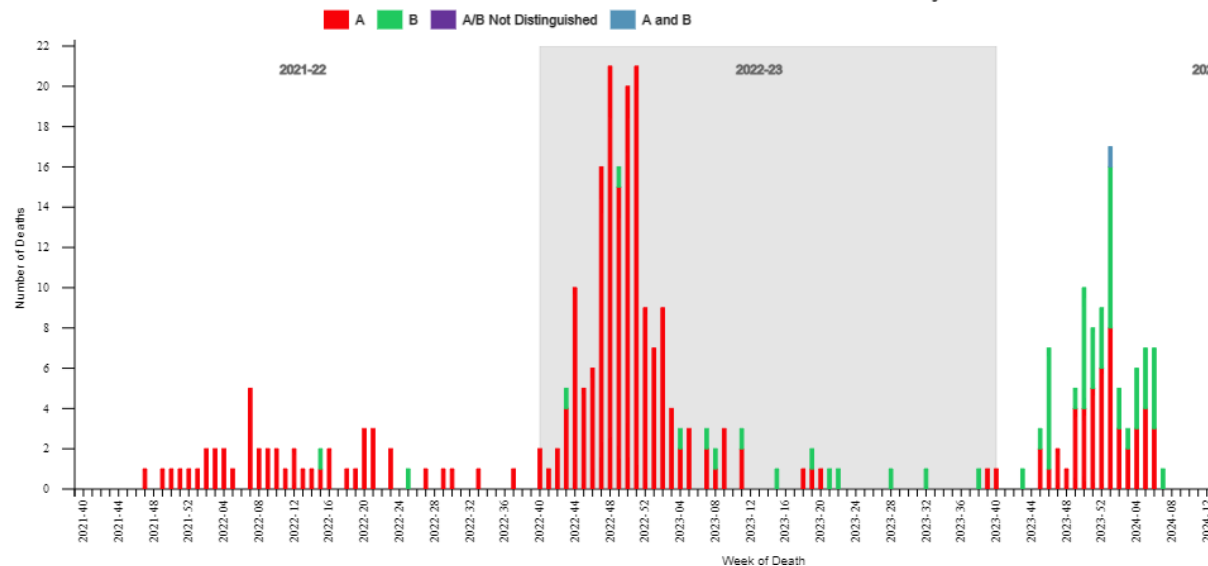


Mortality

Influenza Mortality from
the National Center for Health Statistics Mortality Surveillance System
Data as of February 29, 2024



Number of Influenza-Associated Pediatric Deaths by Week of Death



Summary

- Seasonal influenza activity remains elevated nationally with increases in some parts of the country.
- Outpatient respiratory illness has been above baseline nationally since November and is above baseline in all 10 HHS regions.
- Nationally, percent positivity for influenza decreased slightly overall with percent positivity for influenza A decreasing and percent positivity for influenza B remaining stable. Trends in percent positivity for influenza A and B vary by region.
- The number of weekly flu hospital admissions remained stable compared to last week.
- CDC estimates that there have been at least 26 million illnesses, 290,000 hospitalizations, and 18,000 deaths from flu so far this season.
- CDC recommends that everyone 6 months and older get an annual flu vaccine as long as influenza viruses are spreading. Vaccination can still provide benefit this season.

Questions?

Katie Tastad (qwu5@cdc.gov)

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

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.

