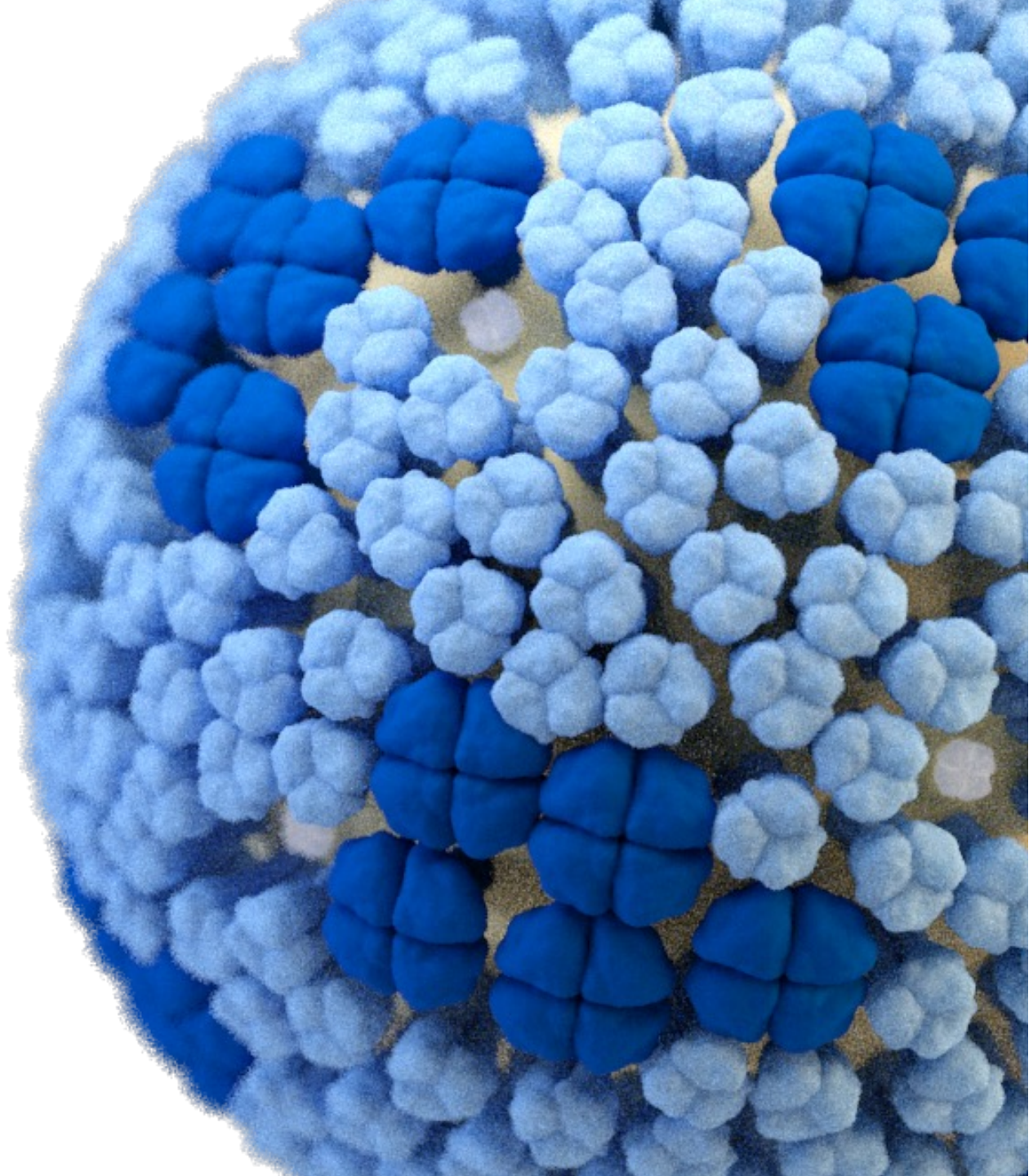


Influenza Update: 2023-2024 Season

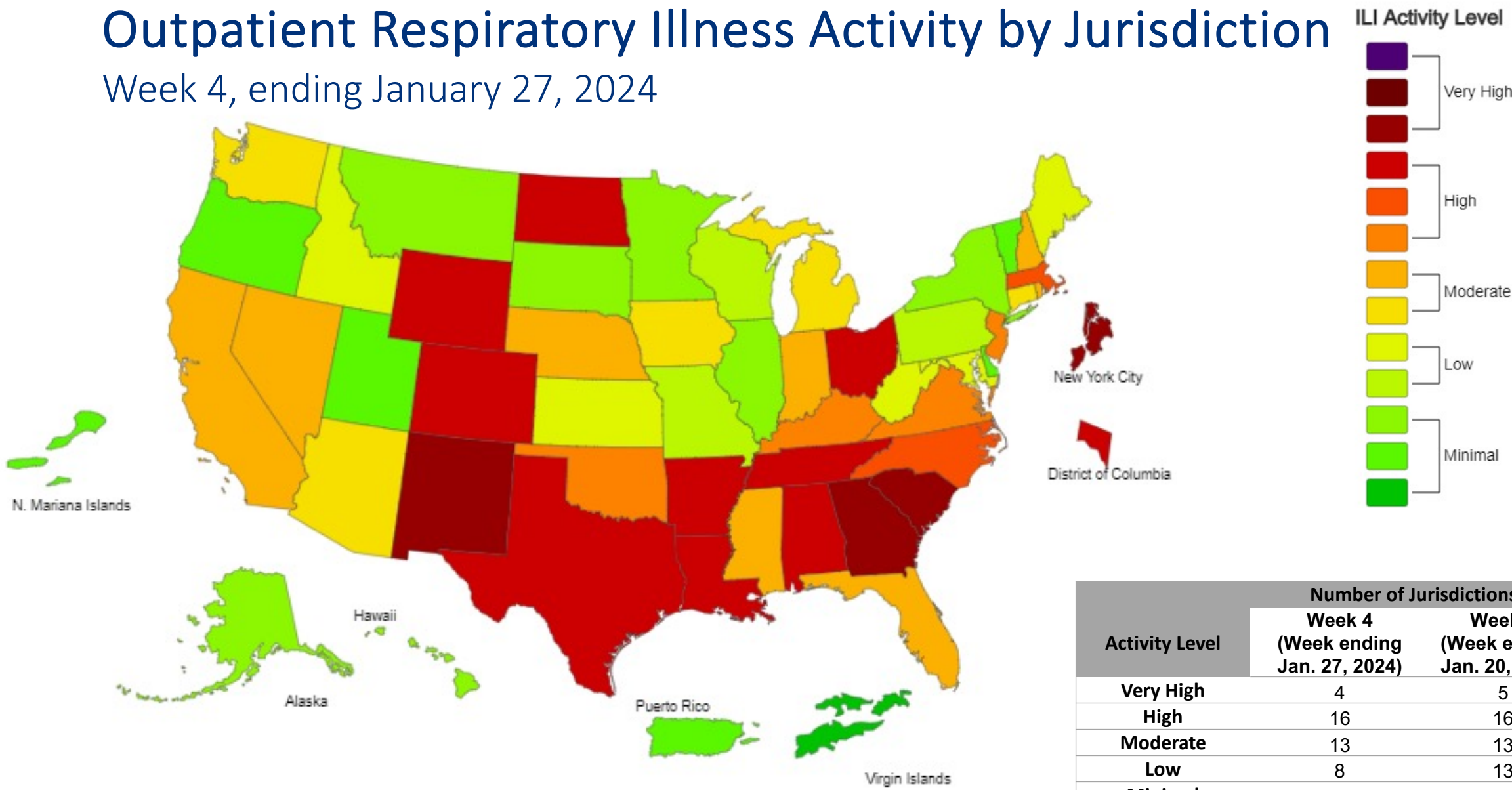
February 8, 2024

Katie Tastad, PhD, MPH
Influenza Division, CDC



Outpatient Respiratory Illness Activity by Jurisdiction

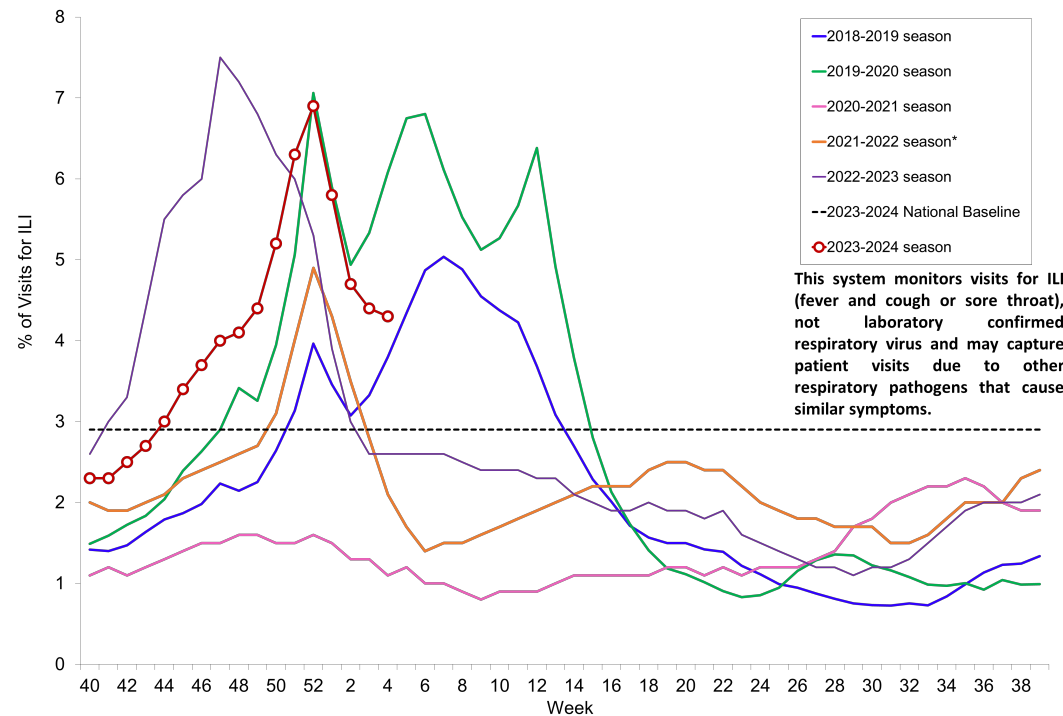
Week 4, ending January 27, 2024



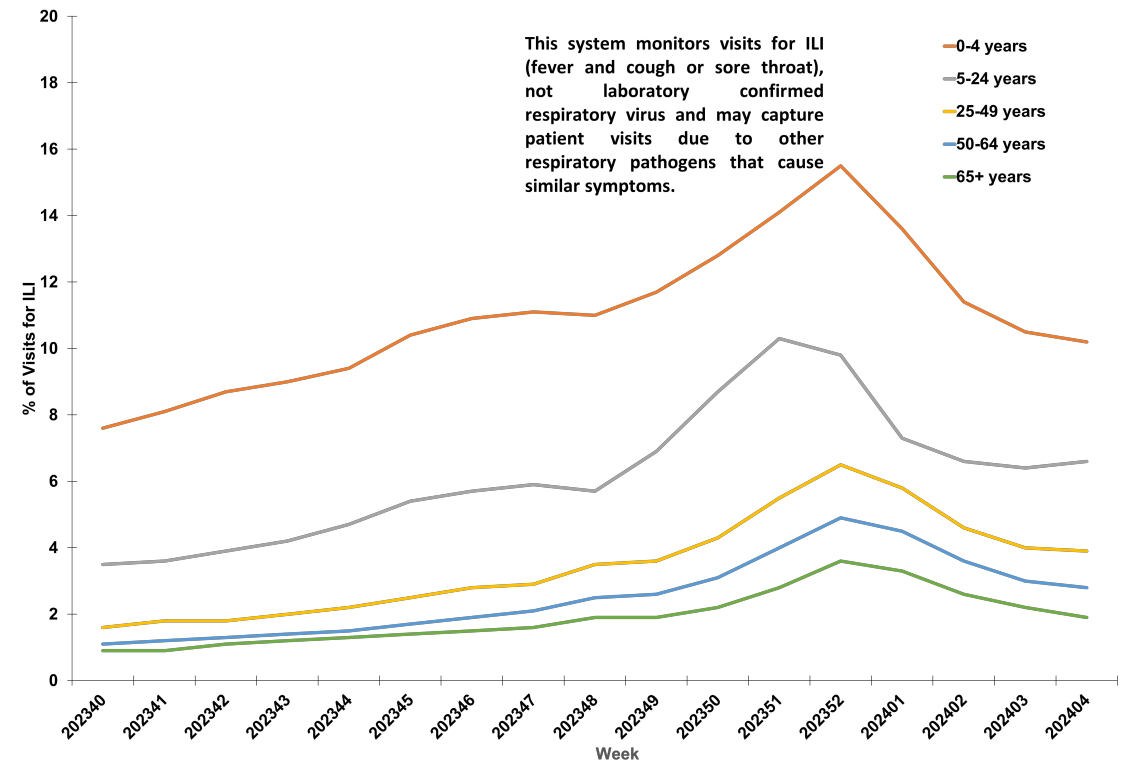
Activity Level	Number of Jurisdictions	
	Week 4 (Week ending Jan. 27, 2024)	Week 3 (Week ending Jan. 20, 2024)
Very High	4	5
High	16	16
Moderate	13	13
Low	8	13
Minimal	14	8
Insufficient Data	0	0

Outpatient Respiratory Illness

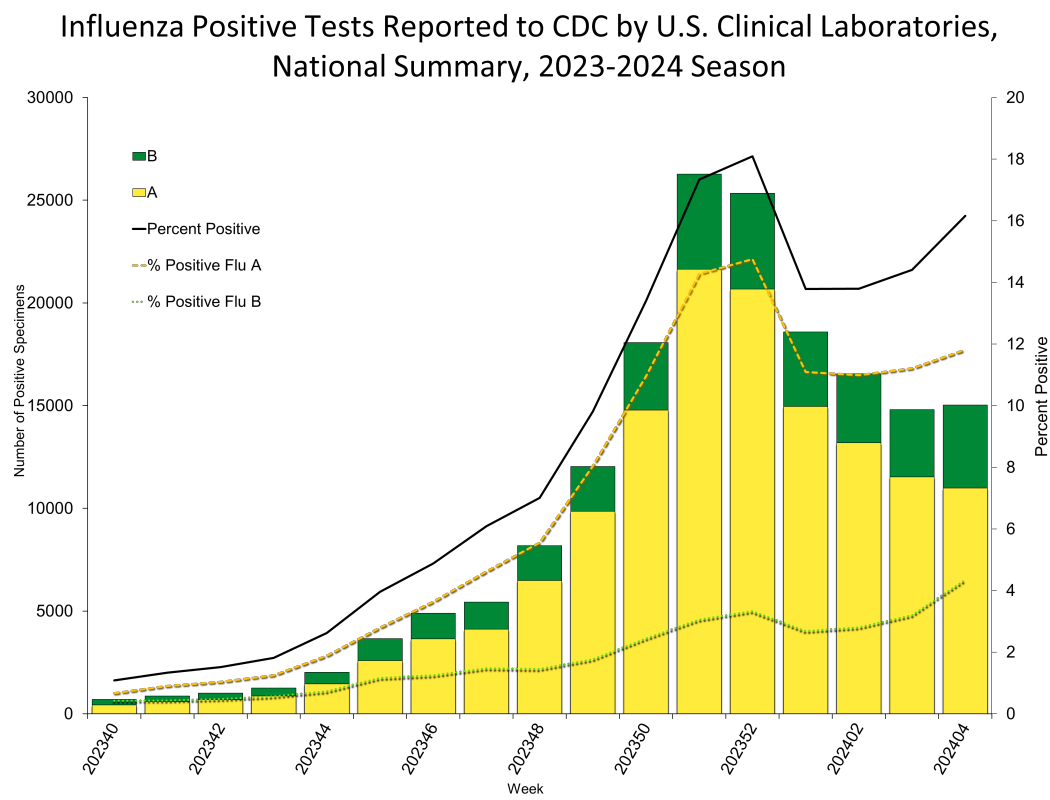
Percentage of Outpatient Visits for Respiratory Illness Reported by The U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-2024 and Selected Previous Seasons



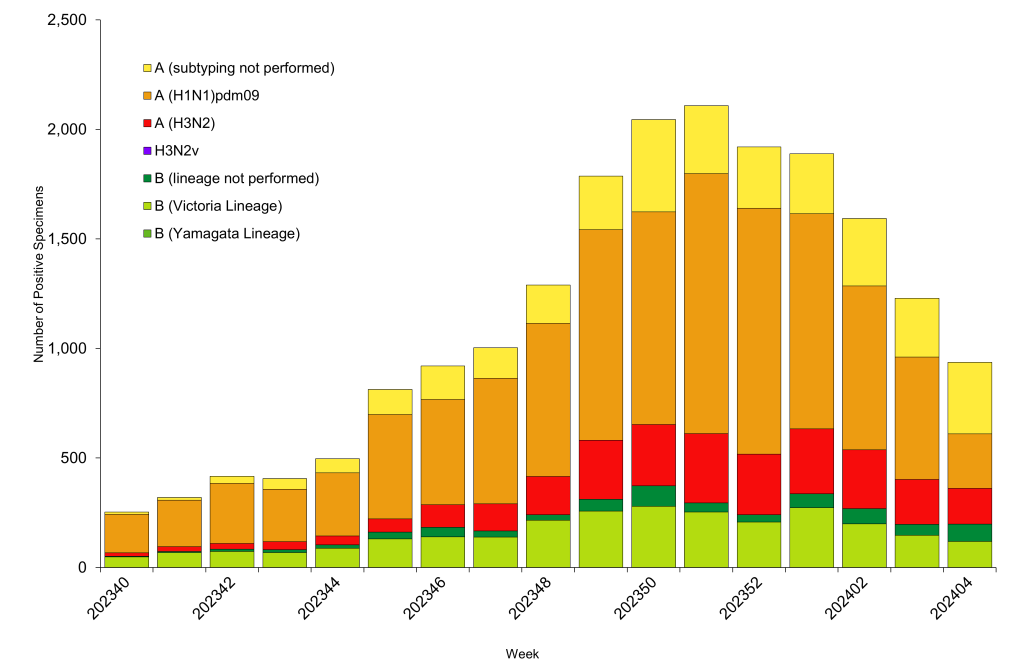
Percentage of Outpatient Visits for Respiratory Illness by Age Group Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season



Virologic Surveillance



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



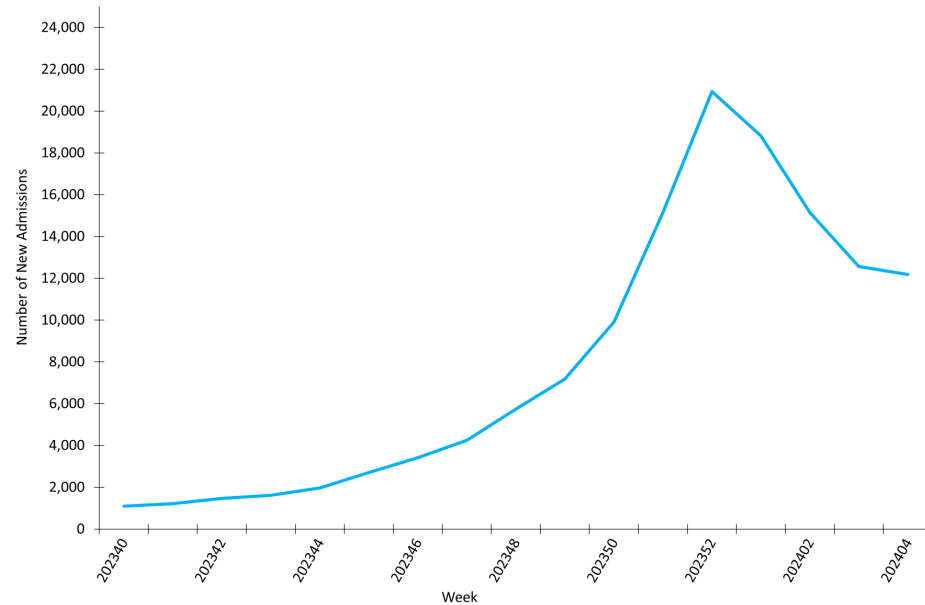
Specimens Collected in the US Since October 1, 2023

Virus	Genetic Characterization		Antigenic Characterization	
	Number Tested	Clade/Subclade	Number Tested	Similarity to cell-grown vaccine reference virus
A/H1	540	29.3% - 6B.1A.5a.2a	107	100% similar
		70.7% - 6B.1A.5a.2a.1		
A/H3	279	0.4% - 3C.2a1b.2a.2a.1b	91	100% similar
		0.4% - 3C.2a1b.2a.2a.3a		
		98.9% - 3C.2a1b.2a.2a.3a.1		
		0.4% - 3C.2a1b.2a.2b		
B/Victoria	325	100% - V1A.3a.2	61	100% similar

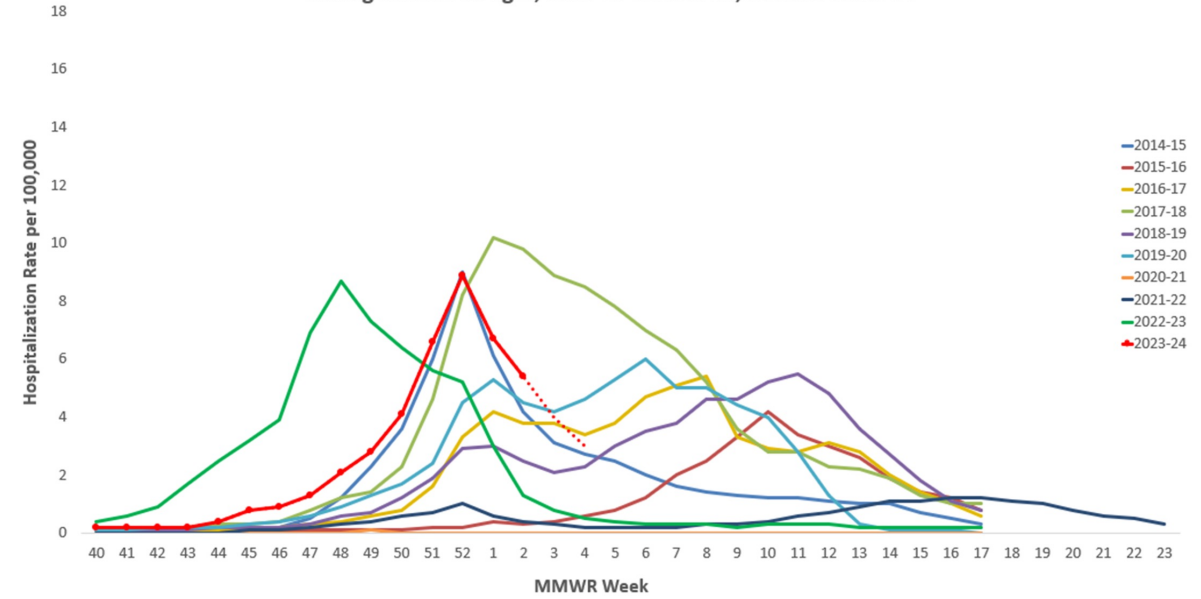
Yellow highlighting denotes the subclade of the vaccine reference viruses

Hospitalizations

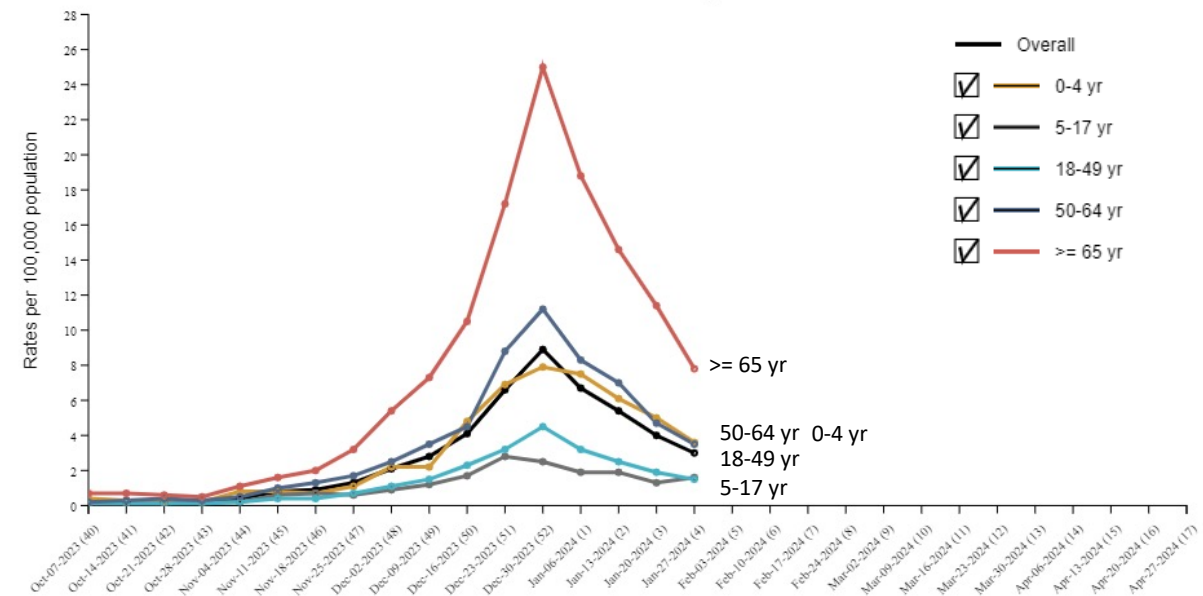
New Influenza Hospital Admissions Reported to NHSN,
National Summary, 2023-2024 Season



Weekly Rate of Laboratory-Confirmed Influenza Hospitalizations
among cases of all ages, 2014-15 to 2023-24, MMWR Week 04

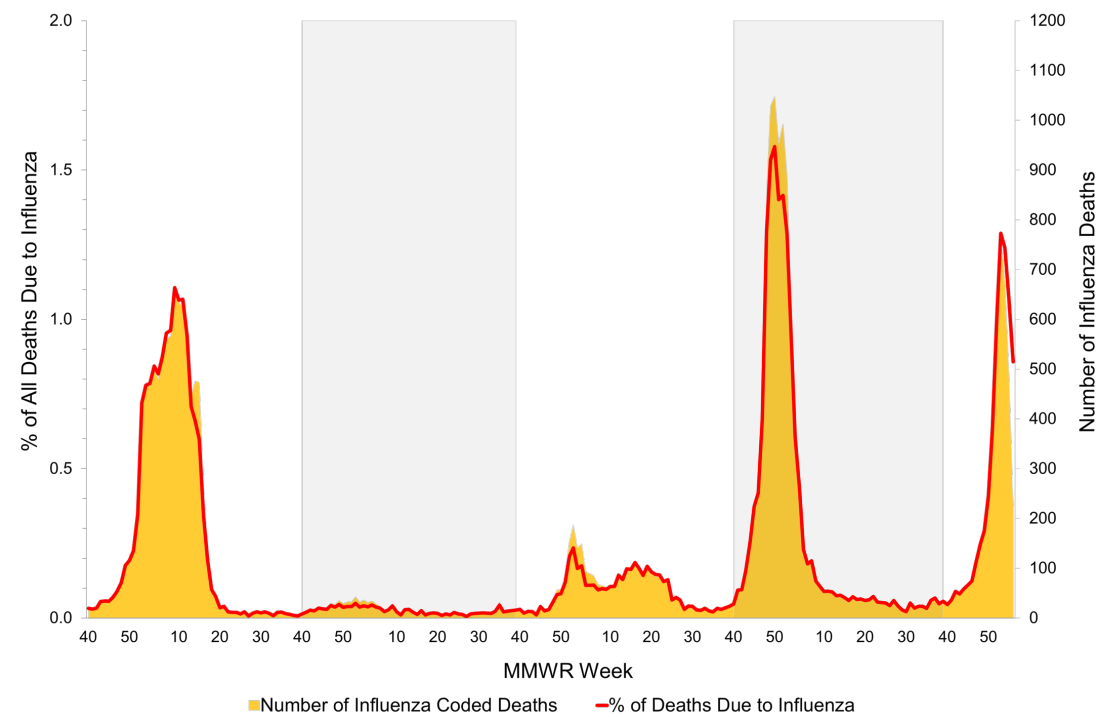


FluSurv-NET :: 2023-24 :: Weekly Rate

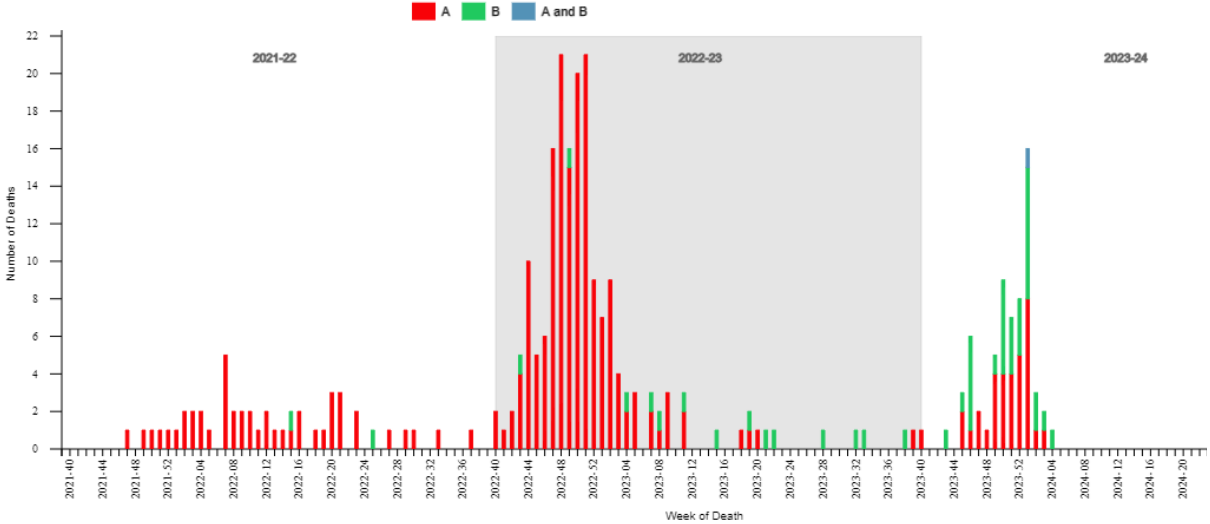


Mortality

Influenza Mortality from
the National Center for Health Statistics Mortality Surveillance System
Data as of February 1, 2024

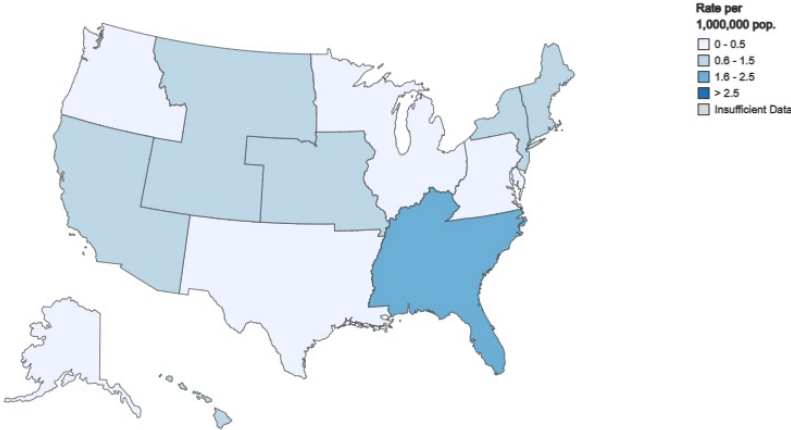


Number of Influenza-Associated Pediatric Deaths by Week of Death



Seasons	Total Deaths	Influenza A	Influenza B	Influenza A and B
2021-22	49	47	2	0
2022-23	183	169	14	0
2023-24	65	34	30	1

Influenza-Associated Pediatric Deaths by HHS Region: 2023-24 Season



Summary

- Seasonal influenza activity remains elevated nationally, with increases in parts of the country.
- Outpatient respiratory illness has been above baseline nationally since November and is above baseline in all 10 HHS Regions.
- Influenza A(H1N1) is still the predominant influenza virus circulating although influenza A(H3N2) and influenza B viruses are also being reported.
- CDC estimates that there have been at least 20 million illnesses, 230,000 hospitalizations, and 14,000 deaths from flu so far 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.

