

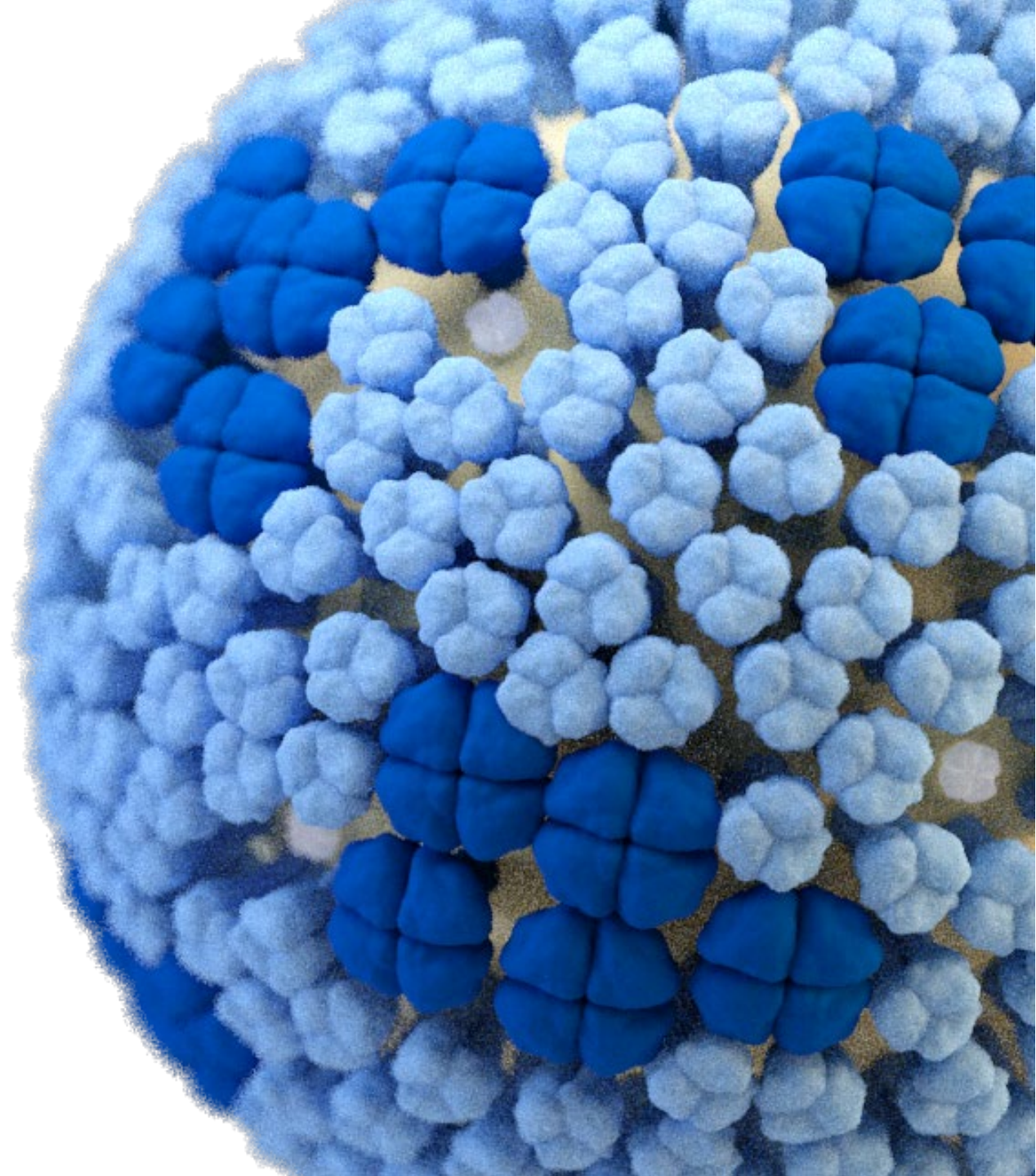
Influenza Update: 2023-2024 Season

(activity through January 13, 2024)

January 25, 2024

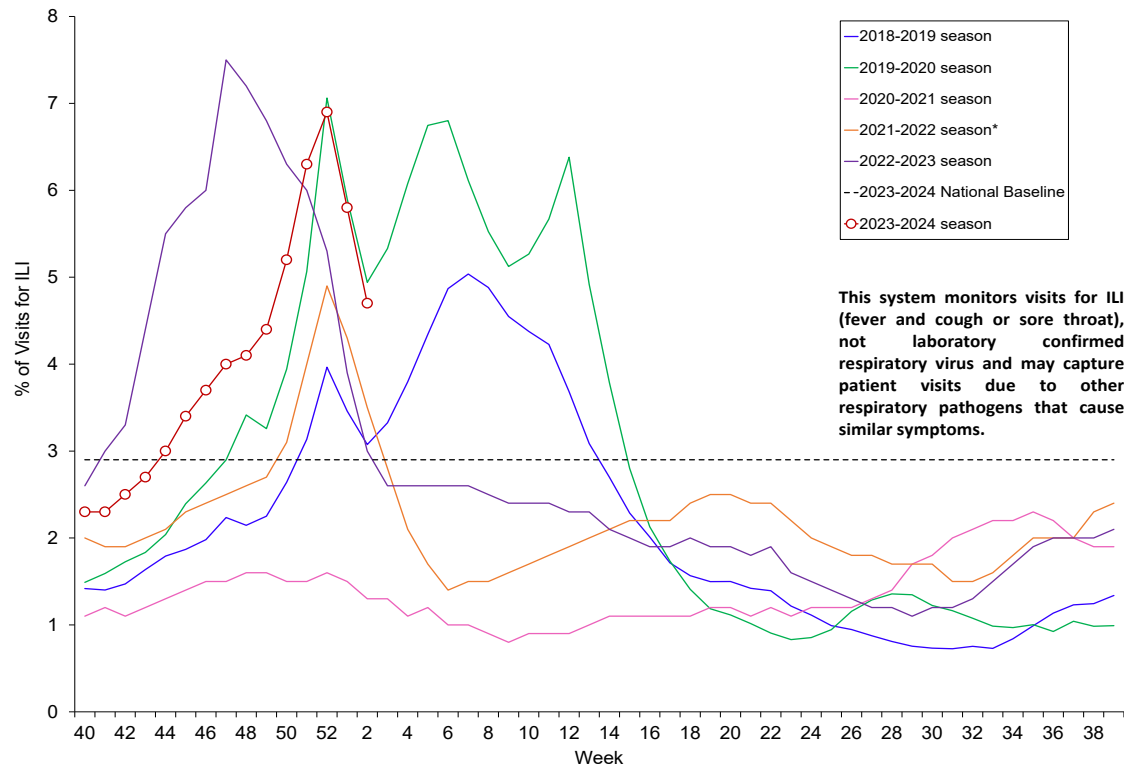
Alicia Budd, MPH

Influenza Division, CDC

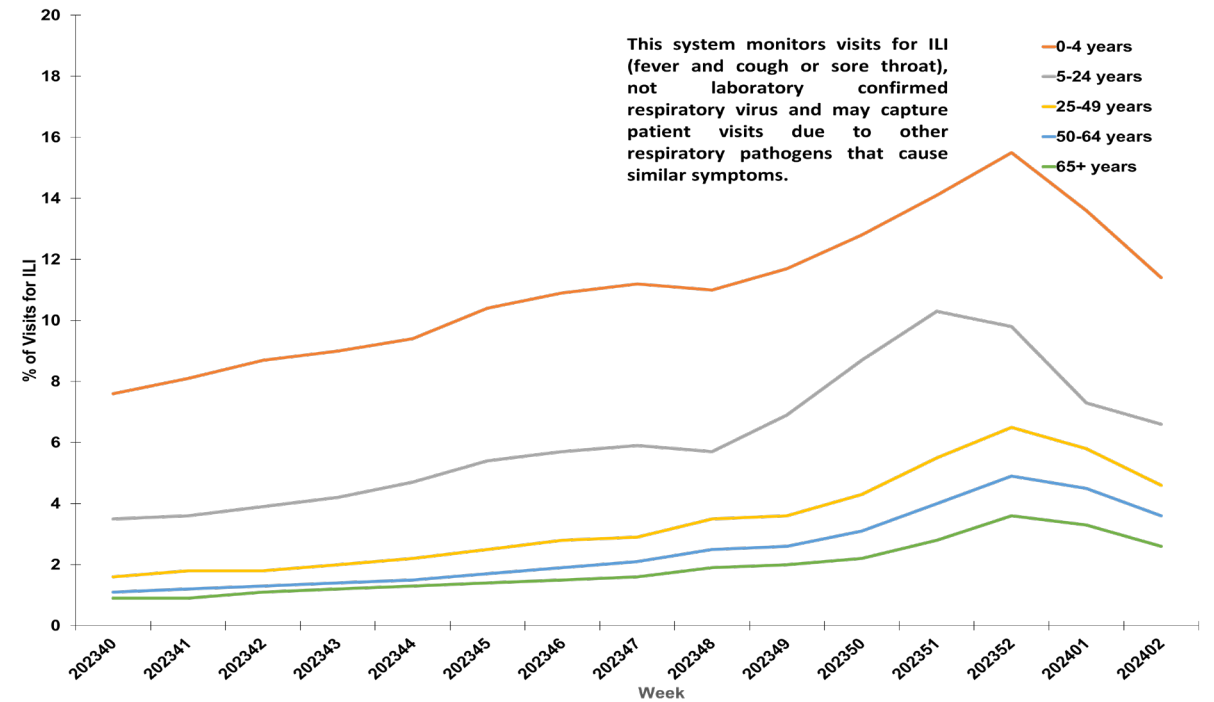


Outpatient Respiratory Illness

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

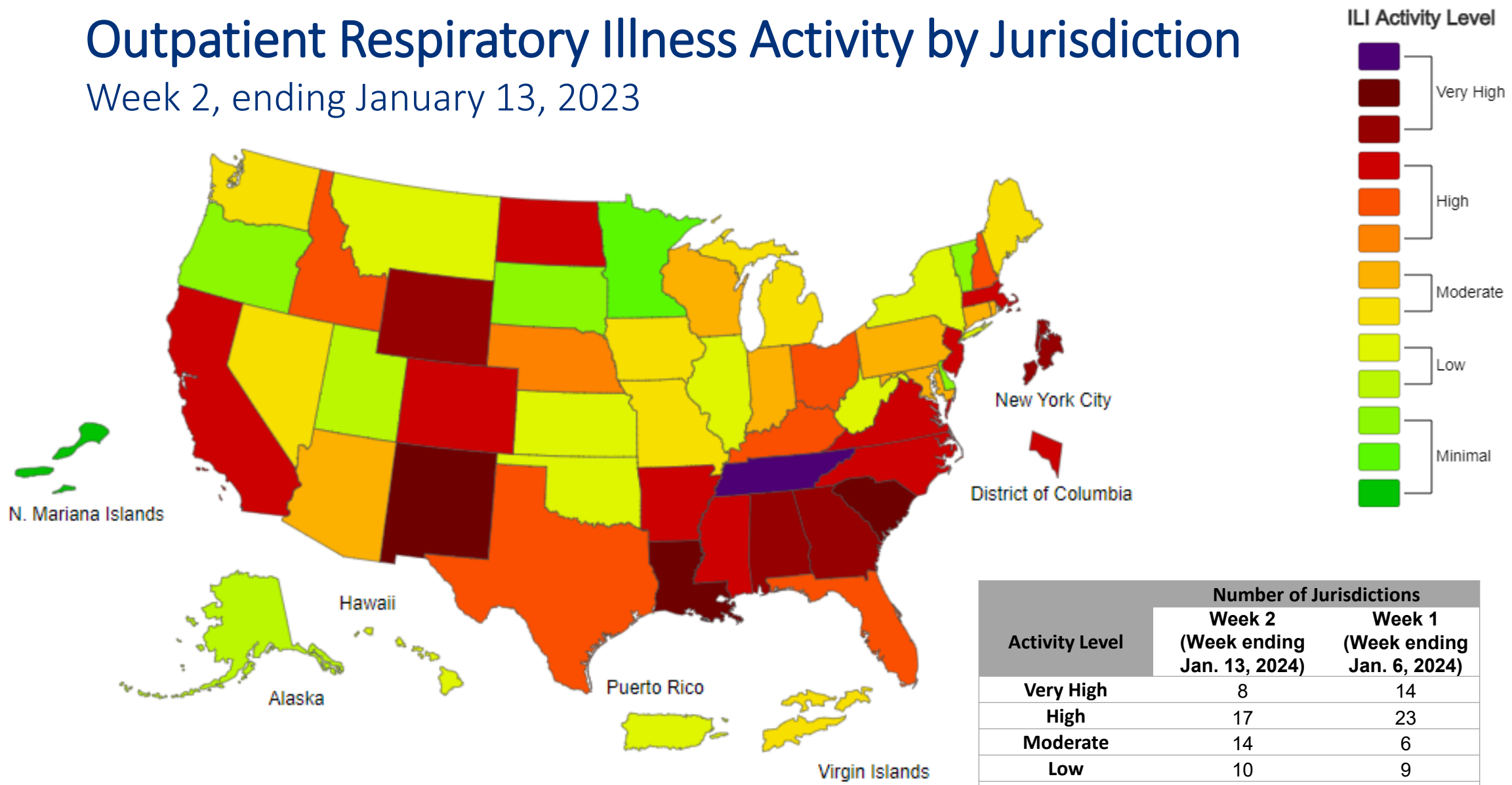


Percentage of Outpatient Visits for Respiratory Illness by Age Group Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season



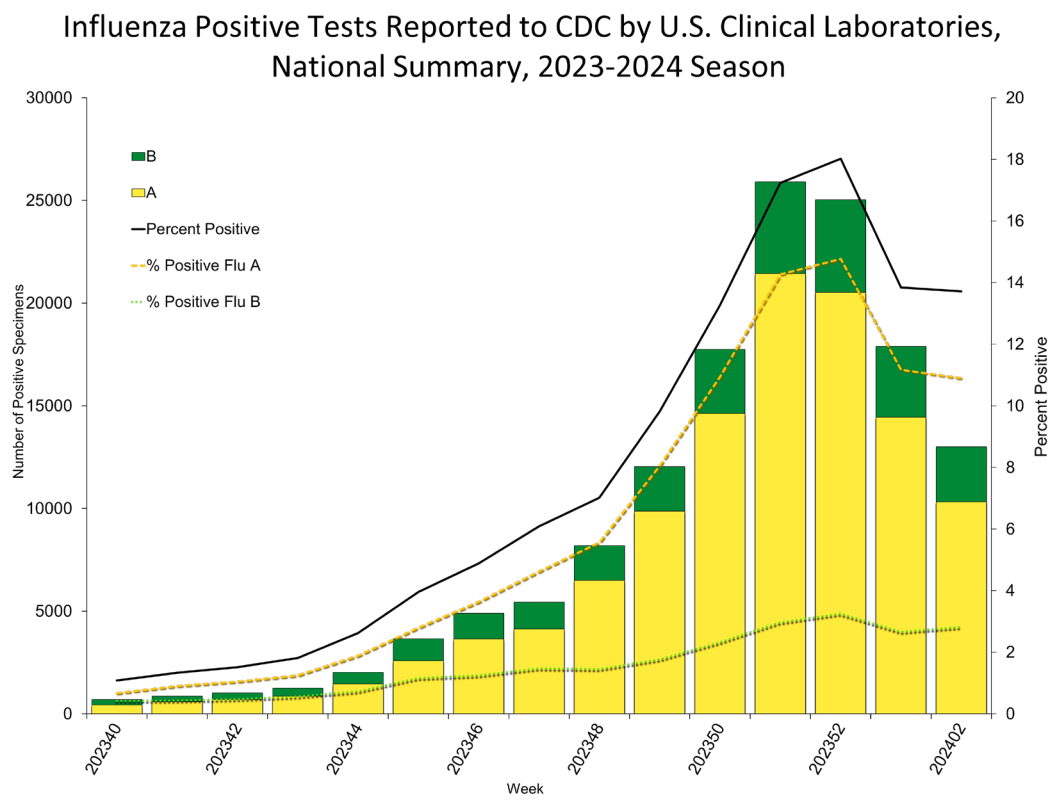
Outpatient Respiratory Illness Activity by Jurisdiction

Week 2, ending January 13, 2023

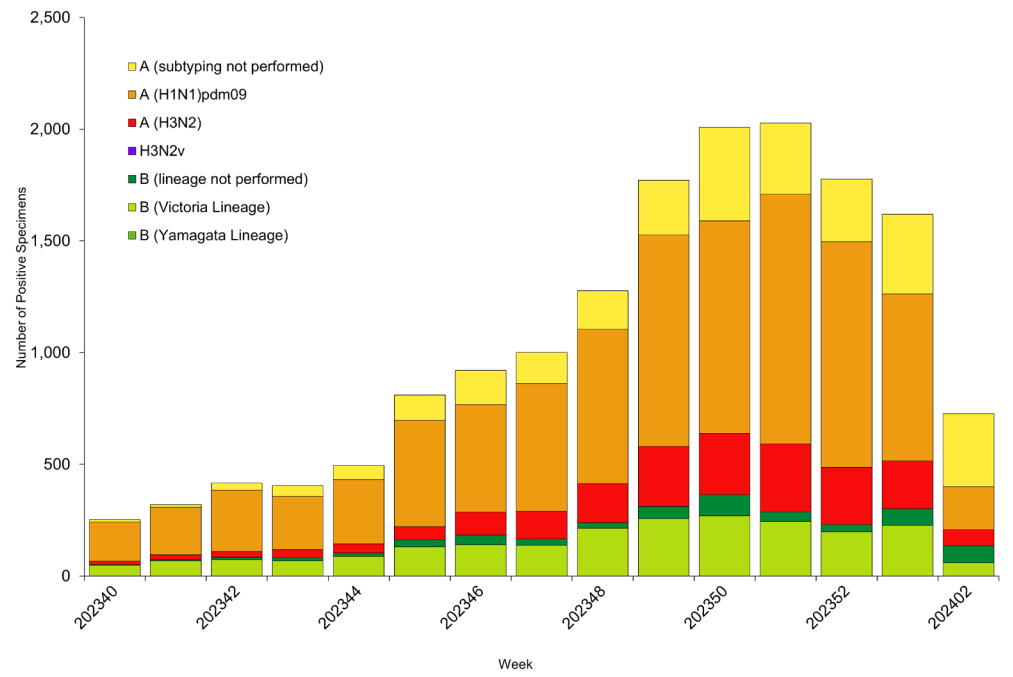


Activity Level	Number of Jurisdictions	
	Week 2 (Week ending Jan. 13, 2024)	Week 1 (Week ending Jan. 6, 2024)
Very High	8	14
High	17	23
Moderate	14	6
Low	10	9
Minimal	6	3
Insufficient Data	0	0

Virologic Surveillance



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

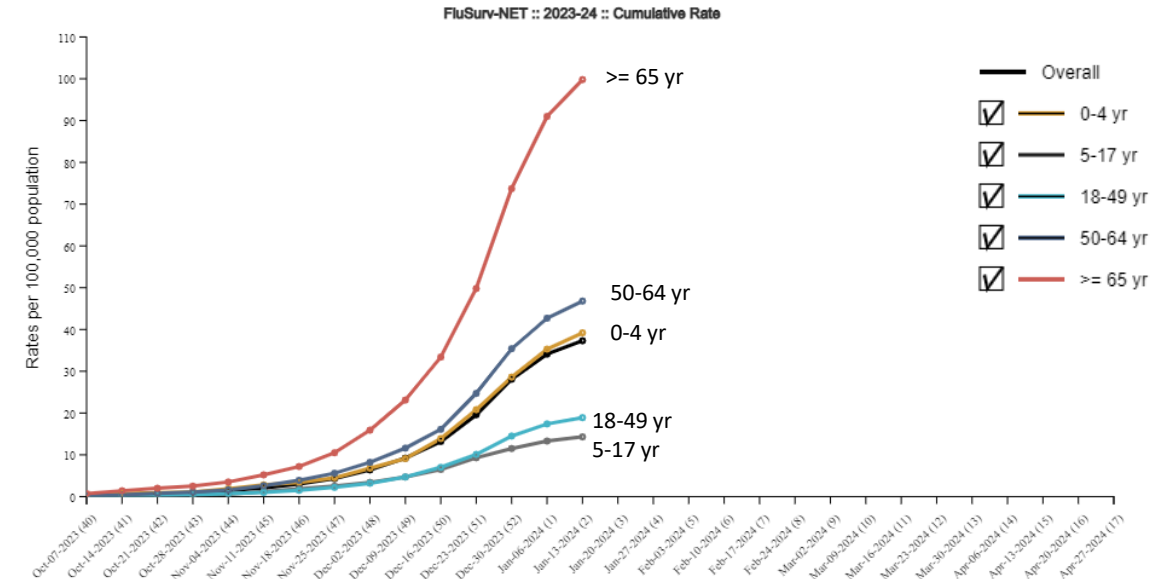
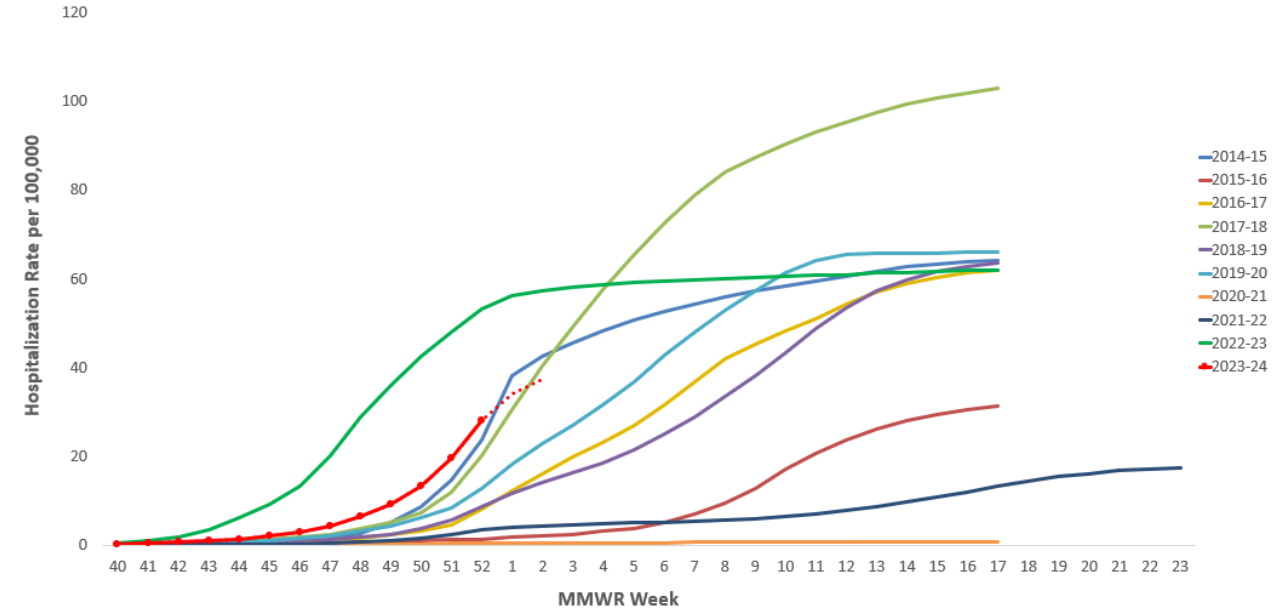
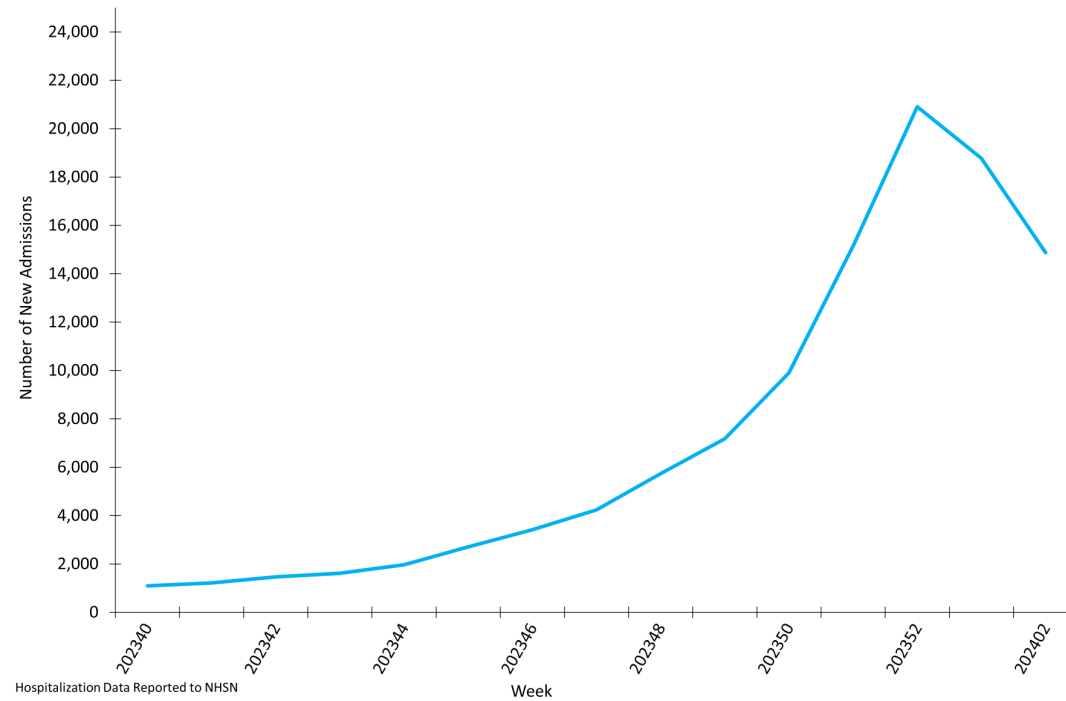


Specimens Collected in the US Since October 1, 2023				
Virus	Genetic Characterization		Antigenic Characterization	
	Number Tested	Clade/Subclade	Number Tested	Similarity to cell-grown vaccine reference virus
A/H1	522	29.3% - 6B.1A.5a.2a	83	100% similar
		70.7% - 6B.1A.5a.2a.1		
A/H3	256	0.4% - 3C.2a1b.2a.2a.1b	91	100% similar
		0.4% - 3C.2a1b.2a.2a.3a		
		98.8% - 3C.2a1b.2a.2a.3a.1		
		0.4% - 3C.2a1b.2a.2b		
B/Victoria	291	100% - V1A.3a.2	61	100% similar

Yellow highlighting denotes the subclade of the vaccine reference viruses

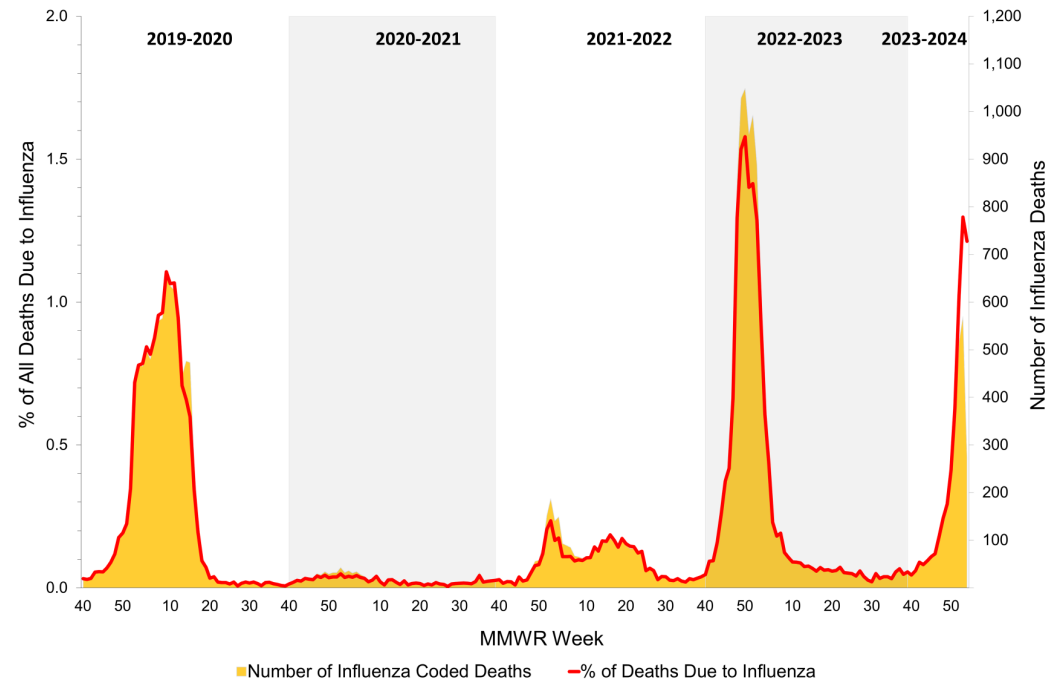
Hospitalizations

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

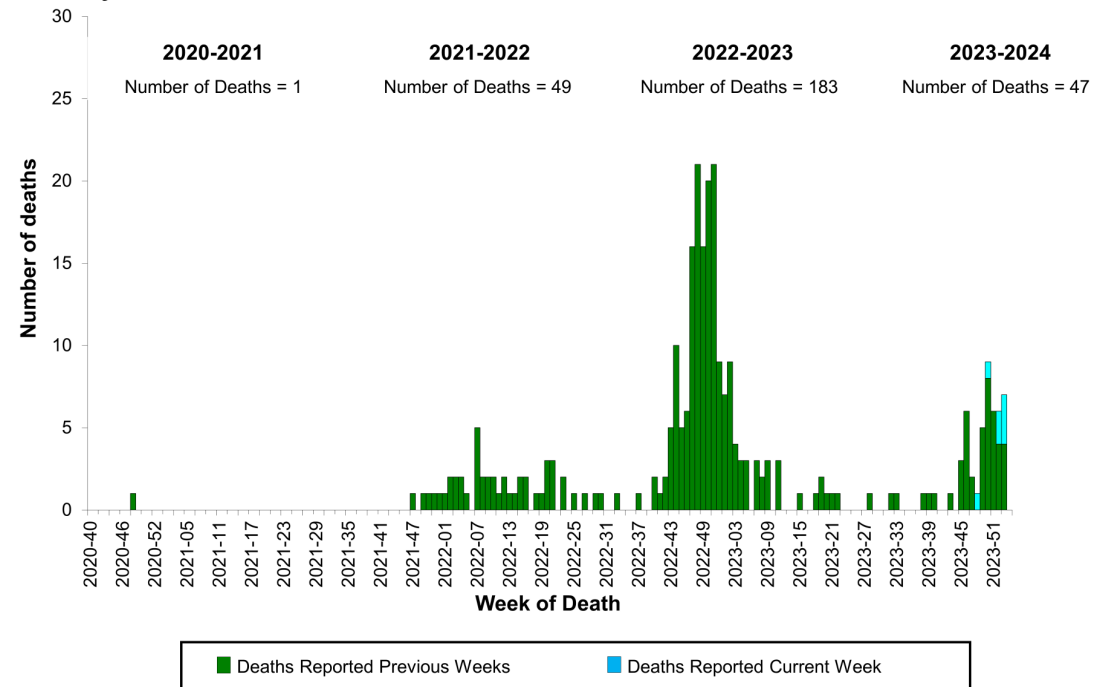


Mortality

Influenza Mortality from
the National Center for Health Statistics Mortality Surveillance System
Data as of January 18, 2024



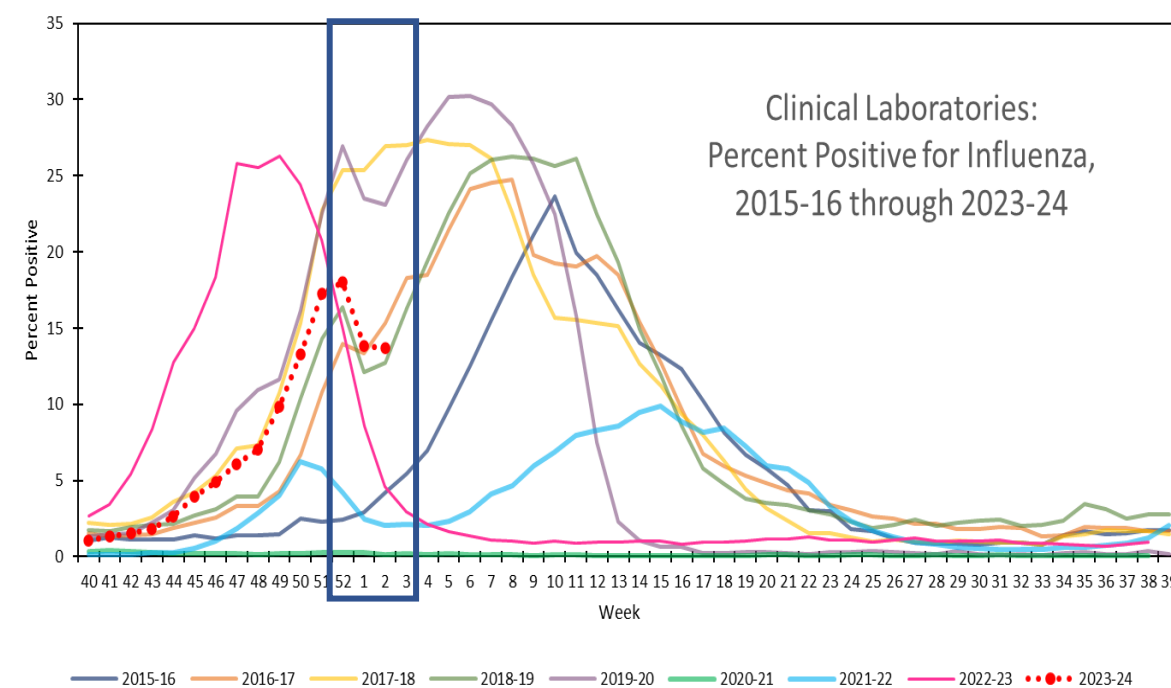
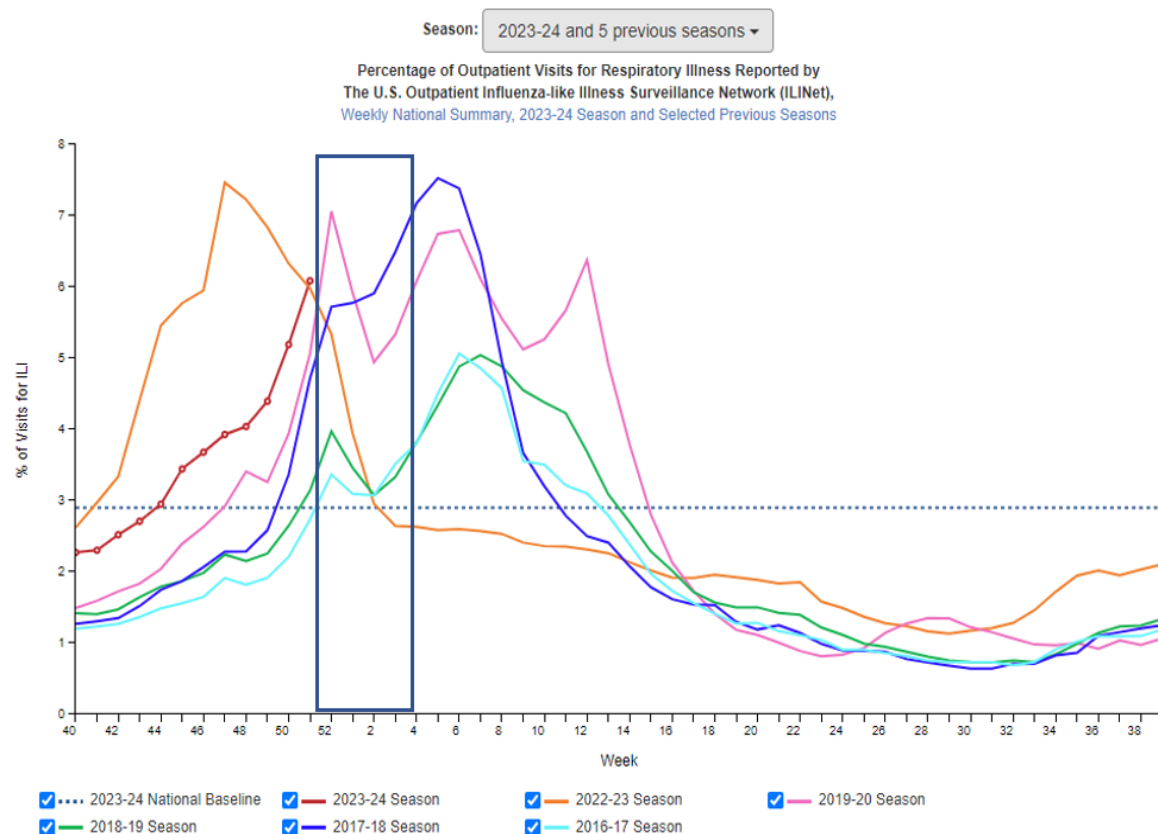
Influenza-Associated Pediatric Deaths
by Week of Death, 2020-2021 season to 2023-2024 season



Summary

- There have been two weeks of decline in key indicators, however we are still watching for possible post-holiday increases.
- *Influenza activity remains elevated.*
- 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 16 million illnesses, 180,000 hospitalizations, and 11,000 deaths from flu so far this season.

Post-holiday increases – ILINet, Clinical Labs

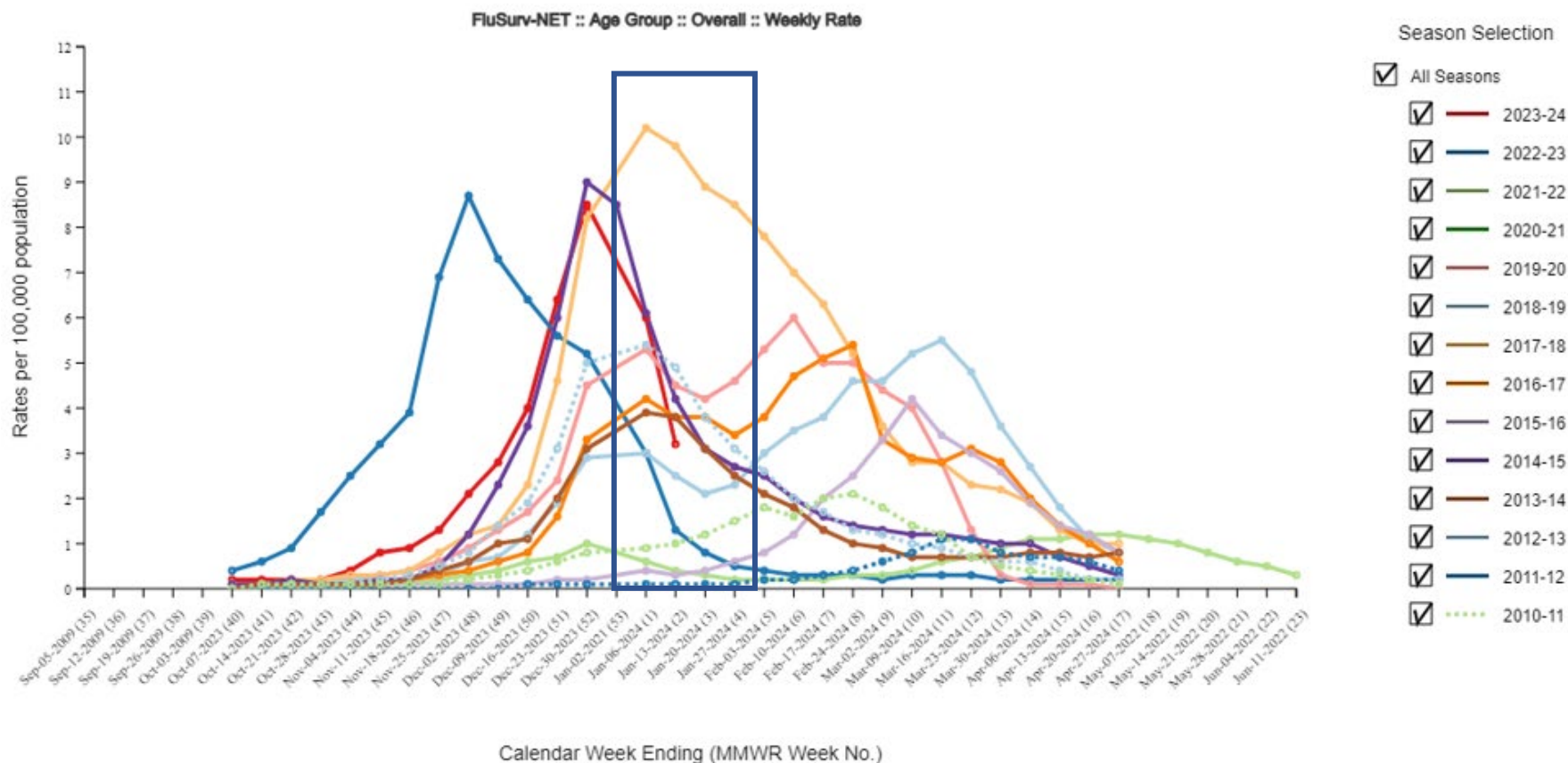


Post-holiday increases – FluSurv-NET



Laboratory-Confirmed Influenza Associations, FluSurv-NET, Age Group, Overall

Weekly rates as of Jan 13, 2024



Questions?

Alicia Budd (acp4@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.

