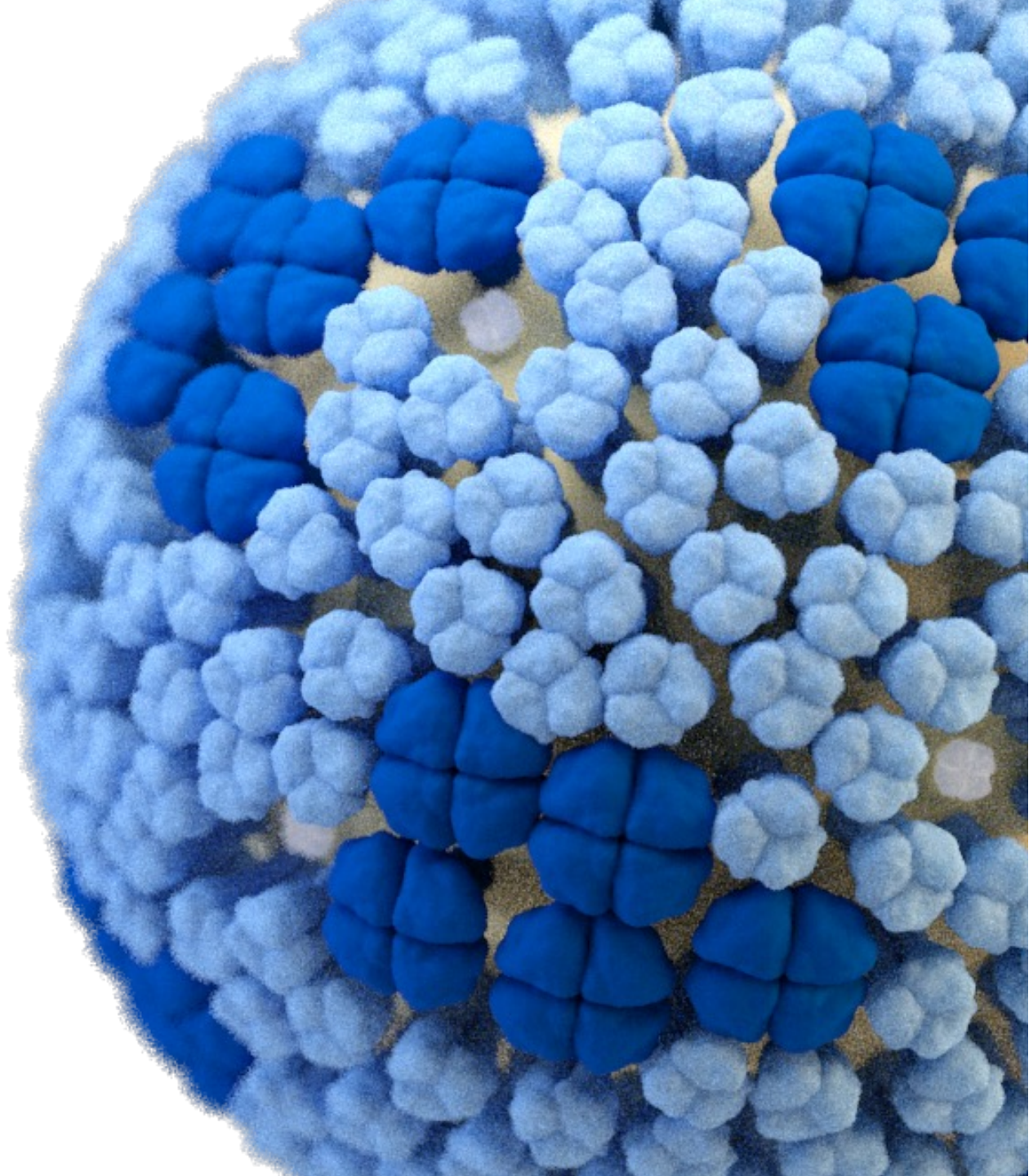


# Influenza Update: 2023-2024 Season

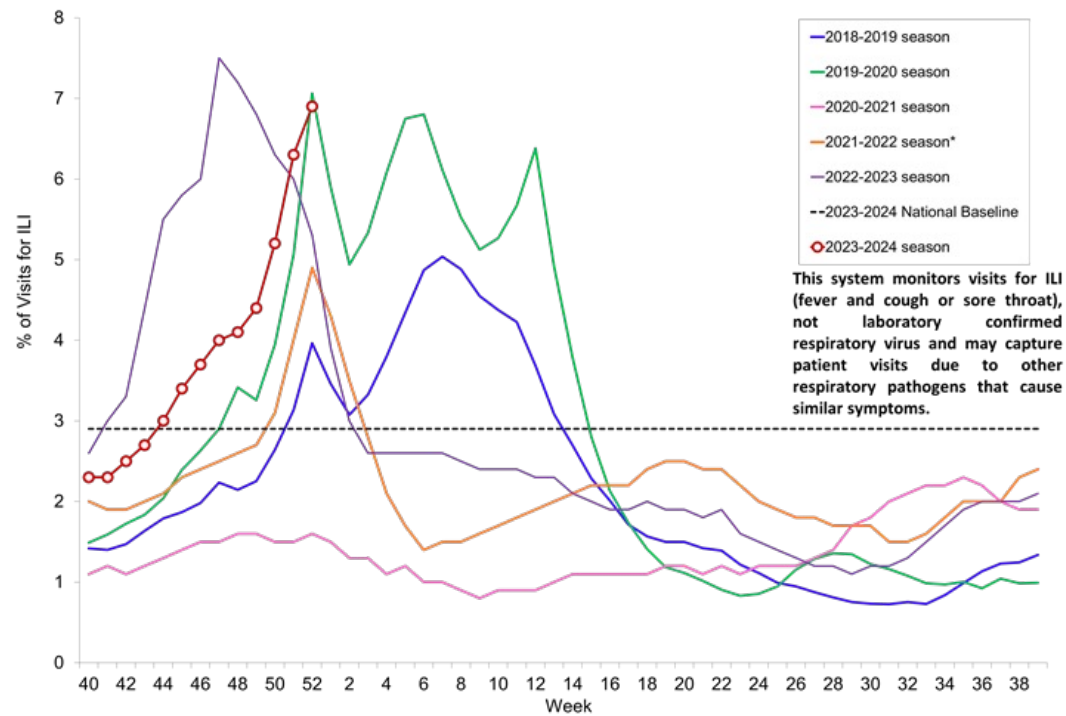
January 11, 2024

Katie Tastad, PhD, MPH  
Influenza Division, CDC

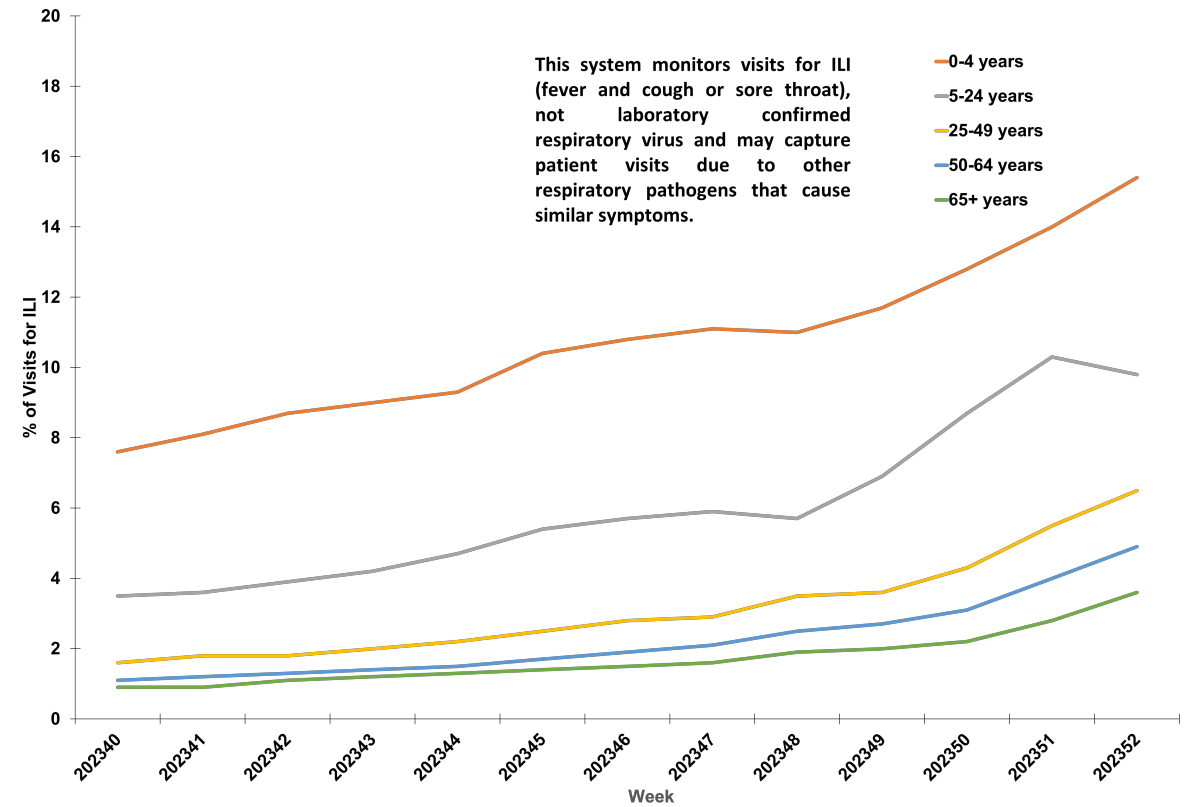


# Outpatient Respiratory Illness

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

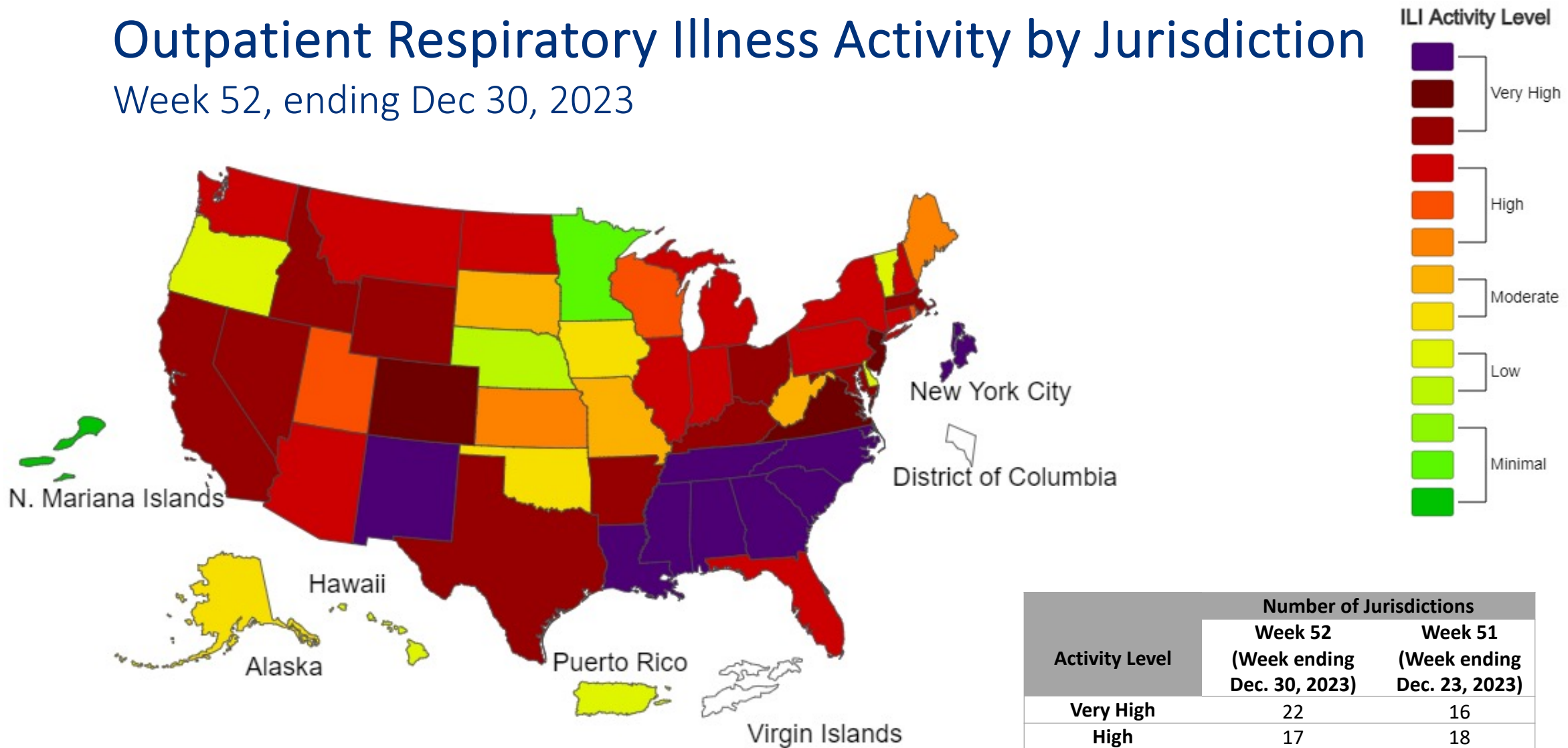


Percentage of Outpatient Visits for Respiratory Illness by Age Group Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2023-24 Season



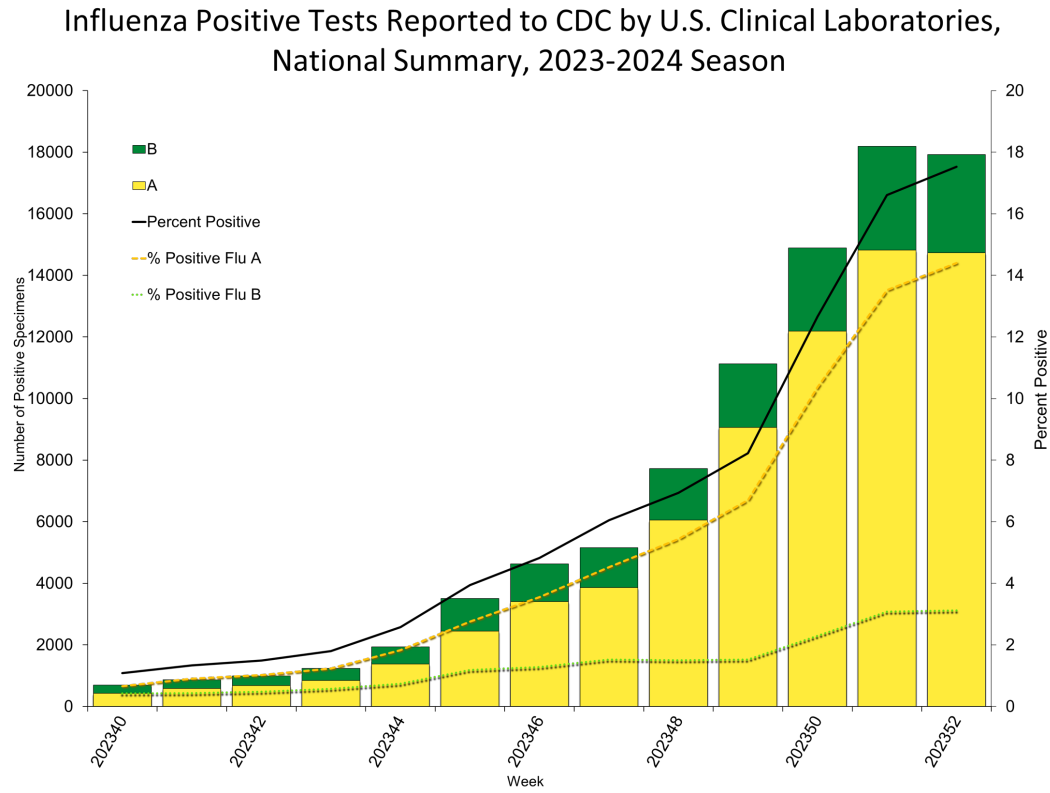
# Outpatient Respiratory Illness Activity by Jurisdiction

Week 52, ending Dec 30, 2023

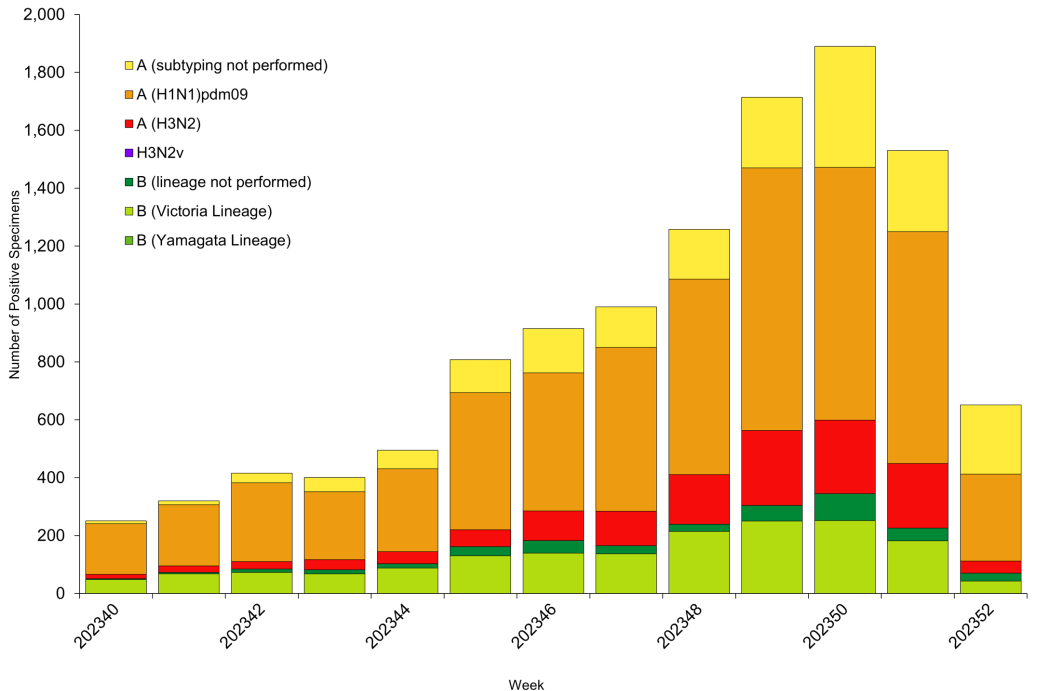


Activity Level	Number of Jurisdictions	
	Week 52 (Week ending Dec. 30, 2023)	Week 51 (Week ending Dec. 23, 2023)
Very High	22	16
High	17	18
Moderate	6	7
Low	6	6
Minimal	2	8
Insufficient Data	2	0

# 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

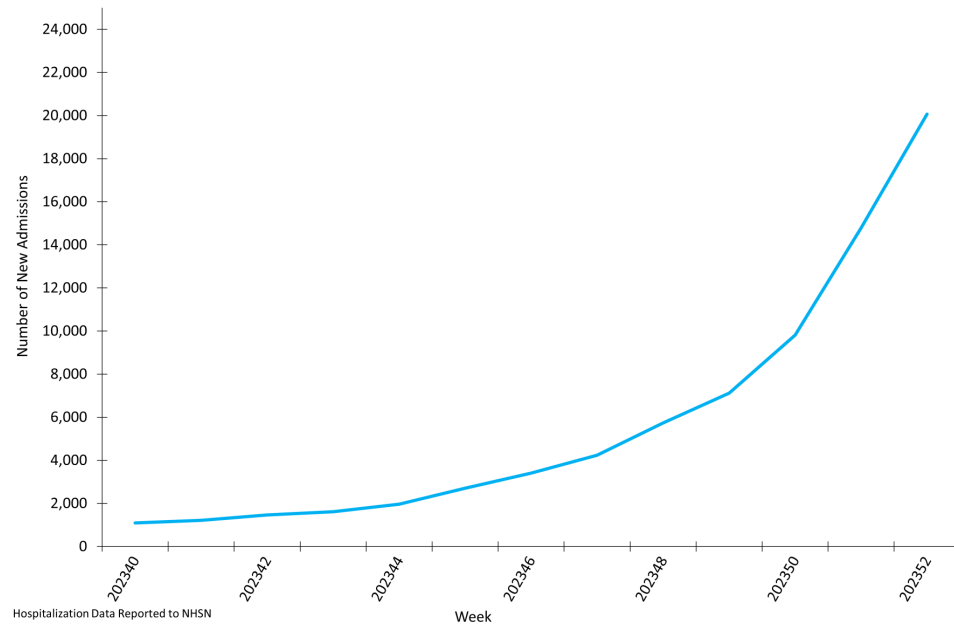
Virus	Genetic Characterization		Antigenic Characterization	
	Number Tested	Clade/Subclade	Number Tested	Similarity to cell-grown vaccine reference virus
A/H1	394	29.9% - 6B.1A.5a.2a	50	100% similar
		70.1% - 6B.1A.5a.2a.1		
A/H3	149	0.7% - 3C.2a1b.2a.2a.1b	68	100% similar
		0.7% - 3C.2a1b.2a.2a.3a		
		98.0% - 3C.2a1b.2a.2a.3a.1		
		0.7% - 3C.2a1b.2a.2b		
B/Victoria	233	100% - V1A.3a.2	19	100% similar

Yellow highlighting denotes the subclade of the vaccine reference viruses

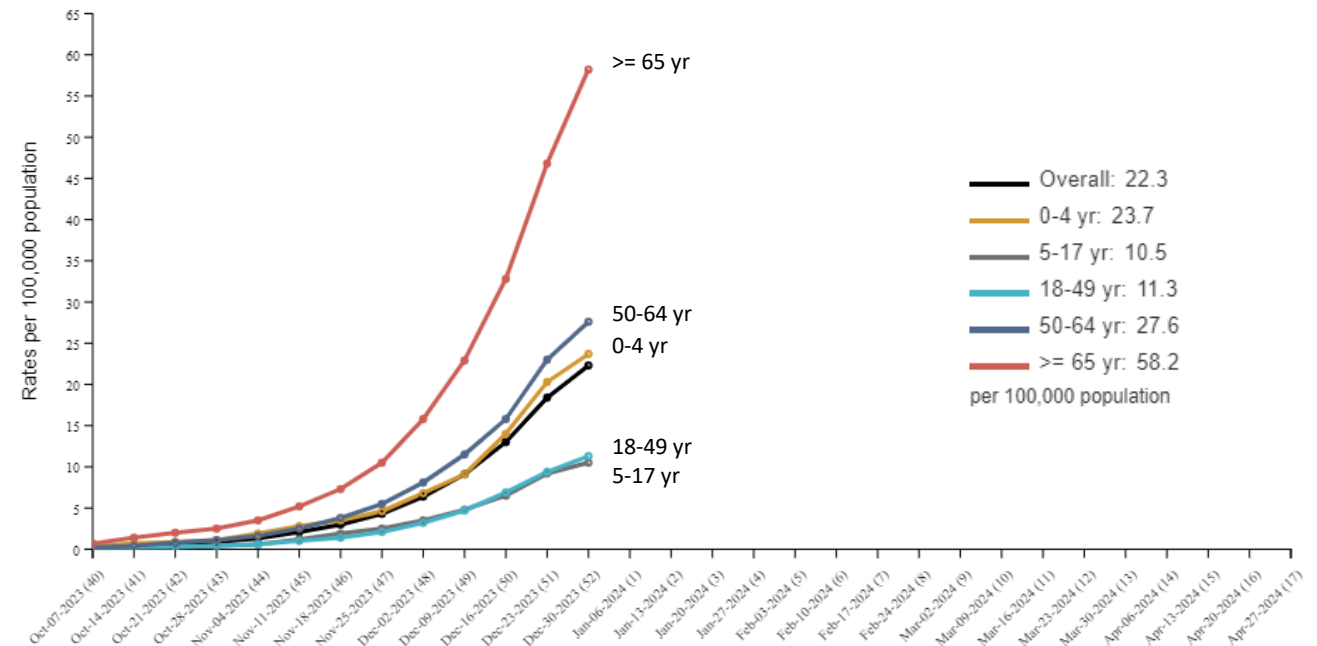
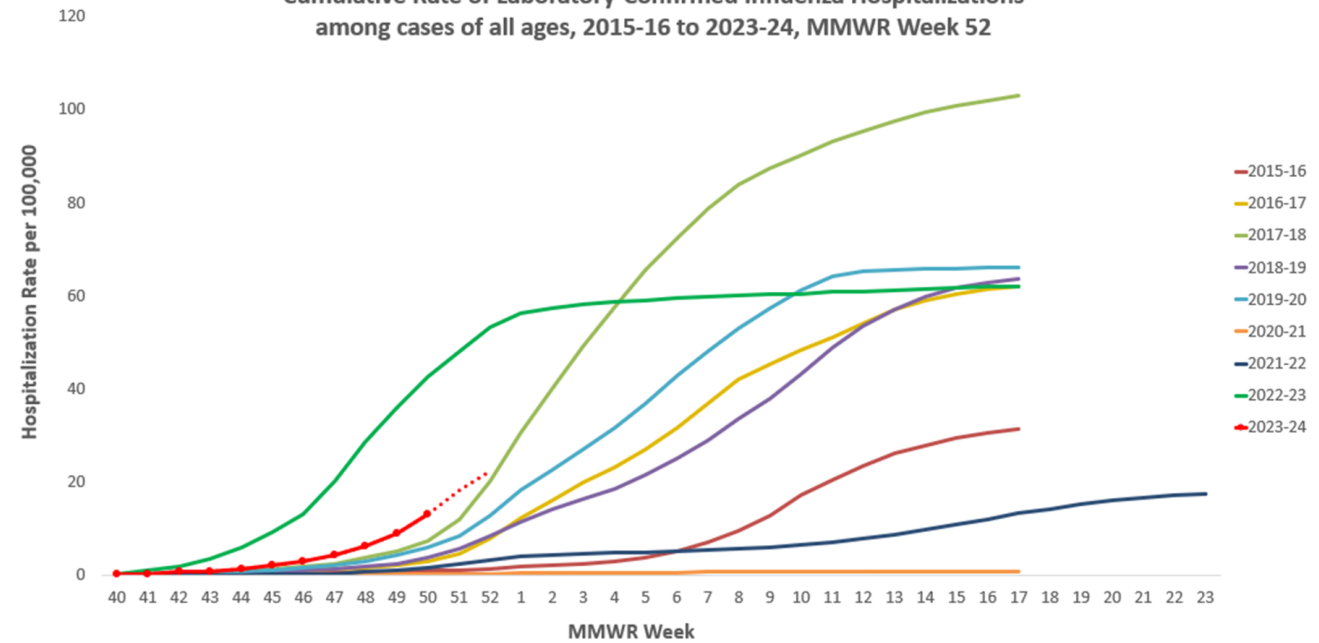


# Hospitalizations

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

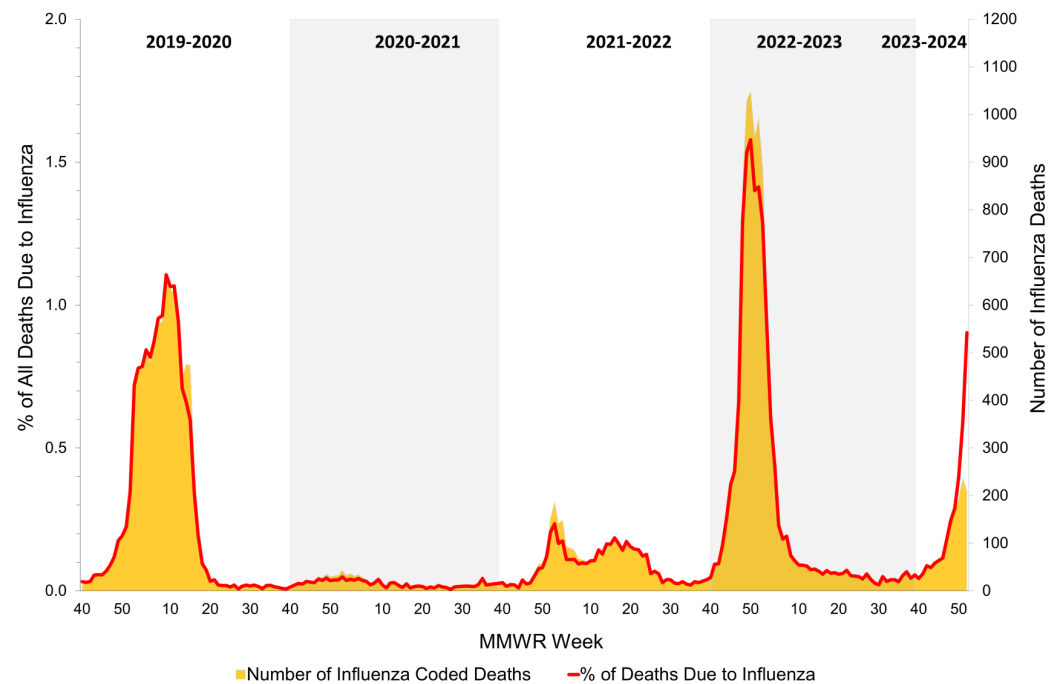


Cumulative Rate of Laboratory-Confirmed Influenza Hospitalizations  
among cases of all ages, 2015-16 to 2023-24, MMWR Week 52

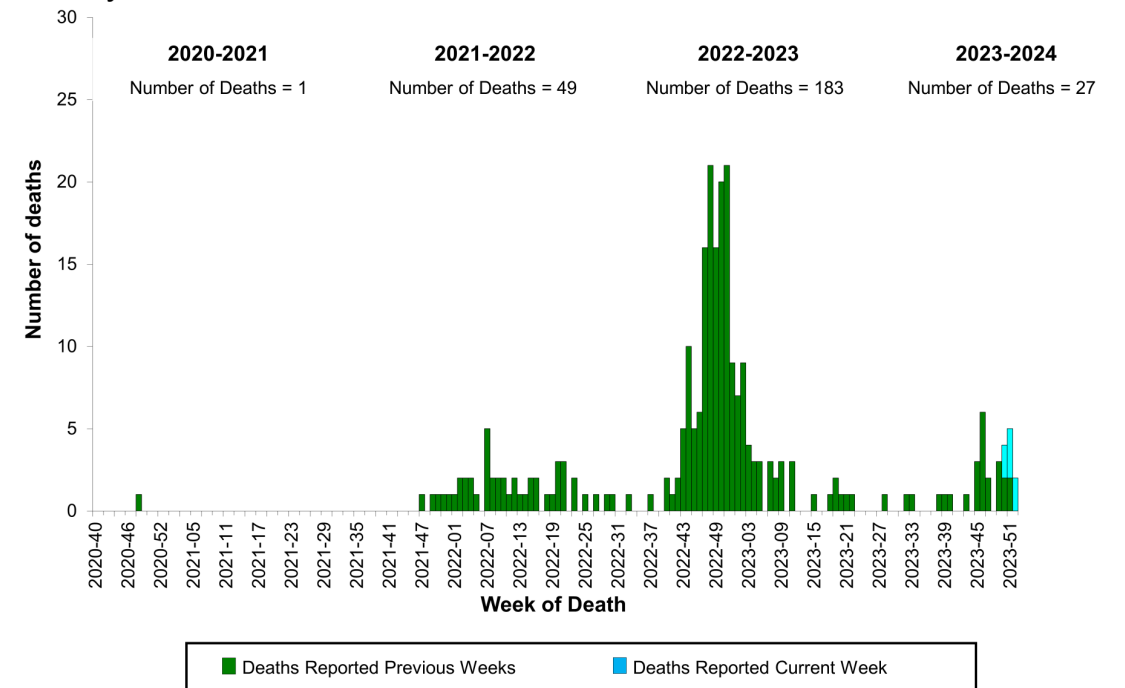


# Mortality

Influenza Mortality from  
the National Center for Health Statistics Mortality Surveillance System  
Data as of January 5, 2023



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



# Summary

- Influenza activity is elevated and continues to increase in most 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 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 10 million illnesses, 110,000 hospitalizations, and 6,500 deaths from flu so far this season.

## Questions?

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

