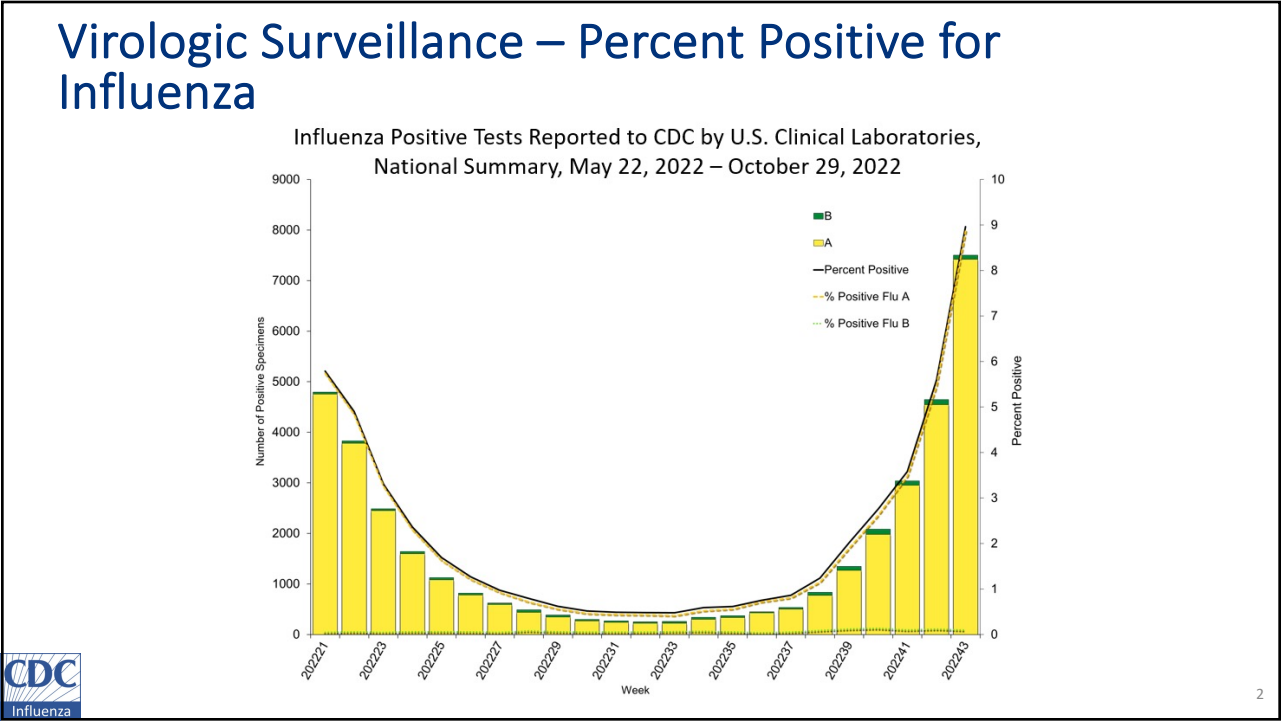
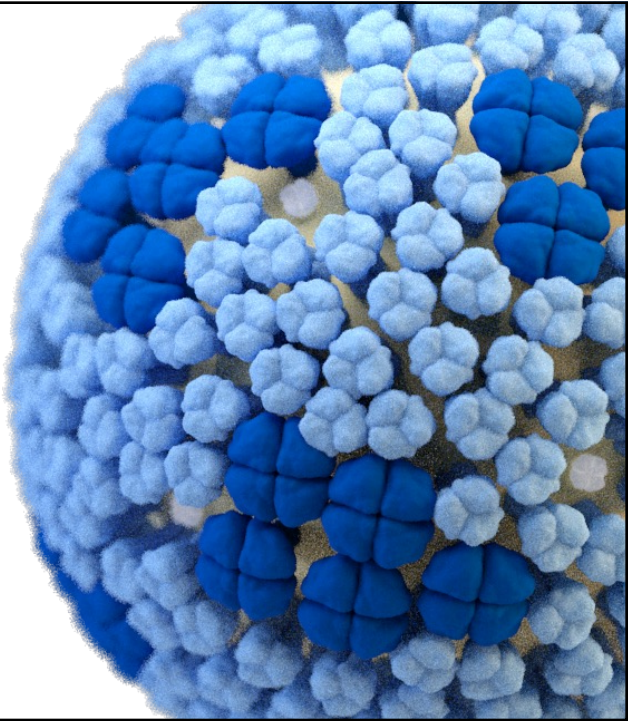


INFLUENZA ACTIVITY UPDATE: 2022-2023 Influenza Season

November 10, 2022

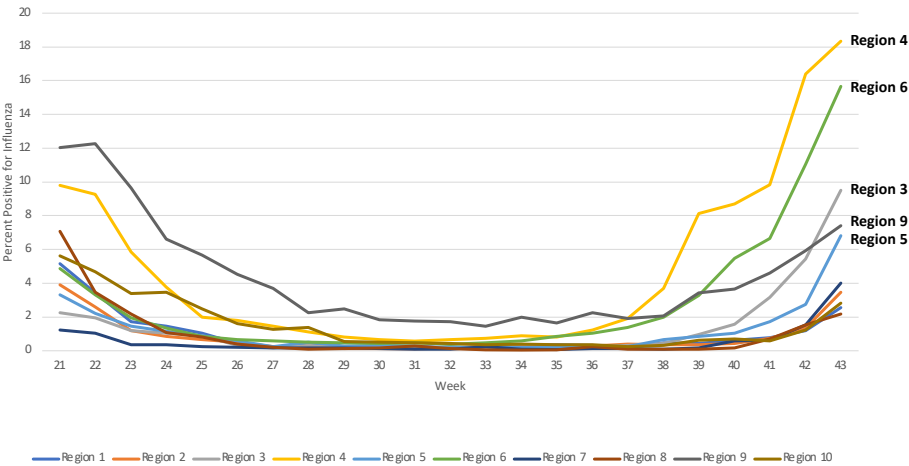
Alicia Budd, MPH
Influenza Division, CDC





Virologic Surveillance – Percent Positive for Influenza

Percent Positive for Influenza, by HHS Region
Clinical Laboratories Reporting to CDC
May 22, 2022 - October 29, 2022

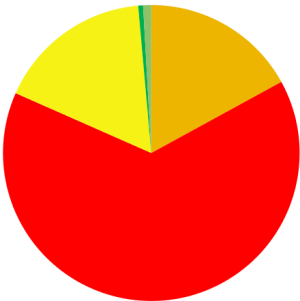


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Virologic Surveillance – Virus Characteristics

Influenza Positives Reported to CDC by Public Health Laboratories,
National Summary
October 2, 2022 - October 29, 2022



- 99% influenza A
 - 79% H3
 - 21% H1
- 1% influenza B
 - 100% Victoria lineage



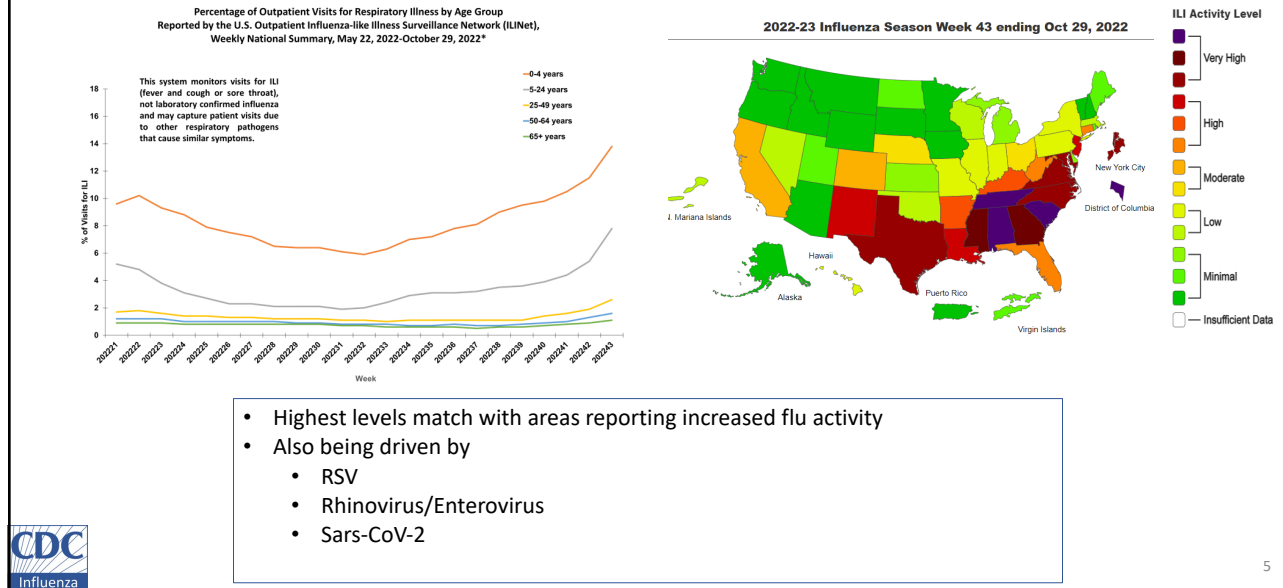
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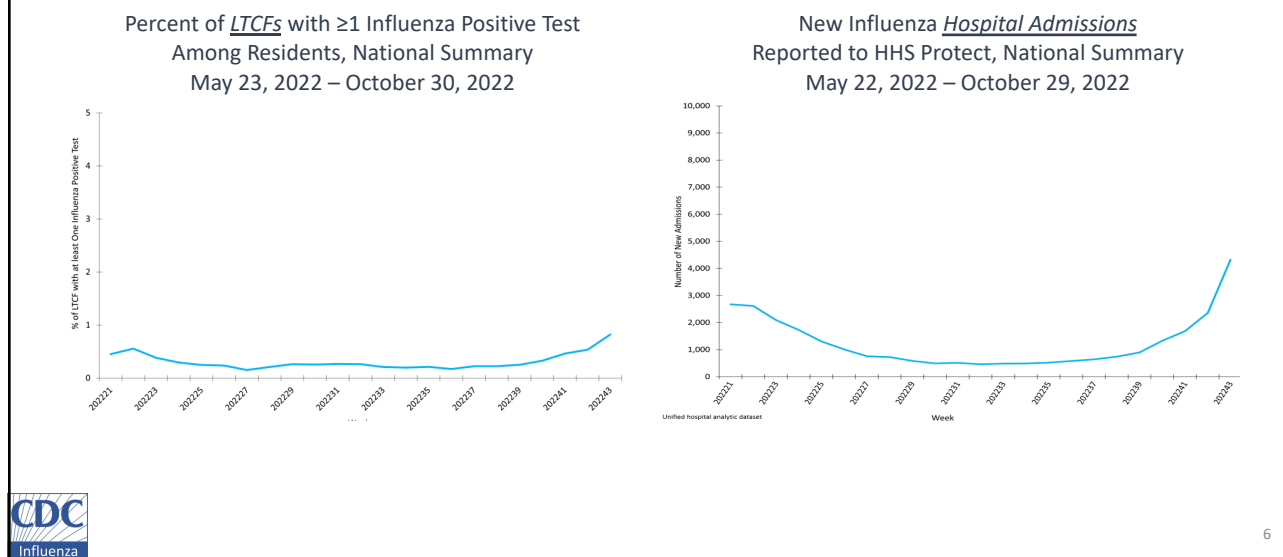
Viruses Collected in the U.S. since May 1, 2022

Virus	Genetic Characterization		Antigenic Characterization	
	Number Tested	Clade/Subclade	Number Tested	Similarity to vaccine reference virus
A/H1	40	13% - 6B.1A.5a.1	26	92% similar to cell-grown
		88% - 6B.1A.5a.2		92% similar to egg-grown
A/H3	418	100% - 3C.2a1b.2a.2	42	100% similar to cell-grown
				95% similar to egg-grown
B/Victoria	2	100% - V1A.3	1	100% similar to cell-grown
				100% similar to egg-grown

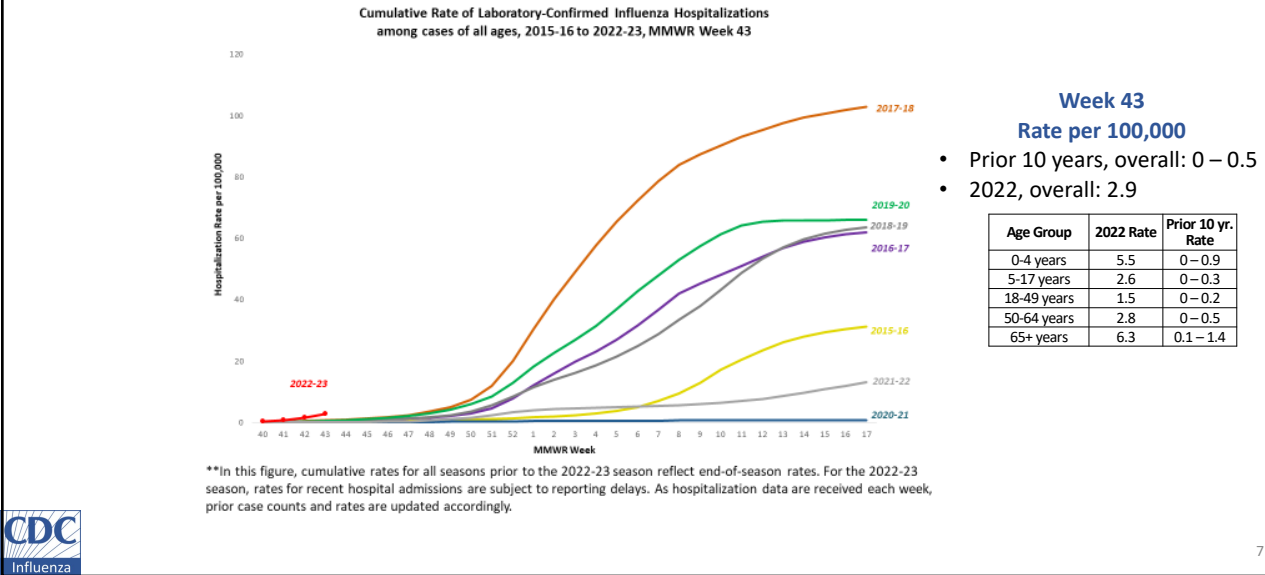
Outpatient Respiratory Illness



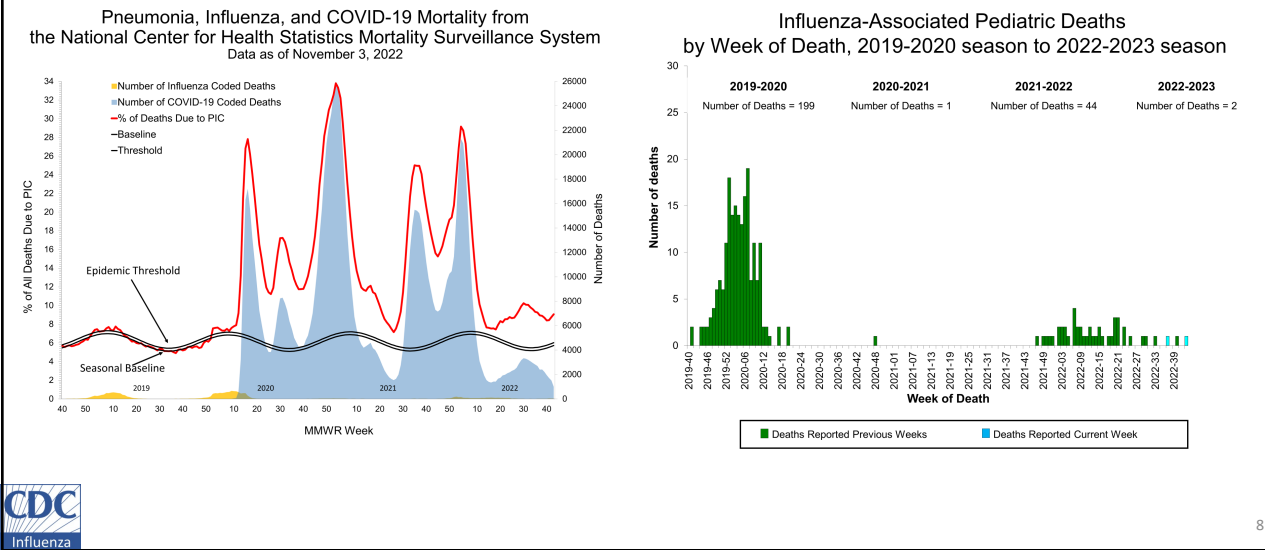
Long-term Care Facilities (LTCF) and Hospitals



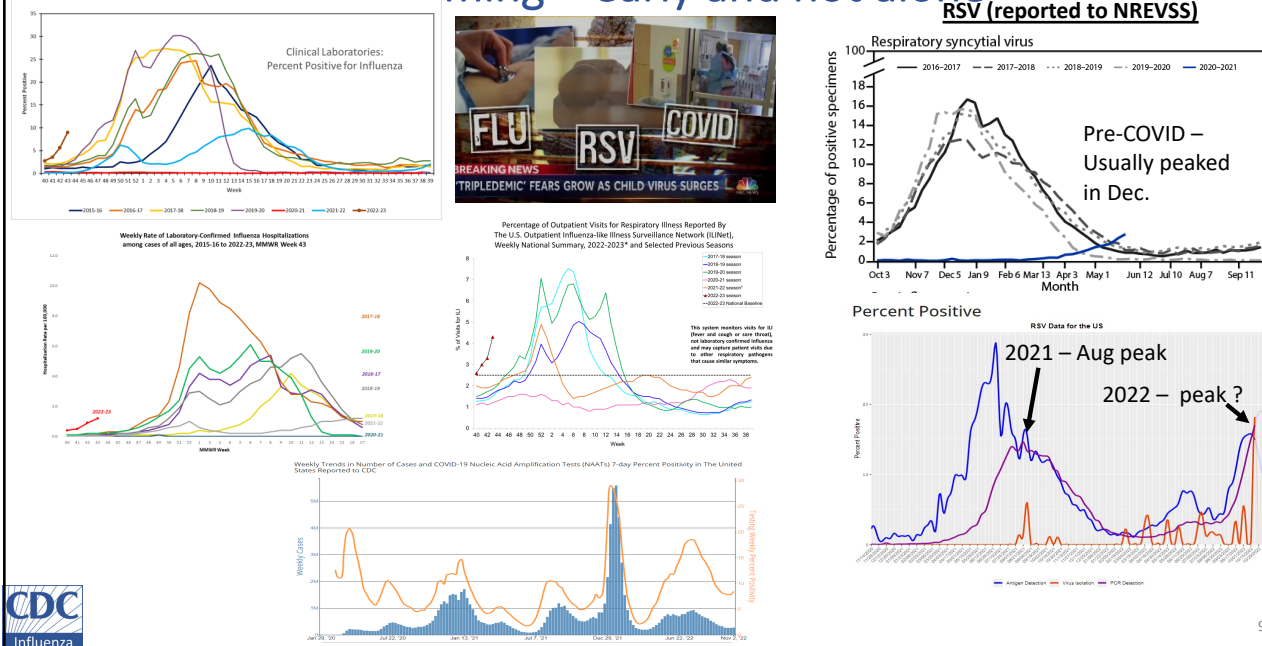
FluSurv-NET – Hospitalization Rates



Mortality



Influenza Activity Timing – early and not alone



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Summary

- Influenza activity is increasing earlier than “usual.”
 - Highest in the southeast and south-central regions, followed by Mid-Atlantic and south-central West Coast
 - Mostly A/H3, some A/H1 and a few Bs
- It’s too early to know how severe the season will be.
- In the U.S. so far this season:
 - At least 1.6 million symptomatic illnesses
 - At least 760,000 medical visits
 - At least 13,000 hospitalizations
 - At least 730 deaths
- It’s a great time to get vaccinated!



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Questions?
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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.

