

# Maine Weekly Influenza Surveillance Report

## 2024-2025 Influenza Season

February 18, 2025

Data for MMWR week 7 (ending 2/15/2025)

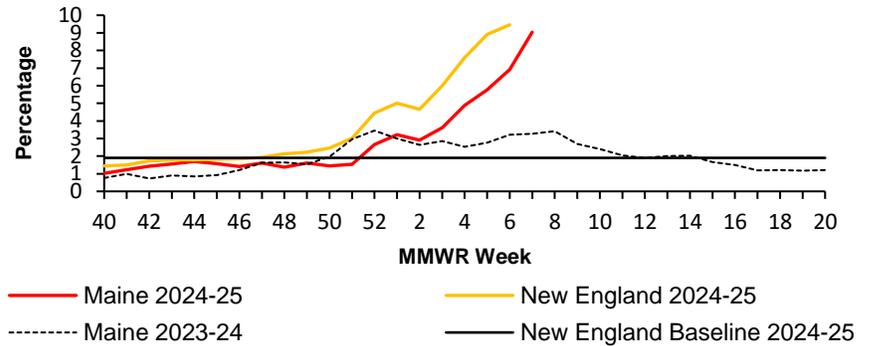


### U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

Percent of Outpatient Health Care Visits Due to ILI  
**9.04**

Number of ILINet Reporting Providers  
**46**

Outpatient Visits for ILI – ILINet, Maine, 2023-25

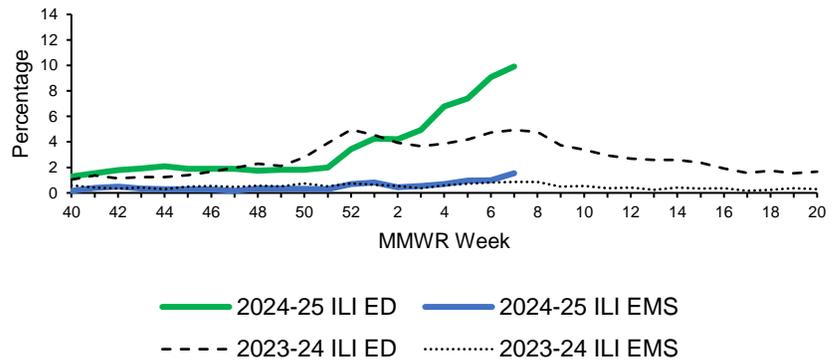


### Syndromic Surveillance

Percent of Emergency Room (ED) Visits Due to ILI  
**9.91**

Percent of Emergency Medical Services (EMS) calls for ILI  
**1.54**

Syndromic Surveillance data for ILI – Maine, 2023 -25

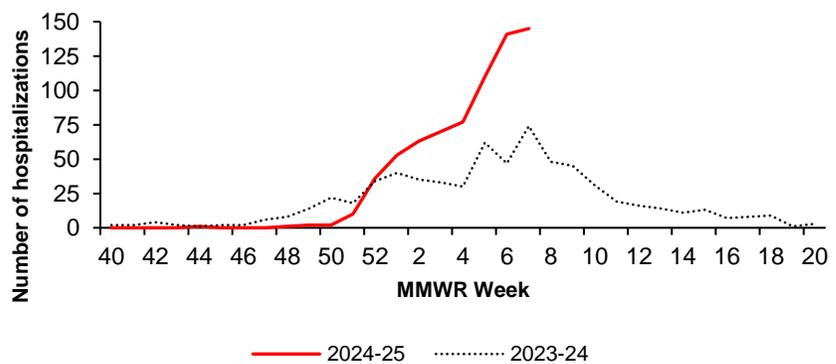


### Hospitalizations

Influenza-Associated Hospitalizations This Week  
**145**

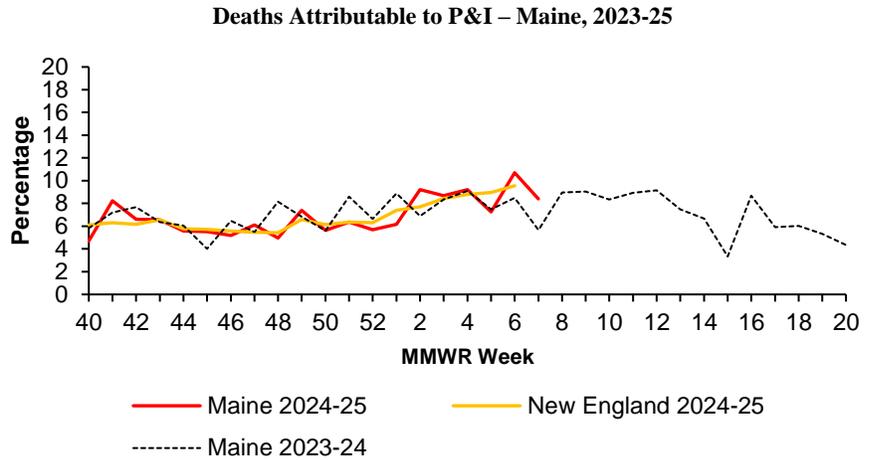
Total Influenza-Associated Hospitalizations This Season  
**711**

Influenza Hospitalizations – Maine, 2023-25



## Pneumonia and Influenza (P&I) Deaths

Percent of Deaths Due to P&I	<b>8.39</b>
Influenza-Associated Deaths This Week*	<b>4</b>
Total Influenza-Associated Deaths This Season*	<b>29</b>
Pediatric Influenza-Associated Deaths This Season	<b>0</b>

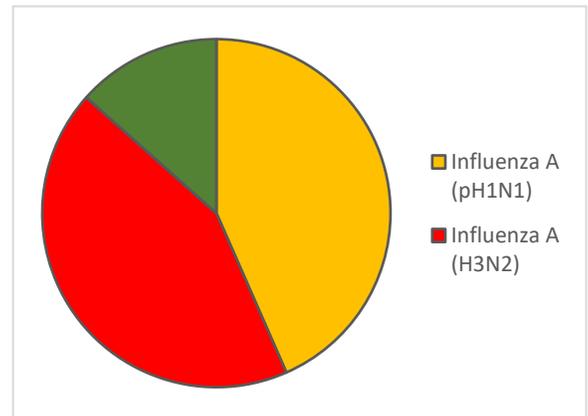
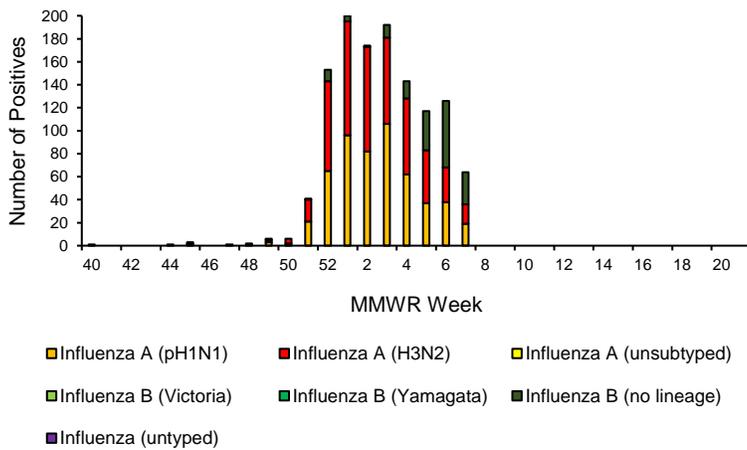


\*This number represents the number of individuals who had influenza specifically listed on their death certificate. This is likely an underrepresentation of the true burden, as many influenza-associated deaths are due to secondary infections. This is why Maine CDC reports Pneumonia and Influenza (P&I) deaths.

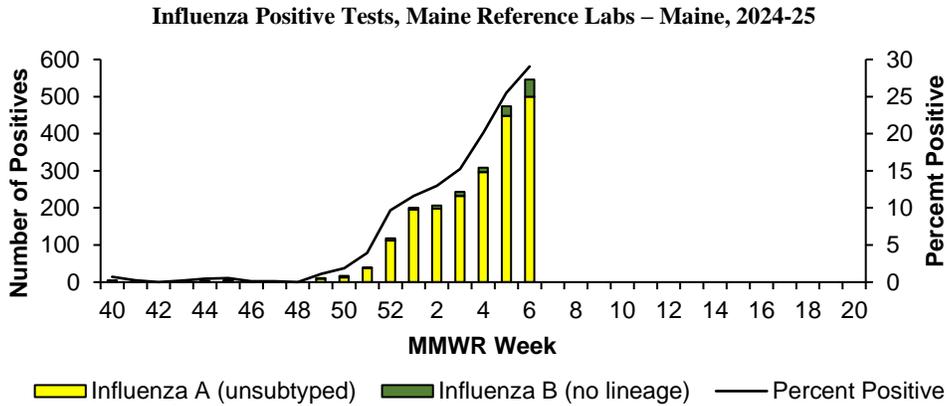
## Virologic Surveillance

Health and Environmental Testing Laboratory	Week 7	2024-25 Season
<b>No. of specimens tested</b>	89	1,326
<b>No. of positive specimens</b>	64 (72%)	1,230 (32%)
<i>Positive specimens by type</i>		
<b>Influenza A</b>		
(H1N1)pdm09	19 (30%)	534 (43%)
H3N2	17 (27%)	531 (43%)
<b>Influenza B</b>	28 (43%)	165 (13%)
Yamagata lineage	-	-
Victoria lineage	-	-

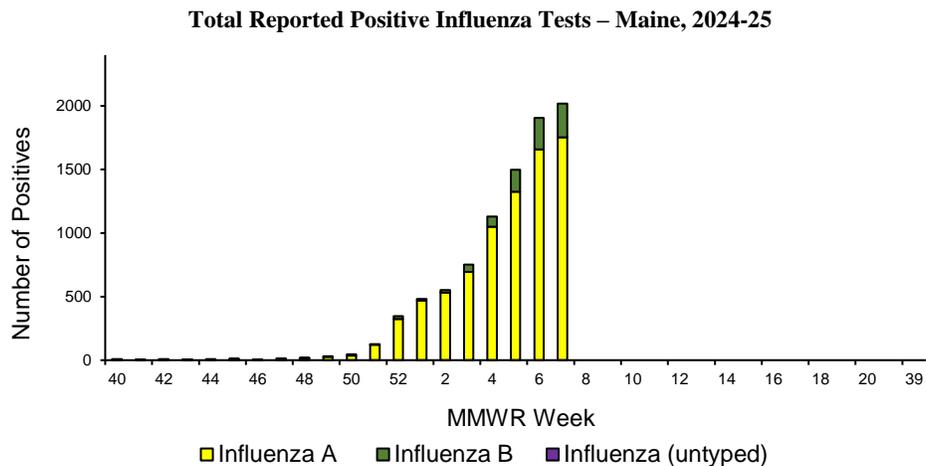
**Influenza Positive PCR Tests, HETL – Maine, 2024-25**



Maine Reference Laboratories	Week 7	2024-25 Season
No. of specimens tested	-	22,260
No. of positive specimens (%)	-	2,182 (10%)
<i>Positive specimens by type</i>		
Influenza A	-	2,060 (94%)
Influenza B	-	122 (6%)



All Reported Laboratory Results	Week 7	2024-25 Season
No. of specimens positive by antigen test	355	1,902
No. of specimens positive by molecular test	1,664	7,063
<i>Positive specimens by type</i>		
Influenza A	1,754 (87%)	8,053 (90%)
Influenza B	265 (13%)	912 (10%)



## Antigenic Characterization (Vaccine Strain Match)

US CDC characterizes antigenicity by how well antibodies made against the vaccine strains recognize circulating virus that have been grown in cell culture. Of the characterized viruses, the vaccine strain antibodies recognized:

- 100% of influenza A/H1N1 viruses were well-recognized by ferret antisera raised against the cell-grown A/Wisconsin/67/2022-like reference virus for the season
- 50.9% of influenza A/H3N2) viruses were well-recognized by ferret antisera raised against the cell-grown A/Massachusetts/18/2022-like reference virus for the season.
- 100% of influenza B/Victoria lineage viruses were well-recognized by ferret antisera raised against the cell-grown B/Austria/1359417/2021-like reference virus.
- No influenza B/Yamagata samples were available for characterization

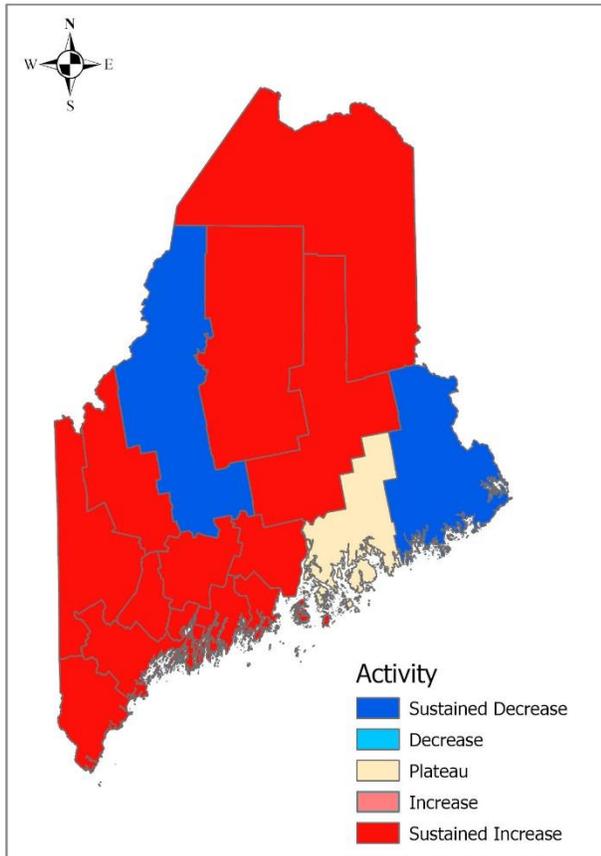
### Weekly County-level Influenza, Maine, Week 7

County	Positive labs	Hospitalizations	Activity Trend	Severity Estimate <sup>§</sup>
Androscoggin	158	21	Sustained Increase	High
Aroostook	92	6	Sustained Increase	Moderate
Cumberland	277	28	Sustained Increase	Moderate
Franklin	45	2	Sustained Increase	Moderate
Hancock	75	5	Plateau	High
Kennebec	140	15	Sustained Increase	High
Knox	43	1	Sustained Increase	Low
Lincoln	28	2	Sustained Increase	Moderate
Oxford	98	5	Sustained Increase	Moderate
Penobscot	353	17	Sustained Increase	Moderate
Piscataquis	64	6	Sustained Increase	Very High
Sagadahoc	36	1	Sustained Increase	Moderate
Somerset	130	4	Sustained Decrease	High
Waldo	72	2	Sustained Increase	Moderate
Washington	45	5	Sustained Decrease	Very High
York	372	25	Sustained Increase	Moderate
<b>Total</b>	<b>2028</b>	<b>145</b>	-	-

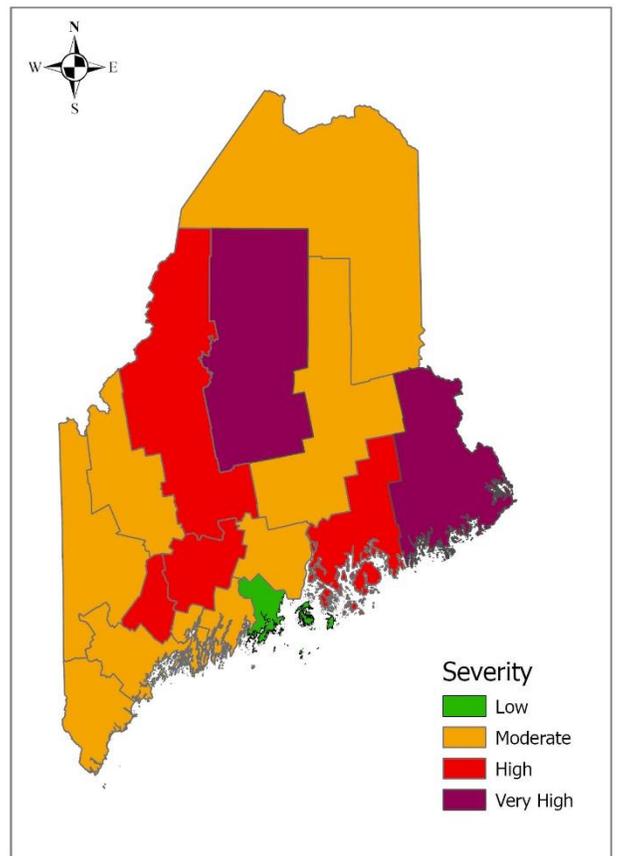
\*Activity trends are determined by county-level emergency department visits due to ILI. Activity trend levels include “sustained increase”, “increase”, “plateau”, “decrease”, and “sustained decrease.” This will become available when enough weeks of data have been collected.

<sup>§</sup>Severity is estimated using county-level P&I deaths, syndromic surveillance, and hospitalizations. Thresholds are calculated statewide from previous seasons’ data using the moving epidemic method, as described at <https://www.cdc.gov/flu/about/classifies-flu-severity.htm>

### Influenza Activity Trends, Maine, Week 7



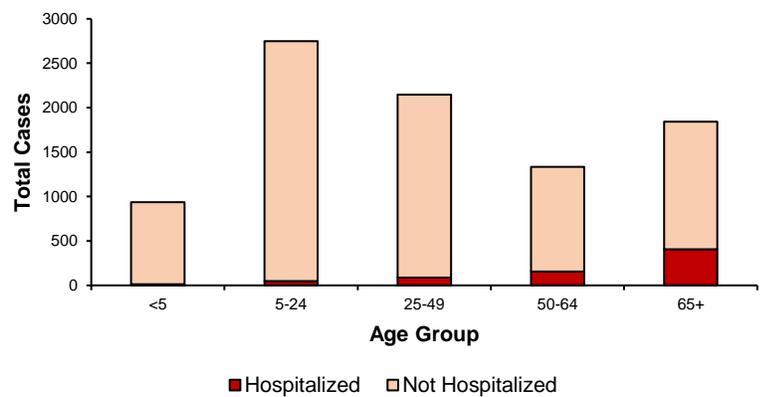
### Influenza Severity Estimates, Maine, Week 7



### Age Information – Maine, 2024-25 Influenza Season

	Age (years)		
	Min.	Mean	Max
Cases	< 1	37	104
Hospitalizations	<1	63	103
Deaths	42	78	103

Positive Influenza Tests by Age and Hospitalization Status – Maine, 2024-25



## Influenza-Like Illness Outbreaks – Maine, 2024-25 Influenza Season

Number of New Outbreak Investigations  
**25**

Total Outbreaks This Season  
**91**

### Outbreak Facility Type Key:

LTC - Long Term Care Facility

AC - Acute Care Facility (nosocomial)

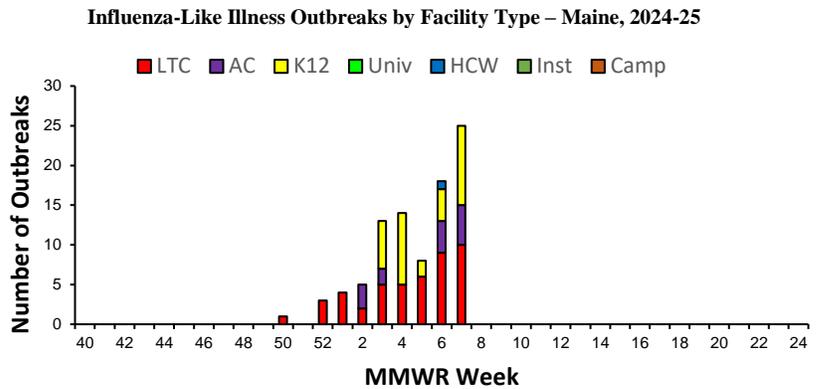
K12 - School (K-12) or daycare

Univ - School (residential) or University

HCW - Health care workers

Inst - Other institutions (workplaces, correctional facilities etc)

Camp - Camp



### Influenza-Like Illness Outbreak by Facility Type and County – Maine, 2024-25

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	1	3	1					5
Aroostook	3	1	3					7
Cumberland	17	5	3		1			26
Franklin								0
Hancock	1	1	3					5
Kennebec	2		4					6
Knox	1	1	2					4
Lincoln	1							1
Oxford	2		5					7
Penobscot	2	1						3
Piscataquis								0
Sagadahoc	1		1					2
Somerset			1					1
Waldo	2		2					4
Washington			5					5
York	12	2	1		1	0	0	15
<b>Total</b>	<b>45</b>	<b>14</b>	<b>31</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>91</b>

