Maine Weekly Influenza Surveillance Report

March 30, 2021

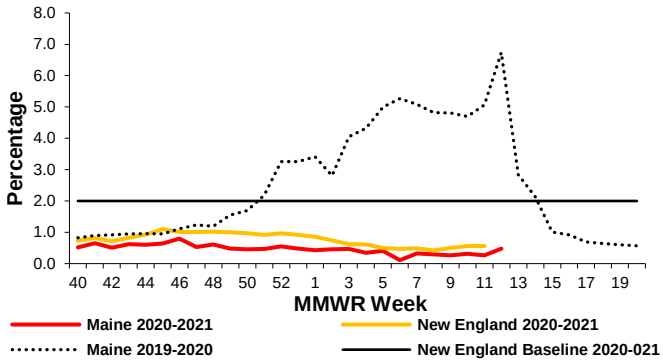
For MMWR week 12 (ending 3/27/2021)

Geographic Spread: Sporadic

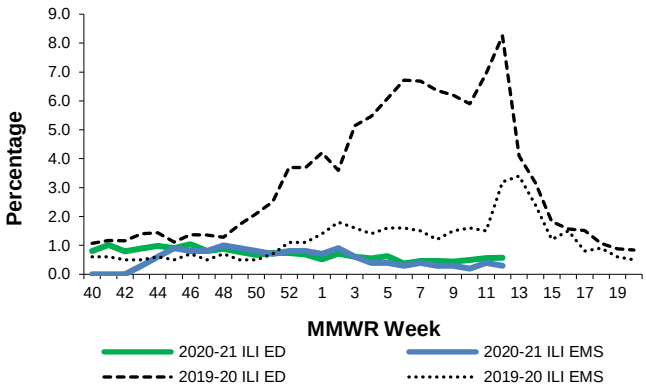
Surveillance Information – Maine, 2020-2021 Influenza Season

- Number of ILINet Providers reporting: 47
  - % of visits for Influenza-Like Illness (ILI): 0.48
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 0.57
  - % of Emergency Medical Services (EMS) runs for ILI: 0.3

Outpatient Visits for ILI – Maine, 2019-21



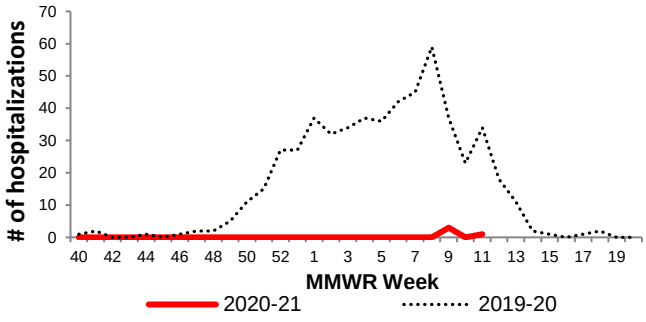
Syndromic Surveillance data for ILI – Maine, 2019-21



Influenza Hospitalizations

- # of hospitalizations: 0

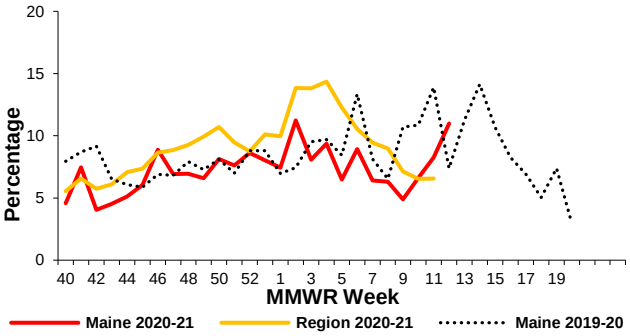
Influenza Hospitalizations – Maine, 2019-21



Pneumonia and Influenza (P&I) Deaths

- % of deaths due to P&I: 11.0
- # influenza deaths reported this week: 0
- Total influenza deaths this season: 0

Deaths Attributable to P&I – Maine, 2019-21



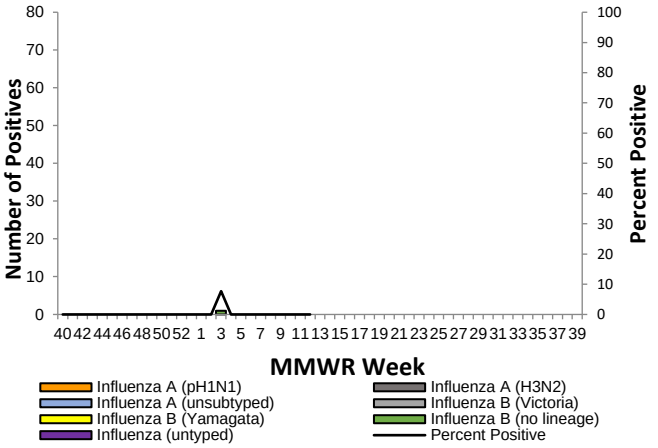
*This number represents the number of individuals who had influenza specifically listed on their death certificate. This is likely an underrepresentation of the true burden, as many influenza-associated deaths are due to secondary infections. This is why Maine CDC reports Pneumonia and Influenza (P&I)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

All data is preliminary and subject to change

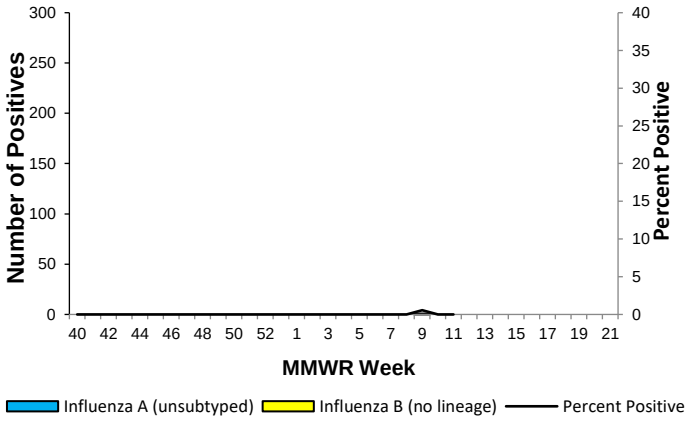
Lab Data – Maine, 2020-2021 Influenza Season

- # of samples tested at HETL: 1
  - # positive: 0
  - % positive: 0
- # of samples tested at Maine Reference Labs: 182
  - # positive: 0
  - % positive: 0
- # of samples positive by rapid antigen test: 4

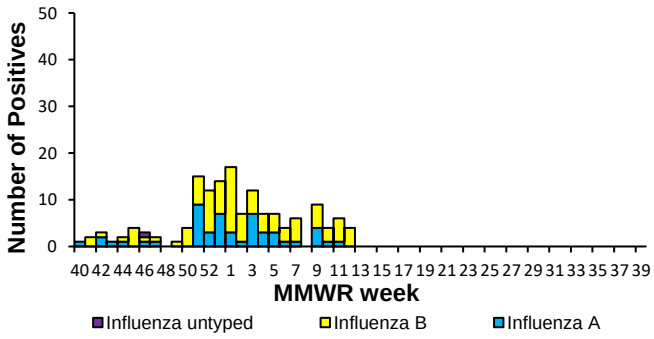
Positive PCR Samples for Influenza, HETL – Maine, 2020-21



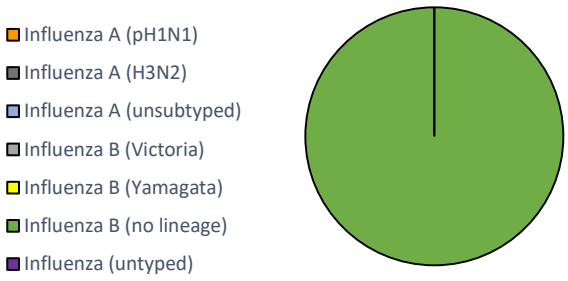
Positive Samples for Influenza, Maine Reference Labs – Maine, 2020-21



Total Reported Positive Influenza Tests – Maine, 2020-21



Cumulative Influenza Positive Tests by Strain, HETL – Maine, 2020-21



Antiviral Resistance – Maine, 2020-21 Influenza Season

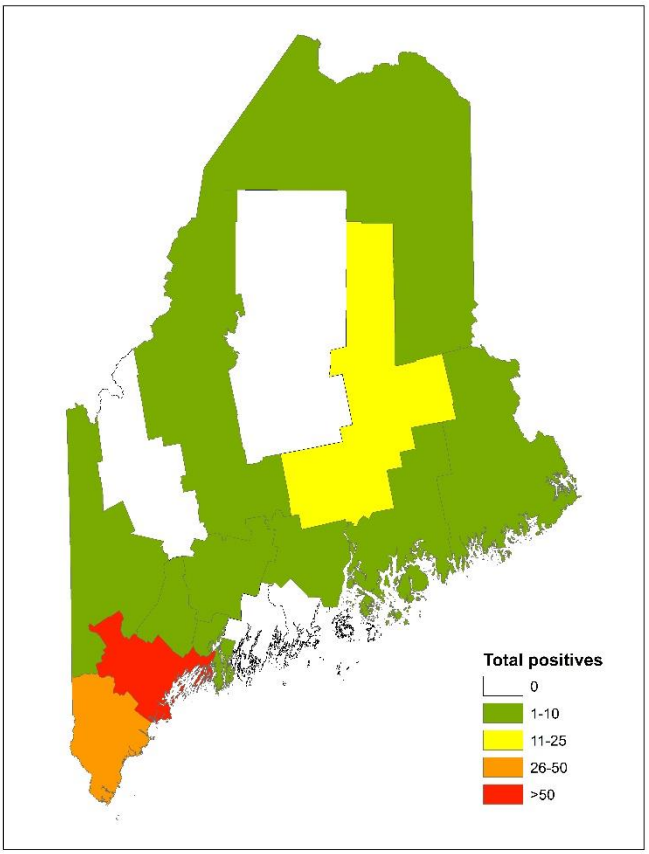
- Due to COVID-19 testing demands, pyrosequencing for antiviral resistance of influenza viruses will not be performed by HETL during the 2020-2021 influenza season. U.S. CDC will continue to perform pyrosequencing at a national level.

Geographic Distribution of Lab Tests, Maine 2020-21*

County	Positive labs		Hospitalizations	
	Tested this week	Total	New this week	Total
Androscoggin	0	8	0	0
Aroostook	1	5	0	0
Cumberland	2	71	0	0
Franklin	0	0	0	0
Hancock	0	7	0	0
Kennebec	0	4	0	0
Knox	0	0	0	0
Lincoln	0	0	0	0
Oxford	0	1	0	0
Penobscot	0	15	0	2
Piscataquis	0	0	0	0
Sagadahoc	0	2	0	0
Somerset	0	2	0	0
Waldo	0	3	0	0
Washington	0	1	0	1
York	1	34	0	1
Total	**4**	**153**	**0**	**4**

*Only reported PCR, culture, and rapid antigen tests are included in the chart and map.

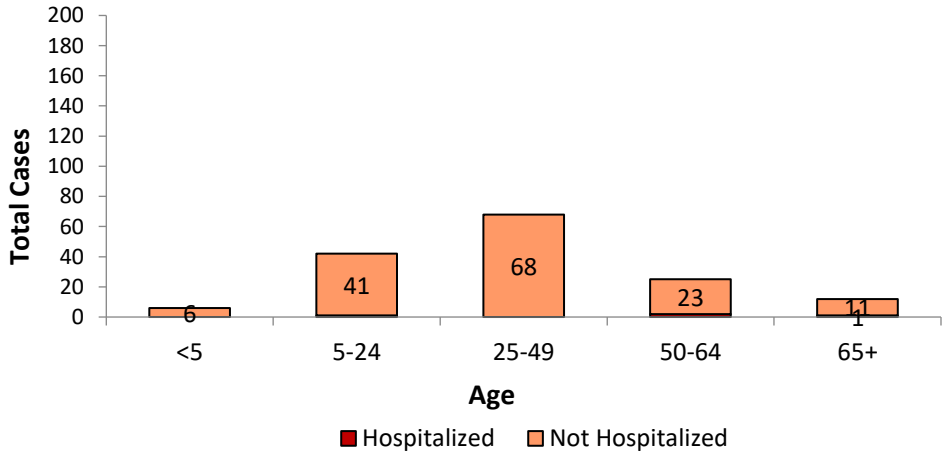
Positive Influenza Tests, Maine 2020-21



Age Information – Maine, 2020-21 Influenza Season

	Cases	Hospitalizations	Deaths
Minimum Age	0.6	18	NA
Mean Age	36	56	NA
Maximum Age	86	86	NA

Positive Influenza Tests by Age and Hospitalization Status – Maine, 2020-21



All data is preliminary and subject to change

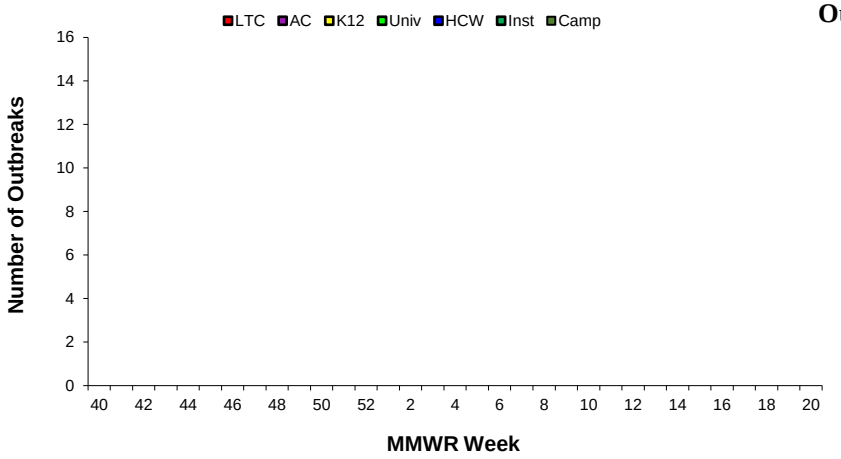
Antigenic Characterization (Vaccine Strain Match)

- Virus characterization data from U.S. CDC will be updated weekly starting later this season when sufficient numbers of specimens have been tested.

Influenza-Like Illness Outbreaks – Maine, 2020-21 Influenza Season

- # new outbreaks: 0
- Total outbreaks 2020-21 season: 0

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2020-21



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, 2020-21

County	LTC	AC	K12	Univ	HCW	Inst	Camp	Total
Androscoggin	0	0	0	0	0	0	0	0
Aroostook	0	0	0	0	0	0	0	0
Cumberland	0	0	0	0	0	0	0	0
Franklin	0	0	0	0	0	0	0	0
Hancock	0	0	0	0	0	0	0	0
Kennebec	0	0	0	0	0	0	0	0
Knox	0	0	0	0	0	0	0	0
Lincoln	0	0	0	0	0	0	0	0
Oxford	0	0	0	0	0	0	0	0
Penobscot	0	0	0	0	0	0	0	0
Piscataquis	0	0	0	0	0	0	0	0
Sagadahoc	0	0	0	0	0	0	0	0
Somerset	0	0	0	0	0	0	0	0
Waldo	0	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0	0
York	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

National Influenza Surveillance Data
Source: https://www.cdc.gov/flu/weekly/



Note: Due to COVID-19, states are not required to report influenza geographic spread to U.S. CDC during the 2020-2021 influenza season.