

**Public Health Nursing, Contact Tracing, and Epidemiology Report
January 7, 2026, Board of Health Meeting**

Report submitted by Gisela Yeboah December 23, 2025.

A. Seasonal respiratory viruses

Seasonal Respiratory Virus Cases Reported				
	Nov. 2025	Dec. 2025*	2025*	2024
Influenza	30	370	1783	1047
Novel coronavirus (SARS, MERS, etc.)	56	89	1249	2471

**Up to date as of December 22, 2025*

Data obtained from the Massachusetts Virtual Epidemiological Network (MAVEN). Includes confirmed, probable, and suspected disease cases.

Highlights

- Approximately 26.8% of Lowell residents have been vaccinated against Influenza, while 5.1% have been vaccinated against COVID-19.
- For the week of December 7–13, 2025, Massachusetts statewide influenza-like illness activity is classified as High, while overall influenza severity statewide remains Low for the same period.
- Statewide laboratory surveillance indicates that the predominant circulating influenza strain is Influenza A (unsubtyped).

Access MDPH’S full respiratory illness reporting dashboard here

<https://www.mass.gov/info-details/respiratory-illness-reporting>

B. Arboviral diseases

Arboviral Disease Cases Reported				
	Nov. 2025	Dec. 2025*	2025*	2024
Arbovirus (other)	0	0	0	1
Babesiosis	1	0	4	1
Borrelia miyamotoi infection	1	1	2	1
Dengue fever	1	0	1	0
Eastern Equine Encephalitis (EEE)	0	0	0	0
Encephalitis	0	0	1	0
Human granulocytic anaplasmosis (HGA)	2	0	9	6
Lyme Disease	3	1	45	57
Malaria	1	0		4
Powassan Virus	0	0	0	0
West Nile Virus	0	0	0	0

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C. Foodborne / gastrointestinal (GI) illnesses

Foodborne / Gastrointestinal (GI) Illness Cases Reported				
	Nov. 2025	Dec. 2025*	2025*	2024
Amebiasis	0	0	0	1

Calicivirus/Norovirus	1	1	47	36
Campylobacteriosis	3	0	26	25
Cryptosporidiosis	0	0	4	2
Cyclosporiasis	0	0	1	0
Enterovirus	1	1	3	0
Giardiasis	0	0	17	55
Salmonellosis	1	1	20	12
Shiga toxin-producing E. coli (STEC)	1	0	5	4
Shigellosis	0	0	5	9
Vibrio	0	0	3	5
Yersiniosis	0	0	3	4

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D. Other diseases

Other Disease Cases Reported				
	Nov. 2025	Dec 2025*	2025*	2024
Brucellosis	0	0	0	0
Group A streptococcus	2	3	31	10
Group B streptococcus	0	0	6	6
Haemophilus influenzae	0	0	2	5
Hepatitis A	0	0	3	1
Hepatitis B	42	31	515	706
Hepatitis C	4	1	40	56
Hepatitis D	0	0	0	2
Legionellosis	0	0	1	1
Measles (suspect)	0	1	1	0
Melioidosis	0	0	0	0
Meningococcal disease	0	0	0	1
Mpox	0	0	3	0
Mumps	0	0	1	1
Pertussis/other Bordetella species	1	0	3	3
Streptococcus pneumoniae	1	0	5	2
Varicella	0	0	13	10
Viral Meningitis (aseptic)	0	0	2	2

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E. Tuberculosis (TB)

TB Point-in-time snapshot (December 22, 2025)

- 8 cases on treatment for TB disease

- o 2 initiated treatments since last report
- o 1 transferred to Lowell since last report
- o 2 completed treatment since last report
- 3 cases to be revoked pending final culture results

	Jan. 2025	Feb. 2025	Mar. 2025	Apr. 2025	May 2025	Jun. 2025	Jul. 2025	Aug. 2025	Sep. 2025	Oct. 2025	Nov. 2025	Dec 2025*	2025*	2024
TB disease cases reported (suspected and confirmed)	1	1	3	2	3	0	1	4	2	1	2	5	25	16
TB disease cases reported (revoked)	0	0	2	3	3	0	1	0	1	1	0	0	11	10
Contacts reported	1	11	1	0	0	1	0	5	3	3	5	0	30	29
TB infection (LTBI) cases reported	89	77	81	77	64	75	74	88	66	78	64	43	876	870

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Immunizations

	Jan. 2025	Feb. 2025	Mar. 2025	Apr. 2025	May 2025*	Jun. 2025	Jul. 2025	Aug. 2025	Sep. 2025	Oct. 2025	Nov. 2025	Dec.2025*	Current flu season	2025*
COVID-19	0	0	1	1	0	0	0	0	0	27	5	4	36	34
Flu	3	2	2	2	0	1	0	0	1	283	22	8	313	315
Hep A	0	0	0	0	1	0	0	0	0	0	0	0	n/a	0
Hep B	x	x	x	x	x	x	x	x	x	x	x	1	n/a	1
MMR	0	0	0	0	0	1	1	3	0	1	0	1	n/a	6
Polio	x	x	x	x	x	x	x	x	x	x	x	1	n/a	1
Tdap	x	x	x	x	x	x	x	x	x	x	x	1	n/a	1
Varicella	x	x	x	x	x	x	x	x	x	x	x	2	n/a	2
Given in-home	0	0	0	0	0	0	0	0	1	6	0	0	7	7

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Data obtained from the Massachusetts Immunization Information System

- Flu vaccines are still available from the health department regardless of patient insurance status. COVID vaccine still available for uninsured/underinsured individuals.
- Now the health department has Tdap, Varicella, Hep B, and Polio vaccines for uninsured/underinsured individuals.