

Board of Health report
 Lowell Health Department - Public Health Nursing Division
 December 2022

*Submitted by Health and Human Services Director
 Lisa Golden*

Communicable Diseases Reported

Note: Totals are a combination of confirmed, contact, probable, revoked, and suspect events unless otherwise specified.

Disease	December 2022	2022 total	2021 total
Amebiasis	0	0	0
Anthrax	0	0	0
Arbovirus	0	0	0
Babesiosis	0	1 revoked	2
Borrelia miyamotoi infection	0	0	0
Botulism	0	0	0
Calicivirus/Norovirus	0	3 confirmed	4
Campylobacteriosis	1 confirmed	11 confirmed	12 3 probable
Clostridium perfringens	0	1 revoked	0
Cryptococcus neoformans	0	0	0
Cryptosporidiosis	1 probable	2 confirmed 5 probable	
Cyclosporiasis	0	0	0
Dengue Fever	0	1 revoked	0
Ehrlichiosis	0	0	0
Encephalitis	0	1 suspect	1 suspect
Enterovirus	0	0	0
Giardiasis	0	3 confirmed 16 probable	6 2 probable
Group A Streptococcus	1 confirmed 8 revoked	3 confirmed 44 revoked 1 suspect	7 1 suspect 29 revoked

Group B Streptococcus	4 confirmed 24 revoked	13 confirmed 198 revoked	6 4 revoked
Haemophilus Influenzae	1 revoked	4 confirmed 1 revoked	1
Hepatitis A	0	1 confirmed	1 suspect
Hepatitis B	1 confirmed 4 contact 1 probable	4 confirmed 12 contact 45 probable 1 revoked	16 21 contact 43 probable 6 revoked 2 suspect
Hepatitis C	4 confirmed 12 probable 1 revoked	42 confirmed 81 probable 45 revoked	39 44 probable 103 revoked
Hepatitis D	0	0	1 suspect
Human Granulocytic Anaplasmosis	0	1 confirmed 1 revoked	2 suspect
Influenza	656 confirmed 4 suspect	1427 14 suspect	239 1 contact 1 suspect
Invasive bacterial infection (other)	0	1 suspect	0
Legionellosis	0	0	4
Lyme Disease	2 suspect	3 probable 36suspect	34 suspect
Malaria	0	2 confirmed	6
Measles	0	0	1 revoked
Meningitis – Unknown Type	1 suspect	1 confirmed 2 suspect	2 suspect
Meningococcal Disease	0	0	0
Monkeypox	0	6 confirmed 9 contact 5 probable 6 revoked	0
Mumps	0	2 confirmed	1 revoked

Novel coronavirus (SARS, MERS, etc.)	804 confirmed 94 probable 2 suspect 1 Revoked	15360 confirmed 15 contact 2054 probable 21 revoked 106 suspect	15182 4003 contact 1286 probable 45 revoked 190 suspect
Pertussis (and other Bordatella species)	0	1 confirmed	1
Rocky Mountain Spotted Fever	0	0	0
Rubella	0	1 revoked	0
Salmonellosis	0	9 confirmed	11
Shiga toxin producing organism	0	2 probable	1 suspect
Shigellosis	0	5 confirmed	1
Streptococcus pneumoniae	0	1 confirmed	2
Toxoplasmosis	0	0	0
Varicella	0	6 probable 4 suspect	3 probable 2 revoked 7 suspect
Vibrio sp.	0	1 confirmed	0
Viral Hemorrhagic Fevers	20 contact	34 contact	5 contact 2 revoked
Viral Meningitis (aseptic)	0	2 suspect	7 suspect
West Nile Virus Infection	0	1 revoked	1 revoked
Yersiniosis	0	0	1
Zika Virus Infection	0	0	0

**denotes case is connected to a foodborne illness investigation*

Tuberculosis Cases Reported

Disease	December 2021	December 2022	2022 total	2021 total
TB LTBI	46 confirmed 13 suspect 1 revoked 1 contact	41 confirmed 2 suspect	511 confirmed 39 suspect 24 contact	432 confirmed 59 suspect 2 revoked

			Revoked 13 7 revoked	29contact
TB Active	1confirmed 2 revoked	0	6 confirmed 2 suspect 4 revoked	9 confirmed 8 revoked

Estimated **8 DOTs** done in August (both via Teams and in person)

Refugee Arrivals

	December 2021	December 2022	2022 YTD	2021 Total
Total families	30	2	47	78
Total persons	81	1	112	193

B-waivers:

PHNs completed home visit and referral process to 3 B-waivers this month.

Immunizations

Note: immunizations are counted by the number of *patients* vaccinated. For multi-dose vaccines (such as the Moderna and Pfizer bivalent vaccines)

Vaccine	November 2021	December 2022	2022 YTD	2021 total
Influenza	8	30	258	189
COVID-19	97	22	253	5741

Public Health Nurse Activities

- Attended CDC and DPH and other organizations webinars.
- At home flu/COVID-19 shots for homebound Lowell residents.
- Flu clinic was held at the Dwelling House of Hope on 12/17/2022

Public Health Nurse Manager / Director Activities

- a. Staffing
 - i. New PHN manager hired.
 - ii. Candidate interviewed for the 3rd PHN position.
- b. Vaccination

- i. Held weekly clinic on Tuesday evenings from 3pm-7pm at the Health Department
- ii. Attended weekly meeting with DPH vaccine coordinators and bi-weekly meeting Vaccine Equity Outreach and Engagement meeting
- iii. The Public Health Nursing Division is now offering flu /Bivalent vaccines (walk-ins and by appointment) Tuesday clinic hours.