

Lowell Health Department Public Health Nursing

July 2018

Submitted by Colleen da Silva, RN, Public Health Nurse Manager

Communicable Diseases Reported

<u>Disease</u>	<u>July 2017</u>	<u>July 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
Amebiasis			2	1	
Anthrax					1
Arbovirus	1		1	1	1
Babesiosis	1		5	3	2
Calicivirus/Norovirus	1		4	3	3
Campylobacteriosis	1		17	5	6
Clostridium perfringens			1	1	9
Cryptococcus neoformans			1		1
Cryptosporidiosis	2		11	9	11
Dengue Fever			4	3	
Ehrlichiosis	2		2	3	
Enterovirus			1	1	
Giardiasis	2	1	14	11	
Group A Streptococcus	9	4	62	46	32
Group B Streptococcus	2	1	15	1	11
Haemophilus Influenzae			2	1	1
Hepatitis A		1	4	1	3
Hepatitis B	17	16	159	86	143
Hepatitis C	35	28	232	170	186
Hepatitis D			1		
Human Granulocytic Anaplasmosis	1		5	3	6
Influenza			837	749	1517
Legionellosis		1	2		1
Lyme Disease	11	9	81	51	36
Malaria			13	6	
Measles			3	1	2
Meningitis – Unknown Type			1	1	1
Meningitis – Under Investigation					1
Mumps			1	1	
Pertussis (and other Bordatella species)			8	5	
Rocky Mountain Spotted Fever		1	2		1
Rubella			1	1	
Salmonellosis	6	2	22	15	9 (+1*)
Shiga toxin producing organism	1		5	3	1

Shigellosis	2		7	5	
Streptococcus Pneumoniae	1		14	11	11
Tickborne (other)					1
Toxoplasmosis					1
Varicella	2	1	1	9	8
Viral Meningitis (aseptic)					1
West Nile Virus Infection	1			1	
Yersiniosis				1	
Zika Virus Infection	7			23	1

*denotes case is connected to a foodborne illness investigation

Tuberculosis Cases Reported

	<u>July 2017</u>	<u>July 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
TB LTBI	33	21	450	240	216
TB Active	1		14	10	20
B1 Waivers	1		15	10	5

Total of 41 DOTs done in July 2018

Refugee Arrivals

Total Families/Total Persons

<u>July 2017</u>	<u>July 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
1/3	1/8	54/121	46/86	15/47

Immunizations

<u>Vaccine</u>	<u>July 2017</u>	<u>July 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>

All vaccinations have been suspended until further notice due to malfunction of vaccine refrigerator.

Public Health Nurse Activities

Attended Mass. Assn. of Public Health Nurses meeting at Tewksbury State Hospital

Provided education at Senior Center regarding skin cancer and sun awareness

Attended Massachusetts Immunization Information System (MIIS) training

Participated in tour of Mass. Emergency Management Agency (MEMA) bunker in Framingham

Provided DOTs to active TB cases

Attended TB Clinic with active TB cases and B waivers

Conducted contact investigations for new active TB patients

Consulted with MDPT TSA (Tuberculosis Surveillance Area) nurse regarding new active TB cases

Investigated communicable diseases reported in Lowell residents

Provided information, referrals, and education to community residents and medical providers who contact the Health Department

Communicated with Animal Control regarding animal bites/rabies testing

Provided education and guidance to physician's offices regarding TB and communicable diseases.

Public Health Nurse Manager Activities

Participated in Board of Governors' meeting for Health and Medical Care Coalition (HMCC) at International Institute of Greater Lawrence (IIGL, fiscal agent)

Attended webinar on Investigation of Potential Rabies Exposure

Acted as guest lecturer for UMass Lowell senior nursing students (presented on tuberculosis in regards to public health)

Participated in tour of Mass. Emergency Management Agency (MEMA) bunker in Framingham

Attended Mass. Assn. of Public Health Nurses meeting at Tewksbury State Hospital

Provided DOTs to active TB case

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