

Lowell Health Department Public Health Nursing

April 2018

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

Communicable Diseases Reported

<u>Disease</u>	<u>April 2017</u>	<u>April 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
Amebiasis			2		
Arbovirus			1		1
Babesiosis			5	2	2
Calciavirus/Norovirus	2		4	2	3
Campylobacteriosis		3	17	2	5
Clostridium perfringens			1	1	
Cryptococcus neoformans			1	1	
Cryptosporidiosis	1	2	11	4	5
Dengue Fever			4	2	
Ehrlichiosis			2		1
Enterovirus			1	1	
Giardiasis		2	14	8	8
Group A Streptococcus	4	2	62	24	19
Group B Streptococcus	1	1	15	7	6
Haemophilus Influenzae	1		2	1	1
Hepatitis A	1		4	1	
Hepatitis B	11	16	159	39	65
Hepatitis C	14	30	232	90	91
Hepatitis D			1		
Human Granulocytic Anaplasmosis	1	1	5	1	2
Influenza	125	78	837	728	1510
Legionellosis			2		1
Lyme Disease	10	5	81	20	14
Malaria			13	4	
Measles			3	3	2
Meningitis – Unknown Type			1		
Mumps	1		1	1	
Pertussis (and other Bordatella species)	1		8	3	
Rocky Mountain Spotted Fever			2		
Rubella	1		1	1	
Salmonellosis	1		22	6	1
Shiga toxin producing enzyme			5		
Shigellosis			7	3	
Streptococcus Pneumoniae	2	2	14	8	9

Toxoplasmosis					
Varicella	2	1	1	4	4
Viral Meningitis (aseptic)					1
West Nile Virus Infection					
Yersiniosis				1	
Zika Virus Infection	3			28	1

*denotes case is connected to a foodborne illness investigation

Tuberculosis Cases Reported

	<u>April 2017</u>	<u>April 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
TB LTBI	29	33	450	110	135
TB Active		5	14	4	11
B1 Waivers	1	8	15	6	12

Total of 17 DOTs done in April 2018

Refugee Arrivals

Total Families/Total Persons

<u>April 2017</u>	<u>April 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
5/9	1/5	54/121	25/56	10/30

Immunizations

<u>Vaccine</u>	<u>April 2017</u>	<u>April 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 Narcan training at Tewksbury Public Library

Met with Lowell General Hospital Infection Control nurses and MDPH Tuberculosis Surveillance Area (TSA) nurse to foster understanding of each other's roles in TB management in the city and to develop common understanding of how active TB cases are reported by the hospital.

Attended training on Engaging with Homeless Populations

Mentored two nursing students who are in their Community Health clinical rotation at Middlesex Community College

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

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 Narcan training at Tewksbury Public Library

Attended Service Zone Plan meeting

Participated in Family Resource Fair held at the Rogers School

Attended training on Engaging with Homeless Populations

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

Met with Lowell General Hospital Infection Control nurses and MDPH Tuberculosis Surveillance Area (TSA) nurse to foster understanding of each other's roles in TB management in the city and to develop common understanding of how active TB cases are reported by the hospital.

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