

Lowell Health Department Public Health Nursing

November 2018

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

Communicable Diseases Reported

<u>Disease</u>	<u>Nov. 2017</u>	<u>Nov. 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
Amebiasis	1		2	2	
Anthrax					1
Arbovirus			1	1	1
Babesiosis			5	5	4
Borrelia miyamotoi infection					1
Calicivirus/Norovirus			4	4	3
Campylobacteriosis	2	1	17	17	14
Clostridium perfringens			1	1	1
Cryptococcus neoformans			1	1	1
Cryptosporidiosis	1	2	11	11	14
Dengue Fever			4	4	1
Ehrlichiosis			4	4	1
Enterovirus			1	1	
Giardiasis	1	1	16	15	14
Group A Streptococcus	2	7	62	59	58
Group B Streptococcus	1	1	15	13	13
Haemophilus Influenzae			2	2	1
Hepatitis A	1	1	4	4	6
Hepatitis B	12	23	159	110	197
Hepatitis C	20	28	232	220	206
Hepatitis D			1		
Human Granulocytic Anaplasmosis	1	1	5	5	10
Influenza	4	35	837	755	1572
Legionellosis	1		2	2	10
Lyme Disease	9	7	81	80	70
Malaria		1	13	13	1
Measles		2 confirmed 30 contact 4 revoked 1 suspect	2 contacts 1 revoked	2 contacts 1 revoked	2 confirmed 30 contacts 7 revoked 1 suspect
Meningitis – Unknown Type		3	1		1
Mumps			1		4
Pertussis (and other Bordatella species)			8	8	1
Rocky Mountain Spotted Fever			2	2	1

Rubella		1	1	1	1
Salmonellosis			22	22	17
Shiga toxin producing organism			5	5	1
Shigellosis			7	6	1
Streptococcus pneumoniae		4	14	10	16
Toxoplasmosis					1
Varicella			13	12	9
Viral Meningitis (aseptic)					1
West Nile Virus Infection			2	2	
Yersiniosis			1	1	
Zika Virus Infection	1		48	48	1

*denotes case is connected to a foodborne illness investigation

Tuberculosis Cases Reported

	<u>Nov. 2017</u>	<u>Nov. 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
TB LTBI	45	39	450	406	328
TB Active	2 confirmed 2 revoked	1 confirmed 3 revoked	13 confirmed 8 revoked	13 confirmed 6 revoked	9 confirmed 23 revoked
B1 Waivers	0	2	15	15	14

Total of 7 DOTs done in November 2018

2 B waiver home visits done in November 2018

Refugee Arrivals

Total Families/Total Persons

<u>Nov. 2017</u>	<u>Nov. 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
3/7	2/9	54/121	53/117	23/66

Immunizations

<u>Vaccine</u>	<u>Nov. 2017</u>	<u>Nov. 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
Influenza	59	27	275	202	367
Tdap			10	8	

Public Health Nurse Activities

Provided flu shots to City of Lowell Emergency Operations Center employees at the EOC.

Provided flu clinic at Lowell Transitional Living Center

Provided flu clinic at Cambodian Mutual Assistance Center

Participated in emergency response to measles outbreak at Lowell Community Health Center

Mentored student nurses from Middlesex Community College

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

Mentored student nurses from Middlesex Community College

Participated in planning for December's upcoming medication take back event

Provided flu shots to City of Lowell Emergency Operations Center employees at the EOC.

Provided flu clinic at Lowell Transitional Living Center

Provided flu clinic at Cambodian Mutual Assistance Center

Participated in emergency response to measles outbreak at Lowell Community Health Center

Obtained standing orders for MMR vaccine to be used in follow up to measles outbreak

Provided interview to Lowell Telecommunication Corp regarding measles outbreak

Attended quarterly meeting of Health and Medical Care Coalition (HMCC) at Holy Family Hospital in Haverhill

Attended Mental Health First Aid Training for Adults at Lowell General Hospital

Began interview process for open Public Health Nurse position

Investigated communicable diseases reported in Lowell residents

Provided DOTs to active TB case

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.