

**Lowell Health Department Public Health Nursing**

**June 2018**

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

**Communicable Diseases Reported**

<b><u>Disease</u></b>	<b><u>June 2017</u></b>	<b><u>June 2018</u></b>	<b><u>2017 Total</u></b>	<b><u>2017 YTD</u></b>	<b><u>2018 YTD</u></b>
Amebiasis	1		2	1	
Arbovirus			1		1
Babesiosis			5	2	2
Calciavirus/Norovirus			4	2	3
Campylobacteriosis			17	4	6
Clostridium perfringens			1	1	
Cryptococcus neoformans			1	1	
Cryptosporidiosis	1	2	11	7	9
Dengue Fever			4	4	
Ehrlichiosis	1		2	1	1
Enterovirus			1	1	
Giardiasis		2	14	8	10
Group A Streptococcus	6	2	62	37	28
Group B Streptococcus		3	15	10	10
Haemophilus Influenzae			2	1	1
Hepatitis A			4	1	2
Hepatitis B	11	54	159	59	133
Hepatitis C	31	64	232	132	172
Hepatitis D			1		
Human Granulocytic Anaplasmosis		2	5	2	6
Influenza		2	837	749	1517
Legionellosis			2		1
Lyme Disease	14	8	81	43	26
Malaria			13	6	
Measles			3	3	2
Meningitis – Unknown Type	1	1	1	1	2
Mumps			1	1	
Pertussis (and other Bordatella species)			8	5	
Rocky Mountain Spotted Fever			2		
Rubella			1	1	
Salmonellosis	2	4	22	10	8
Shiga toxin producing enzyme	2	1	5	2	1
Shigellosis			7	3	
Streptococcus Pneumoniae			14	9	11

Toxoplasmosis					1
Varicella	1	1	1	7	6
Viral Meningitis (aseptic)					1
West Nile Virus Infection					
Yersiniosis				1	
Zika Virus Infection	6		48	39	1

\*denotes case is connected to a foodborne illness investigation

### Tuberculosis Cases Reported

	<u>June 2017</u>	<u>June 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
TB LTBI	36	29	450	220	196
TB Active	1	4	14	9	19
B1 Waivers			15	10	5

Total of 28 DOTs done in June 2018

### Refugee Arrivals

#### Total Families/Total Persons

<u>June 2017</u>	<u>June 2018</u>	<u>2017 Total</u>	<u>2017 YTD</u>	<u>2018 YTD</u>
6/10	1/1	54/121	45/81	13/37

### Immunizations

<u>Vaccine</u>	<u>June 2017</u>	<u>June 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

Attended New England Public Health Conference in Kennebunkport, Maine

Attended New England TB Intensive Workshop for 3 days in Worcester

Attended CPR recertification class at Trinity EMS in Chelmsford

Provided DOTs to active TB cases

Attended TB Clinic with active TB cases and B waivers

Conducted contact investigations for new active TB patients

Attended TB Quarterly Meeting at Lowell General Hospital

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

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

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

### **Public Health Nurse Manager Activities**

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

Attended New Hampshire Emergency Preparedness Conference in Manchester, NH

Attended class on Shelter Planning for Persons with Access and Functional Needs at University of Massachusetts, Lowell

Attended Health and Medical Care Coalition Meeting in Haverhill, MA

Attended New England Public Health Conference in Kennebunkport, Maine

Attended Emergency Preparedness Coalition meeting in Dracut

Participated in Service Zone Plan meeting at Health Department

Participated in Medication Take Back event at Lowell Health Department

Attended CPR recertification class at Trinity EMS in Chelmsford

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

Provided DOTs to active TB case

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

Attended TB Quarterly Meeting at Lowell General Hospital