

**Lowell Health Department Public Health Nursing**

**January 2018**

**Communicable Diseases Reported**

<b><u>Disease</u></b>	<b><u>Jan. 2017</u></b>	<b><u>2017 Total</u></b>	<b><u>Jan. 2018</u></b>	<b><u>2018 YTD</u></b>
Amebiasis		2		
Arbovirus		1		
Babesiosis		5		
Calicivirus/Norovirus		4	2	2
Campylobacteriosis	2	17		
Clostridium perfringens		1		
Cryptococcus neoformans	2	1		
Cryptosporidiosis		11	3	3
Dengue Fever	1	4		
Ehrlichiosis		2		
Enterovirus		1		
Giardiasis	1	14	3	3
Group A Streptococcus		62	4	4
Group B Streptococcus	3	15	4	4
Haemophilus Influenzae		2		
Hepatitis A		4		
Hepatitis B	12	159	23	23
Hepatitis C	39	232	17	17
Hepatitis D		1		
Human Granulocytic Anaplasmosis		5		
Influenza	163	857	365	365
Legionellosis		2	1	1
Lyme Disease	2	81	4	4
Malaria	1	13		
Measles		3		
Meningitis – Unknown Type		1		
Mumps		1		
Pertussis (and other Bordatella species)	1	8		
Rocky Mountain Spotted Fever		2		
Rubella		1		
Salmonellosis	2	22		
Shiga toxin producing enzyme		5		
Shigellosis	1	7		
Streptococcus pneumoniae	1	14	2	2
Toxoplasmosis			1	1
Varicella		12		
Viral Meningitis (aseptic)				
West Nile Virus Infection		2		
Yersiniosis		1		
Zika Virus Infection	2	48		

\*denotes case is connected to a foodborne illness investigation

**Tuberculosis Cases Reported**

	<b><u>January 2017</u></b>	<b><u>2017 Total</u></b>	<b><u>January 2018</u></b>	<b><u>2018 YTD</u></b>
TB LTBI	42	450	25	25
TB Active	1	14	3	3
B1 Waivers		15		

51 DOTs done in total by 2 public health nurses and nurse manager

**January 2018 Refugee Arrivals**

**Total Families/Total Persons**

<b><u>January 2017</u></b>	<b><u>2017 Total</u></b>	<b><u>January 2018</u></b>	<b><u>2018 YTD</u></b>
9 families/17 persons	93 families/256 persons	2 families/8 persons	2 families/8 persons

**Immunizations**

<b><u>Vaccine</u></b>	<b><u>January 2017</u></b>	<b><u>2017 Total</u></b>	<b><u>January 2018</u></b>	<b><u>2018 YTD</u></b>
Seasonal Flu	4	328		
Tdap		25		

Walk in Flu/Tdap clinics have been suspended until further notice due to malfunction of vaccine refrigerator.

**Public Health Nurse Activities**

Met with Wellness Director at Lowell Transitional Living Center to begin planning for educational topics to be presented at shelter.

Provided a total of 51 DOT (Directly Observed Therapy) visits for active TB cases

Attended TB clinic every Tuesday with active TB cases

Conducted contact investigation for new active TB patient

Provided TSTs for three contacts to active TB patient

Consulted with MDPH TSA (Tuberculosis Surveillance Area) nurse regarding new active TB case

Investigated communicable diseases reported in Lowell residents

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

Communicated with Animal Control regarding animal bites/rabies testing

Provided education and guidance to physicians' offices regarding TB and communicable diseases

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

Met with Health Department Director and Emergency Preparedness Consultant to begin planning Emergency Dispensing Site (EDS) exercise to be conducted in March 2018.

Attended Upper Merrimack Valley Public Health Coalition meeting in Tewksbury

Met with Wellness Director at Lowell Transitional Living Center to begin planning for educational topics to be presented at shelter.

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

Attended TB clinic with active TB case

Investigated communicable diseases reported in Lowell residents

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

Communicated with Animal Control regarding animal bites/rabies testing

Provided education and guidance to physicians' offices regarding TB and communicable diseases

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