

**Lowell Health Department Public Health Nursing**

**November 2017**

**Communicable Diseases Reported**

<b><u>Disease</u></b>	<b><u>Nov. 2016</u></b>	<b><u>2016 Total</u></b>	<b><u>Nov. 2017</u></b>	<b><u>2017 YTD</u></b>
Amebiasis			1	2
Arbovirus (other)				1
Babesiosis	1			5
Calicivirus/Norovirus				4
Campylobacteriosis			1	16
Clostridium Perfringens				1
Cryptococcus neoformans				1
Cryptosporidiosis			1	11
Dengue Fever				4
Ehrlichiosis				4
Enterovirus				1
Giardiasis			1	13
Group A Streptococcus	3		2	59
Group B Streptococcus			1	13
Haemophilus influenza				2
Hepatitis A	1		1	4
Hepatitis B	6		20	134
Hepatitis C	24		21	213
Human Granulocytic Anaplasmosis	1		1	5
Influenza	12		4	755
Legionellosis			1	2
Lyme Disease	3		4	75
Malaria				13
Measles				3
Meningitis – Unknown Type				1
Mumps	1			1
Pertussis (and other Bordatella species)				8
Rocky Mountain Spotted Fever				2
Rubella				1
Salmonellosis	1			22
Shiga toxin producing enzyme				5
Shigellosis				6
Streptococcus pneumoniae	2			10
Varicella				13
Viral Meningitis (aseptic)	1			
West Nile Infection				2

Yersiniosis				1
Zika Virus Infection	5		1	48

\*denotes case is connected to a foodborne illness investigation

**Tuberculosis Cases Reported\***

	<b><u>November 2016</u></b>	<b><u>2016 Total</u></b>	<b><u>November 2017</u></b>	<b><u>2017 YTD</u></b>
TB LTBI	29	385	43	389
TB Active	0	4	4	15
B1 Waivers	1	6	0	15

\*some TB Active/LTBI data unavailable at this time due to reporting system technical issues

Total of 56 DOTs done by Public Health Nurses

**Month 2017 Refugee Arrivals**

**Total Families/Total Persons**

<b><u>November 2016</u></b>	<b><u>2016 Total</u></b>	<b><u>November 2017</u></b>	<b><u>2017 YTD</u></b>
8/10	93/256	1/2	51/112

**Immunizations**

<b><u>Vaccine</u></b>	<b><u>November 2016</u></b>	<b><u>2016 Total</u></b>	<b><u>November 2017</u></b>	<b><u>2017 YTD</u></b>
Seasonal Flu	197	329	52	254
Tdap	0	25	2	10

Walk in Flu Clinics are held every Thursday morning from 9 am – 11 am. Other times are available by appointment.

### **Public Health Nurses Activities**

Provided a total of 56 DOTs (Directly Observed Therapy) for active TB cases

Attended TB clinic every Tuesday with active TB cases

Organized and provided flu clinic at Cambodian Mutual Assistance Association

Attended conference at UMass Medical School “TB on the Move: Addressing TB in Mobile Populations”

Staffed Walk-In Flu/Tdap Clinics at the Health Department, every Wednesday from 2-4 pm and Thursdays from 9-11 am

Provided a total of 52 Flu and 2 Tdap vaccinations

Conducted contact investigation and testing for 3 new active TB cases

Conducted new TB patient visit at Lowell General Hospital

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

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 physician’s offices regarding TB and communicable diseases

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

Participated in Wednesday/Thursday Walk-In Flu/Tdap Clinics at Health Department

Conducted new TB patient visit at Lowell General Hospital

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

Met with Region 3C Emergency Preparedness Planner to discuss upcoming deliverables

Performed Site Activation and Staff Notification Drills for Region 3C Emergency Preparedness deliverables

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 physician's offices regarding TB and communicable diseases.

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