

Lowell Health Department Public Health Nursing

November 2019

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Communicable Diseases Reported

| <u>Disease</u> | <u>Nov. 2018</u> | <u>Nov. 2019</u> | <u>2018 Total</u> | <u>2018 YTD</u> | <u>2019 YTD</u> |
|--------------------------------------|-----------------------------------------|-------------------------|------------------------------------------|------------------------------------------|------------------------|
| Amebiasis | | | | | |
| Anthrax | | | 1 | 1 | |
| Arbovirus | | | 2 | 1 | 1 |
| Babesiosis | | | 4 | 4 | 1 |
| Borrelia miyamotoi infection | | | 1 | 1 | |
| Botulism | | | 1 | | |
| Calicivirus/Norovirus | | | 5 | 3 | 2 |
| Campylobacteriosis | 1 | 3 | 15 | 14 | 14 |
| Clostridium perfringens | | | 1 | 1 | |
| Cryptococcus neoformans | | | 1 | 1 | 1 |
| Cryptosporidiosis | 2 | | 19 | 14 | 10 |
| Cyclosporiasis | | | | | 1 |
| Dengue Fever | | | 1 | 1 | 2 |
| Ehrlichiosis | | 1 | 1 | 1 | 3 |
| Enterovirus | | | | | |
| Giardiasis | 2 | 1 | 16 | 15 | 25 |
| Group A Streptococcus | 6 | 5 | 59 | 57 | 50 |
| Group B Streptococcus | 1 | | 14 | 13 | 10 |
| Haemophilus Influenzae | | 1 | 1 | 1 | 2 |
| Hepatitis A | 1 | | 8 | 6 | 11 |
| Hepatitis B | 17 | 8 | 117 | 111 | 104 |
| Hepatitis C | 17 | 19 | 212 | 196 | 193 |
| Hepatitis D | | | | | 1 |
| Human Granulocytic Anaplasmosis | 2 | | 11 | 11 | 3 |
| Influenza | 37 | 24 | 1732 | 1575 | 1020 |
| Invasive bacterial infection (other) | | | 1 | 1 | 2 |
| Legionellosis | | | 11 | 10 | 9 |
| Lyme Disease | 9 | 2 | 74 | 72 | 65 |
| Malaria | 1 | | 2 | 1 | 3 |
| Measles | 1 confirmed 29 contacts 7 revoked | 1 suspect | 1 confirmed 29 contacts 10 revoked | 1 confirmed 29 contacts 10 revoked | 7 revoked |
| Meningitis – Unknown Type | | | 1 | 1 | 3 |
| Meningococcal Disease | | | | | 1 |

| | | | | | |
|------------------------------------------|------------------------|-----------|--------------------------------------|--------------------------------------|------------------------|
| Mumps | 2 suspect 1 revoked | 1 suspect | 1 probable 1 revoked 2 suspect | 1 probable 1 revoked 2 suspect | 1 suspect 1 revoked |
| Pertussis (and other Bordatella species) | | | 1 | 1 | |
| Rocky Mountain Spotted Fever | | | 1 | 1 | |
| Rubella | 1 | | 1 | 1 | |
| Salmonellosis | | | 18 | 17 | 20 |
| Shiga toxin producing organism | | | 1 | 1 | |
| Shigellosis | | | 1 | 1 | 1 |
| Streptococcus pneumoniae | 4 | | 19 | 16 | 5 |
| Toxoplasmosis | | | 1 | 1 | |
| Varicella | | | 9 | 9 | 15 |
| Viral Meningitis (aseptic) | | | 1 | 1 | 2 |
| West Nile Virus Infection | | 1 | | | 1 |
| Yersiniosis | | | | | |
| Zika Virus Infection | | | 1 | 1 | |

*denotes case is connected to a foodborne illness investigation

Tuberculosis Cases Reported

| | <u>Nov. 2018</u> | <u>Nov. 2019</u> | <u>2018 Total</u> | <u>2018 YTD</u> | <u>2019 YTD</u> |
|------------|------------------|--------------------------|---------------------------|---------------------------|-----------------------------------------|
| TB LTBI | 34 | 26 | 342 | 317 | 343 |
| TB Active | 3 revoked | 1 confirmed 1 revoked | 9 confirmed 19 revoked | 9 confirmed 19 revoked | 10 confirmed 11 revoked 1 suspect |
| B1 Waivers | 2 | 0 | 14 | 14 | 9 |

Total of 34 DOTs done in November 2019

Refugee Arrivals

Total Families/Total Persons

| <u>Nov. 2018</u> | <u>Nov. 2019</u> | <u>2018 Total</u> | <u>2018 YTD</u> | <u>2019 YTD</u> |
|------------------|------------------|-------------------|-----------------|-----------------|
| 2/9 | 0/0 | 29/76 | 23/66 | 26/76 |

Immunizations

| <u>Vaccine</u> | <u>Nov. 2018</u> | <u>Nov. 2019</u> | <u>2018 Total</u> | <u>2018 YTD</u> | <u>2019 YTD</u> |
|-----------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|
| Influenza | 28 | 31 | 372 | 371 | 331 |
| Hepatitis A | 0 | 0 | 4 | 0 | 0 |

Public Health Nurse Activities

Participated in 2 flu clinics held at the Cambodian Mutual Assistance Association

Participated in flu clinic at Lowell House

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

Public Health Nurse Manager Activities

Begin planning for MDPH Emerging Infectious Disease table top exercise in January 2020

Participated in 2 flu clinics held at the Cambodian Mutual Assistance Association

Continued training new public health nurse

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

Participated in DOTs and PPD testing/reading with new public health nurse

Attended Tier II Emergency Management Team meeting at EOC