

Janet T. Mills
Governor

Jeanne M. Lambrew, Ph.D.
Commissioner



Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (800) 821-5821; Fax (207) 287-6865
TTY: Dial 711 (Maine Relay)

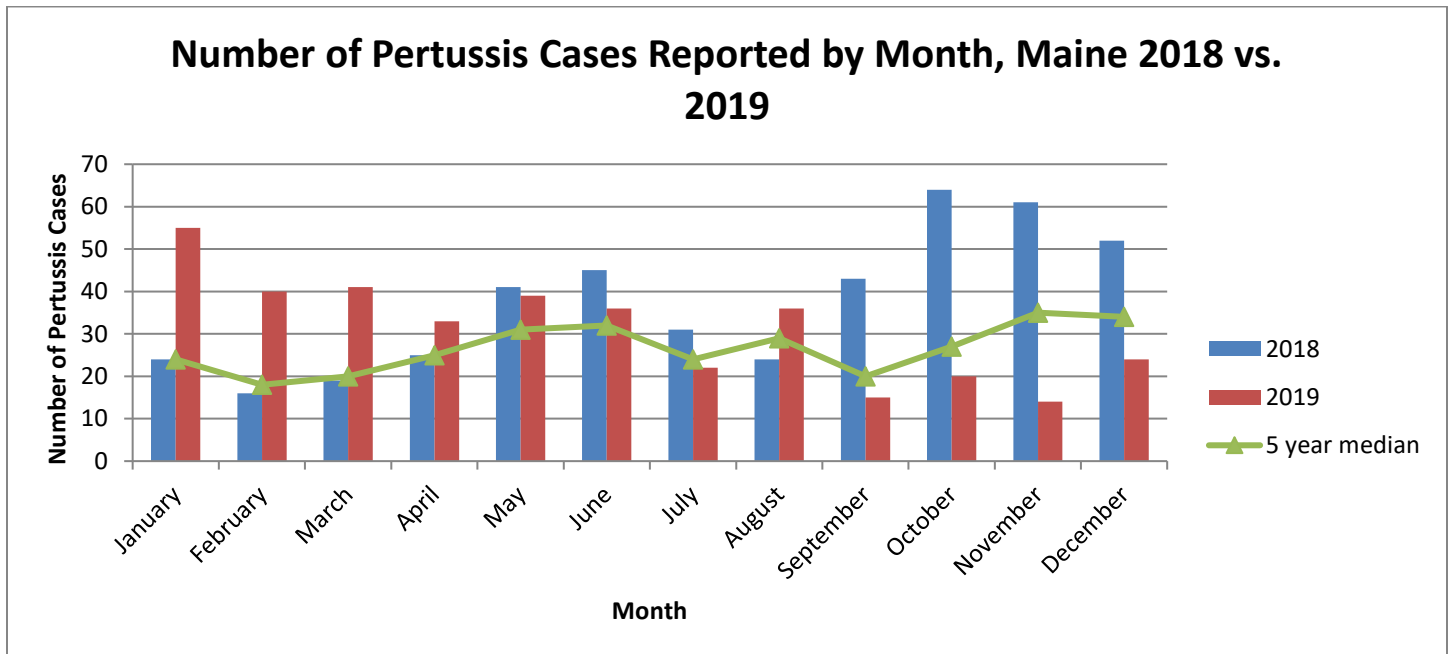
Maine Monthly Pertussis Surveillance Report

December 2019

Date of Report: January 17, 2020

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through December 31st, 2019. There were 24 pertussis cases reported statewide in December, compared to 52 reported cases in 2018 and a 5-year median of 34 during that same time (see below graph). Seven counties had rates of pertussis above the state rate: Cumberland, Hancock, Knox, Lincoln, Waldo, Washington and York. Year to date, most cases were in kids between the ages of 11-19 (48%), the average age was 14.3 years and the median age was 13 years.

One outbreak was reported in December in a K-12 school in Cumberland county.



- The clinical case definition and surveillance case definitions of pertussis are different, so the reported number of cases may seem lower than expected
- All data presented is preliminary and subject to change

Janet T. Mills
Governor

Jeanne M. Lambrew, Ph.D.
Commissioner



Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (800) 821-5821; Fax (207) 287-6865
TTY: Dial 711 (Maine Relay)

Table 1. 2019 Monthly Case Count, YTD Case Count and YTD Incidence Rate per 100,000

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Cases (YTD)	Incidence Per 100,000 (YTD)
Aroostook County	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Androscoggin County	4	1	3	0	0	2	0	0	1	0	0	2	13	12.1
Cumberland County	3	4	17	11	13	18	7	7	1	3	3	11	98	33.8
Franklin County	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Hancock County	16	9	5	4	8	4	6	9	4	0	0	0	65	118.9
Kennebec County	0	0	2	1	2	0	0	0	0	0	0	0	5	4.2
Knox County	2	4	1	1	8	8	3	3	1	0	2	0	33	82.8
Lincoln	2	4	2	1	0	1	1	1	0	0	0	0	12	35.3
Oxford County	0	1	0	1	1	0	1	4	1	0	0	0	9	15.7
Penobscot County	1	0	2	0	0	0	0	2	2	1	0	0	8	5.2
Piscataquis County	0	0	0	0	0	0	0	1	0	0	0	0	1	5.9
Sagadahoc County	1	0	0	0	0	0	0	0	0	0	0	0	1	2.8
Somerset County	0	1	0	0	0	0	0	0	1	0	0	0	2	3.9
Waldo County	10	11	4	5	3	1	1	3	0	1	4	4	47	120.0
Washington County	3	2	2	3	0	0	0	3	0	1	0	0	14	44.3
York County	13	3	3	6	4	2	3	3	4	14	5	7	67	33.3
Maine	55	40	41	33	39	36	22	36	15	20	14	24	375	28.2

Table 2. Pertussis cases by age group- Maine, Year to Date 2019

Age Group	# of Cases	Percent of Cases
< 6 Months	10	2.7%
6-11 Months	13	3.5%
1-6 Years	78	20.9%
7-10 Years	42	11.3%
11-19 Years	179	48.0%
≥ 20 Years	52	13.7%

**Demographics: Average age: 14.3 years,
Median age: 13 years. Min 1 month, Max 87
years**

51% Female, 49% Male

- The clinical case definition and surveillance case definitions of pertussis are different, so the reported number of cases may seem lower than expected
- All data presented is preliminary and subject to change

Janet T. Mills
Governor

Jeanne M. Lambrew, Ph.D.
Commissioner



Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (800) 821-5821; Fax (207) 287-6865
TTY: Dial 711 (Maine Relay)

Table 3. Pertussis Outbreaks by County and Facility Type- Maine, Year to Date 2019

County	Facility Type		
	School (K-12)	Daycare	Other
Cumberland	5		
Hancock	2		
Lincoln	2		
Washington			1
York	2		

Pertussis Prevention:

- The best way to prevent pertussis (whooping cough) among babies, children, teens, and adults is to get vaccinated.
 - For more information on pertussis vaccines visit <https://www.cdc.gov/pertussis/vaccines.html>
- Pertussis spreads by coughing and sneezing while in close contact with others, who then breathe in the bacteria. Practice good hand hygiene to prevent the spread of respiratory illnesses. To practice good hygiene, you should:
 - Cover your mouth and nose with a tissue when you cough or sneeze.
 - Put your used tissue in the waste basket.
 - Cough or sneeze into your upper sleeve or elbow, not your hands, if you don't have a tissue.
 - Wash your hands often with soap and water for at least 20 seconds or use an alcohol-based hand rub if soap and water are not available.

- The clinical case definition and surveillance case definitions of pertussis are different, so the reported number of cases may seem lower than expected
- All data presented is preliminary and subject to change