

Janet T. Mills
Governor

Jeanne M. Lambrew, Ph.D.
Commissioner



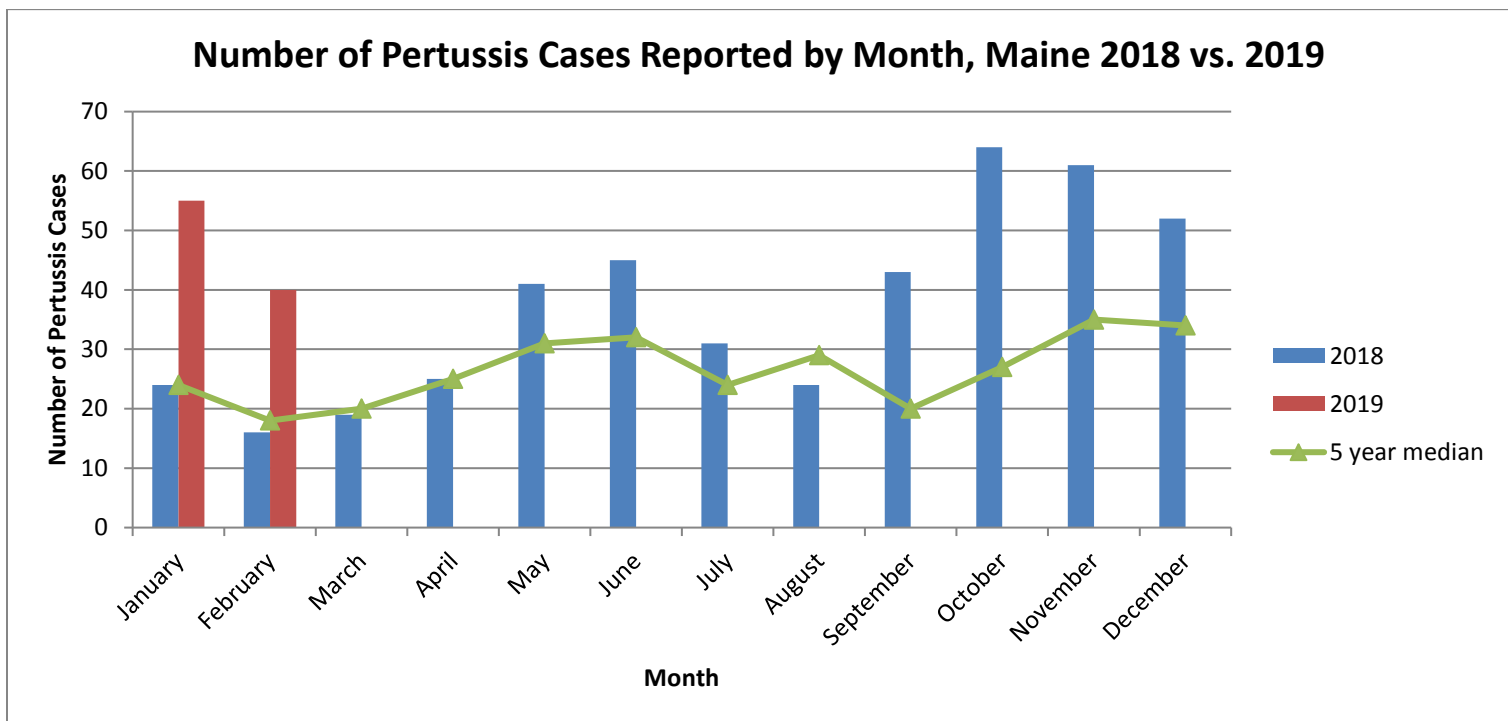
Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (207) 287-8016; Fax (207) 287-9058
TTY: Dial 711 (Maine Relay)

Maine Monthly Pertussis Surveillance Report February 2019

Date of Report: March 7, 2019

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through February 29th, 2019. There were 40 pertussis cases reported statewide in February, compared to 16 reported cases in 2018 and a 5 year median of 18 during that same time period (see below graph). Six counties had rates of pertussis above the state rate: Hancock, Knox, Lincoln, Waldo, Washington and York. Year to date, most cases were in kids between the ages of 11-19 (47.4%), the average age was 14.7 years and the median age was 13 years.

One outbreak was reported in February; it was in Lincoln county in a K-12 school.



- 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

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Table 1. 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	0	0											0	0.0
Androscoggin	4	1											5	4.7
Cumberland	3	4											7	2.4
Franklin	0	0											0	0.0
Hancock	16	9											25	45.7
Kennebec	0	0											0	0.0
Knox	2	4											6	15.1
Lincoln	2	4											6	17.7
Oxford	0	1											1	1.7
Penobscot	1	0											1	0.7
Piscataquis	0	0											0	0.0
Sagadahoc	1	0											1	2.8
Somerset	0	1											1	2.0
Waldo	10	11											21	53.6
Washington	3	2											5	15.8
York	13	3											16	8.0
Maine	55	40											95	7.1

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

Age Group	# of Cases	Percent of Cases
< 6 Months	2	2.1%
6-11 Months	2	2.1%
1-6 Years	24	25.3%
7-10 Years	10	10.5%
11-19 Years	45	47.4%
≥ 20 Years	12	12.6%

**Demographics: Average age: 14.7 years,
Median age: 13 years. Min 1 month, Max 71
years**

54% Female, 46% Male

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

County	Facility Type		
	School (K-12)	Daycare	Other
York	1		
Lincoln	1		

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.

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