

Maine Monthly Pertussis Surveillance Report March 2018

April 11, 2018

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through March 31st, 2018. There were a total of 59 pertussis cases reported statewide through March 31st 2018, compared to 98 reported cases in 2017 during that same time. As of March 31st 2018 four counties had rates of pertussis above the state rate: Penobscot, Sagadahoc, Waldo and York. Year to date, most cases (42%) were in children between the ages of 1 and 6 years of age, the average age was 8.2 years.

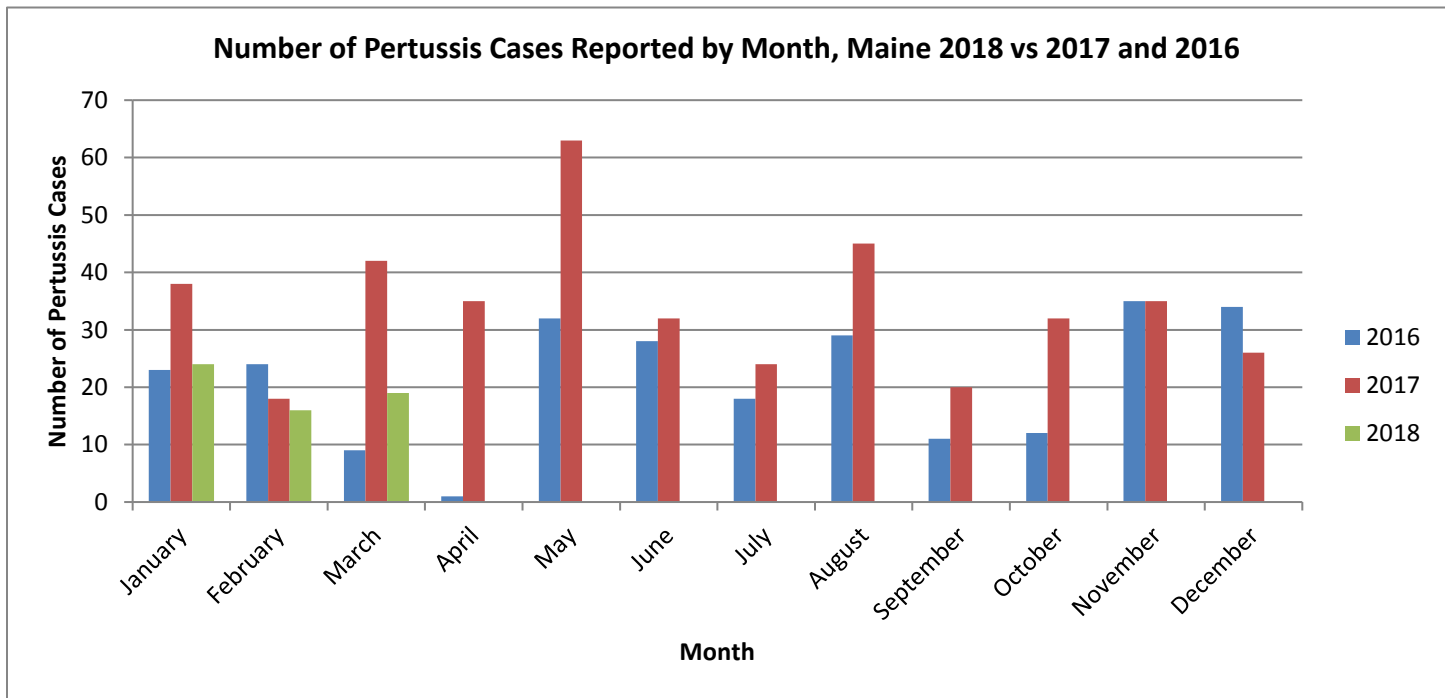


Table 2. Monthly Case Count, YTD Case Count and YTD Incidence Rate per 100,000

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Cases (YTD)	Incidence Per 100,000 (YTD)
Aroostook County	1	0	0										1	1.5
Androscoggin County	0	0	0										0	0.0
Cumberland County	5	2	2										9	3.1
Franklin County	0	0	0										0	0.0
Hancock County	0	0	0										0	0.0
Kennebec County	0	3	0										3	2.5
Knox County	0	0	0										0	0.0
Lincoln	0	0	0										0	0.0
Oxford County	0	0	0										0	0.0

- 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



Penobscot County	7	4	6										17	11.1
Piscataquis County	0	0	0										0	0.0
Sagadahoc County	1	1	0										2	5.7
Somerset County	0	0	0										0	0.0
Waldo County	6	4	8										18	46.0
Washington County	0	0	0										0	0.0
York County	4	2	3										9	4.5
Maine	24	16	19										59	4.4

Table 2. Pertussis cases by age group- Maine, Year to Date 2018

Age Group	# of Cases	Percent of Cases
< 6 Months	5	8.5%
6-11 Months	3	5.1%
1-6 Years	25	42.4%
7-10 Years	3	5.1%
11-19 Years	20	33.9%
≥ 20 Years	3	5.1%

Demographics: Average age: 8.5 years
 47% Female, 53% Male

Table 3. Pertussis Outbreaks by County and Facility Type- Maine, Year to Date 2018

County	Facility Type	
	School (K-12)	Other
Penobscot	1	

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