

Maine Monthly Pertussis Surveillance Report April 2018

May 21st 2018

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through April 30th, 2018. There were a total of 84 pertussis cases reported statewide through April 30th 2018, compared to 133 reported cases in 2017 during that same time. As of April 30th 2018 three counties had rates of pertussis above the state rate: Penobscot, Waldo and York. Year to date, most cases (39%) were in children between the ages of 1 and 6 years of age, the average age was 10.1 years.

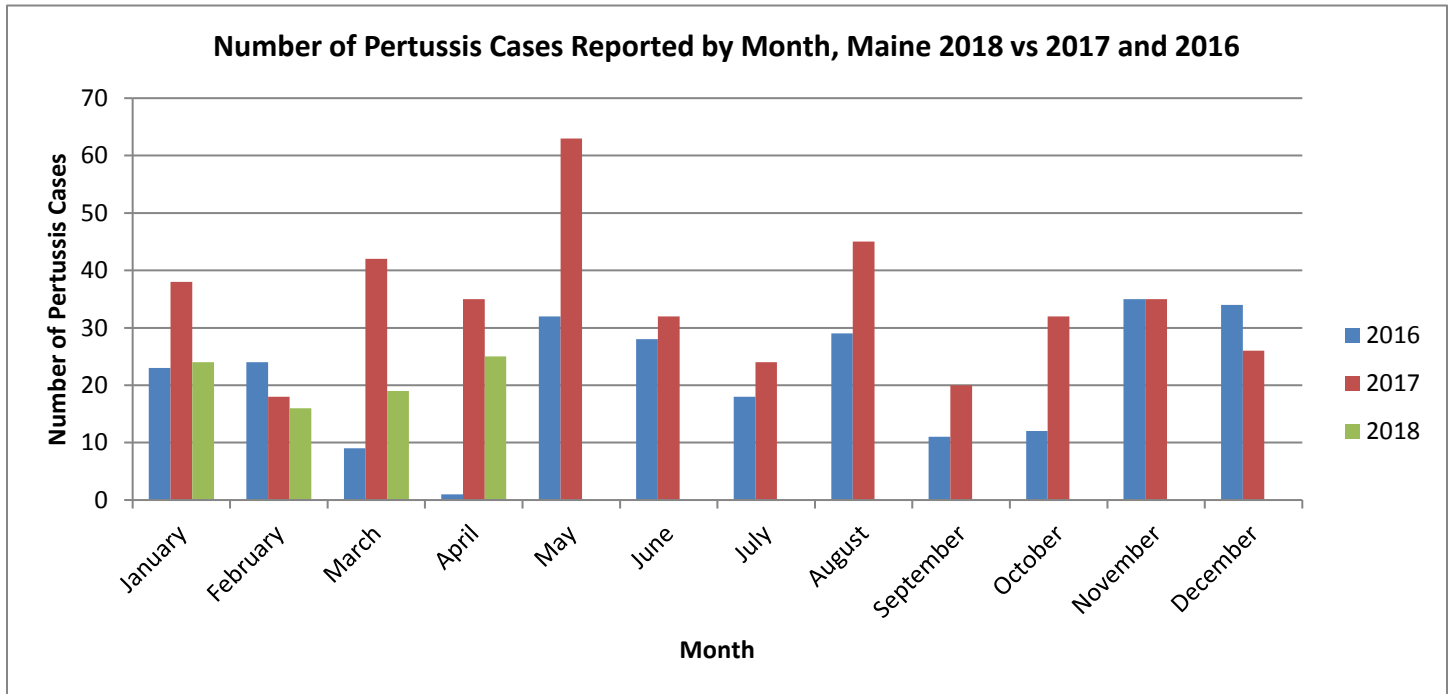


Table 2. Monthly Case Count, YTD Case Count and YTD Incidence Rate per 100,000

County	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total Cases (YTD)	Incidence Per 100,000 (YTD)
Aroostook	1	0	0	0									1	1.5
Androscoggin	0	0	0	2									2	1.9
Cumberland	5	2	2	0									9	3.1
Franklin	0	0	0	1									1	3.3
Hancock	0	0	0	0									0	0.0
Kennebec	0	3	0	0									3	2.5
Knox	0	0	0	0									0	0.0
Lincoln	0	0	0	0									0	0.0
Oxford	0	0	0	0									0	0.0
Penobscot	7	4	6	1									18	11.8

- 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



Piscataquis	0	0	0	0										0	0.0
Sagadahoc	1	1	0	0										2	5.7
Somerset	0	0	0	1										1	2.0
Waldo	6	4	8	6										24	61.3
Washington	0	0	0	0										0	0.0
York	4	2	3	14										23	11.4
Maine	24	16	19	25										84	6.3

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

Age Group	# of Cases	Percent of Cases
< 6 Months	6	7.1%
6-11 Months	3	3.6%
1-6 Years	33	39.3%
7-10 Years	8	9.5%
11-19 Years	27	32.1%
≥ 20 Years	7	8.3%

Demographics: Average age: 10.1 years, Min 2 months, Max 67 years

47.6% Female, 52.3% Male

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

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

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