

Maine Monthly Pertussis Surveillance Report August 2018

September 7, 2018

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through August 31st, 2018. There were a total of 225 pertussis cases reported statewide through August 31st 2018, compared to 297 reported cases in 2017 during that same time. As of August 31st 2018 six counties had rates of pertussis above the state rate: Androscoggin, Franklin, Penobscot, Sagadahoc, Waldo and York. Year to date, most cases (32.4%) were in kids between the ages of 1 and 6 years of age and children ages 11-19 (33.6%) the average age was 12.3 years and the median age was 7 years.

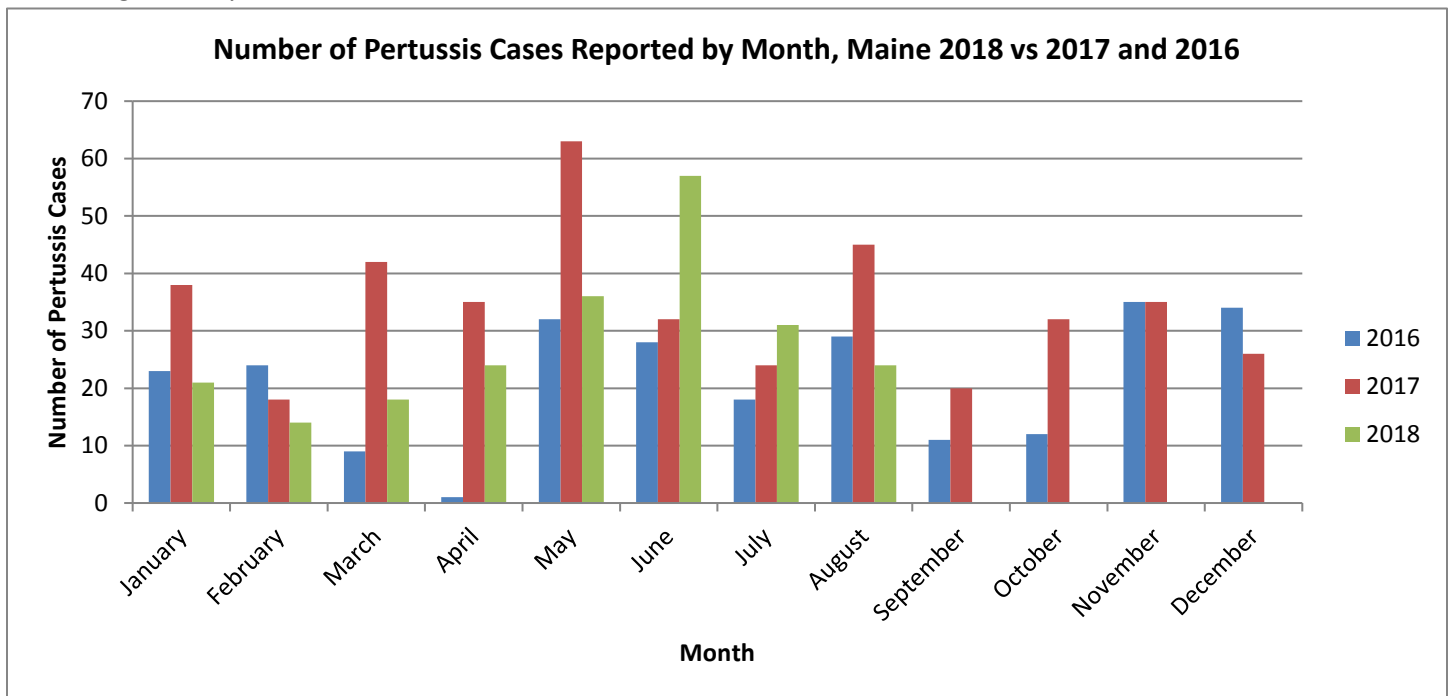


Table 2. Monthly Case Count, YTD Case Count and YTD Incidence Rate per 100,000

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	0	0	0	0					1	1.5
Androscoggin	0	0	0	2	2	11	5	1					21	19.6
Cumberland	4	2	3	0	3	6	5	2					25	8.6
Franklin	0	0	0	0	1	1	3	2					7	23.3
Hancock	0	0	0	0	1	0	0	0					1	1.8
Kennebec	0	3	0	0	0	0	2	1					6	5.0
Knox	0	0	0	0	0	0	1	1					2	5.0
Lincoln	0	0	0	0	1	1	1	1					4	11.8
Oxford	0	0	0	0	0	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	6	5	5	2	0	10	4	4					36	23.6
Piscataquis	0	0	0	0	0	0	1	0					1	5.9
Sagadahoc	1	0	1	0	0	2	1	1					6	17.1
Somerset	0	0	0	1	1	3	0	3					8	15.7
Waldo	6	2	7	8	4	2	3	2					34	86.8
Washington	0	0	0	0	0	1	0	0					1	3.2
York	3	2	2	11	23	20	5	6					72	35.8
Maine	21	14	18	24	36	57	31	24					225	16.9

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

Age Group	# of Cases	Percent of Cases
< 6 Months	14	6.2%
6-11 Months	5	2.2%
1-6 Years	73	32.4%
7-10 Years	30	13.3%
11-19 Years	69	30.6%
≥ 20 Years	34	15.1%

**Demographics: Average age: 12.3 years,
Median age: 7 years. Min 1 month, Max 73
years**

46.5% Female, 53.5% Male

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

County	Facility Type		
	School (K-12)	Daycare	Other
Androscoggin	1		
Franklin		1	
Penobscot	1		
York	2	1	

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