

Maine Monthly Pertussis Surveillance Report July 2018

August 8th 2018

This update summarizes cases of pertussis reported to the Maine Center for Disease Control from January 1st through July 31st, 2018. There were a total of 201 pertussis cases reported statewide through July 31st 2018, compared to 252 reported cases in 2017 during that same time. As of July 31st 2018 five counties had rates of pertussis above the state rate: Androscoggin, Franklin, Penobscot, Waldo and York. Year to date, most cases (32.3%) were in kids between the ages of 11 and 19 years of age and children ages 1-6 (32.3%) the average age was 12.8 years and the median age was 9 years.

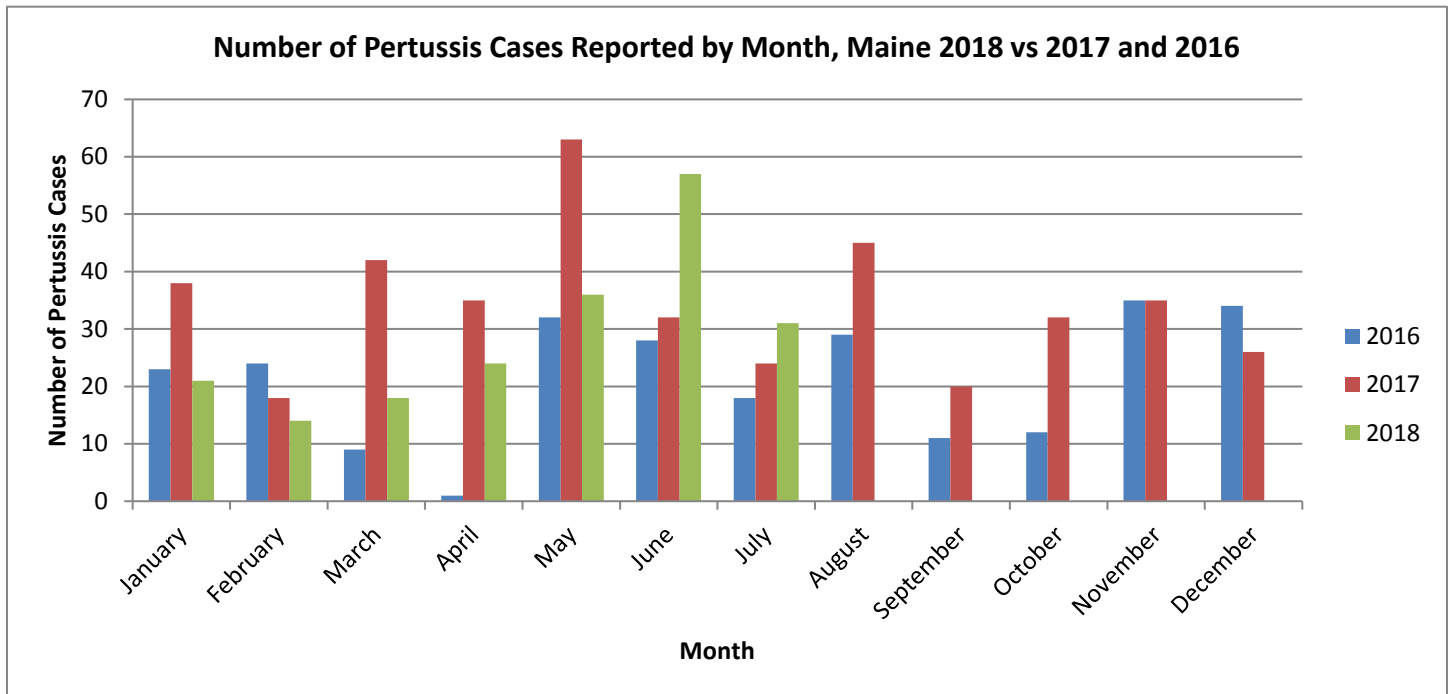


Table 2. Monthly Case Count, YTD Case Count and YTD Incidence Rate per 100,000

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						1	1.5
Androscoggin	0	0	0	2	2	11	5						20	18.7
Cumberland	4	2	3	0	3	6	5						23	7.9
Franklin	0	0	0	0	1	1	3						5	16.7
Hancock	0	0	0	0	1	0	0						1	1.8
Kennebec	0	3	0	0	0	0	2						5	4.2
Knox	0	0	0	0	0	0	1						1	2.5
Lincoln	0	0	0	0	1	1	1						3	8.8
Oxford	0	0	0	0	0	0	0						0	0.0
Penobscot	6	5	5	2	0	10	4						32	21.0

- 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



Piscataquis	0	0	0	0	0	0	1							1	5.9
Sagadahoc	1	0	1	0	0	2	1							5	14.2
Somerset	0	0	0	1	1	3	0							5	9.8
Waldo	6	2	7	8	4	2	3							32	81.7
Washington	0	0	0	0	0	1	0							1	3.2
York	3	2	2	11	23	20	5							66	32.8
Maine	21	14	18	24	36	57	31							201	15.1

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

Age Group	# of Cases	Percent of Cases
< 6 Months	13	6.5%
6-11 Months	5	2.5%
1-6 Years	65	32.3%
7-10 Years	28	13.9%
11-19 Years	65	32.3%
≥ 20 Years	25	12.4%

**Demographics: Average age: 12.8 years,
Median age: 9 years. Min 1 month, Max 73
years
44.5% Female, 55.5% 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		
Penobscot	1		
York	2	1	

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