



**PERTUSSIS**  
**SURVEILLANCE 2006–2010**  
 Rhode Island Department of Health  
 Division of Infectious Disease & Epidemiology

Figure 1. Reported Cases of Pertussis by Year, RI, 2006–2010

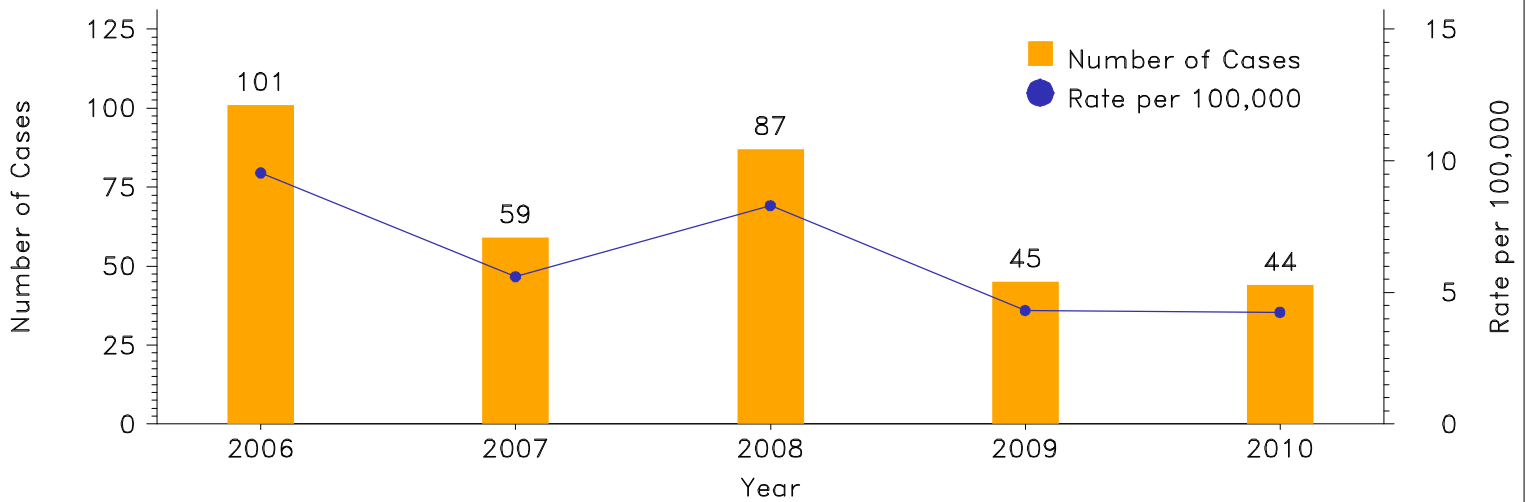


Figure 2. Rate of Pertussis by Age Group, RI, 2010

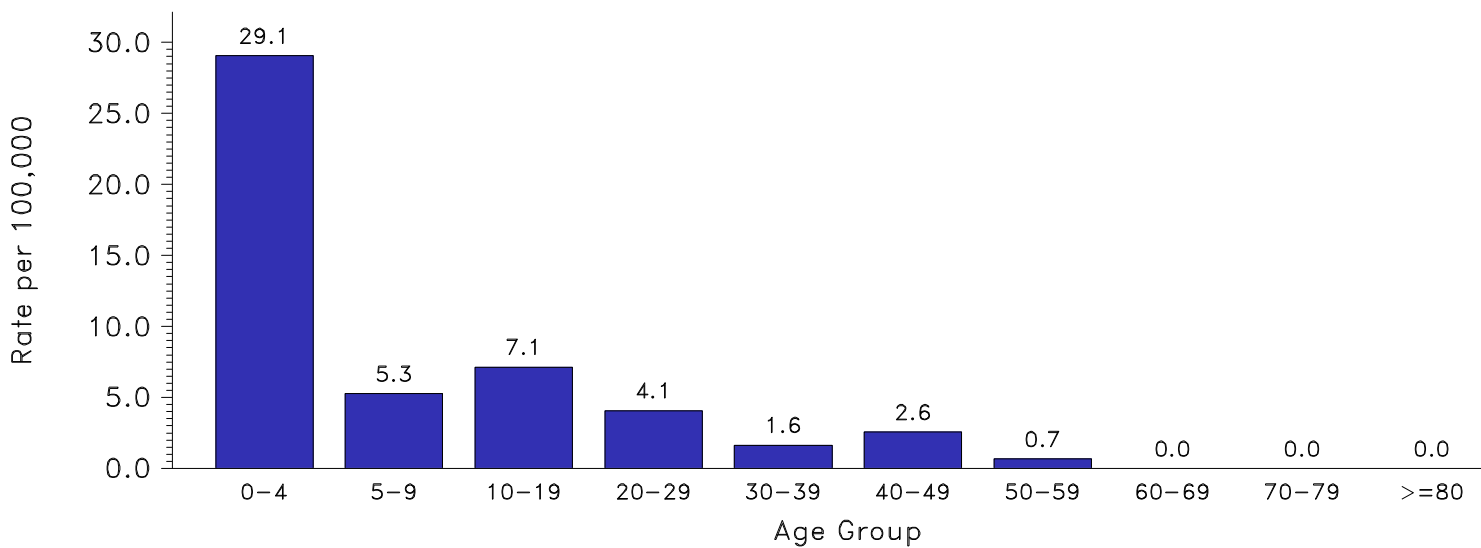


Figure 3. Rate of Pertussis by Sex and Year, RI, 2006–2010

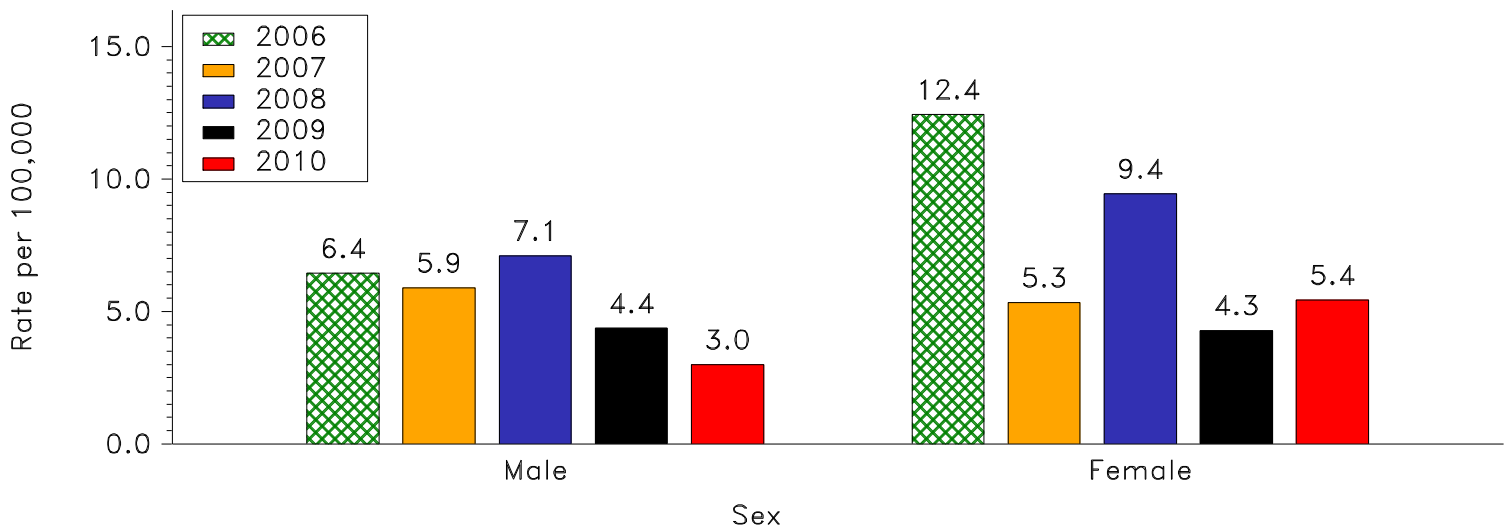


Figure 4. Reported Cases of Pertussis Disease by Month and Year, RI, 2006–2010

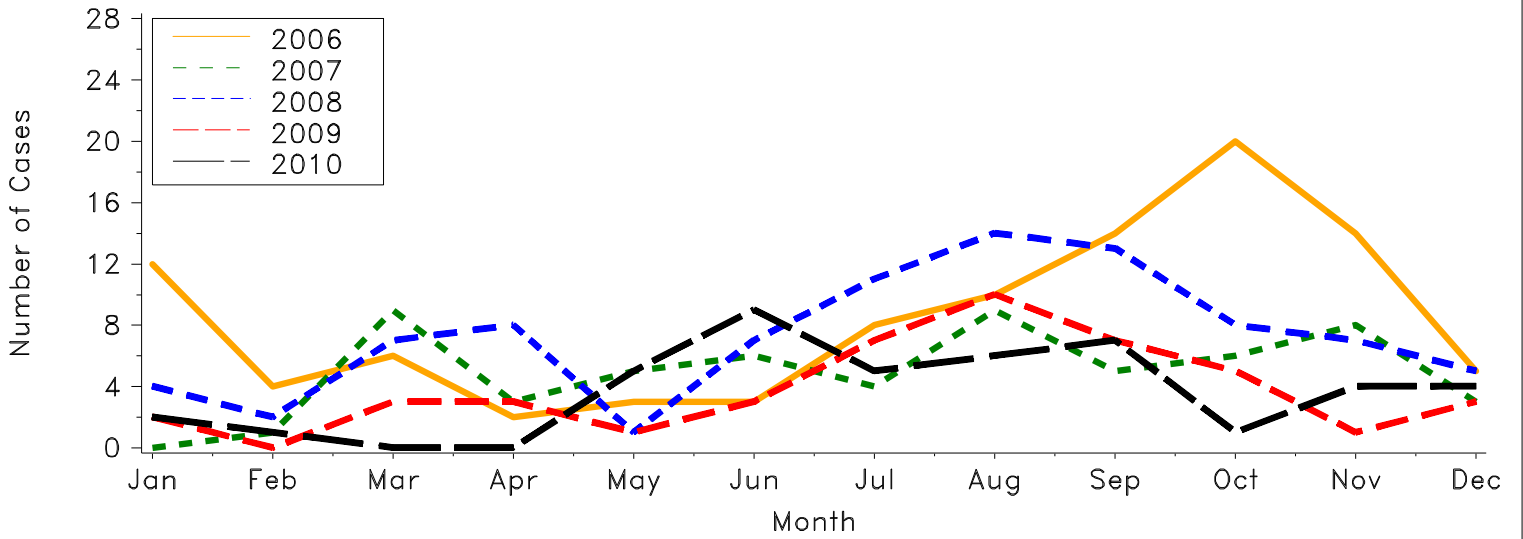
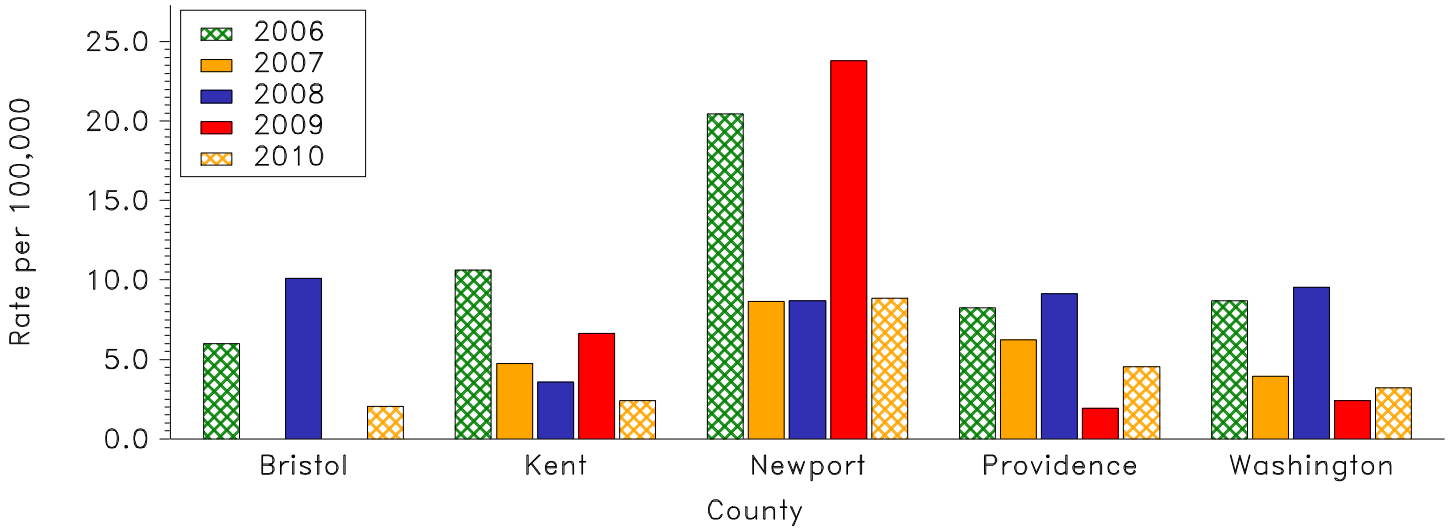


Figure 5: Rate of Pertussis Disease by County and Year, RI, 2006–2010



*Rhode Island Department of Health, Division of Infectious Disease and Epidemiology*

Table 1. Frequency by Year	Year				
	2006	2007	2008	2009	2010
Number of Cases	101	59	87	45	44

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	9.5	5.6	8.3	4.3	4.3

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	9	14	22	10	17
5-9	10	14	17	10	3
10-19	30	15	20	12	10
20-29	15	3	2	3	6
30-39	15	5	12	2	2
40-49	10	4	9	4	4
50-59	10	3	3	3	1
60-69	2	0	1	0	0
70-79	0	1	1	0	0
>=80	0	0	0	1	0
Unknown	0	0	0	0	1
All	101	59	87	45	44

- Notes:*
- 1. Pertussis case counts include patients classified as either confirmed or probable cases.*
  - 2. Event date is generated based on the availability of data in the following order:  
(1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.*
  - 3. Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).*

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Table 4. Rate by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	14.7	23.0	36.7	16.9	29.1
5-9	16.1	23.0	28.5	17.1	5.3
10-19	20.2	10.3	13.9	8.4	7.1
20-29	10.4	2.1	1.4	2.1	4.1
30-39	10.8	3.7	9.2	1.6	1.6
40-49	6.0	2.5	5.6	2.5	2.6
50-59	7.0	2.1	2.1	2.0	0.7
60-69	2.4	0.0	1.1	0.0	0.0
70-79	0.0	1.7	1.7	0.0	0.0
>=80	0.0	0.0	0.0	2.0	0.0

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	68	29	51	23	29
Male	33	30	36	22	15
All	101	59	87	45	44

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	12.4	5.3	9.4	4.3	5.4
Male	6.4	5.9	7.1	4.4	3.0

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Table 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	3	0	5	0	1
Kent	18	8	6	11	4
Newport	17	7	7	19	7
Providence	52	39	57	12	28
Washington	11	5	12	3	4
All	101	59	87	45	44

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	6.0	0.0	10.1	0.0	2.0
Kent	10.6	4.8	3.6	6.6	2.4
Newport	20.4	8.6	8.7	23.8	8.9
Providence	8.3	6.2	9.1	1.9	4.5
Washington	8.7	4.0	9.5	2.4	3.2

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Jan	12	0	4	2	2
Feb	4	1	2	0	1
Mar	6	9	7	3	0
Apr	2	3	8	3	0
May	3	5	1	1	5
Jun	3	6	7	3	9
Jul	8	4	11	7	5
Aug	10	9	14	10	6

(Continued)

- Notes:**
1. *Pertussis case counts include patients classified as either confirmed or probable cases.*
  2. *Event date is generated based on the availability of data in the following order:*
    - (1) *illness onset date;*
    - (2) *specimen collection date;*
    - (3) *date of report to public health agency.*
  3. *Rate is calculated per 100,000 population. The population denominator is based on US Census Population. Rates are based on census data specific for each year (2006-2010 census data).*

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Sep	14	5	13	7	7
Oct	20	6	8	5	1
Nov	14	8	7	1	4
Dec	5	3	5	3	4
All	101	59	87	45	44

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    - (1) illness onset date; (2) specimen collection date; (3) date of report to public health agency.**
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