



PERTUSSIS

SURVEILLANCE 2003–2007

Rhode Island Department of Health
Center for Epidemiology and Infectious Disease

Figure 1. Reported Cases of Pertussis by Year, RI, 2003–2007

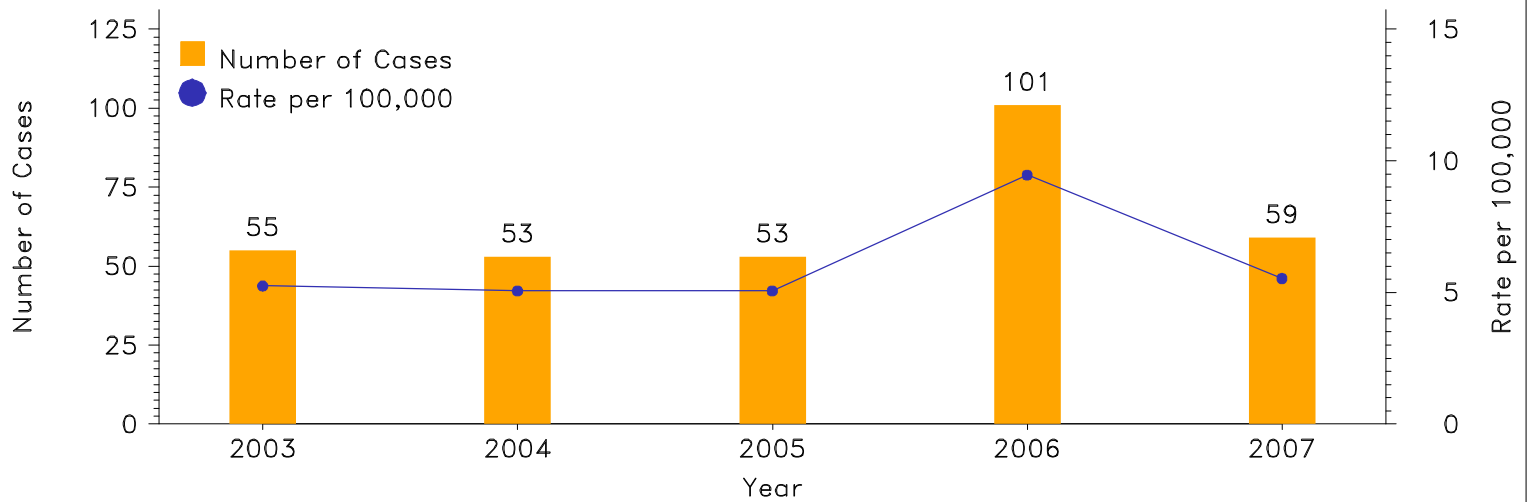


Figure 2. Rate of Pertussis by Age Group, RI, 2007

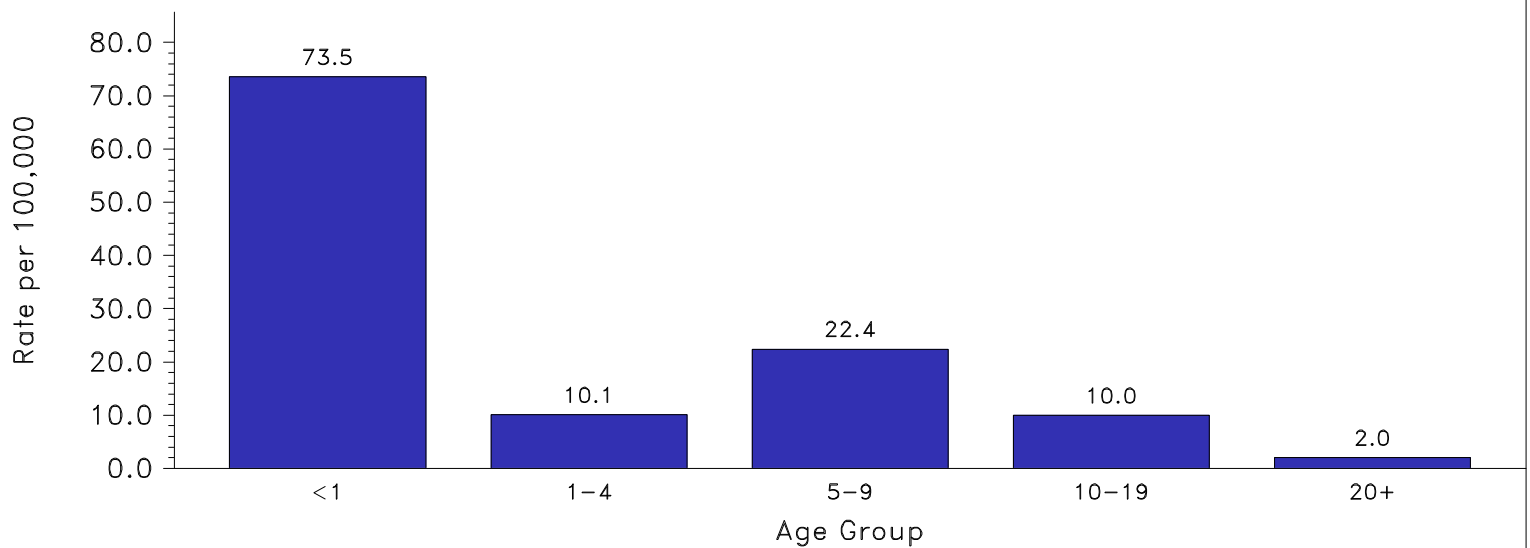


Figure 3. Rate of Pertussis by Sex and Year, RI, 2005–2007

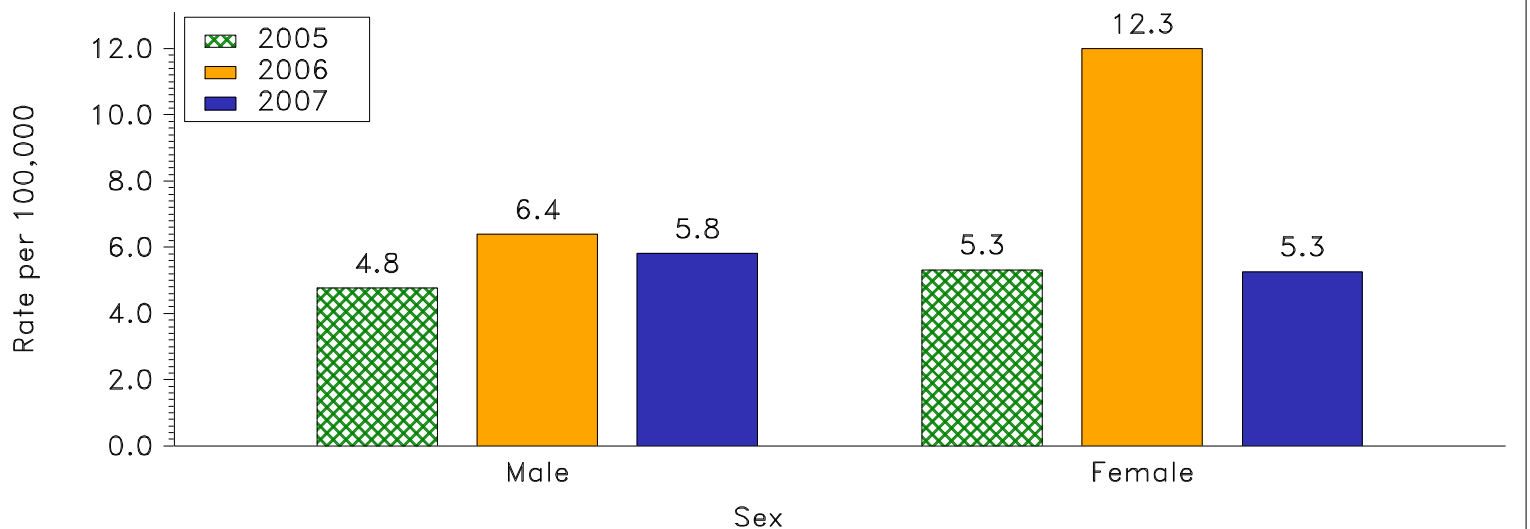


Figure 4: Rate of Pertussis by County and Year, RI, 2005–2007

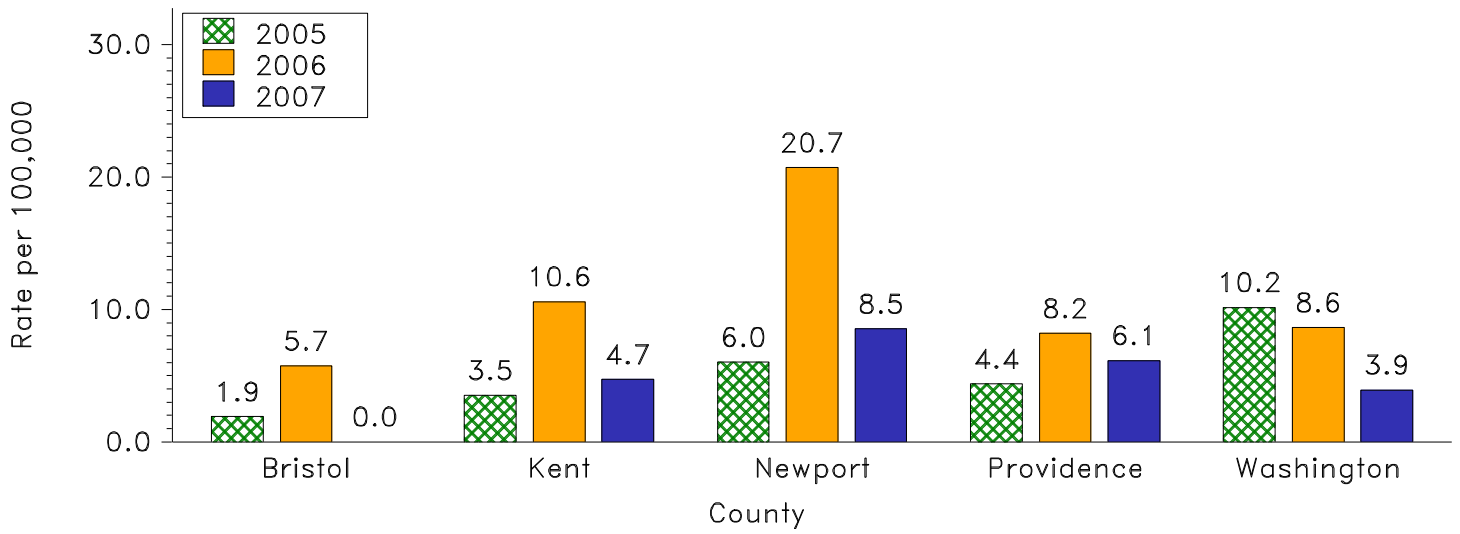
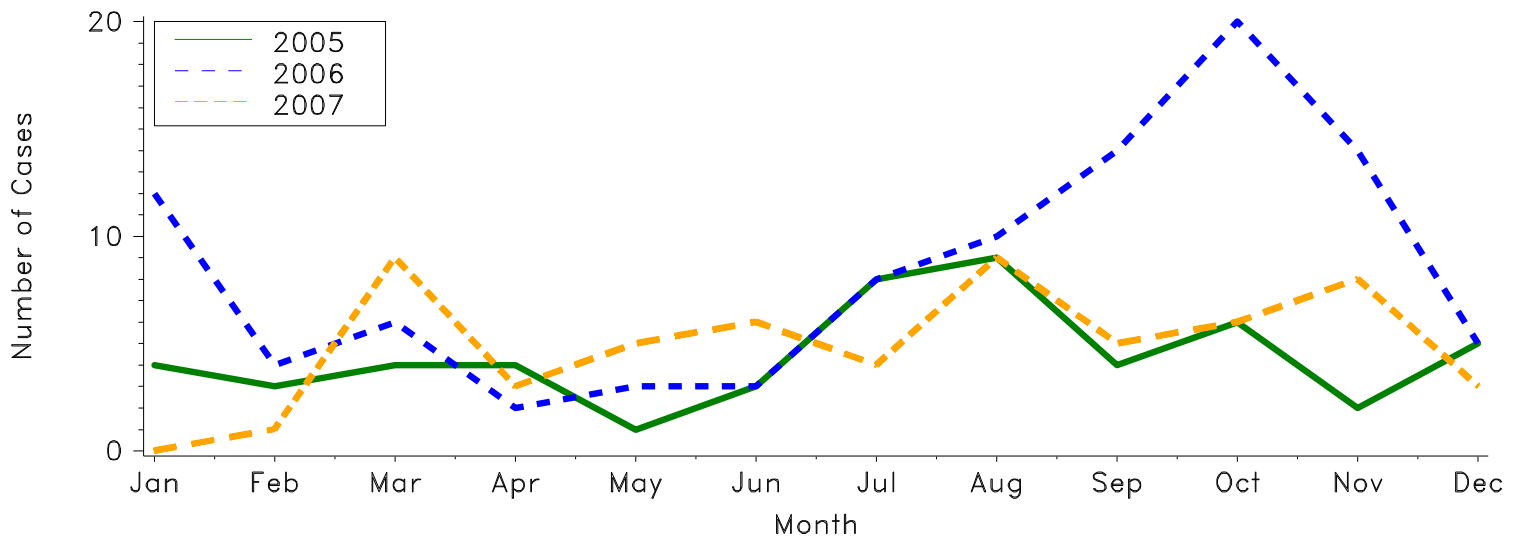


Figure 5. Reported Cases of Pertussis by Month and Year, RI, 2005–2007



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Table 1. Frequency by Year	Year				
	2003	2004	2005	2006	2007
Number of Cases	55	53	53	101	59

Table 2. Rate by Year	Year				
	2003	2004	2005	2006	2007
Rate per 100,000	5.3	5.1	5.1	9.5	5.5

Table 3. Frequency by Agegroup and Year	Year				
	2003	2004	2005	2006	2007
<1	11	14	6	9	9
1-4	5	1	1	5	5
5-9	3	5	8	7	14
10-19	23	13	21	30	15
20+	13	20	17	50	16
Unknown	0	0	0	0	0
All	55	53	53	101	59

Table 4. Rate by Agegroup and Year	Year				
	2003	2004	2005	2006	2007
<1	90.1	114.7	49.2	73.5	73.5
1-4	9.7	1.9	1.9	10.1	10.1
5-9	4.2	7.0	11.1	11.2	22.4
10-19	15.7	8.9	14.3	19.9	10.0
20+	1.7	2.6	2.2	6.3	2.0

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 for 2003-2005 use 2000 Census data. Rates for 2006-2007 use 2006 Census data.)

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Table 5. Frequency by Sex and Year	Year				
	2003	2004	2005	2006	2007
Female	29	31	29	68	29
Male	26	22	24	33	30
All	55	53	53	101	59

Table 6. Rate by Sex and Year	Year				
	2003	2004	2005	2006	2007
Female	5.3	5.7	5.3	12.3	5.3
Male	5.2	4.4	4.8	6.4	5.8

Table 7. Frequency by County and Year	Year				
	2003	2004	2005	2006	2007
Bristol	21	1	1	3	0
Kent	5	11	6	18	8
Newport	2	1	5	17	7
Providence	25	36	28	52	39
Washington	2	4	13	11	5
Unknown	0	0	0	0	0
All	55	53	53	101	59

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 for 2003-2005 use 2000 Census data. Rates for 2006-2007 use 2006 Census data.)*

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Table 8. Rate by County and Year	Year				
	2003	2004	2005	2006	2007
Bristol	40.4	1.9	1.9	5.7	0.0
Kent	2.9	6.4	3.5	10.6	4.7
Newport	2.3	1.2	6.0	20.7	8.5
Providence	3.9	5.6	4.4	8.2	6.1
Washington	1.6	3.1	10.2	8.6	3.9

Table 9. Frequency by Month and Year	Year				
	2003	2004	2005	2006	2007
January	1	6	4	12	0
February	1	4	3	4	1
March	5	2	4	6	9
April	0	7	4	2	3
May	1	1	1	3	5
June	3	1	3	3	6
July	7	4	8	8	4
August	3	8	9	10	9
September	11	5	4	14	5
October	11	5	6	20	6
November	11	7	2	14	8
December	1	3	5	5	3
Unknown	0	0	0	0	0
All	55	53	53	101	59

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 for 2003-2005 use 2000 Census data. Rates for 2006-2007 use 2006 Census data.)*