



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

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

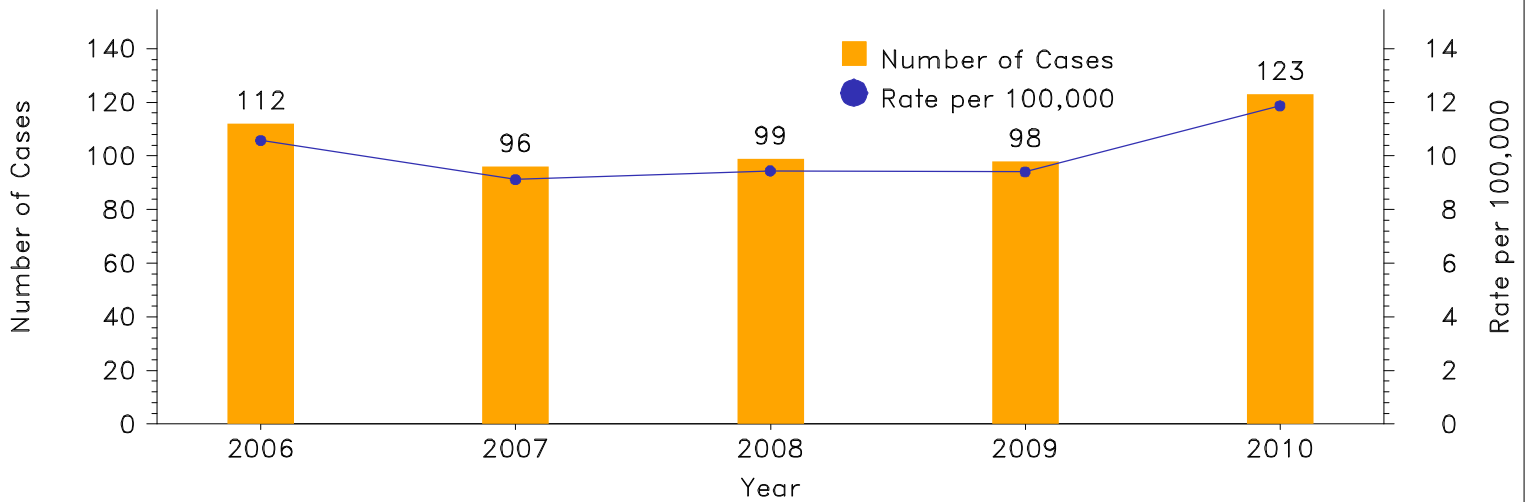


Figure 2. Rate of Pneumococcal Disease by Age Group, RI, 2010

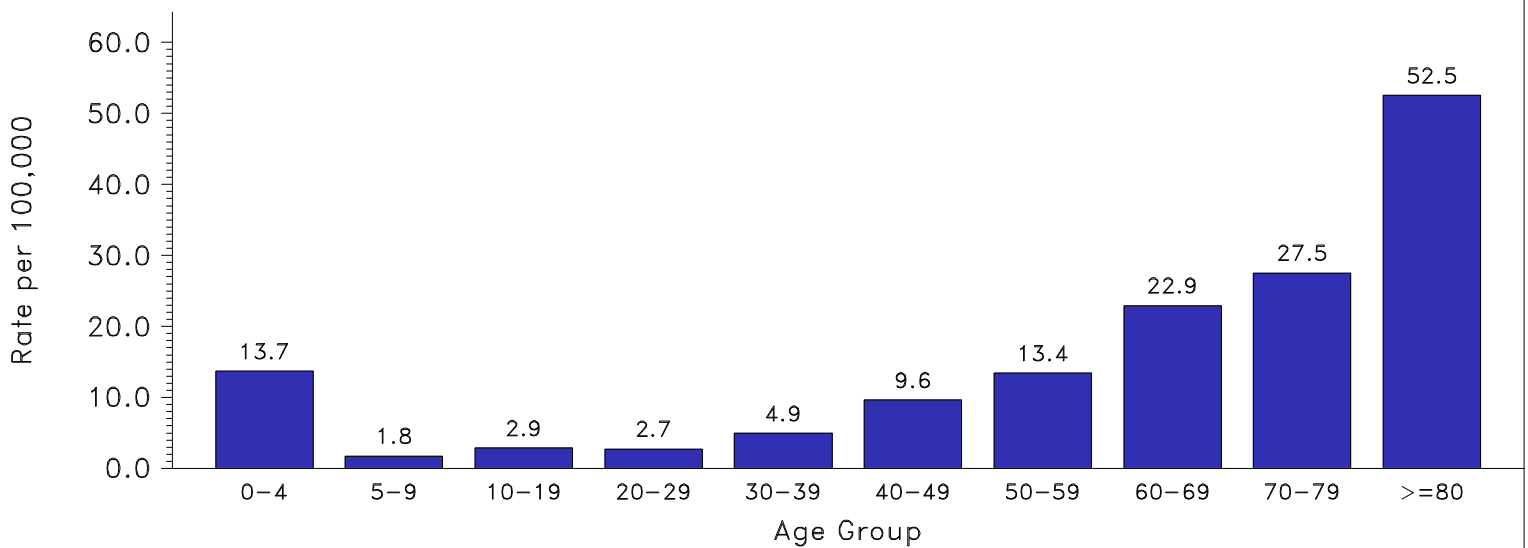


Figure 3. Rate of Pneumococcal Disease by Sex and Year, RI, 2006–2010

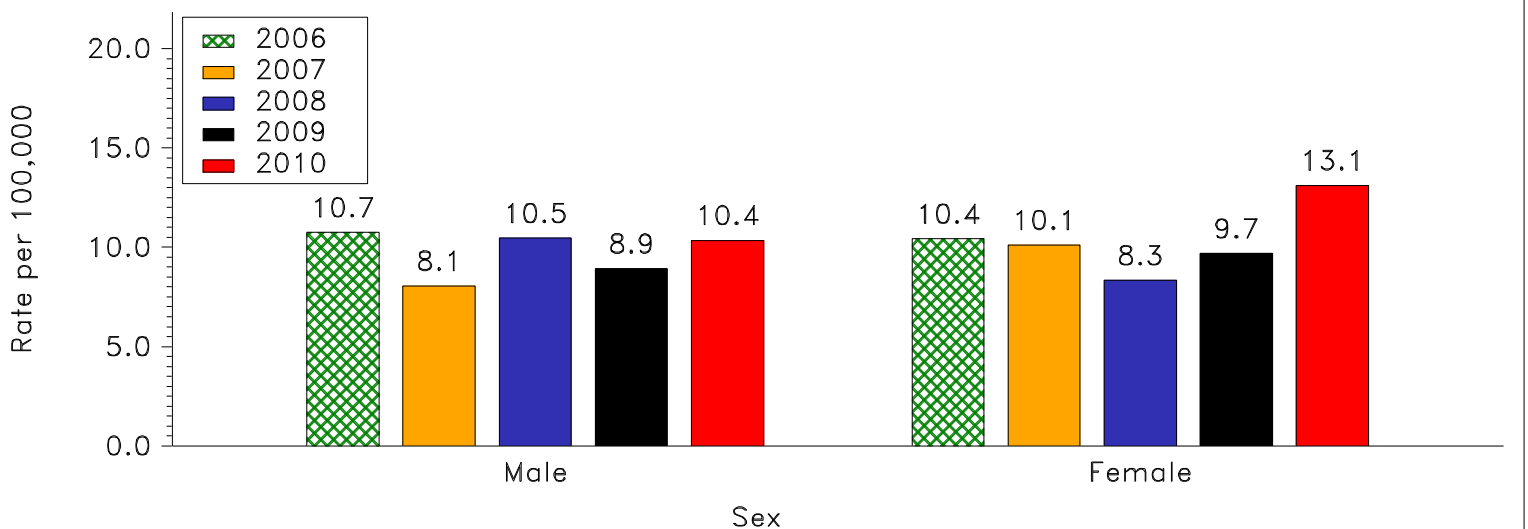


Figure 4. Reported Cases of Pneumococcal Disease by Month and Year, RI, 2006–2010

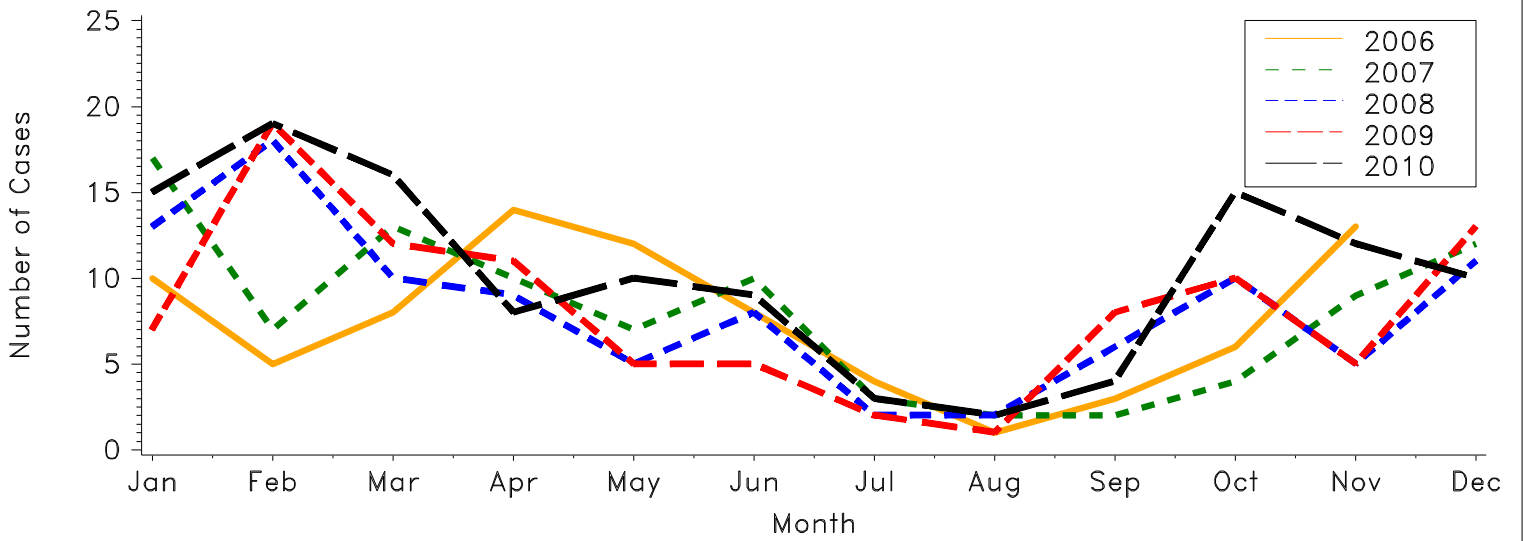


Figure 5: Rate of Pneumococcal Disease by County and Year, RI, 2006–2010

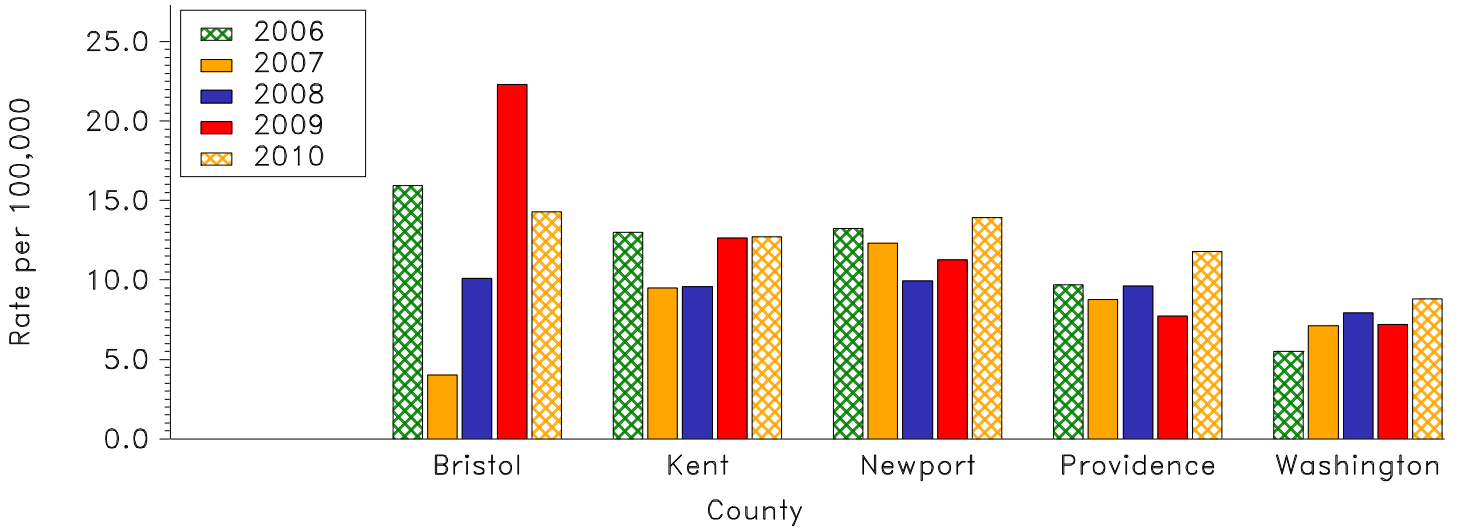


Table 1. Frequency by Year	Year				
	2006	2007	2008	2009	2010
Number of Cases	112	96	99	98	123

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	10.6	9.1	9.5	9.4	11.9

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	10	12	18	4	8
5-9	1	0	3	0	1
10-19	4	0	1	3	4
20-29	3	3	1	5	4
30-39	7	8	4	4	6
40-49	16	14	16	13	15
50-59	17	14	17	15	20
60-69	20	14	12	18	23
70-79	15	13	8	16	15
>=80	18	18	19	20	27
Unknown	1	0	0	0	0
All	112	96	99	98	123

- Notes:*
1. *Pneumococcal case counts include patients classified as confirmed 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).*

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

Table 4. Rate by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	16.4	19.7	30.0	6.8	13.7
5-9	1.6	0.0	5.0	0.0	1.8
10-19	2.7	0.0	0.7	2.1	2.9
20-29	2.1	2.1	0.7	3.4	2.7
30-39	5.0	5.9	3.1	3.2	4.9
40-49	9.6	8.6	9.9	8.2	9.6
50-59	12.0	9.8	11.7	10.2	13.4
60-69	23.7	15.6	12.9	18.6	22.9
70-79	24.5	21.8	13.8	28.5	27.5
>=80	36.1	35.9	37.5	39.2	52.5

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	57	55	45	52	70
Male	55	41	53	45	52
Unknown	0	0	1	1	1
All	112	96	99	98	123

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	10.4	10.1	8.3	9.7	13.1
Male	10.7	8.1	10.5	8.9	10.4

- Notes:*
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    - (1) *illness onset date;*
    - (2) *specimen collection date;*
    - (3) *date of report to public health agency.*
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Table 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	8	2	5	11	7
Kent	22	16	16	21	21
Newport	11	10	8	9	11
Providence	61	55	60	48	73
Washington	7	9	10	9	11
unknown	3	4	0	0	0
All	112	96	99	98	123

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	16.0	4.0	10.1	22.3	14.3
Kent	13.0	9.5	9.6	12.6	12.7
Newport	13.2	12.3	9.9	11.3	13.9
Providence	9.7	8.8	9.6	7.7	11.8
Washington	5.5	7.1	7.9	7.2	8.8
unknown	0.0	0.0	0.0	0.0	0.0

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Jan	10	17	13	7	15
Feb	5	7	18	19	19
Mar	8	13	10	12	16
Apr	14	10	9	11	8
May	12	7	5	5	10
Jun	8	10	8	5	9

(Continued)

- Notes:*
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    - (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
Jul	4	3	2	2	3
Aug	1	2	2	1	2
Sep	3	2	6	8	4
Oct	6	4	10	10	15
Nov	13	9	5	5	12
Dec	28	12	11	13	10
All	112	96	99	98	123

- Notes:***
- 1. Pneumococcal case counts include patients classified as confirmed 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).***