

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

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

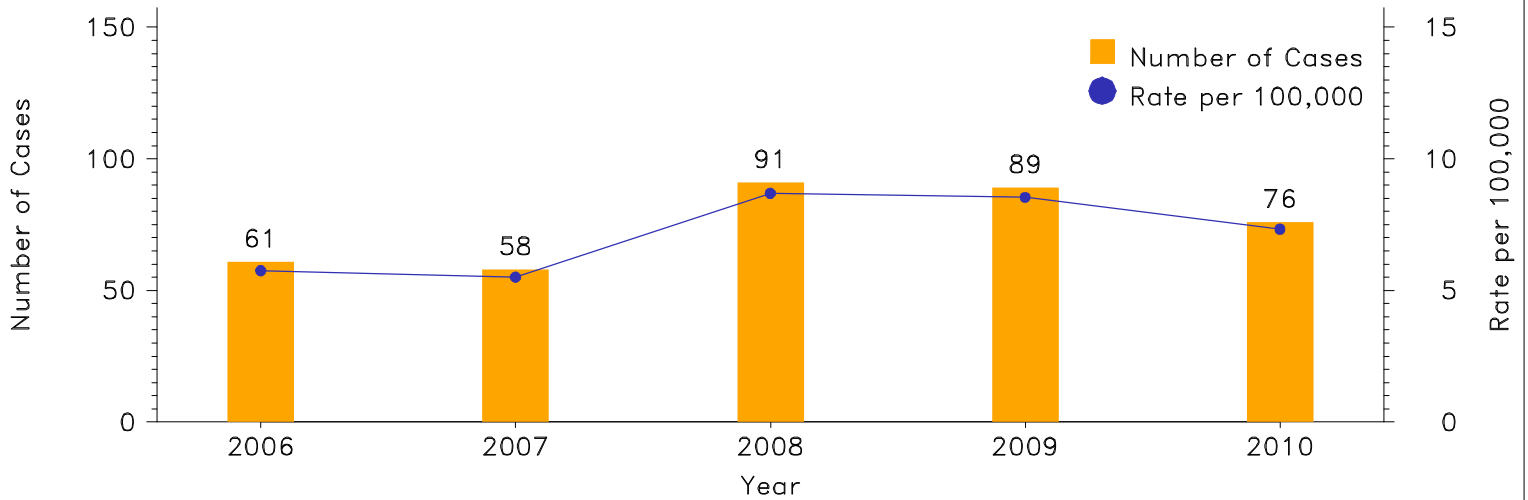


Figure 2. Rate of Babesiosis disease by Age Group, RI, 2010

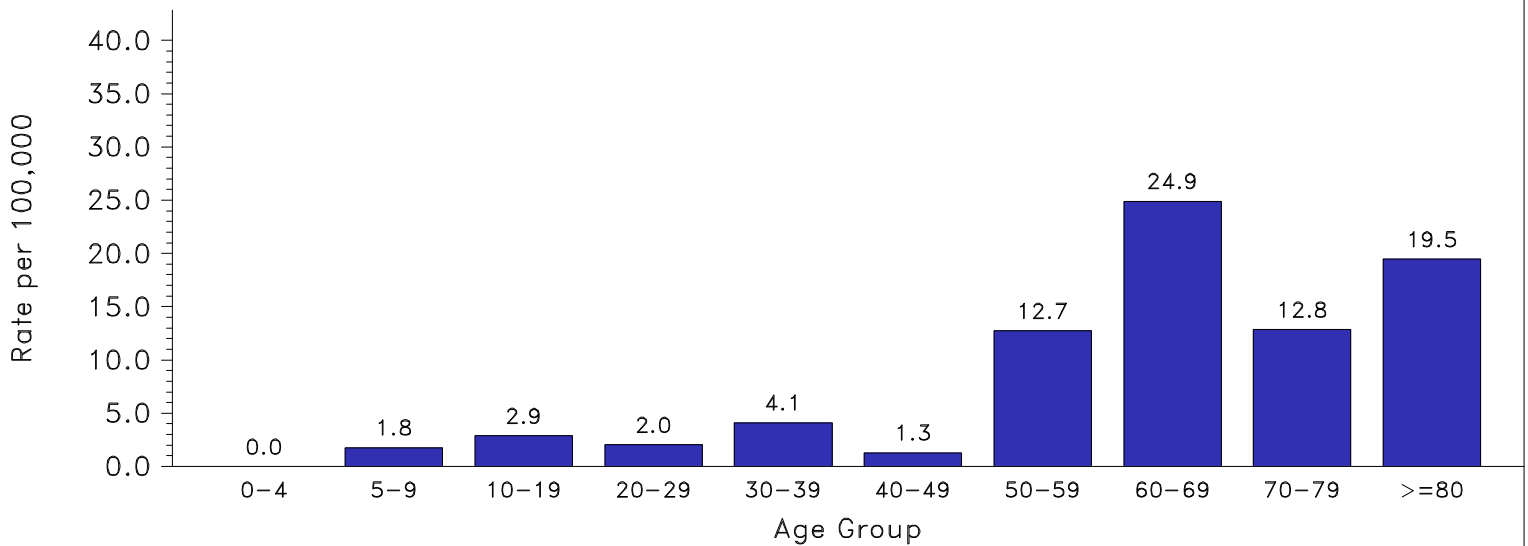


Figure 3. Rate of Babesiosis Disease by Sex and Year, RI, 2006–2010

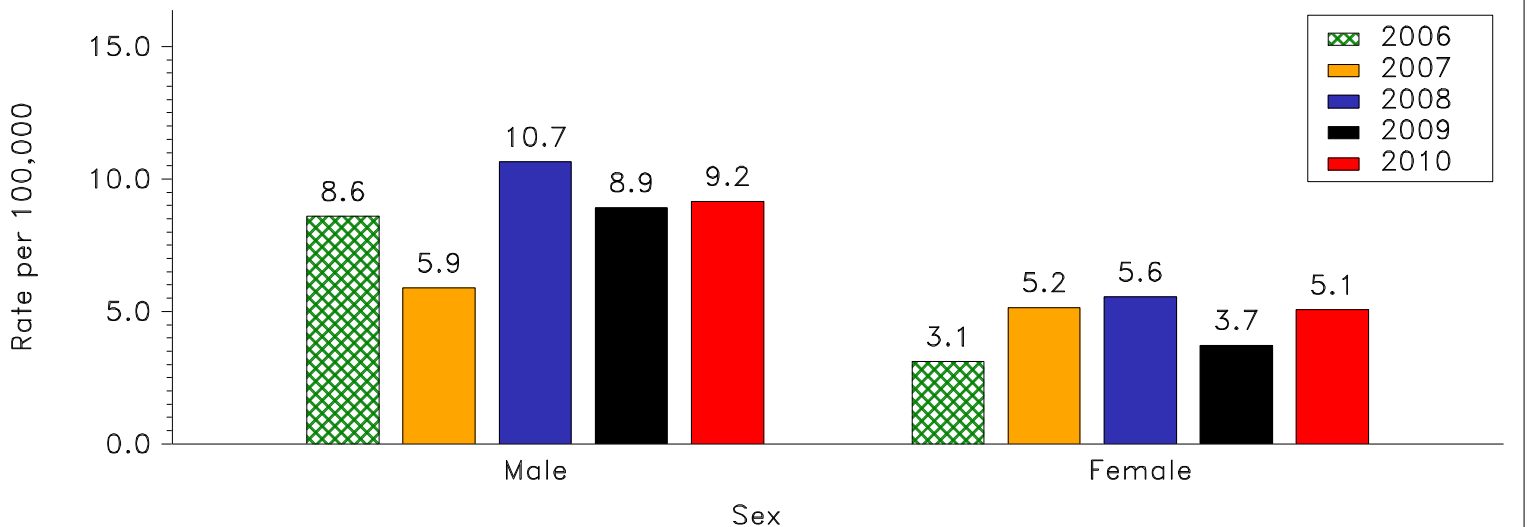


Figure 4. Reported Cases of Babesiosis Disease by Month and Year, RI, 2006–2010

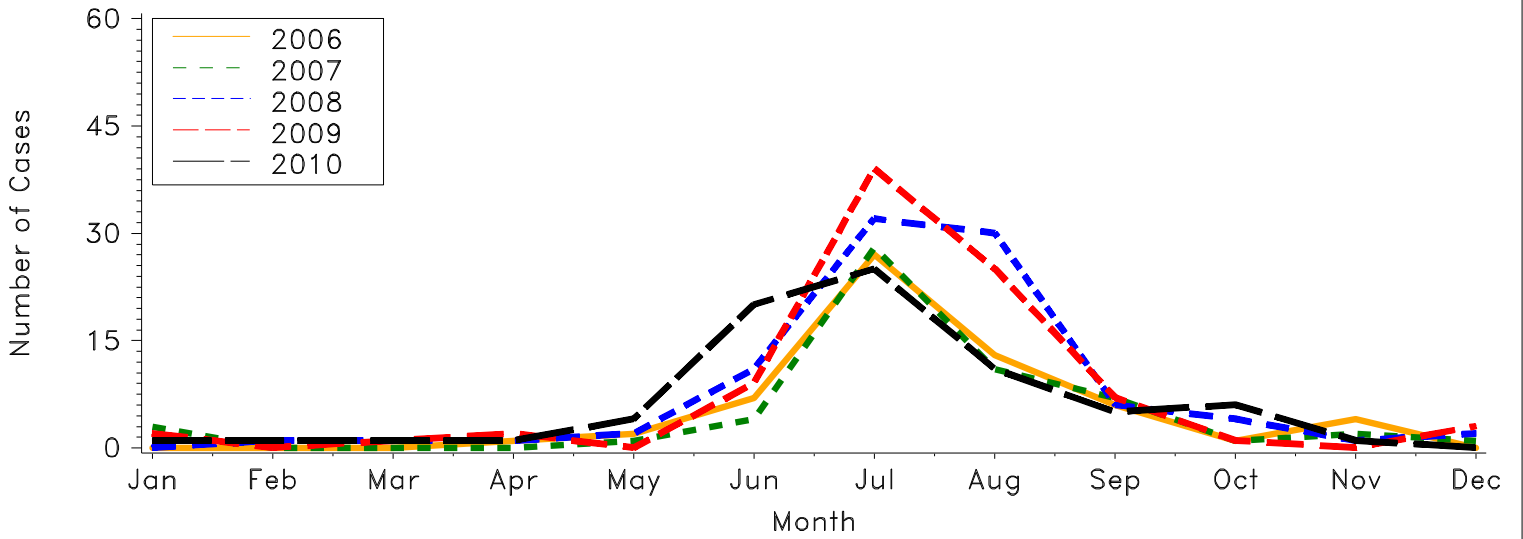
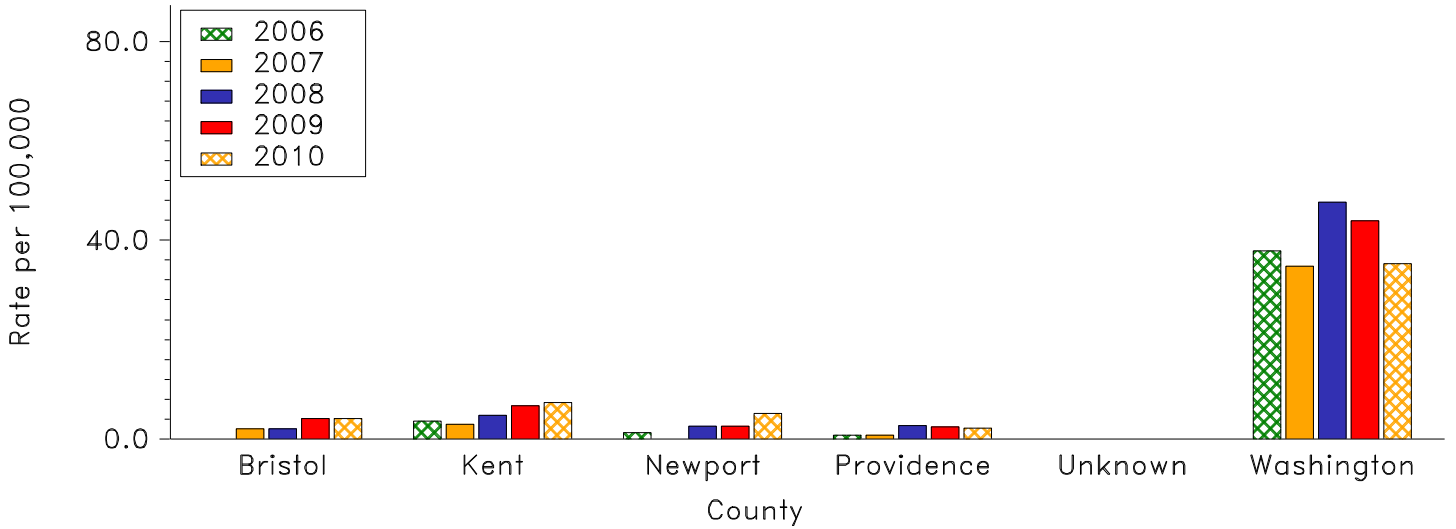


Figure 5: Rate of Babesiosis Disease by County and Year, RI, 2006–2010



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	61	58	91	89	76

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	5.8	5.5	8.7	8.5	7.3

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	0	3	0	0	0
5-9	0	0	2	2	1
10-19	0	0	3	1	4
20-29	1	0	1	3	3
30-39	4	1	4	7	5
40-49	1	8	14	10	2
50-59	16	11	20	14	19
60-69	16	11	19	26	25
70-79	14	15	16	16	7
>=80	9	9	11	10	10
Unknown	0	0	1	0	0
All	61	58	91	89	76

- Notes:**
1. Babesiosis 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	0.0	4.9	0.0	0.0	0.0
5-9	0.0	0.0	3.4	3.4	1.8
10-19	0.0	0.0	2.1	0.7	2.9
20-29	0.7	0.0	0.7	2.1	2.0
30-39	2.9	0.7	3.1	5.5	4.1
40-49	0.6	4.9	8.7	6.3	1.3
50-59	11.3	7.7	13.8	9.5	12.7
60-69	18.9	12.2	20.4	26.9	24.9
70-79	22.9	25.2	27.7	28.5	12.8
>=80	18.1	17.9	21.7	19.6	19.5

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	17	28	30	20	27
Male	44	30	54	45	46
Unknown	0	0	7	24	3
All	61	58	91	89	76

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	3.1	5.2	5.6	3.7	5.1
Male	8.6	5.9	10.7	8.9	9.2

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Table 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	0	1	1	2	2
Kent	6	5	8	11	12
Newport	1	0	2	2	4
Providence	5	5	17	15	13
Unknown	1	3	3	4	1
Washington	48	44	60	55	44
All	61	58	91	89	76

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	0.0	2.0	2.0	4.1	4.1
Kent	3.5	3.0	4.8	6.6	7.3
Newport	1.2	0.0	2.5	2.5	5.1
Providence	0.8	0.8	2.7	2.4	2.1
Unknown	0.0	0.0	0.0	0.0	0.0
Washington	37.8	34.8	47.7	43.9	35.2

Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Jan	0	3	0	2	1
Feb	0	0	1	0	1
Mar	0	0	1	1	1
Apr	1	0	1	2	1
May	2	1	2	0	4
Jun	7	4	11	9	20

(Continued)

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Table 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Jul	27	28	32	39	25
Aug	13	11	30	25	11
Sep	6	7	6	7	5
Oct	1	1	4	1	6
Nov	4	2	1	0	1
Dec	0	1	2	3	0
All	61	58	91	89	76

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