



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

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

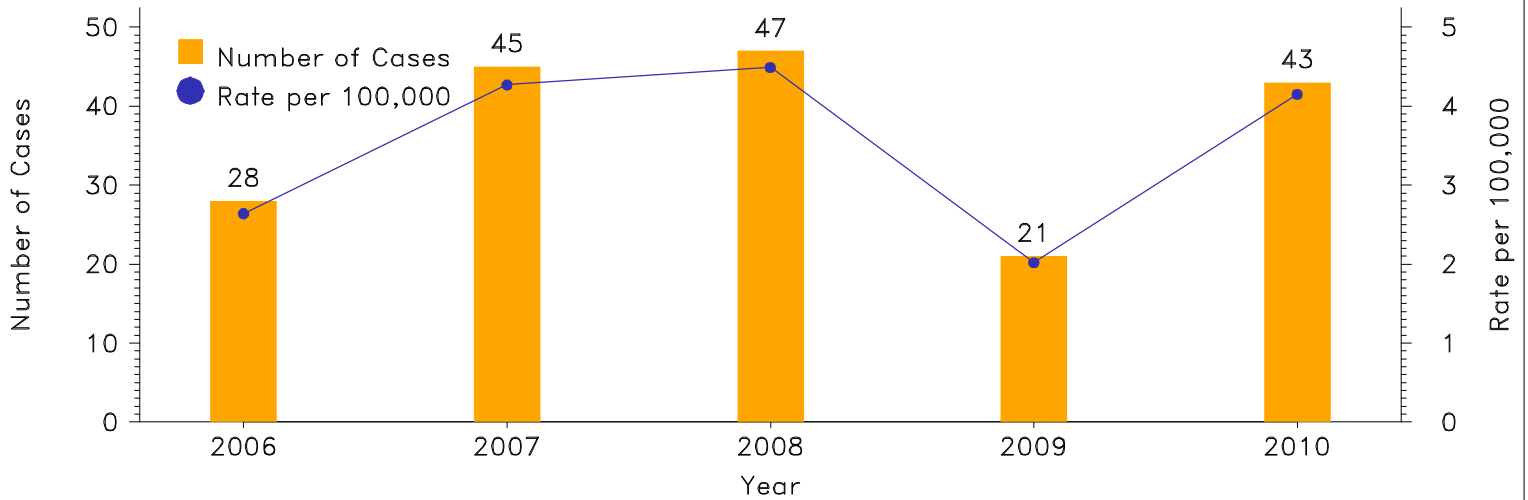


Figure 2. Rate of Legionellosis by Age Group, RI, 2010

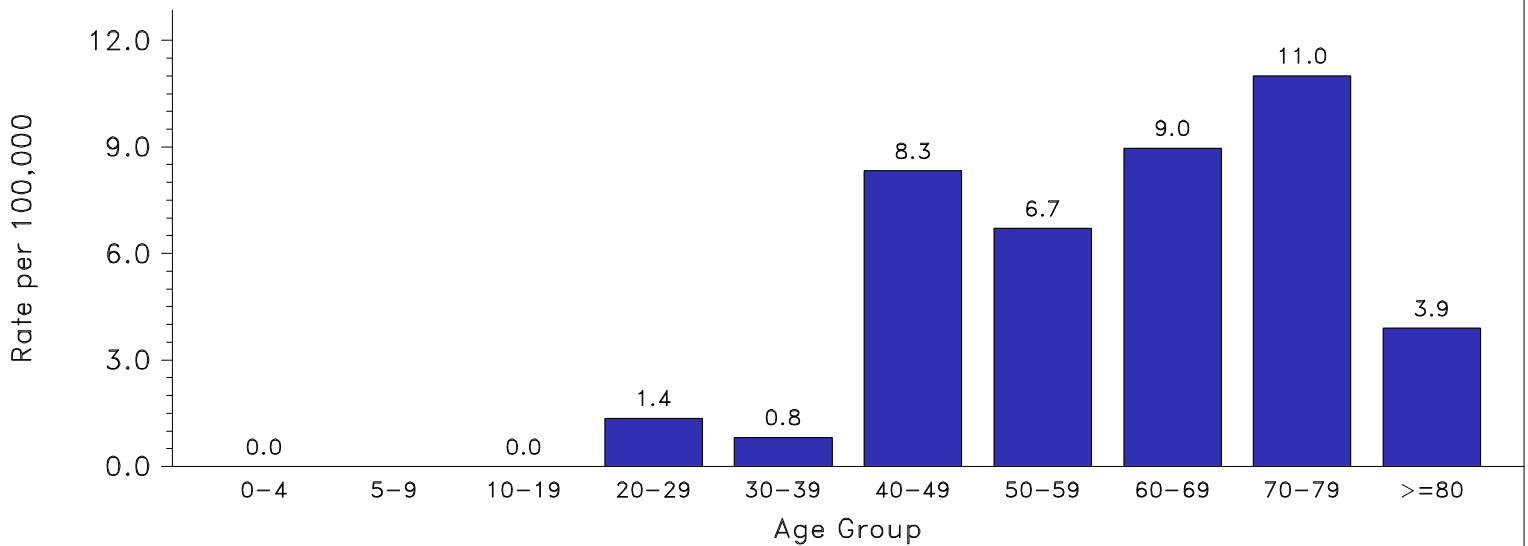


Figure 3. Rate of Legionellosis by Sex and Year, RI, 2006–2010

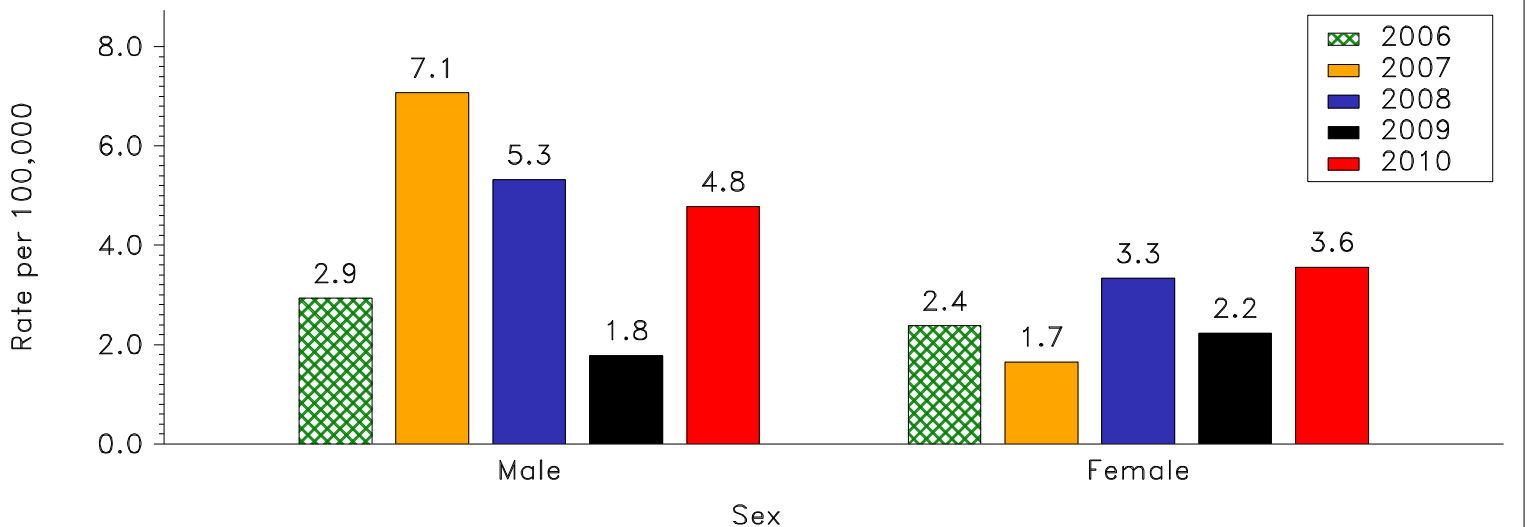


Figure 4. Reported Cases of Legionellosis Disease by Month and Year, RI, 2006–2010

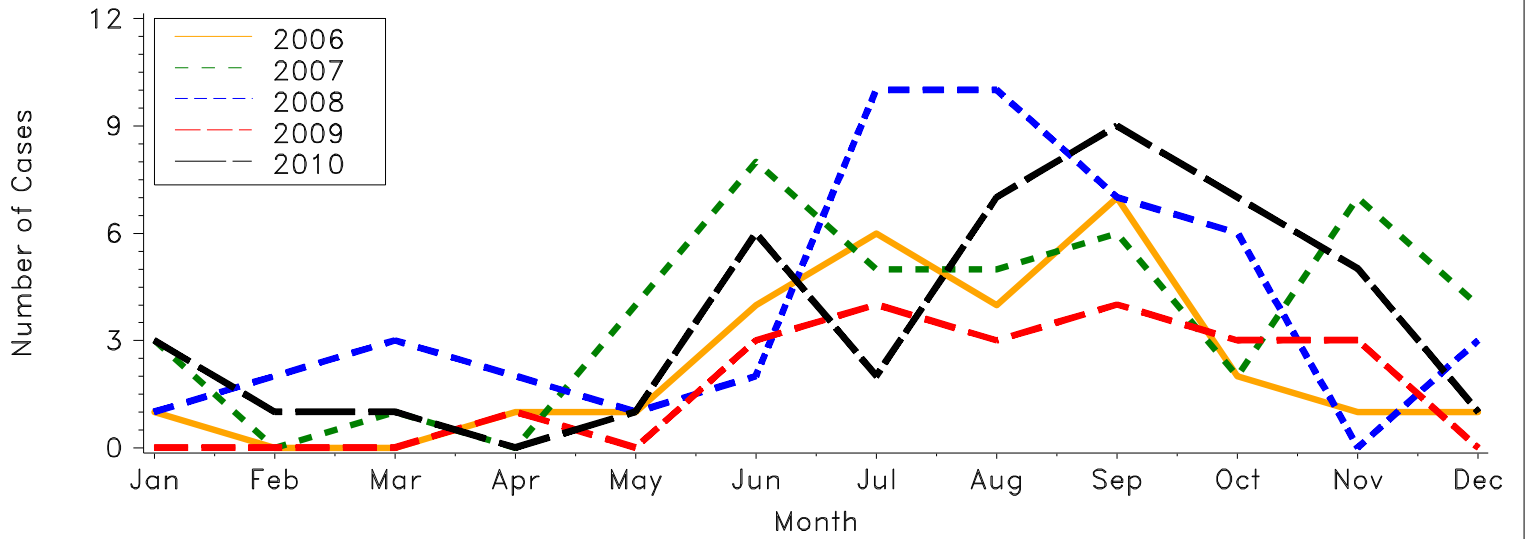


Figure 5: Rate of Legionellosis Disease by County and Year, RI, 2006–2010

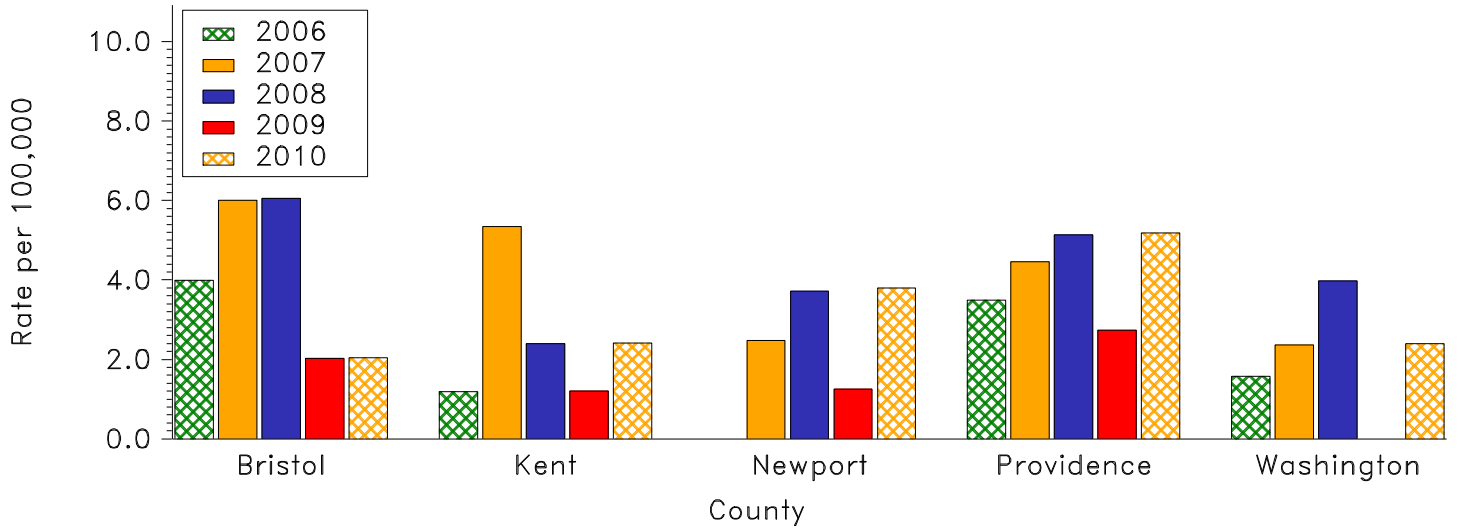


Table 1. Frequency by Year	Year				
	2006	2007	2008	2009	2010
Number of Cases	28	45	47	21	43

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	2.6	4.3	4.5	2.0	4.2

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	0	0	0	1	0
5-9	0	0	0	0	0
10-19	0	1	0	0	0
20-29	1	0	1	0	2
30-39	2	3	2	2	1
40-49	2	9	7	1	13
50-59	5	10	14	2	10
60-69	7	9	9	6	9
70-79	4	7	7	2	6
>=80	7	6	7	7	2
Unknown	0	0	0	0	0
All	28	45	47	21	43

- Notes:*
1. *Legionellosis 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).*

Table 4. Rate by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	0.0	0.0	0.0	1.7	0.0
10-19	0.0	0.7	0.0	0.0	0.0
20-29	0.7	0.0	0.7	0.0	1.4
30-39	1.4	2.2	1.5	1.6	0.8
40-49	1.2	5.5	4.4	0.6	8.3
50-59	3.5	7.0	9.7	1.4	6.7
60-69	8.3	10.0	9.7	6.2	9.0
70-79	6.5	11.8	12.1	3.6	11.0
>=80	14.1	12.0	13.8	13.7	3.9

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	13	9	18	12	19
Male	15	36	27	9	24
Unknown	0	0	2	0	0
All	28	45	47	21	43

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	2.4	1.7	3.3	2.2	3.6
Male	2.9	7.1	5.3	1.8	4.8

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 - 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 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	2	3	3	1	1
Kent	2	9	4	2	4
Newport	0	2	3	1	3
Providence	22	28	32	17	32
Washington	2	3	5	0	3
All	28	45	47	21	43

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Bristol	4.0	6.0	6.1	2.0	2.0
Kent	1.2	5.4	2.4	1.2	2.4
Newport	0.0	2.5	3.7	1.3	3.8
Providence	3.5	4.5	5.1	2.7	5.2
Washington	1.6	2.4	4.0	0.0	2.4

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

(Continued)

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 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	7	6	7	4	9
Oct	2	2	6	3	7
Nov	1	7	0	3	5
Dec	1	4	3	0	1
All	28	45	47	21	43

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