

SHIGA TOXIN PRODUCING E.coli (STEC)
SURVEILLANCE 2006–2010
Rhode Island Department of Health
Division of Infectious Disease & Epidemiology

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

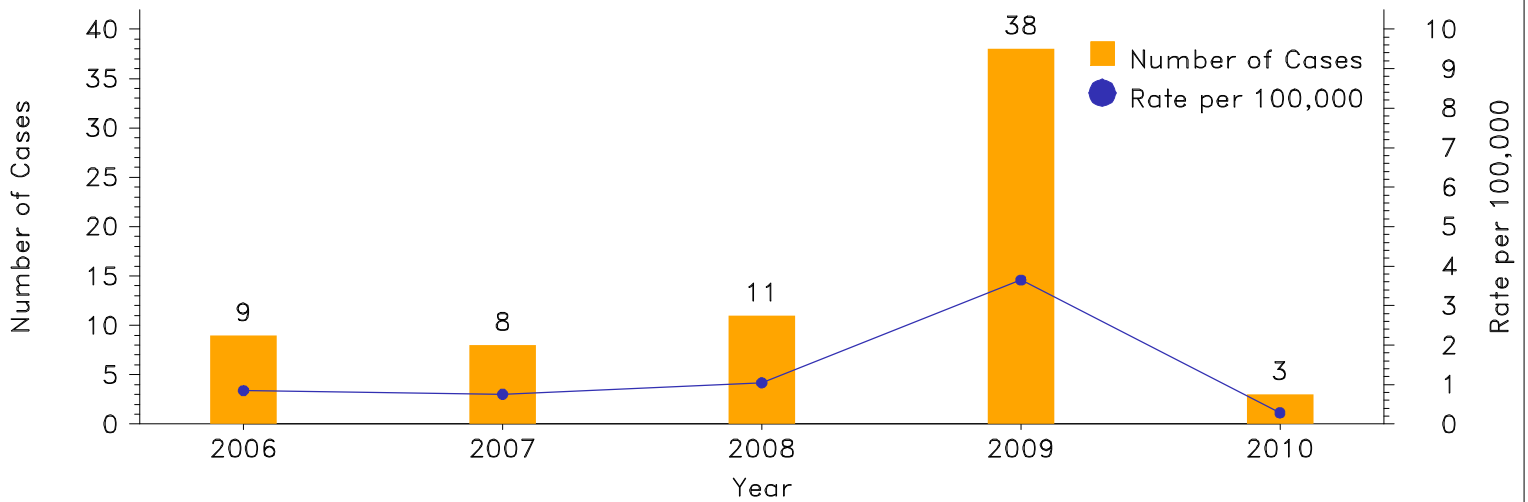


Figure 2. Rate of STEC disease by Age Group, RI, 2009

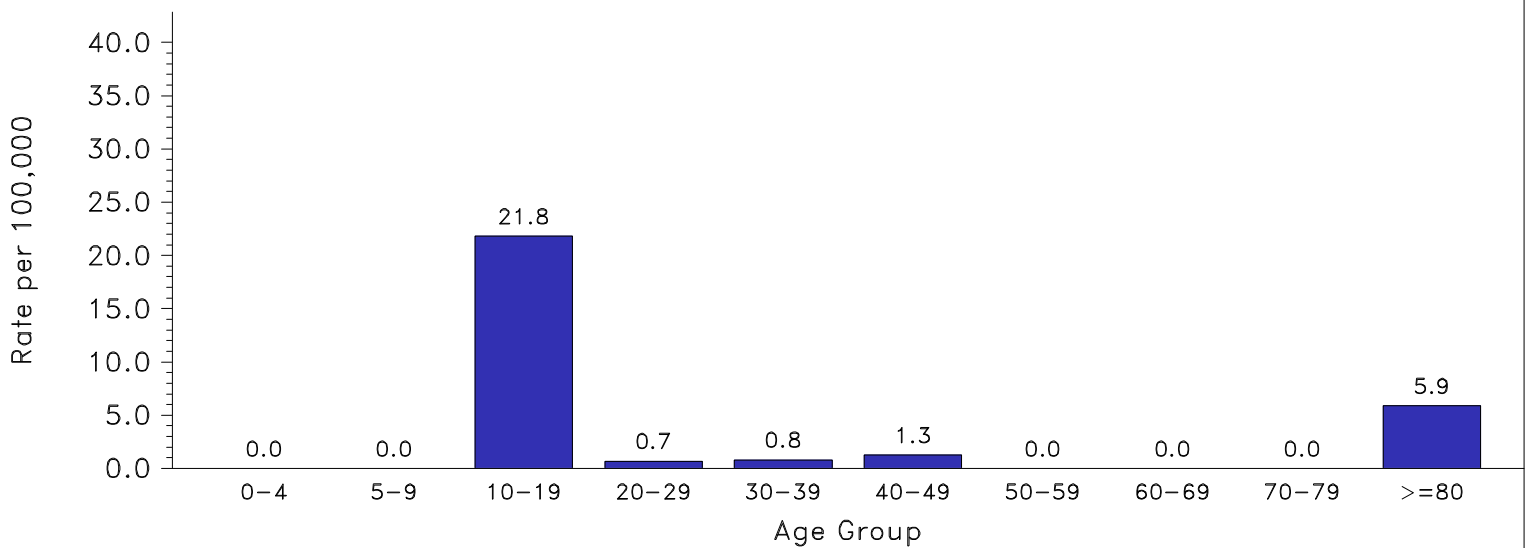


Figure 3. Rate of STEC Disease by Sex and Year, RI, 2006–2010

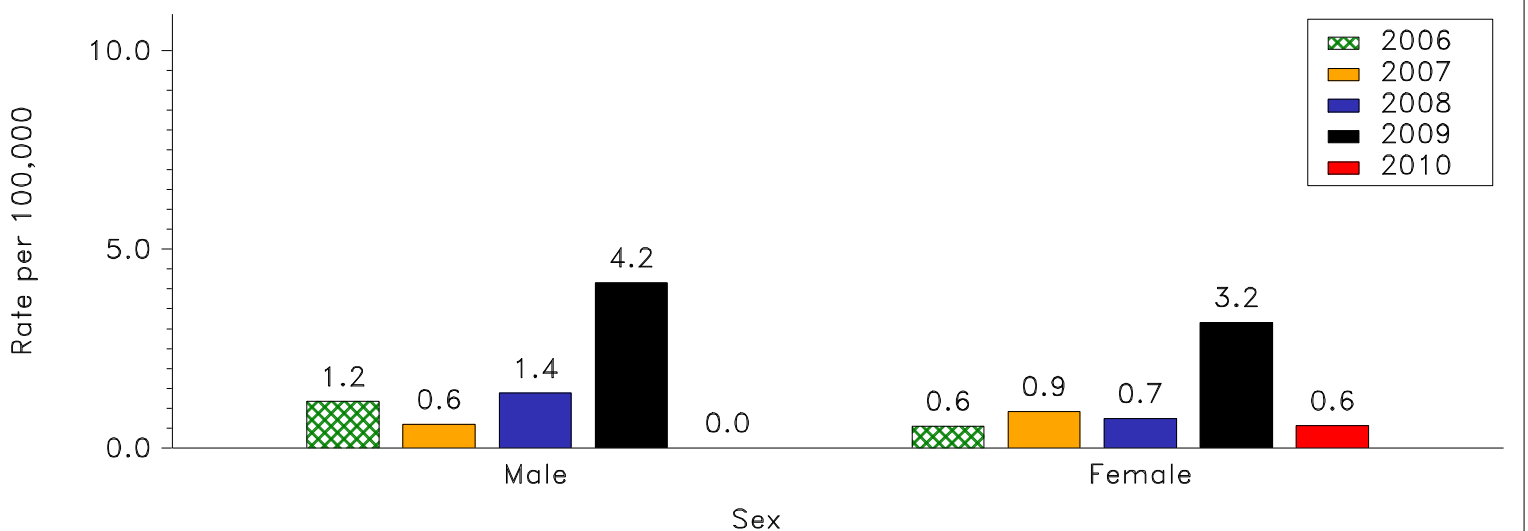


Figure 4. Reported Cases of STEC Disease by Month and Year, RI, 2006–2010

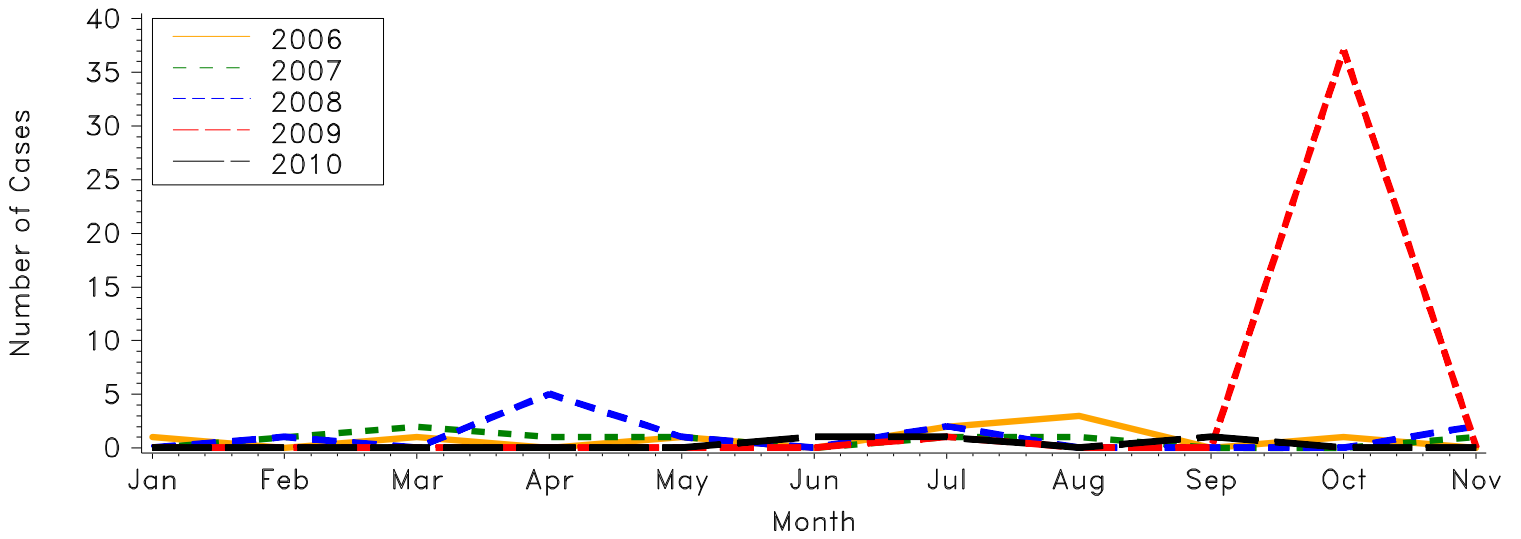
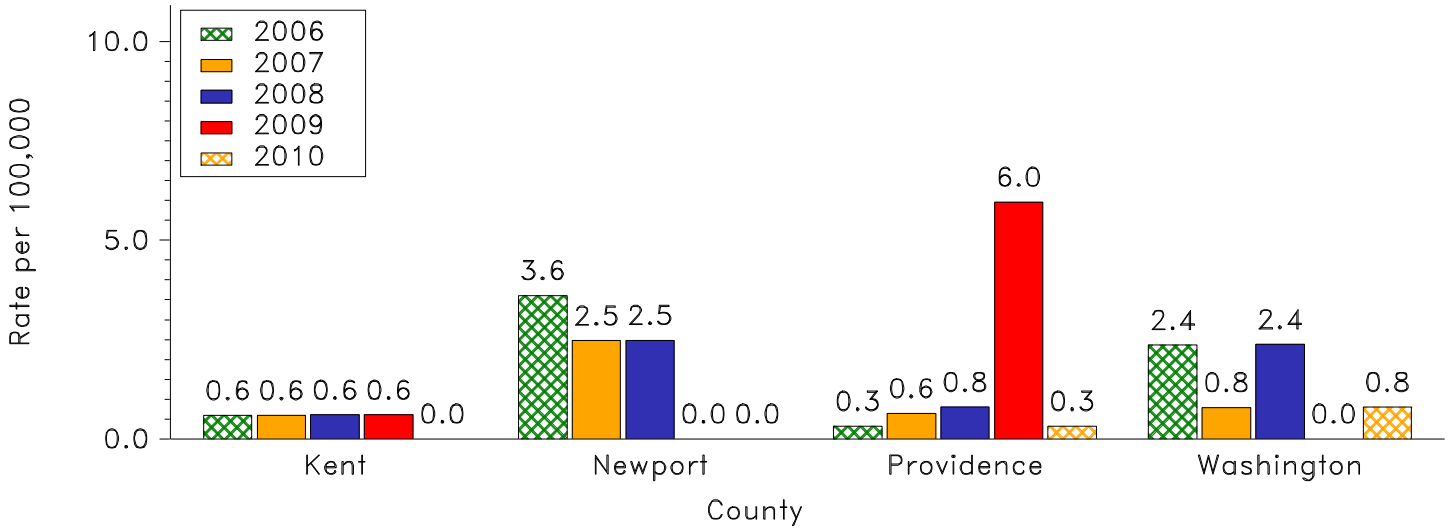


Figure 5: Rate of STEC Disease by County and Year, RI, 2006–2010



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	9	8	11	38	3

Table 2. Rate by Year	Year				
	2006	2007	2008	2009	2010
Rate per 100,000	0.9	0.8	1.1	3.7	0.3

Table 3. Frequency by Agegroup and Year	Year				
	2006	2007	2008	2009	2010
0-4	1	2	2	0	0
5-9	2	0	0	0	0
10-19	0	0	2	31	0
20-29	4	2	1	1	0
30-39	0	1	1	1	1
40-49	0	1	2	2	0
50-59	2	0	0	0	1
60-69	0	0	2	0	0
70-79	0	1	1	0	1
>=80	0	1	0	3	0
Unknown	0	0	0	0	0
All	9	8	11	38	3

Notes:

1. STEC case counts include patients classified as either confirmed or probable cases. For 2007, the total case count also includes a case of Enterohem. E. Coli O157:H7.
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	1.6	3.3	3.3	0.0	0.0
5-9	3.2	0.0	0.0	0.0	0.0
10-19	0.0	0.0	1.4	21.8	0.0
20-29	2.8	1.4	0.7	0.7	0.0
30-39	0.0	0.7	0.8	0.8	0.8
40-49	0.0	0.6	1.2	1.3	0.0
50-59	1.4	0.0	0.0	0.0	0.7
60-69	0.0	0.0	2.2	0.0	0.0
70-79	0.0	1.7	1.7	0.0	1.8
>=80	0.0	2.0	0.0	5.9	0.0

Table 5. Frequency by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	3	5	4	17	3
Male	6	3	7	21	0
All	9	8	11	38	3

Table 6. Rate by Sex and Year	Year				
	2006	2007	2008	2009	2010
Female	0.6	0.9	0.7	3.2	0.6
Male	1.2	0.6	1.4	4.2	0.0

Notes:

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Table 7. Frequency by County and Year	Year				
	2006	2007	2008	2009	2010
Kent	1	1	1	1	0
Newport	3	2	2	0	0
Providence	2	4	5	37	2
Washington	3	1	3	0	1
All	9	8	11	38	3

Table 8. Rate by County and Year	Year				
	2006	2007	2008	2009	2010
Kent	0.6	0.6	0.6	0.6	0.0
Newport	3.6	2.5	2.5	0.0	0.0
Providence	0.3	0.6	0.8	6.0	0.3
Washington	2.4	0.8	2.4	0.0	0.8

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

(Continued)

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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 9. Frequency by Month and Year	Year				
	2006	2007	2008	2009	2010
Oct	1	0	0	37	0
Nov	0	1	2	0	0
All	9	8	11	38	3

Notes:

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