



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

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

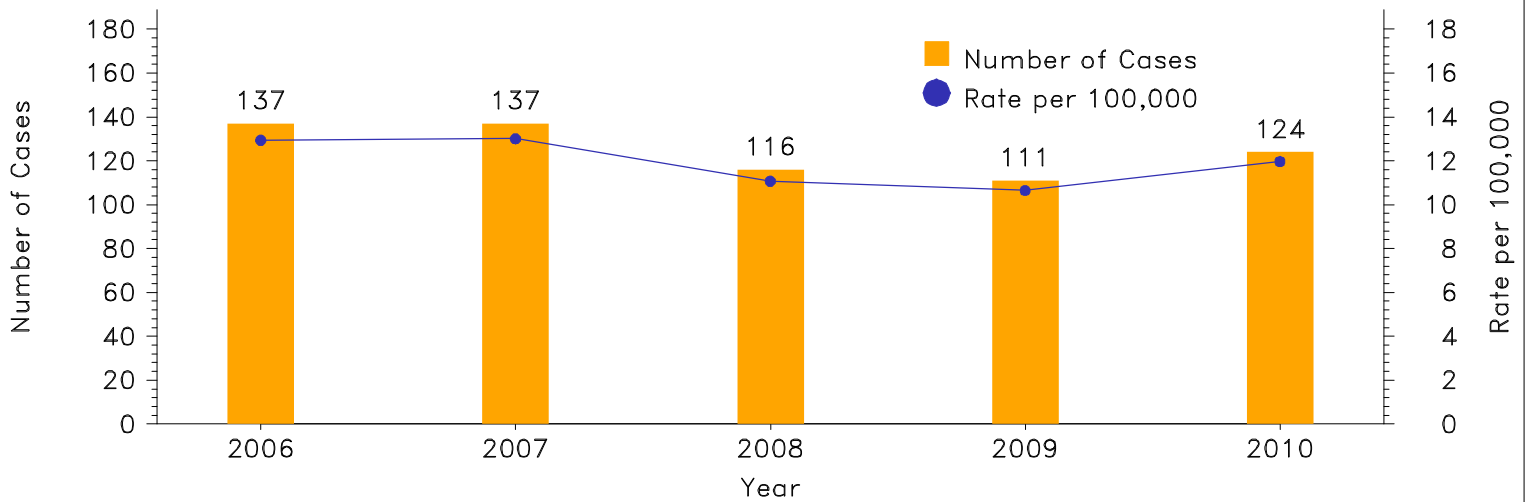


Figure 2. Rate of Campylobacteriosis by Age Group, RI, 2010

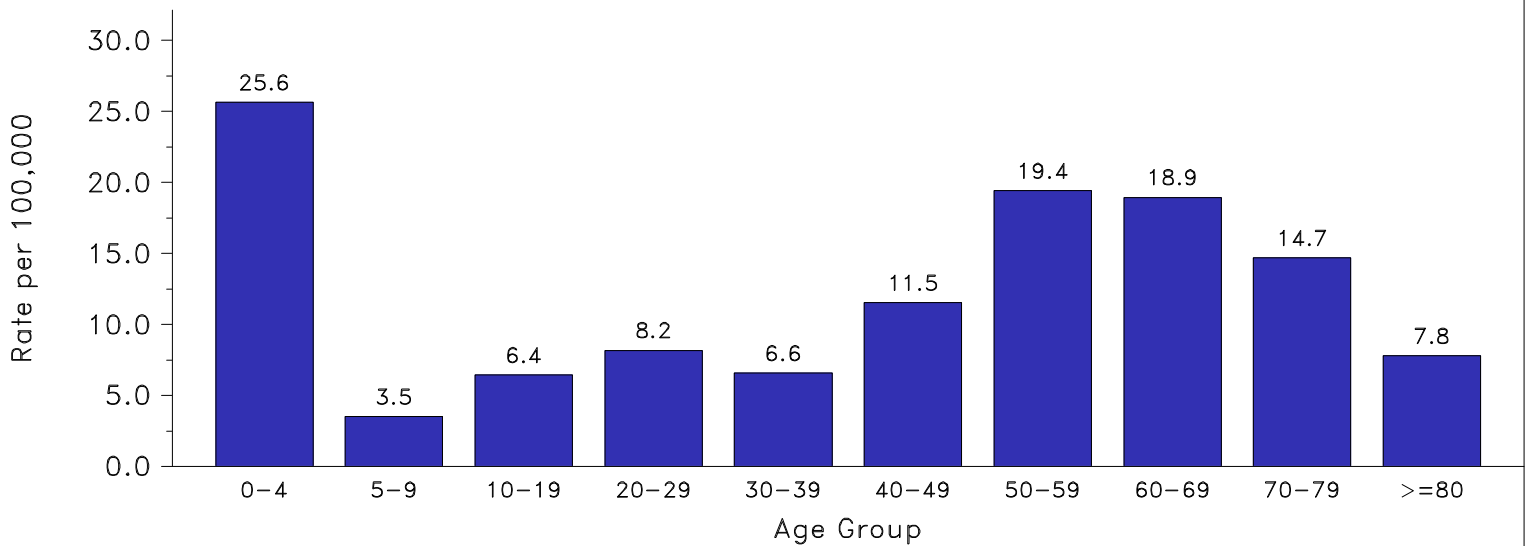


Figure 3. Rate of Campylobacteriosis by Sex and Year, RI, 2006–2010

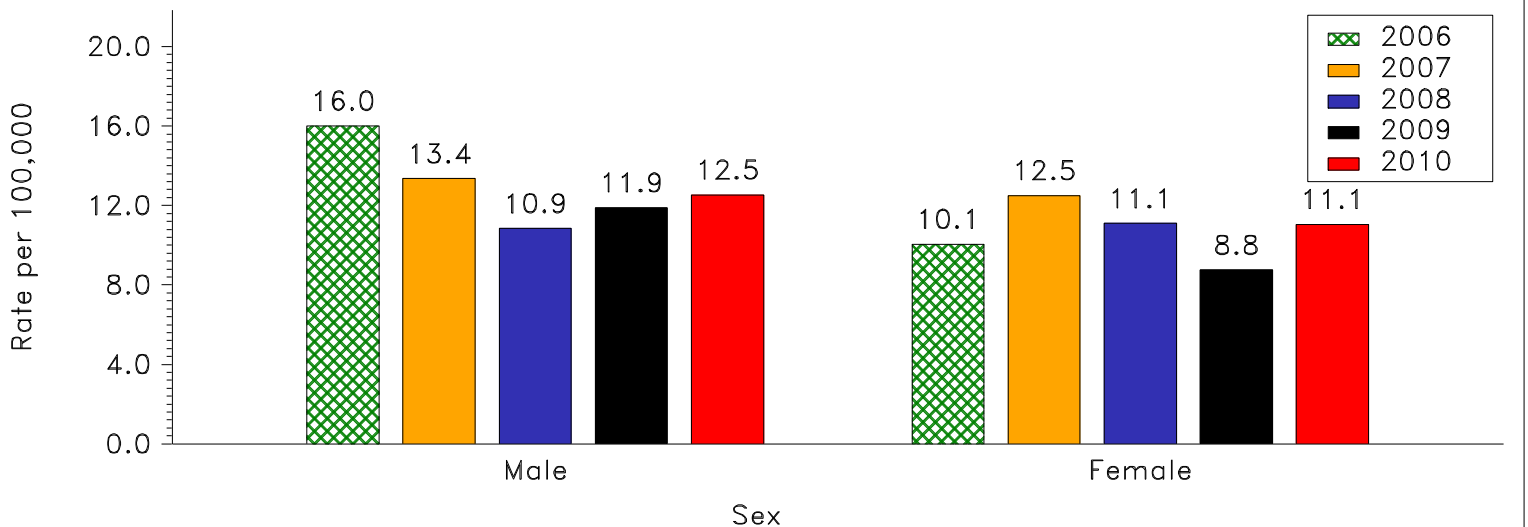


Figure 4. Reported Cases of Campylobacteriosis Disease by Month and Year, RI, 2006–2010

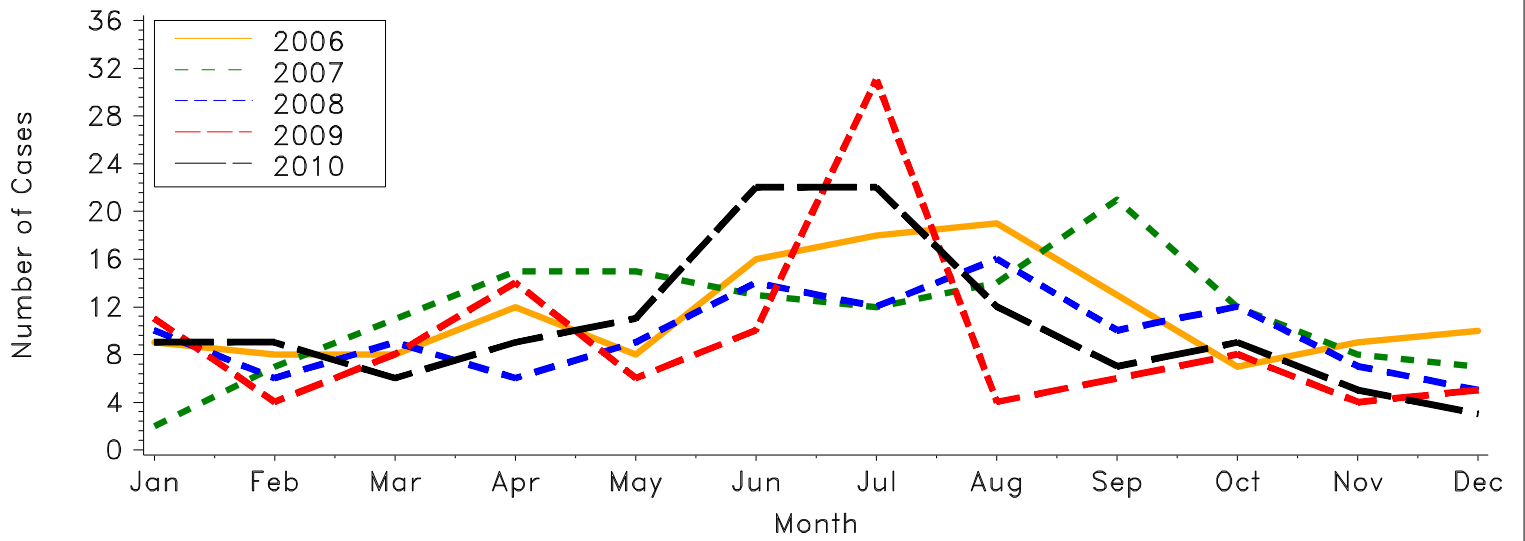
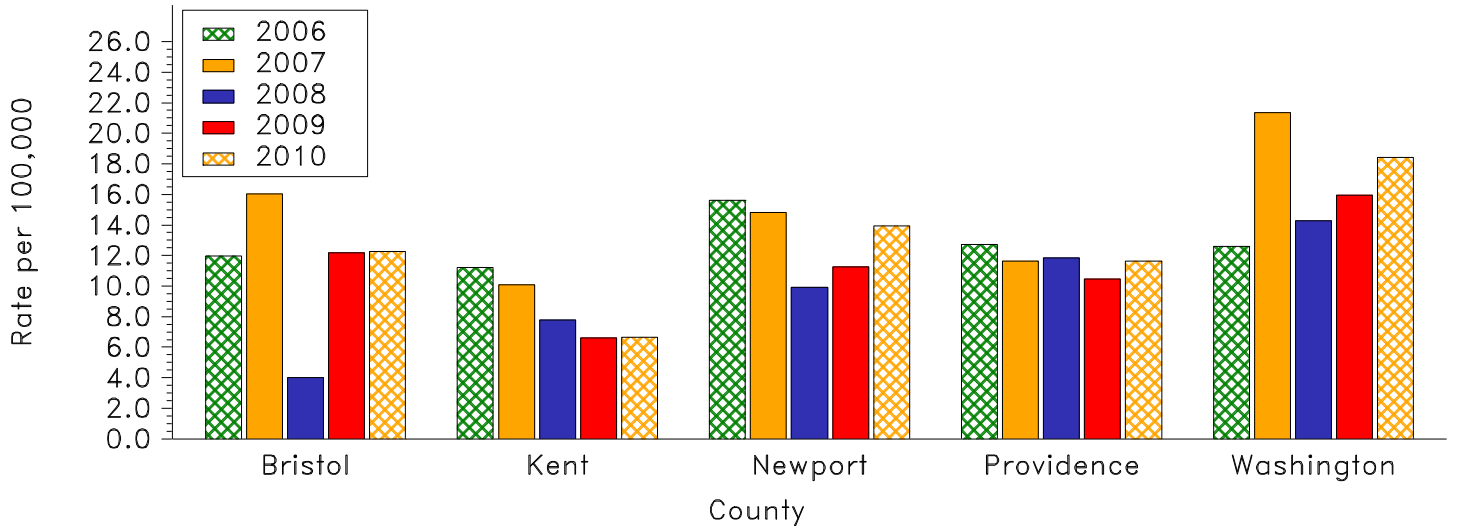


Figure 5: Rate of Campylobacteriosis by County and Year, RI, 2006–2010



| Table 1.<br>Frequency by<br>Year | Year |      |      |      |      |
|----------------------------------|------|------|------|------|------|
|                                  | 2006 | 2007 | 2008 | 2009 | 2010 |
| Number of Cases                  | 137  | 137  | 116  | 111  | 124  |

| Table 2.<br>Rate by Year | Year |      |      |      |      |
|--------------------------|------|------|------|------|------|
|                          | 2006 | 2007 | 2008 | 2009 | 2010 |
| Rate per 100,000         | 12.9 | 13.0 | 11.1 | 10.7 | 12.0 |

| Table 3.<br>Frequency<br>by<br>Agegroup<br>and Year | Year |      |      |      |      |
|---|------|------|------|------|------|
|   | 2006 | 2007 | 2008 | 2009 | 2010 |
| 0-4   | 6    | 10   | 8    | 12   | 15   |
| 5-9   | 7    | 4    | 3    | 5    | 2    |
| 10-19   | 9    | 16   | 10   | 3    | 9    |
| 20-29   | 19   | 12   | 13   | 17   | 12   |
| 30-39   | 13   | 12   | 12   | 13   | 8    |
| 40-49   | 23   | 26   | 26   | 18   | 18   |
| 50-59   | 31   | 22   | 21   | 19   | 29   |
| 60-69   | 8    | 12   | 14   | 9    | 19   |
| 70-79   | 13   | 11   | 8    | 7    | 8    |
| >=80  | 8    | 12   | 1    | 8    | 4    |
| All   | 137  | 137  | 116  | 111  | 124  |

- Notes:**
1. *Campylobacteriosis 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)*

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| Table 4.<br>Rate by<br>Agegroup<br>and Year | Year |      |      |      |      |
|---|------|------|------|------|------|
|   | 2006 | 2007 | 2008 | 2009 | 2010 |
| 0-4   | 9.8  | 16.4 | 13.3 | 20.3 | 25.6 |
| 5-9   | 11.2 | 6.6  | 5.0  | 8.6  | 3.5  |
| 10-19                                       | 6.1  | 11.0 | 6.9  | 2.1  | 6.4  |
| 20-29                                       | 13.2 | 8.3  | 8.9  | 11.6 | 8.2  |
| 30-39                                       | 9.4  | 8.9  | 9.2  | 10.3 | 6.6  |
| 40-49                                       | 13.8 | 15.9 | 16.2 | 11.4 | 11.5 |
| 50-59                                       | 21.8 | 15.5 | 14.5 | 12.9 | 19.4 |
| 60-69                                       | 9.5  | 13.3 | 15.0 | 9.3  | 18.9 |
| 70-79                                       | 21.2 | 18.5 | 13.8 | 12.5 | 14.7 |
| >=80  | 16.1 | 23.9 | 2.0  | 15.7 | 7.8  |

| Table 5.<br>Frequency<br>by Sex<br>and Year | Year |      |      |      |      |
|---|------|------|------|------|------|
|   | 2006 | 2007 | 2008 | 2009 | 2010 |
| Female                                      | 55   | 68   | 60   | 47   | 59   |
| Male  | 82   | 68   | 55   | 60   | 63   |
| Unknown                                     | 0    | 1    | 1    | 4    | 2    |
| All   | 137  | 137  | 116  | 111  | 124  |

| Table 6.<br>Rate by Sex<br>and Year | Year |      |      |      |      |
|-------------------------------------|------|------|------|------|------|
|                                     | 2006 | 2007 | 2008 | 2009 | 2010 |
| Female                              | 10.1 | 12.5 | 11.1 | 8.8  | 11.1 |
| Male                                | 16.0 | 13.4 | 10.9 | 11.9 | 12.5 |

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| Table 7.<br>Frequency<br>by County<br>and Year | Year |      |      |      |      |
|--|------|------|------|------|------|
|  | 2006 | 2007 | 2008 | 2009 | 2010 |
| Bristol  | 6    | 8    | 2    | 6    | 6    |
| Kent   | 19   | 17   | 13   | 11   | 11   |
| Newport  | 13   | 12   | 8    | 9    | 11   |
| Providence                                     | 80   | 73   | 74   | 65   | 72   |
| Unknown  | 3    | 0    | 1    | 0    | 1    |
| Washington                                     | 16   | 27   | 18   | 20   | 23   |
| All  | 137  | 137  | 116  | 111  | 124  |

| Table 8.<br>Rate by<br>County and<br>Year | Year |      |      |      |      |
|---|------|------|------|------|------|
|   | 2006 | 2007 | 2008 | 2009 | 2010 |
| Bristol                                   | 12.0 | 16.0 | 4.0  | 12.2 | 12.3 |
| Kent                                      | 11.2 | 10.1 | 7.8  | 6.6  | 6.7  |
| Newport                                   | 15.6 | 14.8 | 9.9  | 11.3 | 13.9 |
| Providence                                | 12.7 | 11.6 | 11.9 | 10.5 | 11.6 |
| Washington                                | 12.6 | 21.3 | 14.3 | 16.0 | 18.4 |

| Table 9.<br>Frequency<br>by Month<br>and Year | Year |      |      |      |      |
|---|------|------|------|------|------|
|   | 2006 | 2007 | 2008 | 2009 | 2010 |
| Jan   | 9    | 2    | 10   | 11   | 9    |
| Feb   | 8    | 7    | 6    | 4    | 9    |
| Mar   | 8    | 11   | 9    | 8    | 6    |
| Apr   | 12   | 15   | 6    | 14   | 9    |
| May   | 8    | 15   | 9    | 6    | 11   |
| Jun   | 16   | 13   | 14   | 10   | 22   |
| Jul   | 18   | 12   | 12   | 31   | 22   |

(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)

| <b>Table 9.<br/>Frequency<br/>by Month<br/>and Year</b> | <b>Year</b> |             |             |             |             |
|---|-------------|-------------|-------------|-------------|-------------|
|   | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> | <b>2010</b> |
| <b>Aug</b>  | 19          | 14          | 16          | 4           | 12          |
| <b>Sep</b>  | 13          | 21          | 10          | 6           | 7           |
| <b>Oct</b>  | 7           | 12          | 12          | 8           | 9           |
| <b>Nov</b>  | 9           | 8           | 7           | 4           | 5           |
| <b>Dec</b>  | 10          | 7           | 5           | 5           | 3           |
| <b>All</b>  | 137         | 137         | 116         | 111         | 124         |

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  - 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)**