





Chlamydia Surveillance 2010-2014

Rhode Island Department of Health

Division of Preparedness, Response, Infectious
Disease and Emergency Medical Services

Center for HIV, Hepatitis, STD, and TB

Summary: Chlamydia in RI, 2010-2014



- Cases of chlamydia have increased since 2010, reaching a rate of 413 cases per 100,000 people.
- Chlamydia rates are consistently higher in females than in males.
- The highest rates of chlamydia are in Providence County, with 77% of cases in Providence residents in 2014.
- The highest rates of chlamydia are in people ages 15-19 years and 20-24 years. This is consistent with trends in the last five years.

Figure 1: Reported Cases of Chlamydia by Year, RI, 2010-2014

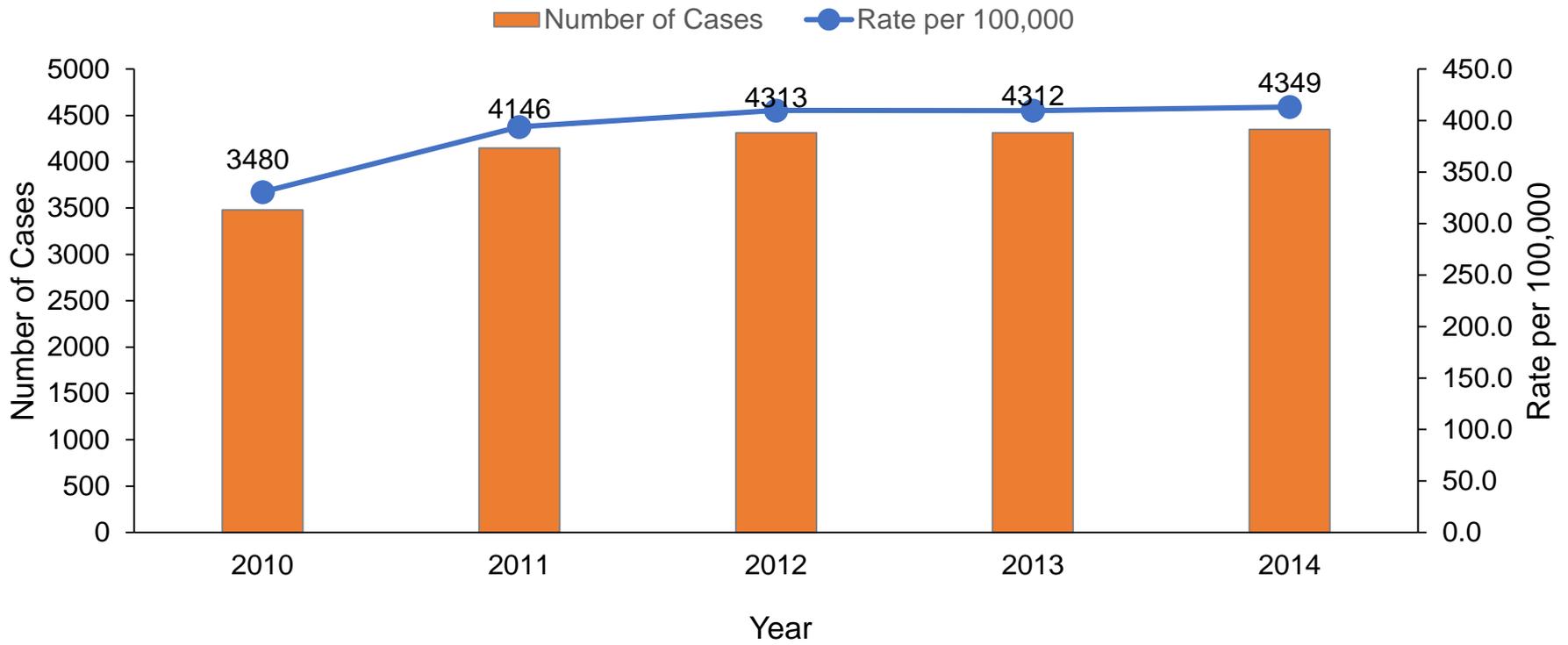


Figure 1: Cases of chlamydia have increased since 2010, reaching a rate of 413 cases per 100,000 people.

Figure 2: Rate of Chlamydia by Age Group, RI, 2014

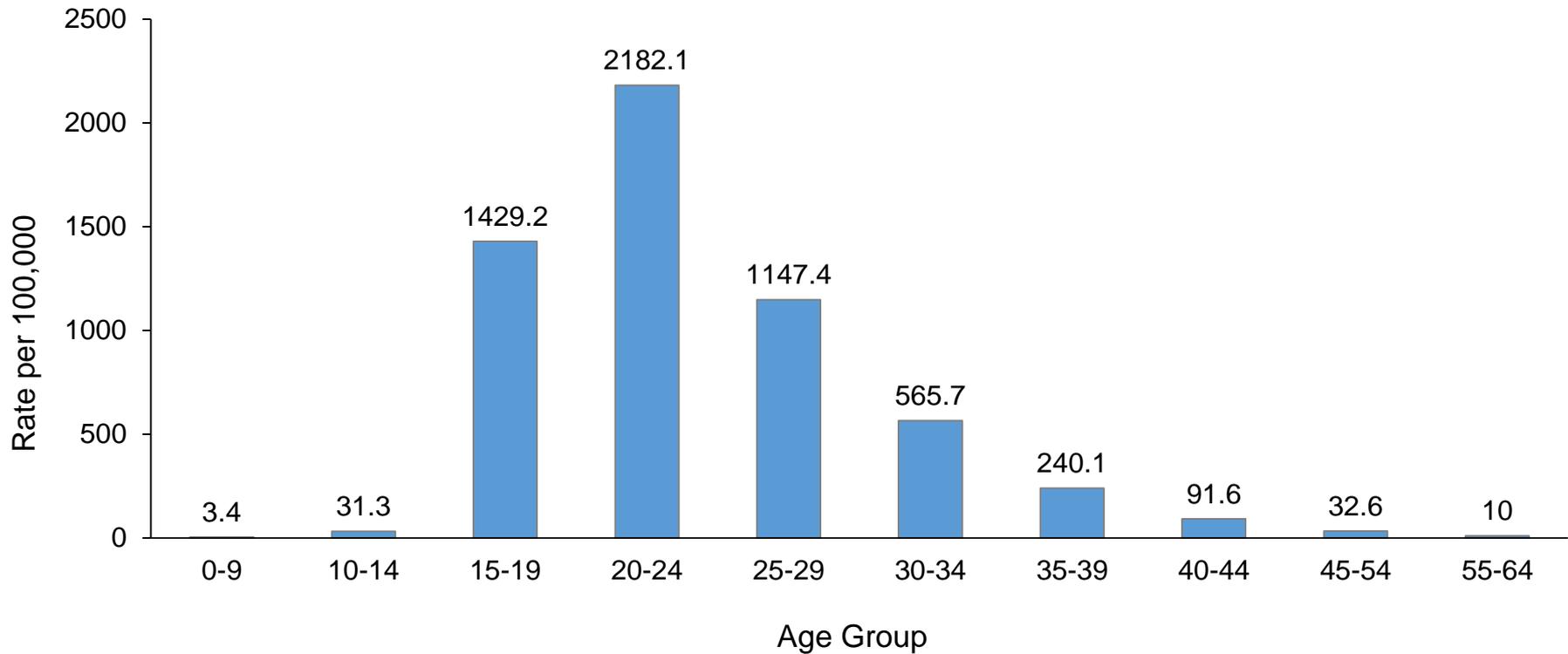


Figure 2: The highest rates of chlamydia are in people ages 15-19 years and 20-24 years. This is consistent with trends in the last five years.

Figure 3: Rate of Chlamydia by Sex and Year, RI, 2010-2014

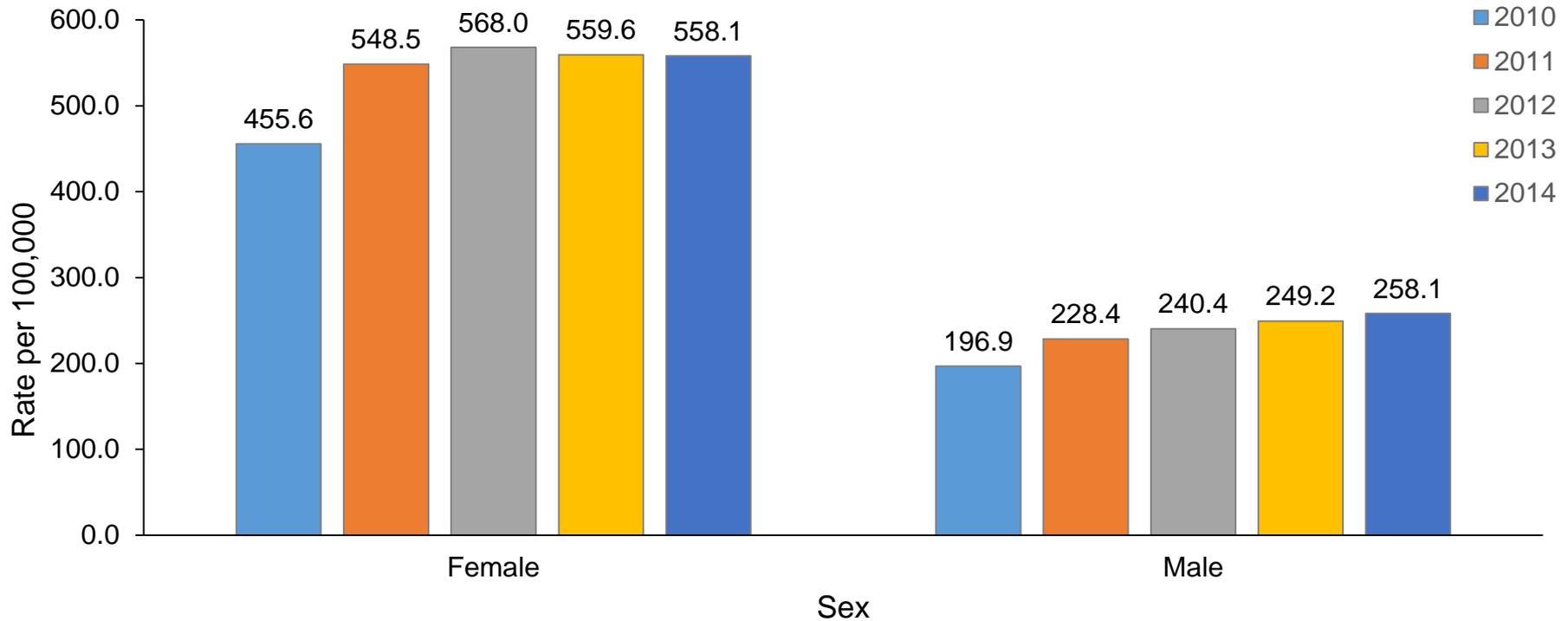


Figure 3: Chlamydia rates are consistently higher in females than in males. Although rates are much lower in males than in females, rates have been increasing in males since 2010.

Figure 4: Rate of Chlamydia by County and Year, RI, 2010-2014

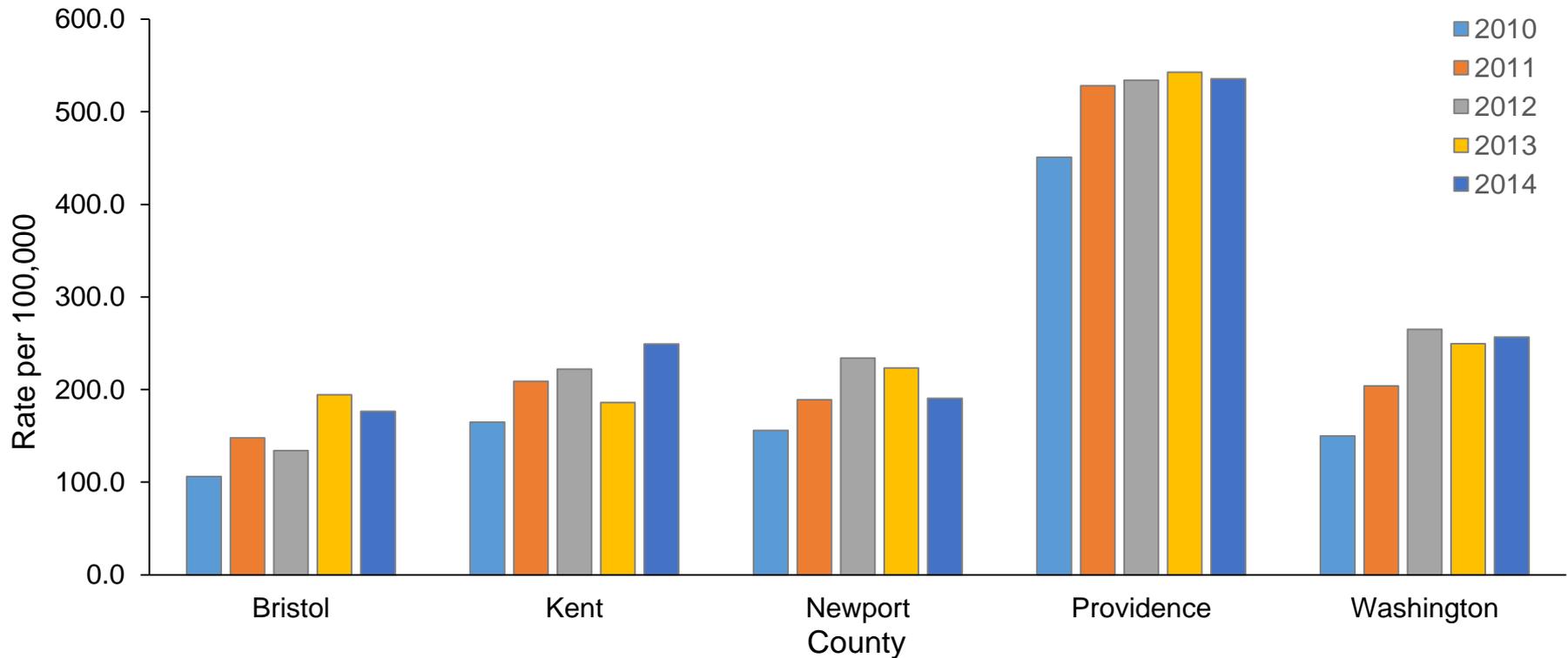


Figure 4: The highest rates of chlamydia are in Providence County, with 37% of cases in Providence residents.

Chlamydia Frequency and Rates by Year, RI, 2010-2014



Table 1. Frequency by Year

	2010	2011	2012	2013	2014
Number of Cases	3480	4146	4313	4312	4349

Table 2. Rate by Year

	2010	2011	2012	2013	2014
Rate per 100,000	330.6	393.9	409.8	409.7	413.2

Chlamydia Frequency by Age Group and Year, RI, 2010-2014



Table 3. Frequency by Age Group and Year

	2010	2011	2012	2013	2014
0-9	1	2	5	3	4
10-14	28	33	34	34	20
15-19	1139	1337	1409	1191	1144
20-24	1361	1725	1760	1784	1793
25-29	515	611	630	725	755
30-34	223	230	267	309	346
35-39	108	111	96	137	153
40-44	45	54	53	52	67
45-54	49	37	51	63	53
55-64	8	5	7	12	13
≥ 65	1	1	1	2	1
Unknown	1	0	0	0	0
Total	3480	4146	4313	4312	4349

Chlamydia Rates by Age Group and Year, RI, 2010-2014



Table 4. Rate by Age Group and Year

	2010	2011	2012	2013	2014
0-9	0.9	1.7	4.2	2.5	3.4
10-14	43.9	51.7	53.3	53.3	31.3
15-19	1422.9	1671.5	1760.2	1488.0	1429.2
20-24	1656.4	2098.2	2142.0	2171.2	2182.1
25-29	782.7	928.6	957.5	1102.0	1147.4
30-34	364.6	376.0	436.5	505.2	565.7
35-39	169.5	174.2	150.6	215.0	240.1
40-44	62.9	73.8	72.5	71.1	91.6
45-54	30.2	22.8	31.4	38.8	32.6
55-64	6.1	3.8	5.4	9.2	10.0
≥ 65	0.7	0.7	0.7	1.3	0.7

Chlamydia Frequency and Rates by Sex and Year, RI, 2010-2014



Table 5. Frequency by Sex and Year

	2010	2011	2012	2013	2014
Female	2479	2985	3091	3045	3037
Male	1001	1161	1222	1267	1312
Total	3480	4146	4313	4312	4349

Table 6. Rate by Sex and Year

	2010	2011	2012	2013	2014
Female	455.6	548.5	568.0	559.6	558.1
Male	196.9	228.4	240.4	249.2	258.1

Chlamydia Frequency By County and Year, RI, 2010-2014



Table 7. Frequency by County and Year

	2010	2011	2012	2013	2014
Bristol	53	74	67	97	88
Kent	274	347	369	309	414
Newport	129	157	194	185	158
Providence	2828	3307	3347	3401	3357
Washington	191	259	336	317	326
Unknown	5	2	0	3	6
All	3480	4146	4313	4312	4349

Chlamydia Rates by County and Year, RI, 2010-2014



Table 8. Rate by County and Year

	2010	2011	2012	2013	2014
Bristol	106.0	148.0	134.0	194.5	176.4
Kent	165.0	209.0	222.0	186.0	249.2
Newport	156.0	189.0	234.0	223.2	190.6
Providence	451.0	528.0	534.0	542.7	535.7
Washington	150.0	204.0	265.0	249.6	256.7



Notes on Data

- Rate is calculated per 100,000 people. The population denominator is based on 2010 US Census Population.