





# **Tuberculosis 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: Tuberculosis in RI, 2010-2014



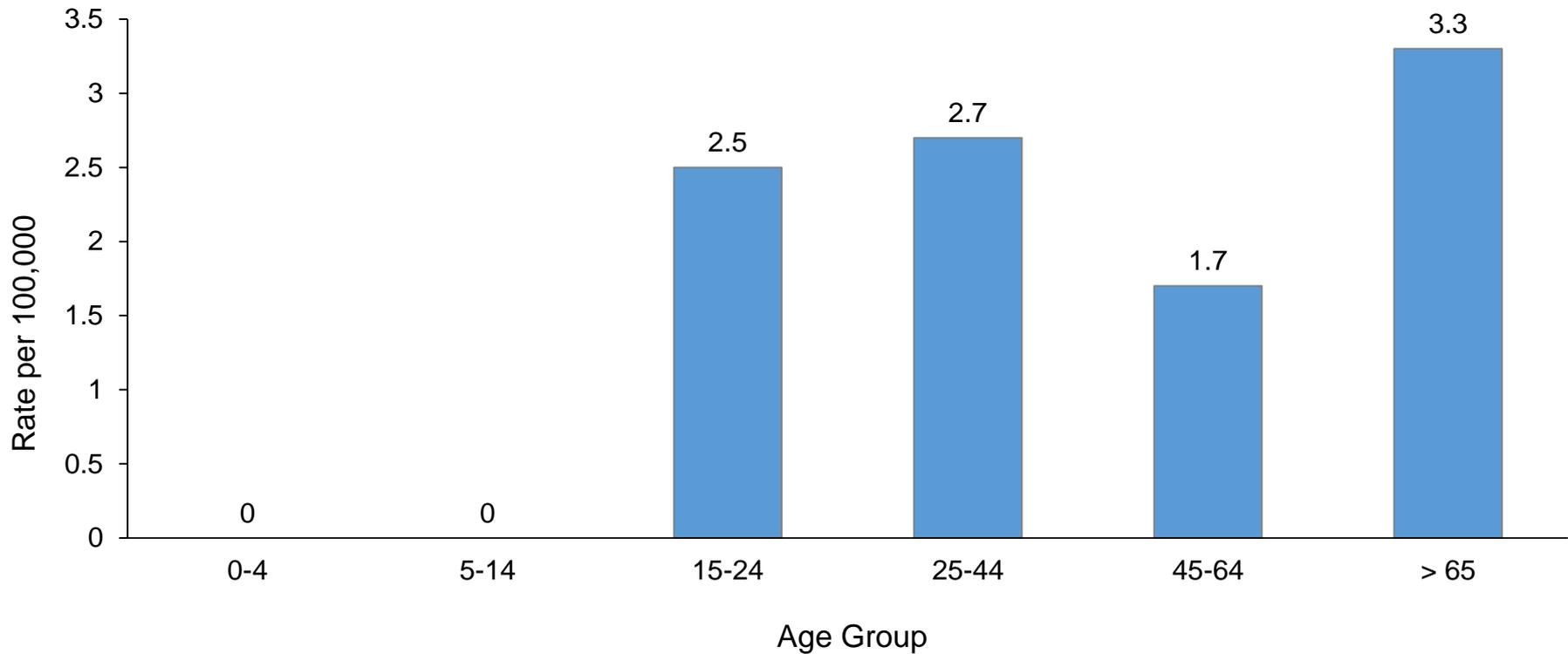
- In 2014, cases declined to a five-year low of 21 cases.
- The highest rate of tuberculosis in 2014 was among people age 65 and older, followed by people ages 25 to 44.
- The majority of tuberculosis cases occur in Providence County.

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



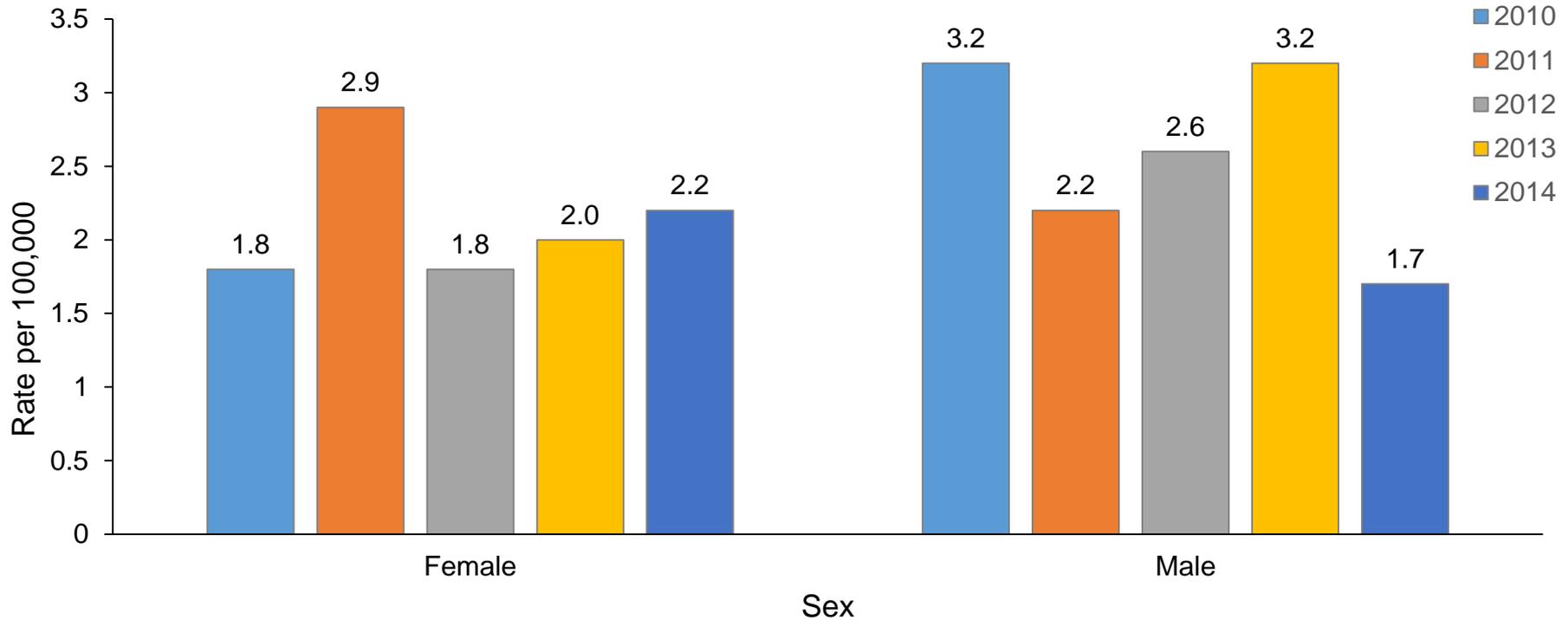
**Figure 1:** In 2014, cases declined to a five-year low of 21 cases.

# Figure 2: Rate of Tuberculosis by Age Group, RI, 2014



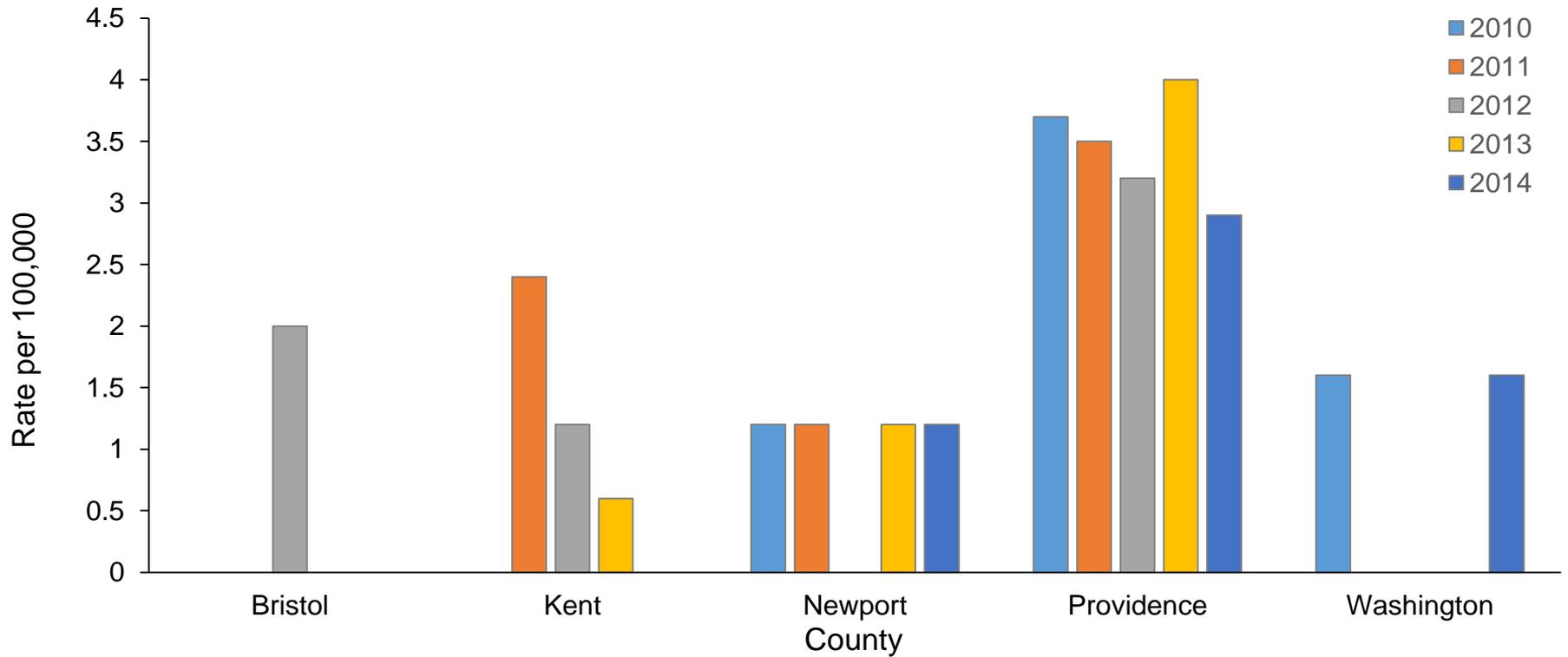
**Figure 2:** The highest rate of tuberculosis was in people age 65 and older, followed by people ages 25 to 44. No cases were seen in people age 15 and younger.

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



**Figure 3:** In the last three years, rates of tuberculosis have increased in females. In 2014, males had the lowest rate in the last five years.

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



**Figure 4:** The majority of tuberculosis cases occur in Providence County.

# Tuberculosis Frequency and Rates by Year, RI, 2010-2014



**Table 1. Frequency by Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Number of Cases</b>	26	27	23	27	21

**Table 2. Rate by Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Rate per 100,000</b>	2.5	2.6	2.2	2.6	2.0

# Tuberculosis Frequency by Age Group and Year, RI, 2010-2014



**Table 3. Frequency by Age Group and Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>0-4</b>	2	2	2	1	0
<b>5-14</b>	2	0	0	1	0
<b>15-24</b>	4	3	4	1	4
<b>25-44</b>	7	12	5	9	7
<b>45-64</b>	5	8	4	4	5
<b>≥ 65</b>	6	2	8	11	5
<b>Total</b>	26	27	23	27	21

# Tuberculosis Rates by Age Group and Year, RI, 2010-2014



**Table 4. Rate by Age Group and Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>0-4</b>	3.5	1.7	3.5	1.7	0.0
<b>5-14</b>	1.6	0.8	0.0	0.8	0.0
<b>15-24</b>	2.5	1.9	2.5	0.6	2.5
<b>25-44</b>	2.7	4.6	1.9	3.4	2.7
<b>45-64</b>	1.7	2.7	1.4	1.4	1.7
<b>≥ 65</b>	4.0	1.3	5.3	7.2	3.3

# Tuberculosis Frequency and Rates by Sex and Year, RI, 2010-2014



**Table 5. Frequency by Sex and Year**

	2010	2011	2012	2013	2014
<b>Female</b>	10	16	10	11	12
<b>Male</b>	16	11	13	16	9
<b>Total</b>	26	27	23	27	21

**Table 6. Rate by Sex and Year**

	2010	2011	2012	2013	2014
<b>Female</b>	1.8	2.9	1.8	2.0	2.2
<b>Male</b>	3.2	2.2	2.6	3.2	1.7

# Tuberculosis Frequency By County and Year, RI, 2010-2014



**Table 7. Frequency by County and Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Bristol</b>	0	0	1	0	0
<b>Kent</b>	0	4	2	1	0
<b>Newport</b>	1	1	0	1	1
<b>Providence</b>	23	22	20	25	18
<b>Washington</b>	2	0	0	0	2
<b>All</b>	26	27	23	27	21

# Tuberculosis Rates by County and Year, RI, 2010-2014



**Table 8. Rate by County and Year**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Bristol</b>	0.0	0.0	2.0	0.0	0.0
<b>Kent</b>	0.0	2.4	1.2	0.6	0.0
<b>Newport</b>	1.2	1.2	0.0	1.2	1.2
<b>Providence</b>	3.7	3.5	3.2	4.0	2.9
<b>Washington</b>	1.6	0.0	0.0	0.0	1.6



# Notes on Data

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