



Tuberculosis: Rhode Island, 2007-2016

Table 1: Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2007-2016, by selected demographic characteristics, site of disease, and culture confirmation.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Number of Cases	45	36	24	26	27	23	27	21	30	12
Case Rate*	4.2	3.4	2.3	2.5	2.6	2.2	2.6	2.0	2.9	1.1
Race										
White	28	13	12	13	9	12	10	11	17	4
Black/African American	12	9	2	5	8	5	8	8	4	4
Asian	5	13	10	8	10	6	9	2	9	4
Am Indian/AK Native	0	1	0	0	0	0	0	0	0	0
HI Native/Pacific Islander	0	0	0	0	0	0	0	0	0	0
Ethnicity										
Hispanic or Latino	15	9	6	8	6	9	6	11	12	3
Non-Hispanic or Latino	30	27	18	18	21	14	21	10	18	9
Race/Ethnicity										
Non-Hispanic White	13	4	6	5	4	4	4	2	6	2
Non-Hispanic Black	12	9	2	5	7	4	8	6	3	3
Hispanic or Latino	15	9	6	8	6	9	6	11	12	3
Asian	5	13	10	8	10	6	9	2	9	4
Am Indian/AK Native	0	1	0	0	0	0	0	0	0	0
HI Native/Pacific Islander	0	0	0	0	0	0	0	0	0	0
Sex										
Female	16	18	11	10	16	10	11	12	11	8
Male	29	18	13	16	11	13	16	9	19	4
County of Residence										
Bristol	1	0	0	0	0	1	0	0	3	0
Kent	2	3	1	0	4	2	1	0	1	1
Newport	1	0	1	1	1	0	1	1	2	1
Providence	40	31	21	23	22	20	25	18	23	10
Washington	1	2	1	2	0	0	0	2	1	0
Country of Origin										
United States	9	8	5	7	6	10	4	5	4	4
Not United States	36	28	19	19	21	13	23	16	26	8
Unknown	0	0	0	0	0	0	0	0	0	0
Age Group										
0 – 4	7	1	1	2	2	2	1	0	0	0
5 – 14	1	3	0	2	0	0	1	0	0	1
15 – 24	3	2	0	4	3	4	1	4	2	2
25 – 44	14	12	9	7	12	5	9	7	8	3
45 – 64	12	10	4	5	8	4	4	5	8	3
65 +	8	8	10	6	2	8	11	5	12	3

*Rates are expressed as cases/100,000 population. Rates from 2007-2009 are based on the population of Rhode Island as determined by the 2007-2009 Rhode Island Population estimates as calculated by the U.S. Bureau of the Census. The 2010-2016 rates are based on the population of Rhode Island as determined by the 2010 U.S. Census.



Table 1 (continued): Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2007-2016, by selected demographic characteristics, site of disease, and culture confirmation.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Site of disease										
Pulmonary	28	22	12	16	15	11	19	13	16	5
Extra-pulmonary	16	7	12	8	11	7	7	6	12	6
Both	1	7	0	2	1	5	1	2	2	1
Culture Confirmation										
Yes	16	23	17	19	20	19	13	15	18	9
No	29	13	7	7	7	4	14	6	12	3
Positive Sputum Smear										
Yes	5	11	2	10	7	8	5	7	7	5
No	40	25	22	16	20	15	22	14	23	7
Percent HIV Positive										
	9%	6%	13%	0%	7%	4%	7%	0%	3%	8%

Table 2: Percent distribution of drug-resistance among culture-confirmed tuberculosis cases for which drug susceptibility testing was performed, RI, 2007-2016.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Number of culture confirmed TB cases	16	23	17	19	20	19	13	15	18	9
Resistant to only one drug	6%	26%	12%	5%	25%	21%	8%	20%	0%	8%
Resistant to one or more drugs	6%	30%	12%	5%	25%	32%	8%	33%	0%	8%
Resistant to 2 or more drugs	0%	4%	0%	0%	0%	11%	0%	13%	0%	0%
MDR TB (resistance to both INH and RIF)	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%