



## Tuberculosis: Rhode Island, 2011-2020

Table 1: Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2011-2020, by selected demographic characteristics, site of disease, and culture confirmation.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Total Number of Cases</b>	27	23	27	21	30	12	13	20	14	8
<b>Case Rate*</b>	2.6	2.2	2.6	2	2.9	1.1	1.2	1.9	1.3	0.8
<b>Race</b>										
White	9	12	10	11	17	4	3	9	4	3
Black/African American	8	5	8	8	4	4	4	7	3	2
Asian	10	6	9	2	9	4	6	4	7	3
Am Indian/AK Native	0	0	0	0	0	0	0	0	0	0
HI Native/Pacific Islander	0	0	0	0	0	0	0	0	0	0
<b>Ethnicity</b>										
Hispanic or Latino	6	9	6	11	12	3	3	7	4	2
Non-Hispanic or Latino	21	14	21	10	18	9	10	13	10	6
<b>Race/Ethnicity</b>										
Non-Hispanic White	4	4	4	2	6	2	1	4	0	2
Non-Hispanic Black	7	4	8	6	3	3	3	5	3	2
Hispanic or Latino	6	9	6	11	12	3	3	7	4	2
Asian	10	6	9	2	9	4	6	4	7	2
Am Indian/AK Native	0	0	0	0	0	0	0	0	0	0
HI Native/Pacific Islander	0	0	0	0	0	0	0	0	0	0
<b>Sex</b>										
Female	16	10	11	12	11	8	5	10	8	2
Male	11	13	16	9	19	4	8	10	6	6
<b>County of Residence</b>										
Bristol	0	1	0	0	3	0	0	0	1	0
Kent	4	2	1	0	1	1	1	0	2	0
Newport	1	0	1	1	2	1	1	0	1	0
Providence	22	20	25	18	23	10	11	18	10	8
Washington	0	0	0	2	1	0	0	2	0	0
<b>Country of Origin</b>										
United States	6	10	4	5	4	4	1	4	1	1
Not United States	21	13	23	16	26	8	12	16	13	7
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Age Group</b>										
0 – 4	2	2	1	0	0	0	0	0	0	0
5 – 14	0	0	1	0	0	1	1	0	0	0
15 – 24	3	4	1	4	2	2	1	0	0	0
25 – 44	12	5	9	7	8	3	3	6	6	3
45 – 64	8	4	4	5	8	3	5	7	4	1
65 +	2	8	11	5	12	3	3	7	4	4



Table 1 (continued): Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2010-2019, by selected demographic characteristics, site of disease, and culture confirmation.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Site of disease</b>										
Pulmonary	15	11	19	13	16	5	10	14	9	6
Extra-pulmonary	11	7	7	6	12	6	1	5	3	2
Both	1	5	1	2	2	1	2	1	2	0
<b>Culture Confirmation</b>										
Yes	20	19	13	15	18	9	8	14	8	7
No	7	4	14	6	12	3	5	6	6	1
<b>Positive Sputum Smear</b>										
Yes	7	8	5	7	7	5	5	7	6	6
No	20	15	22	14	23	7	8	13	8	2
<b>Percent HIV Positive</b>	7%	4%	7%	0%	3%	8%	8%	10%	7%	13%

Table 2: Percent distribution of drug-resistance among culture-confirmed tuberculosis cases for which drug susceptibility testing was performed, RI, 2010-2019.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Number of culture confirmed TB cases	20	19	13	15	18	9	8	14	8	7
Resistant to only one drug	25%	21%	8%	20%	0%	8%	0%	19%	0%	0%
Resistant to one or more drugs	25%	32%	8%	33%	0%	8%	0%	24%	25%	13%
Resistant to 2 or more drugs	0%	11%	0%	13%	0%	0%	0%	5%	25%	0%
MDR TB (resistance to both INH and RIF)	0%	0%	0%	7%	0%	0%	0%	5%	25%	0%

\*Rates are expressed as cases/100,000 population. Rates for years 2011-2016 are based on the population of Rhode Island as determined by the 2010 U.S. Census; rates for years 2017-2020 are based on the population of Rhode Island as determined by the 2016 U.S. RI Census Estimate.