



Tuberculosis: Rhode Island, 2005-2014

Table 1: Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2005-2014, by selected demographic characteristics, site of disease, and culture confirmation.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total Number of Cases	47	26	45	36	24	26	27	23	27	21
Case Rate*	4.4	2.4	4.2	3.4	2.3	2.5	2.6	2.2	2.6	2.0
Race										
White	33	16	28	13	12	13	9	12	10	11
Black	5	5	12	9	2	5	8	5	8	8
Asian	9	5	5	13	10	8	10	6	9	2
Am Indian/AK Native	0	0	0	1	0	0	0	0	0	0
Ethnicity										
Hispanic	16	13	15	9	6	8	6	9	6	11
Non-Hispanic	31	13	30	27	18	18	21	14	21	10
Race/Ethnicity										
Non-Hispanic White	17	3	13	4	6	5	4	4	4	2
Non-Hispanic Black	5	5	12	9	2	5	7	4	8	6
Hispanic	16	13	15	9	6	8	6	9	6	11
Asian/Pacific Islander	9	5	5	13	10	8	10	6	9	2
Am Indian/AK Native	0	0	0	1	0	0	0	0	0	0
Sex										
Female	20	9	16	18	11	10	16	10	11	12
Male	27	17	29	18	13	16	11	13	16	9
County of Residence										
Bristol	1	0	1	0	0	0	0	1	0	0
Kent	5	0	2	3	1	0	4	2	1	0
Newport	4	0	1	0	1	1	1	0	1	1
Providence	35	25	40	31	21	23	22	20	25	18
Washington	2	1	1	2	1	2	0	0	0	2
Country of Origin										
United States	13	3	9	8	5	7	6	10	4	5
Not United States	33	23	36	28	19	19	21	13	23	16
Unknown	1	0	0	0	0	0	0	0	0	0
Age Group										
0 – 4	3	0	7	1	1	2	2	2	1	0
5 – 14	0	3	1	3	0	2	0	0	1	0
15 – 24	2	3	3	2	0	4	3	4	1	4
25 – 44	17	11	14	12	9	7	12	5	9	7
45 – 64	13	7	12	10	4	5	8	4	4	5
65 +	12	2	8	8	10	6	2	8	11	5

*Rates are expressed as cases/100,000 population. Rates from 2005-2009 are based on the population of Rhode Island as determined by the 2005-2009 Rhode Island Population estimates as calculated by the U.S. Bureau of the Census. The 2010-2014 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, 2005-2014, by selected demographic characteristics, site of disease, and culture confirmation.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Site of disease										
Pulmonary	26	13	28	22	12	16	15	11	19	13
Extra-pulmonary	17	12	16	7	12	8	11	7	7	6
Both	4	1	1	7	0	2	1	5	1	2
Culture Confirmation										
Yes	19	13	16	23	17	19	20	19	13	15
No	28	13	29	13	7	7	7	4	14	6
Positive Sputum Smear										
Yes	4	7	5	11	2	10	7	8	5	7
No	43	19	40	25	22	16	20	15	22	14
Percent HIV Positive										
	9%	12%	9%	6%	13%	0%	7%	4%	7%	0%

Table 2: Percent distribution of drug-resistance among culture-confirmed tuberculosis cases for which drug susceptibility testing was performed, RI, 2005-2014.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Number of culture confirmed TB cases	19	13	16	23	17	19	20	19	13	15
Resistant to only one drug	11%	15%	6%	26%	12%	5%	25%	21%	8%	20%
Resistant to one or more drugs	11%	23%	6%	30%	12%	5%	25%	32%	8%	33%
Resistant to 2 or more drugs	0%	8%	0%	4%	0%	0%	0%	11%	0%	13%
MDR TB (resistance to both INH and RIF)	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%