



Tuberculosis: Rhode Island, 2012-2021

Table 1: Reported cases and rate of active tuberculosis to the Rhode Island Department of Health, 2012-2021.

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total Number of Cases	23	27	21	30	12	13	19	14	7	17
*Rate per 100,000 population	2.2	2.6	2.0	2.9	1.1	1.2	1.8	1.3	0.7	1.6

Table 2: Frequency distribution of tuberculosis cases reported to Rhode Island Department of Health, 2012-2021 by five year aggregate, with selected demographic characteristics, site of disease, and culture confirmation.

	2012-2016	2017-2021
Total Number of Cases	113	70
*Average Annual Case Rate (per 100,000 population)	2.2	1.3
Race		
White	54	24
Black/African American	29	17
Asian	30	25
American Indian/Alaska Native	<5	<5
Native Hawaiian/Other Pacific Islander	<5	<5
Other/Unknown	<5	5
Ethnicity		
Hispanic or Latino	41	23
Non-Hispanic or Latino	72	47
Race/Ethnicity Combined		
Non-Hispanic White	18	9
Non-Hispanic Black	24	14
Hispanic or Latino	41	23
Asian	30	25
American Indian/Alaska Native	<5	<5
Native Hawaiian/Other Pacific Islander	<5	<5
Other/Unknown	<5	<5
Sex		
Female	52	29
Male	61	41



County of Residence		
Bristol	<5	<5
Kent	5	<5
Newport	5	<5
Providence	96	61
Washington	<5	<5
Country of Origin		
United States	27	8
Not United States	86	62
Age Group		
0 – 4	<5	<5
5 – 14	<5	<5
15 – 24	13	<5
25 – 44	32	22
45 – 64	24	24
65 +	39	20
Site of disease		
Pulmonary	64	47
Extra-pulmonary	38	15
Both	11	8
Culture Confirmation		
Yes	74	48
No	39	22
Positive Sputum Smear		
Yes	32	30
No	81	40
HIV Status		
Percent Positivity	4%	6%



Table 3: Frequency counts of drug-resistance among culture-confirmed tuberculosis cases for which drug susceptibility testing was performed, RI, 2012-2021.

	2012-2016	2017-2021
Number of culture-confirmed TB cases	74	45
Resistant to only one drug	9	<5
Resistant to one or more drugs	13	7
Resistant to 2 or more drugs	<5	<5
MDR TB (resistance to both INH and RIF)	<5	<5

Data Sources: RI NEDSS-Base System (NBS); 2010 U.S. Census Population Data; 2016 U.S. Census Population Data

*NOTE: All rates are expressed per 100,000 population. Rates for years 2012-2016 were calculated using the 2010 Census Population estimate for Rhode Island; rates for years 2017-2021 were calculated using the 2016 Census Population estimate. Values less than five are suppressed for confidentiality. If these data are used in a publication, please acknowledge the RI Department of Health, Division of Preparedness, Response, Infectious Disease, and Emergency Medical Services.

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