

Building a Healthy Boston

Tuberculosis Impact in Boston Residents: 2017

BOSTON PUBLIC HEALTH COMMISSION
Infectious Disease Bureau
Communicable Disease Control Division

Definitions



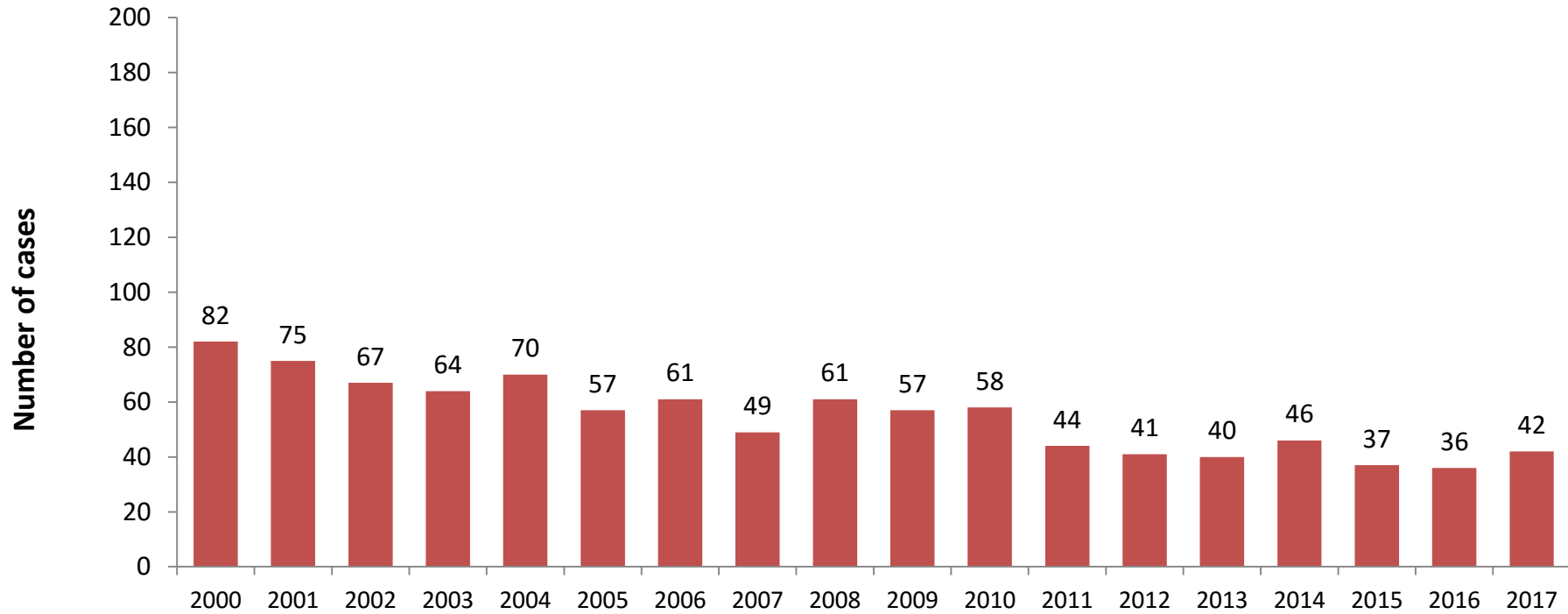
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- Data include Boston residents only
- “TB cases” are CDC/ATS/IDSA Class 3
 - “Active TB”
- “Latent TB infection” is CDC/ATS/IDSA Class 2
 - “Sleeping TB”



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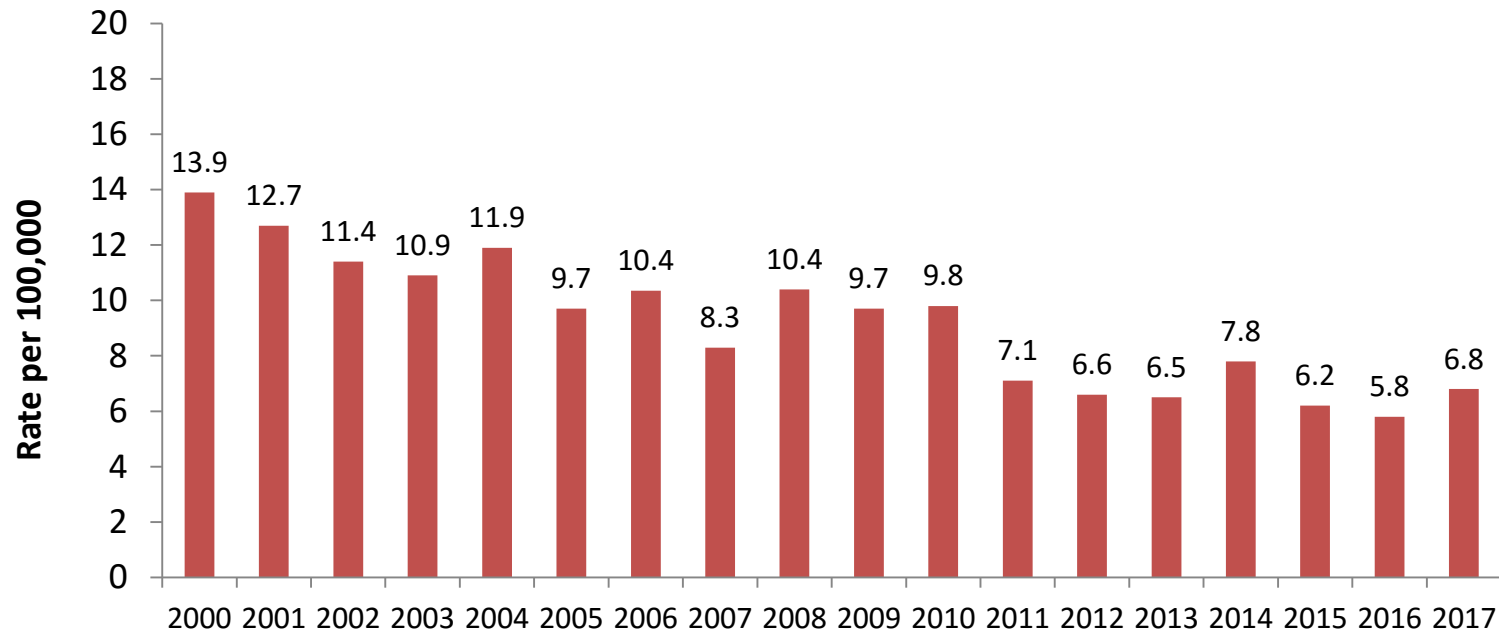
Number of TB Cases: Boston, 2000-2017





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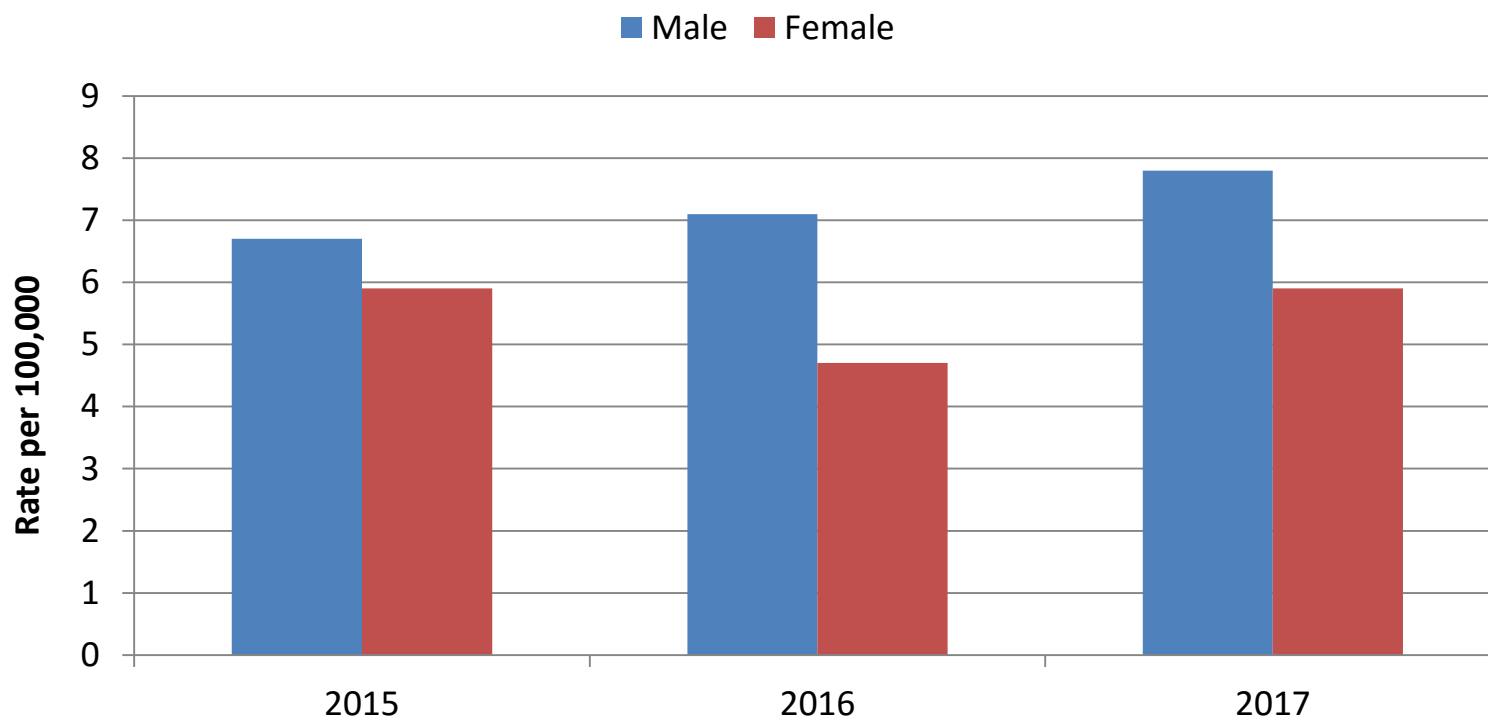
Incidence of TB: Boston, 2000-2017



Incidence of TB by Gender: Boston, 2015-2017



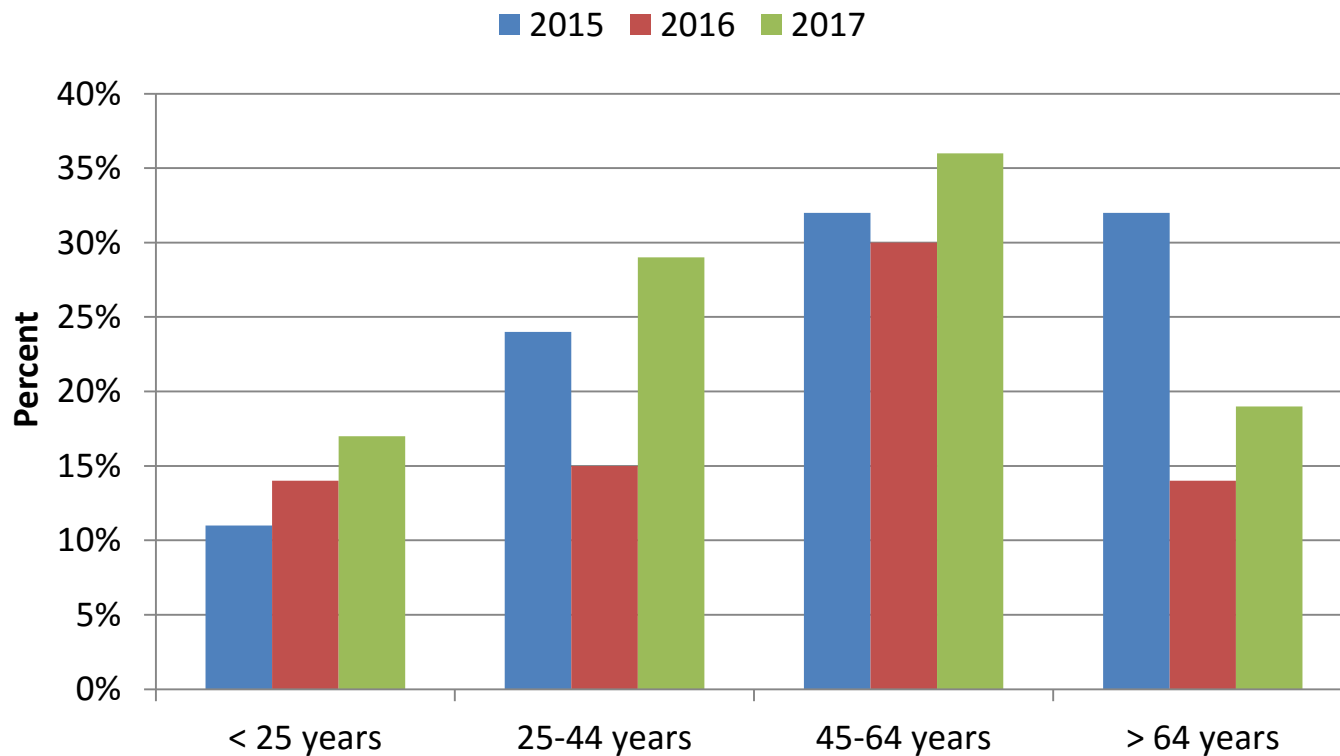
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Percent of Reported TB Cases by Age Group: Boston, 2015-2017



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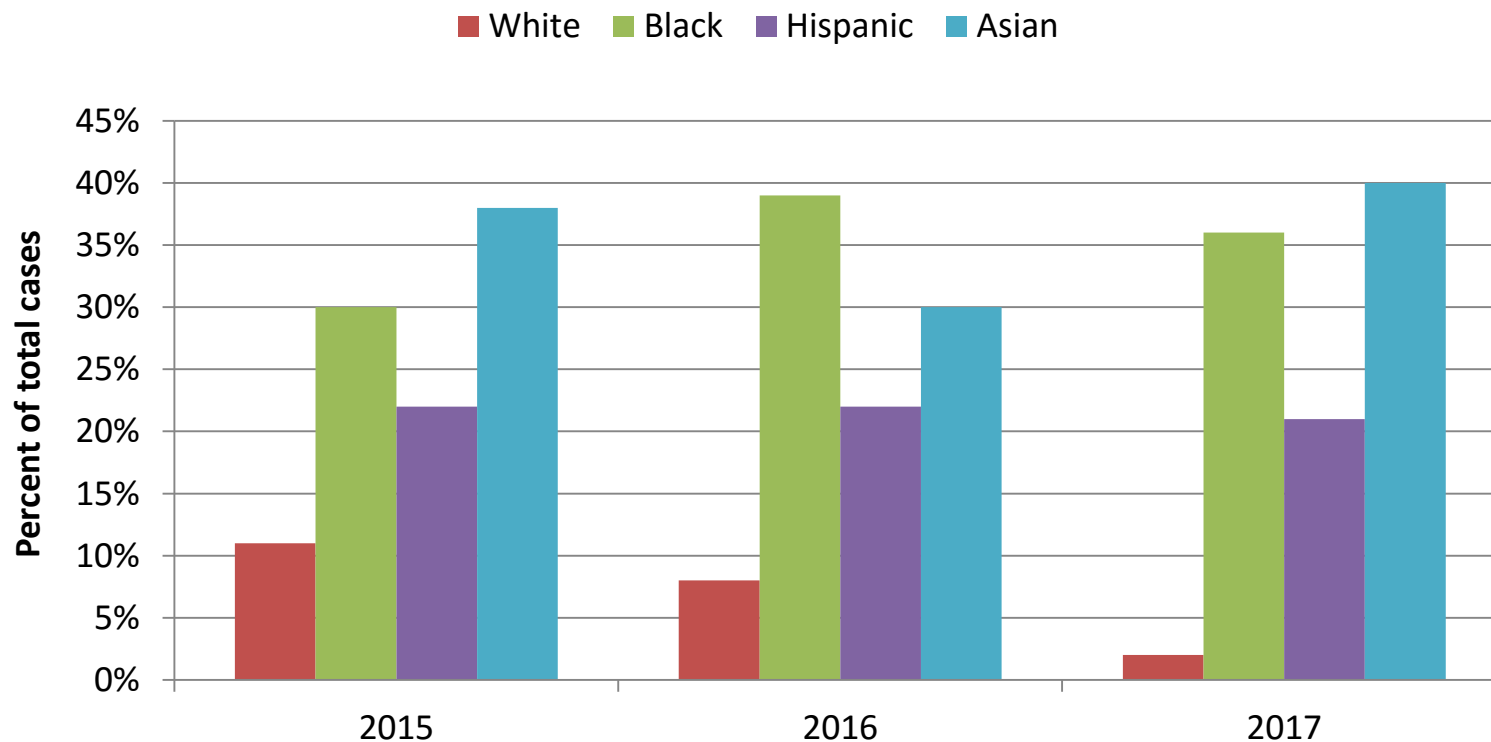


Results may not equal 100% due to rounding

Percent of Reported Tuberculosis Cases by Race/Ethnicity: Boston, 2015-2017



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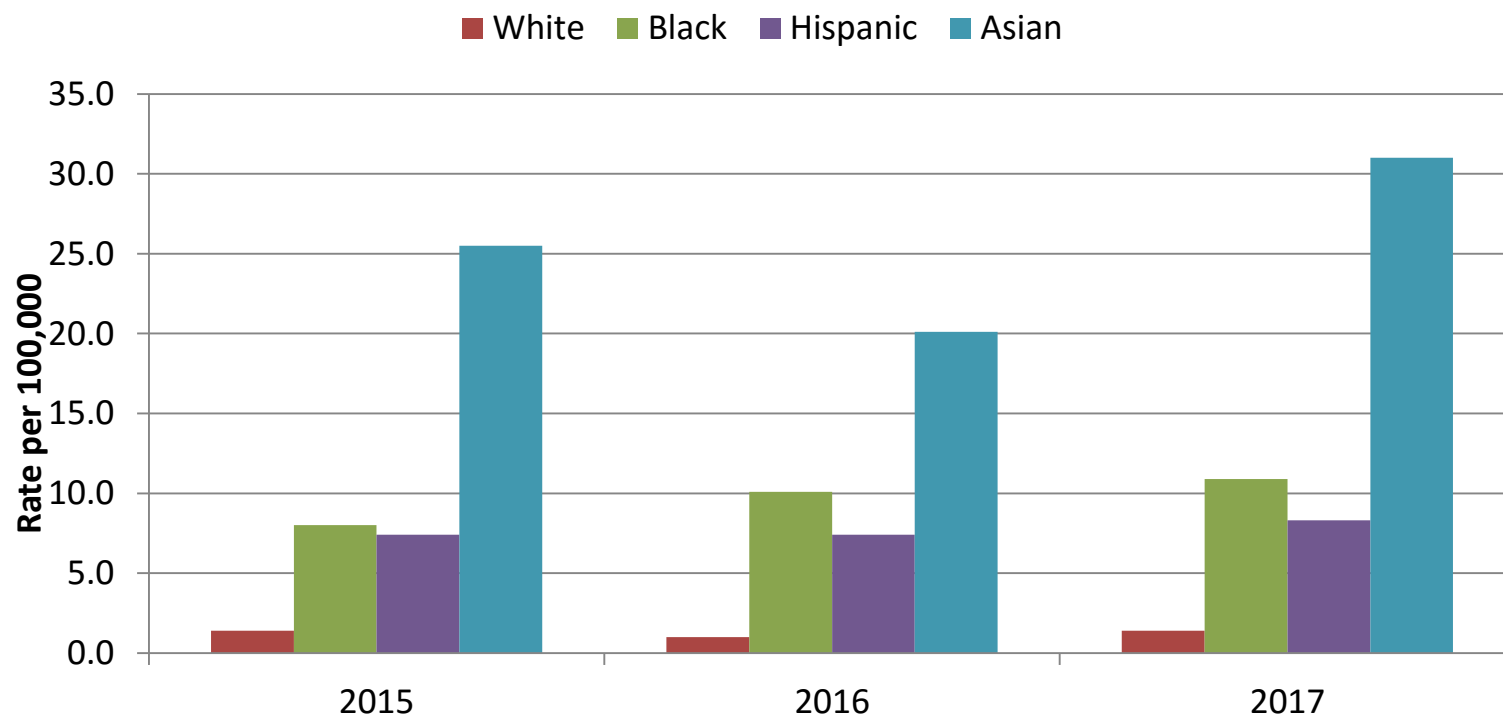


Results may not equal 100% due to rounding

Incidence of TB by Race/Ethnicity: Boston, 2015-2017



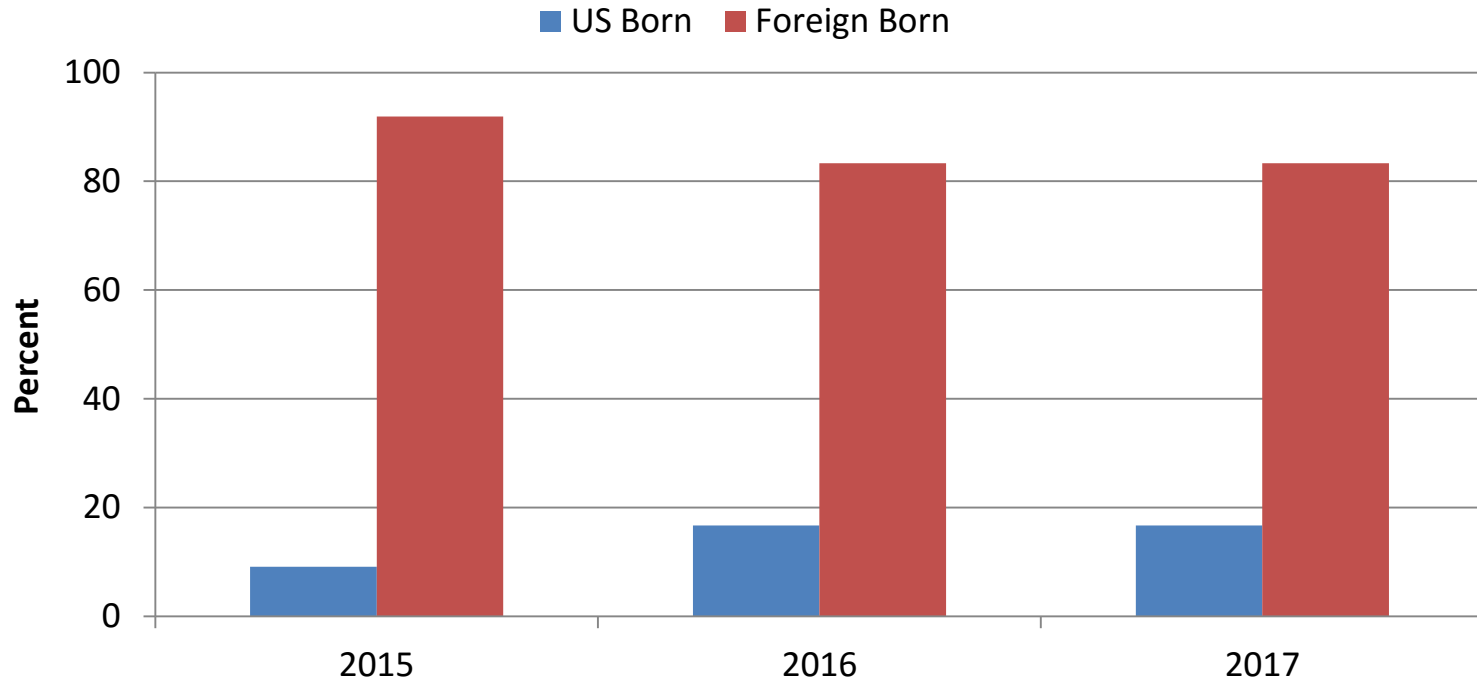
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TB Cases by Birthplace: Boston, 2015-2016



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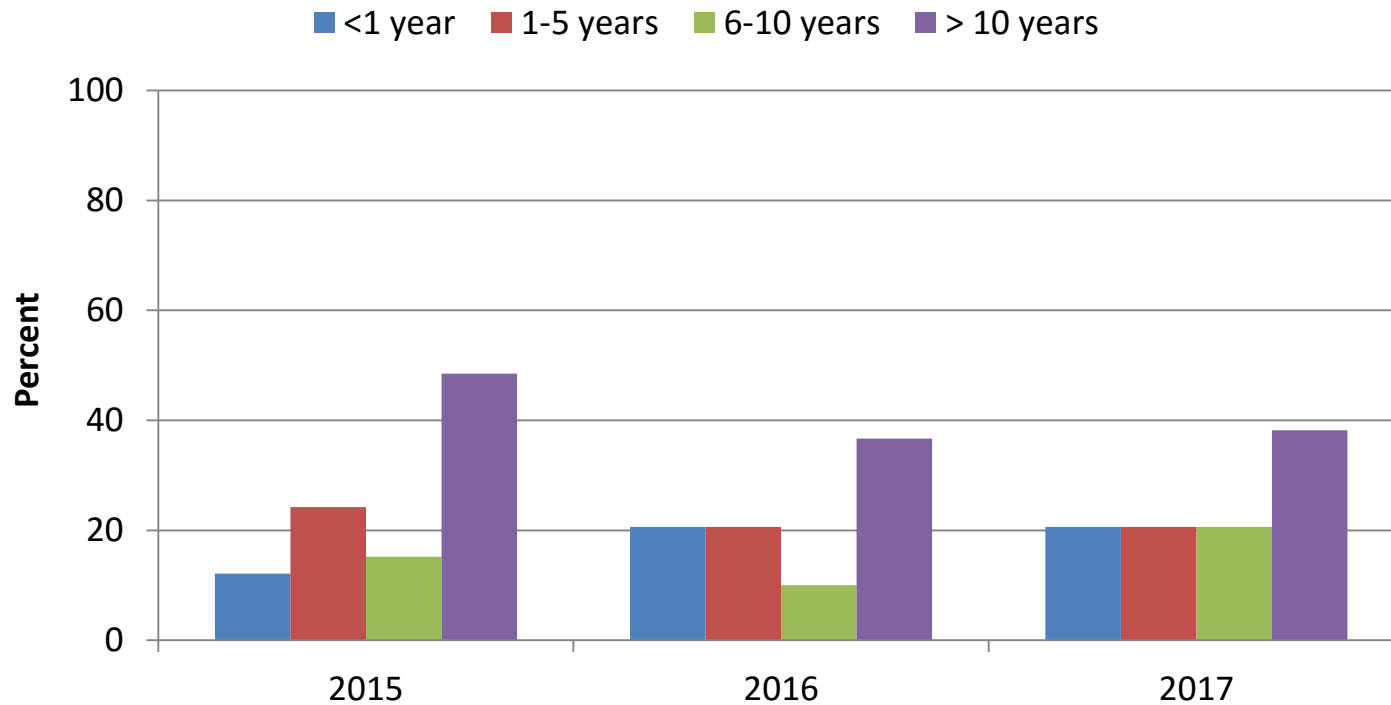


Results may not equal 100% due to rounding

Length of US Residence for Foreign Born TB Cases Prior to TB Diagnosis: Boston, 2015-2017



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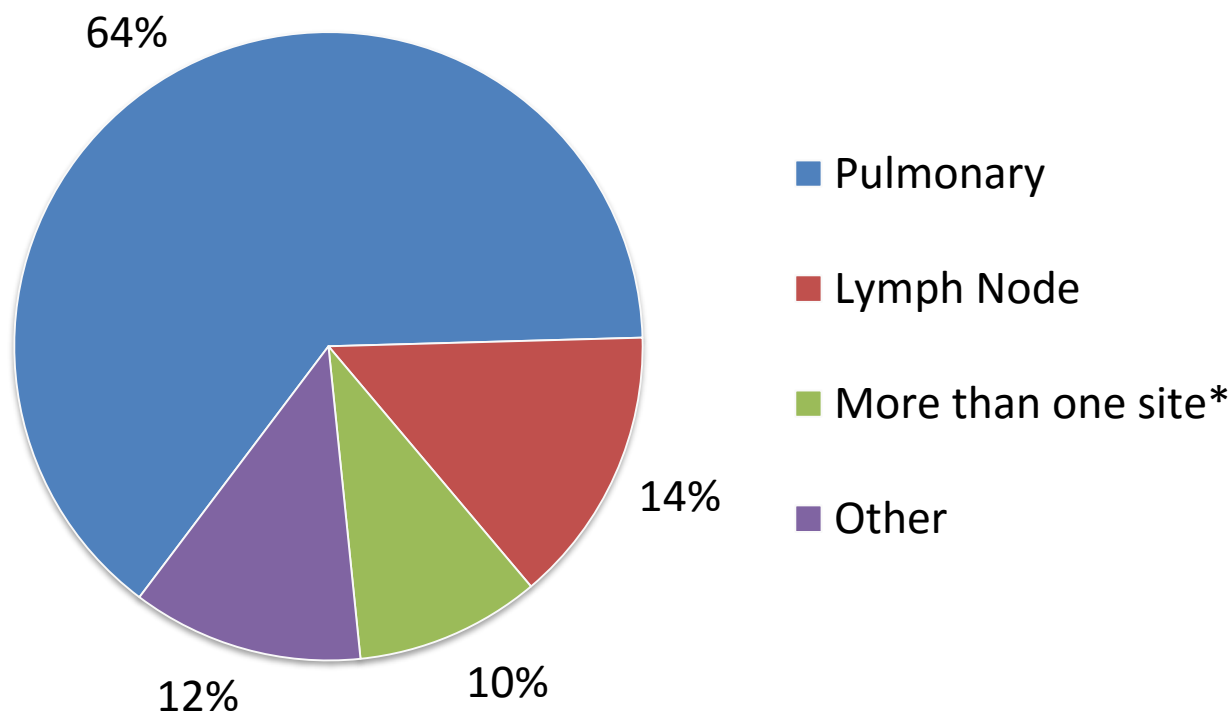


Results may not equal 100% due to rounding

Primary Site of TB Disease: Boston, 2017



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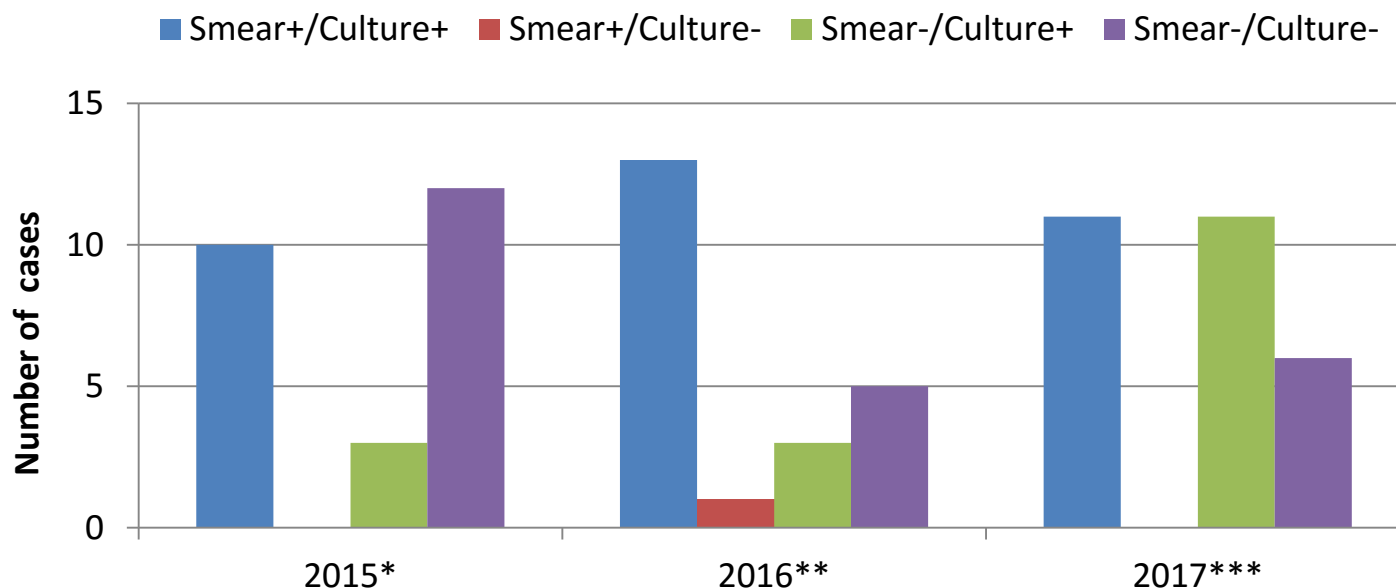


*Includes 2 cases of Pulmonary/Pleural TB; 1 case of Pulmonary /Lymph Node/Blood TB; and 1 case of Pleural/Spinal TB

Sputum Smear and Culture Results for Cases with Primary Pulmonary TB: Boston, 2015-2017



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*Sputum samples unavailable for 1 cases

**Sputum samples unavailable for 5 case

***Sputum sample unavailable for 2 cases

Drug Resistance* in TB Cases: Boston, 2017



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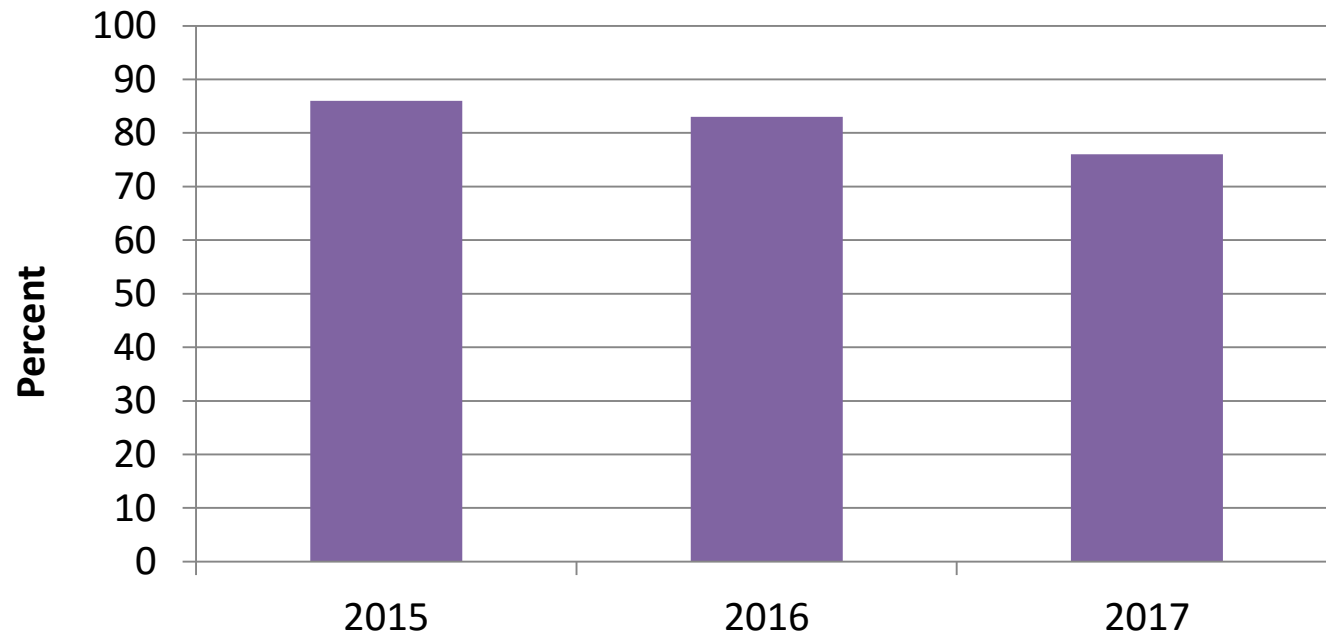
		Number
One Drug	Isoniazid	5
	Streptomycin	2
Two Drugs	Isoniazid; Ethionamide	2
	Isoniazid; Streptomycin	2
Four Drugs	Isoniazid; Ethambutol; Pyrazinamide; Rifampin	1
Five Drugs	Isoniazid; Ethambutol; Pyrazinamide; Rifampin; Streptomycin	1

*Two Boston cases with multidrug resistance

Completeness of HIV Testing* of TB Cases: Boston, 2015-2017



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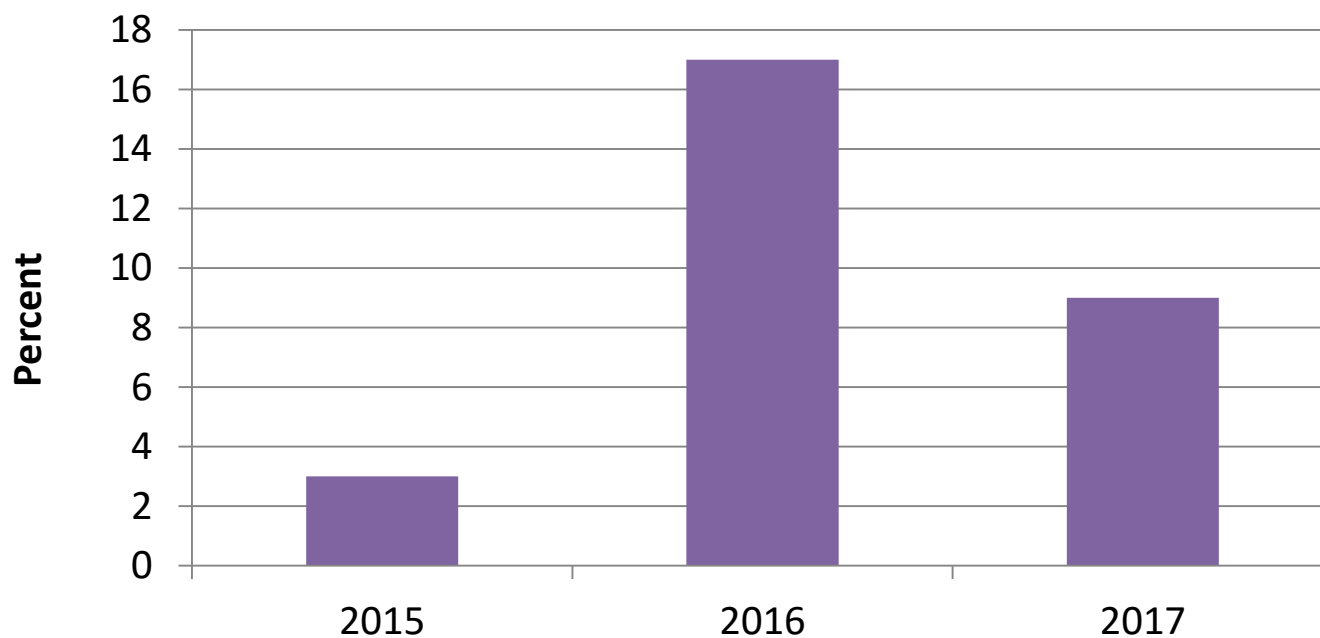


***Includes cases with negative, positive and indeterminate HIV test results**

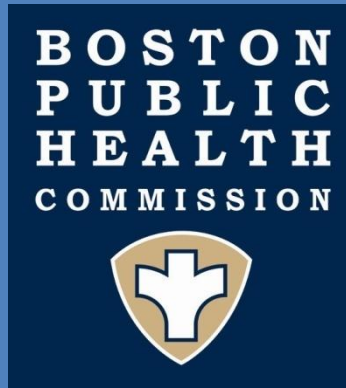
Percent TB Cases with HIV Infection: Boston, 2015-2017



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***Of those tested**



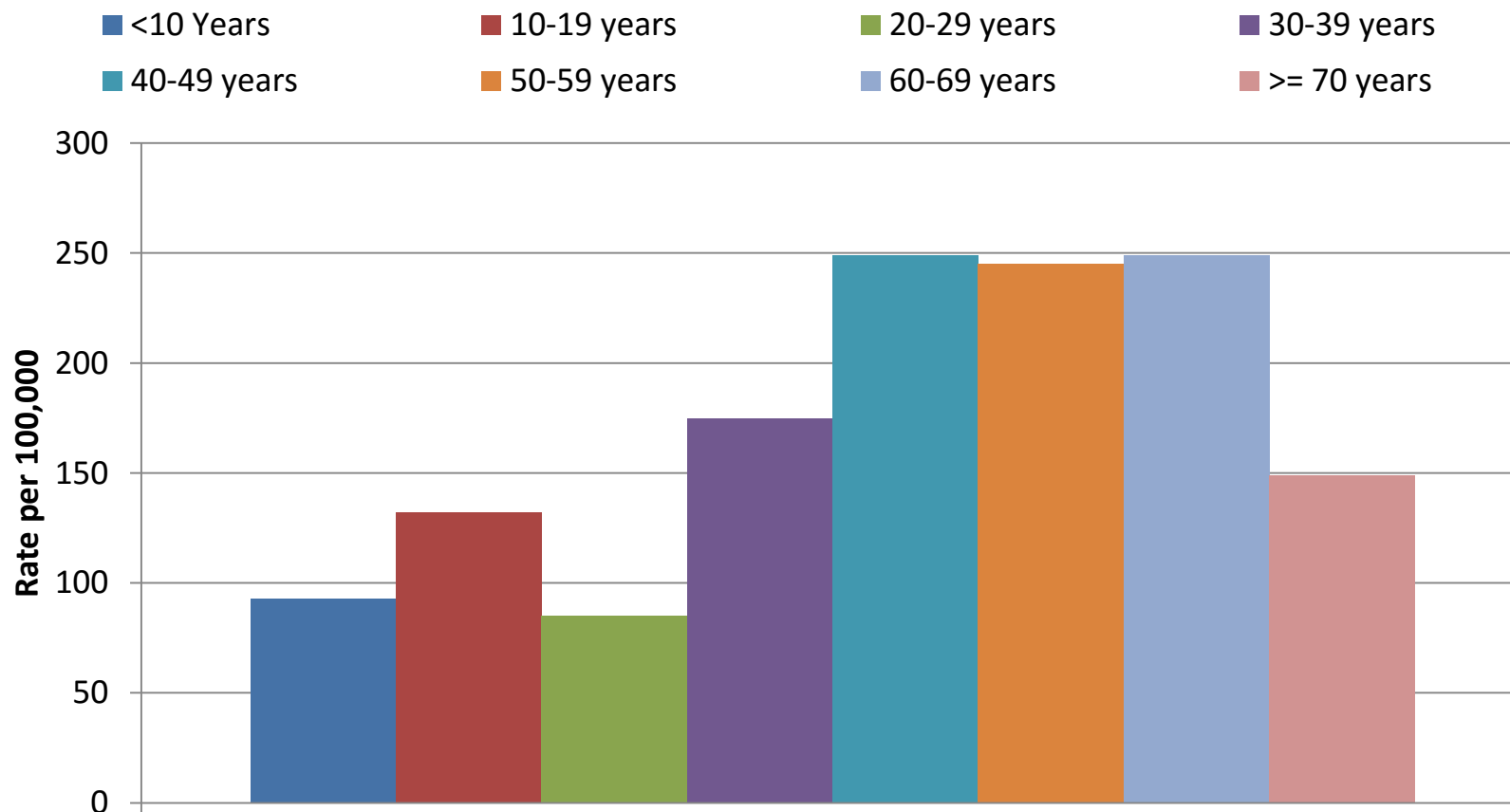
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Latent Tuberculosis Infection Boston Residents

Boston Residents with Latent TB Infection (N=969) Evaluated at the BPHC TB Clinic, Incidence by Age Group: 2017



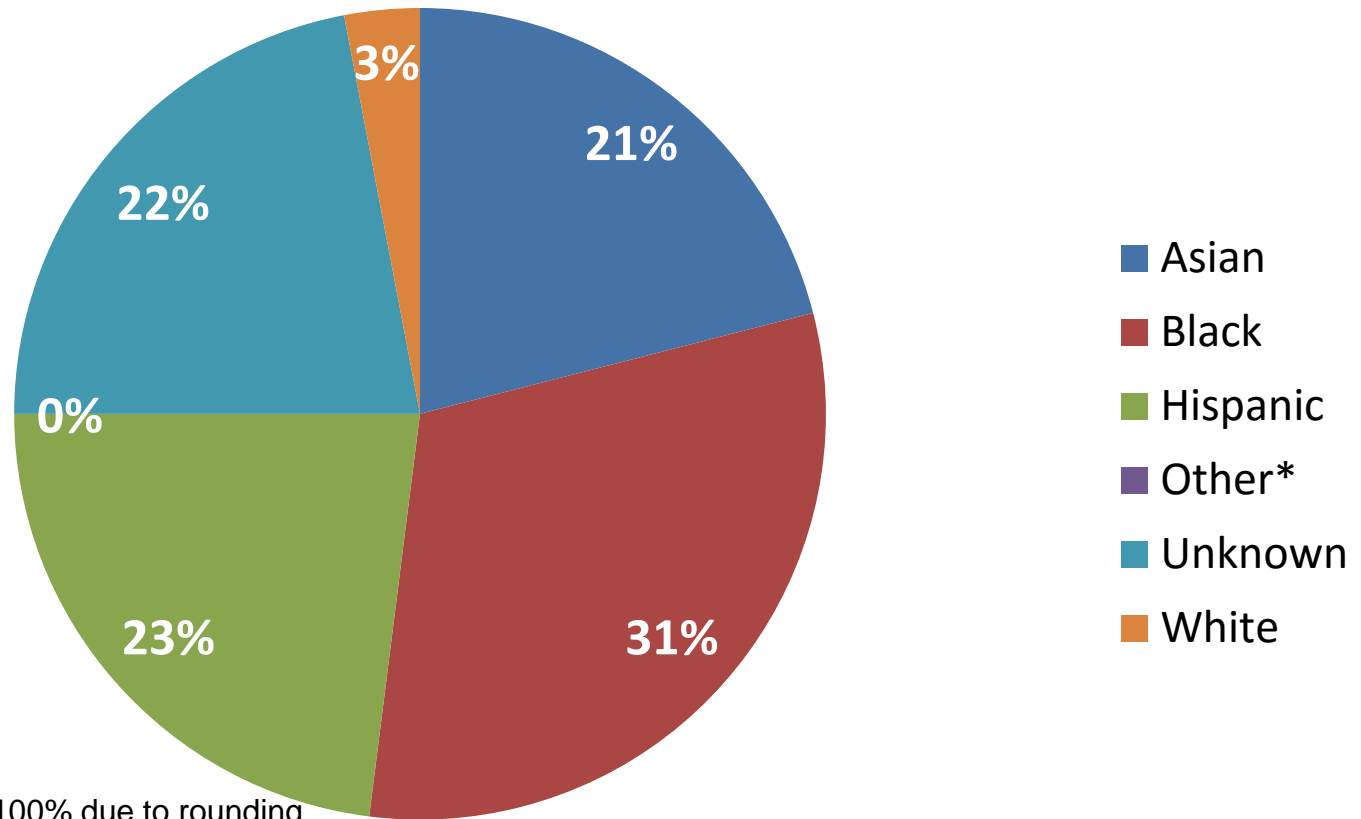
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Percent of Boston Residents with Latent TB Infection (N=969) Evaluated at the BPHC TB Clinic by Race/Ethnicity: 2017



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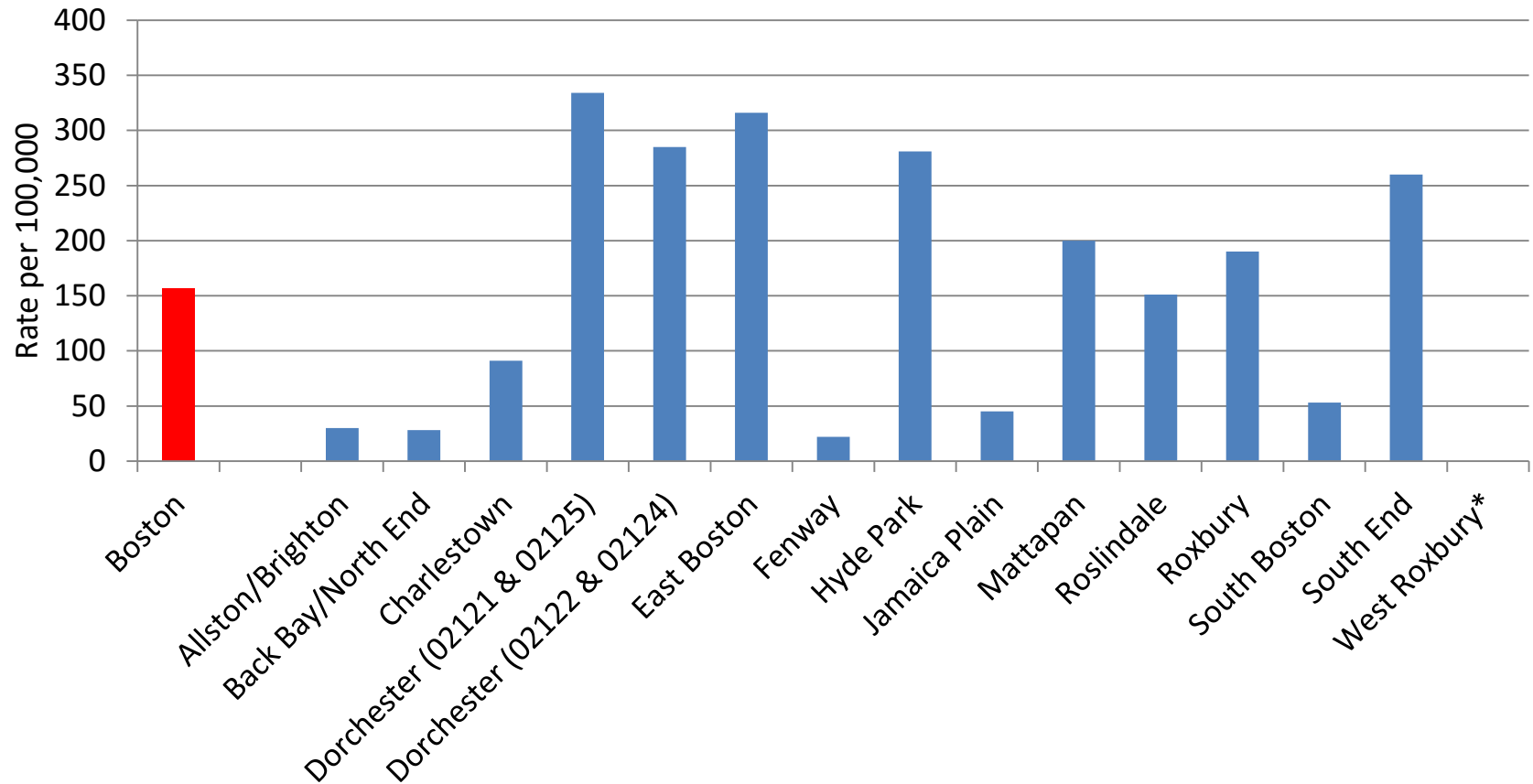


Results may not equal 100% due to rounding
*Other <1%

Boston Residents with Latent TB Infection (N=969) Evaluated at the BPHC TB Clinic, Incidence by Neighborhood: 2017



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Address PO Box or Invalid address: 2
*West Roxbury < 5

For More Information:



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