

Building a Healthy Boston

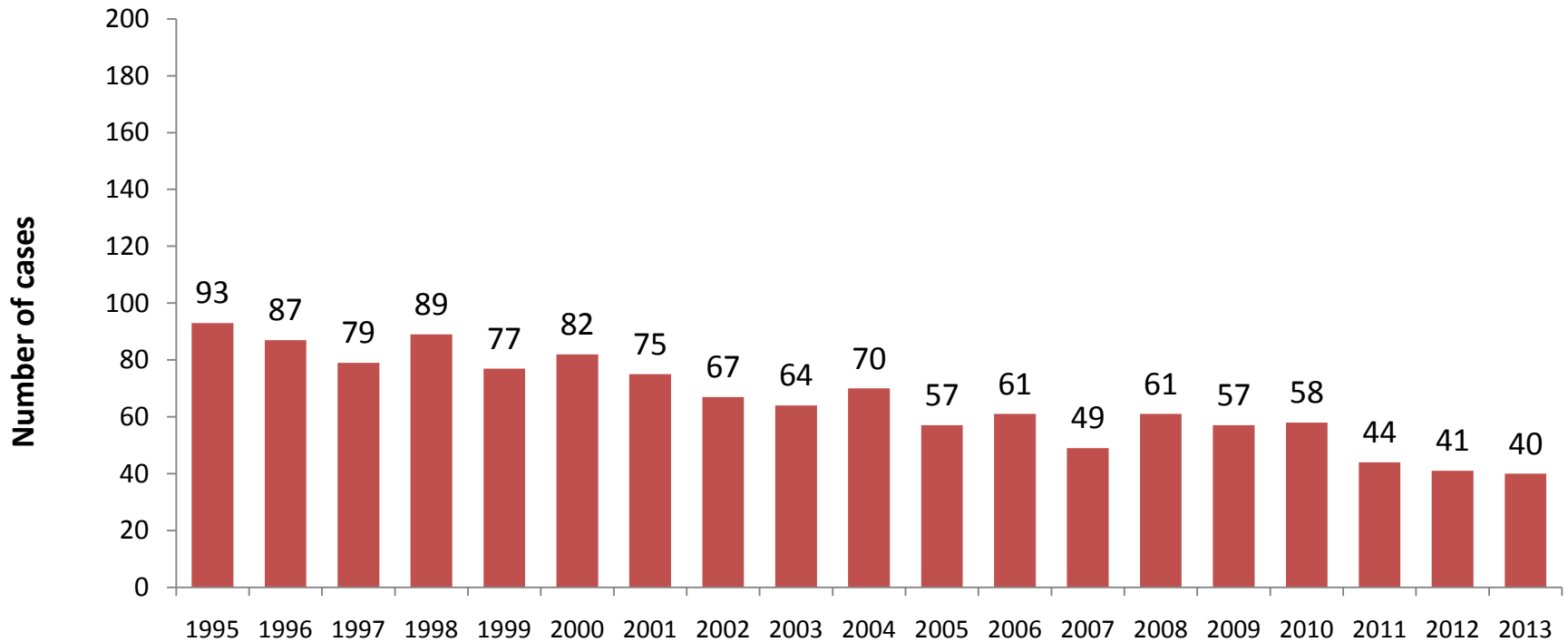
Tuberculosis Impact in Boston Residents: 2013

**BOSTON PUBLIC HEALTH COMMISSION
Infectious Disease Bureau
Communicable Disease Control Division**

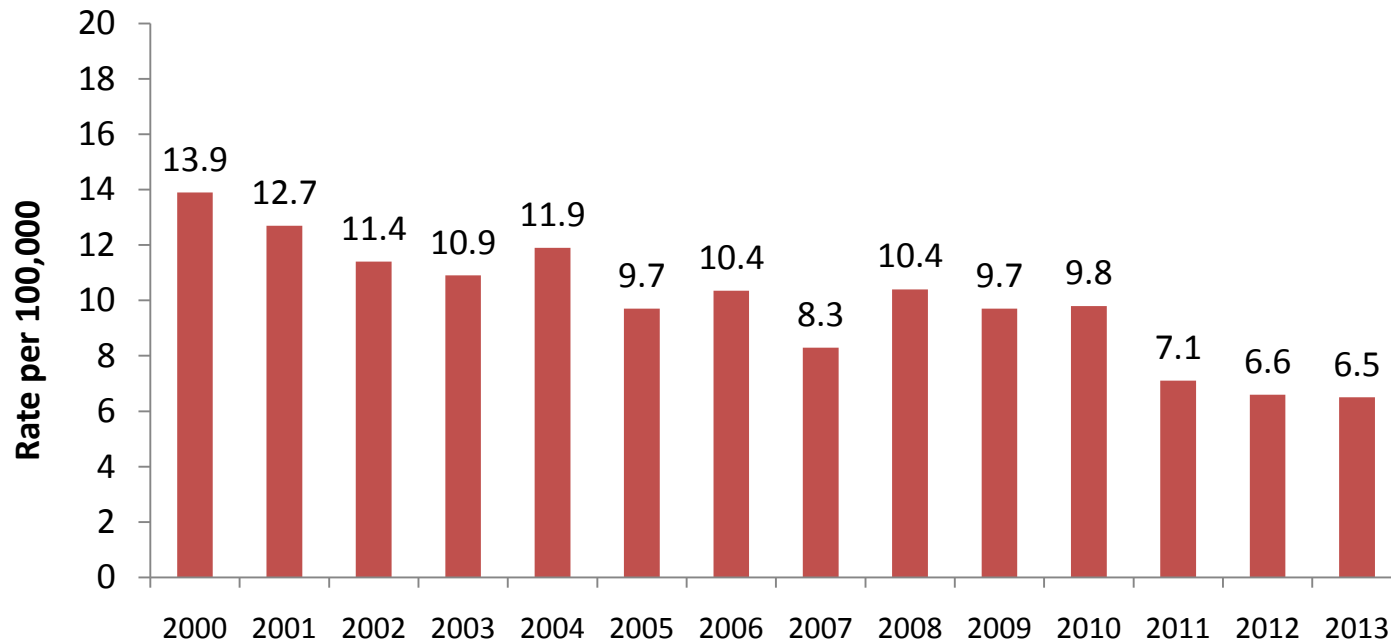


Building a Healthy Boston

Number of TB Cases: Boston, 1995-2013



Incidence of TB: Boston, 2000-2013



Incidence of TB by Gender: Boston, 2011-2013



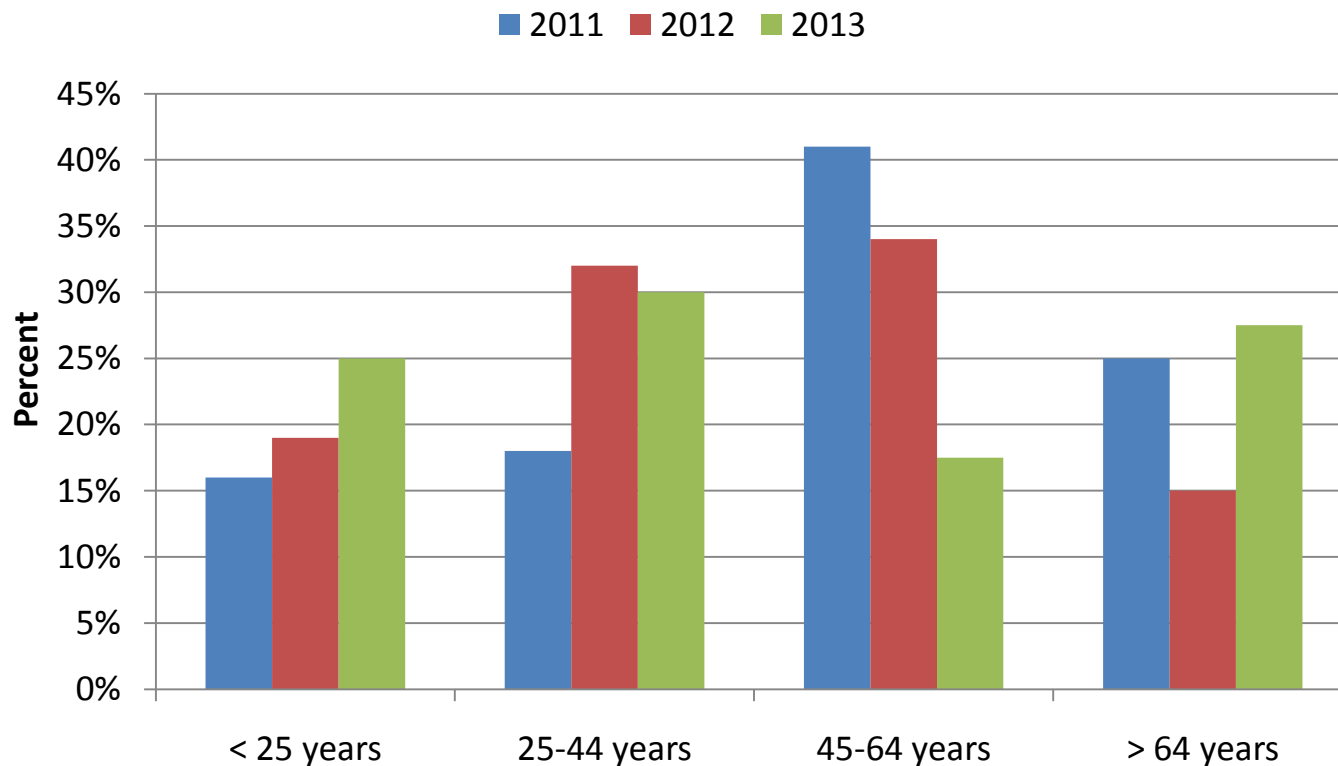
Building a Healthy Boston



Percent of Reported TB Cases by Age Group: Boston, 2011-2013

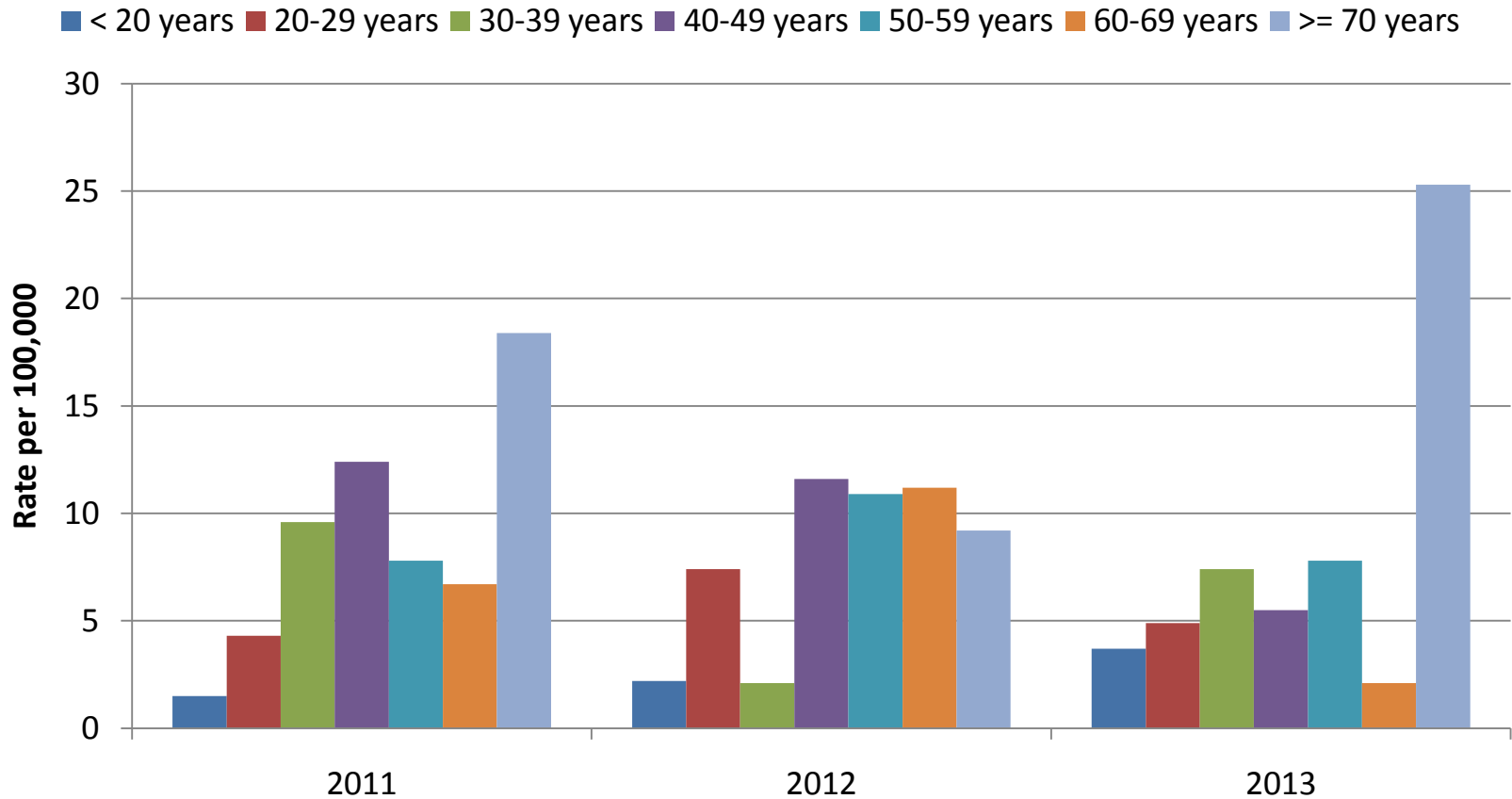


Building a Healthy Boston



Results may not equal 100% due to rounding

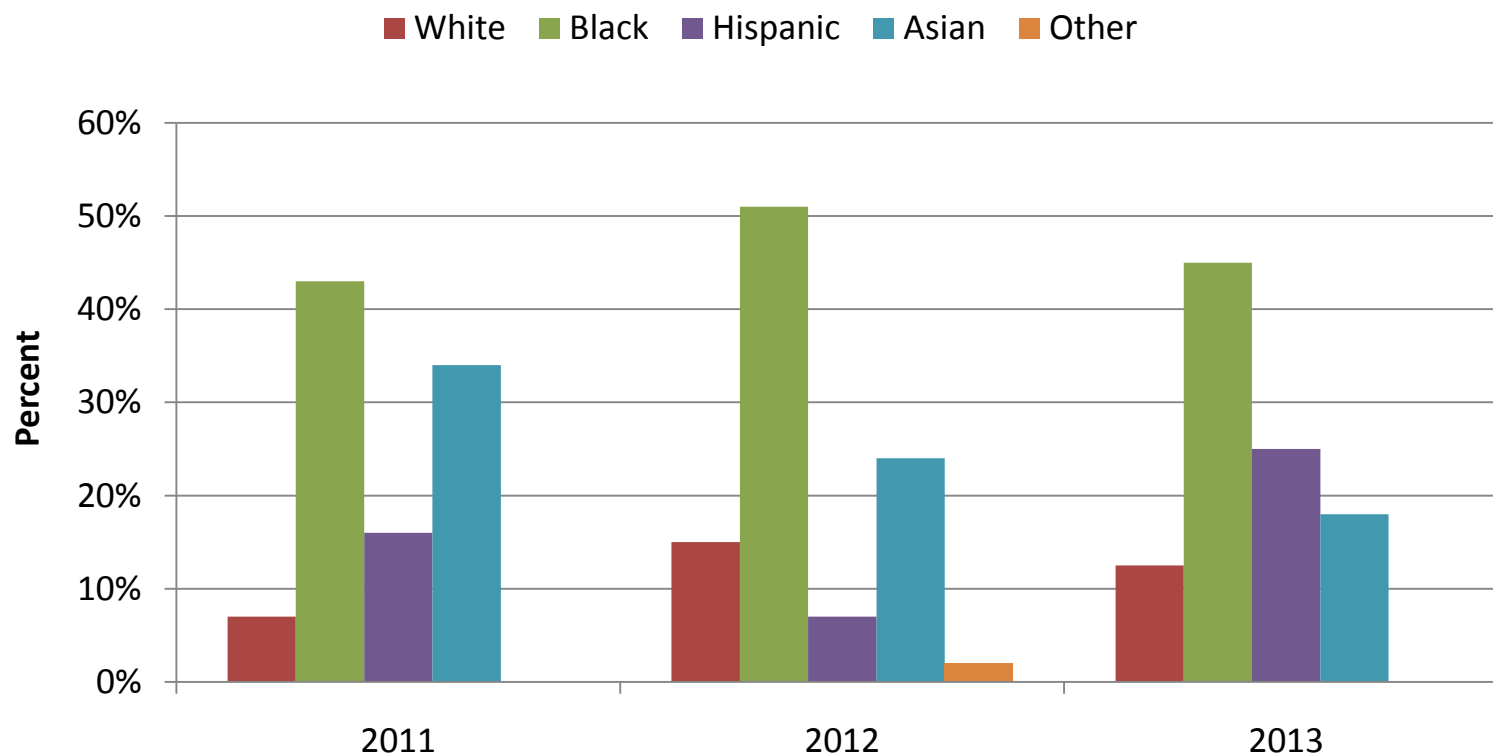
Incidence of TB by Age Group: Boston, 2011-2013



Percent of Reported Tuberculosis Cases by Race/Ethnicity: Boston, 2011-2013



Building a Healthy Boston

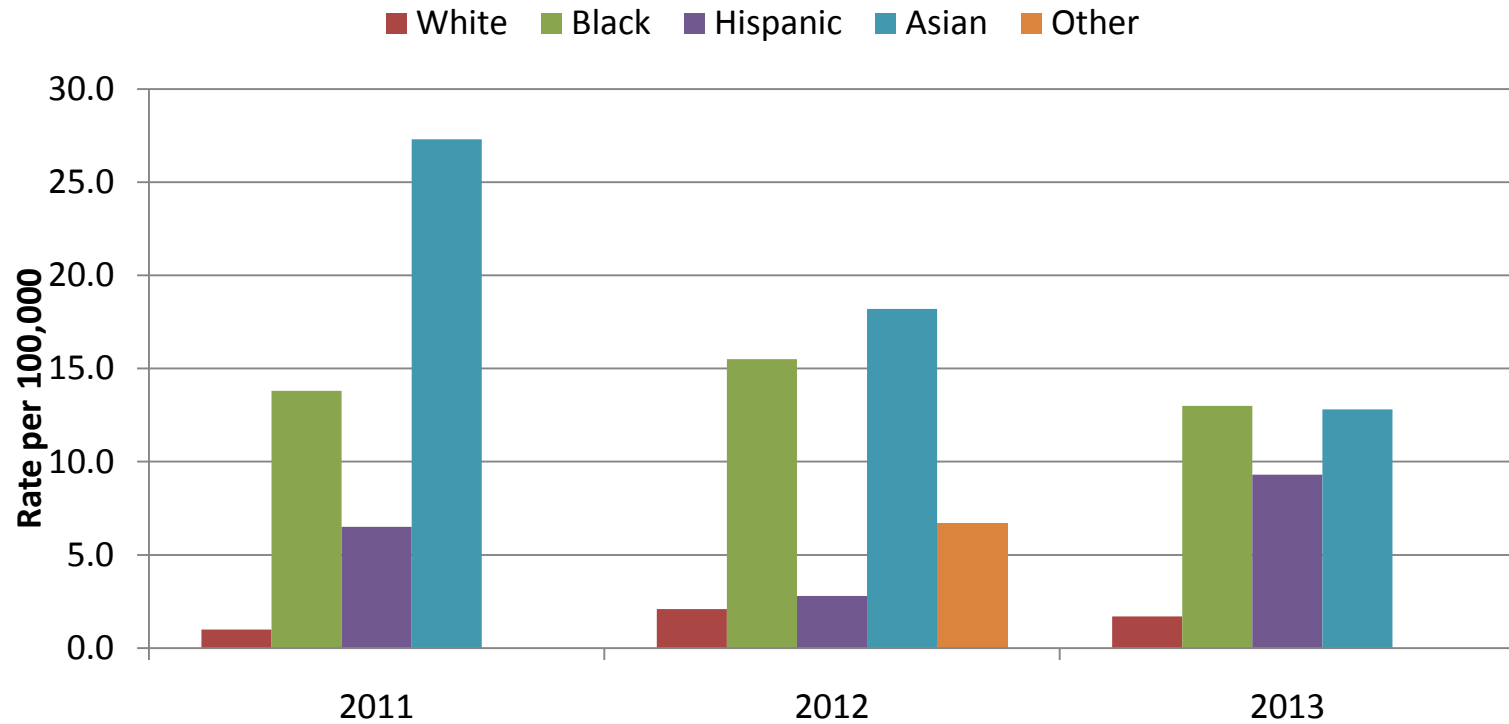


Results may not equal 100% due to rounding

Incidence of TB by Race/Ethnicity: Boston, 2011-2013



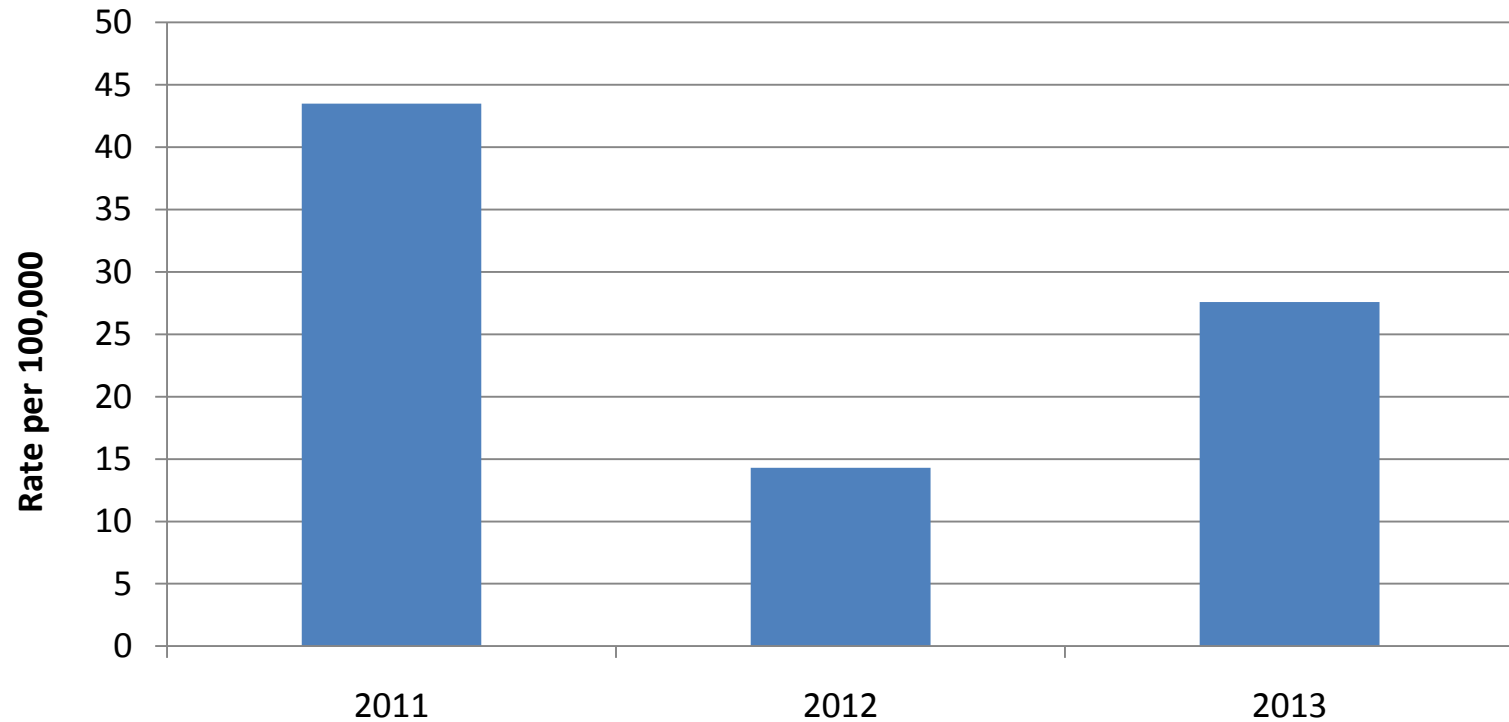
Building a Healthy Boston



Incidence of TB Among the Homeless: Boston, 2011-2013



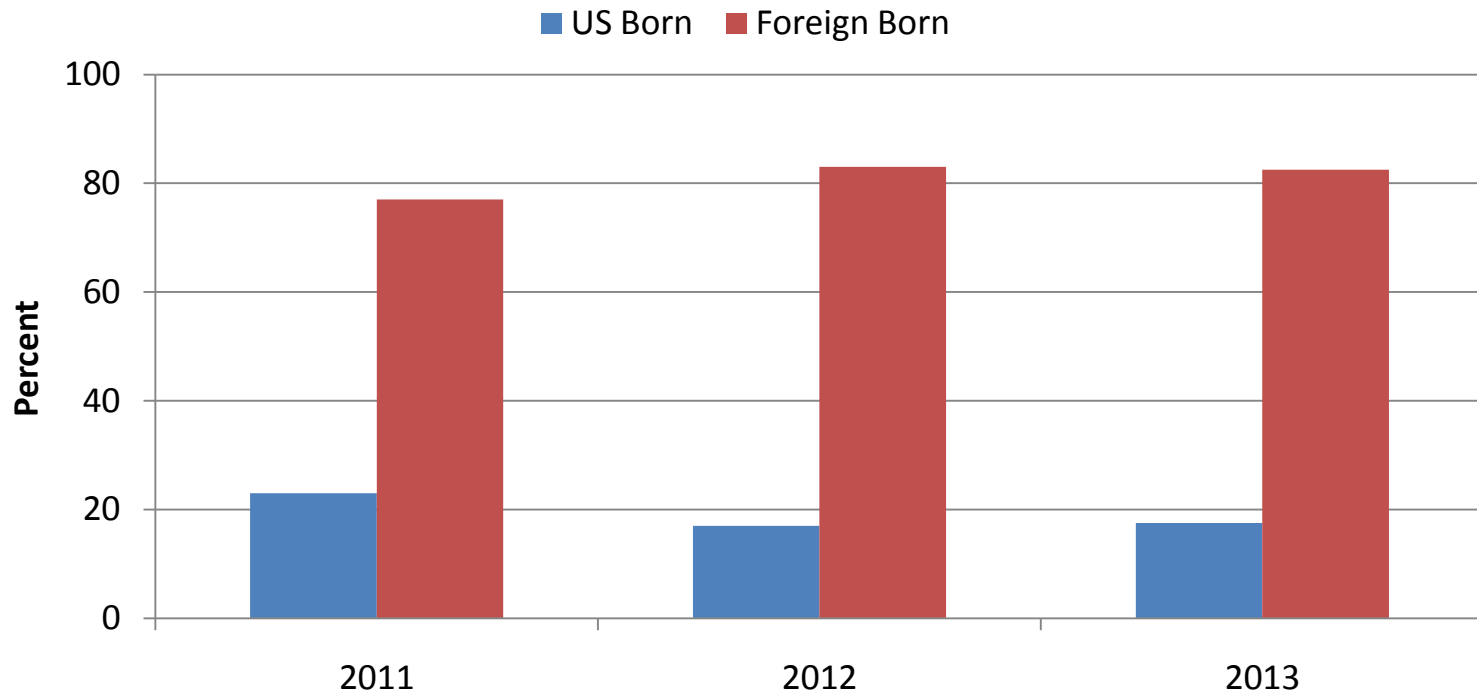
Building a Healthy Boston



TB Cases by Birthplace: Boston, 2011-2013



Building a Healthy Boston

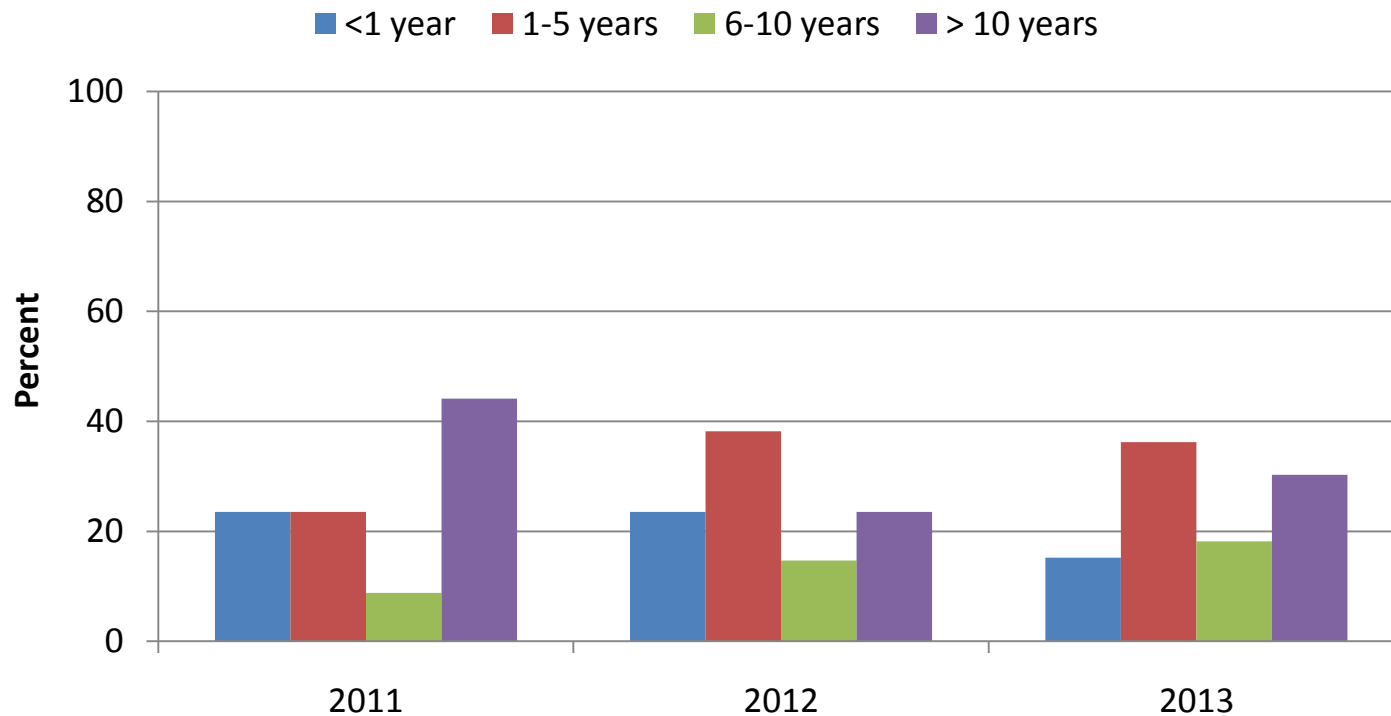


Results may not equal 100% due to rounding

Length of US Residence for Foreign Born TB Cases Prior to TB Diagnosis: Boston, 2011-2013



Building a Healthy Boston

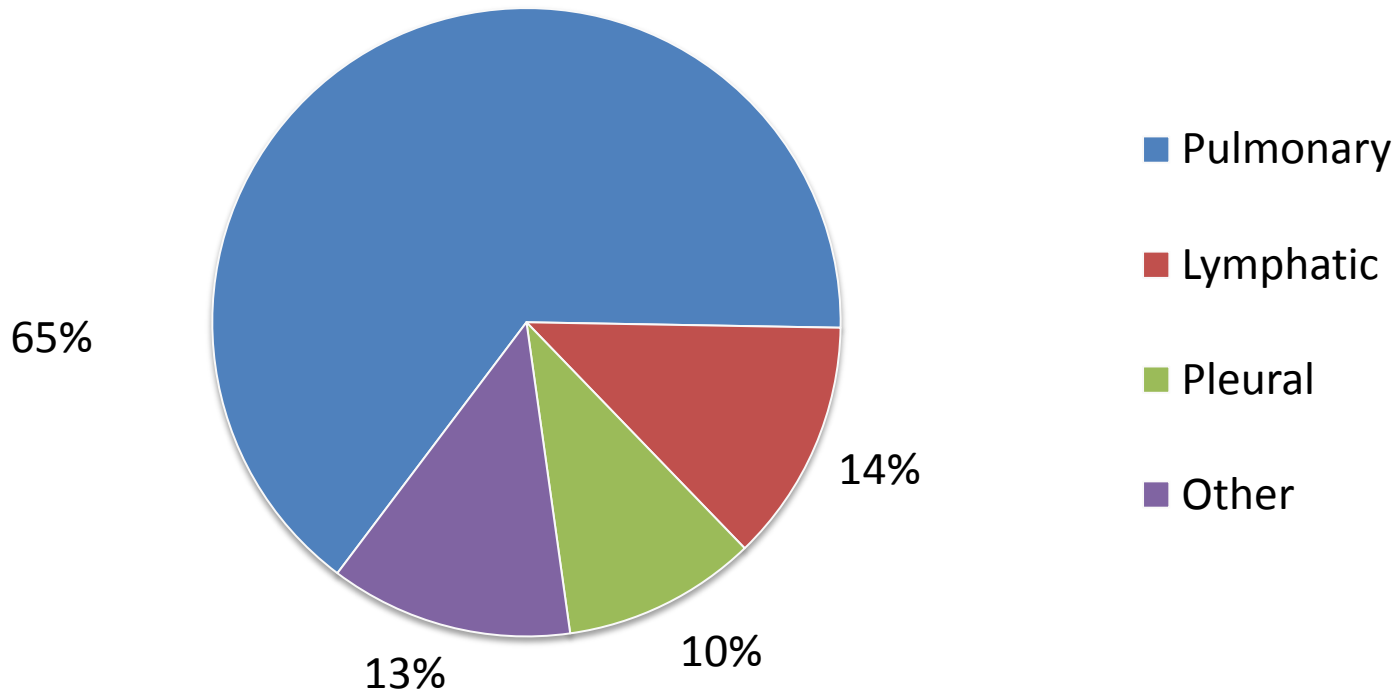


Results may not equal 100% due to rounding

Primary Site of TB Disease: Boston, 2013



Building a Healthy Boston

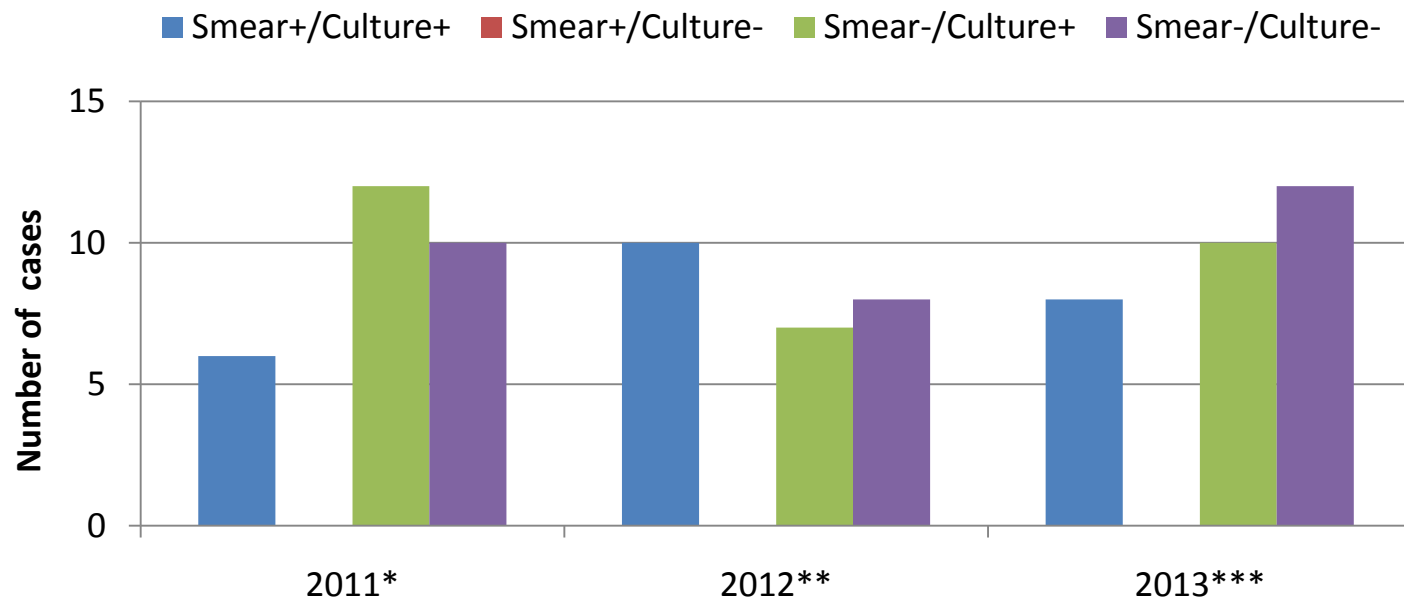


Results may not equal 100% due to rounding

Sputum Smear and Culture Results for Cases with Primary Pulmonary TB: Boston, 2011-2013



Building a Healthy Boston



*Sputum samples unavailable for 3 cases

**Sputum samples unavailable for 1 case

***Sputum samples unavailable for 10 cases

Drug Resistance in TB Cases: Boston, 2013



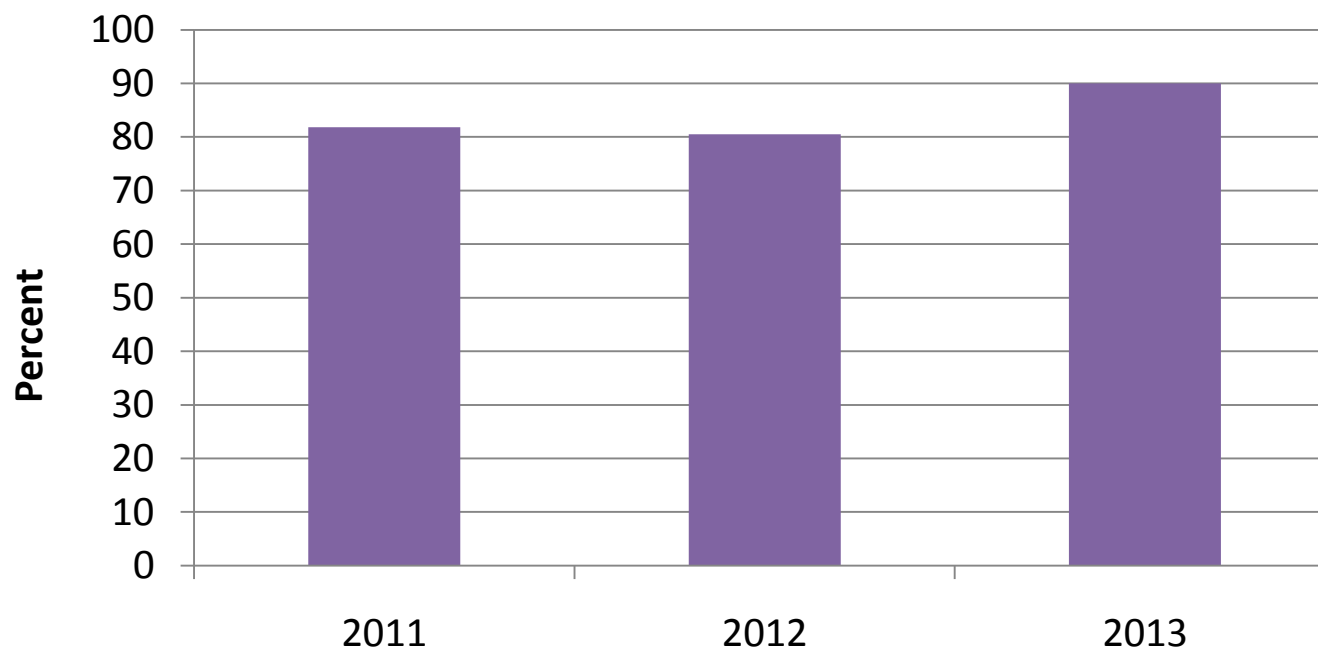
Building a Healthy Boston

		Number
One Drug	Streptomycin	1
Two Drugs	Isoniazid and Ethionamide	1

Completeness of HIV Testing* of TB Cases: Boston, 2011-2013



Building a Healthy Boston

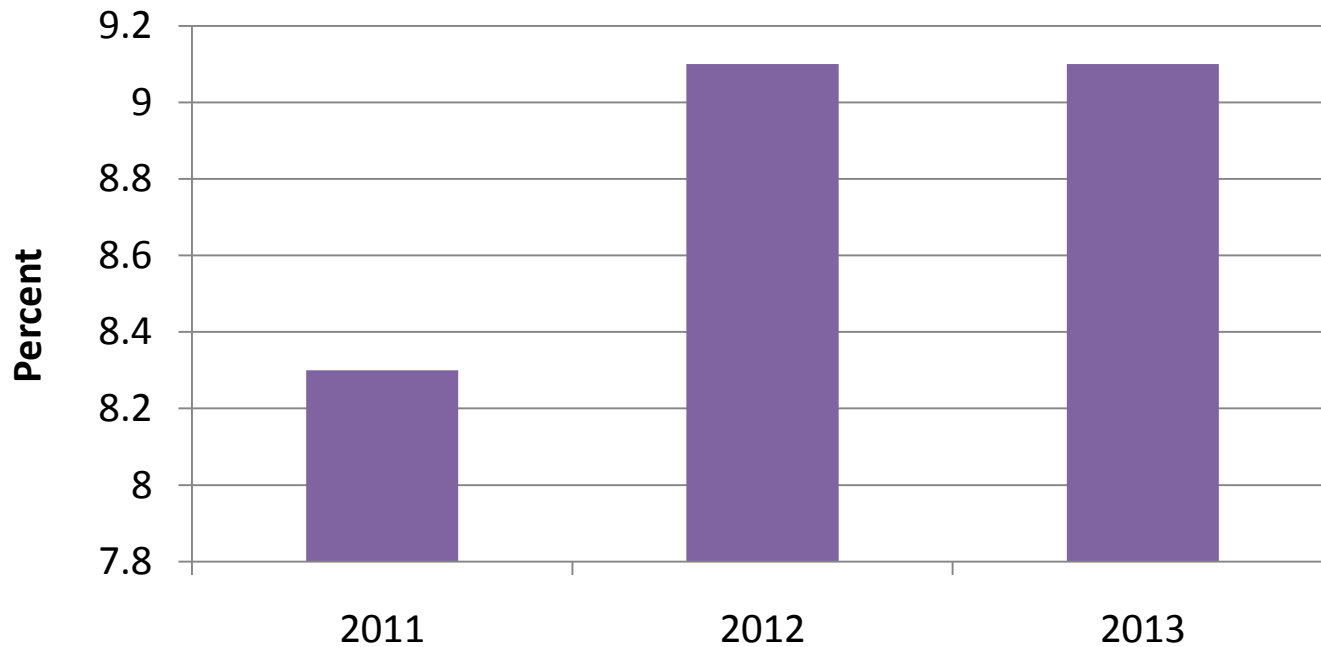


***Includes cases with negative, positive and indeterminate HIV test results**

Percent TB Cases with HIV Infection: Boston, 2011-2013



Building a Healthy Boston



***Of those tested**

What health care sites are diagnosing and initiating TB treatment for Boston cases?



Building a Healthy Boston

		2012* N=40	2013** N=40
Diagnosing site	Inpatient	31(77%)	26(65%)
	Outpatient	9(22%)	14(35%)
Initial treatment site*	Inpatient	31(77%)	29 (72.5%)
	TB clinic	7(17%)	11(27.5%)
	Hospital outpatient clinic	2(5%)	0(0%)

*1 case died prior to identification of tuberculosis

Results may not equal 100% due to rounding

Who do Boston TB cases identify as their primary care site?



Building a Healthy Boston

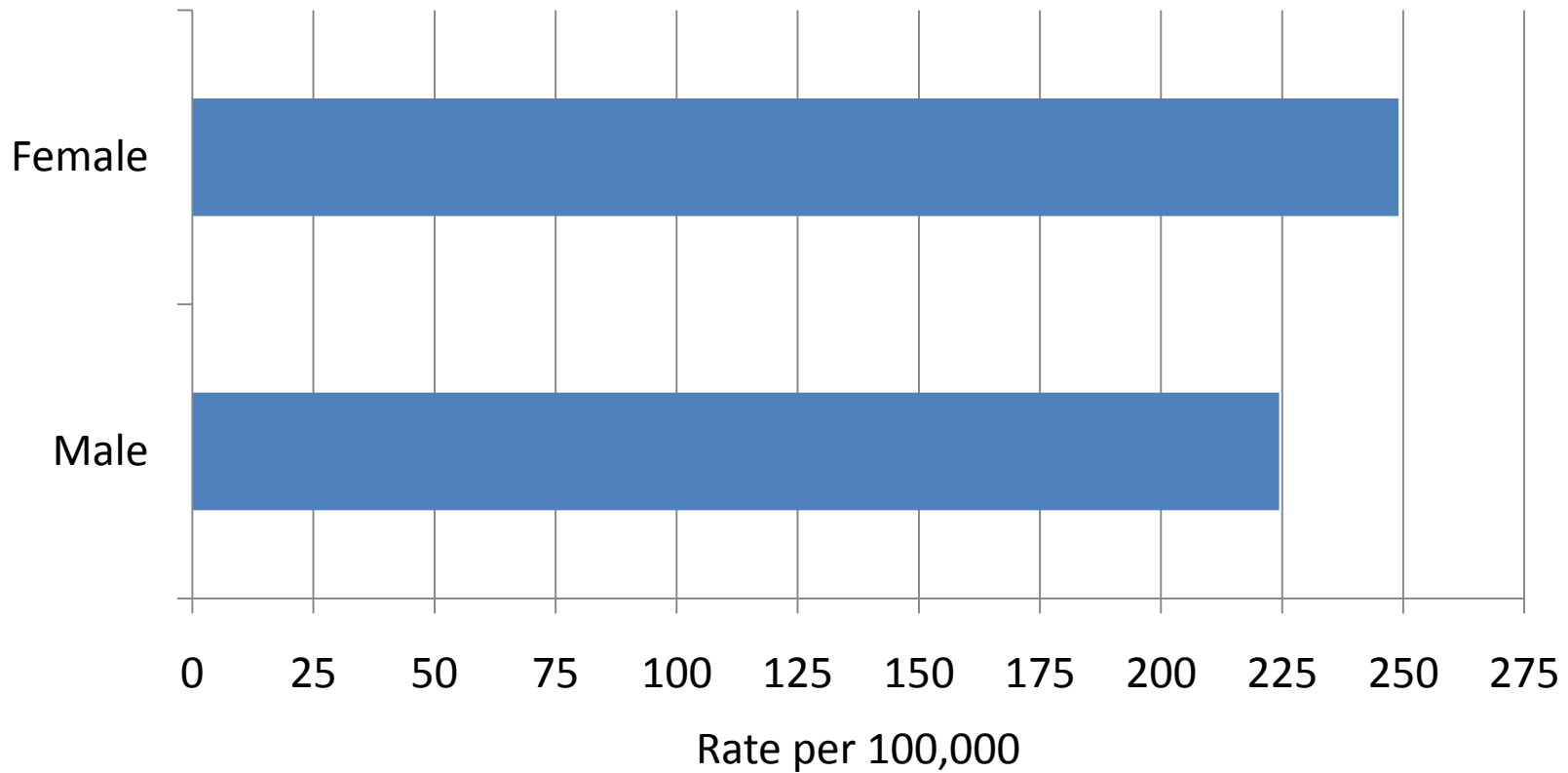
	2012 N=41	2013 N=40
Hospital outpatient clinic	17 (41%)	19 (47.5%)
Community health center	16 (39%)	13 (32.5%)
Private practices	1 (2%)	2 (5%)
Other sites	1 (2%)	1 (2.5%)
None identified	6 (15%)	5 (12.5%)

Results may not equal 100% due to rounding

Boston Residents with Latent TB Infection (N=1,465) Evaluated at the BPHC TB Clinic, Incidence by Gender: 2013



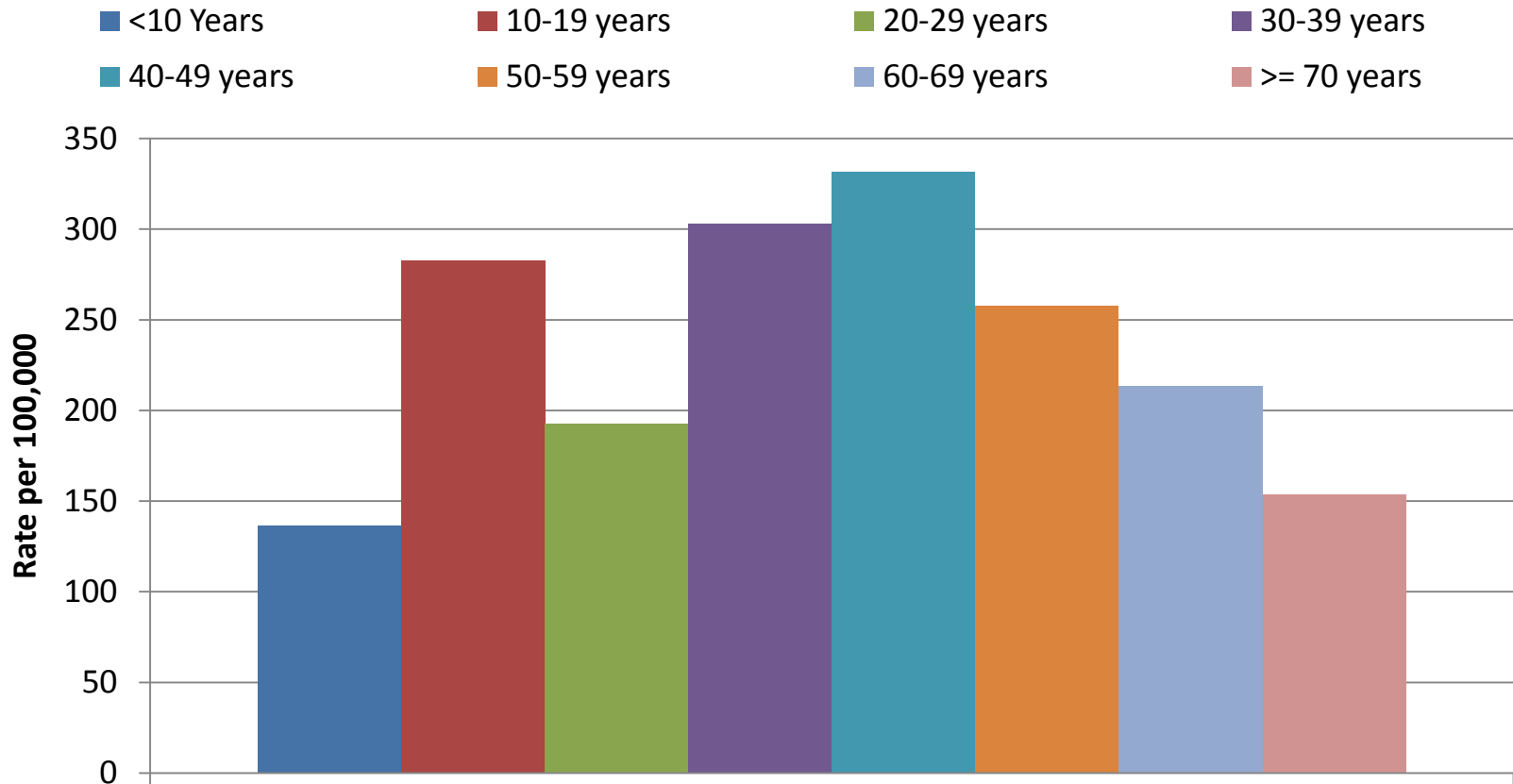
Building a Healthy Boston



Boston Residents with Latent TB Infection (N=1,465) Evaluated at the BPHC TB Clinic, Incidence by Age Group: 2013



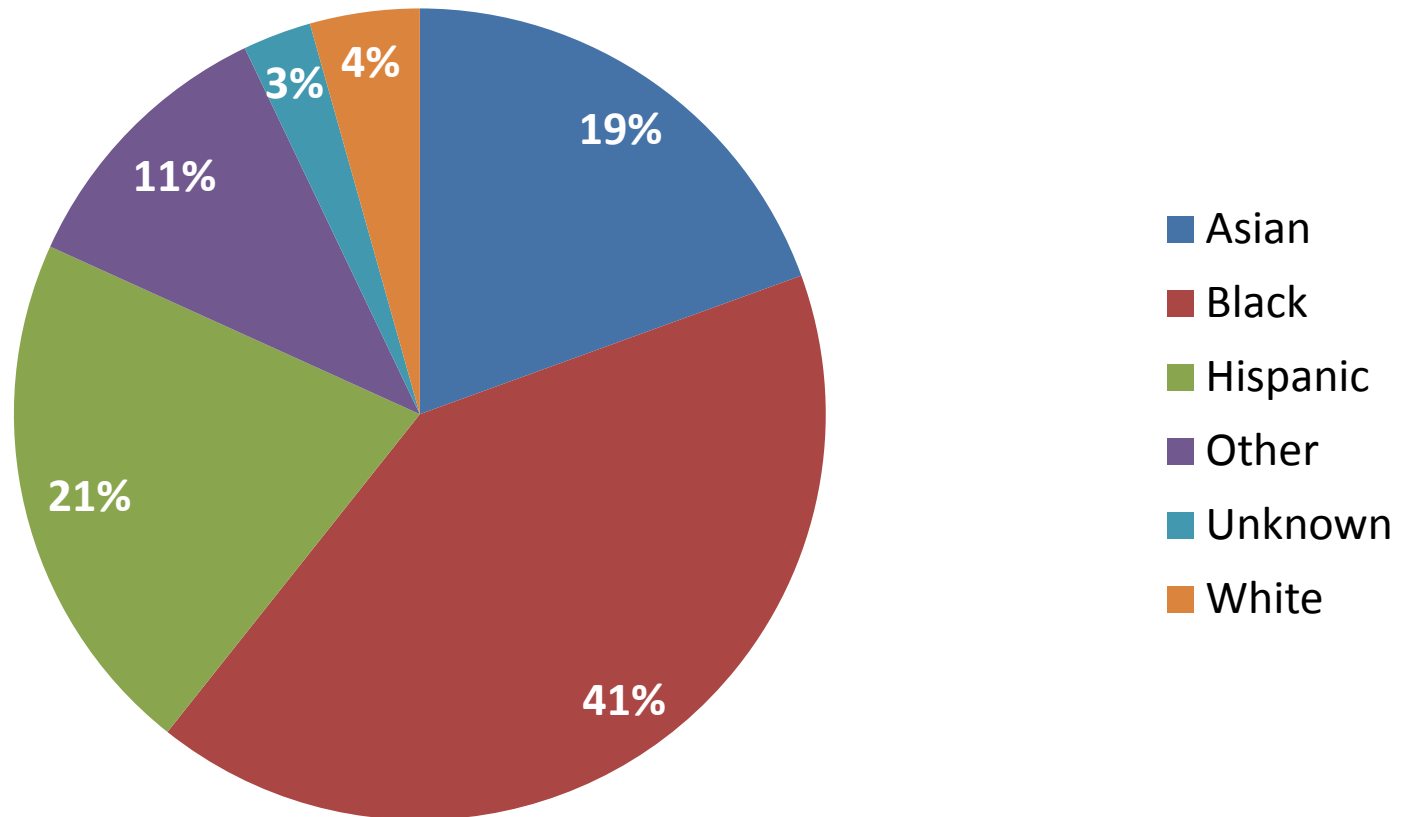
Building a Healthy Boston



Percent of Boston Residents with Latent TB Infection (N=1,465) Evaluated at the BPHC TB Clinic by Race/Ethnicity: 2013



Building a Healthy Boston

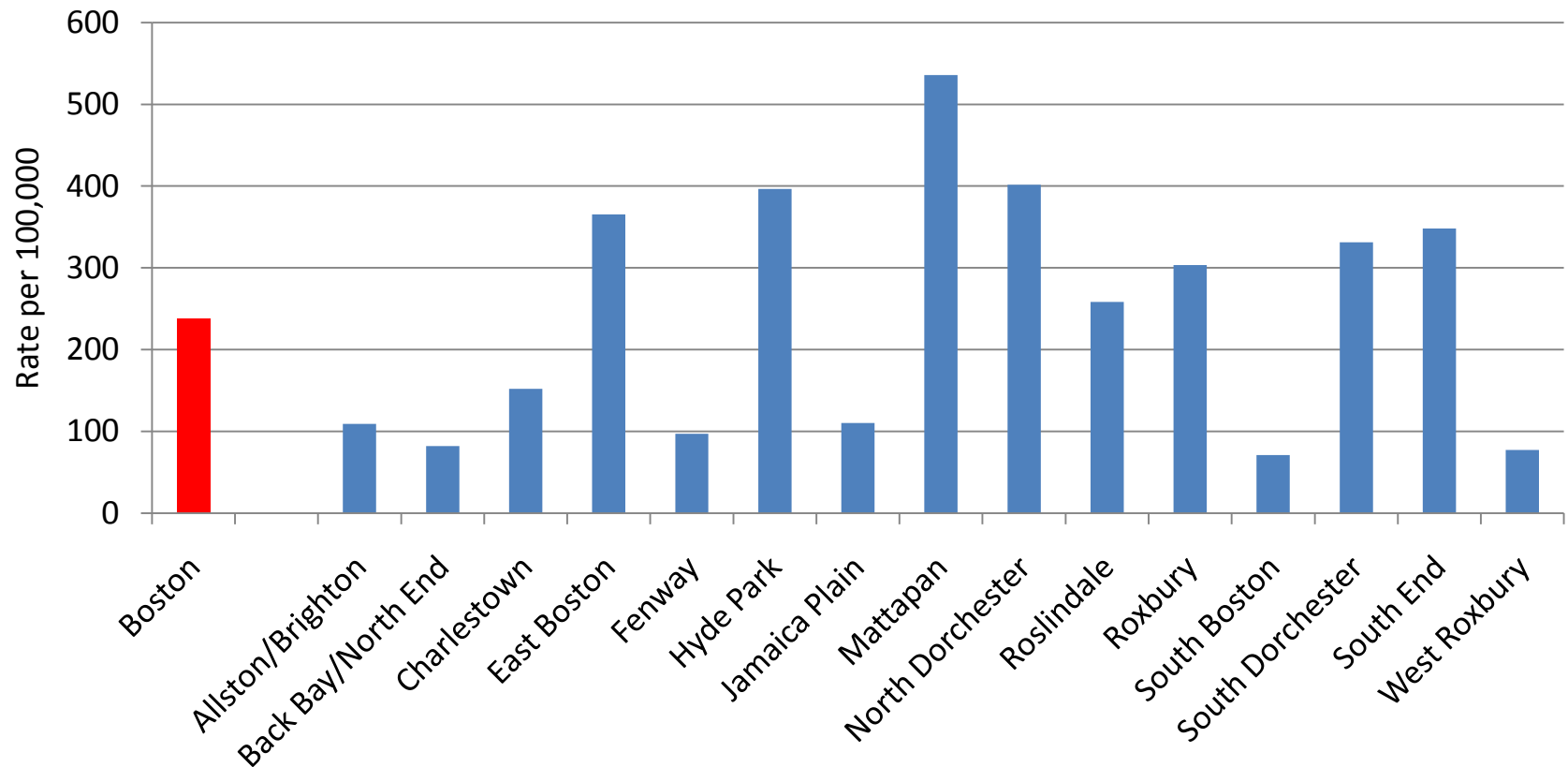


Results may not equal 100% due to rounding

Boston Residents with Latent TB Infection (N=1,465) Evaluated at the BPHC TB Clinic, Incidence by Neighborhood: 2013



Building a Healthy Boston



For More Information:



Building a Healthy Boston

BOSTON PUBLIC HEALTH COMMISSION
Communicable Disease Control Division

1010 Massachusetts Avenue

Boston, MA 02118

Phone: 617-534-5611

Fax: 617-534-5905

Website: www.bphc.org