HEALTH OF BOSTON 2016-2017

Health of Boston 2016-2017

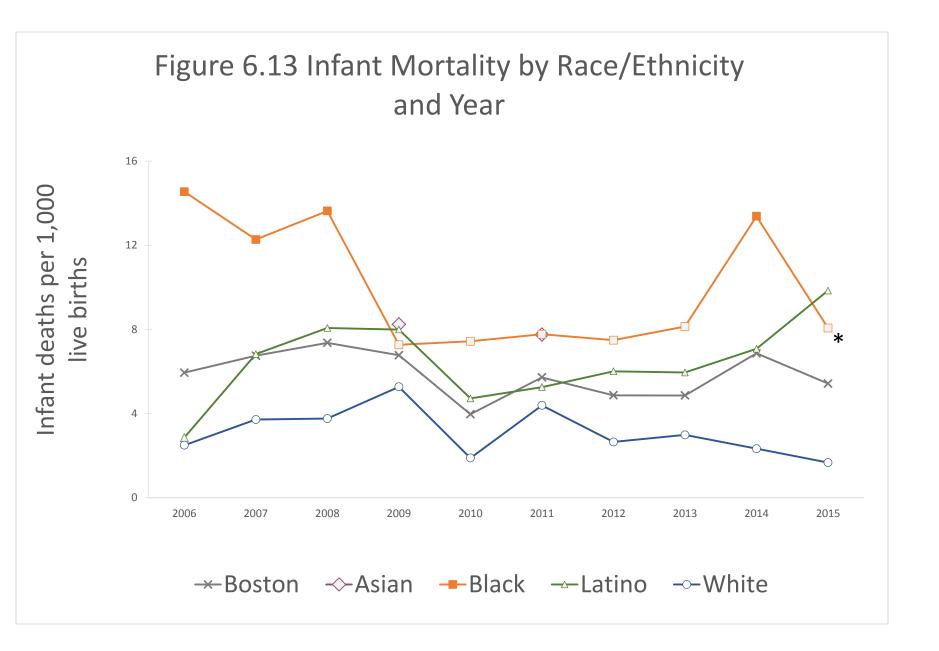
- Assess the health of Boston residents using population health surveillance data
 - Estimate the scope and magnitude of health events and determinants
 - Estimate the geographic, demographic, and temporal distribution of health events and determinants
 - Focus on health inequities, social determinants of health (SDoH) and outcomes/status over the life course
 - More "what" than "why"
- □ Share information with those who can use it

The percentage of uninsured in 2015 was 3.8% for Boston 9.4% for the U.S. overall

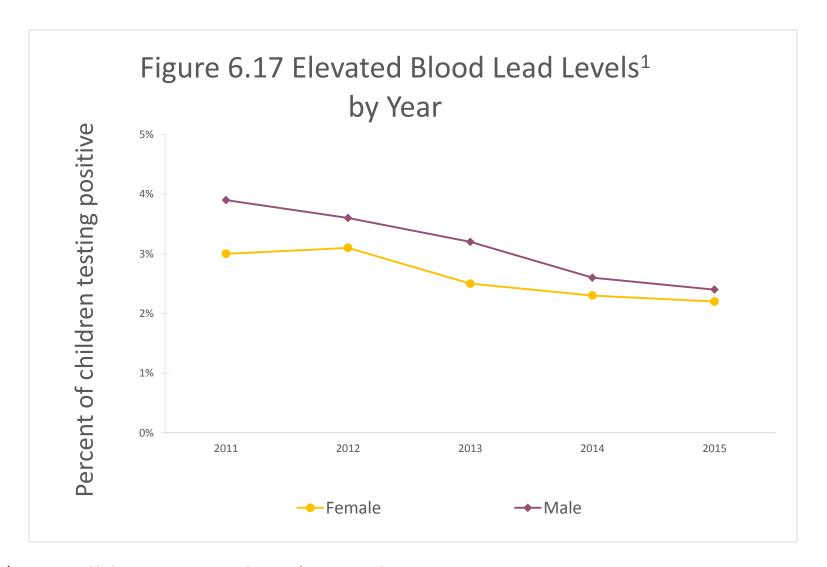
Health-Related Behaviors Comparison Within Race/Ethnicity and Within Gender

	Asian	Black	Latino	White	Female	Male
Public HS Students Who Consumed Fruit < Once per Day, 2015	\leftrightarrow	\leftrightarrow	1	ref	↑	ref
Adults Who Consumed Fruit < Once per Day, 2015	\longleftrightarrow	↑	↑	ref	\longleftrightarrow	ref
Public HS Students Who Consumed Vegs < Once per Day, 2015	\leftrightarrow	1	1	ref	\longleftrightarrow	ref
Adults Who Consumed Vegs < Once Per Day, 2015	\uparrow	↑	↑	ref	\downarrow	ref
Public HS Students Who Engaged in Regular PA, 2015	\	\leftrightarrow	\longleftrightarrow	ref	\downarrow	ref
Adults Who Met CDC Guidelines for PA, 2015	\longleftrightarrow	\leftrightarrow	\downarrow	ref	\leftrightarrow	ref
Daily Consumption of 1 or 1+ SSB Among Public HS Students, 2015	\downarrow	\leftrightarrow	\leftrightarrow	ref	↓	ref
Daily Consumption of 1 or 1+ SSB Among Adults, 2015	\longleftrightarrow	↑	↑	ref	\downarrow	ref
Public HS Students Who Smoked Cigarettes, 2011, 2013, and 2015 Combined	\	\downarrow	\downarrow	ref	\	ref
‡ Data not presented due to insufficient sample size						
†statistically significantly higher than reference group ↓statistically significantly lower than reference group						
←not statistically significant different than reference group						

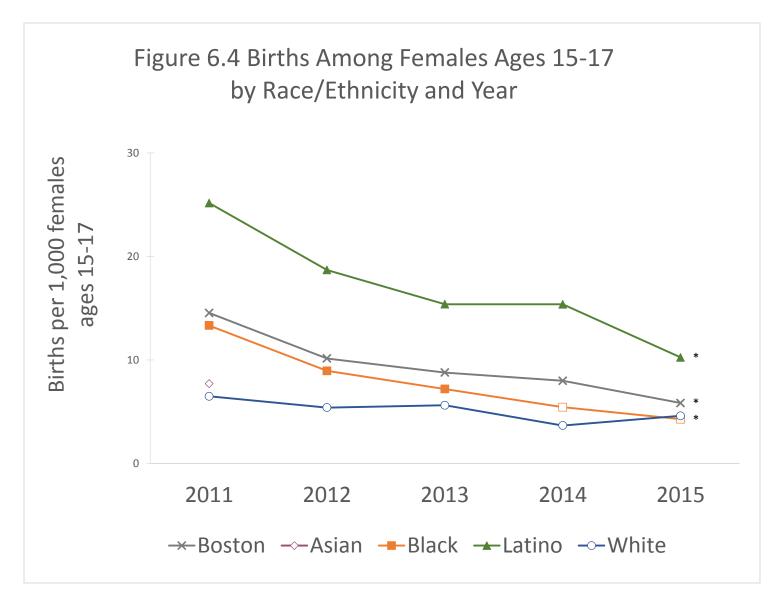
Public Health Progress



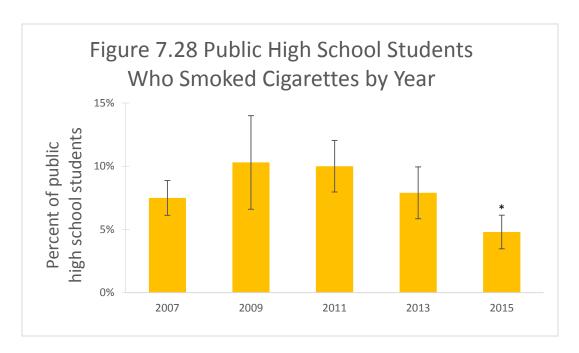
^{*} Statistically significant change over time

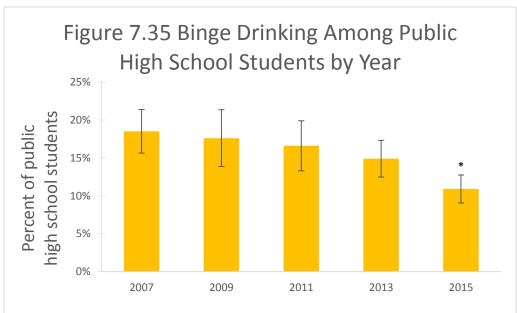


 $^{^{1}}$ Based on the 2012 CDC recommendation of >=5 ug/dl. For more information see Blood-Lead Level in the Technical Notes.

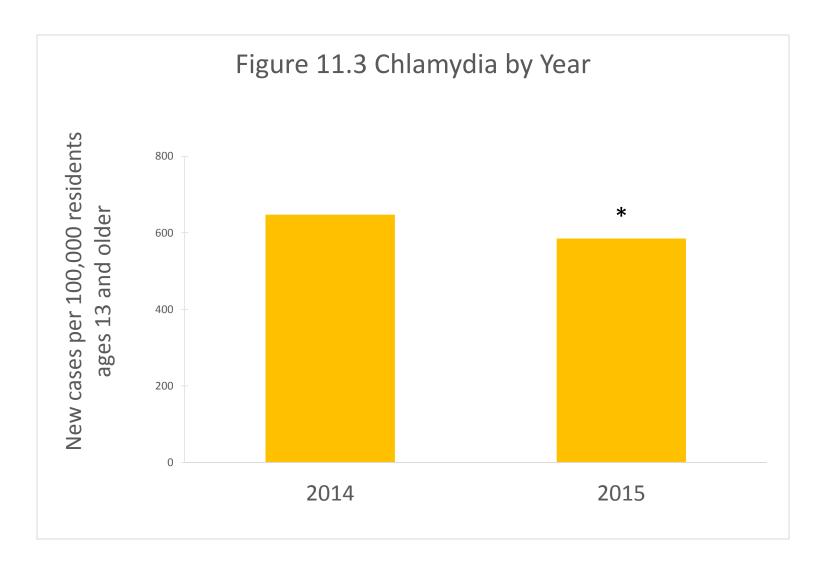


^{*} Statistically significant change over time
DATA SOURCE: Boston resident live births, Massachusetts Department of Public Health (data as of August 2016). Data may be updated as more information becomes available.

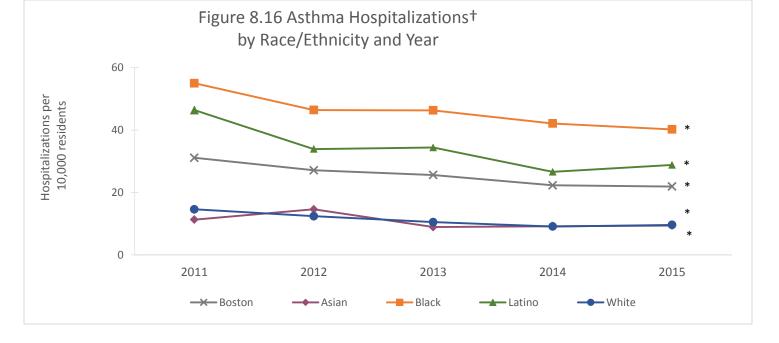


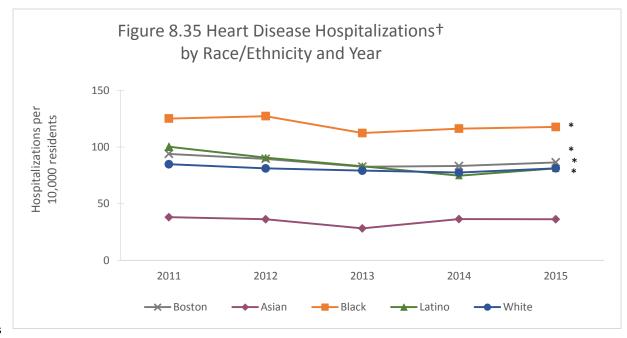


^{*} Statistically significant change over time

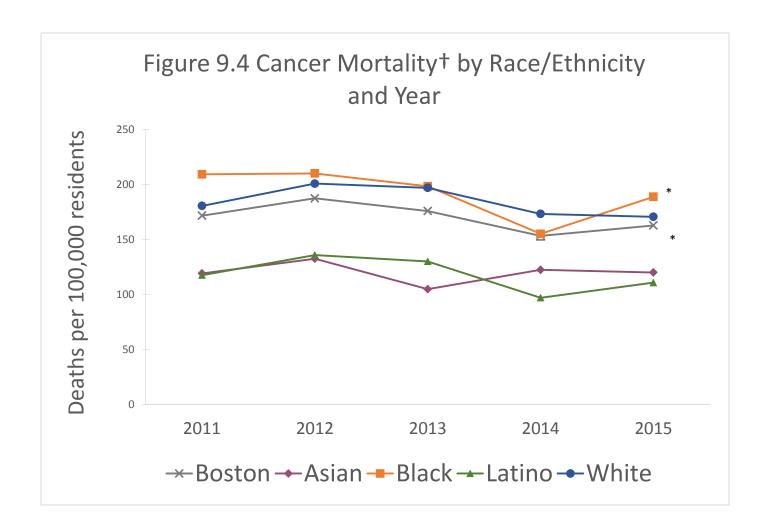


^{*} Statistically significant change over time DATA SOURCE: Infectious Disease Bureau, Boston Public Health Commission





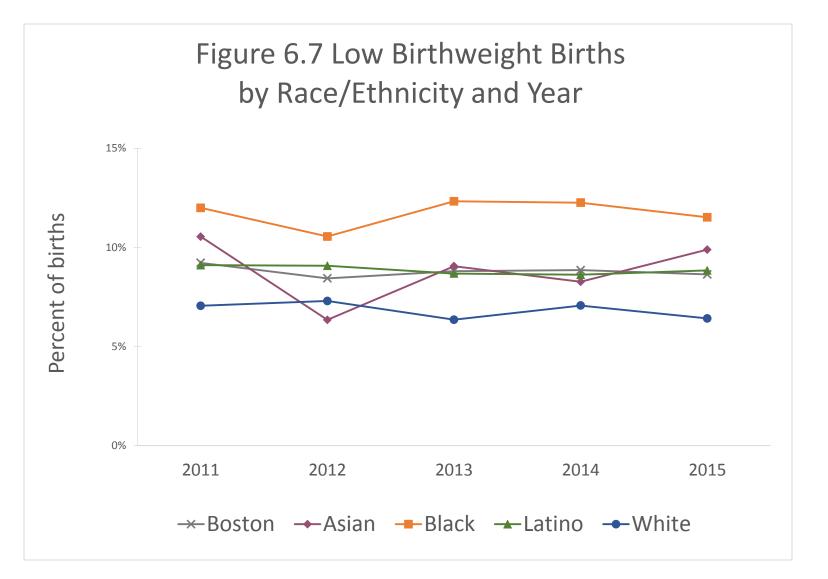
^{*} Statistically significant change over time † Age-adjusted rates per 10,000 residents



^{*} Statistically significant change over time

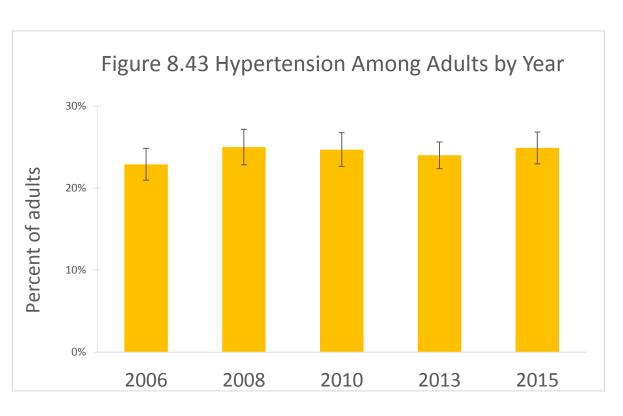
[†] Age-adjusted rates per 100,000 residents

New and continued challenges



Low Birthweight Births

Healthy People 2020 Target: 7.8% US 2015: 8.1% MA 2015: 7.5% Boston 2015: 8.6%



Hypertension Among Adults
Healthy People 2020: 26.9%

US median 2015: 30.9%

MA 2015: 29.6% (28.4-30.9)

Boston 2015: 24.9% (23.0-26.9)

Black Residents 36%

Latino Residents 27%

White Residents 20%

Obesity Among Adults

Healthy People 2020 Target: 30.5%

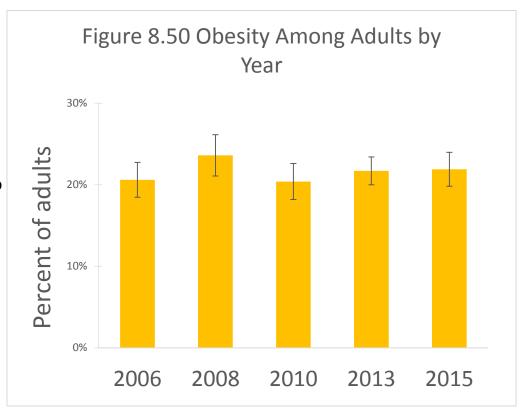
US median 2015: 29.8%

MA 2015: 24.3% (23.0-25.5)

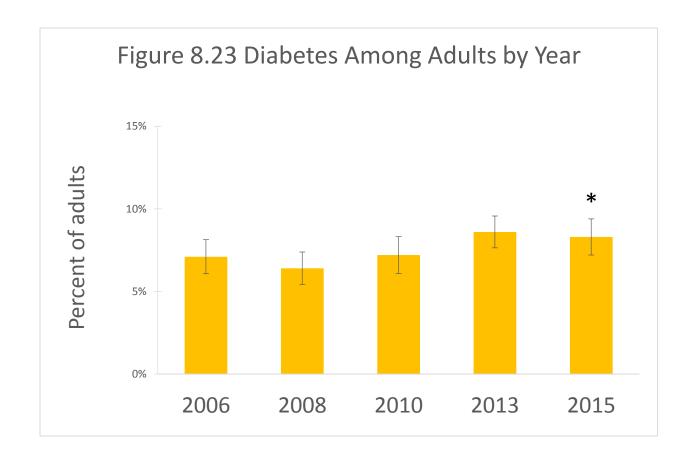
Boston 2015: 21.9% (19.9-24.0)

Black residents: 32% Latino residents: 30%

White residents: 17%

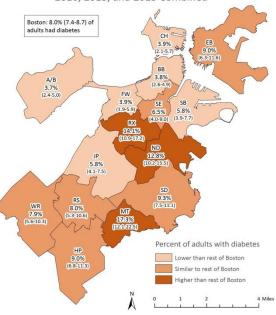


Diabetes Among Adults
U.S. 9.3%
Boston: 8%
Black residents 15%
Latino residents 11%
White residents 5%



^{*} Statistically significant change over time
DATA SOURCE: Boston Behavioral Risk Factor Survey (2006, 2008, 2010, 2013, 2015), Boston Public Health Commission

Figure 8.26 Diabetes Among Adults by Neighborhood, 2010, 2013, and 2015 Combined

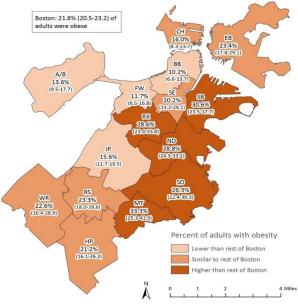


NOTE: "BB" includes the Back Bay, Beacon Hill, Downtown, the North End, and the West End. "SE" includes the South End and Chinatown.

DATA SOURCE: Boston Behavioral Risk Factor Survey (2010, 2013, 2015), Boston Public Health Commission

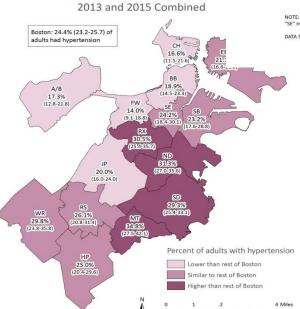
DATA SOURCE: Boston Behavioral Risk Factor Survey (2013, 2015), Boston Public Health Commission

Figure 8.53 Obesity Among Adults by Neighborhood, 2013 and 2015 Combined



NOTE: "BB" includes the Back Bay, Beacon Hill, Downtown, the North End, and the West End. "SE" includes the South End and Chinatown

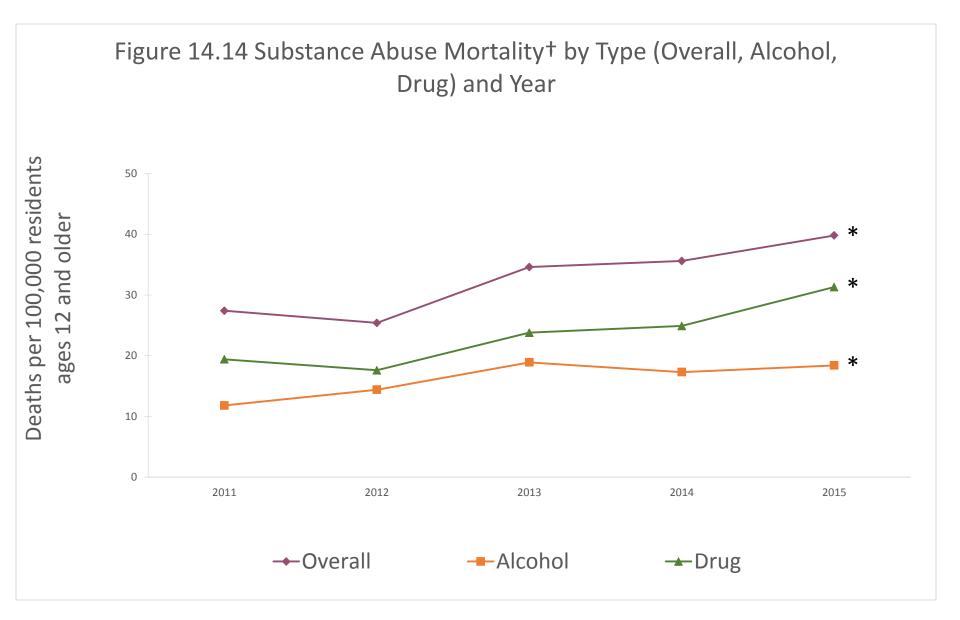
DATA SOURCE: Boston Behavioral Risk Factor Survey (2013, 2015), Boston Public Health Commission



re 8.46 Hypertension Among Adults by Nei

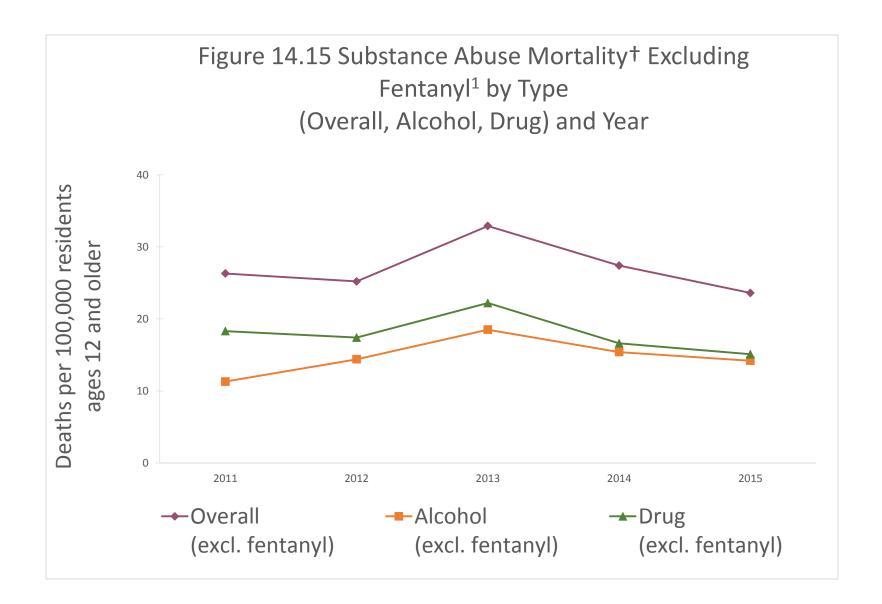
NOTE: "BB" includes the Back Bay, Beacon Hill, Downtown, the North End, and the West End. "SE" includes the South End and Chinatown.

DATA SOURCE: Boston Behavioral Risk Factor Survey (2013, 2015), Boston Public Health Commission



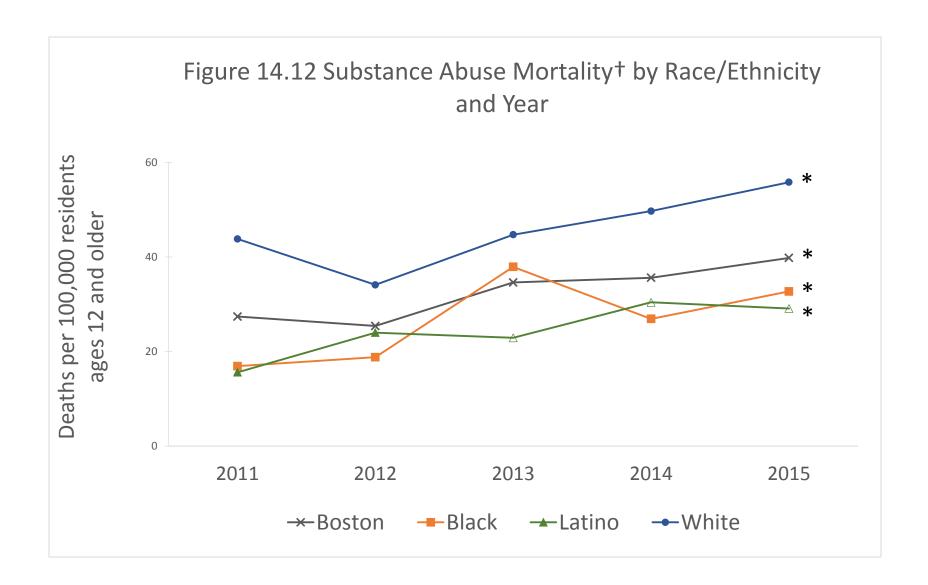
^{*} Statistically significant change over time

[†] Age-adjusted rates per 100,000 residents ages 12 and older DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health (data as of December 2016). Data will be updated as more information becomes available.



[†] Age-adjusted rates per 100,000 residents ages 12 and older.

¹ Fentanyl identified by ICD-10 code T40.4. See Fentanyl Identification in Death Data in the Technical Notes for complete methodological description. DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health (data as of December 2016). Data will be updated as more information becomes available.

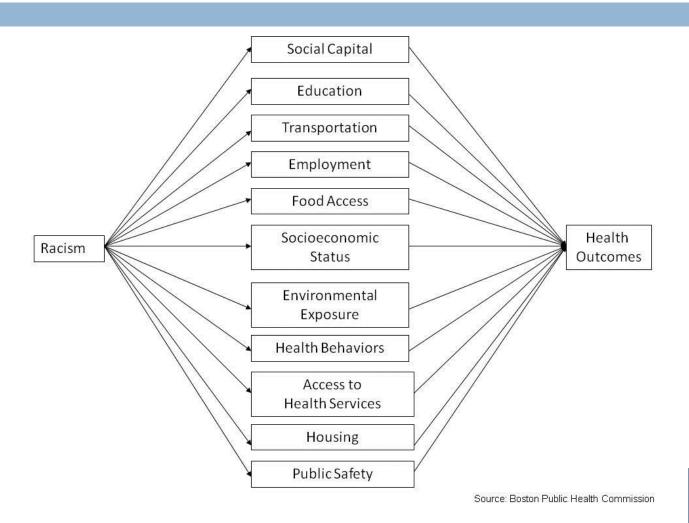


^{*} Statistically significant change over time

DATA SOURCE: Boston resident deaths, Massachusetts Department of Public Health (data as of December 2016). Data will be updated as more information becomes available.

[†] Age-adjusted rates per 100,000 residents ages 12 and older

Social determinants of health





Health Indicators¹ by Housing Status, 2013 and 2015 Combined

	Boston Housing Authority resident	Renter, with assistance	Renter, no assistance	Home owner
Asthma	18.7%*	18.9%*	9.6%	9.0%
	(14.1-24.3)	(14.7-24.0)	(8.1-11.4)	(7.3-11.0)
Diabetes	5.5%*	5.0%*	3.6%	2.8%
	(3.6-8.4)	(3.4-7.3)	(2.6-4.9)	(2.0-3.9)
Hypertension	26.5%*	25.0%*	16.5%	16.1%
	(20.6-33.5)	(19.7-31.1)	(14.3-19.0)	(13.9-18.6)
Obesity	27.3%*	28.4%*	18.9%	19.0%
	(21.6-33.7)	(23.7-33.6)	(16.7-21.2)	(16.7-21.5)
Persistent anxiety	24.4%*	31.6%*	22.3%*	15.5%
	(19.2-30.5)	(26.2-37.5)	(19.9-25.0)	(13.3-17.9)
Persistent sadness	18.6%*	22.7%*	12.5%*	5.4%
	(14.1-24.2)	(17.9-28.4)	(10.6-1 <i>4.7</i>)	(4.5-6.5)

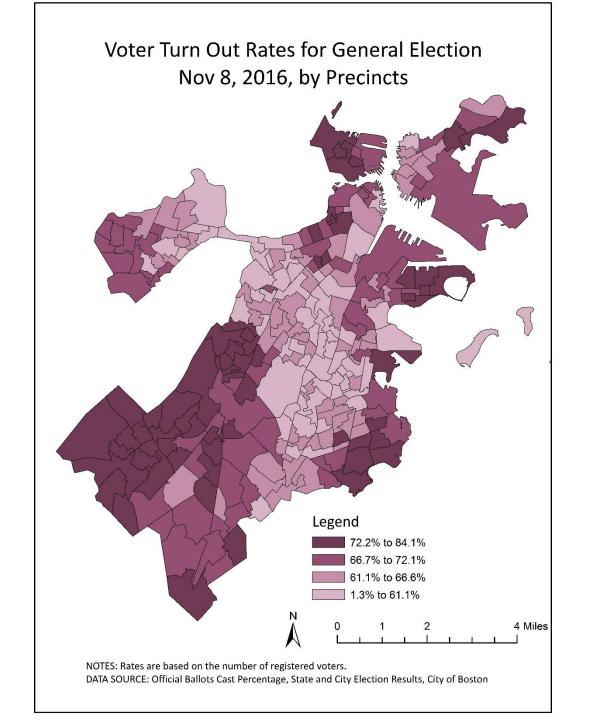
^{*} Statistically significant difference when compared to reference group (home owner)

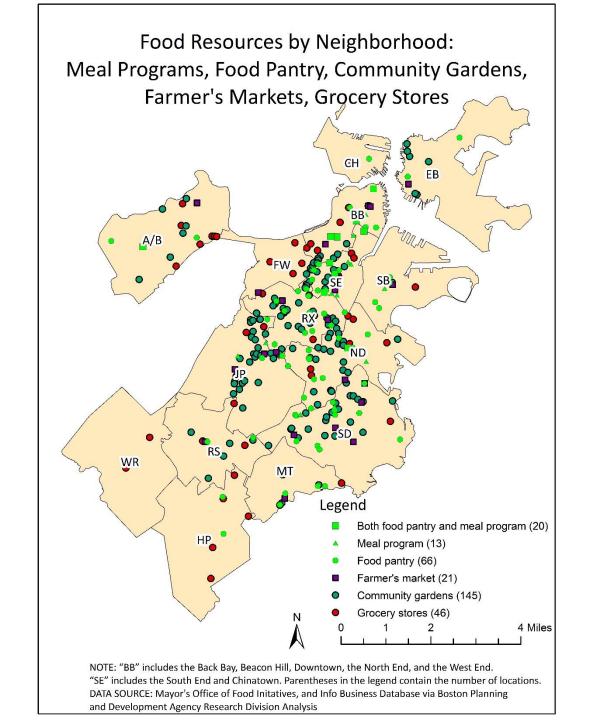
¹ Adjusted for age, race/ethnicity, and sex

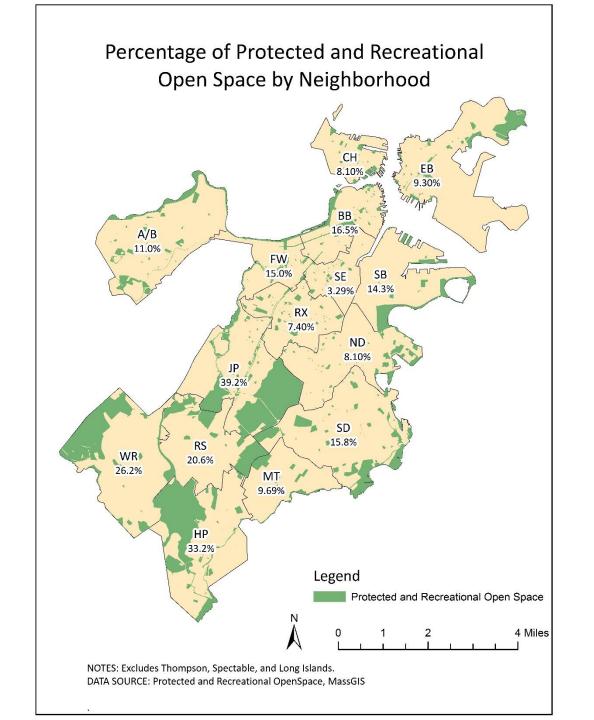
Community Assets

- Actively engaged community and partners
- Community-based organizations
- CHCs and Hospitals
- Academic institutions
- State and city agencies
- Physical and built environmental assets
- Economic assets
- Leadership

Top 5 reasons for 311 citizen requests	Count	Percent	
Sanitation	106,506	16%	
Bulk-item pick-up	63,250		
Missed trashed/recylcing pick up	39,572		
Street Cleaning	94,847	14%	
Snow-plow request	50,077		
Highway Maintenance	60,200	9%	
Sidewalk/Pothole Repair	37,244		
Enforcement & Abandoned Vehicles	59,696	9%	
Abandoned Vehicles	48,482		
Housing	42,494	6%	
Unsatisfactory heat/living condition	26,281		
Mice/pest infestation (residential)	5,895		
Lead	276		
Total requests/contacts	674,190	100.0%	







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Questions?