

Franciscan Children's Hospital

2024 Community Health Needs Assessment – Quantitative Data Appendix

Report Date: August 2024



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Note regarding data tables: The information presented in this Appendix is intended to provide supplemental data to accompany the Franciscan Children’s 2024 Community Health Needs Assessment Report. To that end, readers should reference the full 2024 Community Health Needs Assessment Report for more context and background information. Additionally, tables displaying the Youth Risk Behavior Surveys (Figures 4-14), may show an asterisk (*) next to some proportions. This indicates that any statistical significance testing performed provided a statistically significant result. Statistical significance testing was not performed for data displayed in other tables.

Community Social and Economic Context

Population And Diversity

Table 1. Total Population, in Massachusetts, Boston and Allston/Brighton, 2013-2017 to 2018-2022

	2013-2017	2014-2018	2015-2019	2018-2022
Massachusetts	6,789,319	6,830,193	6,850,553	6,984,205
Boston	669,158	679,413	684,379	665,945
Allston/Brighton	63,270	66,585	67,479	64,443

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2013-2017 to 2018-2022

Table 2. Racial and Ethnic Distribution, in Massachusetts, Boston and Allston/Brighton, 2015-2019 and 2018-2022

	2015-2019			2018-2022		
	Massachu- setts	Boston	Allston/ Brighton	Massachu- setts	Boston	Allston/ Brighton
Asian, non- Hispanic	449,793	65,613	11,771	484,291	63,633	11,877
Black, non- Hispanic	473,181	155,096	3,103	459,848	139,962	3,337
Hispanic or Latino	809,179	135,757	8,486	879,296	130,313	7,332
White, non- Hispanic	4,903,539	304,524	41,328	4,809,687	294,226	38,604
Other, non- Hispanic	214,861	23,389	2,791	70,860	5,824	805

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2019 to 2018-2022



Table 3. Racial and Ethnic Distribution by Percentage, in Massachusetts, Boston and Allston/Brighton, 2015-2019 and 2018-2022

	2015-2019			2018-2022		
	Massachusetts	Boston	Allston/Brighton	Massachusetts	Boston	Allston/Brighton
Asian, non-Hispanic	6.6%	9.6%	17.4%	6.9%	9.6%	18.4%
Black, non-Hispanic	6.9%	22.7%	4.6%	6.6%	21.0%	5.2%
Hispanic or Latino	11.8%	19.8%	12.6%	12.6%	19.6%	11.4%
White, non-Hispanic	71.6%	44.5%	61.2%	68.9%	44.2%	59.9%
Other, non-Hispanic	3.1%	3.4%	4.1%	5.0%	5.6%	5.1%

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2015-2019 to 2018-2022

Age Distribution

Table 4. Age Distribution, in Massachusetts, Boston and Allston/Brighton, 2013-2017 to 2018-2022

	0-9 years	10-19 years	20-34 years	35-54 years	55-64 years	65+ years
2013-2017						
Massachusetts	10.8%	12.6%	21.2%	26.6%	13.3%	15.5%
Boston	9.5%	11.4%	34.6%	23.6%	10.0%	11.0%
Allston/Brighton	6.0%	4.7%	57.1%	15.4%	6.1%	10.6%
2014-2018						
Massachusetts	10.7%	12.5%	21.3%	26.2%	13.4%	15.8%
Boston	9.4%	11.2%	34.8%	23.3%	10.0%	11.2%
Allston/Brighton	5.4%	4.6%	57.9%	16.6%	5.5%	9.9%
2015-2019						
Massachusetts	10.6%	12.5%	21.4%	26.0%	13.6%	16.2%
Boston	9.2%	11.3%	35.0%	23.5%	10.1%	11.6%
Allston/Brighton	5.4%	5.4%	57.6%	18.0%	5.2%	9.8%
2018-2022						
Massachusetts	10.2%	12.3%	21.1%	25.4%	13.8%	17.1%
Boston	8.7%	11.4%	33.8%	23.4%	10.4%	12.3%
Allston/Brighton	4.3%	5.7%	57.1%	16.3%	6.1%	10.5%

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2013-2017 to 2018-2022



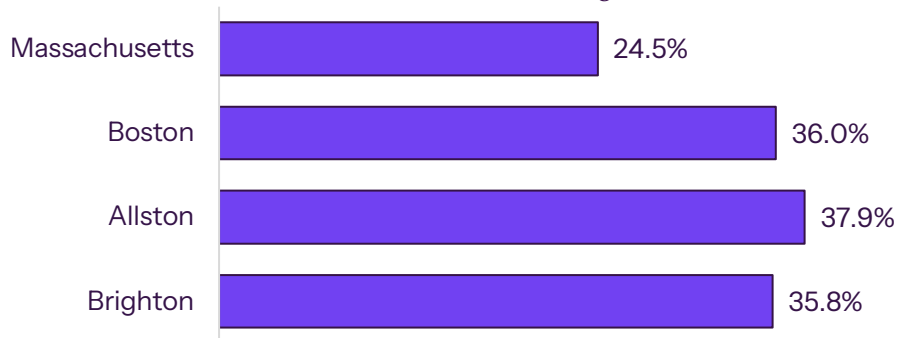
Table 5. Population under 18 years, Massachusetts, Boston and Allston/Brighton, 2013-2017 to 2018-2022

	2013-2017	2014-2018	2015-2019	2018-2022
Massachusetts	20.4%	20.2%	20.1%	19.6%
Boston	16.3%	16.2%	16.0%	15.7%
Allston/Brighton	9.1%	8.7%	8.9%	7.6%

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2013-2017 to 2018-2022

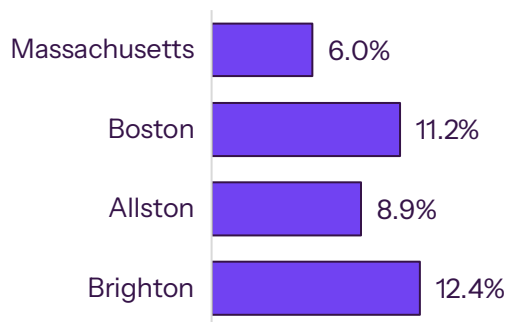
Language and Foreign-Born Population

Figure 1. Percent Population 5 Years and Over Who Speak a Language Other Than English at Home, in Massachusetts, Boston, Allston, and Brighton, 2018-2022



DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022

Figure 2. Percent Limited English-Speaking Households in Massachusetts, Boston, and Allston/Brighton, 2018-2022

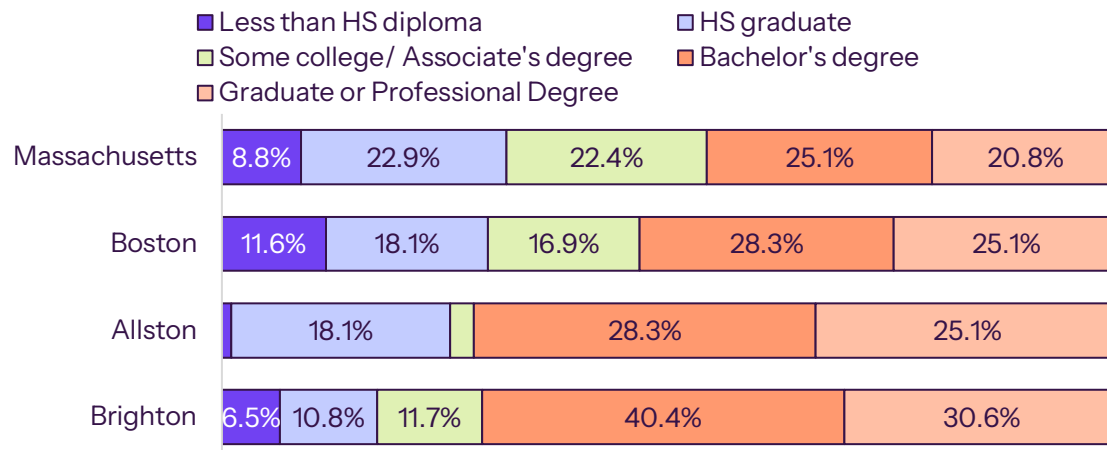


DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022



Education

Figure 3. Educational Attainment of Adults 25 Years and Older, in Massachusetts, Boston, Allston, and Brighton, 2018-2022



DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022

NOTE: Data labels < 5% are not shown

Housing and Transportation

Table 6. Means of Transportation to Work for Population 16 Years and Over, in Massachusetts, Boston and Allston/Brighton, 2018-2022

	2018-2022		
	Massachusetts	Boston	Allston/ Brighton
Car, truck, or van -- drove alone	64.2%	35.1%	25.9%
Car, truck, or van -- carpooled	7.0%	5.2%	4.1%
Public transportation (excluding taxicab)	7.6%	25.7%	22.3%
Walked	4.3%	14.0%	23.9%
Other means	2.3%	3.9%	6.9%
Worked from home	14.6%	16.1%	17.0%

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022



Table 7. Percent Households with No Vehicles Available, in Massachusetts, Boston and Allston/Brighton, 2018-2022

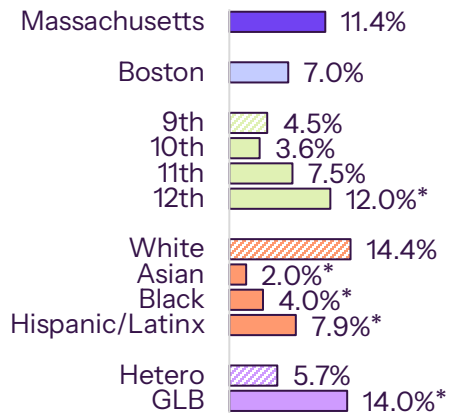
	2018-2022
Massachusetts	11.9%
Boston	33.7%
Allston/Brighton	36.3%

DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022

Community Health Outcomes and Behaviors

Substance Misuse

Figure 4. Percent High School Students Reporting Current Binge Drinking, Massachusetts (2021), Boston and Selected Boston Indicators (2021)

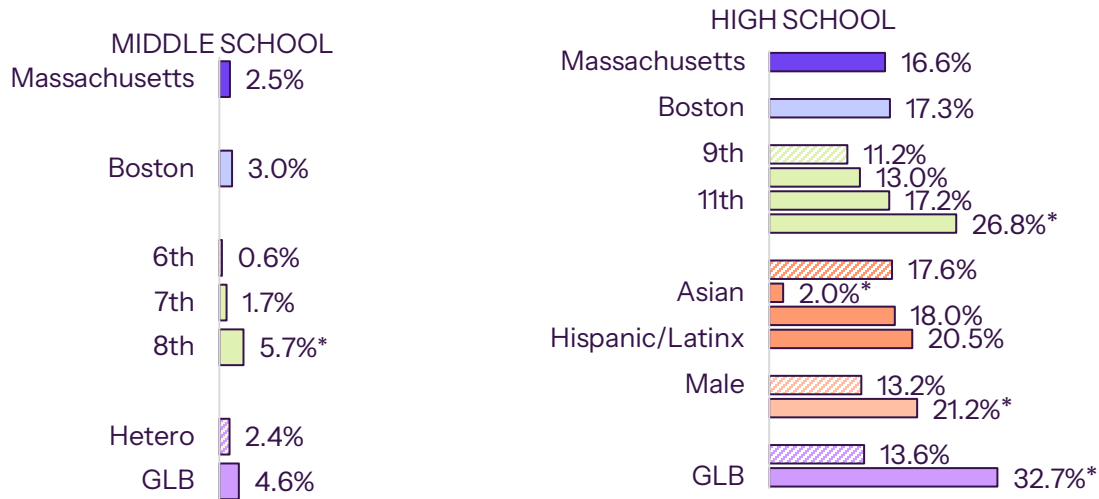


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Current binge drinking defined as four or more drinks of alcohol in a row for female students or five or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1 day during the 30 days before the survey; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)



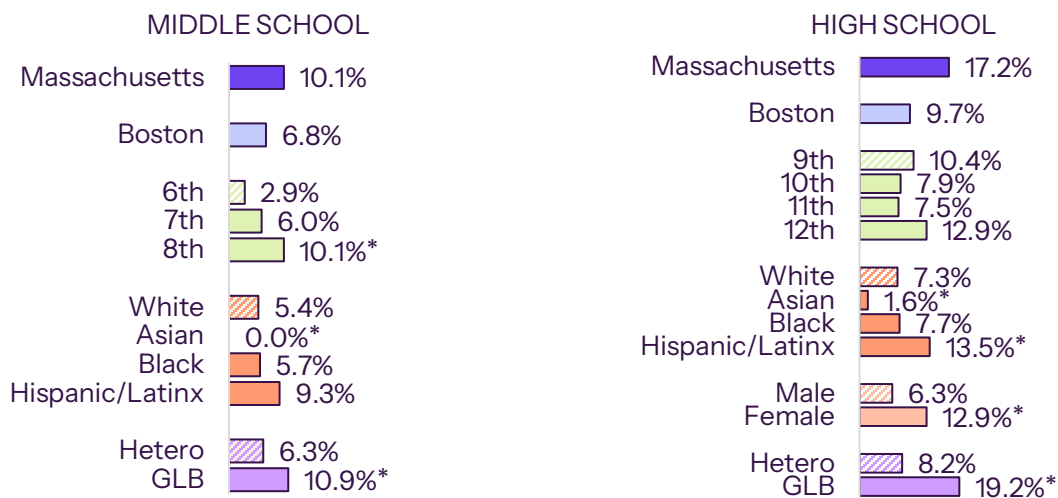
Figure 5. Percent Students Reporting Current Marijuana Use, Massachusetts (2021), Boston and Selected Boston Indicators (2021)



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Current marijuana use is defined as one or more times in the past 30 days; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)

Figure 6. Percent Students Reporting Current Electronic Vapor Product Use, Massachusetts (2021), Boston and Selected Boston Indicators (2021)

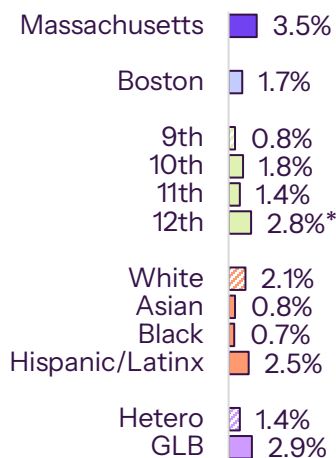


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Current electronic vapor product use is defined as one or more times in the past 30 days; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)



Figure 7. Percent High School Students Reporting Currently Smoking Cigarettes, Massachusetts (2021), Boston and Selected Boston Indicators (2021)



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Current cigarette use is defined as one or more times in the past 30 days; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)

Table 8. Percent Students Reporting Ever Misusing Prescription Pain Medicine, Massachusetts (2021), Boston and Selected Boston Indicators (2021)

Middle School		High School	
Massachusetts	3.0%	Massachusetts	5.7%
Boston	8.5%	Boston	10.2%
6 th	4.9%	9 th	12.2%
7 th	9.3%	10 th	8.5%
8 th	10.3%	11 th	9.8%
		12 th	10.4%
White	5.3%	White	7.1%
Asian	3.1%	Asian	6.8%
Black	11.3%	Black	11.6%
Hispanic/Latinx	8.6%	Hispanic/Latinx	11.0%
Male	6.7%	Male	7.0%
Female	10.5%	Female	12.9%
Heterosexual	7.7%	Heterosexual	8.4%
GLB	14.1%	GLB	16.3%

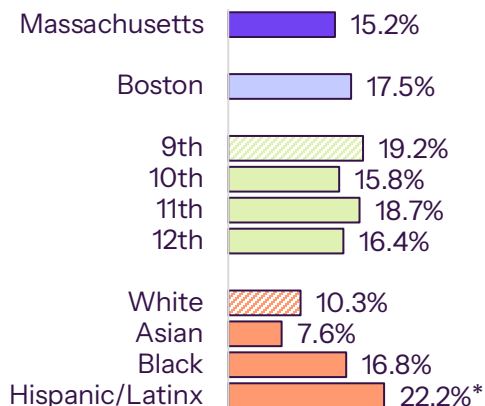
DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: For MA survey, misusing defined as not using their own prescription medicine; For Boston survey, misusing is defined as without a doctor's prescription or differently than how a doctor told them to use it.



Healthy Eating/ Active Living

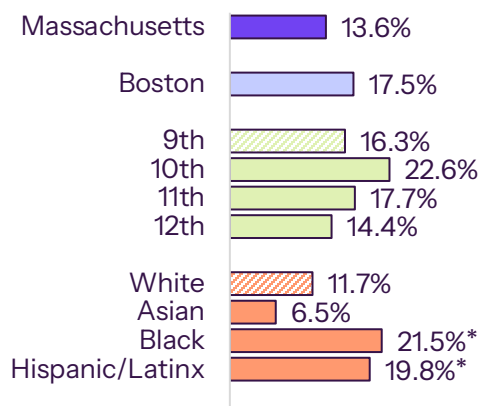
Figure 8. Percent High School Students Reporting Being Overweight, Massachusetts (2021), Boston and Selected Boston Indicators (2021)



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Overweight calculated from self-reported height and weight; Overweight defined as ≥ 85 th percentile but < 95 th percentile for body mass index, based on sex and sex; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)

Figure 9. Percent High School Students Reporting Obesity, Massachusetts (2021), Boston and Selected Boston Indicators (2021)

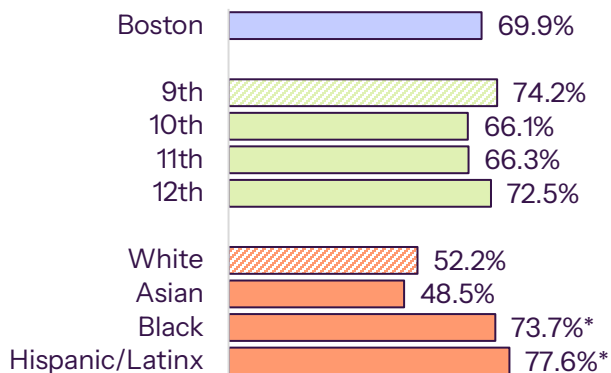


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Obesity calculated from self-reported height and weight; Obesity defined as ≥ 95 th percentile for body mass index, based on sex and sex; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)



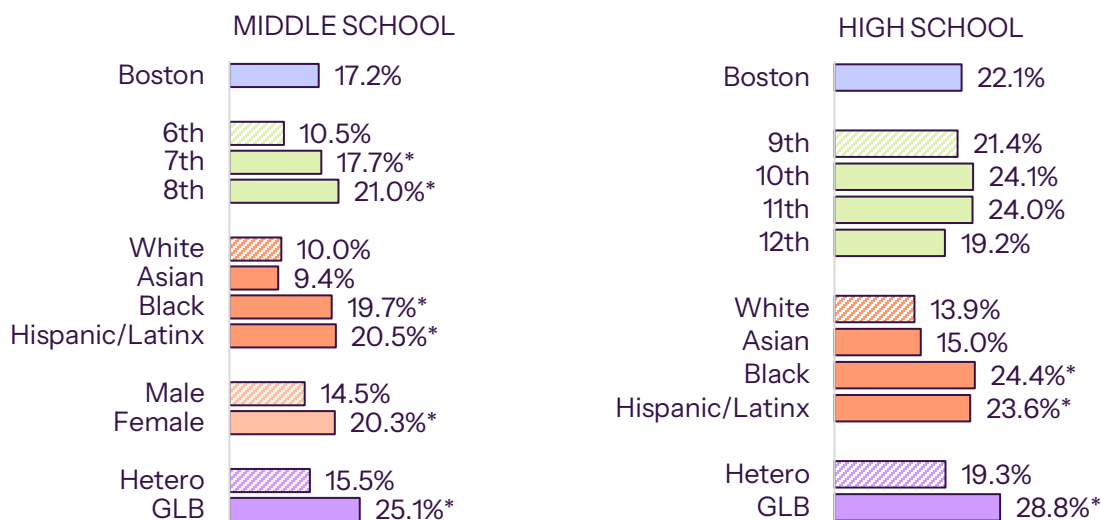
Figure 10. Percent High School Students Reporting Drinking Soda Weekly, Boston and Selected Boston Indicators (2021)



DATA SOURCE: Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)

Figure 11. Percent Students Reporting Not Eating Breakfast on All 7 Days, Boston and Selected Boston Indicators (2021)

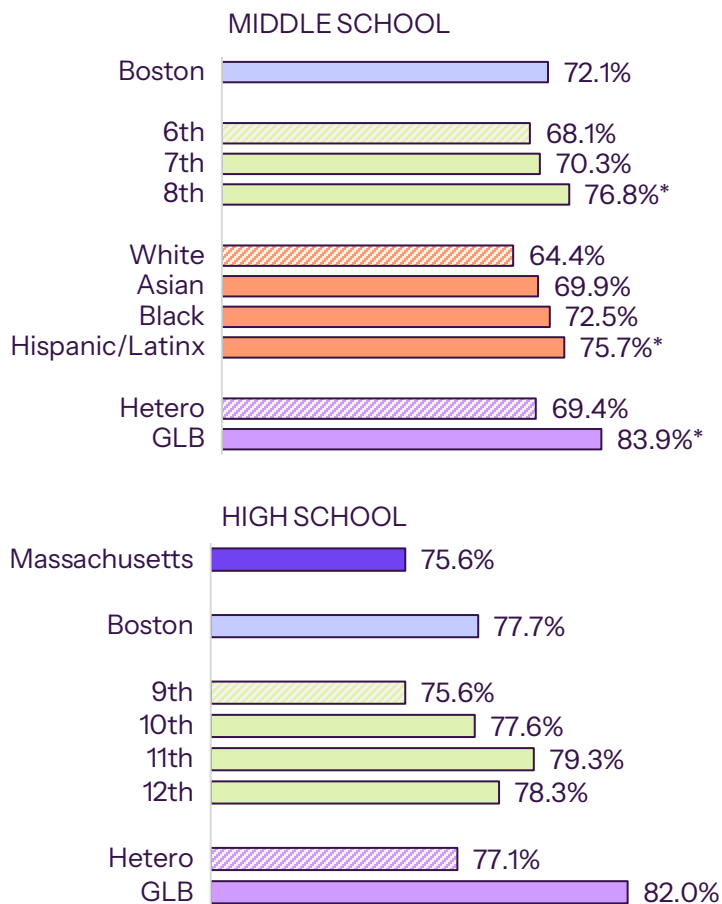


DATA SOURCE: Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)



Figure 12. Percent Students Reporting Spending 3 or More Hours Per Day on Screen Time, Massachusetts (2021), Boston and Selected Boston Indicators (2021)



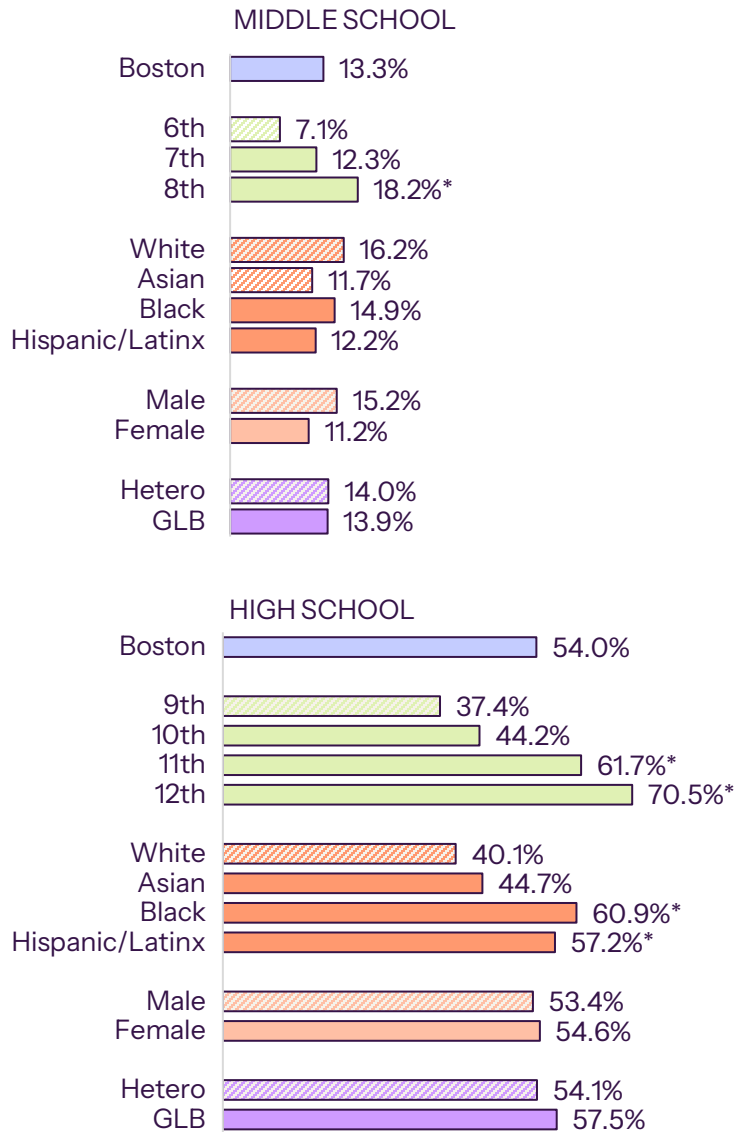
DATA SOURCE: Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Screen time defined as time in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)



Sexual Health

Figure 13. Percent Students Reporting Having Been Taught About AIDS or HIV Infections in School, Boston and Selected Boston Indicators (2021)

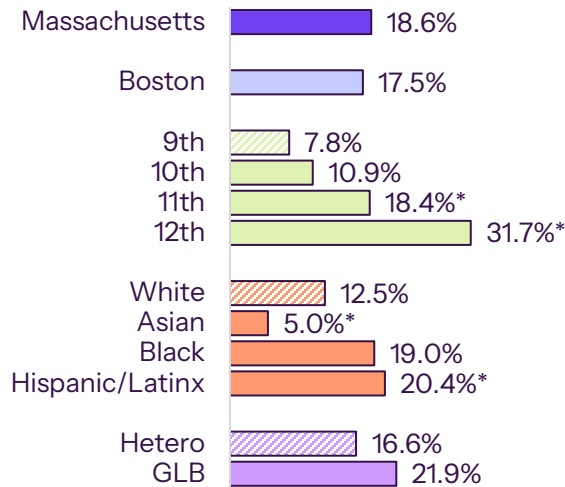


DATA SOURCE: Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p < 0.05)



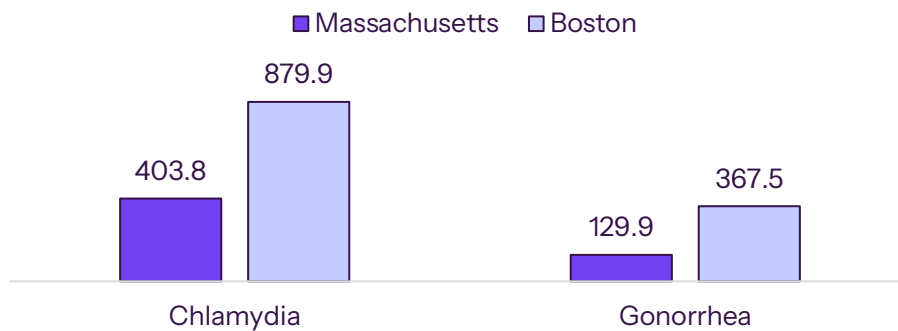
Figure 14. Percent High School Students Reporting Current Sexual Activity, Massachusetts (2021), Boston and Selected Boston Indicators (2021)



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2021; Boston High School Youth Risk Behavior Survey (YRBS), 2021

NOTE: Current is defined as having intercourse with at least one person during the 3 months before the survey; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)

Figure 15. Incidence of Sexually Transmitted Disease, Crude Rate per 100,000 Population, Massachusetts and Boston, 2022



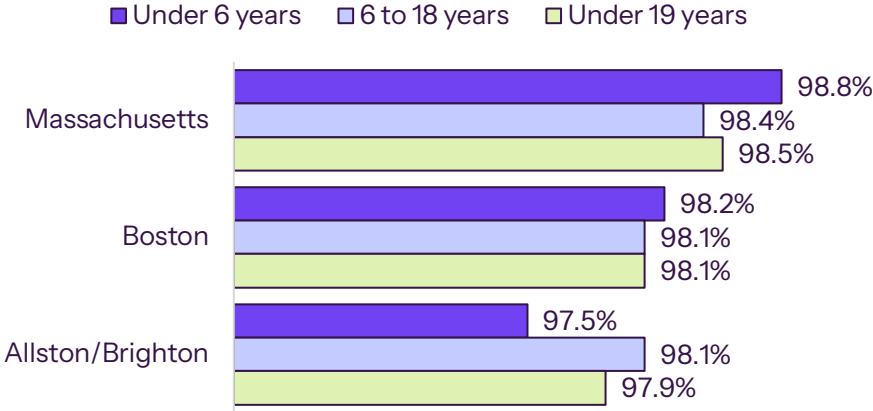
DATA SOURCE: Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences/ Division STD Prevention, 2022



Healthcare Access and Utilization

Health Insurance Coverage in Children

Figure 16. Percent Children Insured, in Massachusetts, Boston, and Allston/Brighton, 2018-2022



DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2018-2022

