

July 2021

Franciscan Children's Community Health Needs Assessment: Quantitative Data Appendix

Franciscan Children’s Community Health Needs Assessment 2021

Figure 1. Total Population, in Massachusetts, Boston, Allston, and Brighton, 2013-2019	4
Figure 2. Percent Population 5 Years and Over Who Speak a Language Other Than English at Home, in Massachusetts, Boston, Allston, and Brighton, 2015-2019	4
Figure 3. Percent Limited English-Speaking Households in Massachusetts, Boston, Allston, and Brighton, 2015-2019	4
Figure 4. Educational Attainment of Adults 25 Years and Older, in Massachusetts, Boston, Allston, and Brighton, 2015-2019.....	5
Figure 5. Percent High School Students Reporting Ever Drinking Alcohol, Massachusetts 2017, Boston and Selected Boston Indicators 2019	5
Figure 6. Percent Students Reporting Current Alcohol Consumption, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	6
Figure 7. Percent High School Students Reporting Current Binge Drinking, Massachusetts 2017, Boston and Selected Boston Indicators 2019	6
Figure 8. Percent Students Reporting Current Marijuana Use, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	7
Figure 9. Percent Students Reporting Current Electronic Vapor Product Use, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	7
Figure 10. Percent Students Reporting Currently Smoking Cigarettes, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	8
Figure 11. Percent Boston Students Reporting Currently Smoking Cigarettes or Current Electronic Vapor Product Use, Boston, and Selected Boston Indicators, 2019.....	8
Figure 12. Percent High School Students Reporting Being Overweight, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	9
Figure 13. Percent High School Students Reporting Obesity, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	9
Figure 14. Percent Students Reporting Drinking Soda Weekly, Boston and Selected Boston Indicators, 2019	10
Figure 15. Percent Students Reporting Playing Video or Computer Games or Using a Computer Three or More Hours Per Day, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	10
Figure 16. Percent Students Reported Experiencing Physical Dating Violence, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	11
Figure 17. Percent High School Students Reported Experiencing Sexual Dating Violence, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	11
Figure 18. Percent Students Reporting Having Been Taught About AIDS or HIV Infections in School, Massachusetts 2017, Boston and Selected Boston Indicators 2019.....	12

Franciscan Children’s Community Health Needs Assessment 2021

Figure 19. Percent High School Students Reporting Current Sexual Activity, Massachusetts 2017, Boston and Selected Boston Indicators 2019	12
Figure 20. Incidence of Sexually Transmitted Disease, Crude Rate per 100,000 Population, Massachusetts, and Boston, 2018.....	13
Figure 21. Percent Children Insured, in Massachusetts, Boston and Allston/Brighton, 2015-2019.....	13

Note regarding data tables: The information presented in this Appendix is intended to provide supplemental data to accompany the Franciscan Children’s 2021 Community Health Needs Assessment Report. To that end, readers should reference the full report for more context and background information.

Specific to the tables displaying Youth Risk Behavior Surveys (Figures 5-19), 2017 data is shown for Massachusetts, while 2019 data is shown for Boston. As of July 2021, more recent data for Massachusetts has yet to be released by the Massachusetts Department of Education. For that reason, the Massachusetts data is displayed for reference only. Readers should not attempt to draw comparisons between the 2017 Massachusetts data and the 2019 Boston data, as they represent two separate points in time. Tables displaying the Youth Risk Behavior Surveys 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. Additionally, data on gay, lesbian, and bisexual (GLB) students is only provided for indicators where the information is statistically significant.

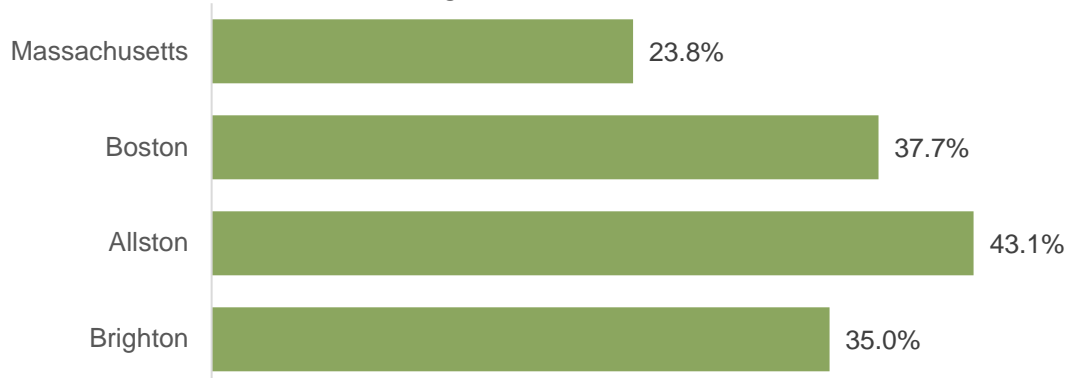
Population demographics

Figure 1. Total Population, in Massachusetts, Boston, Allston, and Brighton, 2013-2019

	2013-2017	2014-2018	2015-2019
Massachusetts	6,789,319	6,830,193	6,850,553
Boston	669,158	679,413	684,379
Allston	20,626	21,825	22,528
Brighton	42,644	44,760	44,951

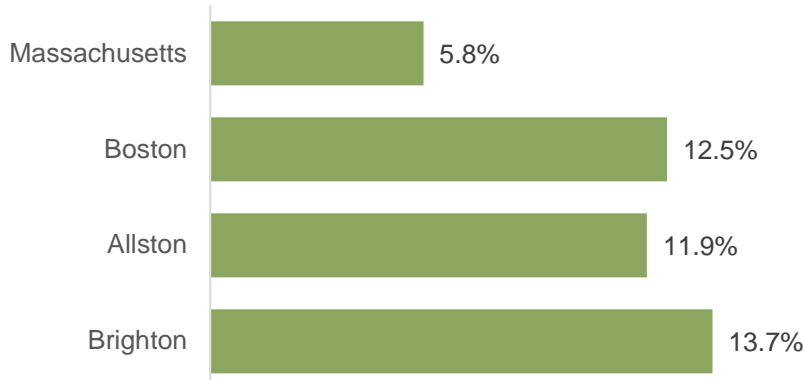
DATA SOURCE: U.S. Census Bureau, American Community Survey 5-Year Estimates, 2013-2017 to 2015-2019

Figure 2. Percent Population 5 Years and Over Who Speak a Language Other Than English at Home, in Massachusetts, Boston, Allston, and Brighton, 2015-2019



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

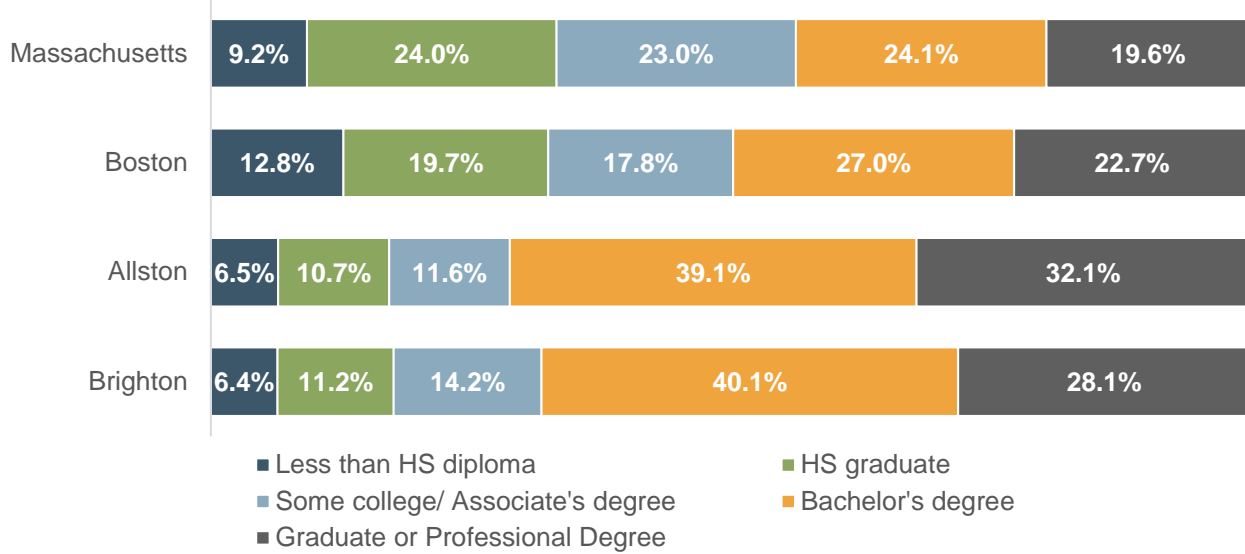
Figure 3. Percent Limited English-Speaking Households in Massachusetts, Boston, Allston, and Brighton, 2015-2019



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

Franciscan Children's Community Health Needs Assessment 2021

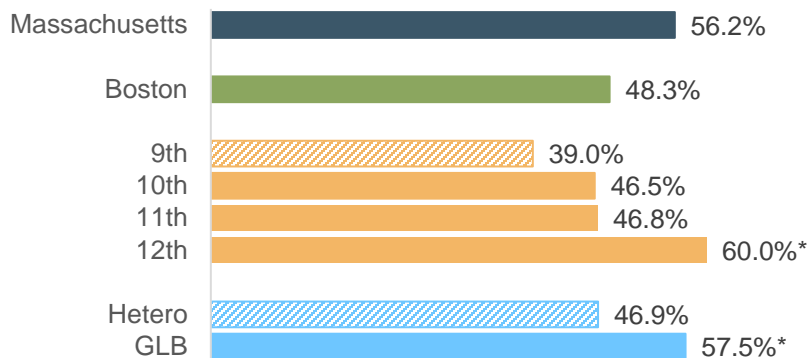
Figure 4. Educational Attainment of Adults 25 Years and Older, in Massachusetts, Boston, Allston, and Brighton, 2015-2019



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

Health Outcomes

Figure 5. Percent High School Students Reporting Ever Drinking Alcohol, Massachusetts 2017, Boston and Selected Boston Indicators 2019

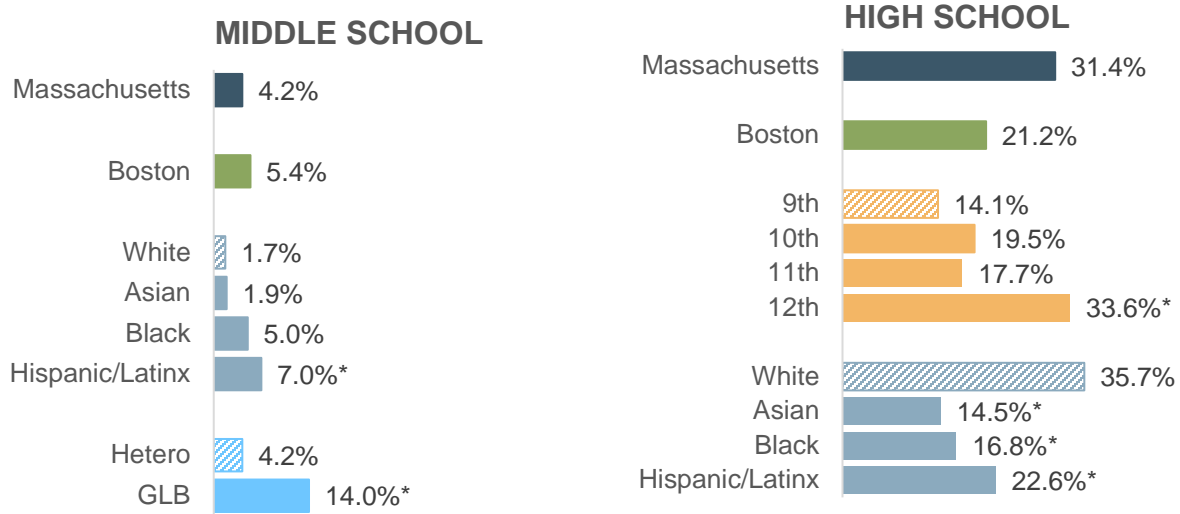


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019

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 ($p < 0.05$)

Franciscan Children's Community Health Needs Assessment 2021

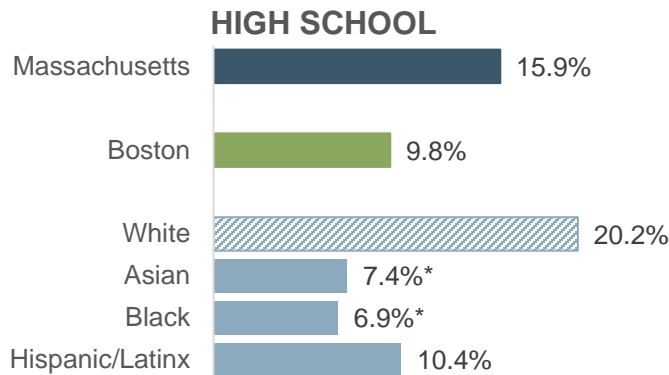
Figure 6. Percent Students Reporting Current Alcohol Consumption, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Current 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 Current Binge Drinking, Massachusetts 2017, Boston and Selected Boston Indicators 2019

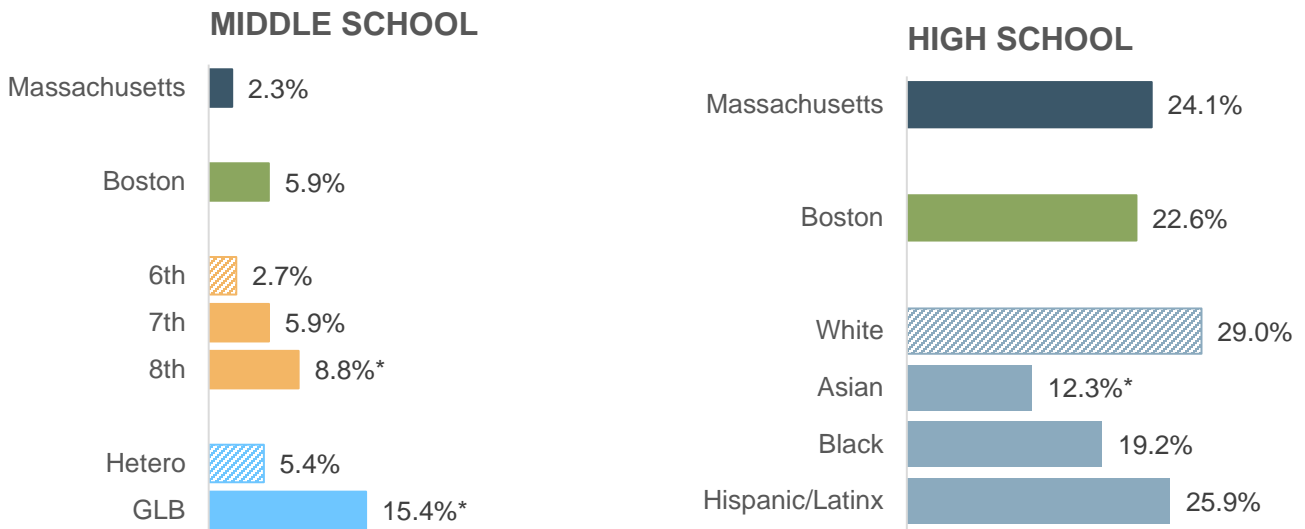


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019

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

Franciscan Children's Community Health Needs Assessment 2021

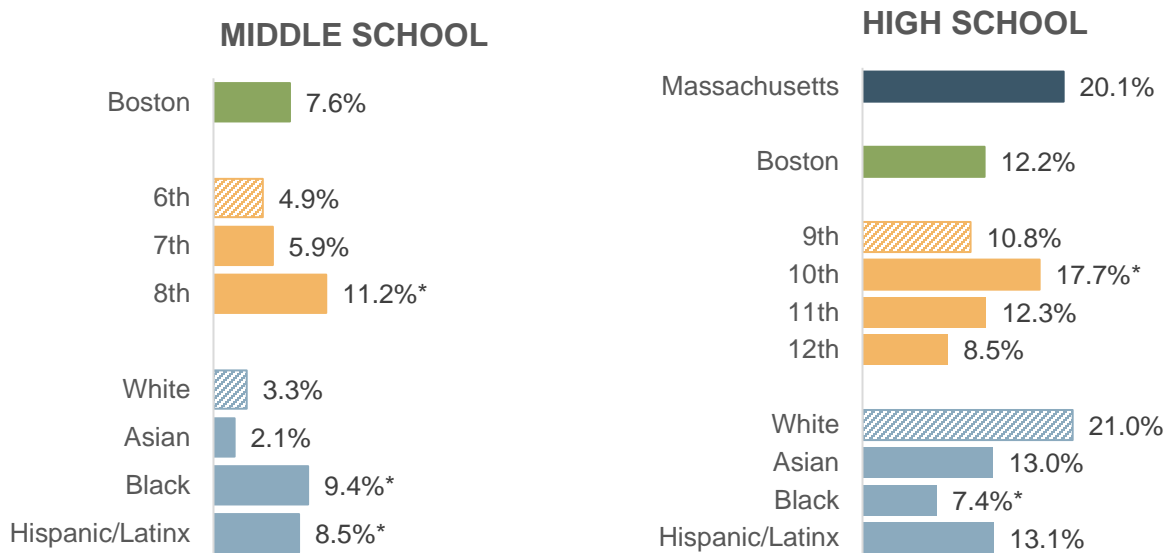
Figure 8. Percent Students Reporting Current Marijuana Use, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Current 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)

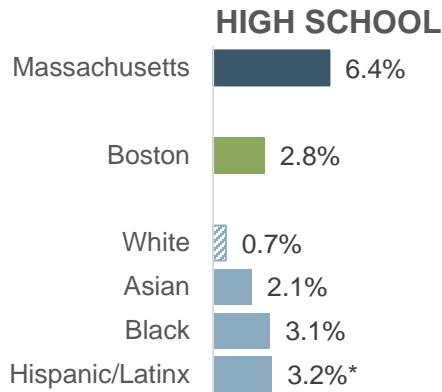
Figure 9. Percent Students Reporting Current Electronic Vapor Product Use, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

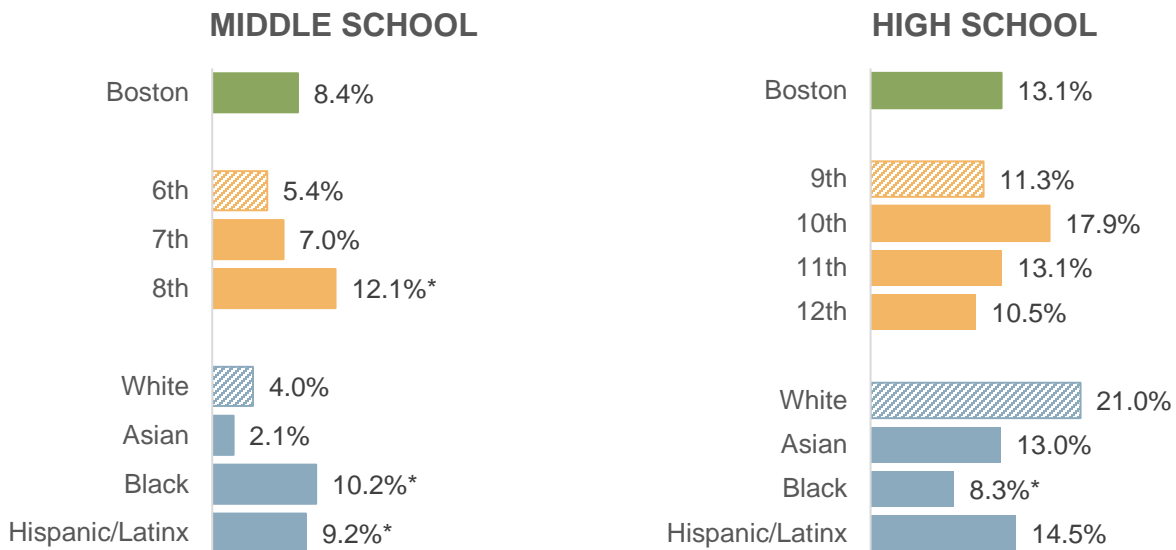
NOTE: Current is defined as one or more times in the past 30 days; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category (p <0.05)

Figure 10. Percent Students Reporting Currently Smoking Cigarettes, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019
 NOTE: Current 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)

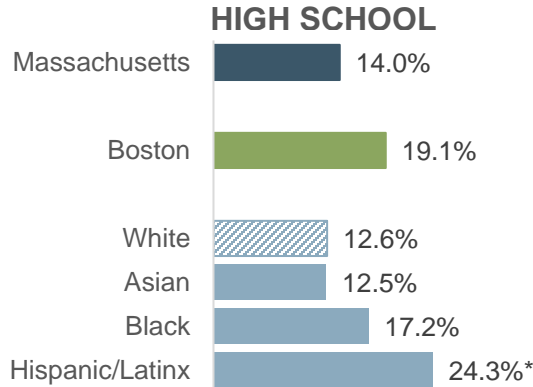
Figure 11. Percent Boston Students Reporting Currently Smoking Cigarettes or Current Electronic Vapor Product Use, Boston, and Selected Boston Indicators, 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019
 NOTE: Current 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)

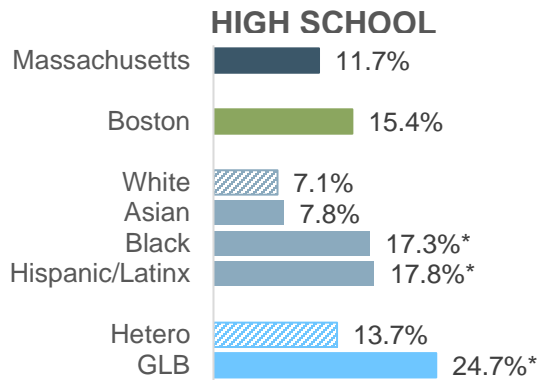
Healthy Eating / Active Living

Figure 12. Percent High School Students Reporting Being Overweight, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019
 NOTE: Overweight calculated from self-reported height and weight; Overweight defined as \geq 85th percentile but $<$ 95th percentile for body mass index, based on sex and age; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)

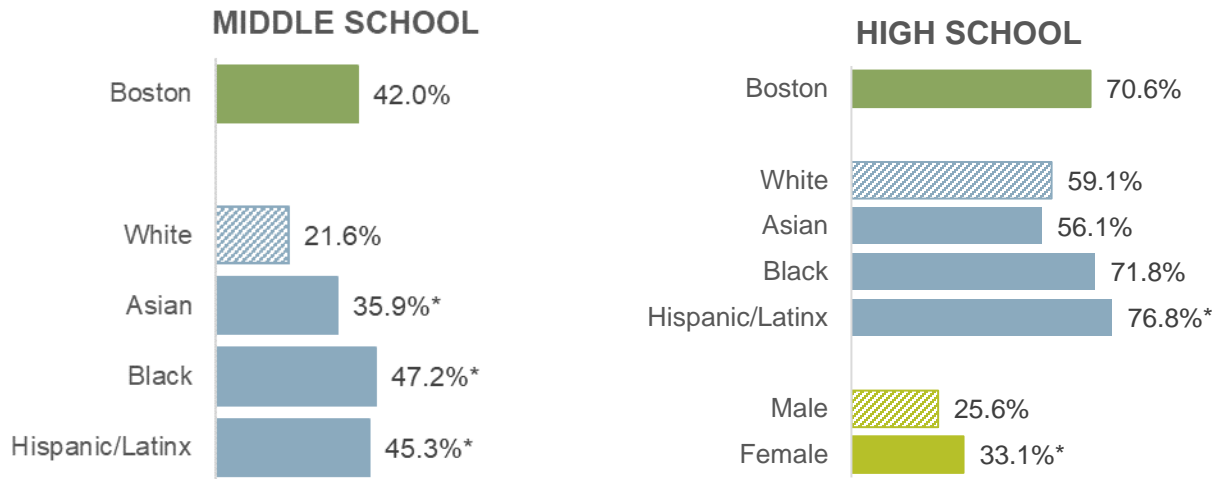
Figure 13. Percent High School Students Reporting Obesity, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019
 NOTE: Obesity calculated from self-reported height and weight; Overweight defined as \geq 95th percentile for body mass index, based on sex and age; Bars with pattern indicate reference group for its specific category; Asterisk (*) denotes where estimate was significantly different compared to reference group within specific category ($p < 0.05$)

Franciscan Children's Community Health Needs Assessment 2021

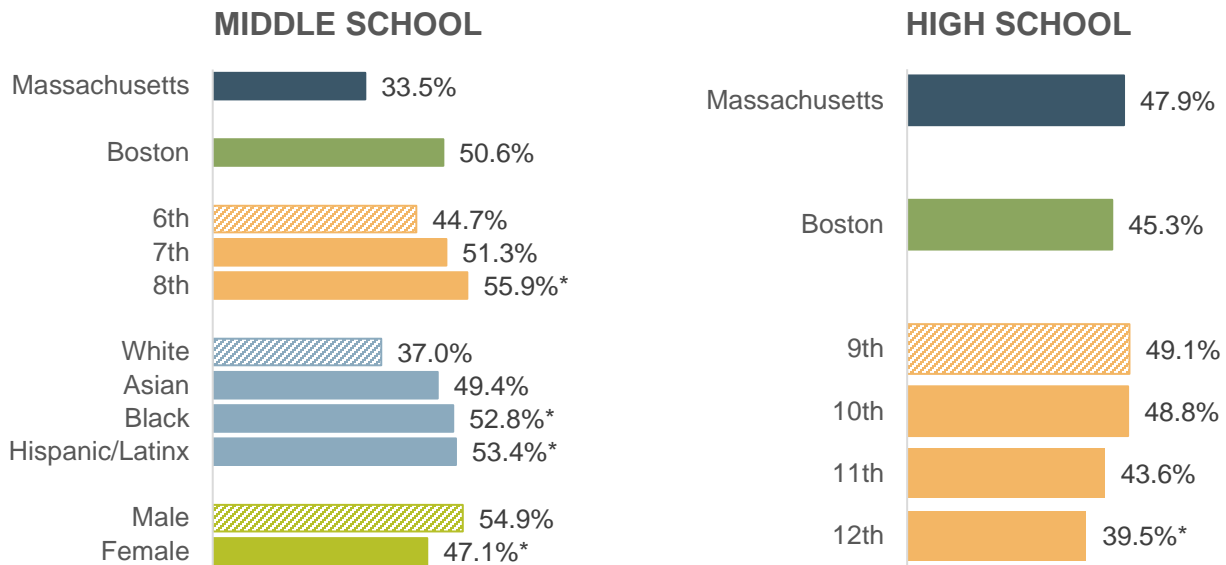
Figure 14. Percent Students Reporting Drinking Soda Weekly, Boston and Selected Boston Indicators, 2019



DATA SOURCE: Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

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 15. Percent Students Reporting Playing Video or Computer Games or Using a Computer Three or More Hours Per Day, Massachusetts 2017, Boston and Selected Boston Indicators 2019

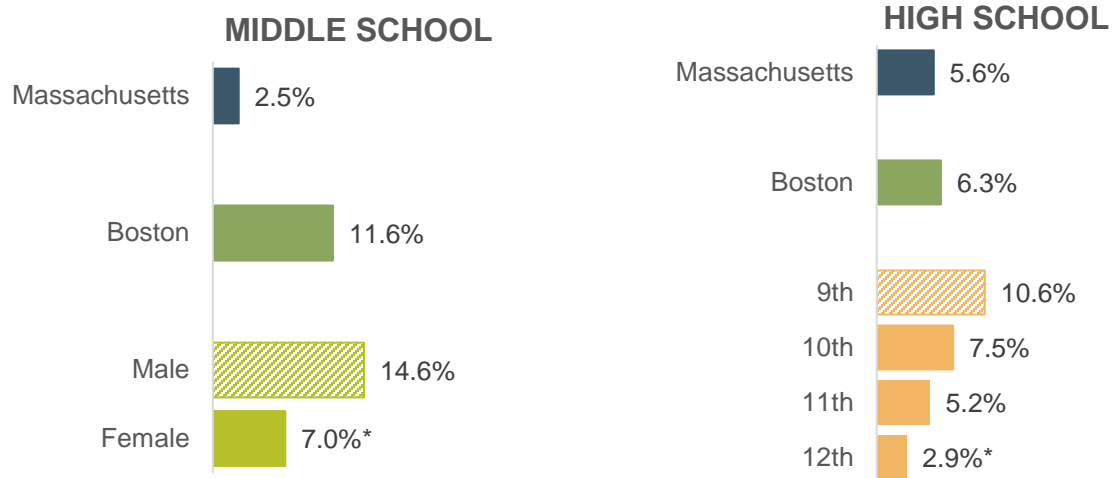


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Graph includes time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not schoolwork, on an average school day; 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)

Violence, Injury, and Trauma

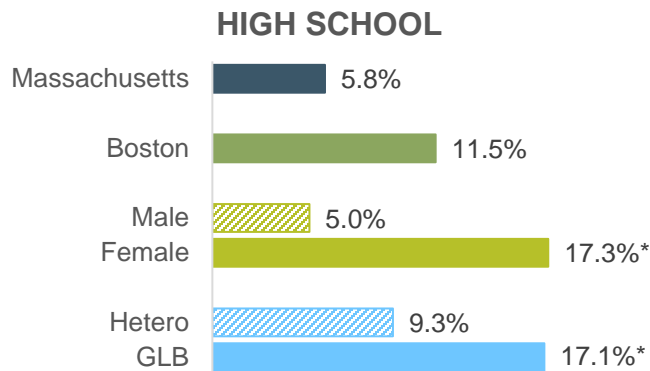
Figure 16. Percent Students Reported Experiencing Physical Dating Violence, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Physical dating violence defined as being physically hurt on purpose by someone they were dating or going out with one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 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 17. Percent High School Students Reported Experiencing Sexual Dating Violence, Massachusetts 2017, Boston and Selected Boston Indicators 2019

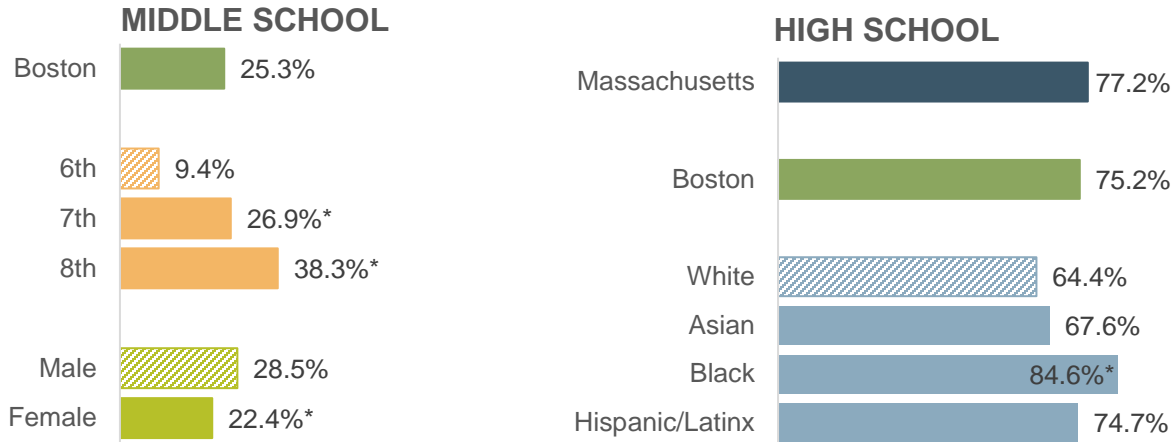


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Sexual dating violence defined as being forced by someone they were dating or going out with to do sexual things that they did not want to one or more times during the 12 months before the survey among students who dated or went out with someone during the 12 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)

Sexual Health

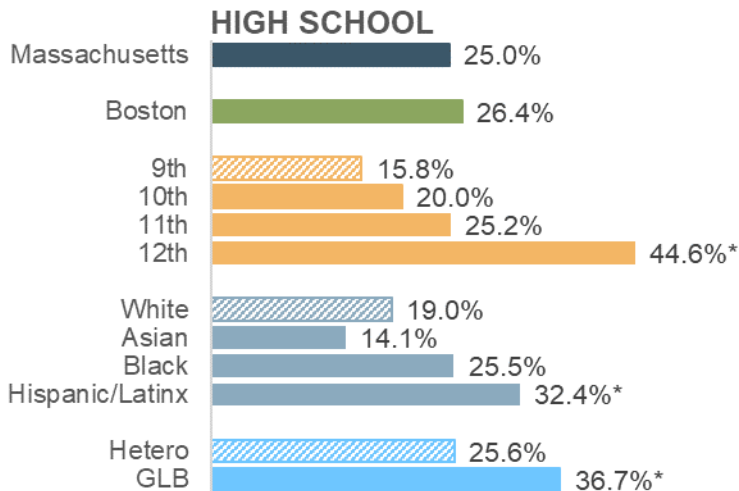
Figure 18. Percent Students Reporting Having Been Taught About AIDS or HIV Infections in School, Massachusetts 2017, Boston and Selected Boston Indicators 2019



DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston Middle and High School Youth Risk Behavior Survey (YRBS), 2019

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 19. Percent High School Students Reporting Current Sexual Activity, Massachusetts 2017, Boston and Selected Boston Indicators 2019

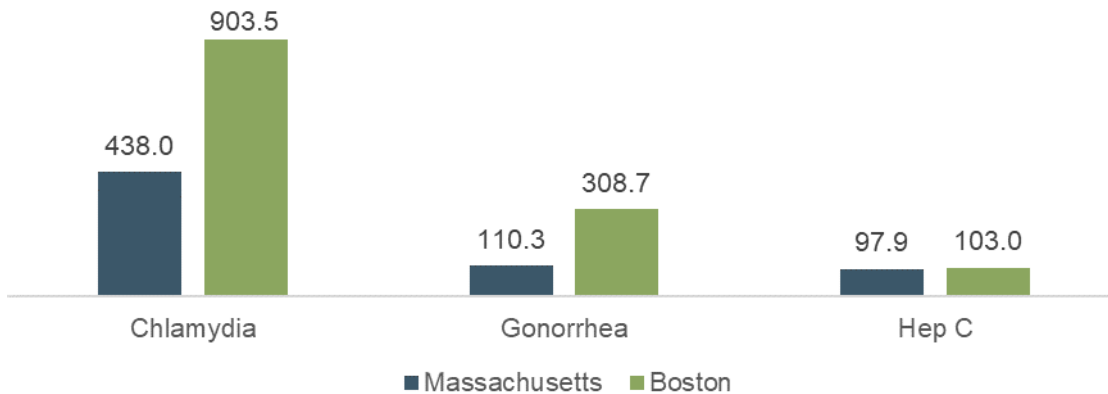


DATA SOURCE: Massachusetts Youth Risk Behavior Survey (YRBS), 2017; Boston High School Youth Risk Behavior Survey (YRBS), 2019

NOTE: Current is defined as one or more times in the past 30 days; Binge drinking is defined as having 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; 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)

Franciscan Children's Community Health Needs Assessment 2021

Figure 20. Incidence of Sexually Transmitted Disease, Crude Rate per 100,000 Population, Massachusetts, and Boston, 2018

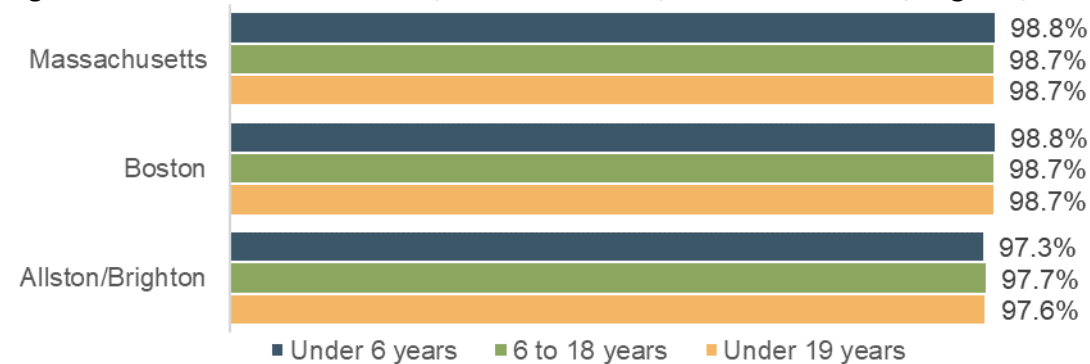


DATA SOURCE: Massachusetts Department of Public Health, Bureau of Infectious Disease and Laboratory Sciences/ Division STD Prevention, 2018

NOTE: Geography reflects residence and may not reflect location of infection

Access to Care

Figure 21. Percent Children Insured, in Massachusetts, Boston and Allston/Brighton, 2015-2019



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