

HEALTH & RISK BEHAVIORS OF MASSACHUSETTS YOUTH

EXECUTIVE SUMMARY

INTRODUCTION

Health and Risk Behaviors of Massachusetts Youth, 2017 is the product of a collaborative effort between the Massachusetts Department of Elementary and Secondary Education (DESE) and Department of Public Health (DPH) to conduct two youth surveys in Massachusetts public secondary schools.

The Massachusetts Youth Risk Behavior Survey (MYRBS) and **Massachusetts Youth Health Survey (MYHS)** are conducted every two years to monitor health indicators, behaviors, and risk factors contributing to the leading causes of morbidity, mortality, and social and academic problems among adolescents, including:

- Behaviors related to injuries and violence
- Behaviors related to personal safety
- Alcohol and other drug use
- Tobacco use
- Sexual behaviors related to unintended pregnancy and sexually transmitted infections (STIs), including HIV
- Behaviors related to nutrition and physical activity
- Protective factors
- Other factors related to adolescent health



SPRING 2017 SURVEYS

MYRBS & MYHS	▶ 59	PUBLIC HIGH SCHOOLS RANDOMLY_SELECTED
MYHS	▶ 78	PUBLIC_MIDDLE_SCHOOLS RANDOMLY_SELECTED
	8,884	STUDENT_PARTICIPANTS GRADES_6-12 VOLUNTARILY & ANONYMOUSLY

The results presented are representative of all public middle and high school students.

Local parent permission procedures were followed prior to the surveys being administered. During survey administration, procedures to protect student privacy were strictly maintained.

IN THIS SUMMARY

- ▶ Overview of results and key findings
- ▶ Demographic characteristics of students reported in the MYRBS and MYHS (Fig. 1)
- ▶ Appendix of detailed data tables on key health indicators, behaviors, and risk factors in the full report, which include overall prevalence estimates, as well as gender, grade, and race/ethnicity subgroup estimates.

2017 KEY FINDINGS



MANY YOUTH REPORT THE PRESENCE OF FACTORS ASSOCIATED WITH LOWER RATES OF RISK BEHAVIORS.

Factors such as academic achievement, exposure to positive public health messaging, school-connectedness, and a close relationship with a parent or caregiver have been recognized as potential protective factors.

- High percentages of middle school (87%) and high school students (75%) report earning grades of mostly A's and B's. This has been a consistent finding with each survey administration.
- Since 2011, an increasing percentage of middle school students report seeing or hearing anti-alcohol/anti-drug messages in the past month (72% in 2017 vs. 62% in 2011).
- Among high school students, 75% reported having a teacher in school they could talk to about a problem and 82% reported having a parent or adult family member they could talk to about things important to them.



MANY YOUTH RISK BEHAVIORS AND HEALTH-RELATED FACTORS SHOW SIGNIFICANT IMPROVEMENTS FROM 2015 TO 2017.

Since 2015, improvements have been observed in many health-related behaviors and factors among middle and high school students, such as alcohol use and related behaviors; indicators of suicidality; cigarette use; early initiation of marijuana use; and contraceptive use.

- In 2017 compared to 2015, the percent of high school students who reported riding with someone who had been drinking alcohol (14% vs. 18%) and driving after drinking alcohol (6% vs. 9%) decreased.
- Fewer high school students in 2017 compared to 2015 reported seriously considering suicide in the previous 12 months (12% vs. 15%).
- In 2017 compared to 2015, fewer middle school students reported spending 3+ hours per day playing video games and/or using the computer for something other than school work on an average school day (34% vs. 42%).
- The percentage of high school students who reported having tried marijuana before age 13 (4% vs. 6%), smoking cigarettes (6% vs. 8%) or using cigars/cigarillos (7% vs. 10%) in the previous month, and having ever drunk alcohol (56% vs. 61%) decreased in 2017 from 2015.
- Fewer high school students describe themselves as slightly or very overweight (28% vs 32%) in 2017 compared to 2015.
- Among currently sexually active high school students, more reported having used birth control pills to prevent pregnancy at last intercourse (35% vs 28%) in 2017 than 2015.



SOME YOUTH RISK BEHAVIORS AND HEALTH-RELATED FACTORS HAVE WORSENERD SIGNIFICANTLY FROM 2015 TO 2017.

A few indicators, in particular those related to nutrition and physical activity, have worsened in recent years.

- The percent of both middle (39% vs. 31%) and high school students (49% vs. 44%) who reported consuming a caffeinated beverage increased from 2015 to 2017.
- Fewer high school students in 2017 compared to 2015 reported consuming 2+ servings of fruit daily (28% vs 31%) and drinking one or more glasses of milk daily (32% vs. 38%).
- More high school students in 2017 compared to 2015 reported 3+ hours of non-school related computer usage daily (48% vs. 43%).



SOME IMPORTANT RISK AREAS REMAIN STATISTICALLY UNCHANGED SINCE 2015.

A few important indicators—notably those related to marijuana, tobacco and other substance use, school safety and nutrition, physical activity and weight - have seen small fluctuations but no significant change.

- 24% of high school students and 2% of middle school students reported using marijuana in the month prior to the survey.
- Among high school students, 41% reported ever having used an electronic vapor product and 20% reported doing so in the month prior to the survey.
- 46% of high school students and 51% of middle school students reported being physically active for 60 minutes on five or more days per week.
- Only 36% of high school students reported eating breakfast every day.
- 25% of middle school students and 26% of high school students were overweight or obese (based on self-reported height and weight).
- 15% of students report having been bullied in the past year and 5% report skipping school because they felt unsafe in the past 30 days.



AS INFLUENCES ON ADOLESCENT HEALTH AND SOCIAL WELLBEING CHANGE, IT IS CRUCIAL TO KEEP ABREAST OF NEW AND CHANGING BEHAVIORAL PATTERNS AMONG YOUTH.

With the addition of new questions to the MYRBS and MYHS, data regarding risk and protective factors may emerge that can help to inform educational and public health initiatives targeting adolescents.

In 2017, high school students were asked new questions regarding post secondary plans, perceived expression of gender, parental approval of marijuana use and familial military involvement.

- 78% of high school students reported that they probably or definitely will complete a post high school program such as a vocational program, military service, community college, or 4-year college.
- 71% of students reported that their parents or other adult family members would disapprove if they smoked marijuana.
- 10% reported that they had a parent or other family member currently serving on active duty in the military.
- 11% of students reported that they are perceived by others at school to be equally feminine and masculine.

DEMOGRAPHICS

Figure 1: Demographic Characteristics of the 2017 MYHS and MYRBS

	Middle School MYHS (N=3,074)	High School	
		MYHS (N=2,524)	MYHS (N=3,286)
Sex			
Female	1498 (49.2%)	1,159 (49.4%)	1,632 (49.5%)
Male	1470 (50.8%)	1,328 (50.6%)	1,642 (50.5%)
Missing	106	37	12
Grade			
6th grade	931 (33.0%)	---	---
7th grade	1,092 (33.4%)	---	---
8th grade	1,024 (33.5%)	---	---
9th grade	---	784 (26.2%)	808 (26.2%)
10th grade	---	586 (25.0%)	846 (25.3%)
11th grade	---	586 (24.7%)	847 (24.5%)
12th grade	---	546 (23.7%)	755 (23.9%)
Ungraded or Other	6 (0.1%)	10 (0.4%)	2 (0.1%)
Missing	21	12	28
Race/Ethnicity ^a			
White, non-Hispanic	1,618 (62.2%)	1,536 (64.1%)	1,500 (64.2%)
Black, non-Hispanic	202 (8.7%)	216 (9.1%)	477 (9.1%)
Hispanic or Latino	649 (19.2%)	424 (17.7%)	759 (17.6%)
Asian, non-Hispanic	222 (5.3%)	157 (5.1%)	261 (6.1%)
Other or Multiple Ethnicity, non- Hispanic (NH)	187 (4.6%)	134 (4.0%)	211 (3.0%)
Missing	196	57	78

(a) Students were allowed to indicate multiple racial/ethnic categories. If Hispanic/ Latino was indicated as an ethnic identification, whether alone or in combination with other ethnic categories, the student was categorized as Hispanic/Latino. The Other or Multiple Ethnicity category includes American Indian, Alaskan Natives or Pacific Islander and youth who indicated several ethnicities that did not include Hispanic/Latino.

THE FULL REPORT

The pending full report, **Health and Risk Behaviors of Massachusetts Youth, 2017**, will provide more comprehensive findings on key health and safety indicators in a topic-specific format to include prevalence estimates, trend data indicating significant changes over the past five survey administrations (ten years), and comparative data among subpopulations at disproportionate risk. The full report will also highlight prevention, education, and policy initiatives undertaken by DESE, DPH, and other state and community agencies to address issues affecting our youth. Additionally (where applicable), health-related policies and practices implemented across the Commonwealth's public middle and high schools will also be spotlighted utilizing information gathered from the 2016 School Health Profiles (Profiles). The Profiles is conducted every two years and assesses the status of school health and physical education policies and programs at the middle/junior high and senior high school levels. Districts and communities are encouraged to use the data and resources presented for program planning and improvement.



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PROTECTIVE FACTORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Sleeping 8+ hours on an average school night	Earning mostly A's and B's in school
Overall (95% Confidence Interval)		19.8 (18.1 - 21.4)	75.2 (72.2 - 78.2)
Grade	9th Grade	28.1 (24.3 - 32.0)	71.3 (64.7 - 77.8)
	10th Grade	17.0 (14.1 - 19.8)	74.7 (68.8 - 80.6)
	11th Grade	18.8 (15.0 - 22.6)	77.1 (71.5 - 82.7)
	12th Grade	14.8 (11.4 - 18.2)	78.4 (72.7 - 84.2)
Gender	Male	22.3 (19.5 - 25.2)	68.5 (65.2 - 71.8)
	Female	17.3 (15.1 - 19.6)	81.8 (78.1 - 85.6)
Race/Ethnicity	White, NH	20.4 (18.5 - 22.4)	79.6 (76.6 - 82.5)
	Black, NH	20.2 (15.9 - 24.4)	62.3 (56.7 - 67.9)
	Hispanic	17.8 (13.4 - 22.2)	63.5 (58.1 - 68.9)
	Asian, NH	16.3 (10.7 - 22.0)	84.3 (79.1 - 89.5)
	Other/Multiracial, NH	18.5 (12.7 - 24.4)	72.9 (65.7 - 80.1)

Data source: Massachusetts Youth Risk Behavior Survey 2017

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

PROTECTIVE FACTORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		Having at least one parent or other adult family member that they can talk to about things important to them	Having at least one teacher or other adult at school that they can talk to if they have a problem	Probably or Definitely will complete a post high school program such as a vocational program, military service, community college, or 4-year college
Overall (95% Confidence Interval)		81.7 (79.3 - 84.2)	75.0 (72.7 - 77.3)	78.1 (75.3 – 80.8)
Grade	9th Grade	80.1 (76.2 - 84.0)	71.5 (67.2 - 75.7)	71.9 (67.1 – 76.4)
	10th Grade	80.0 (76.1 - 84.0)	72.2 (68.0 - 76.3)	77.7 (72.0 – 82.5)
	11th Grade	83.7 (79.1 - 88.2)	77.8 (73.2 - 82.4)	80.8 (76.5 – 84.4)
	12th Grade	83.2 (79.5 - 86.9)	78.9 (75.1 - 82.6)	82.6 (78.1 – 86.3)
Gender	Male	81.6 (78.5 - 84.7)	74.7 (72.4 - 77.0)	75.0 (72.0 – 77.9)
	Female	82.0 (79.4 - 84.6)	75.5 (72.4 - 78.6)	81.4 (78.1 – 84.3)
Race/Ethnicity	White, NH	85.6 (83.7 - 87.6)	77.5 (74.8 - 80.3)	80.9 (77.8 – 83.7)
	Black, NH	68.5 (60.8 - 76.1)	65.9 (60.6 - 71.1)	77.0 (67.7 – 84.3)
	Hispanic	74.9 (70.4 - 79.5)	72.0 (67.9 - 76.2)	68.7 (63.1 – 73.8)
	Asian, NH	75.8 (67.1 - 84.4)	71.2 (64.8 - 77.6)	77.4 (70.4 – 83.2)
	Other/Multiracial, NH	78.1 (71.0 - 85.3)	72.2 (66.5 - 78.0)	82.4 (73.0 – 89.0)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

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PROTECTIVE FACTORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Sleeping 8+ hours on an average school night	Earning mostly A's and B's in school
Overall (95% Confidence Interval)		59.0 (56.3 - 61.8)	87.4 (84.9 - 89.9)
Grade	6th Grade	73.1 (69.8 - 76.4)	90.0 (86.4 - 93.6)
	7th Grade	59.0 (55.4 - 62.5)	89.0 (85.4 - 92.6)
	8th Grade	45.6 (41.4 - 49.8)	83.6 (79.7 - 87.5)
Gender	Male	62.4 (59.1 - 65.6)	83.6 (80.2 - 87.1)
	Female	55.8 (52.4 - 59.2)	91.1 (88.8 - 93.5)
Race/Ethnicity	White, NH	61.8 (58.8 - 64.8)	90.0 (87.8 - 92.3)
	Black, NH	53.2 (44.0 - 62.4)	83.6 (76.7 - 90.6)
	Hispanic	51.0 (45.6 - 56.4)	76.6 (70.9 - 82.3)
	Asian, NH	55.9 (47.6 - 64.2)	93.6 (89.7 - 97.5)
	Other/Multiracial, NH	53.2 (44.8 - 61.6)	85.8 (79.6 - 92.1)

Data source: Massachusetts Youth Health Survey 2017.

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SEXUAL and GENDER MINORITY YOUTH – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Being Lesbian, Gay, or Bisexual	Being Transgender	Perceived as being equally feminine and masculine
Overall (95% Confidence Interval)		9.6 (8.2 - 11.0)	1.7 (1.2 - 2.1)	10.9 (9.5 – 12.4)
Grade	9th Grade	8.4 (5.4 - 11.3)	2.7 (1.5 - 4.0)	12.1 (9.7 – 15.2)
	10th Grade	9.8 (7.2 - 12.5)	1.4 (0.7 - 2.1)	11.9 (8.8 – 15.8)
	11th Grade	11.0 (9.0 - 13.1)	-	9.0 (6.7 – 11.8)
	12th Grade	9.3 (7.1 - 11.5)	-	10.6 (8.3 – 13.6)
Gender	Male	5.4 (3.8 - 7.0)	2.0 (1.3 - 2.7)	9.7 (7.8 – 12.0)
	Female	13.8 (11.6 - 16.0)	1.3 (0.7 - 1.9)	12.0 (10.3 – 14.1)
Race/Ethnicity	White, NH	8.8 (7.2 - 10.3)	1.5 (0.9 - 2.1)	8.9 (7.3 – 10.7)
	Black, NH	6.2 (2.7 - 9.7)	-	14.3 (10.3 – 19.7)
	Hispanic	13.5 (10.1 - 16.9)	-	15.6 (12.2 – 19.8)
	Asian, NH	8.7 (4.5 - 12.9)	-	9.7 (6.0 – 15.3)
	Other/Multiracial, NH	15.2 (9.5 - 20.9)	-	16.9 (10.9 - 25.3)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

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PHYSICAL ACTIVITY – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Attending physical education (PE) classes on one or more days in an average week when they were in school	Being physically active for 60 minutes, 5+ days per week	^Engaging in vigorous activity for 20+ minutes, 3+ times per week
Overall (95% Confidence Interval)		59.5 (52.9 - 66.0)	45.7 (42.1 - 49.4)	74.1 (71.0 - 77.2)
Grade	9th Grade	65.0 (57.1 - 73.0)	47.9 (42.3 - 53.5)	78.8 (74.3 - 83.4)
	10th Grade	66.4 (55.3 - 77.6)	48.5 (42.5 - 54.4)	74.4 (69.7 - 79.2)
	11th Grade	59.8 (46.3 - 73.3)	45.2 (41.0 - 49.4)	72.6 (66.4 - 78.9)
	12th Grade	46.4 (35.3 - 57.6)	41.3 (34.7 - 47.8)	70.4 (65.5 - 75.2)
Gender	Male	61.1 (54.8 - 67.4)	53.2 (49.3 - 57.1)	79.1 (76.1 - 82.0)
	Female	57.9 (50.3 - 65.5)	38.4 (33.8 - 43.0)	69.3 (64.6 - 74.1)
Race/Ethnicity	White, NH	61.2 (53.2 - 69.3)	50.9 (46.7 - 55.1)	78.1 (74.9 - 81.3)
	Black, NH	59.4 (48.4 - 70.3)	34.2 (27.3 - 41.1)	63.0 (55.3 - 70.8)
	Hispanic	55.0 (47.3 - 62.7)	36.7 (30.7 - 42.8)	68.7 (62.8 - 74.5)
	Asian, NH	53.1 (41.5 - 64.7)	35.1 (28.2 - 41.9)	66.8 (58.1 - 75.4)
	Other/Multiracial, NH	59.6 (51.5 - 67.7)	48.4 (41.0 - 55.8)	74.0 (63.3 - 84.7)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted(^), in which case the data was from Massachusetts Youth Health survey 2017.

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PHYSICAL ACTIVITY – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Being physically active for 60 minutes, 5+ days per week	Engaging in vigorous activity for 20+ minutes, 3+ times per week
Overall (95% Confidence Interval)		50.9 (48.0 - 53.8)	76.4 (73.9 - 78.9)
Grade	6th Grade	52.8 (48.1 - 57.6)	78.8 (75.2 - 82.4)
	7th Grade	47.3 (43.5 - 51.0)	75.4 (71.3 - 79.4)
	8th Grade	52.9 (48.9 - 56.8)	75.7 (72.0 - 79.4)
Gender	Male	57.6 (54.2 - 61.0)	80.4 (77.8 - 82.9)
	Female	43.9 (40.2 - 47.7)	72.5 (69.1 - 75.9)
Race/Ethnicity	White, NH	56.7 (53.2 - 60.2)	81.7 (79.5 - 84.0)
	Black, NH	35.5 (28.2 - 42.8)	64.5 (57.3 - 71.6)
	Hispanic	42.3 (38.0 - 46.6)	66.5 (60.9 - 72.1)
	Asian, NH	37.0 (30.4 - 43.5)	67.4 (60.6 - 74.2)
	Other/Multiracial, NH	47.5 (38.1 - 56.9)	78.5 (71.5 - 85.5)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SCREEN TIME – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Spending 3+ hours per day playing video games and/or using the computer for something other than school work (on an average school day)	[^] Spending 3+ hours per day playing video games and/or using the computer for something other than school work (on an average weekend day)
Overall (95% Confidence Interval)		47.9 (45.2 - 50.6)	61.6 (58.5 - 64.7)
Grade	9th Grade	52.2 (47.2 - 57.2)	64.3 (59.8 - 68.8)
	10th Grade	48.6 (43.4 - 53.7)	68.2 (63.9 - 72.5)
	11th Grade	43.8 (38.8 - 48.9)	59.6 (54.3 - 64.8)
	12th Grade	47.2 (42.5 - 51.9)	54.5 (48.4 - 60.7)
Gender	Male	44.2 (40.9 - 47.4)	58.9 (55.2 - 62.7)
	Female	52.0 (47.8 - 56.1)	63.9 (60.3 - 67.5)
Race/Ethnicity	White, NH	48.1 (44.9 - 51.4)	59.0 (55.3 - 62.7)
	Black, NH	50.4 (42.8 - 58.0)	61.2 (53.6 - 68.7)
	Hispanic	44.0 (38.3 - 49.6)	67.0 (61.8 - 72.1)
	Asian, NH	54.2 (44.7 - 63.8)	73.0 (62.5 - 83.6)
	Other/Multiracial, NH	47.0 (40.7 - 53.3)	63.5 (54.4 - 72.6)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted ([^]), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%

SCREEN TIME– MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Spending 3+ hours per day playing video games and/or using the computer for something other than school work (on an average school day)	Spending 3+ hours per day playing video games and/or using the computer for something other than school work (on an average weekend day)
Overall (95% Confidence Interval)		33.5 (30.6 - 36.4)	58.5 (55.7 - 61.4)
Grade	6th Grade	24.8 (20.5 - 29.1)	49.0 (43.7 - 54.3)
	7th Grade	33.9 (30.1 - 37.8)	61.7 (57.8 - 65.6)
	8th Grade	41.4 (37.1 - 45.8)	65.1 (60.9 - 69.3)
Gender	Male	31.4 (27.8 - 35.0)	59.8 (56.3 - 63.2)
	Female	35.7 (32.4 - 38.9)	57.9 (54.3 - 61.4)
Race/Ethnicity	White, NH	30.2 (26.9 - 33.5)	55.4 (52.1 - 58.6)
	Black, NH	42.5 (35.9 - 49.1)	72.0 (63.9 - 80.1)
	Hispanic	43.2 (39.3 - 47.2)	64.3 (60.5 - 68.2)
	Asian, NH	36.2 (28.3 - 44.1)	59.4 (49.1 - 69.6)
	Other/Multiracial, NH	32.6 (25.8 - 39.5)	58.6 (49.4 - 67.9)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

DIETARY BEHAVIORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Drinking 3+ glasses of milk per day	Eating breakfast every day	Drinking 1+ glass of non-diet soda per day	Eating fruit or drinking 100% fruit juice 2+ times per day
Overall (95% Confidence Interval)		9.0 (7.9 - 10.1)	36.3 (33.7 - 38.9)	10.5 (8.8 - 12.3)	27.8 (25.1 - 30.6)
Grade	9th Grade	9.5 (6.9 - 12.1)	40.3 (36.1 - 44.5)	9.5 (6.8 - 12.2)	28.6 (24.8 - 32.5)
	10th Grade	10.6 (7.9 - 13.4)	35.2 (30.2 - 40.2)	11.4 (8.4 - 14.4)	28.3 (24.4 - 32.3)
	11th Grade	8.1 (6.0 - 10.2)	36.1 (32.5 - 39.8)	9.9 (7.0 - 12.7)	28.7 (23.4 - 34.0)
	12th Grade	7.4 (4.0 - 10.8)	32.9 (28.0 - 37.7)	11.7 (8.3 - 15.1)	25.6 (22.6 - 28.5)
Gender	Male	12.9 (10.6 - 15.2)	38.0 (34.3 - 41.6)	12.8 (10.5 - 15.1)	26.8 (23.7 - 29.8)
	Female	4.9 (3.8 - 6.1)	34.7 (31.6 - 37.8)	8.2 (6.0 - 10.4)	28.9 (25.4 - 32.3)
Race/Ethnicity	White, NH	10.0 (8.3 - 11.7)	37.7 (35.3 - 40.1)	10.4 (8.5 - 12.4)	25.8 (22.7 - 28.9)
	Black, NH	8.5 (5.7 - 11.3)	27.9 (22.2 - 33.6)	10.5 (6.0 - 14.9)	36.4 (30.6 - 42.2)
	Hispanic	5.2 (3.1 - 7.3)	33.8 (29.0 - 38.6)	12.9 (10.2 - 15.7)	27.3 (23.1 - 31.5)
	Asian, NH	-	41.9 (32.5 - 51.4)	-	32.9 (24.7 - 41.0)
	Other/Multiracial, NH	7.3 (3.4 - 11.2)	32.9 (25.6 - 40.2)	13.2 (8.0 - 18.5)	36.1 (26.5 - 45.6)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (*), in which case the data was from the Massachusetts Youth Health Survey 2017. .

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

DIETARY BEHAVIORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		Eating vegetables 3+ times per day	Eating fruit 2+ AND vegetables 3+ times per day	^Having 1+ drinks with caffeine yesterday
Overall (95% Confidence Interval)		12.3 (10.6 - 14.0)	8.3 (7.1 - 9.5)	49.0 (46.7 - 51.3)
Grade	9th Grade	14.5 (10.9 - 18.2)	8.3 (5.8 - 10.9)	43.9 (39.3 - 48.5)
	10th Grade	8.6 (6.6 - 10.7)	6.7 (4.8 - 8.7)	49.7 (44.9 - 54.4)
	11th Grade	13.1 (9.6 - 16.5)	10.2 (7.2 - 13.1)	47.5 (43.9 - 51.2)
	12th Grade	12.9 (9.7 - 16.0)	8.1 (6.1 - 10.0)	55.1 (50.4 - 59.8)
Gender	Male	12.0 (9.8 - 14.1)	7.7 (6.0 - 9.3)	48.5 (45.2 - 51.9)
	Female	12.5 (10.5 - 14.6)	8.9 (7.4 - 10.3)	49.4 (46.2 - 52.5)
Race/Ethnicity	White, NH	11.2 (9.0 - 13.5)	7.5 (5.8 - 9.2)	50.0 (47.0 - 53.0)
	Black, NH	11.8 (7.8 - 15.9)	9.3 (6.0 - 12.6)	42.0 (34.9 - 49.2)
	Hispanic	12.1 (9.0 - 15.3)	8.7 (6.2 - 11.1)	53.8 (48.7 - 58.9)
	Asian, NH	20.3 (15.0 - 25.7)	14.6 (9.5 - 19.6)	35.9 (27.3 - 44.5)
	Other/Multiracial, NH	13.8 (8.5 - 19.2)	7.7 (4.4 - 10.9)	44.0 (34.2 - 53.9)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

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DIETARY BEHAVIORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Eating fruit 2+ times yesterday	Eating vegetables 3+ times yesterday	Eating fruit 2+ AND vegetables 3+ times yesterday	Having 1+ drinks with caffeine yesterday
Overall (95% Confidence Interval)		55.0 (52.8 - 57.1)	20.0 (17.9 - 22.2)	14.7 (13.0 - 16.5)	38.9 (36.1 - 41.7)
Grade	6th Grade	59.9 (56.2 - 63.7)	22.5 (19.0 - 26.0)	17.6 (14.2 - 21.0)	34.6 (30.1 - 39.2)
	7th Grade	52.6 (49.1 - 56.0)	20.2 (17.3 - 23.2)	15.1 (12.5 - 17.8)	41.6 (37.5 - 45.6)
	8th Grade	52.4 (49.0 - 55.8)	17.4 (14.3 - 20.6)	11.4 (9.4 - 13.4)	40.2 (36.2 - 44.3)
Gender	Male	55.1 (52.2 - 58.1)	20.2 (17.3 - 23.0)	14.1 (11.6 - 16.5)	39.9 (36.5 - 43.3)
	Female	54.8 (51.9 - 57.8)	20.3 (17.8 - 22.8)	15.7 (13.5 - 17.8)	37.4 (33.8 - 41.0)
Race/Ethnicity	White, NH	55.0 (52.2 - 57.7)	19.6 (17.1 - 22.1)	14.7 (12.5 - 16.9)	35.8 (32.6 - 39.1)
	Black, NH	51.6 (44.1 - 59.2)	17.9 (12.2 - 23.6)	14.1 (9.0 - 19.2)	40.8 (33.7 - 47.9)
	Hispanic	55.5 (51.7 - 59.3)	18.3 (14.8 - 21.9)	12.1 (9.5 - 14.7)	50.6 (45.9 - 55.3)
	Asian, NH	51.9 (44.3 - 59.4)	30.3 (24.0 - 36.6)	18.7 (14.0 - 23.4)	32.4 (24.9 - 39.9)
	Other/Multiracial, NH	54.5 (46.9 - 62.1)	25.3 (18.2 - 32.5)	22.0 (14.8 - 29.2)	39.3 (31.3 - 47.4)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (Part 1 of 3) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Being obese (i.e., ≥95th percentile for body mass index by age and sex)	Being overweight (i.e., 85 to 95th percentile for body mass index by age and sex)	Thinking they are slightly or very overweight	Trying to lose weight	^Increasing fruit and vegetable intake to lose weight, past 30 days
Overall (95% Confidence Interval)		11.7 (9.8 - 13.7)	14.0 (12.5 - 15.6)	28.1 (25.8 - 30.4)	43.8 (41.3 - 46.4)	57.3 (55.2 - 59.3)
Grade	9th Grade	14.1 (10.1 - 18.1)	16.4 (13.8 - 19.0)	27.3 (22.7 - 31.8)	43.4 (38.8 - 48.0)	57.0 (53.1 - 60.8)
	10th Grade	11.7 (8.0 - 15.4)	14.0 (11.2 - 16.7)	27.1 (24.0 - 30.2)	45.0 (40.3 - 49.7)	55.5 (51.1 - 59.8)
	11th Grade	9.9 (6.6 - 13.3)	13.8 (11.1 - 16.5)	28.2 (23.6 - 32.8)	42.1 (37.2 - 46.9)	57.8 (53.4 - 62.1)
	12th Grade	11.3 (7.9 - 14.7)	11.6 (8.0 - 15.1)	30.2 (25.2 - 35.2)	44.9 (39.9 - 50.0)	58.8 (54.2 - 63.5)
Gender	Male	14.5 (12.0 - 16.9)	13.5 (11.6 - 15.3)	23.2 (20.5 - 26.0)	30.8 (27.0 - 34.5)	50.8 (47.7 - 53.8)
	Female	8.9 (7.0 - 10.8)	14.6 (12.3 - 16.9)	33.2 (30.2 - 36.1)	57.1 (54.4 - 59.8)	64.3 (61.2 - 67.4)
Race/Ethnicity	White, NH	10.7 (8.4 - 13.0)	12.3 (10.6 - 14.0)	28.7 (25.9 - 31.4)	43.9 (40.1 - 47.7)	58.0 (55.6 - 60.5)
	Black, NH	12.9 (9.4 - 16.3)	17.2 (13.2 - 21.2)	23.6 (17.6 - 29.6)	39.6 (35.1 - 44.2)	55.4 (47.1 - 63.6)
	Hispanic	17.3 (13.1 - 21.5)	20.4 (16.3 - 24.5)	30.3 (25.8 - 34.9)	46.8 (41.0 - 52.6)	56.9 (51.5 - 62.3)
	Asian, NH	-	8.5 (5.3 - 11.6)	26.7 (20.9 - 32.4)	47.8 (38.9 - 56.8)	56.1 (49.0 - 63.2)
	Other/Multiracial, NH	13.5 (8.9 - 18.0)	16.6 (10.6 - 22.6)	25.6 (18.6 - 32.5)	39.2 (33.2 - 45.2)	61.0 (49.2 - 72.8)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

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WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 3)

Percentage of Massachusetts High School Students who reported:		^Cutting calories to lose weight, past 30 days	^Cutting out snacking to lose weight, past 30 days	^Decreasing fat intake to lose weight, past 30 days	^Exercising to lose weight, past 30 days	^Fasting to lose weight, past 30 days
Overall (95% Confidence Interval)		37.8 (35.6 - 39.9)	39.9 (37.8 - 42.0)	35.2 (33.2 - 37.1)	79.3 (77.3 - 81.3)	10.4 (9.0 - 11.8)
Grade	9th Grade	33.0 (28.5 - 37.5)	35.5 (32.1 - 38.8)	32.0 (28.3 - 35.7)	82.5 (79.2 - 85.9)	10.1 (7.9 - 12.4)
	10th Grade	37.0 (32.7 - 41.3)	39.1 (35.3 - 43.0)	35.1 (31.1 - 39.1)	80.4 (76.6 - 84.2)	12.5 (9.7 - 15.4)
	11th Grade	39.1 (35.5 - 42.7)	41.5 (37.0 - 46.0)	35.0 (31.1 - 38.9)	77.6 (73.4 - 81.8)	8.9 (6.2 - 11.5)
	12th Grade	41.8 (37.0 - 46.5)	43.3 (38.7 - 47.9)	38.0 (33.6 - 42.4)	76.3 (71.5 - 81.2)	9.0 (6.4 - 11.6)
Gender	Male	29.8 (27.4 - 32.2)	30.6 (27.8 - 33.4)	30.7 (28.0 - 33.5)	77.5 (75.2 - 79.8)	6.2 (4.7 - 7.6)
	Female	45.8 (42.2 - 49.4)	49.0 (45.4 - 52.5)	39.9 (36.5 - 43.4)	81.4 (78.2 - 84.5)	14.4 (12.0 - 16.7)
Race/Ethnicity	White, NH	39.7 (36.8 - 42.6)	41.5 (38.7 - 44.3)	35.0 (32.4 - 37.7)	82.8 (80.8 - 84.8)	9.2 (7.7 - 10.8)
	Black, NH	29.9 (23.4 - 36.5)	32.2 (26.2 - 38.3)	30.5 (23.8 - 37.2)	73.1 (66.6 - 79.7)	13.1 (7.9 - 18.3)
	Hispanic	36.5 (31.4 - 41.5)	39.1 (34.4 - 43.7)	39.3 (34.9 - 43.7)	72.0 (67.2 - 76.8)	12.9 (9.3 - 16.6)
	Asian, NH	32.6 (26.0 - 39.1)	34.7 (27.6 - 41.7)	31.8 (25.1 - 38.5)	73.9 (66.9 - 80.9)	10.8 (5.3 - 16.3)
	Other/Multiracial, NH	33.1 (23.9 - 42.4)	44.9 (33.3 - 56.6)	35.1 (24.9 - 45.2)	74.3 (65.0 - 83.6)	12.8 (6.2 - 19.4)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

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WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 3 OF 3)

Percentage of Massachusetts High School Students who reported:		^Intentionally vomiting to lose weight, past 30 days	^Taking diet pills without doctor approval to lose weight, past 30 days	^Taking laxatives to lose weight, past 30 days	^Doing ANY unhealthy measure to lose weight, past 30 days
Overall (95% Confidence Interval)		3.7 (3.0 - 4.5)	2.6 (1.9 - 3.3)	2.8 (2.0 - 3.5)	87.1 (85.7 - 88.5)
Grade	9th Grade	3.2 (1.8 - 4.5)	-	2.3 (1.2 - 3.3)	89.3 (86.4 - 92.1)
	10th Grade	3.2 (1.7 - 4.8)	2.0 (0.9 - 3.1)	3.0 (1.8 - 4.2)	87.1 (84.1 - 90.0)
	11th Grade	4.0 (2.4 - 5.6)	2.9 (1.3 - 4.5)	-	87.6 (84.5 - 90.8)
	12th Grade	3.5 (1.7 - 5.4)	3.3 (1.8 - 4.8)	3.4 (1.8 - 5.0)	83.9 (79.9 - 88.0)
Gender	Male	1.9 (1.1 - 2.6)	1.6 (0.9 - 2.4)	2.0 (1.2 - 2.9)	83.7 (81.7 - 85.8)
	Female	5.5 (4.2 - 6.8)	3.5 (2.5 - 4.5)	3.4 (2.3 - 4.6)	90.8 (88.9 - 92.7)
Race/Ethnicity	White, NH	3.1 (2.1 - 4.0)	1.9 (1.2 - 2.6)	2.0 (1.1 - 2.9)	88.8 (87.3 - 90.4)
	Black, NH	-	-	-	83.5 (77.5 - 89.5)
	Hispanic	6.2 (3.5 - 8.9)	4.9 (2.3 - 7.5)	3.9 (2.1 - 5.7)	83.6 (79.0 - 88.2)
	Asian, NH	-	-	-	85.9 (79.0 - 92.7)
	Other/Multiracial, NH	-	-	-	82.8 (74.1 - 91.4)

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WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 1 OF 3) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Being obese (i.e., ≥95th percentile for body mass index by age and sex)	Being overweight (i.e., 85 to 95th percentile for body mass index by age and sex)	Thinking they are slightly or very overweight	Thinking they are normal weight	Thinking they are slightly or very underweight
Overall (95% Confidence Interval)		10.5 (8.9 - 12.2)	14.5 (12.8 - 16.1)	24.7 (22.9 - 26.5)	56.7 (55.0 - 58.5)	18.6 (17.0 - 20.2)
Grade	6th Grade	10.9 (8.3 - 13.5)	13.3 (10.4 - 16.2)	24.2 (21.5 - 26.9)	54.9 (52.0 - 57.8)	20.9 (18.0 - 23.7)
	7th Grade	10.0 (7.8 - 12.2)	15.8 (13.0 - 18.5)	24.7 (22.3 - 27.2)	56.5 (53.6 - 59.4)	18.8 (15.7 - 21.9)
	8th Grade	10.7 (8.2 - 13.1)	14.2 (11.5 - 16.9)	25.3 (21.9 - 28.6)	58.7 (55.3 - 62.1)	16.0 (13.6 - 18.4)
Gender	Male	12.3 (10.1 - 14.5)	14.5 (12.1 - 16.8)	23.7 (21.4 - 26.1)	56.6 (54.0 - 59.3)	19.6 (17.3 - 21.9)
	Female	8.7 (6.7 - 10.8)	14.5 (12.4 - 16.5)	25.7 (23.0 - 28.4)	56.8 (54.1 - 59.5)	17.5 (15.3 - 19.6)
Race/Ethnicity	White, NH	8.4 (6.6 - 10.3)	12.8 (10.9 - 14.6)	22.7 (20.6 - 24.9)	57.9 (55.4 - 60.4)	19.4 (17.4 - 21.4)
	Black, NH	18.3 (12.3 - 24.2)	15.2 (9.3 - 21.1)	32.5 (24.6 - 40.5)	47.8 (39.7 - 55.8)	19.7 (12.6 - 26.7)
	Hispanic	16.1 (13.3 - 19.0)	20.1 (15.9 - 24.3)	29.7 (25.7 - 33.8)	56.7 (52.9 - 60.5)	13.6 (10.8 - 16.4)
	Asian, NH	-	12.9 (8.5 - 17.4)	27.0 (21.0 - 33.0)	51.7 (44.9 - 58.6)	21.3 (17.3 - 25.3)
	Other/Multiracial, NH	12.5 (6.4 - 18.6)	20.4 (12.8 - 28.0)	29.3 (21.6 - 37.0)	50.4 (40.9 - 59.9)	20.3 (13.9 - 26.6)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 2 OF 3)

Percentage of Massachusetts Middle School Students who reported:		Increasing fruit/vegetables to lose weight, past 30 days	Cutting calories to lose weight, past 30 days	Cutting out snacking to lose weight, past 30 days	Decreasing fat intake to lose weight, past 30 days	Exercising to lose weight, past 30 days
Overall (95% Confidence Interval)		55.2 (53.0 - 57.3)	32.8 (30.8 - 34.8)	37.4 (35.7 - 39.2)	33.1 (31.2 - 35.0)	76.2 (74.2 - 78.2)
Grade	6th Grade	57.0 (53.7 - 60.3)	33.0 (29.4 - 36.7)	37.4 (34.4 - 40.4)	34.4 (30.9 - 37.9)	77.3 (73.9 - 80.8)
	7th Grade	54.1 (50.6 - 57.6)	32.7 (29.5 - 35.9)	37.0 (33.9 - 40.2)	32.8 (29.2 - 36.3)	74.7 (71.5 - 77.9)
	8th Grade	54.3 (51.1 - 57.6)	32.7 (30.0 - 35.5)	37.7 (34.8 - 40.6)	32.0 (29.1 - 35.0)	76.9 (74.0 - 79.8)
Gender	Male	53.0 (49.8 - 56.2)	32.4 (29.8 - 34.9)	36.9 (34.4 - 39.4)	36.2 (33.5 - 39.0)	76.9 (74.2 - 79.6)
	Female	56.6 (53.8 - 59.4)	32.6 (29.7 - 35.6)	37.7 (34.9 - 40.4)	29.4 (26.8 - 32.1)	75.7 (73.2 - 78.3)
Race/Ethnicity	White, NH	53.3 (50.6 - 55.9)	31.1 (28.6 - 33.5)	36.4 (33.9 - 38.9)	31.2 (29.0 - 33.3)	77.2 (74.8 - 79.6)
	Black, NH	58.6 (51.6 - 65.5)	36.0 (27.7 - 44.3)	38.7 (32.7 - 44.8)	32.1 (23.8 - 40.5)	71.8 (63.6 - 79.9)
	Hispanic	57.8 (52.5 - 63.2)	36.5 (32.7 - 40.4)	41.6 (38.4 - 44.9)	36.1 (32.3 - 39.9)	75.1 (71.0 - 79.2)
	Asian, NH	63.9 (57.3 - 70.5)	38.0 (31.8 - 44.2)	35.1 (29.1 - 41.1)	39.5 (33.3 - 45.7)	78.7 (74.2 - 83.1)
	Other/Multiracial, NH	55.5 (46.8 - 64.3)	31.2 (22.9 - 39.6)	36.2 (26.7 - 45.6)	35.2 (27.1 - 43.3)	80.2 (73.5 - 86.9)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

WEIGHT and WEIGHT-CONTROL BEHAVIORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 3 OF 3)

Percentage of Massachusetts Middle School Students who reported:		Fasting to lose weight, past 30 days	Intentionally vomiting to lose weight, past 30 days	Taking diet pills without MD approval to lose weight, past 30 days	Taking laxatives to lose weight, past 30 days	Doing ANY of these measures to lose weight, past 30 days
Overall (95% Confidence Interval)		8.1 (6.7 - 9.6)	3.8 (2.8 - 4.7)	1.3 (0.8 - 1.9)	2.0 (1.4 - 2.6)	84.5 (82.7 - 86.3)
Grade	6th Grade	6.5 (4.7 - 8.2)	2.4 (1.4 - 3.4)	-	1.4 (0.7 - 2.1)	85.2 (82.3 - 88.1)
	7th Grade	8.0 (5.6 - 10.5)	3.6 (2.0 - 5.2)	-	2.3 (1.1 - 3.6)	83.9 (81.0 - 86.9)
	8th Grade	9.5 (7.3 - 11.8)	4.9 (3.0 - 6.8)	1.3 (0.6 - 2.0)	2.1 (1.0 - 3.1)	84.6 (82.1 - 87.1)
Gender	Male	6.7 (4.9 - 8.5)	2.7 (1.6 - 3.8)	1.2 (0.5 - 1.9)	2.2 (1.3 - 3.0)	83.7 (81.3 - 86.0)
	Female	9.4 (7.4 - 11.4)	4.7 (3.4 - 6.0)	1.5 (0.7 - 2.2)	1.9 (1.1 - 2.6)	85.6 (83.3 - 87.8)
Race/Ethnicity	White, NH	5.7 (4.5 - 7.0)	2.8 (2.0 - 3.6)	-	1.5 (0.8 - 2.2)	83.8 (81.5 - 86.1)
	Black, NH	13.9 (7.2 - 20.7)	6.6 (2.8 - 10.4)	-	-	84.7 (78.8 - 90.6)
	Hispanic	13.4 (10.3 - 16.5)	5.9 (3.9 - 7.9)	4.2 (2.4 - 6.0)	3.5 (2.1 - 4.8)	86.5 (83.3 - 89.7)
	Asian, NH	-	-	-	-	87.5 (82.7 - 92.3)
	Other/Multiracial, NH	14.4 (8.3 - 20.6)	-	-	-	88.6 (83.1 - 94.2)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MOTOR VEHICLE SAFETY - MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Riding with an intoxicated driver, past 30 days	Driving after drinking, past 30 days (among students who drove)	Texting or emailing while driving, past 30 days (among students who drove)	Talking on a cell phone while driving, past 30 days (among students who drove)	^Nodded off or fallen asleep while driving, past 30 days (among students who drove)
Overall (95% Confidence Interval)		14.4 (12.7 - 16.1)	5.7 (4.2 - 7.2)	35.6 (31.3 - 39.9)	40.4 (35.1 - 45.7)	13.3 (10.6 - 15.9)
Grade	9th Grade	12.3 (9.7 - 14.9)	-	-	-	-
	10th Grade	13.9 (10.6 - 17.2)	-	11.9 (7.2 - 16.6)	8.4 (4.5 - 12.3)	9.1 (4.6 - 13.5)
	11th Grade	13.6 (10.8 - 16.5)	4.0 (2.0 - 6.0)	37.5 (31.1 - 43.9)	45.1 (38.1 - 52.1)	11.1 (6.2 - 16.1)
	12th Grade	17.7 (13.5 - 22.0)	10.2 (7.4 - 13.0)	55.9 (49.8 - 62.0)	64.1 (59.7 - 68.5)	14.2 (9.9 - 18.6)
Gender	Male	14.1 (12.1 - 16.0)	7.4 (5.6 - 9.1)	36.8 (31.0 - 42.6)	42.0 (35.1 - 48.9)	13.9 (11.1 - 16.8)
	Female	14.5 (12.0 - 17.0)	3.8 (2.5 - 5.2)	34.0 (30.1 - 37.9)	38.6 (34.3 - 43.0)	12.4 (8.5 - 16.2)
Race/ Ethnicity	White, NH	13.7 (11.7 - 15.7)	5.4 (3.7 - 7.2)	37.8 (31.8 - 43.7)	44.9 (38.5 - 51.3)	10.3 (7.2 - 13.3)
	Black, NH	15.9 (9.8 - 22.0)	-	27.4 (21.0 - 33.7)	-	-
	Hispanic	15.8 (12.3 - 19.4)	7.9 (3.9 - 11.9)	30.9 (23.2 - 38.6)	30.1 (22.8 - 37.3)	24.0 (15.4 - 32.5)
	Asian, NH	11.4 (6.2 - 16.6)	-	-	-	-
	Other/Multiracial, NH	18.2 (10.4 - 26.1)	-	-	-	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MOTOR VEHICLE SAFETY – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Never or rarely wearing a seatbelt	Riding with someone who had been drinking alcohol, past 30 days	Riding with someone who had been using marijuana, past 30 days
Overall (95% Confidence Interval)		5.7 (4.3 - 7.1)	9.1 (7.9 - 10.3)	5.5 (4.3 - 6.7)
Grade	6th Grade	4.1 (2.3 - 5.9)	6.4 (4.6 - 8.1)	3.6 (2.3 - 4.9)
	7th Grade	5.6 (3.6 - 7.5)	9.3 (7.5 - 11.1)	5.4 (3.7 - 7.2)
	8th Grade	6.6 (4.7 - 8.6)	11.5 (9.4 - 13.5)	6.9 (4.9 - 8.9)
Gender	Male	6.2 (4.3 - 8.0)	8.1 (6.7 - 9.6)	4.9 (3.5 - 6.2)
	Female	5.0 (3.4 - 6.6)	10.4 (8.5 - 12.3)	5.9 (4.5 - 7.3)
Race/Ethnicity	White, NH	2.8 (1.7 - 3.9)	9.5 (8.1 - 10.9)	3.4 (2.4 - 4.3)
	Black, NH	10.4 (6.3 - 14.5)	7.1 (3.7 - 10.5)	12.3 (7.8 - 16.7)
	Hispanic	12.9 (10.0 - 15.9)	10.9 (8.6 - 13.2)	9.3 (6.7 - 12.0)
	Asian, NH	-	8.6 (4.7 - 12.4)	-
	Other/Multiracial, NH	-	-	12.6 (7.6 - 17.6)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SPORTS-RELATED SAFETY – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Having symptoms of a sports-related concussion (among students who played on a team), past year	Being removed from play after symptoms of a sports-related concussion (among students who played on a team), past year
Overall (95% Confidence Interval)		12.4 (10.7 - 14.2)	51.2 (43.9 - 58.5)
Grade	9th Grade	13.0 (10.4 - 15.6)	50.7 (37.3 - 64.2)
	10th Grade	12.4 (9.1 - 15.7)	51.9 (38.0 - 65.8)
	11th Grade	10.8 (8.4 - 13.2)	-
	12th Grade	12.5 (8.8 - 16.2)	58.8 (45.9 - 71.7)
Gender	Male	13.9 (11.9 - 16.0)	46.3 (37.7 - 55.0)
	Female	11.1 (8.5 - 13.6)	58.0 (47.6 - 68.3)
Race/Ethnicity	White, NH	12.8 (10.8 - 14.9)	51.3 (43.8 - 58.8)
	Black, NH	-	-
	Hispanic	13.7 (10.0 - 17.5)	-
	Asian, NH	11.8 (6.0 - 17.6)	-
	Other/Multiracial, NH	17.7 (8.9 - 26.4)	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SPORTS-RELATED SAFETY – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Having symptoms of a sports-related concussion (among those who played on a team), past year	Being removed from play after symptoms of a sports-related concussion (among those who played on a team), past year
Overall (95% Confidence Interval)		18.6 (16.9 - 20.3)	49.8 (45.0 - 54.7)
Grade	6th Grade	16.9 (13.6 - 20.2)	45.8 (36.2 - 55.3)
	7th Grade	19.4 (16.3 - 22.5)	50.5 (40.7 - 60.2)
	8th Grade	19.6 (16.8 - 22.3)	52.8 (44.9 - 60.7)
Gender	Male	21.9 (19.4 - 24.3)	44.8 (38.5 - 51.1)
	Female	15.1 (12.7 - 17.4)	58.0 (50.3 - 65.7)
Race/Ethnicity	White, NH	18.9 (16.5 - 21.3)	51.7 (45.9 - 57.5)
	Black, NH	19.8 (13.2 - 26.4)	-
	Hispanic	20.4 (16.3 - 24.4)	45.8 (33.4 - 58.2)
	Asian, NH	11.2 (6.7 - 15.8)	-
	Other/Multiracial, NH	23.8 (15.4 - 32.2)	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 4) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Hearing or seeing anti-alcohol or anti-drug ads, past 30 days	Thinking most their age drink alcohol	Thinking most their age smoke cigarettes	Thinking most their age smoke marijuana
Overall (95% Confidence Interval)		75.2 (73.0 - 77.4)	80.9 (78.2 - 83.5)	31.6 (27.3 - 35.9)	82.4 (79.5 - 85.4)
Grade	9th Grade	80.1 (76.5 - 83.7)	62.6 (58.0 - 67.1)	21.8 (16.9 - 26.7)	66.7 (60.3 - 73.1)
	10th Grade	74.9 (71.8 - 78.0)	80.6 (77.2 - 84.0)	35.0 (27.5 - 42.5)	85.0 (80.2 - 89.8)
	11th Grade	76.6 (73.1 - 80.1)	89.3 (85.7 - 92.8)	31.1 (23.8 - 38.5)	88.5 (84.3 - 92.7)
	12th Grade	69.2 (63.9 - 74.5)	92.1 (89.4 - 94.8)	38.2 (31.2 - 45.2)	90.4 (87.7 - 93.1)
Gender	Male	73.0 (70.4 - 75.7)	74.7 (71.0 - 78.4)	29.5 (24.5 - 34.5)	78.1 (74.5 - 81.6)
	Female	77.6 (74.2 - 81.1)	87.2 (84.7 - 89.7)	33.5 (28.8 - 38.2)	86.9 (83.8 - 90.0)
Race/Ethnicity	White, NH	77.9 (75.9 - 80.0)	80.9 (77.6 - 84.3)	25.7 (21.1 - 30.3)	81.0 (77.6 - 84.4)
	Black, NH	71.6 (64.3 - 78.9)	82.4 (75.3 - 89.5)	43.6 (33.0 - 54.2)	87.3 (82.4 - 92.2)
	Hispanic	68.9 (63.7 - 74.1)	84.9 (81.3 - 88.4)	43.1 (36.2 - 49.9)	89.8 (86.9 - 92.7)
	Asian, NH	68.7 (60.2 - 77.3)	66.6 (57.9 - 75.3)	40.3 (27.7 - 52.9)	66.1 (55.0 - 77.1)
	Other/Multiracial, NH	81.2 (72.0 - 90.5)	82.5 (75.6 - 89.5)	34.7 (24.5 - 45.0)	85.0 (78.9 - 91.1)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 4)

Percentage of Massachusetts High School Students who reported:		Thinking most their age use other illegal drugs	Thinking the risk of harm from binge drinking is moderate or great	Thinking the risk of harm from marijuana is moderate or great	Thinking the risk of harm from inhalants is moderate or great
Overall (95% Confidence Interval)		38.9 (35.1 - 42.7)	79.9 (78.0 - 81.8)	32.0 (29.5 - 34.6)	79.8 (78.0 - 81.6)
Grade	9th Grade	27.3 (21.6 - 32.9)	84.8 (81.9 - 87.7)	44.7 (40.8 - 48.5)	76.6 (73.2 - 79.9)
	10th Grade	42.4 (36.8 - 48.0)	81.5 (77.7 - 85.2)	35.0 (30.5 - 39.5)	81.0 (77.1 - 84.8)
	11th Grade	39.4 (33.1 - 45.7)	75.6 (71.2 - 80.0)	23.8 (19.7 - 28.0)	81.5 (77.2 - 85.7)
	12th Grade	46.3 (41.0 - 51.6)	78.2 (74.7 - 81.7)	24.0 (18.5 - 29.5)	81.0 (77.7 - 84.4)
Gender	Male	34.1 (29.7 - 38.5)	74.3 (71.7 - 76.9)	29.6 (26.9 - 32.3)	79.3 (76.7 - 81.9)
	Female	43.8 (39.0 - 48.6)	85.8 (83.5 - 88.0)	34.6 (31.0 - 38.3)	80.5 (78.0 - 83.0)
Race/Ethnicity	White, NH	33.5 (29.4 - 37.5)	81.7 (79.4 - 84.0)	29.8 (26.5 - 33.2)	80.4 (78.3 - 82.6)
	Black, NH	48.0 (38.9 - 57.2)	78.6 (72.7 - 84.5)	42.2 (33.9 - 50.4)	83.8 (77.5 - 90.1)
	Hispanic	51.9 (44.8 - 58.9)	74.8 (70.0 - 79.6)	27.8 (22.9 - 32.7)	72.7 (67.4 - 78.0)
	Asian, NH	41.6 (31.9 - 51.3)	85.0 (80.3 - 89.6)	59.7 (51.0 - 68.4)	88.1 (81.9 - 94.3)
	Other/Multiracial, NH	42.3 (33.0 - 51.6)	71.4 (62.2 - 80.6)	25.3 (15.8 - 34.8)	80.0 (71.9 - 88.1)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 3 OF 4)

Percentage of Massachusetts High School Students who reported:		Thinking the risk of harm from heroin is moderate or great	Thinking the risk of harm from narcotics is moderate or great	Thinking the risk of harm from Ritalin/Adderall is moderate or great
Overall (95% Confidence Interval)		94.6 (93.3 - 95.9)	87.9 (86.2 - 89.5)	77.1 (75.1 - 79.1)
Grade	9th Grade	94.9 (92.7 - 97.1)	88.8 (85.8 - 91.8)	80.0 (76.3 - 83.8)
	10th Grade	94.4 (92.1 - 96.6)	87.3 (84.0 - 90.6)	78.3 (74.3 - 82.2)
	11th Grade	95.3 (93.2 - 97.3)	87.7 (84.5 - 90.8)	75.3 (70.9 - 79.6)
	12th Grade	94.7 (92.2 - 97.2)	88.6 (85.5 - 91.7)	75.3 (70.7 - 79.9)
Gender	Male	93.1 (91.1 - 95.2)	86.2 (83.7 - 88.8)	73.8 (71.0 - 76.5)
	Female	96.3 (95.1 - 97.6)	89.7 (87.8 - 91.6)	80.5 (78.2 - 82.8)
Race/Ethnicity	White, NH	95.6 (94.3 - 96.9)	89.4 (87.5 - 91.3)	76.4 (73.6 - 79.1)
	Black, NH	95.2 (91.8 - 98.5)	86.2 (81.7 - 90.7)	77.5 (71.3 - 83.7)
	Hispanic	91.0 (87.6 - 94.4)	83.7 (78.3 - 89.1)	77.2 (73.1 - 81.2)
	Asian, NH	-	92.6 (88.4 - 96.7)	85.0 (79.1 - 91.0)
	Other/Multiracial, NH	89.9 (83.7 - 96.1)	79.8 (71.6 - 88.0)	75.8 (67.0 - 84.6)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 4 OF 4)

Percentage of Massachusetts High School Students who reported:		Thinking the risk of harm from tranquilizers is moderate or great	Thinking it is very or fairly easy to get alcohol	Thinking it is very or fairly easy to get marijuana
Overall (95% Confidence Interval)		87.1 (85.8 - 88.5)	75.9 (73.4 - 78.4)	73.7 (70.7 - 76.6)
Grade	9th Grade	86.7 (84.0 - 89.3)	68.8 (64.5 - 73.1)	57.7 (52.4 - 62.9)
	10th Grade	87.1 (84.6 - 89.6)	75.1 (71.1 - 79.2)	71.1 (66.3 - 76.0)
	11th Grade	88.9 (85.8 - 92.1)	77.2 (72.5 - 82.0)	79.9 (74.9 - 85.0)
	12th Grade	86.6 (83.1 - 90.0)	82.3 (78.0 - 86.7)	85.6 (82.2 - 88.9)
Gender	Male	85.2 (83.0 - 87.5)	74.7 (71.4 - 77.9)	75.9 (72.6 - 79.3)
	Female	89.2 (87.4 - 90.9)	77.0 (73.8 - 80.2)	71.3 (67.5 - 75.1)
Race/Ethnicity	White, NH	88.1 (86.3 - 89.8)	78.4 (75.4 - 81.4)	74.2 (70.9 - 77.5)
	Black, NH	85.5 (80.3 - 90.8)	72.6 (66.3 - 78.9)	74.4 (68.1 - 80.6)
	Hispanic	82.8 (77.8 - 87.8)	72.0 (66.4 - 77.6)	77.1 (72.0 - 82.2)
	Asian, NH	94.0 (90.6 - 97.4)	65.6 (58.3 - 72.9)	45.5 (34.1 - 56.9)
	Other/Multiracial, NH	85.5 (77.9 - 93.0)	70.2 (60.5 - 79.9)	79.4 (69.6 - 89.2)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Having heard or seen ads for alcohol, past 30 days	Having heard or seen anti-alcohol or anti-drug ads, past 30 days	Thinking most their age drink alcohol	Thinking most their age smoke cigarettes
Overall (95% Confidence Interval)		60.2 (57.3 - 63.1)	71.8 (69.5 - 74.2)	20.5 (17.3 - 23.6)	14.7 (12.0 - 17.4)
Grade	6th Grade	51.5 (46.2 - 56.9)	67.3 (63.8 - 70.8)	9.3 (5.8 - 12.9)	9.4 (6.4 - 12.3)
	7th Grade	59.1 (55.4 - 62.8)	73.2 (70.1 - 76.3)	19.3 (14.6 - 23.9)	15.9 (11.8 - 20.0)
	8th Grade	69.3 (65.8 - 72.8)	75.0 (71.3 - 78.6)	32.0 (27.1 - 36.9)	18.5 (13.9 - 23.0)
Gender	Male	61.3 (57.4 - 65.3)	71.7 (68.7 - 74.7)	14.4 (11.4 - 17.4)	10.8 (8.3 - 13.3)
	Female	58.8 (55.8 - 61.9)	72.3 (69.5 - 75.1)	26.4 (22.0 - 30.7)	18.5 (14.7 - 22.2)
Race/Ethnicity	White, NH	64.1 (60.7 - 67.5)	75.4 (72.6 - 78.1)	14.8 (12.4 - 17.1)	9.5 (7.4 - 11.6)
	Black, NH	54.9 (46.8 - 63.0)	70.1 (62.5 - 77.7)	30.4 (23.1 - 37.7)	27.8 (19.1 - 36.6)
	Hispanic	59.0 (54.5 - 63.6)	66.1 (61.2 - 71.0)	39.6 (33.5 - 45.8)	26.9 (22.0 - 31.7)
	Asian, NH	46.1 (39.2 - 53.0)	64.4 (57.3 - 71.4)	16.5 (6.9 - 26.0)	16.6 (9.5 - 23.7)
	Other/Multiracial, NH	64.3 (55.1 - 73.5)	79.2 (72.9 - 85.6)	20.5 (11.7 - 29.4)	17.7 (10.0 - 25.5)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE PERCEPTION and ACCESS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts Middle School Students who reported:		Thinking most their age smoke marijuana	Thinking most their age use other illegal drugs	Thinking the risk of harm from binge drinking is moderate to great	Thinking it's very or fairly easy to get alcohol	Thinking it's very or fairly easy to get marijuana
Overall (95% Confidence Interval)		23.3 (19.2 - 27.3)	12.2 (10.2 - 14.3)	81.3 (79.0 - 83.6)	38.1 (35.1 - 41.1)	14.7 (11.8 - 17.6)
Grade	6th Grade	8.3 (5.3 - 11.3)	5.8 (3.7 - 7.9)	82.5 (79.2 - 85.9)	24.8 (20.8 - 28.9)	4.6 (2.4 - 6.7)
	7th Grade	22.1 (16.8 - 27.4)	12.8 (9.3 - 16.3)	78.6 (74.7 - 82.5)	35.6 (31.7 - 39.5)	12.0 (8.7 - 15.4)
	8th Grade	38.2 (31.4 - 45.0)	17.5 (13.6 - 21.5)	83.3 (80.3 - 86.3)	51.5 (47.0 - 55.9)	26.6 (21.3 - 31.9)
Gender	Male	19.8 (15.9 - 23.6)	10.9 (8.7 - 13.1)	79.3 (76.5 - 82.1)	36.5 (32.8 - 40.2)	14.5 (11.3 - 17.8)
	Female	26.3 (21.5 - 31.0)	13.4 (10.7 - 16.2)	83.6 (81.1 - 86.2)	39.9 (36.0 - 43.7)	14.9 (11.5 - 18.3)
Race/Ethnicity	White, NH	16.0 (12.9 - 19.2)	7.8 (6.0 - 9.6)	85.1 (83.1 - 87.1)	39.5 (35.8 - 43.2)	10.7 (8.1 - 13.4)
	Black, NH	34.8 (25.9 - 43.8)	21.6 (16.1 - 27.1)	78.0 (70.7 - 85.3)	34.6 (25.1 - 44.1)	19.8 (12.3 - 27.4)
	Hispanic	46.1 (38.4 - 53.8)	23.8 (20.0 - 27.7)	72.4 (68.0 - 76.9)	42.5 (37.0 - 48.0)	29.7 (23.3 - 36.2)
	Asian, NH	17.1 (8.2 - 25.9)	10.2 (6.2 - 14.1)	80.1 (74.3 - 85.8)	31.5 (24.2 - 38.7)	12.0 (5.4 - 18.6)
	Other/Multiracial, NH	29.7 (20.3 - 39.1)	19.6 (11.4 - 27.8)	87.0 (81.7 - 92.3)	34.6 (24.7 - 44.5)	17.9 (8.8 - 27.0)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

ALCOHOL USE - MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever drinking alcohol	Drinking alcohol, past 30 days	Binge drinking, past 30 days* *Had 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
Overall (95% Confidence Interval)		56.2 (52.4 - 59.9)	31.4 (27.3 - 35.5)	15.9 (13.1 - 18.7)
Grade	9th Grade	39.6 (34.6 - 44.6)	16.2 (12.8 - 19.6)	5.4 (3.2 - 7.6)
	10th Grade	52.9 (48.3 - 57.4)	29.2 (24.4 - 34.0)	14.2 (10.8 - 17.6)
	11th Grade	62.2 (57.0 - 67.3)	36.0 (30.0 - 42.0)	17.7 (13.3 - 22.2)
	12th Grade	71.3 (65.9 - 76.7)	45.6 (39.1 - 52.0)	27.3 (22.1 - 32.4)
Gender	Male	51.7 (47.3 - 56.1)	29.8 (24.9 - 34.8)	17.1 (13.4 - 20.9)
	Female	60.8 (56.5 - 65.1)	33.0 (28.3 - 37.6)	14.8 (12.1 - 17.5)
Race/Ethnicity	White, NH	59.4 (54.7 - 64.1)	35.4 (30.3 - 40.4)	19.3 (15.7 - 22.8)
	Black, NH	47.2 (41.3 - 53.0)	20.4 (14.4 - 26.4)	7.4 (4.7 - 10.1)
	Hispanic	57.8 (53.0 - 62.6)	29.0 (24.0 - 34.0)	12.4 (9.7 - 15.0)
	Asian, NH	35.6 (25.2 - 46.0)	14.9 (8.1 - 21.8)	-
	Other/Multiracial, NH	58.4 (50.2 - 66.5)	29.5 (23.4 - 35.7)	12.3 (7.6 - 17.0)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote:* New definition of binge drinking in 2017 than prior years. Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

ALCOHOL USE – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Ever drinking alcohol	Drinking alcohol, past 30 days	Binge drinking, past 30 days
Overall (95% Confidence Interval)		13.5 (11.6 - 15.4)	4.2 (3.0 - 5.4)	0.8 (0.4 - 1.2)
Grade	6th Grade	8.6 (5.7 - 11.4)	-	-
	7th Grade	12.3 (9.7 - 14.9)	4.1 (2.3 - 5.9)	-
	8th Grade	18.9 (15.4 - 22.3)	6.6 (4.4 - 8.7)	-
Gender	Male	13.8 (11.2 - 16.3)	3.7 (2.2 - 5.2)	1.0 (0.4 - 1.6)
	Female	13.3 (10.8 - 15.8)	4.8 (3.4 - 6.2)	-
Race/Ethnicity	White, NH	10.5 (8.8 - 12.3)	2.7 (1.8 - 3.6)	-
	Black, NH	17.8 (11.7 - 23.9)	-	-
	Hispanic	24.3 (20.4 - 28.2)	8.4 (5.7 - 11.1)	-
	Asian, NH	10.0 (5.7 - 14.2)	-	-
	Other/Multiracial, NH	14.3 (8.2 - 20.5)	-	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

TOBACCO USE – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 3) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever smoking cigarettes	Smoking cigarettes before age of 13	Smoking cigarettes, past 30 days	Smoking cigarettes daily
Overall (95% Confidence Interval)		19.6 (16.9 - 22.3)	5.7 (4.6 - 6.8)	6.4 (4.9 - 7.8)	0.8 (0.4 - 1.1)
Grade	9th Grade	10.0 (7.4 - 12.7)	3.9 (2.7 - 5.1)	3.1 (1.4 - 4.7)	-
	10th Grade	15.9 (11.6 - 20.2)	5.8 (3.7 - 7.9)	4.3 (2.5 - 6.2)	-
	11th Grade	25.0 (21.1 - 29.0)	6.7 (4.7 - 8.8)	7.8 (5.2 - 10.4)	-
	12th Grade	28.3 (23.1 - 33.4)	6.4 (4.0 - 8.9)	10.3 (7.2 - 13.3)	-
Gender	Male	22.3 (18.3 - 26.3)	7.1 (5.7 - 8.5)	8.7 (6.2 - 11.1)	1.5 (0.8 - 2.2)
	Female	16.9 (13.8 - 20.0)	4.2 (3.0 - 5.4)	3.9 (2.6 - 5.2)	-
Race/Ethnicity	White, NH	20.0 (16.8 - 23.1)	4.5 (3.3 - 5.8)	6.8 (4.8 - 8.7)	-
	Black, NH	15.6 (8.8 - 22.4)	7.4 (4.1 - 10.8)	-	-
	Hispanic	21.1 (16.1 - 26.0)	7.8 (5.2 - 10.4)	6.5 (4.8 - 8.3)	-
	Asian, NH	13.7 (7.0 - 20.5)	7.9 (3.6 - 12.3)	-	-
	Other/Multiracial, NH	26.4 (19.4 - 33.4)	9.0 (4.1 - 14.0)	10.7 (5.6 - 15.7)	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

TOBACCO USE - MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 3)

Percentage of Massachusetts High School Students who reported:		Using cigars, past 30 days	Using smokeless tobacco (i.e. chewing tobacco, snuff, or dip), past 30 days	Ever using electronic vapor products	Using electronic vapor products, past 30 days
Overall (95% Confidence Interval)		6.7 (5.1 - 8.2)	4.8 (3.9 - 5.7)	41.1 (37.0 - 45.2)	20.1 (17.3 - 23.0)
Grade	9th Grade	2.4 (1.3 - 3.4)	1.9 (0.8 - 2.9)	26.7 (22.6 - 30.9)	12.8 (10.2 - 15.4)
	10th Grade	4.9 (3.2 - 6.6)	3.9 (2.2 - 5.6)	41.5 (36.8 - 46.1)	19.2 (15.6 - 22.7)
	11th Grade	7.8 (5.4 - 10.2)	7.0 (5.0 - 9.0)	47.5 (41.7 - 53.2)	23.3 (18.9 - 27.7)
	12th Grade	11.7 (7.9 - 15.5)	6.8 (4.6 - 9.0)	50.6 (44.0 - 57.1)	25.9 (19.3 - 32.6)
Gender	Male	10.5 (7.9 - 13.1)	7.3 (5.5 - 9.0)	42.2 (37.2 - 47.1)	21.9 (18.1 - 25.7)
	Female	2.6 (1.5 - 3.7)	2.2 (1.5 - 3.0)	40.1 (35.6 - 44.6)	18.4 (15.5 - 21.3)
Race/Ethnicity	White, NH	6.9 (5.0 - 8.7)	4.7 (3.4 - 6.0)	43.4 (39.0 - 47.7)	23.2 (19.3 - 27.0)
	Black, NH	-	3.4 (1.4 - 5.3)	38.1 (30.8 - 45.4)	11.8 (8.7 - 14.9)
	Hispanic	7.3 (4.2 - 10.3)	6.2 (4.1 - 8.2)	41.8 (35.8 - 47.8)	17.7 (14.4 - 21.0)
	Asian, NH	-	-	19.1 (10.0 - 28.1)	-
	Other/Multiracial, NH	-	-	40.9 (34.3 - 47.6)	19.3 (13.0 - 25.6)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

TOBACCO USE - MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 3 OF 3)

Percentage of Massachusetts High School Students who reported:		Using any tobacco (i.e. cigarette, smokeless tobacco, cigar, or electronic vapor product), past 30 days	Using cigarettes, cigars, or smokeless tobacco, past 30 days	^Living with someone who smokes
Overall (95% Confidence Interval)		24.6 (21.9 - 27.2)	11.4 (9.5 - 13.2)	26.1 (23.0 - 29.2)
Grade	9th Grade	15.4 (12.6 - 18.1)	5.4 (3.4 - 7.4)	27.2 (21.8 - 32.6)
	10th Grade	22.5 (18.7 - 26.3)	8.8 (6.3 - 11.2)	27.9 (22.8 - 33.1)
	11th Grade	28.4 (24.0 - 32.7)	12.8 (10.0 - 15.6)	23.9 (19.7 - 28.1)
	12th Grade	32.4 (26.6 - 38.3)	18.8 (15.1 - 22.4)	24.3 (19.1 - 29.4)
Gender	Male	27.8 (24.0 - 31.6)	16.0 (12.9 - 19.1)	25.7 (22.5 - 28.9)
	Female	21.2 (18.6 - 23.8)	6.6 (5.0 - 8.2)	26.5 (22.6 - 30.5)
Race/Ethnicity	White, NH	26.9 (23.1 - 30.7)	11.7 (9.3 - 14.0)	27.0 (23.1 - 30.8)
	Black, NH	15.5 (11.6 - 19.4)	6.0 (3.2 - 8.9)	20.5 (13.1 - 27.9)
	Hispanic	25.0 (21.5 - 28.6)	12.9 (9.8 - 15.9)	26.2 (20.6 - 31.9)
	Asian, NH	9.1 (4.3 - 13.9)	-	21.2 (13.7 - 28.7)
	Other/Multiracial, NH	26.7 (18.8 - 34.5)	16.1 (10.0 - 22.3)	30.7 (22.7 - 38.7)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

TOBACCO USE - MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Ever smoking cigarettes	Smoking cigarettes, past 30 days	Ever using smokeless tobacco (i.e. chewing tobacco, snuff, or dip)	Ever using cigars, cigarillos, or little cigars	Ever using electronic vapor product	Living with someone who smokes
Overall (95% Confidence Interval)		4.3 (3.1 - 5.5)	0.8 (0.4 - 1.2)	1.1 (0.7 - 1.5)	3.0 (2.1 - 3.9)	9.9 (8.0 - 11.8)	25.1 (21.8 - 28.3)
Grade	6th Grade	2.3 (1.0 - 3.6)	-	-	-	4.7 (2.7 - 6.7)	24.2 (18.9 - 29.5)
	7th Grade	4.2 (2.4 - 6.1)	-	-	3.7 (2.4 - 5.0)	10.0 (7.1 - 12.9)	27.9 (23.9 - 32.0)
	8th Grade	5.9 (4.0 - 7.9)	-	-	3.6 (2.2 - 5.1)	14.6 (11.4 - 17.8)	23.1 (19.0 - 27.3)
Gender	Male	3.8 (2.6 - 5.0)	-	1.3 (0.5 - 2.0)	3.0 (2.0 - 4.1)	10.0 (7.9 - 12.2)	25.4 (21.9 - 28.9)
	Female	4.9 (3.2 - 6.6)	-	-	3.1 (1.9 - 4.3)	9.9 (7.5 - 12.3)	24.5 (20.8 - 28.3)
Race/Ethnicity	White, NH	2.5 (1.5 - 3.4)	-	-	2.0 (1.2 - 2.9)	6.7 (5.3 - 8.1)	22.2 (18.6 - 25.8)
	Black, NH	-	-	-	-	13.6 (7.9 - 19.3)	28.7 (21.4 - 35.9)
	Hispanic	10.0 (7.3 - 12.7)	2.3 (1.1 - 3.5)	-	7.0 (4.5 - 9.5)	21.6 (16.4 - 26.8)	31.8 (27.3 - 36.2)
	Asian, NH	-	-	-	-	-	26.5 (13.8 - 39.3)
	Other/Multiracial, NH	8.5 (3.8 - 13.2)	-	-	-	12.4 (6.5 - 18.3)	32.8 (22.3 - 43.2)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MARIJUANA USE – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever using marijuana	Using marijuana, past 30 days	Using marijuana before age of 13	Ever using synthetic marijuana	Parental/Family disapproval of marijuana use
Overall (95% Confidence Interval)		37.9 (33.9 - 41.9)	24.1 (21.3 - 26.9)	4.4 (3.4 - 5.5)	5.0 (4.4 - 5.6)	71.0 (68.5 – 73.4)
Grade	9th Grade	19.4 (15.9 - 22.8)	11.9 (9.5 - 14.3)	4.7 (3.1 - 6.2)	4.0 (2.3 - 5.6)	73.4 (67.9 – 78.2)
	10th Grade	35.0 (30.9 - 39.1)	22.5 (18.4 - 26.6)	4.5 (2.6 - 6.4)	4.2 (2.9 - 5.4)	72.7 (69.4 – 75.8)
	11th Grade	45.2 (40.4 - 50.1)	29.6 (25.2 - 34.0)	4.0 (2.1 - 5.9)	6.2 (4.6 - 7.7)	71.5 (66.7 – 75.8)
	12th Grade	54.1 (47.1 - 61.0)	33.0 (27.1 - 38.9)	4.6 (2.7 - 6.6)	5.8 (3.4 - 8.1)	66.0 (61.0 – 70.6)
Gender	Male	37.5 (33.0 - 41.9)	24.9 (21.4 - 28.4)	6.0 (4.3 - 7.6)	5.7 (4.4 - 7.0)	69.5 (66.1 – 72.8)
	Female	38.4 (34.1 - 42.6)	23.2 (19.6 - 26.7)	2.8 (1.8 - 3.9)	4.2 (3.2 - 5.2)	72.6 (69.9 – 75.2)
Race/Ethnicity	White, NH	39.5 (34.6 - 44.4)	25.5 (22.1 - 28.9)	3.7 (2.4 - 5.0)	4.3 (3.5 - 5.0)	71.5 (68.7 – 74.2)
	Black, NH	33.1 (26.9 - 39.4)	21.6 (15.9 - 27.3)	6.6 (3.7 - 9.5)	5.6 (2.9 - 8.2)	68.8 (62.4 – 74.5)
	Hispanic	41.6 (35.2 - 48.0)	26.6 (21.4 - 31.7)	6.3 (3.6 - 9.0)	7.9 (4.8 - 11.1)	68.7 (62.2 – 74.5)
	Asian, NH	16.1 (7.2 - 25.1)	9.0 (4.2 - 13.9)	-	-	80.9 (73.2 – 86.7)
	Other/Multiracial, NH	39.4 (30.8 - 48.1)	23.3 (15.1 - 31.5)	10.0 (4.5 - 15.4)	4.3 (1.8 - 6.7)	65.3 (55.6 – 73.8)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MARIJUANA USE – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Ever using marijuana	Using marijuana, past 30 days
Overall (95% Confidence Interval)		5.8 (4.3 - 7.3)	2.3 (1.5 - 3.1)
Grade	6th Grade	2.4 (1.0 - 3.8)	-
	7th Grade	5.4 (3.4 - 7.4)	2.3 (1.1 - 3.4)
	8th Grade	9.2 (6.4 - 12.0)	3.8 (2.2 - 5.4)
Gender	Male	5.6 (3.9 - 7.2)	2.5 (1.7 - 3.4)
	Female	6.1 (4.1 - 8.0)	2.3 (1.1 - 3.4)
Race/Ethnicity	White, NH	3.0 (2.1 - 3.8)	1.3 (0.8 - 1.9)
	Black, NH	12.1 (7.7 - 16.5)	-
	Hispanic	15.3 (11.1 - 19.5)	5.4 (2.9 - 7.9)
	Asian, NH	-	-
	Other/Multiracial, NH	-	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap.

White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SUBSTANCE USE ON SCHOOL PROPERTY – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School students who reported:		Using alcohol at school, past 30 days	Using marijuana at school, past 30 days	Being offered, sold, or given drugs at school, past year
Overall (95% Confidence Interval)		2.9 (2.0 - 3.7)	5.0 (3.9 - 6.2)	20.1 (18.2 - 22.0)
Grade	9th Grade	-	2.4 (1.4 - 3.5)	16.2 (13.4 - 19.1)
	10th Grade	2.4 (1.1 - 3.7)	5.1 (3.5 - 6.7)	20.3 (17.1 - 23.6)
	11th Grade	3.6 (2.2 - 5.0)	6.2 (4.1 - 8.3)	21.8 (16.2 - 27.4)
	12th Grade	3.8 (2.0 - 5.6)	6.5 (3.6 - 9.4)	22.3 (18.0 - 26.6)
Gender	Male	3.8 (2.6 - 5.0)	6.9 (5.1 - 8.8)	21.7 (19.0 - 24.4)
	Female	1.8 (0.9 - 2.6)	3.0 (2.1 - 3.8)	18.6 (16.4 - 20.8)
Race/Ethnicity	White, NH	2.0 (1.3 - 2.7)	4.0 (3.0 - 5.0)	18.9 (16.4 - 21.5)
	Black, NH	-	5.4 (2.5 - 8.4)	22.5 (16.6 - 28.5)
	Hispanic	6.5 (4.0 - 9.0)	8.7 (5.8 - 11.6)	22.7 (17.8 - 27.5)
	Asian, NH	-	-	17.4 (11.8 - 22.9)
	Other/Multiracial, NH	-	-	21.3 (13.8 - 28.8)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER ILLICIT DRUG USE – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 3) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever using cocaine	Ever using ecstasy	Ever using methamphetamine	Ever using heroin
Overall (95% Confidence Interval)		4.1 (3.1 - 5.1)	2.8 (1.9 - 3.7)	1.7 (1.0 - 2.4)	1.4 (0.8 - 2.1)
Grade	9th Grade	-	-	-	-
	10th Grade	3.9 (2.4 - 5.3)	2.8 (1.5 - 4.1)	-	-
	11th Grade	5.4 (2.8 - 8.1)	3.6 (1.6 - 5.7)	-	-
	12th Grade	5.4 (3.3 - 7.5)	4.0 (1.7 - 6.2)	2.2 (0.9 - 3.4)	-
Gender	Male	5.6 (3.8 - 7.4)	3.8 (2.4 - 5.3)	2.8 (1.7 - 4.0)	2.3 (1.2 - 3.4)
	Female	2.4 (1.4 - 3.4)	1.7 (0.9 - 2.4)	-	-
Race/Ethnicity	White, NH	3.4 (2.4 - 4.4)	2.1 (1.2 - 2.9)	1.0 (0.5 - 1.6)	-
	Black, NH	-	4.2 (2.4 - 6.1)	-	-
	Hispanic	5.1 (3.0 - 7.2)	4.0 (2.3 - 5.7)	3.2 (1.7 - 4.7)	-
	Asian, NH	-	-	-	-
	Other/Multiracial, NH	-	-	-	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER ILLICIT DRUG USE – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 3)

Percentage of Massachusetts High School Students who reported:		Using an inhalant, past 30 days	^Ever using prescription drugs (not their own)	^Using prescription drugs (not their own), past 30 days	^Ever injecting an illegal drug
Overall (95% Confidence Interval)		2.5 (1.6 - 3.4)	10.6 (9.1 - 12.0)	4.1 (3.0 - 5.2)	1.0 (0.5 - 1.5)
Grade	9th Grade	-	6.5 (4.9 - 8.2)	2.2 (1.3 - 3.2)	-
	10th Grade	-	10.6 (8.0 - 13.2)	4.7 (2.5 - 6.8)	-
	11th Grade	-	11.5 (8.2 - 14.8)	3.5 (1.8 - 5.2)	-
	12th Grade	-	13.2 (10.0 - 16.4)	5.4 (2.8 - 7.9)	-
Gender	Male	3.3 (2.1 - 4.6)	9.3 (7.5 - 11.0)	4.0 (2.6 - 5.5)	-
	Female	1.5 (0.8 - 2.3)	11.8 (9.7 - 13.9)	4.1 (2.8 - 5.4)	-
Race/Ethnicity	White, NH	1.7 (1.0 - 2.4)	8.6 (7.0 - 10.1)	2.9 (1.7 - 4.1)	-
	Black, NH	-	13.4 (8.3 - 18.4)	6.4 (3.1 - 9.8)	-
	Hispanic	4.4 (2.2 - 6.5)	18.5 (14.2 - 22.8)	8.8 (5.0 - 12.6)	-
	Asian, NH	-	6.5 (2.7 - 10.4)	-	-
	Other/Multiracial, NH	-	-	-	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER ILLICIT DRUG USE – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 3 OF 3)

Percentage of Massachusetts High School Students who reported:		^Ever using other drugs*	^Currently using other drugs*, past 30 days	^Ever using any drugs	^Using any drug, past 30 days
Overall (95% Confidence Interval)		43.6 (40.3 - 46.9)	26.0 (23.0 - 29.0)	45.7 (42.3 - 49.2)	27.1 (24.1 - 30.1)
Grade	9th Grade	23.1 (18.7 - 27.5)	12.8 (9.4 - 16.2)	25.4 (20.8 - 30.0)	13.6 (10.2 - 16.9)
	10th Grade	42.6 (37.1 - 48.2)	24.0 (19.4 - 28.5)	44.7 (39.0 - 50.3)	25.6 (21.0 - 30.2)
	11th Grade	49.9 (43.2 - 56.7)	28.5 (22.8 - 34.2)	52.0 (45.3 - 58.8)	29.1 (23.5 - 34.7)
	12th Grade	58.8 (55.1 - 62.6)	38.8 (33.8 - 43.9)	61.0 (57.4 - 64.7)	40.2 (35.1 - 45.2)
Gender	Male	43.2 (39.9 - 46.5)	25.3 (21.7 - 28.9)	45.2 (41.9 - 48.6)	26.3 (22.6 - 30.0)
	Female	43.8 (39.1 - 48.6)	26.5 (22.7 - 30.3)	46.1 (41.0 - 51.1)	27.6 (23.9 - 31.4)
Race/Ethnicity	White, NH	43.7 (39.7 - 47.6)	27.1 (23.6 - 30.6)	44.9 (40.7 - 49.0)	27.8 (24.3 - 31.2)
	Black, NH	42.0 (34.0 - 49.9)	22.2 (17.2 - 27.2)	46.6 (39.4 - 53.8)	25.1 (19.8 - 30.5)
	Hispanic	50.7 (44.7 - 56.7)	29.5 (24.7 - 34.3)	54.7 (48.9 - 60.4)	31.8 (26.7 - 36.8)
	Asian, NH	21.8 (13.2 - 30.4)	10.3 (5.4 - 15.2)	25.7 (16.3 - 35.0)	10.3 (5.4 - 15.2)
	Other/Multiracial, NH	48.5 (38.0 - 59.0)	30.4 (19.5 - 41.2)	49.3 (38.8 - 59.7)	30.4 (19.5 - 41.2)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

*Other drugs include marijuana, inhalants, cocaine, heroin, amphetamines/methamphetamines, ecstasy, and over-the-counter medicine.

OTHER ILLICIT DRUG USE – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Ever using prescription drugs (not their own)	Using prescription drugs (not their own), past 30 days	Ever injecting an illegal drug
Overall (95% Confidence Interval)		3.7 (2.8 - 4.5)	1.3 (0.8 - 1.8)	0.6 (0.2 - 1.0)
Grade	6th Grade	2.5 (1.5 - 3.6)	-	-
	7th Grade	4.2 (2.8 - 5.7)	1.3 (0.6 - 2.0)	-
	8th Grade	3.9 (2.5 - 5.3)	1.4 (0.7 - 2.1)	-
Gender	Male	3.3 (2.3 - 4.2)	1.2 (0.6 - 1.8)	-
	Female	4.0 (2.8 - 5.2)	1.5 (0.8 - 2.2)	-
Race/Ethnicity	White, NH	3.0 (2.1 - 3.9)	0.8 (0.4 - 1.2)-	-
	Black, NH	-	-	-
	Hispanic	5.4 (3.2 - 7.6)	-	-
	Asian, NH	-	-	-
	Other/Multiracial, NH	-	-	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER ILLICIT DRUG USE – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 2 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Ever using other drugs*	Using other drugs*, past 30 days	Ever using any drug	Using any drug, past 30 days
Overall (95% Confidence Interval)		9.7 (7.9 - 11.5)	3.5 (2.5 - 4.5)	11.8 (9.9 - 13.7)	4.2 (3.2 - 5.3)
Grade	6th Grade	5.7 (3.8 - 7.7)	2.1 (0.9 - 3.2)	7.7 (5.6 - 9.8)	2.4 (1.3 - 3.6)
	7th Grade	9.6 (7.1 - 12.0)	3.2 (2.0 - 4.5)	12.1 (9.3 - 14.9)	4.2 (2.7 - 5.6)
	8th Grade	13.1 (9.7 - 16.5)	4.8 (2.8 - 6.7)	15.0 (11.4 - 18.6)	5.6 (3.6 - 7.6)
Gender	Male	9.6 (7.5 - 11.8)	3.5 (2.6 - 4.5)	11.7 (9.5 - 13.8)	4.1 (3.1 - 5.1)
	Female	9.6 (7.2 - 12.1)	3.6 (2.0 - 5.1)	11.8 (9.1 - 14.4)	4.4 (2.8 - 6.1)
Race/Ethnicity	White, NH	6.5 (5.1 - 7.9)	2.0 (1.2 - 2.7)	8.6 (7.1 - 10.1)	2.5 (1.7 - 3.4)
	Black, NH	16.8 (11.0 - 22.6)	-	19.5 (13.2 - 25.8)	-
	Hispanic	20.2 (15.6 - 24.7)	6.9 (4.2 - 9.6)	22.3 (17.5 - 27.1)	7.9 (5.3 - 10.5)
	Asian, NH	-	-	-	-
	Other/Multiracial, NH	10.0 (5.0 - 15.0)	-	12.6 (7.2 - 18.1)	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

*Other drugs include marijuana, inhalants, cocaine, heroin, amphetamines/methamphetamines, ecstasy, and over-the-counter medicine.

GAMBLING – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Playing lottery or scratch tickets, past year	Gambling at a casino, past year	Participating in Fantasy Sports	Engaging in other forms of gambling*, past year	Engaging in ANY form of gambling, past year
Overall (95% Confidence Interval)		35.5 (33.0 - 38.0)	3.0 (2.3 - 3.8)	20.2 (17.7 - 22.7)	25.8 (23.7 - 28.0)	50.5 (47.8 - 53.1)
Grade	9th Grade	34.7 (30.7 - 38.6)	-	21.1 (16.7 - 25.4)	27.5 (24.1 - 30.8)	52.4 (48.1 - 56.7)
	10th Grade	28.9 (24.3 - 33.5)	-	17.9 (14.9 - 20.8)	23.8 (19.8 - 27.7)	42.9 (38.5 - 47.3)
	11th Grade	33.0 (28.5 - 37.5)	-	21.4 (16.0 - 26.8)	29.0 (24.3 - 33.7)	51.0 (45.8 - 56.2)
	12th Grade	45.2 (41.2 - 49.2)	6.5 (4.3 - 8.8)	20.0 (16.7 - 23.2)	22.3 (18.6 - 26.1)	55.3 (51.3 - 59.4)
Gender	Male	38.1 (34.6 - 41.6)	4.2 (2.9 - 5.5)	34.7 (30.0 - 39.3)	36.5 (33.0 - 39.9)	60.6 (56.8 - 64.3)
	Female	32.9 (30.0 - 35.8)	1.7 (0.9 - 2.6)	5.6 (3.9 - 7.3)	15.2 (12.9 - 17.5)	40.4 (37.3 - 43.5)
Race/Ethnicity	White, NH	40.0 (37.1 - 42.9)	2.4 (1.6 - 3.2)	22.3 (19.1 - 25.6)	26.0 (23.0 - 29.0)	54.2 (50.7 - 57.7)
	Black, NH	22.2 (15.7 - 28.7)	-	13.6 (8.4 - 18.8)	26.2 (21.1 - 31.3)	42.5 (35.8 - 49.1)
	Hispanic	29.8 (24.9 - 34.6)	5.8 (3.3 - 8.3)	18.3 (14.1 - 22.5)	26.8 (22.5 - 31.1)	44.9 (39.9 - 49.8)
	Asian, NH	26.5 (19.1 - 34.0)	-	13.7 (7.4 - 20.0)	23.5 (15.9 - 31.1)	41.7 (33.3 - 50.2)
	Other/Multiracial, NH	34.8 (24.5 - 45.0)	-	20.2 (12.3 - 28.1)	24.7 (17.7 - 31.8)	49.1 (37.9 - 60.3)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

*Other forms of gambling include betting on sporting events, games of personal skill (e.g. pool, bowling, dominoes or darts), dice games, horse or other animal races, video poker or other gambling machines, playing cards or bingo for money or prizes, and/or gambling on the internet.

GAMBLING – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Playing lottery or scratch tickets, past year	Gambling at a casino, past year	Participating in Fantasy Sports	Engaging in other forms of gambling*, past year	Engaging in ANY form of gambling, past year
Overall (95% Confidence Interval)		32.5 (30.2 - 34.9)	1.1 (0.7 - 1.5)	15.2 (13.6 - 16.7)	21.4 (19.6 - 23.2)	46.4 (44.0 - 48.8)
Grade	6th Grade	29.5 (25.6 - 33.3)	-	13.0 (10.9 - 15.1)	16.7 (13.7 - 19.7)	41.2 (37.4 - 45.0)
	7th Grade	31.3 (28.1 - 34.5)	1.2 (0.5 - 2.0)	13.4 (10.6 - 16.2)	20.4 (17.9 - 22.8)	44.6 (41.4 - 47.8)
	8th Grade	36.4 (32.7 - 40.0)	-	18.6 (15.8 - 21.5)	26.7 (23.5 - 29.9)	53.0 (49.3 - 56.8)
Gender	Male	34.1 (31.2 - 37.1)	1.3 (0.7 - 2.0)	23.6 (20.6 - 26.5)	25.8 (23.2 - 28.3)	52.3 (49.5 - 55.0)
	Female	30.8 (27.7 - 33.9)	-	6.3 (5.0 - 7.6)	16.7 (14.8 - 18.5)	40.4 (37.2 - 43.6)
Race/Ethnicity	White, NH	37.1 (34.3 - 39.9)	0.8 (0.4 - 1.2)	17.6 (15.6 - 19.6)	21.2 (19.1 - 23.4)	50.8 (47.9 - 53.7)
	Black, NH	19.2 (13.4 - 24.9)	-	10.5 (5.3 - 15.7)	21.8 (14.8 - 28.8)	37.9 (28.9 - 47.0)
	Hispanic	28.3 (24.9 - 31.8)	-	11.6 (8.2 - 15.1)	24.5 (21.3 - 27.7)	43.2 (39.5 - 46.9)
	Asian, NH	23.6 (16.0 - 31.2)	-	9.6 (6.2 - 13.1)	18.1 (13.0 - 23.3)	33.1 (25.4 - 40.7)
	Other/Multiracial, NH	32.6 (24.2 - 41.1)	-	12.7 (6.0 - 19.4)	18.2 (11.5 - 24.9)	44.7 (35.7 - 53.6)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

*Other forms of gambling include betting on sporting events, games of personal skill (e.g. pool, bowling, dominoes or darts), dice games, horse or other animal races, video poker or other gambling machines, playing cards or bingo for money or prizes, and/or gambling on the internet.

BULLYING – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Being bullied at school, past year	Being cyber-bullied, past year	^Thinking most their age bully or push others around	^Initiating bullying, past year	^Initiating cyber-bullying, past year
Overall (95% Confidence Interval)		14.6 (12.8 - 16.5)	13.6 (12.0 - 15.2)	43.7 (39.7 - 47.7)	6.4 (5.2 - 7.6)	6.4 (5.2 - 7.5)
Grade	9th Grade	17.5 (14.3 - 20.8)	15.8 (12.9 - 18.6)	46.6 (41.6 - 51.6)	6.8 (4.5 - 9.0)	6.1 (4.2 - 7.9)
	10th Grade	17.2 (13.9 - 20.4)	15.7 (11.8 - 19.5)	48.5 (41.2 - 55.8)	7.8 (5.8 - 9.8)	7.7 (5.5 - 9.9)
	11th Grade	12.1 (9.2 - 14.9)	12.3 (9.4 - 15.2)	36.7 (31.6 - 41.8)	4.2 (2.3 - 6.1)	5.2 (3.1 - 7.3)
	12th Grade	11.5 (8.5 - 14.4)	10.6 (7.6 - 13.6)	41.5 (33.9 - 49.1)	5.6 (3.4 - 7.8)	5.6 (3.6 - 7.5)
Gender	Male	11.5 (9.2 - 13.8)	9.0 (7.2 - 10.9)	39.3 (34.7 - 43.9)	8.8 (7.1 - 10.5)	6.9 (5.4 - 8.5)
	Female	17.8 (15.3 - 20.3)	18.2 (16.1 - 20.4)	48.2 (43.6 - 52.9)	4.0 (2.4 - 5.5)	5.6 (4.1 - 7.0)
Race/Ethnicity	White, NH	15.5 (13.1 - 17.9)	14.1 (12.0 - 16.2)	38.5 (34.6 - 42.3)	5.3 (3.9 - 6.6)	5.9 (4.5 - 7.4)
	Black, NH	11.1 (7.8 - 14.5)	9.7 (6.7 - 12.8)	56.9 (49.9 - 63.9)	8.6 (4.0 - 13.2)	5.2 (2.6 - 7.8)
	Hispanic	11.3 (8.5 - 14.1)	12.8 (10.0 - 15.7)	53.3 (45.3 - 61.3)	9.0 (6.0 - 12.1)	7.9 (4.5 - 11.4)
	Asian, NH	11.8 (6.9 - 16.6)	10.2 (6.1 - 14.2)	48.5 (37.7 - 59.3)	-	7.9 (4.6 - 11.2)
	Other/Multiracial, NH	19.9 (14.1 - 25.7)	17.6 (11.5 - 23.8)	49.3 (39.2 - 59.4)	-	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

BULLYING – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Being bullied at school, past year	Being cyber-bullied, past year	Thinking most their age bully or push others around	Initiating bullying, past year	Initiating cyber-bullying, past year
Overall (95% Confidence Interval)		34.0 (31.5 - 36.5)	14.1 (12.8 - 15.4)	52.0 (48.5 - 55.4)	4.7 (3.7 - 5.6)	4.1 (3.3 - 4.9)
Grade	6th Grade	38.1 (34.4 - 41.8)	12.6 (10.3 - 15.0)	48.5 (43.0 - 54.0)	3.9 (2.6 - 5.2)	2.7 (1.6 - 3.8)
	7th Grade	33.6 (30.1 - 37.1)	14.9 (12.4 - 17.4)	54.9 (49.9 - 60.0)	5.1 (3.5 - 6.8)	4.5 (3.0 - 6.0)
	8th Grade	30.4 (26.5 - 34.3)	14.7 (12.5 - 17.0)	52.4 (47.4 - 57.4)	5.0 (3.2 - 6.7)	5.0 (3.3 - 6.6)
Gender	Male	29.7 (26.8 - 32.6)	10.5 (8.8 - 12.2)	45.7 (41.6 - 49.8)	5.2 (3.8 - 6.5)	3.8 (2.7 - 4.9)
	Female	37.8 (34.9 - 40.8)	18.0 (16.0 - 20.0)	58.6 (54.8 - 62.4)	4.3 (3.1 - 5.5)	4.4 (3.3 - 5.5)
Race/Ethnicity	White, NH	35.3 (32.0 - 38.6)	14.9 (13.2 - 16.6)	46.7 (43.0 - 50.5)	3.7 (2.6 - 4.7)	3.5 (2.6 - 4.5)
	Black, NH	28.1 (22.2 - 34.1)	10.8 (5.2 - 16.5)	66.4 (57.0 - 75.7)	7.8 (3.4 - 12.2)	-
	Hispanic	32.9 (27.9 - 37.8)	12.7 (9.8 - 15.6)	65.3 (60.6 - 70.0)	6.7 (4.8 - 8.6)	7.0 (4.9 - 9.1)
	Asian, NH	28.2 (18.9 - 37.5)	9.3 (5.9 - 12.7)	48.8 (39.3 - 58.2)	6.0 (2.7 - 9.3)	-
	Other/Multiracial, NH	40.2 (32.2 - 48.2)	17.8 (11.3 - 24.3)	55.3 (46.7 - 63.8)	-	-

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

DATING and SEXUAL VIOLENCE – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Being a victim of physical dating violence, past year	Being a victim of sexual dating violence, past year	Ever having sexual contact against their will	Ever being physically forced to have sexual intercourse	^Having their activity monitored by someone they were dating, past year
Overall (95% Confidence Interval)		5.6 (4.4 - 6.9)	5.8 (4.3 - 7.4)	10.4 (8.8 - 12.0)	6.8 (5.7 - 8.0)	20.5 (18.4 - 22.5)
Grade	9th Grade	5.2 (2.4 - 8.1)	5.8 (4.2 - 7.4)	8.5 (5.9 - 11.1)	5.4 (3.8 - 7.1)	19.5 (16.4 - 22.7)
	10th Grade	6.0 (3.2 - 8.7)	6.1 (3.3 - 9.0)	11.4 (9.0 - 13.8)	6.0 (3.6 - 8.4)	21.6 (17.2 - 26.1)
	11th Grade	6.3 (4.2 - 8.5)	7.9 (5.1 - 10.8)	11.7 (8.8 - 14.6)	8.9 (6.2 - 11.7)	18.1 (13.7 - 22.5)
	12th Grade	5.1 (3.3 - 6.9)	3.7 (1.6 - 5.9)	10.4 (7.9 - 13.0)	7.1 (5.3 - 8.9)	22.2 (16.8 - 27.6)
Gender	Male	5.6 (3.7 - 7.5)	2.3 (1.2 - 3.3)	6.5 (4.7 - 8.3)	4.3 (3.1 - 5.6)	19.2 (16.4 - 22.0)
	Female	5.6 (4.2 - 7.0)	9.3 (6.8 - 11.7)	14.4 (12.0 - 16.8)	9.2 (7.4 - 11.0)	21.9 (19.2 - 24.7)
Race/ Ethnicity	White, NH	4.8 (3.1 - 6.4)	6.0 (4.1 - 7.9)	11.4 (9.7 - 13.2)	4.9 (3.7 - 6.1)	19.5 (17.3 - 21.8)
	Black, NH	6.2 (3.2 - 9.1)	-	8.9 (4.4 - 13.4)	9.5 (4.7 - 14.3)	19.1 (13.1 - 25.0)
	Hispanic	7.4 (4.5 - 10.3)	5.4 (3.2 - 7.7)	8.0 (5.0 - 11.0)	11.0 (8.5 - 13.6)	25.1 (19.9 - 30.4)
	Asian, NH	-	-	-	-	15.7 (7.2 - 24.3)
	Other/Multiracial, NH	-	6.5 (3.2 - 9.8)	10.2 (5.0 - 15.3)	12.6 (7.4 - 17.8)	21.5 (12.1 - 30.9)

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

DATING and FAMILY VIOLENCE – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Being the victim of dating violence, past year	Having their activity monitored by someone they were dating, past year	Threatening to hurt, physically hurt, or try to hurt a date, past year	Being physically hurt by someone in their family, past year	Witnessing violence in their family, past year
Overall (95% Confidence Interval)		2.5 (1.7 - 3.3)	11.0 (9.4 - 12.6)	1.2 (0.7 - 1.7)	8.8 (7.5 - 10.0)	8.2 (6.7 - 9.7)
Grade	6th Grade	-	9.4 (5.8 - 12.9)	-	8.3 (5.9 - 10.8)	7.2 (4.6 - 9.7)
	7th Grade	4.4 (2.5 - 6.2)	10.5 (7.9 - 13.1)	-	10.0 (7.6 - 12.4)	8.8 (6.3 - 11.2)
	8th Grade	-	12.2 (9.9 - 14.5)	-	7.9 (6.0 - 9.9)	8.6 (6.7 - 10.6)
Gender	Male	2.5 (1.3 - 3.6)	9.5 (7.3 - 11.7)	1.2 (0.6 - 1.9)	9.7 (8.0 - 11.5)	7.3 (5.7 - 8.9)
	Female	2.4 (1.2 - 3.6)	12.1 (9.8 - 14.5)	1.1 (0.5 - 1.7)	7.9 (6.4 - 9.5)	9.2 (7.4 - 11.0)
Race/Ethnicity	White, NH	-	10.1 (7.7 - 12.4)	-	6.7 (5.3 - 8.2)	5.6 (4.3 - 6.9)
	Black, NH	-	14.4 (7.9 - 20.8)	-	18.1 (13.1 - 23.1)	15.2 (8.9 - 21.6)
	Hispanic	3.6 (1.8 - 5.3)	13.0 (8.8 - 17.1)	3.6 (1.7 - 5.4)	9.9 (7.3 - 12.6)	12.1 (8.6 - 15.7)
	Asian, NH	-	-	-	11.2 (7.8 - 14.6)	12.0 (6.9 - 17.0)
	Other/Multiracial, NH	-	-	-	13.0 (7.2 - 18.7)	12.7 (7.2 - 18.1)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER VIOLENCE and VIOLENCE-RELATED EXPERIENCES – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Being involved in a fight, past year	Carrying a weapon, past 30 days	Carrying a gun, past 30 days	Being a member of a gang, past year
Overall (95% Confidence Interval)		17.8 (16.0 - 19.5)	11.1 (9.6 - 12.6)	2.7 (2.0 - 3.3)	6.9 (5.4 - 8.3)
Grade	9th Grade	21.1 (17.8 - 24.4)	10.5 (6.9 - 14.1)	-	6.8 (4.4 - 9.1)
	10th Grade	19.1 (14.9 - 23.2)	11.8 (9.2 - 14.4)	3.6 (2.4 - 4.8)	8.0 (5.4 - 10.7)
	11th Grade	17.4 (14.0 - 20.7)	9.9 (7.6 - 12.2)	2.8 (1.5 - 4.2)	7.2 (5.3 - 9.1)
	12th Grade	13.4 (9.2 - 17.6)	12.0 (8.2 - 15.7)	2.4 (1.1 - 3.7)	5.6 (3.6 - 7.7)
Gender	Male	23.0 (20.2 - 25.9)	18.2 (16.0 - 20.5)	4.2 (3.2 - 5.2)	8.7 (7.0 - 10.3)
	Female	12.4 (10.4 - 14.5)	3.8 (2.6 - 5.0)	-	5.0 (3.3 - 6.8)
Race/Ethnicity	White, NH	17.0 (15.0 - 19.0)	11.9 (9.8 - 13.9)	2.0 (1.4 - 2.6)	5.7 (4.1 - 7.2)
	Black, NH	20.5 (15.9 - 25.0)	8.8 (6.4 - 11.2)	4.2 (1.8 - 6.6)	-
	Hispanic	19.0 (15.2 - 22.8)	10.3 (7.5 - 13.1)	5.0 (3.3 - 6.8)	8.8 (6.6 - 10.9)
	Asian, NH	12.6 (7.7 - 17.4)	-	-	-
	Other/Multiracial, NH	23.2 (16.0 - 30.4)	17.1 (11.0 - 23.2)	-	12.4 (7.6 - 17.3)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER VIOLENCE and VIOLENCE-RELATED EXPERIENCES AT SCHOOL – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		Skipping school because they felt unsafe, past 30 days	Being threatened or injured with a weapon at school, past year	Carrying a weapon at school, past 30 days	Being in a physical fight at school, past year
Overall (95% Confidence Interval)		4.5 (3.5 - 5.6)	4.8 (3.5 - 6.0)	2.7 (2.2 - 3.2)	5.8 (4.7 - 6.9)
Grade	9th Grade	3.7 (1.9 - 5.5)	5.6 (3.2 - 7.9)	1.9 (0.9 - 2.9)	7.0 (4.5 - 9.4)
	10th Grade	5.2 (3.1 - 7.3)	5.3 (3.5 - 7.0)	3.0 (1.9 - 4.0)	7.2 (5.1 - 9.3)
	11th Grade	5.2 (3.4 - 7.0)	3.7 (2.0 - 5.5)	2.8 (1.3 - 4.3)	4.9 (2.4 - 7.4)
	12th Grade	4.0 (2.2 - 5.8)	4.4 (1.9 - 6.8)	3.2 (1.7 - 4.8)	4.0 (2.0 - 5.9)
Gender	Male	3.3 (2.1 - 4.4)	6.5 (4.6 - 8.3)	4.5 (3.7 - 5.3)	8.0 (6.4 - 9.6)
	Female	5.7 (4.1 - 7.3)	3.1 (2.0 - 4.1)	-	3.6 (2.3 - 4.9)
Race/Ethnicity	White, NH	3.6 (2.3 - 4.8)	4.0 (2.6 - 5.4)	2.4 (1.8 - 2.9)	4.4 (3.4 - 5.5)
	Black, NH	5.0 (2.7 - 7.2)	4.7 (2.6 - 6.9)	-	9.2 (5.2 - 13.3)
	Hispanic	7.0 (5.1 - 8.9)	6.8 (4.9 - 8.7)	4.1 (2.8 - 5.4)	7.9 (5.8 - 10.0)
	Asian, NH	-	-	-	-
	Other/Multiracial, NH	-	7.4 (3.8 - 11.0)	-	6.4 (2.8 - 9.9)

Data source: Massachusetts Youth Risk Behavior Survey 2017

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MENTAL HEALTH and SUICIDALITY – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Feeling sad or hopeless for 2+ weeks that they stopped doing usual activities, past year	Injuring oneself intentionally without wanting to die, past year	Seriously considering suicide, past year
Overall (95% Confidence Interval)		27.4 (25.2 - 29.7)	14.5 (12.8 - 16.2)	12.4 (11.2 - 13.7)
Grade	9th Grade	25.4 (22.2 - 28.7)	14.0 (10.9 - 17.0)	14.4 (11.3 - 17.5)
	10th Grade	28.5 (24.6 - 32.5)	15.6 (12.8 - 18.5)	11.9 (9.2 - 14.5)
	11th Grade	28.2 (24.6 - 31.8)	15.6 (12.4 - 18.8)	11.4 (8.6 - 14.3)
	12th Grade	27.7 (23.1 - 32.4)	13.0 (10.7 - 15.2)	12.2 (10.5 - 14.0)
Gender	Male	19.0 (16.2 - 21.8)	10.2 (8.1 - 12.3)	9.2 (7.1 - 11.3)
	Female	36.0 (33.3 - 38.8)	18.7 (16.8 - 20.7)	15.7 (13.5 - 17.9)
Race/Ethnicity	White, NH	25.0 (22.3 - 27.6)	14.1 (12.2 - 16.0)	11.9 (10.3 - 13.6)
	Black, NH	28.6 (22.7 - 34.4)	9.9 (6.8 - 13.0)	10.8 (7.0 - 14.5)
	Hispanic	35.2 (31.4 - 39.1)	17.1 (13.3 - 20.8)	13.2 (10.6 - 15.7)
	Asian, NH	27.4 (22.7 - 32.1)	12.8 (8.4 - 17.3)	11.0 (6.7 - 15.3)
	Other/Multiracial, NH	32.5 (25.2 - 39.9)	23.0 (17.9 - 28.0)	22.9 (16.3 - 29.4)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MENTAL HEALTH and SUICIDALITY – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		Making a suicide plan, past year	Attempting suicide, past year	Attempting suicide that resulted in an injury, poisoning or overdose that had to be treated by a doctor or nurse, past year
Overall (95% Confidence Interval)		10.9 (9.7 - 12.2)	5.4 (4.2 - 6.5)	1.9 (1.4 - 2.5)
Grade	9th Grade	12.3 (10.1 - 14.6)	6.4 (4.0 - 8.8)	2.3 (1.1 - 3.5)
	10th Grade	11.3 (8.1 - 14.4)	5.4 (3.3 - 7.5)	-
	11th Grade	10.2 (7.4 - 12.9)	4.5 (2.7 - 6.2)	-
	12th Grade	9.9 (7.7 - 12.2)	5.1 (3.2 - 7.0)	-
Gender	Male	9.7 (8.1 - 11.2)	4.4 (2.7 - 6.0)	1.8 (0.8 - 2.9)
	Female	12.2 (10.6 - 13.8)	6.2 (4.6 - 7.9)	2.1 (1.4 - 2.8)
Race/Ethnicity	White, NH	9.9 (8.2 - 11.6)	3.8 (2.7 - 5.0)	1.7 (1.1 - 2.2)
	Black, NH	12.1 (8.4 - 15.9)	5.0 (2.4 - 7.7)	-
	Hispanic	11.7 (9.6 - 13.7)	9.5 (6.6 - 12.5)	3.3 (2.0 - 4.6)
	Asian, NH	11.5 (7.6 - 15.4)	-	-
	Other/Multiracial, NH	19.6 (14.0 - 25.2)	9.6 (5.3 - 13.9)	-

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

MENTAL HEALTH and SUICIDALITY – MASSACHUSETTS MIDDLE SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Injuring oneself intentionally without wanting to die, past year	Feeling sad or hopeless for 2+ weeks that they stopped doing usual activities, past year	Seriously considering suicide, past year	Attempting suicide, past year
Overall (95% Confidence Interval)		16.8 (15.0 - 18.5)	18.9 (16.9 - 20.9)	8.6 (7.5 - 9.8)	4.2 (3.2 - 5.2)
Grade	6th Grade	19.1 (16.2 - 22.0)	17.6 (14.1 - 21.1)	6.9 (4.7 - 9.0)	3.7 (1.8 - 5.6)
	7th Grade	15.4 (12.3 - 18.6)	19.9 (16.5 - 23.4)	9.3 (7.2 - 11.4)	4.5 (2.8 - 6.1)
	8th Grade	15.1 (12.5 - 17.7)	19.1 (16.4 - 21.8)	9.7 (7.7 - 11.6)	4.6 (3.2 - 5.9)
Gender	Male	14.2 (12.0 - 16.3)	12.7 (10.7 - 14.7)	5.1 (3.9 - 6.3)	2.5 (1.7 - 3.4)
	Female	18.9 (16.4 - 21.4)	25.1 (21.8 - 28.3)	12.1 (10.0 - 14.3)	6.2 (4.4 - 8.0)
Race/Ethnicity	White, NH	13.4 (11.6 - 15.2)	14.6 (12.7 - 16.5)	6.2 (5.3 - 7.2)	2.5 (1.7 - 3.2)
	Black, NH	18.4 (12.9 - 23.9)	23.3 (15.8 - 30.8)	13.0 (8.1 - 18.0)	-
	Hispanic	25.4 (22.3 - 28.5)	29.9 (26.2 - 33.5)	14.0 (11.5 - 16.4)	8.3 (5.8 - 10.8)
	Asian, NH	14.6 (10.0 - 19.3)	14.3 (9.7 - 19.0)	9.1 (6.2 - 12.0)	-
	Other/Multiracial, NH	20.7 (12.1 - 29.3)	32.2 (24.6 - 39.7)	15.9 (9.8 - 22.0)	8.6 (4.2 - 12.9)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SEXUAL BEHAVIORS and EXPERIENCES – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever having sexual intercourse	Having sexual intercourse, past 3 months	Having sexual intercourse before age 13	Using a condom at last sexual intercourse	Having had sexual intercourse with 4+ partners during their life
Overall (95% Confidence Interval)		35.3 (31.7 - 39.0)	25.0 (22.1 - 28.0)	2.4 (1.5 - 3.2)	57.8 (53.1 - 62.4)	6.7 (5.2 - 8.1)
Grade	9th Grade	14.4 (11.2 - 17.6)	8.3 (5.8 - 10.9)	2.8 (1.4 - 4.3)	52.3 (38.6 - 66.1)	2.8 (1.6 - 4.1)
	10th Grade	29.8 (26.4 - 33.1)	19.0 (15.9 - 22.0)	-	68.0 (60.6 - 75.3)	2.9 (1.5 - 4.2)
	11th Grade	43.6 (38.9 - 48.4)	31.6 (27.9 - 35.2)	2.6 (1.3 - 3.9)	54.9 (47.0 - 62.7)	8.2 (5.2 - 11.1)
	12th Grade	55.5 (49.9 - 61.1)	42.8 (37.2 - 48.3)	-	56.6 (48.1 - 65.0)	13.1 (9.8 - 16.3)
Gender	Male	35.8 (31.6 - 39.9)	23.7 (20.2 - 27.2)	3.4 (2.0 - 4.8)	61.7 (56.9 - 66.5)	8.1 (6.2 - 9.9)
	Female	34.9 (30.5 - 39.2)	26.3 (22.6 - 29.9)	1.3 (0.5 - 2.0)	54.6 (49.2 - 60.0)	5.3 (3.6 - 7.0)
Race/Ethnicity	White, NH	35.3 (31.4 - 39.3)	25.5 (22.1 - 28.8)	1.3 (0.6 - 1.9)	60.3 (55.3 - 65.2)	5.8 (4.0 - 7.6)
	Black, NH	35.0 (29.2 - 40.9)	22.0 (17.3 - 26.6)	-	-	9.6 (6.0 - 13.2)
	Hispanic	43.3 (36.7 - 50.0)	29.6 (23.6 - 35.7)	4.8 (2.6 - 7.0)	51.1 (47.4 - 54.7)	9.7 (6.8 - 12.7)
	Asian, NH	16.4 (10.4 - 22.5)	13.2 (7.3 - 19.1)	-	-	-
	Other/Multiracial, NH	41.6 (32.2 - 50.9)	26.4 (18.5 - 34.4)	-	-	7.7 (3.9 - 11.5)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SEXUAL BEHAVIORS and EXPERIENCES – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		Drinking alcohol or using drugs at last sexual intercourse	Not using any method to prevent pregnancy at last sexual intercourse (among students who had sex, past 3 months)	Having been or gotten someone pregnant	Ever being tested for HIV
Overall (95% Confidence Interval)		18.2 (15.6 - 20.8)	9.6 (6.7 - 12.4)	2.8 (2.0 - 3.7)	10.5 (8.9 - 12.0)
Grade	9th Grade	20.4 (9.6 - 31.2)	26.9 (16.0 - 37.7)	-	5.6 (3.3 - 8.0)
	10th Grade	10.6 (4.8 - 16.4)	11.5 (6.7 - 16.2)	3.5 (1.9 - 5.1)	10.7 (7.3 - 14.2)
	11th Grade	20.2 (13.3 - 27.0)	8.9 (5.3 - 12.5)	3.0 (1.6 - 4.5)	10.0 (7.5 - 12.6)
	12th Grade	19.7 (15.1 - 24.3)	-	3.5 (1.7 - 5.2)	16.0 (13.1 - 18.8)
Gender	Male	17.9 (13.0 - 22.9)	9.8 (6.3 - 13.3)	3.7 (2.3 - 5.2)	10.1 (8.0 - 12.3)
	Female	18.2 (13.6 - 22.9)	9.3 (5.6 - 13.1)	1.9 (1.1 - 2.7)	10.8 (9.1 - 12.6)
Race/Ethnicity	White, NH	17.4 (14.3 - 20.6)	6.8 (4.2 - 9.5)	2.1 (1.2 - 2.9)	9.1 (7.5 - 10.7)
	Black, NH	-	-	-	13.3 (7.9 - 18.7)
	Hispanic	18.7 (14.0 - 23.4)	15.8 (11.0 - 20.6)	3.0 (2.0 - 3.9)	13.9 (9.9 - 17.8)
	Asian, NH	-	-	-	10.5 (5.0 - 16.0)
	Other/Multiracial, NH	-	-	-	9.3 (5.1 - 13.6)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

SEXUAL HEALTH EDUCATION – MASSACHUSETTS HIGH SCHOOL STUDENTS [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		Ever being taught about HIV/AIDS in school	Ever being taught how to use condoms in school	Ever being taught about birth control methods in school	Not talking with parents about sexuality or prevention of HIV, STDs, or pregnancy, past year
Overall (95% Confidence Interval)		77.2 (73.8 - 80.7)	57.0 (51.1 - 62.8)	65.5 (59.6 - 71.4)	61.1 (58.6 - 63.6)
Grade	9th Grade	75.5 (69.1 - 81.9)	53.1 (42.4 - 63.8)	60.1 (51.2 - 68.9)	61.3 (57.0 - 65.7)
	10th Grade	75.7 (71.0 - 80.3)	52.5 (44.4 - 60.6)	62.4 (54.6 - 70.1)	59.8 (55.2 - 64.3)
	11th Grade	76.5 (69.4 - 83.5)	62.1 (53.0 - 71.2)	70.1 (60.2 - 80.1)	61.0 (57.4 - 64.5)
	12th Grade	81.3 (77.2 - 85.4)	59.7 (53.2 - 66.2)	69.7 (62.5 - 77.0)	63.0 (57.8 - 68.2)
Gender	Male	76.7 (72.9 - 80.5)	59.4 (54.6 - 64.3)	65.2 (59.1 - 71.4)	63.4 (60.2 - 66.5)
	Female	77.9 (74.3 - 81.6)	54.4 (47.8 - 61.1)	65.8 (59.5 - 72.0)	58.8 (55.0 - 62.6)
Race/Ethnicity	White, NH	79.5 (75.4 - 83.7)	56.4 (50.2 - 62.6)	65.2 (57.9 - 72.4)	59.1 (56.7 - 61.4)
	Black, NH	71.4 (63.2 - 79.6)	55.1 (45.7 - 64.5)	63.5 (53.8 - 73.1)	65.8 (58.1 - 73.6)
	Hispanic	73.5 (67.8 - 79.3)	63.3 (55.4 - 71.2)	67.9 (62.6 - 73.2)	62.3 (56.5 - 68.1)
	Asian, NH	77.8 (70.2 - 85.3)	51.2 (37.4 - 65.0)	66.0 (56.8 - 75.1)	73.9 (66.4 - 81.3)
	Other/Multiracial, NH	71.1 (63.3 - 78.9)	57.1 (47.4 - 66.8)	67.0 (59.3 - 74.7)	70.4 (63.8 - 77.0)

Data source: Massachusetts Youth Risk Behavior Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER HEALTH CONDITIONS and RELATED FACTORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts High School Students who reported:		^Seeing a dentist, past year	^Having a cavity, past year	^Being examined by a dentist or hygienist at school, past year
Overall (95% Confidence Interval)		89.0 (87.1 - 90.9)	29.9 (27.8 - 32.0)	7.5 (6.2 - 8.8)
Grade	9th Grade	90.9 (88.1 - 93.7)	25.6 (22.0 - 29.1)	7.0 (5.0 - 9.0)
	10th Grade	89.4 (86.4 - 92.3)	31.4 (27.0 - 35.8)	8.5 (6.1 - 10.9)
	11th Grade	89.7 (86.7 - 92.7)	32.2 (28.2 - 36.2)	6.7 (4.3 - 9.1)
	12th Grade	86.1 (82.0 - 90.2)	30.5 (26.6 - 34.5)	7.1 (4.6 - 9.6)
Gender	Male	87.2 (84.8 - 89.7)	29.6 (26.5 - 32.6)	8.9 (7.1 - 10.8)
	Female	91.0 (88.7 - 93.2)	30.2 (27.7 - 32.8)	6.1 (4.4 - 7.7)
Race/Ethnicity	White, NH	93.0 (91.3 - 94.7)	28.6 (26.3 - 30.9)	5.8 (4.5 - 7.1)
	Black, NH	81.2 (75.9 - 86.5)	34.4 (26.6 - 42.1)	13.7 (8.7 - 18.8)
	Hispanic	81.9 (77.4 - 86.4)	34.5 (29.7 - 39.2)	9.8 (6.3 - 13.3)
	Asian, NH	81.2 (75.3 - 87.1)	26.3 (18.5 - 34.0)	9.1 (4.7 - 13.4)
	Other/Multiracial, NH	85.4 (76.7 - 94.1)	37.1 (26.8 - 47.5)	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER HEALTH CONDITIONS and RELATED FACTORS – MASSACHUSETTS HIGH SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts High School Students who reported:		^Having diabetes	^Having a physical disability or long-term health problem	^Having a long-term emotional or learning disability	Having an adult family member on active duty in military
Overall (95% Confidence Interval)		1.6 (1.0 - 2.1)	15.3 (13.4 - 17.3)	21.2 (18.6 - 23.9)	9.6 (8.0 - 11.2)
Grade	9th Grade	-	15.1 (11.6 - 18.7)	16.8 (12.9 - 20.6)	10.5 (7.8 - 13.2)
	10th Grade	-	14.9 (11.7 - 18.0)	21.4 (16.9 - 25.8)	13.1 (10.0 - 16.3)
	11th Grade	-	15.9 (12.5 - 19.4)	20.9 (16.1 - 25.6)	8.8 (6.4 - 11.2)
	12th Grade	-	14.4 (10.1 - 18.7)	26.3 (20.8 - 31.7)	5.9 (3.1 - 8.6)
Gender	Male	1.8 (0.9 - 2.6)	13.7 (11.0 - 16.4)	16.1 (13.6 - 18.6)	11.1 (9.3 - 12.8)
	Female	1.4 (0.6 - 2.1)	17.0 (14.5 - 19.4)	26.5 (22.6 - 30.5)	8.1 (6.3 - 10.0)
Race/Ethnicity	White, NH	1.0 (0.4 - 1.5)	14.5 (12.4 - 16.5)	23.5 (20.3 - 26.8)	8.5 (6.7 - 10.3)
	Black, NH	-	13.5 (7.6 - 19.4)	9.4 (4.8 - 14.0)	7.8 (4.1 - 11.5)
	Hispanic	3.6 (1.5 - 5.8)	19.4 (13.3 - 25.6)	21.2 (15.6 - 26.8)	15.5 (12.7 - 18.4)
	Asian, NH	-	12.9 (8.2 - 17.5)	11.3 (6.2 - 16.5)	-
	Other/Multiracial, NH	-	-	-	-

Data source: Massachusetts Youth Risk Behavior Survey 2017 unless noted (^), in which case the data was from the Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER HEALTH CONDITIONS and RELATED FACTORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 1 OF 2) [\[Click back to Table of Contents\]](#)

Percentage of Massachusetts Middle School Students who reported:		Seeing a dentist, past year	Having a cavity, past year	Being examined by a dentist or hygienist at school, past year
Overall (95% Confidence Interval)		87.9 (85.6 - 90.1)	24.5 (22.0 - 27.1)	10.0 (8.0 - 12.0)
Grade	6th Grade	84.9 (81.5 - 88.3)	21.2 (17.3 - 25.1)	11.5 (8.1 - 14.8)
	7th Grade	87.7 (84.4 - 91.0)	24.8 (21.0 - 28.7)	9.3 (6.3 - 12.3)
	8th Grade	91.5 (89.1 - 93.9)	27.1 (23.5 - 30.7)	8.8 (6.4 - 11.3)
Gender	Male	87.4 (85.0 - 89.9)	25.4 (22.6 - 28.2)	9.6 (7.5 - 11.8)
	Female	88.7 (86.1 - 91.4)	23.6 (20.3 - 26.9)	10.2 (7.5 - 12.8)
Race/Ethnicity	White, NH	92.2 (90.3 - 94.1)	21.2 (18.4 - 24.1)	7.0 (5.5 - 8.5)
	Black, NH	79.7 (72.7 - 86.8)	34.0 (25.6 - 42.5)	17.2 (11.4 - 23.0)
	Hispanic	78.4 (74.3 - 82.5)	34.2 (30.3 - 38.2)	16.0 (11.6 - 20.3)
	Asian, NH	86.4 (80.1 - 92.7)	24.5 (17.0 - 32.1)	13.5 (7.3 - 19.7)
	Other/Multiracial, NH	90.3 (85.3 - 95.4)	22.1 (14.2 - 30.0)	10.4 (4.9 - 15.9)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

OTHER HEALTH CONDITIONS and RELATED FACTORS – MASSACHUSETTS MIDDLE SCHOOL STUDENTS (PART 2 OF 2)

Percentage of Massachusetts Middle School Students who reported:		Having diabetes	Having good or better overall health	Having a physical disability or long-term health problem	Having a long-term emotional or learning disability
Overall (95% Confidence Interval)		1.7 (1.2 - 2.1)	94.9 (93.8 - 96.0)	11.7 (10.5 - 13.0)	12.3 (10.8 - 13.8)
Grade	6th Grade	1.4 (0.6 - 2.1)	96.2 (94.8 - 97.6)	11.4 (9.3 - 13.5)	9.6 (7.4 - 11.8)
	7th Grade	1.9 (1.1 - 2.7)	94.6 (92.6 - 96.5)	11.7 (9.8 - 13.5)	13.2 (10.4 - 15.9)
	8th Grade	1.5 (0.7 - 2.3)	94.0 (92.4 - 95.6)	11.7 (9.4 - 14.1)	13.7 (11.2 - 16.3)
Gender	Male	2.1 (1.4 - 2.8)	96.4 (95.3 - 97.6)	10.0 (8.4 - 11.5)	9.2 (7.6 - 10.8)
	Female	1.2 (0.6 - 1.7)	93.5 (91.9 - 95.1)	13.8 (11.7 - 15.8)	15.6 (13.2 - 17.9)
Race/Ethnicity	White, NH	1.2 (0.7 - 1.7)	96.3 (95.1 - 97.4)	12.4 (10.7 - 14.0)	12.5 (10.6 - 14.4)
	Black, NH	-	94.7 (91.0 - 98.3)	9.4 (3.9 - 14.9)	12.8 (7.3 - 18.4)
	Hispanic	2.5 (1.3 - 3.8)	89.2 (86.1 - 92.3)	10.3 (7.4 - 13.2)	12.1 (8.9 - 15.2)
	Asian, NH	-	96.4 (94.0 - 98.9)	7.2 (3.6 - 10.8)	-
	Other/Multiracial, NH	-	95.5 (92.2 - 98.9)	20.9 (13.2 - 28.6)	22.9 (14.5 - 31.3)

Data source: Massachusetts Youth Health Survey 2017.

Footnote: Statistically significant difference between percentages can be assessed if their 95% confidence intervals do not overlap. White, Black, Asian, and Multiracial categories refer to non-Hispanic (NH). Categories of American Indian or Alaskan Native and Native Hawaiian or Other Pacific Islander were not presented due to insufficient sample sizes for a majority of survey questions. Estimates and their 95% confidence intervals were suppressed (-) if the underlying sample size was <100 respondents and/or the relative standard error was >30%.

DATA TABLES: ANALYSIS and STATISTICS PRESENTED

Data on key health and safety indicators are presented overall and by gender, grade, and race/ethnicity for both middle and high school students. Results for high school students are primarily from the MYRBS; when the data are from the MYHS it is noted in the footnote and or with a (^) in the table. All middle school results are from the MYHS.

All data collected for the MYRBS and the MYHS are self-reported from Massachusetts public school students. Self-reported data may be subject to error for several reasons, including inaccurate recall of events.^[1] Students in private schools, state custody, or other educational settings are not represented. Students who have severe limitations or disabilities, or who are often absent from school may be under-represented. Additionally, data presented are univariate, descriptive percentages. No multivariate analysis was performed on these data. In addition, all data presented are voluntary and cross-sectional, and thus should not be used to assess causality.

Percent estimates presented in these tables are weighted (i.e., adjusted for nonresponse and distribution of students by grade, sex and race/ethnicity) in order to be representative of high school and middle school students across Massachusetts. They are calculated based on the percentage of students who answered “Yes” over all students who responded to the respective question. Students who responded “Don’t know” or refused to respond were excluded from the analysis unless otherwise noted. Since survey estimates are based on a random sample of public school students (instead of a census), a 95% confidence interval is provided for each percent estimate. Statistically significant differences between percent estimates can be determined if their 95% confidence intervals do not overlap. Data are not presented if the underlying sample size is less than 100 respondents and/or the relative standard error is above 30%.

^[1] National Center for Health Statistics. (January 11, 2007). Reliability of Survey Estimates. Retrieved August 2, 2007, from <http://www.cdc.gov/nchs/about/major/ahcd/reliability.htm>