

Communities That Care Survey

Dedham Schools

Grades 6-12

Winter 2013

History:

- Coordinated Health Program utilizes student data results to look at trends in order to better meet student needs

History:

- In June of 2007 it was decided to administer a student survey in November of 2007 for grades 6-12.
- The Health Advisory Group and Superintendent Doe were consulted on the survey tool selection.
- *The Communities That Care Survey* was chosen because it identified protective factors as well as risk factors
- The *Communities That Care Survey* was administered in November and December of 2013 for grades 6-12.



Terminology:

- *Communities That Care Youth Survey* (CTC)- name of survey given to Dedham students
- *Youth Risk Behavior Survey* (YRBS)- Massachusetts' student survey
- *Monitoring the Future*-Data from this national study was used as a comparison for the Dedham data

Terminology:

- ***ATOD***-Alcohol, Tobacco and other Drugs
- ***Protective Factors***-known as “assets” that help buffer children and youth from exposure to risk
- ***Risk Factors***- conditions that increase likelihood of a young person becoming involved in drug use, delinquency, school dropout and/or violence

This Report Presents Findings in Three Separate Sections:

- **Risk and protective factors** that predict ATOD use, delinquency and other problem behaviors in adolescents
- Prevalence and frequency of **drug use**
- Prevalence and frequency of **antisocial behaviors**

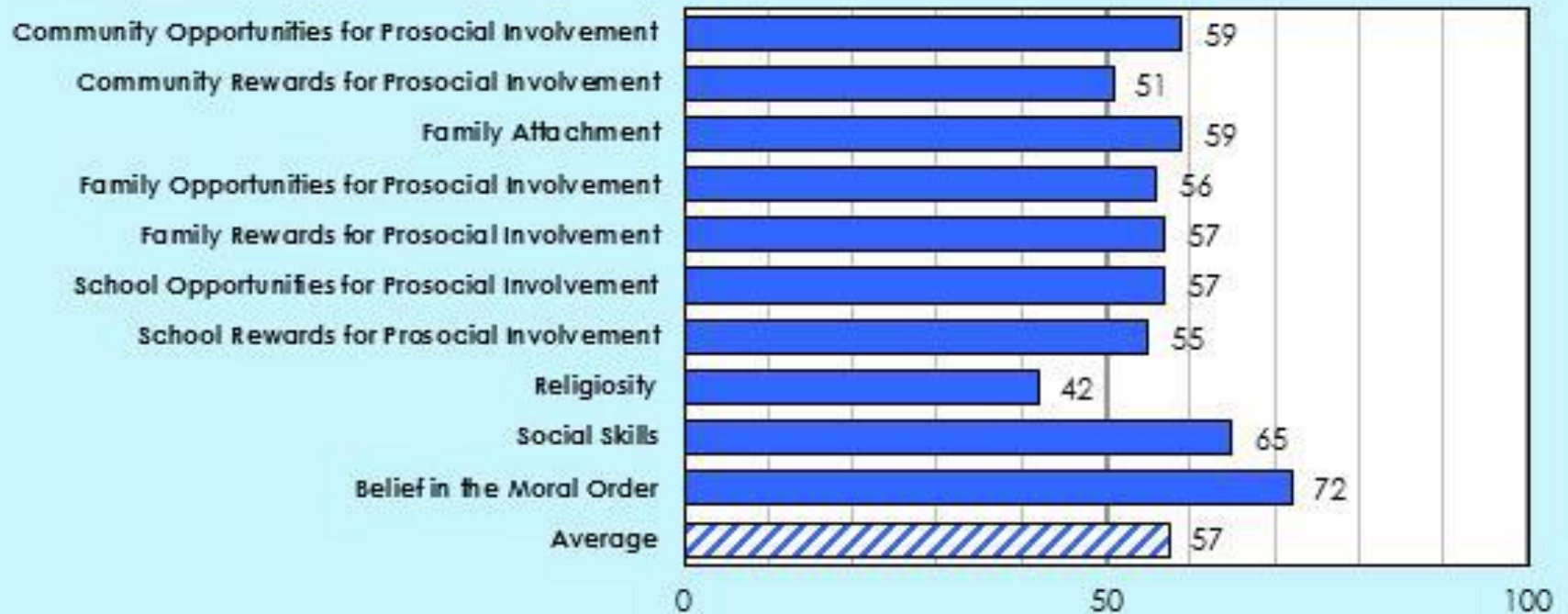
Four Strategies to Assess the Validity of the Surveys (Page 3):

- Two strategies eliminated surveys of students who exaggerated drug use/antisocial behaviors
- A third strategy--students who reported use of a fictitious drug
- A fourth strategy—students who repeatedly reported logically inconsistent patterns of drug use
- MS= 520, 1 removed; HS=673, 10 removed

Protective Factors

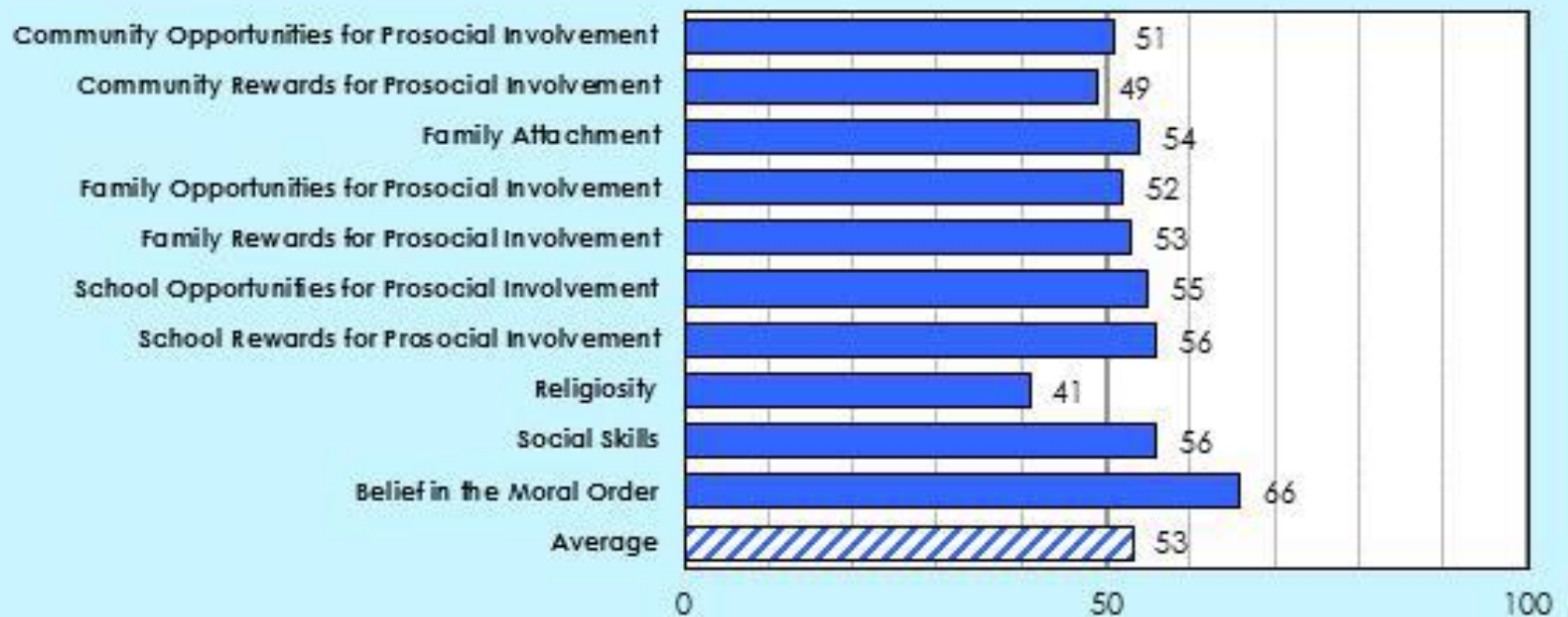
Dedham MS Protective Factors: NORMS (page 10)

Graph 1. Overall Protective Factor Scale Scores



Dedham HS Protective Factors: NORMS (page 10)

Graph 1. Overall Protective Factor Scale Scores



Highest Protective Factors

Middle School

- **Belief in the Moral Order (72)**
- **Social Skills (65)**
- **Community Opportunities for Pro-social Involvement (59)**
- **Family attachment (59)**

High School

- **Belief in the moral order (66)**
- **School rewards for pro-social involvement (56)**
- **Social skills (56)**

Lowest Protective Factors

Middle School

- **Religiosity (42)**
- **Community Rewards for Pro-social Involvement (51)**
- **School Rewards for Pro-social Involvement (55)**

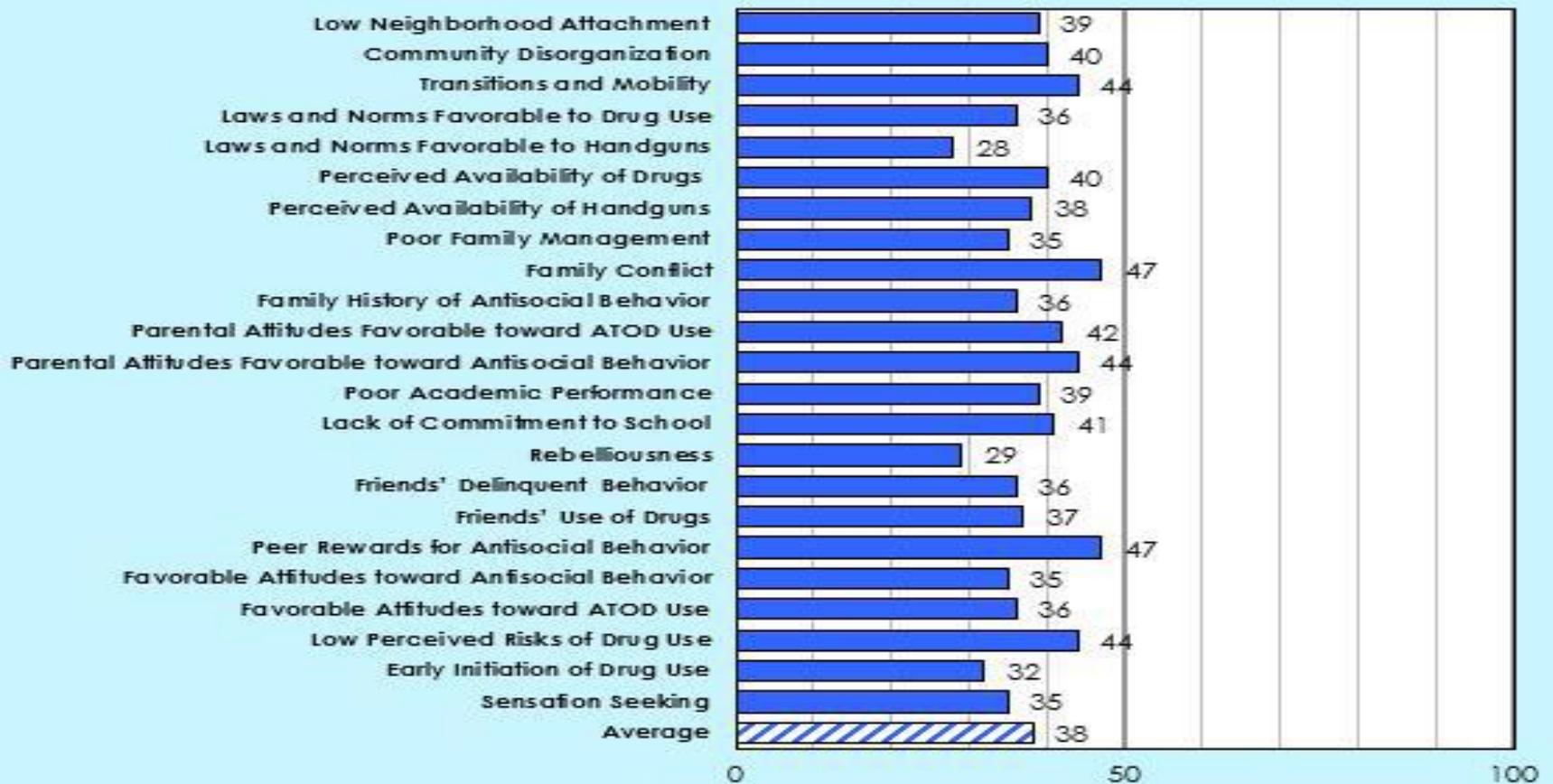
High School

- **Religiosity (41)**
- **Community rewards for pro-social involvement (49)**
- **Community opportunities for pro-social involvement (51)**

Risk Factors

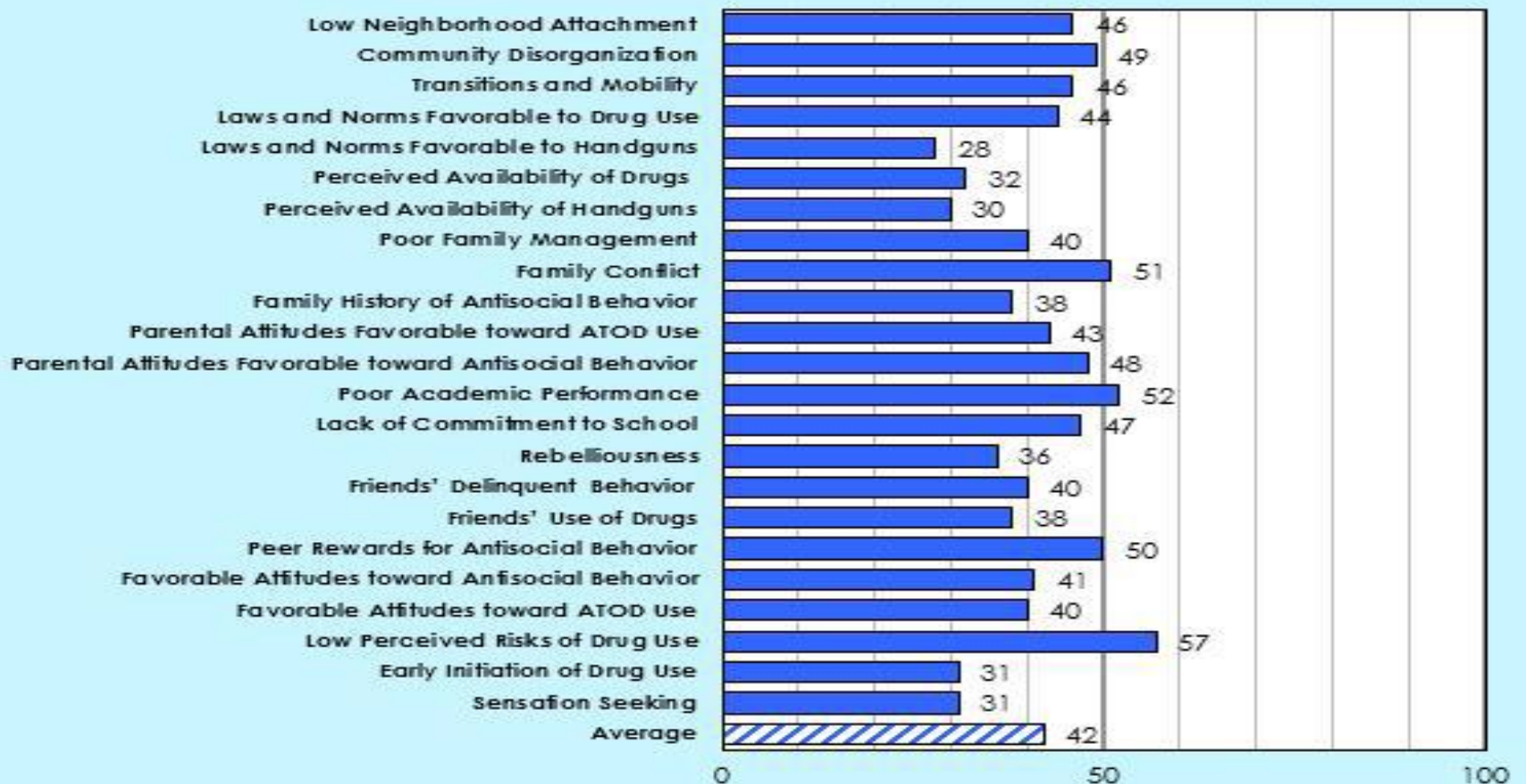
Dedham MS Risk Factors: Norms (page 10)

Graph 2. Overall Risk Factor Scale Scores



Dedham HS Risk Factors: Norms (page 10)

Graph 2. Overall Risk Factor Scale Scores



Lowest Risk Factors

Middle School

- **Favorable Attitudes Toward ATOD Use (28)**
- **Rebelliousness (29)**
- **Early Initiation of Drug Use (32)**

High School

- **Laws and norms favorable to handguns (28)**
- **Perceived availability of handguns (30)**
- **Early Initiation of Drug Use (31)**
- **Sensation seeking (31)**

Highest Risk Factors

Middle School

- **Family Conflict (47)**
- **Peer Rewards for Anti-social Behavior (47)**

High School

- **Low perceived Risks of Drug Use (57)**
- **Poor academic performance (52)**
- **Family Conflict (51)**

DHS Perceived Risk of Harm

(pages 50-51)

Table A2. Percentage of Surveyed Youth Who Reported Perception of “Great Risk” of Harm, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
Drinking Alcohol Regularly				43.5	44.8	44.8	42.2	44.1
Smoking Cigarettes Regularly				75.0	73.4	78.8	77.8	76.3
Trying Marijuana Once or Twice				18.1	12.9	12.3	13.0	14.2
Smoking Marijuana Regularly				51.0	31.6	25.9	26.8	33.6

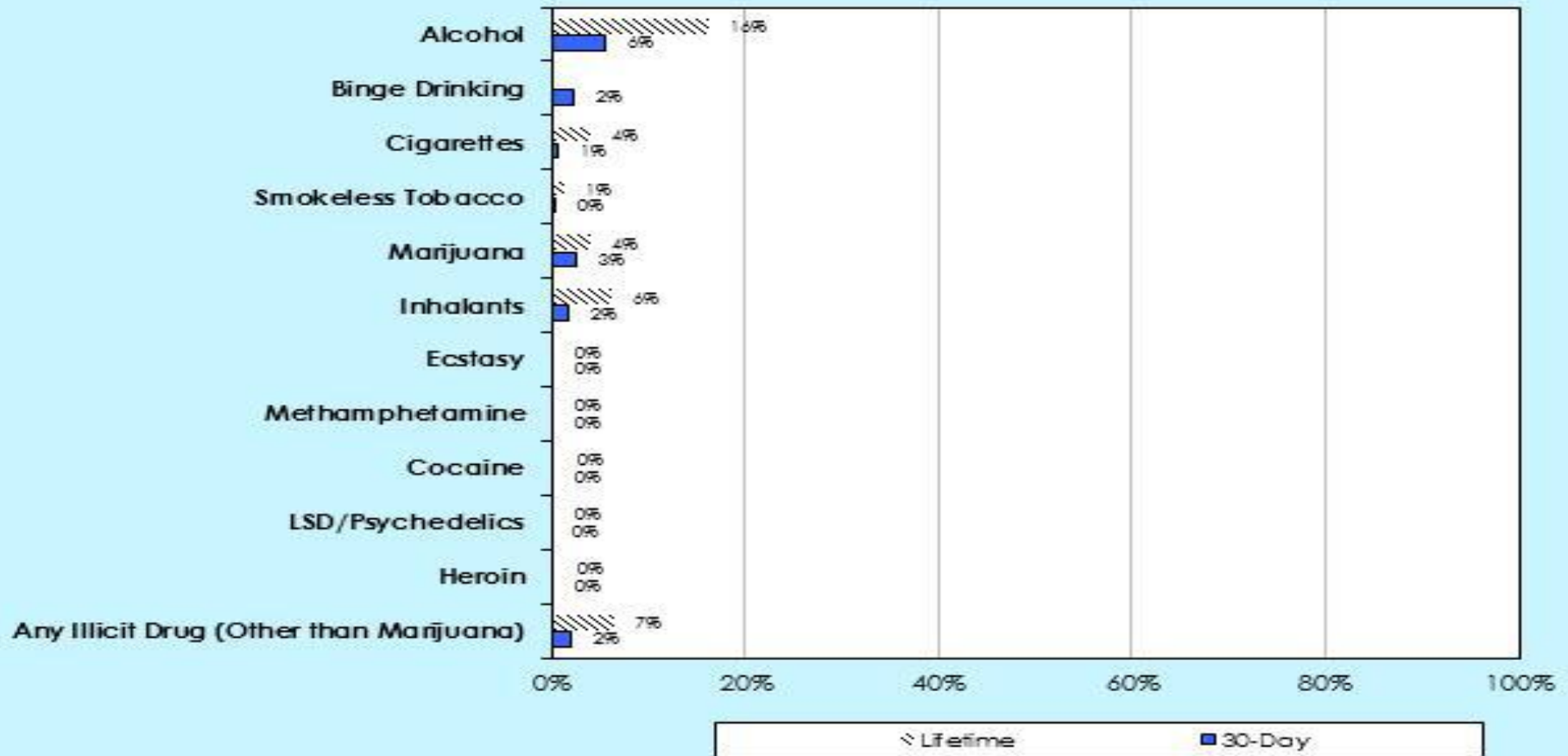
Table A3. Percentage of Surveyed Youth Who Indicated Personal Disapproval of Drug Use, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
Drinking Alcohol Regularly				79.5	58.2	55.1	48.5	60.2
Smoking Cigarettes				91.3	89.5	87.6	84.3	88.1
Smoking Marijuana				78.9	61.9	57.2	50.3	61.7
Using Other Illicit Drugs				98.1	95.5	98.0	95.9	96.8

Drug Use

Dedham MS Overall Lifetime and Past 30-Days (page 32)

Graph 3. Overall Lifetime and Past-30-Day Prevalence of Alcohol, Tobacco and Other Drug Use



Dedham MS Alcohol

Table A6. Past-30-Day Frequency of Alcohol Use Reported by Surveyed Youth, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
0 occasions	100.0	95.4	85.5					94.4
1 or 2 occasions	0.0	4.0	11.2					4.5
3 to 5 occasions	0.0	0.0	2.6					0.8
6 to 9 occasions	0.0	0.0	0.0					0.0
10 to 19 occasions	0.0	0.6	0.0					0.2
20 to 39 occasions	0.0	0.0	0.0					0.0
40 or more occasions	0.0	0.0	0.7					0.2

Dedham MS Tobacco

Table A7. Past-30-Day Frequency of Cigarette Use Reported by Surveyed Youth, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
Not at all	100.0	99.4	98.7					99.4
Less than one cigarette per day	0.0	0.6	1.3					0.6
One to five cigarettes per day	0.0	0.0	0.0					0.0
About one-half pack per day	0.0	0.0	0.0					0.0
About one pack per day	0.0	0.0	0.0					0.0
About one and one-half packs per day	0.0	0.0	0.0					0.0
Two packs or more per day	0.0	0.0	0.0					0.0

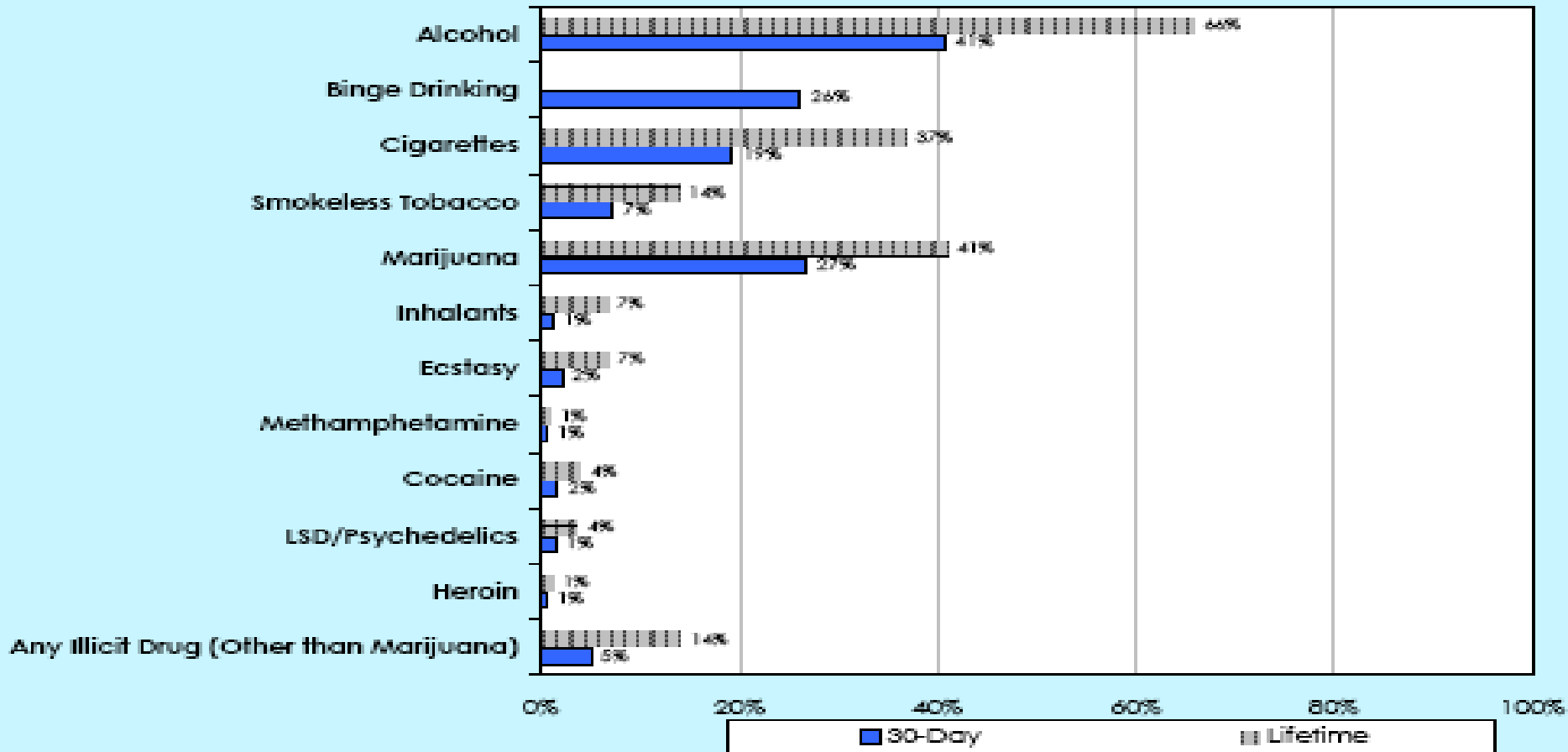
Dedham MS Marijuana

Table A8. Past-30-Day Frequency of Marijuana or Hashish Use Reported by Surveyed Youth, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
0 occasions	100.0	98.8	92.1					97.3
1 or 2 occasions	0.0	0.6	3.3					1.1
3 to 5 occasions	0.0	0.0	2.6					0.8
6 to 9 occasions	0.0	0.0	0.7					0.2
10 to 19 occasions	0.0	0.0	0.0					0.0
20 to 39 occasions	0.0	0.6	1.3					0.6
40 or more occasions	0.0	0.0	0.0					0.0

Dedham HS Overall Lifetime and Past 30-Days (page 32)

Graph 3. Overall Lifetime and Past-30-Day Prevalence of Alcohol, Tobacco and Other Drug Use



Dedham HS Alcohol

Table A6. Past-30-Day Frequency of Alcohol Use Reported by Surveyed Youth, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
0 occasions				85.7	74.1	60.0	53.8	68.1
1 or 2 occasions				11.2	14.6	29.0	24.3	19.5
3 to 5 occasions				1.9	5.7	5.5	12.1	6.7
6 to 9 occasions				0.6	3.2	3.4	5.2	3.3
10 to 19 occasions				0.0	1.3	2.1	0.6	0.9
20 to 39 occasions				0.0	0.0	0.0	2.3	0.6
40 or more occasions				0.6	1.3	0.0	1.7	0.9

Dedham HS Marijuana

Table A8. Past-30-Day Frequency of Marijuana or Hashish Use Reported by Surveyed Youth, by Grade

	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %
0 occasions				91.9	75.8	78.2	73.0	79.3
1 or 2 occasions				1.9	10.2	9.5	7.5	7.4
3 to 5 occasions				1.2	3.2	2.7	1.7	2.3
6 to 9 occasions				2.5	4.5	2.7	4.6	3.5
10 to 19 occasions				0.6	1.3	4.1	2.9	2.1
20 to 39 occasions				0.6	1.9	2.0	4.6	2.4
40 or more occasions				1.2	3.2	0.7	5.7	3.0

Binge Drinking (page 35)

Middle School



High School



**Dedham Survey Results Are
Compared With Monitoring
the Future Survey Results of
2013 (Page 34)**

Dedham MS Lifetime Use

Table 5. Lifetime Use of Alcohol, Tobacco and Other Drugs for Surveyed Youth Compared to the “Monitoring the Future” Study

	Dedham Middle School								Monitoring the Future ¹		
	8 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %	8 th %	10 th %	12 th %
Alcohol	5.3	13.8	32.5					16.2	27.8	52.1	68.2
Cigarettes	0.5	2.9	10.1					4.0	14.8	25.7	38.1
Smokeless Tobacco	0.5	1.7	2.0					1.3	7.9	14.0	17.2
Marijuana	0.0	2.3	11.3					4.0	16.5	35.8	45.5
Inhalants	3.2	4.6	12.5					6.2	10.8	8.7	6.9
Ecstasy	0.0	0.0	0.7					0.2	1.8	5.7	7.1
Methamphetamine	0.0	0.0	0.7					0.2	1.4	1.6	1.5
Cocaine	0.0	0.0	1.3					0.4	1.7	3.3	4.5
LSD/Psychedelics	0.0	0.6	0.0					0.2	2.5	5.4	7.6
Heroin	0.0	0.0	1.3					0.4	1.0	1.0	1.0
Any Illicit Drug (Other than Marijuana)	3.2	5.2	13.2					6.6	—	—	—

Note: The symbol “—” indicates that data are not available because students were not surveyed, the drug was not included in the survey, or a comparable aggregate calculation was not available. Monitoring the Future data is only available for 8th, 10th and 12th graders.

¹ Johnston et al. (2014).

Dedham MS Past 30-day use

Table 6. Past-30-Day Use of Alcohol, Tobacco and Other Drugs for Surveyed Youth Compared to the “Monitoring the Future” Study

	Dedham Middle School								Monitoring the Future ¹		
	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %	8 th %	10 th %	12 th %
Alcohol	0.0	4.6	14.5					5.6	10.2	25.7	39.2
Binge Drinking	0.0	2.4	5.3					2.3	5.1	13.7	22.1
Cigarettes	0.0	0.6	1.3					0.6	4.5	9.1	16.3
Smokeless Tobacco	0.0	0.6	0.7					0.4	2.8	6.4	8.1
Marijuana	0.0	1.2	7.9					2.7	7.0	18.0	22.7
Inhalants	1.1	2.3	2.6					1.9	2.3	1.3	1.0
Ecstasy	0.0	0.0	0.7					0.2	0.5	1.2	1.5
Methamphetamine	0.0	0.0	0.7					0.2	0.4	0.4	0.4
Cocaine	0.0	0.0	0.7					0.2	0.5	0.8	1.1
LSD/Psychedelics	0.0	0.0	0.0					0.0	0.8	1.1	1.4
Heroin	0.0	0.0	0.7					0.2	0.3	0.3	0.3
Any Illicit Drug (Other than Marijuana)	1.1	2.3	3.3					2.1	—	—	—

Note: The symbol “—” indicates that data are not available because students were not surveyed, the drug was not included in the survey, or a comparable aggregate calculation was not available. Monitoring the Future data is only available for 8th, 10th and 12th graders.

Dedham HS Lifetime Use

Table 5. Lifetime Use of Alcohol, Tobacco and Other Drugs for Surveyed Youth Compared to the “Monitoring the Future” Study

	Dedham High School							Monitoring the Future ¹			
	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %	8 th %	10 th %	12 th %
Alcohol				37.3	58.2	65.5	74.1	58.8	27.8	52.1	68.2
Cigarettes				8.8	15.7	18.7	23.4	16.9	14.8	25.7	38.1
Smokeless Tobacco				3.8	11.4	13.4	17.8	12.0	7.9	14.0	17.2
Marijuana				16.8	35.2	43.2	50.9	37.3	16.5	35.8	45.5
Inhalants				5.0	5.7	3.4	0.6	3.9	10.8	8.7	6.9
Ecstasy				0.6	2.5	1.4	6.9	2.9	1.8	5.7	7.1
Methamphetamine				0.0	1.3	0.0	1.7	0.8	1.4	1.6	1.5
Cocaine				0.0	3.2	0.0	3.4	1.7	1.7	3.3	4.5
LSD/Psychedelics				0.0	3.2	1.4	4.6	2.3	2.5	5.4	7.6
Heroin				0.0	1.3	0.0	1.7	0.8	1.0	1.0	1.0
Any Illicit Drug (Other than Marijuana)				5.0	8.8	4.1	9.1	7.0	–	–	–

Note: The symbol “–” indicates that data are not available because students were not surveyed, the drug was not included in the survey, or a comparable aggregate calculation was not available. Monitoring the Future data is only available for 8th, 10th and 12th graders.

¹ Johnston et al. (2014).

Dedham HS Past 30-day Use

Table 6. Past-30-Day Use of Alcohol, Tobacco and Other Drugs for Surveyed Youth Compared to the “Monitoring the Future” Study

	Dedham High School							Monitoring the Future ¹			
	6 th %	7 th %	8 th %	9 th %	10 th %	11 th %	12 th %	Overall %	8 th %	10 th %	12 th %
Alcohol				14.3	25.9	40.0	46.2	31.9	10.2	25.7	39.2
Binge Drinking				6.9	14.6	18.6	23.6	16.3	5.1	13.7	22.1
Cigarettes				1.9	6.4	5.4	5.7	5.0	4.5	9.1	16.3
Smokeless Tobacco				0.0	1.9	6.7	7.4	4.2	2.8	6.4	8.1
Marijuana				8.1	24.2	21.8	27.0	20.7	7.0	18.0	22.7
Inhalants				1.3	0.6	1.4	0.0	0.8	2.3	1.3	1.0
Ecstasy				0.0	1.9	0.0	0.6	0.6	0.5	1.2	1.5
Methamphetamine				0.0	1.3	0.0	0.6	0.5	0.4	0.4	0.4
Cocaine				0.0	1.9	0.0	0.0	0.5	0.5	0.8	1.1
LSD/Psychedelics				0.0	0.6	0.0	1.2	0.5	0.8	1.1	1.4
Heroin				0.0	0.6	0.0	0.0	0.2	0.3	0.3	0.3
Any Illicit Drug (Other than Marijuana)				1.2	3.8	1.4	2.3	2.1	–	–	–

Note: The symbol “–” indicates that data are not available because students were not surveyed, the drug was not included in the survey, or a comparable aggregate calculation was not available. Monitoring the Future data is only available for 8th, 10th and 12th graders.

¹ Johnston et al. (2014).

**Massachusetts Youth Risk
Behavior Survey (YRBS)
Results From 2003 to 2011
(Odd Number Years)**

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YRBS Results: Alcohol

Dedham MS: 16.2% lifetime use

Dedham HS: 58.8% lifetime use

Figure 5: Alcohol Use Among Middle School Students, 2007-2011 (MYHS)

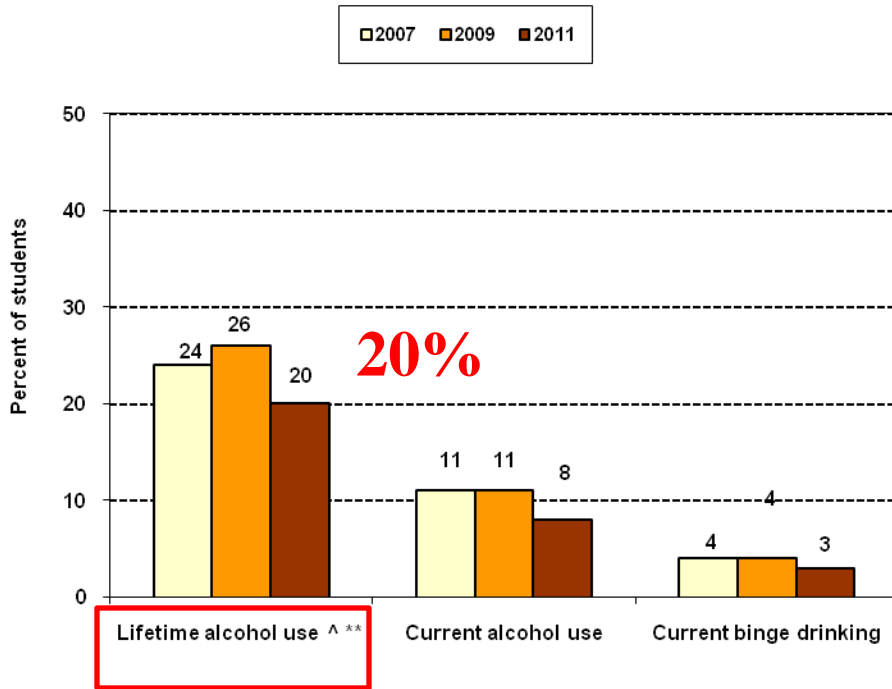
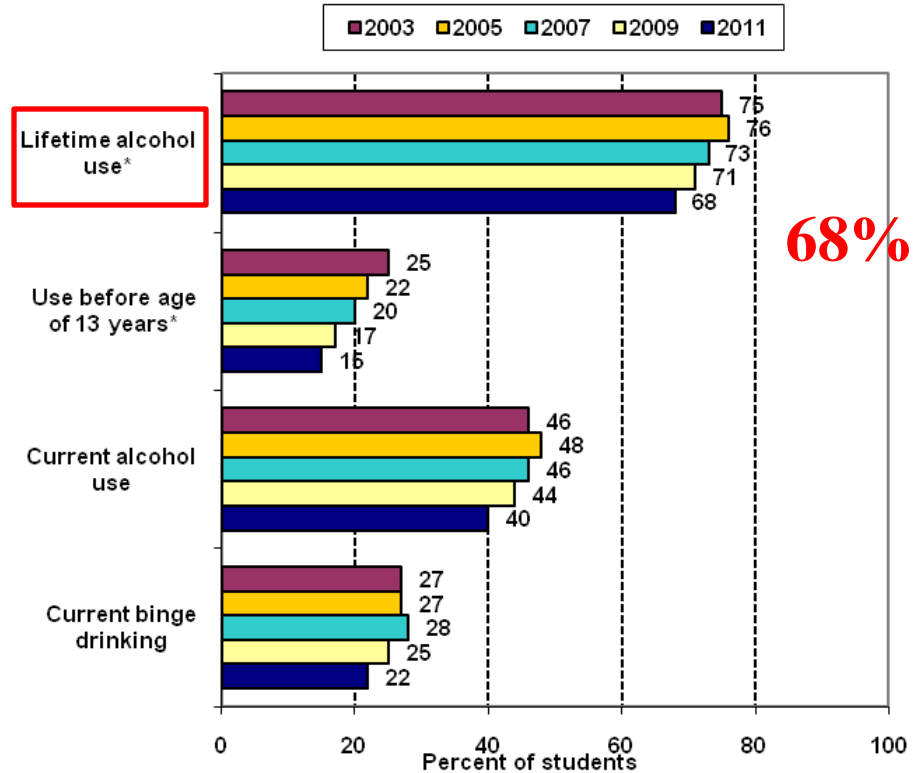


Figure 4: Alcohol Use Among High School Students, 2003-2011 (MYRBS)



YRBS Results: Tobacco

Dedham MS : 4% lifetime use

Dedham HS : 16.9% lifetime use

Figure 7: Cigarette Smoking Among Middle School Students, 2007-2011 (MYHS)

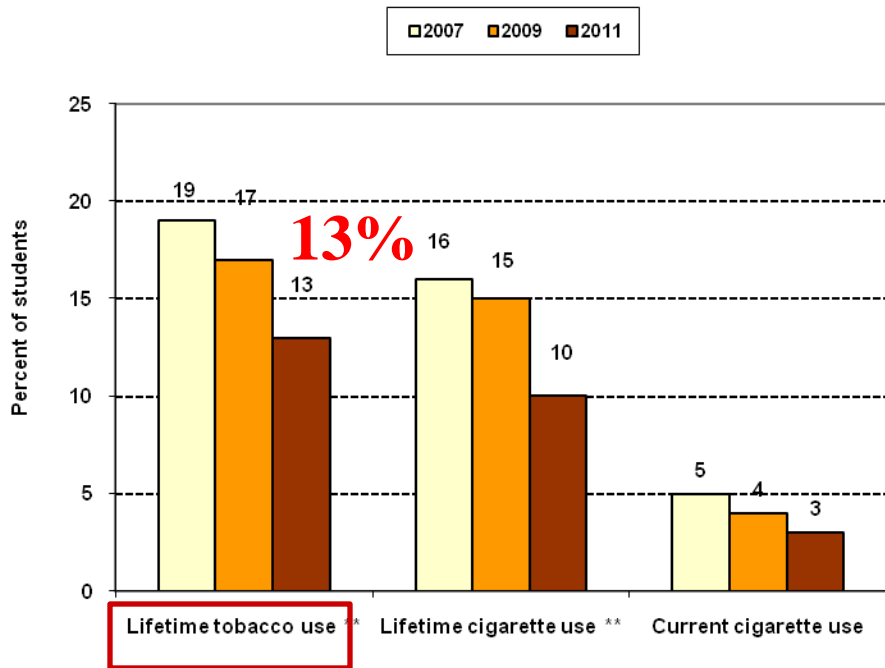
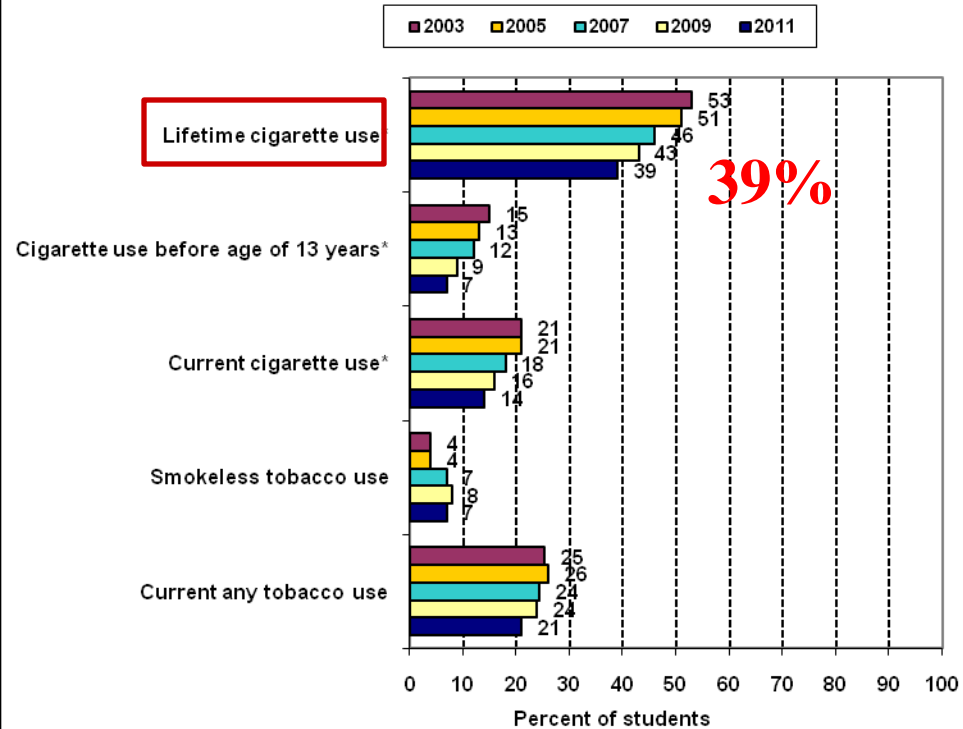


Figure 6: Tobacco Use Among High School Students, 2003-2011 (MYRBS)



YRBS Results: Marijuana

Dedham MS : 4% lifetime use

Dedham HS : 37.3% lifetime use

Figure 9: Marijuana Use Among MA Middle School Students, 2007-2011 (MYHS)

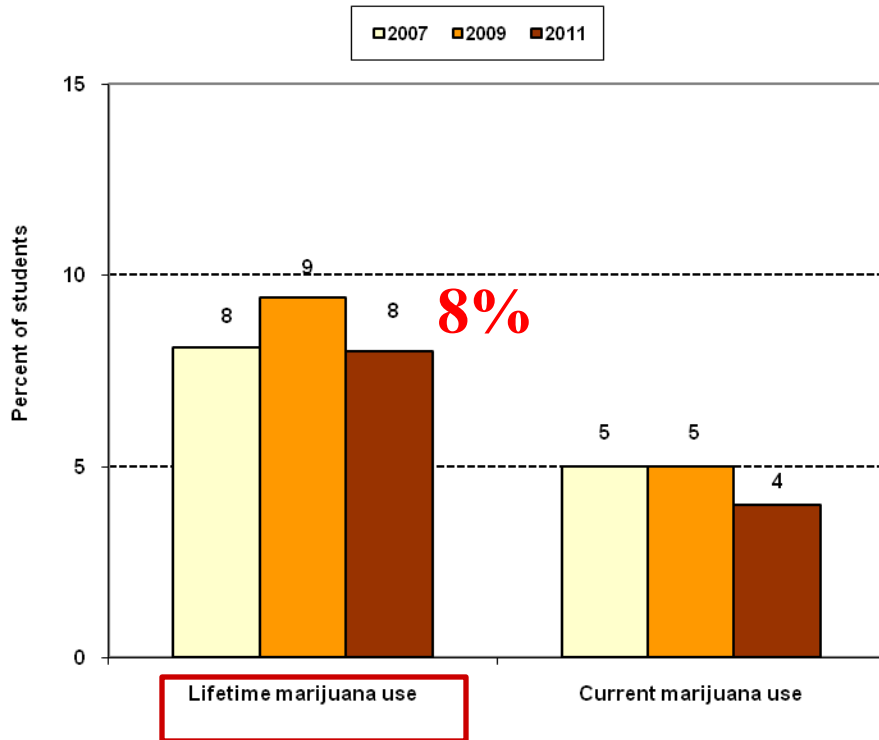
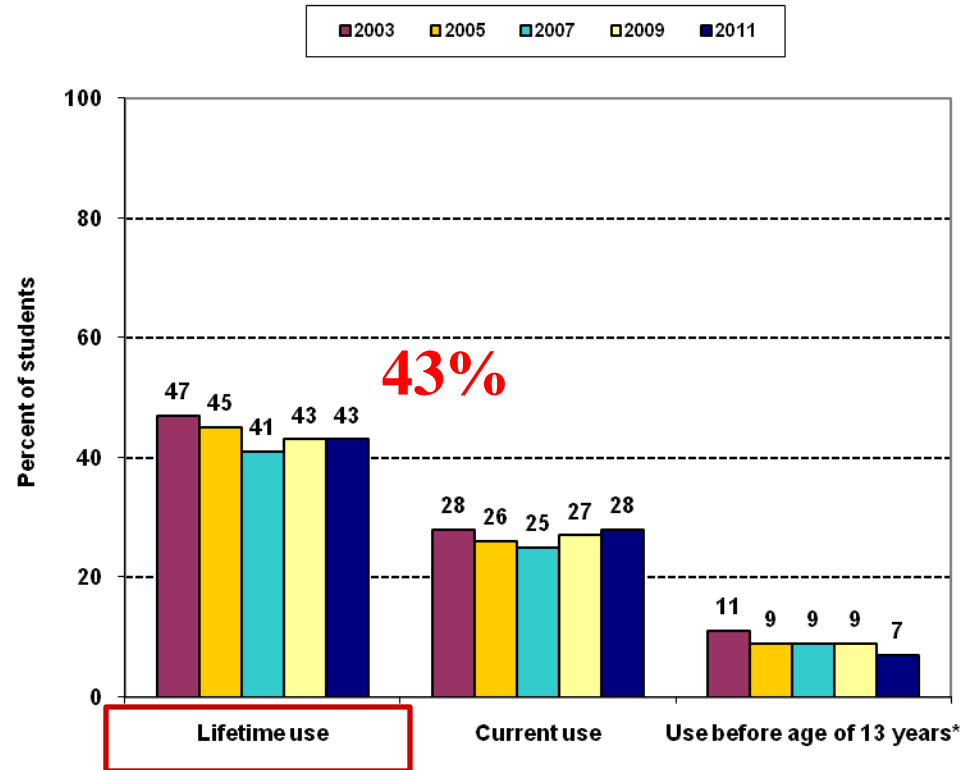


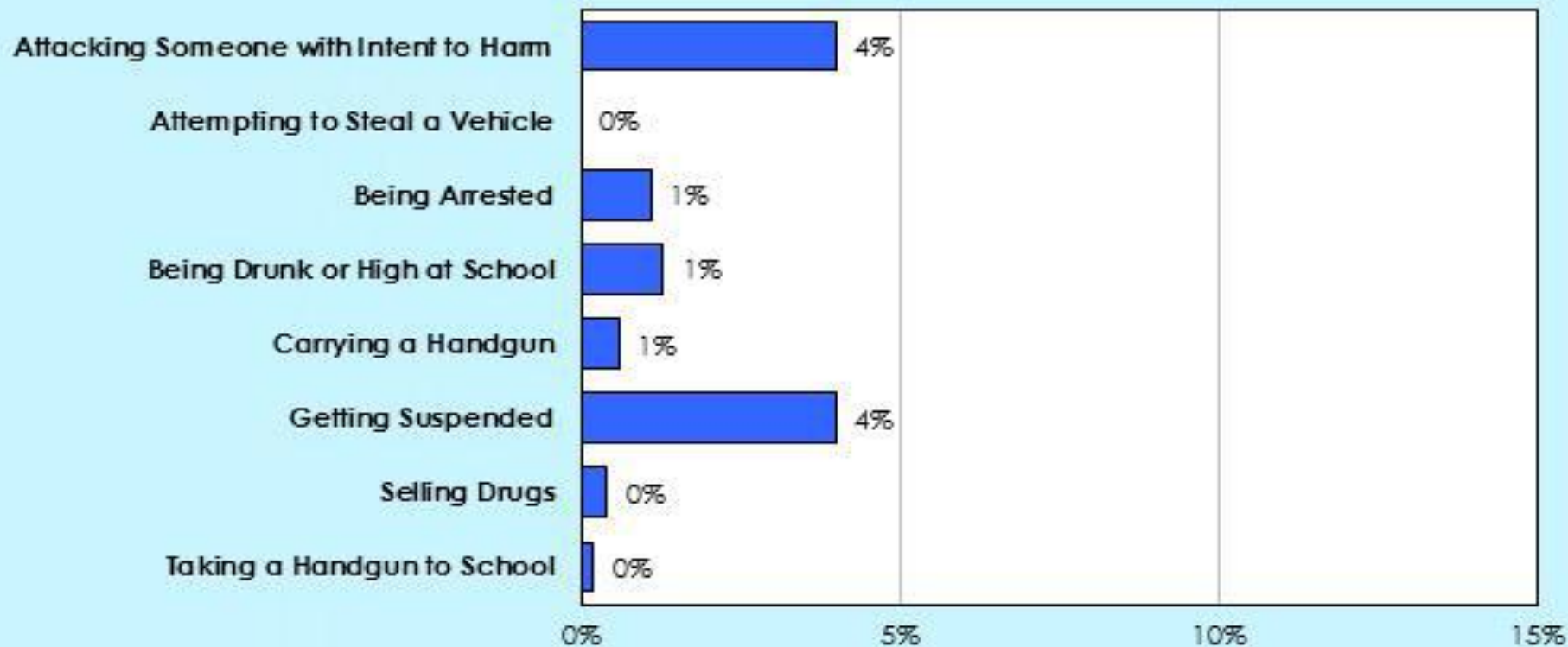
Figure 8: Marijuana Use Among MA High School Students, 2003-2011 (MYRBS)



Antisocial Behaviors

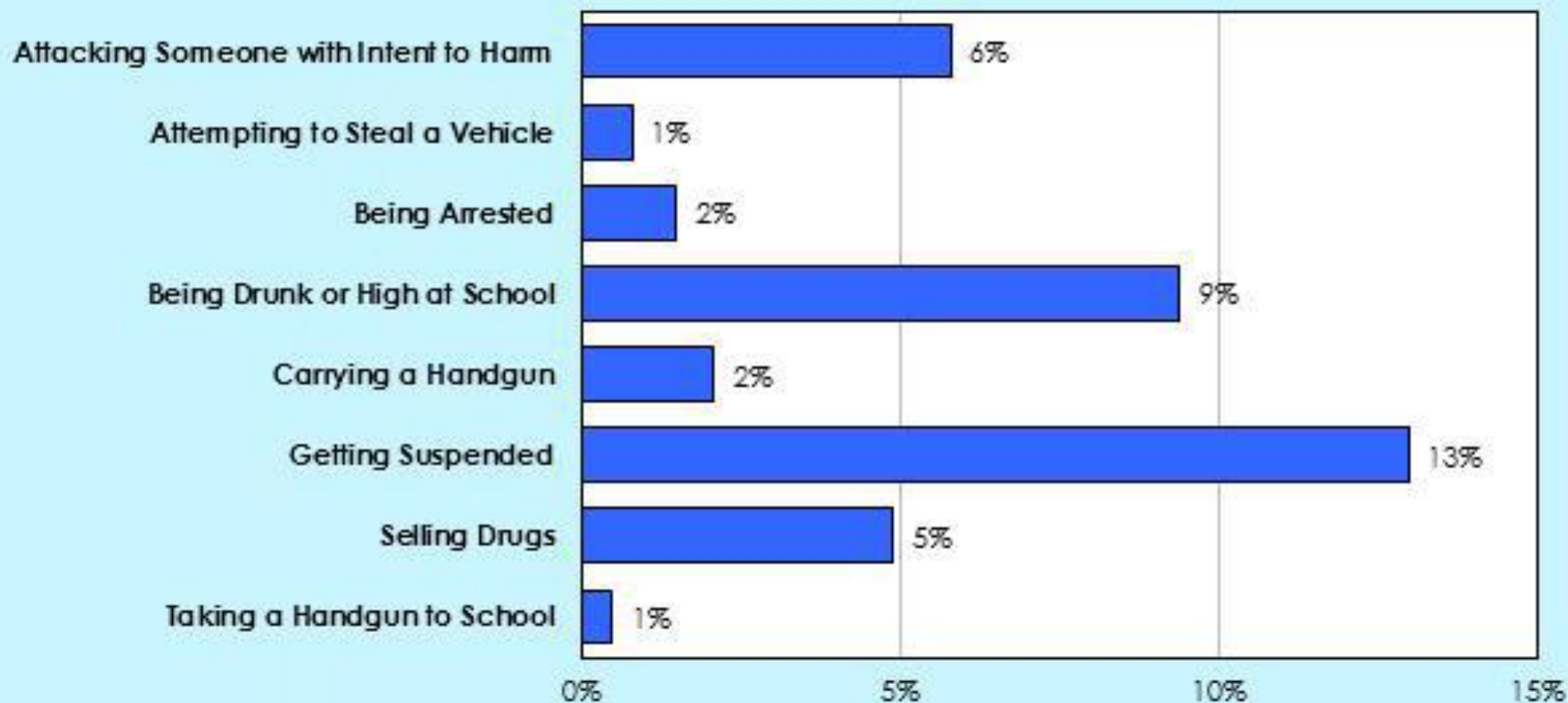
DMS Overall Prevalence of Antisocial Behavior (Page 42)

Graph 5. Overall Prevalence of Antisocial Behaviors



DHS Overall Prevalence of Antisocial Behavior (Page 42)

Graph 5. Overall Prevalence of Antisocial Behaviors

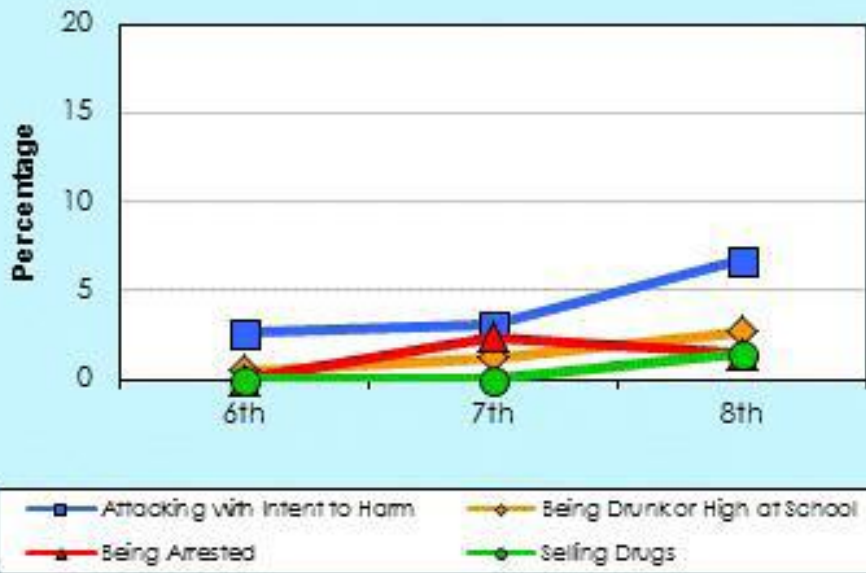


Antisocial Behavior by Grade Level (Page 42)

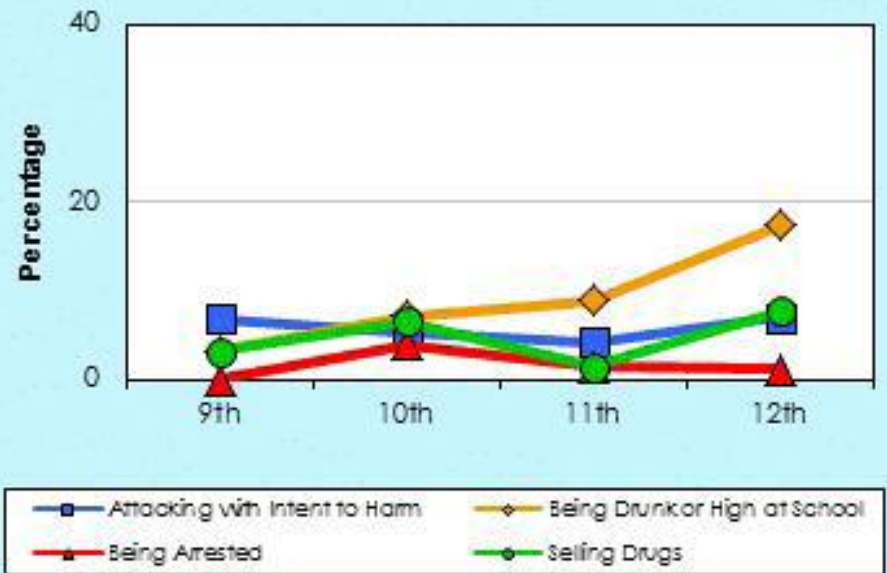
Middle School

High School

Graph 6. Prevalence of Selected Antisocial Behaviors, by Grade



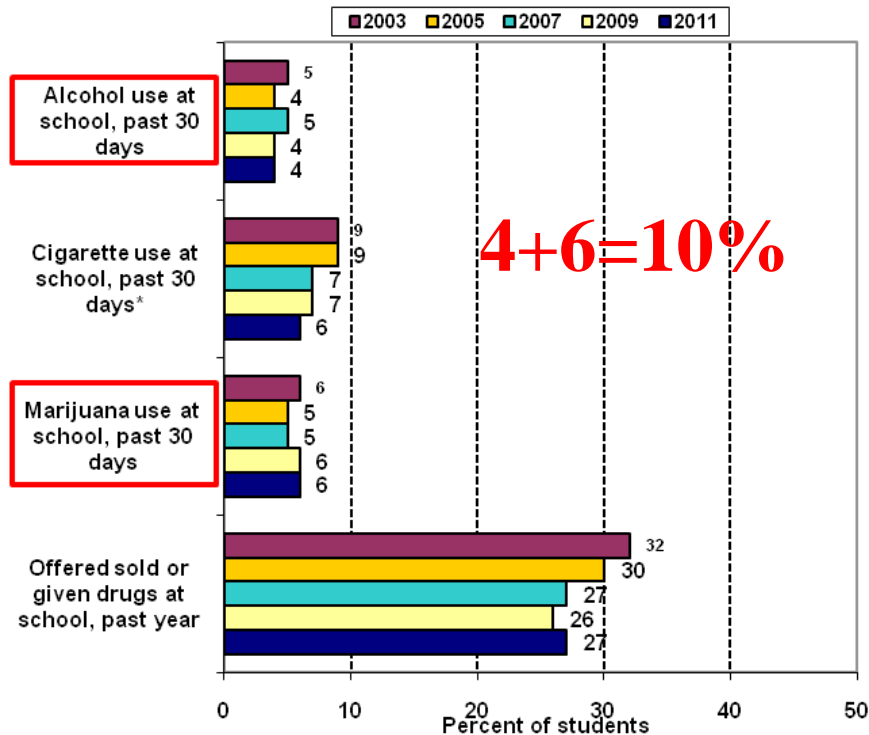
Graph 6. Prevalence of Selected Antisocial Behaviors, by Grade



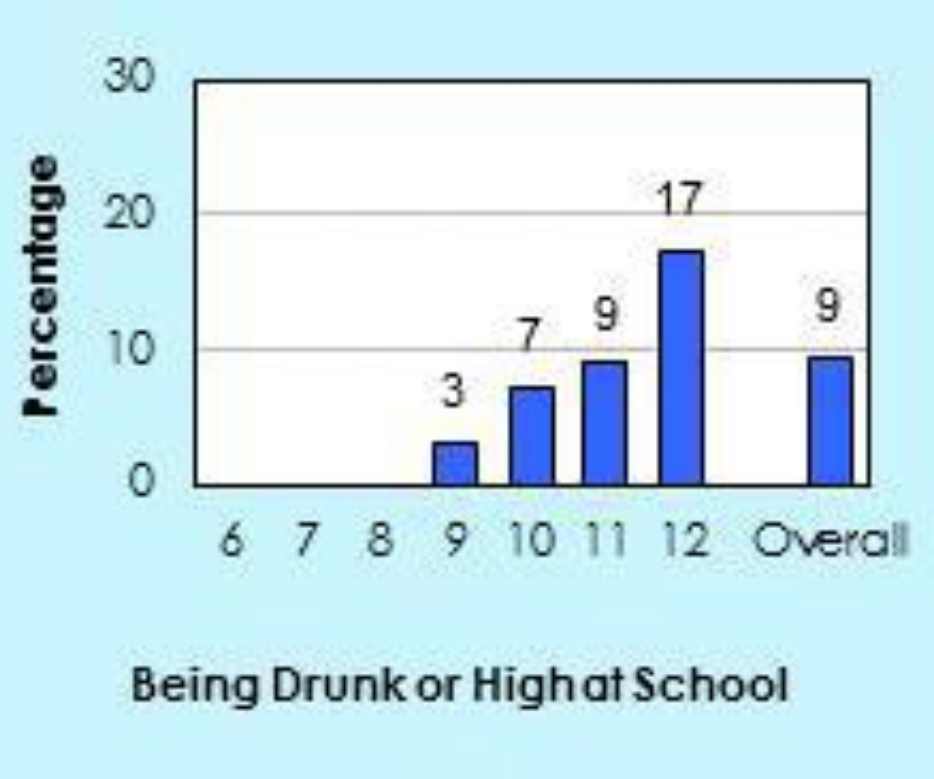
Being Drunk or High at School

YRBS

Figure 12: Substance Use on School Property Among MA High School Students, 2003-2011 (MYRBS)



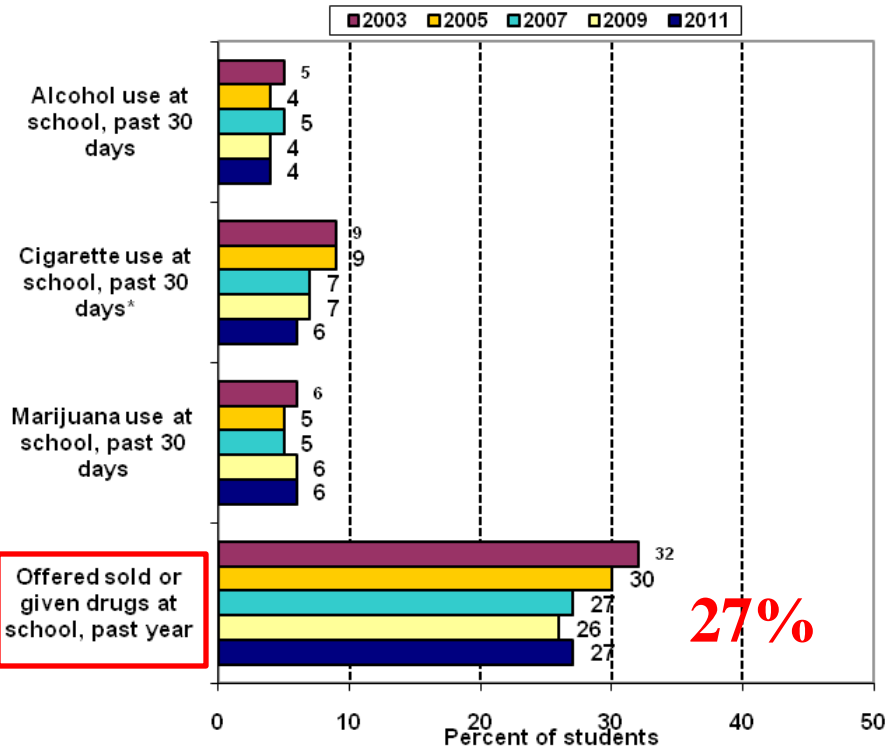
DHS



Selling Drugs at School

YRBS

Figure 12: Substance Use on School Property Among MA High School Students, 2003-2011 (MYRBS)



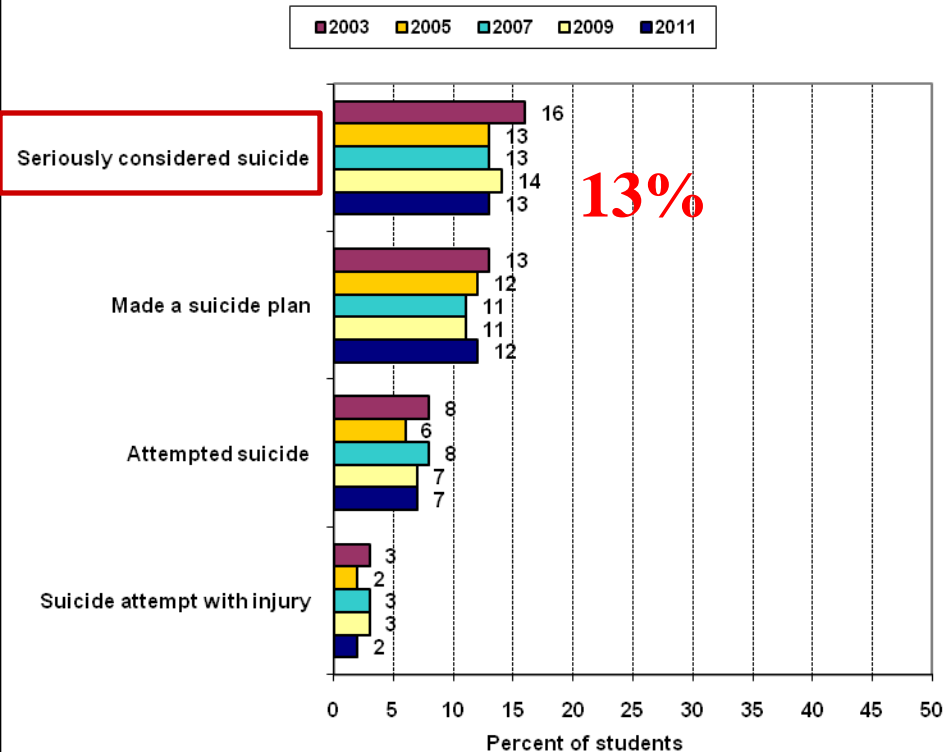
High School



YRBS Results: Ever Consider

DHS 2013:

Figure 31: Suicidality Among MA High School Students, 2003- 2011 (MYRBS)



7. During the past 12 months, did you ever seriously consider attempting suicide?

		Yes	No
Gender	Female	22.7	77.3
	Male	9.9	90.1
Grade	9th	20.9	79.1
	10th	16.9	83.1
	11th	14.0	86.0
	12th	12.9	87.1
Overall	Overall	16.4	83.6

Cyberbullying

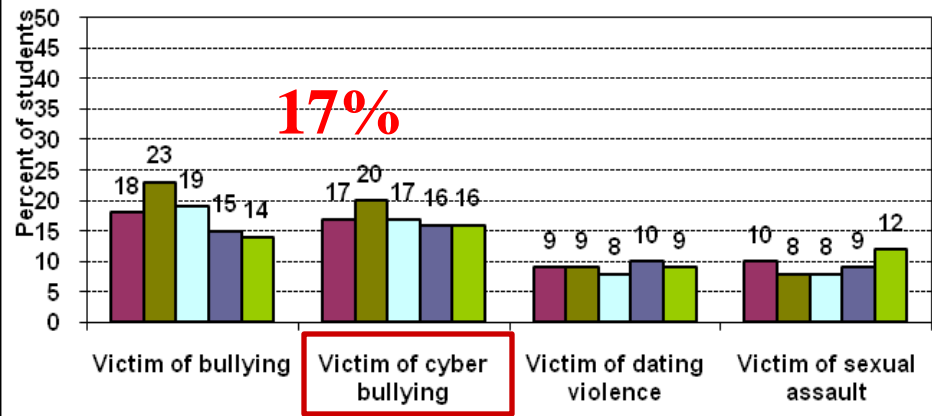
YRBS 2011

DHS 2013

8. Have you ever been harassed or threatened through the internet or cell phone?

		No	Occasionally	Frequently
Gender	Female	77.1	21.3	1.6
	Male	82.0	17.6	0.4
Grade	9th	76.7	22.0	1.3
	10th	81.7	17.6	0.7
	11th	81.0	18.2	0.7
	12th	79.7	18.4	1.9
Overall	Overall	79.5	19.3	1.1

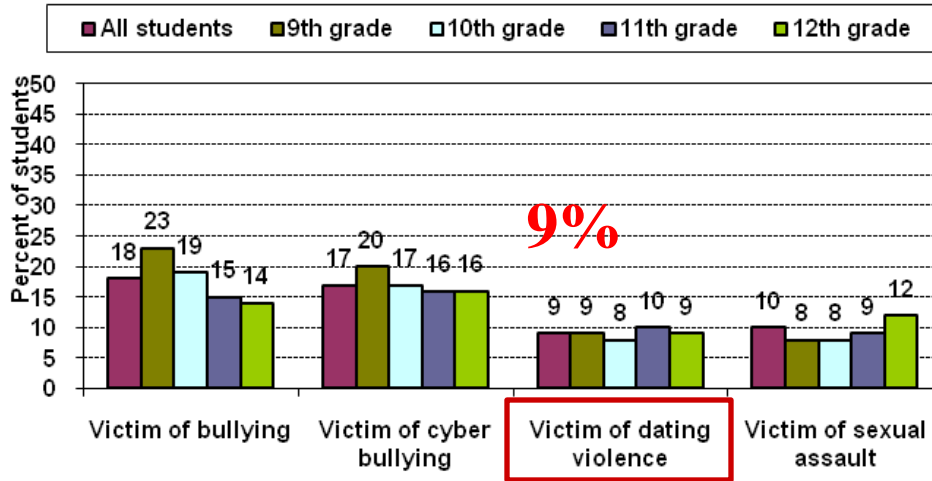
■ All students
 ■ 9th grade
 ■ 10th grade
 ■ 11th grade
 ■ 12th grade



Dating Violence

YRBS 2011

DHS 2013



4. Has a date or someone you were going out with ever hurt you physically?

		Never Been on a Date	No	Yes
Gender	Female	25.7	67.5	6.8
	Male	26.0	71.6	2.5
Grade	9th	37.1	59.6	3.3
	10th	30.9	67.6	1.4
	11th	16.1	77.4	6.6
	12th	17.7	75.3	7.0
Overall	Overall	25.5	69.7	4.8

Parents Allowing Underage Drinking

6. During the past 12 months, have you attended parties held in Dedham homes where parents/guardians allowed under age drinking?

		No	Occasionally	Frequently	Not Sure
Gender	Female	74.4	13.9	3.2	8.4
	Male	73.9	16.9	3.2	6.0
Grade	9th	85.3	6.7	1.3	6.7
	10th	76.3	16.5	2.2	5.0
	11th	67.6	19.9	3.7	8.8
	12th	67.5	18.5	5.7	8.3
Overall	Overall	74.3	15.2	3.3	7.1