



Barrington  
Adult Youth Team  
Drug-Free Community

Biannual Youth Survey  
Report 2017

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## **PROGRAM OVERVIEW**

### **The BAY Team**

The Barrington Adult Youth Team (BAY Team) is the city of Barrington's substance abuse prevention task force. The BAY Team is led by Kathleen Sullivan (Program Director) and Kristen Westmoreland (Program Manager) and is composed of numerous sectors of the community including local businesses, youth organizations, schools, citizens, faith community, parents, human services agencies, local government, and law enforcement. Its mission is to promote a safe and healthy Barrington through collaboration and communication.

The prevention efforts of the BAY Team include environmental prevention strategies such as media marketing campaigns that challenge youth perception about alcohol and drug use; strengthening law enforcement efforts; supporting local ordinance change; and strengthening enforcement of the new policies. In addition to these strategies, the BAY Team implements evidence-based prevention education in the Barrington School District and throughout the community, and offers safe alternative activities for youth.

The BAY Team is a recipient of the five-year Drug-Free Communities Support Program (DFC) grant. The DFC is a collaborative effort between the Executive Office of the President, Office of National Drug Control Policy (ONDCP), and the Substance Abuse and Mental Health Services Administration (SAMHSA). Grant awards are made available through SAMHSA with funding from ONDCP. The funding is established in an effort to address two major goals: 1) Establish and strengthen collaboration among communities, private nonprofit agencies, and Federal, State, and local and tribal governments to support the efforts of community coalitions to prevent and reduce substance abuse among youth; and 2) Reduce substance abuse among youth and, over time, among adults by addressing the factors in a community that increase the risk of substance abuse and promoting the factors that minimize the risk of substance abuse.

The youth survey reported in this document was administered as part of the DFC evaluation requirement.

### **Project Goals and Related Program Activities**

The primary goals of the BAY Team are to reduce alcohol and illicit drug use among youth in Barrington, and to reduce adult acceptance of teen drinking and other illegal drug use in the community. To reach these goals, the BAY Team is addressing the factors in the community that increase the risk of substance abuse, promoting the factors that minimize the risk of substance abuse, improving local policies, and strengthening law enforcement efforts.

### **Youth Survey**

The Barrington Risk and Protective Factor Youth Survey is based on the Communities That Care (CTC) Youth Survey, with a set of additional questions tailored to meet the needs and issues relevant to Barrington Youth and the program objectives of the BAY Team. In 2009, these additional questions pertained to extracurricular activities, seat-belt safety, and alcohol-related behaviors, such as how the participant obtained alcohol the last time s/he drank, as well as the location where s/he last drank. In 2011, the BAY Team administered the same set of questions as in 2009 with an added supplemental questionnaire assessing students' use of and access to prescription drugs. The BAY Team altered the Barrington Risk and Protective Factor Youth Survey for the 2013 administration to accommodate the 2012 changes to DFC core measures. In 2015, the BAY Team incorporated questions related to electronic cigarette use and perceptions including past 30 day use of various

tobacco and marijuana products.

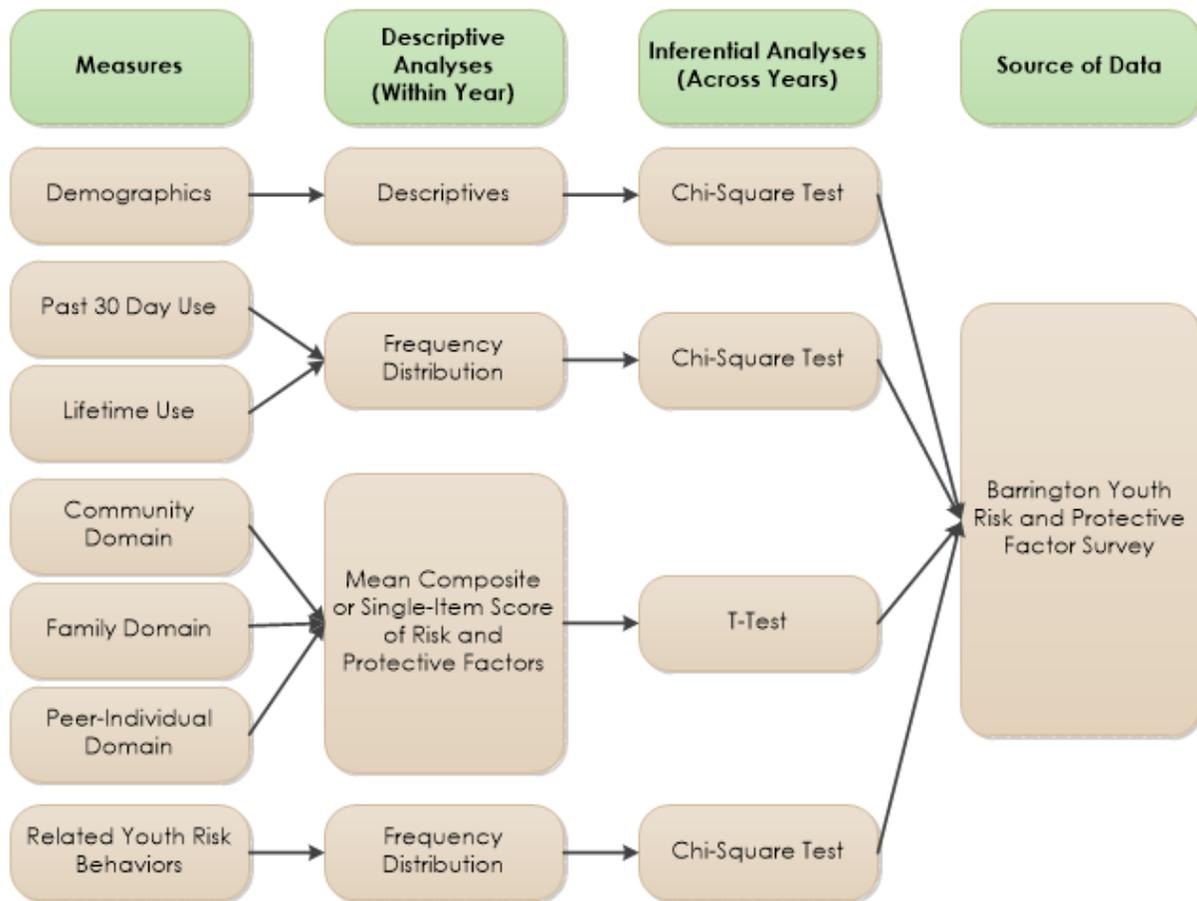
The Youth Survey was administered to all students attending the Barrington Middle School and High School. For the 2017 survey administration, data was collected from 832 students at the high school level and 709 students at the middle school level.

The results presented in this report are from the fifth administration of the Youth Survey. This survey was administered in Years 1, 3, and 5 of the first five-year DFC grant period and Years 2 and 4 of the second five-year grant period. Tracking changes in behavior over time will provide important feedback on long-term behavioral changes.

### Outcome Evaluation

Several outcome measures were utilized in the evaluation. All measures were taken from the Barrington Risk and Protective Factor Youth Survey. The measurement model below shows the constructs that were measured, the tests that were conducted on the measures, and the source from which the data were drawn.

### Outcome Measurement Model



## EVALUATION RESULTS

### Demographics

Figure 1. Age



Figure 2. Number of Students per School

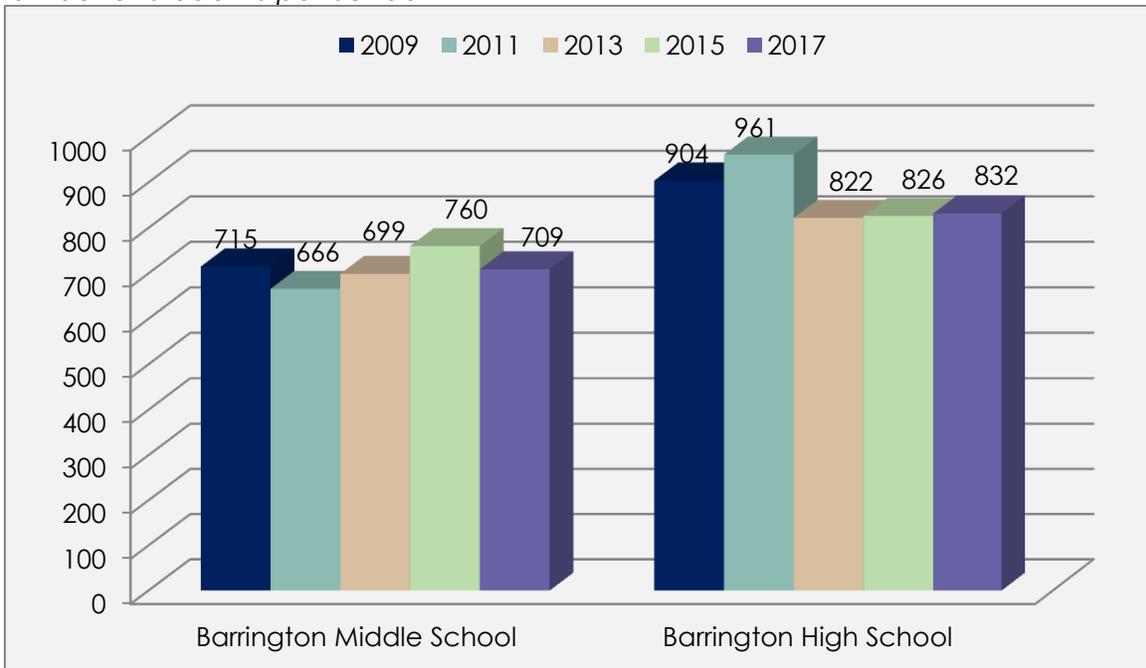


Figure 3. Current Grade Level

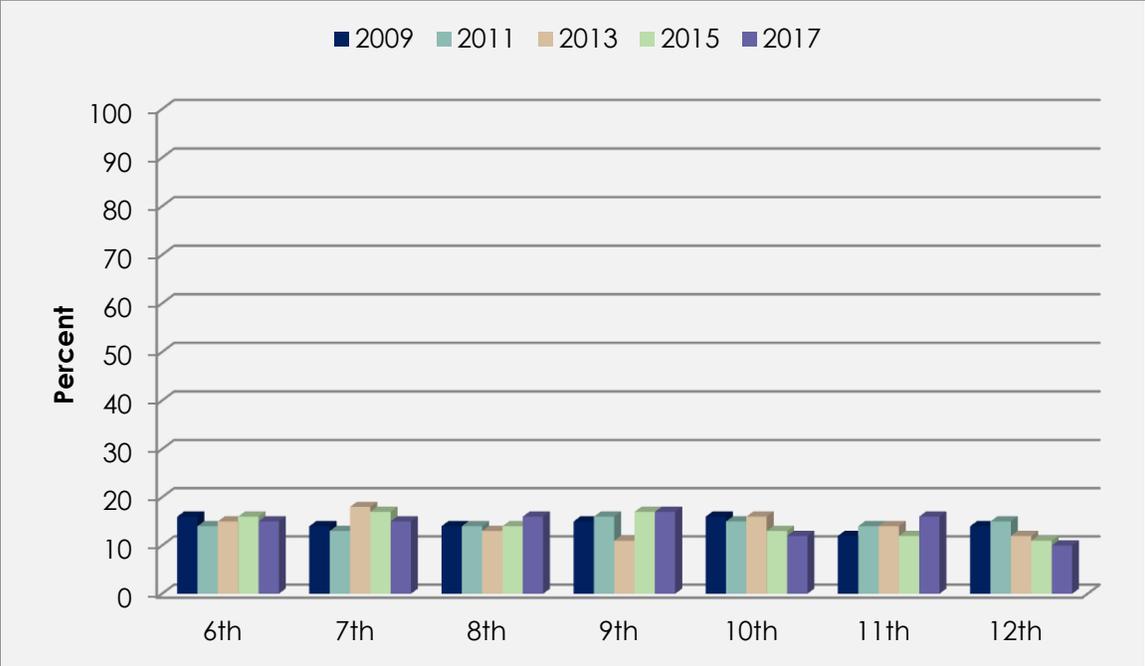


Figure 4. Gender

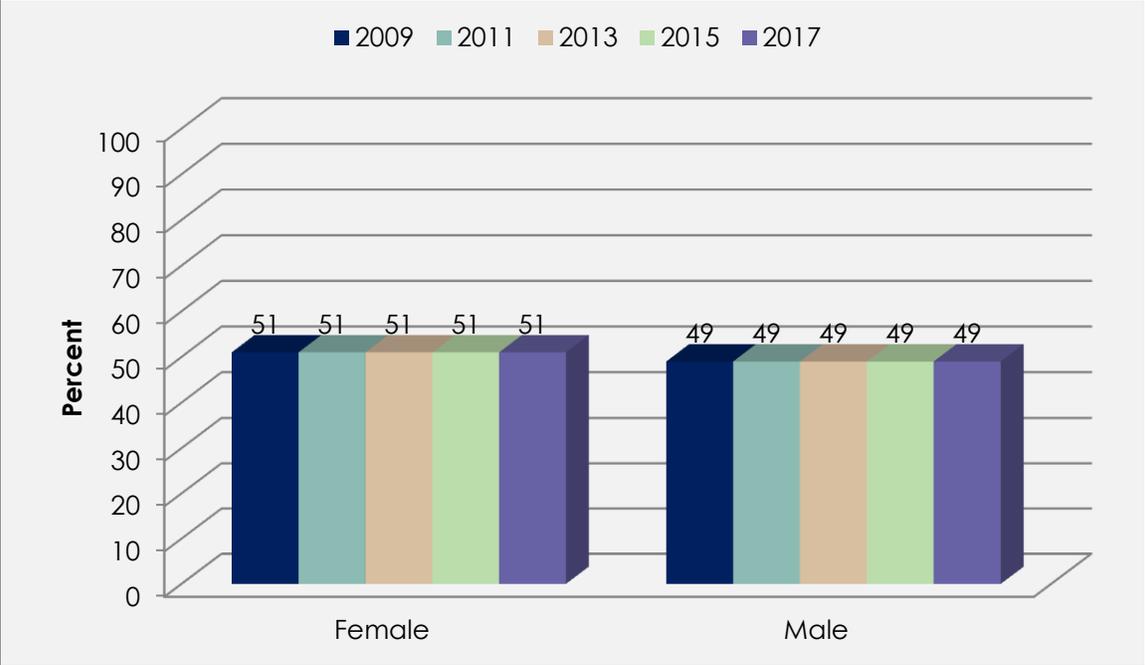


Figure 5. Ethnicity

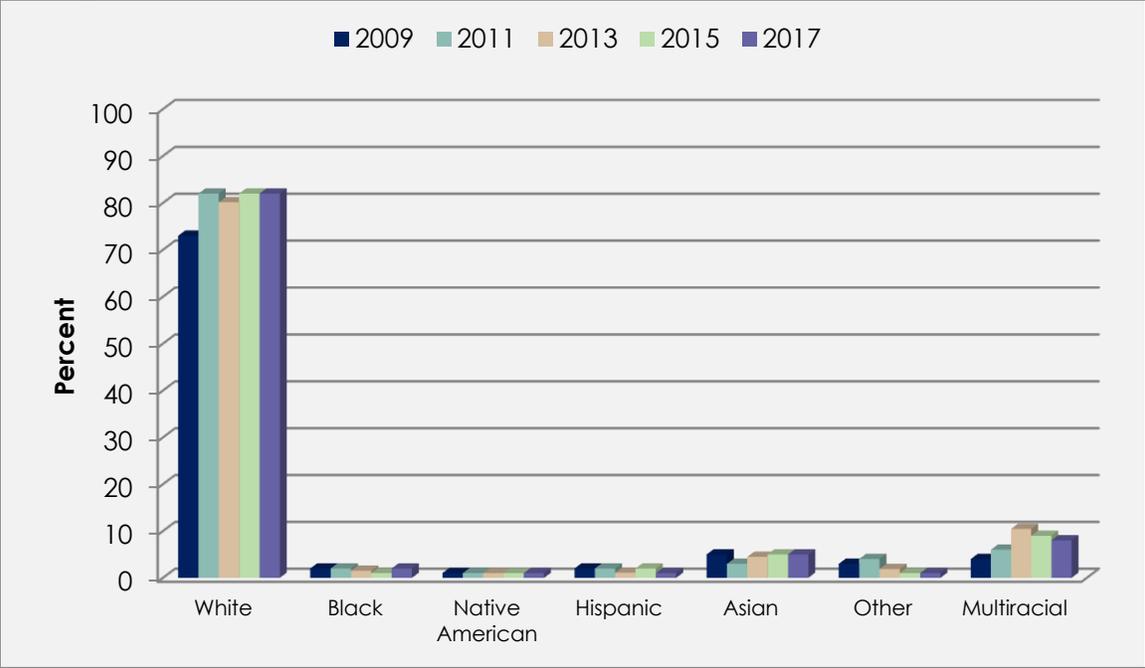


Figure 6. What Were Your Grades Like Last Year?



## DFC Four Core Measures

### Past 30 Day Use

Table 1a. Past 30 Day Use of Alcohol by Grade and School 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6	99	99	99	99	98	<1	<1	<1	<1	1	<1	<1	0	0	<1	0	0	0	0	0
7	97	99	97	99	98	2	<1	2	1	2	<1	<1	<1	0	<1	0	0	0	0	0
8	89	94*	93	97*	94*	9	5	5	3	5	1	<1	1	<1	<1	<1	<1	1	0	<1
BMS	95	97	97	98*	97	4	2	3	1	3	<1	<1	<1	<1	<1	<1	<1	<1	0	<1
9	85	80	94*	94*	88	9	14	3	5	10	4	2	2	<1	2	1	2	0	0	<1
10	73	78	83*	70	78	16	13	12	19	16	6	6	2	6	4	2	<1	<1	4	2
11	72	68	65	67	68	15	21	22	23	20	7	5	9	7	8	3	2	<1	<1	2
12	49	47	52	57	49	18	29	28	25	24	14	12	10	13	19	8	6	7	3	7
BHS	70	68	74	75*	73	14	19	16	16	16	7	6	6	6	7	3	3	2	2	3

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 1b. Past 30 Day Use of Alcohol by Grade and School 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	<1	0	0	0	0	0	<1	0	0
8	<1	0	0	0	0	<1	0	0	0	0	0	<1	0	0	0
BMS	<1	0	0	0	0	<1	0	0	0	0	0	<1	<1	0	0
9	<1	<1	<1	0	0	0	<1	0	0	0	<1	<1	0	0	0
10	1	<1	1	<1	0	1	0	<1	<1	0	<1	2	<1	<1	0
11	1	3	<1	1	2	0	0	0	<1	0	3	2	2	<1	<1
12	6	3	1	<1	1	<1	<1	2	<1	0	6	2	0	<1	0
BHS	2	2	<1	<1	<1	<1	<1	<1	<1	0	3	2	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 2a. Past 30 Day Use of Alcohol by Gender 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	80	80	81	86*	83	10	11	12	9	10	4	4	4	3	5	2	2	2	1	1
Female	82	80	87*	86*	84	10	13	8	10	10	5	4	3	3	3	2	1	<1	<1	1

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 2b. Past 30 Day Use of Alcohol by Gender 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	1	1	<1	<1	<1	<1	<1	<1	<1	0	2	2	<1	<1	0
Female	2	1	<1	<1	<1	<1	<1	0	<1	0	<1	<1	<1	0	0

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 3a. Past 30 Day Use of Marijuana by Grade and School 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	99	100	99	100	100	<1	0	0	0	<1	0	0	0	0	0	0	0	<1	0	0
7th	100	98	100	100	99	<1	<1	0	0	<1	0	<1	0	0	0	0	0	0	<1	0
8th	96	98	90*	100*	96	2	1	3	<1	<1	<1	<1	2	0	1	0	0	<1	0	<1
BMS	98	99	97	100*	99	1	<1	<1	<1	<1	<1	<1	<1	0	<1	0	0	<1	<1	<1
9th	91	84*	91	96*	95	3	7	4	2	2	2	3	2	1	1	1	<1	2	<1	<1
10th	82	81	89*	82	81	9	9	5	5	13	1	3	2	3	3	1	3	<1	3	0
11th	72	74	73	84*	82*	12	6	10	6	9	3	8	4	4	3	4	4	5	2	3
12th	56	64	72*	76*	69*	15	10	14	8	13	10	9	4	5	3	6	5	3	3	3
BHS	76	76	81*	86*	83*	9	8	8	5	8	4	6	3	3	2	3	3	3	2	1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 3b. Past 30 Day Use of Marijuana by Grade and School 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	<1	0	0	0	0	<1	0	<1	0	0	0	0	0	0	0
7th	0	0	<1	0	0	0	0	0	0	0	0	<1	0	0	0
8th	1	0	3	0	<1	0	0	1	0	0	<1	<1	0	0	<1
BMS	<1	0	<1	0	<1	0	0	<1	0	0	<1	<1	0	0	<1
9th	<1	1	2	0	0	0	<1	0	0	<1	2	4	0	<1	<1
10th	3	<1	<1	4	<1	2	1	0	1	<1	2	3	1	2	2
11th	3	2	3	1	<1	2	<1	1	2	0	5	4	3	<1	2
12th	5	3	2	4	2	3	5	1	2	6	6	5	3	2	5
BHS	3	2	2	2	<1	2	2	<1	1	1	4	4	2	1	2

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 4a. Past 30 Day Use of Marijuana by Gender 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	83	81	85	92*	88*	5	6	5	2	5*	2	5	3	2	2	2	2	2	1	1
Female	88	90	91*	93*	92*	6	4	5	3	5*	2	2	1	1	1	2	2	1	1	<1

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 4b. Past 30 Day Use of Marijuana by Gender 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	2	2	2	1	<1	1	1	<1	<1	1	4	4	2	<1	2*
Female	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

\* Difference from 2009 response is significant at the 0.05 level.

Table 5a. Past 30 Day Use of Cigarettes by Grade and School Not at all- About one-half pack per day (in percent)

	<u>Not at all</u>					<u>Less than one cigarette per day</u>					<u>One to five cigarettes per day</u>					<u>About one-half pack per day</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	100	100	99	100	100	<1	<1	1	0	0	0	0	0	0	0	0	0	0	0	0
7th	100	99	100	100	100	<1	1	0	<1	0	0	0	0	<1	0	0	0	0	0	0
8th	96	98	95	99*	98	4	2	4	<1	1	<1	0	1	0	<1	0	0	<1	0	0
BMS	98	99	98	99	99	1	1	1	<1	<1	<1	0	<1	0	<1	0	0	<1	0	0
9th	95	96	97	99*	98*	4	2	2	<1	<1	<1	1	0	0	<1	0	<1	0	0	0
10th	85	92*	97*	89	97*	9	4	2	8	2	4	3	<1	2	<1	1	<1	0	<1	0
11th	81	84	92*	94*	96*	9	8	4	3	3	5	5	<1	1	<1	3	2	<1	0	0
12th	78	78	87	94*	91*	14	13	9	4	7	4	4	2	1	2	2	3	1	0	0
BHS	85	88	93*	94*	96*	9	7	4	4	3	3	3	<1	1	<1	2	1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 5b. Past 30 Day Use of Cigarettes by Grade and School About one pack per day- Two packs or more per day (in percent)

	<u>About one pack per day</u>					<u>About one and one-half packs per day</u>					<u>Two packs or more per day</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	0	<1	<1
7th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	0	0	0	0	<1	0	0	0	0	0	0	0	0	<1	0
BMS	0	0	0	0	<1	0	0	0	0	0	0	0	0	<1	<1
9th	0	0	<1	0	0	0	0	0	0	0	0	<1	<1	<1	0
10th	<1	<1	0	0	0	0	0	0	0	0	0	0	<1	0	0
11th	2	<1	<1	<1	0	0	<1	0	<1	0	0	<1	<1	0	0

	<u>About one pack per day</u>					<u>About one and one-half packs per day</u>					<u>Two packs or more per day</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
12th	2	<1	<1	<1	0	0	0	0	0	0	0	<1	<1	0	0
BHS	1	<1	<1	<1	0	0	<1	0	<1	0	0	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 6a. Past 30 Day Use of Cigarettes by Gender Not at all- About one-half pack per day (in percent)

	<u>Not at all</u>					<u>Less than one cigarette per day</u>					<u>One to five cigarettes per day</u>					<u>About one-half pack per day</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	90	91	93*	96*	97*	6	5	4	3	3	3	2	<1	<1	<1	1	1	<1	0	0
Female	92	94	97*	98*	98*	6	4	2	2	1	1	1	<1	0	<1	<1	<1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 6b. Past 30 Day Use of Cigarettes by Gender About one pack per day- Two packs or more per day (in percent)

	<u>About one pack per day</u>					<u>About one and one-half packs per day</u>					<u>Two packs or more per day</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	<1	<1	<1	<1	<1	0	<1	0	<1	<1	0	<1	<1	<1	<1
Female	<1	<1	<1	0	0	0	<1	0	0	0	0	<1	0	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 7a. Past 30 Day Use of Prescription Drugs by Grade and School 0-9 Times (in percent)

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	97	98	98	100*	99	3	1	1	0	<1	<1	<1	<1	0	<1	0	0	0	0	0
7th	96	98	100	99*	100*	2	<1	<1	<1	0	2	<1	0	0	0	<1	0	0	0	0
8th	95	96	97	99*	97	2	2	2	<1	3	2	<1	<1	0	0	0	<1	<1	0	0

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
BMS	95	98*	98*	99*	99*	2	1	1	<1	1	1	<1	<1	0	<1	<1	<1	<1	0	0
9th	89	93	96*	98*	98*	7	1	3	1	1	2	2	1	0	0	<1	2	0	<1	<1
10th	89	90	95*	98*	98*	6	4	4	2	2	1	2	<1	0	0	3	1	<1	0	0
11th	88	91	93	96*	99*	7	4	4	2	1	<1	2	1	0	0	2	<1	0	<1	0
12th	82	93*	94*	99*	97*	8	4	2	<1	3	2	<1	2	0	0	3	<1	1	0	<1
BHS	87	92*	94*	98*	98*	7	3	3	1	2	1	2	1	0	0	2	1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 7b. Past 30 Day Use of Prescription Drugs by Grade and School 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	<1	0	<1
7th	0	0	0	0	0	0	<1	0	0	0	0	0	0	0	0
8th	0	0	0	0	0	0	0	0	0	<1	1	0	0	<1	<1
BMS	0	0	0	0	0	0	0	0	0	<1	<1	<1	<1	<1	<1
9th	<1	<1	0	<1	0	0	<1	0	0	0	<1	<1	0	0	0
10th	<1	1	0	0	0	0	1	0	0	0	0	<1	0	0	<1
11th	2	<1	<1	<1	0	0	0	0	<1	0	1	1	<1	<1	0
12th	2	0	0	0	0	1	<1	0	0	0	2	<1	0	0	0
BHS	1	<1	<1	<1	0	<1	<1	0	<1	0	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 8a. Past 30 Day Use of Prescription Drugs by Gender 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	91	94	96*	98*	98*	4	2	3	<1	<1	1	1	<1	0	<1	2	<1	<1	<1	<1
Female	91	94	97*	99*	98*	5	3	2	<1	2	1	1	<1	0	0	1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

Note –This item was added as a new DFC core measure in 2012.

\* Difference from 2009 response is significant at the 0.05 level.

Table 8b. Past 30 Day Use of Prescription Drugs by Gender 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	<1	<1	<1	<1	0	<1	<1	0	<1	<1	1	<1	<1	<1	<1
Female	<1	<1	0	0	0	<1	<1	0	0	0	<1	<1	0	0	0

Note – Numbers may not add up to 100% due to rounding.

Note –This item was added as a new DFC core measure in 2012.

\* Difference from 2009 response is significant at the 0.05 level.

### Perception of Risk

Table 9. Perceived Risk of Harm of Taking One or Two Drinks of Alcohol Nearly Every Day by Grade and School (in percent)

	No risk					Slight risk					Moderate risk					Great risk				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	1	9	8	2	6	10	6	3	8	10	24	22	7	20	19	65	63	82	70	65
7th	4	4	9	2	3	7	6	5	4	7	29	22	16	21	22	61	68	71	73	67
8th	4	5	8	4	3	10	10	8	8	9	30	24	19	17	23	56	60	65	73	65
BMS^	3	6	8	2	4	9	8	5	6	9	28	22	14	20	21	61	64	73	72	66
9th	4	4	3	2	2	13	12	10	14	13	26	25	20	23	27	57	60	66	61	59
10th	3	4	4	4	5	17	11	9	12	9	30	31	30	30	29	50	54	57	54	58
11th	4	7	6	10	5	12	13	15	12	16	23	32	25	30	28	62	49	54	49	51
12th+^	11	6	7	6	6	19	15	19	13	17	25	35	33	37	38	44	44	41	44	39
BHS	5	5	5	5	4	15	13	13	13	13	26	31	28	29	29	53	52	54	53	53

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

Table 10. Perceived Risk of Harm of Taking One or Two Drinks of Alcohol Nearly Every Day by Gender (in percent)

	No risk					Slight risk					Moderate risk					Great risk				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	5	6	9	6	6	15	15	13	11	13	29	27	20	24	26	50	52	58	59	55
Female	3	4	4	2	2	10	7	7	9	10	25	27	22	24	25	62	62	67	66	62

Note – Numbers may not add up to 100% due to rounding.

Table 11. Perceived Risk of Harm of Taking Five or More Drinks of Alcohol Once or Twice a Week by Grade and School (in percent)

	No risk			Slight risk			Moderate risk			Great risk		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	8	3	5	1	3	5	5	16	14	85	79	76
7th	8	2	3	2	2	3	10	14	17	80	82	77
8th	8	3	1	4	4	6	16	11	19	72	83	74
BMS	8	2	3	2	3	4	10	13	16	79	82	76
9th	3	3	2	4	4	6	15	22	25	77	71	67
10th	3	4	3	7	9	7	22	27	24	68	60	66
11th	5	7	5	9	13	13	26	25	26	61	55	56
12th	6	7	5	16	11	14	35	27	38	44	55	42
BHS	4	5	4	9	9	10	25	25	27	63	61	59

Note – Numbers may not add up to 100% due to rounding.

Note –This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 12. Perceived Risk of Harm of Taking Five or More Drinks of Alcohol Once or Twice a Week by Gender (in percent)

	No risk			Slight risk			Moderate risk			Great risk		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	8	5	4	8	6	9	19	19	23	65	69	64
Female	3	2	3	4	6	6	17	21	23	75	72	69

Note – Numbers may not add up to 100% due to rounding.

Note –This item was added as a new DFC core measure in 2012.

Table 13. Perceived Risk of Harm of Marijuana: Smoke Once or Twice a Week by Grade and School (in percent)

	<u>No risk</u>					<u>Slight risk</u>					<u>Moderate risk</u>					<u>Great risk</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th*~	3	9	8	2	6	1	1	1	3	5	7	8	10	20	17	89	82	81	75	71
7th*~	4	3	9	3	4	<1	2	5	5	8	5	5	10	17	24	91	89	76	76	63
8th*~	4	5	16	4	5	4	5	9	7	13	19	14	14	19	29	73	76	61	71	53
BMS*~	3	6	11	3	5	2	3	5	5	9	10	9	11	18	24	85	82	73	74	63
9th+*~	6	7	11	5	8	9	16	18	14	18	22	28	20	25	30	64	50	50	56	45
10th	5	11	11	15	7	24	23	25	22	24	24	29	32	29	35	47	37	31	34	34
11th*^	8	13	23	15	11	18	26	29	29	24	31	29	26	32	32	43	32	22	24	33
12th~	14	13	27	17	27	34	27	29	34	35	21	28	28	28	25	30	32	16	22	13
BHS+*^~	8	11	18	12	12	21	23	26	23	24	24	28	27	28	31	47	38	29	36	33

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

\*Difference in 2013 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

Table 14. Perceived Risk of Harm of Marijuana: Smoke Once or Twice a Week by Gender (in percent)

	<u>No risk</u>					<u>Slight risk</u>					<u>Moderate risk</u>					<u>Great risk</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male*~	9	12	20	10	12	15	18	17	17	19	20	19	19	22	27	56	51	44	51	43
Female*^~	3	6	9	5	6	11	12	16	13	16	16	22	21	24	28	70	60	54	58	50

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

\*Difference in 2013 response from 2009 response of “moderate risk” or “great risk” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.  
 ~Difference in 2017 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.

Table 15. Perceived Risk of Harm of Using Cigarettes by Grade and School (in percent)

	No risk					Slight risk					Moderate risk					Great risk				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th*~	1	8	7	<1	4	2	3	2	3	5	13	13	7	11	14	84	77	84	85	77
7th	2	3	9	2	5	3	3	1	2	2	10	9	6	11	12	85	85	84	86	82
8th*	3	4	8	2	2	3	5	5	2	4	19	17	9	9	14	75	74	77	88	80
BMS*	3	5	8	2	4	3	3	3	2	4	14	13	8	10	13	81	79	82	86	79
9th	3	2	4	2	2	5	4	2	5	4	17	16	11	12	15	76	78	83	81	79
10th	2	2	2	4	2	5	5	3	4	3	15	12	16	9	10	78	81	78	84	85
11th	2	3	3	7	3	4	4	4	4	5	17	13	10	10	8	77	80	84	79	83
12th	4	3	3	3	5	4	3	2	2	<1	16	13	13	9	8	76	82	82	86	86
BHS	3	3	3	4	3	4	4	3	4	4	16	14	13	10	11	77	80	81	82	83

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.

Table 16. Perceived Risk of Harm of Using Cigarettes by Gender (in percent)

	No risk					Slight risk					Moderate risk					Great risk				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	3	4	7	4	4	4	4	3	3	5	19	16	11	12	13	73	76	79	82	78
Female	2	3	3	1	2	3	3	2	3	3	12	11	10	9	11	84	83	85	87	84

Note – Numbers may not add up to 100% due to rounding.

Table 17. Perceived Risk of Harm of Using Prescription Drugs by Grade and School (in percent)

	No risk			Slight risk			Moderate risk			Great risk		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	9	1	4	2	5	8	7	17	19	83	77	69
7th	8	2	3	3	4	1	7	15	16	82	79	80

	<u>No risk</u>			<u>Slight risk</u>			<u>Moderate risk</u>			<u>Great risk</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
8th	8	4	<1	8	2	6	14	13	17	70	82	76
BMS	8	2	3	4	4	5	9	15	18	78	79	75
9th	3	2	1	7	4	3	23	18	15	67	76	81
10th	2	3	2	5	4	2	25	19	13	68	75	82
11th	3	7	4	10	8	6	25	20	12	62	65	77
12th	5	2	3	10	5	2	26	22	22	59	70	73
BHS	3	3	3	8	5	4	25	20	15	64	72	79

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 18. Perceived Risk of Harm of Using Prescription Drugs by Gender (in percent)

	<u>No risk</u>			<u>Slight risk</u>			<u>Moderate risk</u>			<u>Great risk</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	7	4	3	7	5	6	19	19	18	66	72	73
Female	3	1	2	5	4	3	16	16	13	75	79	82

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

### Perception of Parental Disapproval

Table 19. Perception of Parent Disapproval of Using Alcohol by Grade and School (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	94	97	93	91	89	3	2	2	6	8	1	<1	<1	<1	0	<1	<1	5	2	3
7th*	94	92	87	90	88	5	5	4	7	8	<1	2	2	2	2	<1	1	6	1	2
8th	89	89	84	87	85	8	7	9	8	9	2	3	4	2	3	<1	<1	3	2	3
BMS*~	92	93	88	89	87	6	5	5	7	9	1	2	2	2	2	<1	<1	5	2	3
9th^	83	80	84	84	88	14	16	10	7	7	2	3	4	4	3	<1	<1	3	5	2

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
10th <sup>^</sup>	72	78	81	76	84	23	15	13	14	10	4	6	2	6	4	<1	1	5	4	2
11th	78	72	80	79	76	16	22	12	16	15	4	5	5	1	5	2	1	3	4	5
12th*	61	56	74	69	76	23	29	16	20	13	11	13	6	7	8	5	2	4	5	3
BHS	73	71	78	78	82	19	20	13	13	11	6	7	4	5	4	2	2	3	5	3

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

<sup>^</sup>Difference in 2015 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

Table 20. Perception of Parent Disapproval of Using Alcohol by Gender (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	79	78	87	80	81	15	15	7	12	12	4	5	4	4	4	2	2	2	4	3
Female	84	81	80	86	87	12	14	12	9	7	3	5	2	2	3	<1	<1	6	2	3

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

Table 21. Perception of Parent Disapproval of Smoking Marijuana by Grade and School (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	96	99	95	95	96	1	0	<1	3	3	1	<1	0	<1	0	1	<1	5	1	1
7th*	99	96	91	96	91	<1	3	2	3	6	<1	0	<1	<1	1	<1	1	6	<1	1
8th*~	94	95	87	93	85	4	2	7	4	10	<1	1	1	1	3	<1	1	4	1	2
BMS*	97	97	91	95	91	2	2	3	3	6	<1	<1	<1	<1	2	1	<1	6	1	1
9th	85	80	85	84	83	9	12	12	9	9	4	4	3	4	5	2	3	<1	2	3
10th* <sup>^</sup>	82	75	77	69	75	13	16	12	19	17	5	7	6	8	5	<1	2	4	4	2
11th	79	72	68	72	71	10	16	19	15	17	8	8	10	8	8	2	4	3	5	4

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
12th	70	67	63	60	58	16	17	26	22	22	10	11	7	13	14	4	5	4	5	6
BHS^	79	74	73	73	74	12	16	17	15	15	7	7	7	8	7	2	3	3	4	4

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

Table 22. Perception of Parent Disapproval of Smoking Marijuana by Gender (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	84	79	75	81	84	9	12	13	10	10	5	5	6	5	4	2	3	6	4	2
Female~	89	86	87	85	79	7	8	9	10	13	3	4	3	4	5	<1	2	2	2	3

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

~Difference in 2017 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

Table 23. Perception of Parent Disapproval of Smoking Tobacco by Grade and School (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th*	96	98	95	93	94	3	0	0	5	4	0	1	<1	<1	<1	<1	<1	5	1	1
7th*	96	95	92	96	95	3	4	2	3	4	<1	<1	0	<1	0	<1	<1	6	<1	<1
8th*	93	95	90	93	93	6	4	5	4	5	<1	<1	3	1	<1	<1	<1	3	1	1
BMS*	95	96	92	94	94	4	3	2	4	4	<1	<1	<1	<1	<1	<1	<1	5	<1	1
9th	92	92	91	88	88	4	6	6	8	7	3	<1	2	2	3	1	2	2	2	1
10th	82	84	83	81	88	13	13	11	13	10	5	2	2	3	1	0	<1	4	2	1
11th	83	81	86	85	80	10	13	10	9	16	5	4	3	2	3	2	3	2	4	1
12th	74	73	74	77	78	16	17	17	15	17	6	8	7	5	2	4	2	3	3	2

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
BHS~	82	82	84	83	84	11	12	11	11	12	5	4	4	3	3	2	2	2	3	2

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

Table 24. Perception of Parent Disapproval of Smoking Tobacco by Gender (in percent)

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male~	85	86	83	86	85	9	8	9	8	11	4	2	3	3	2	2	<1	5	3	2
Female	90	89	91	91	92	7	9	5	7	6	2	3	2	1	1	<1	2	1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

Table 25. Perception of Parent Disapproval of Using Prescription Drugs by Grade and School (in percent)

	<u>Very Wrong</u>				<u>Wrong</u>				<u>A Little Bit Wrong</u>				<u>Not Wrong at All</u>			
	11	13	15	17	11	13	15	17	11	13	15	17	11	13	15	17
6th	81	93	94	92	15	3	4	6	2	0	<1	<1	2	5	<1	1
7th^~	81	90	97	93	13	3	2	5	5	0	<1	<1	<1	6	0	<1
8th	77	92	92	93	19	5	6	5	2	<1	0	<1	2	2	1	1
BMS^~	80	91	94	92	16	4	4	6	3	<1	<1	<1	2	5	<1	1
9th^~	72	90	91	95	18	7	6	4	6	1	<1	0	3	1	2	1
10th~	74	86	90	95	19	9	7	4	5	2	2	0	2	3	2	1
11th~	72	86	90	90	22	11	5	8	4	<1	2	0	3	2	4	2
12th	79	89	88	87	15	8	8	10	4	1	2	2	2	2	2	1
BHS*^~	74	88	90	92	19	9	6	6	5	1	1	<1	3	2	2	2

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2011 response of “very wrong” or “wrong” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “very wrong” or “wrong” is significant at the 0.05 level.

Table 26. Perception of Parent Disapproval of Using Prescription Drugs by Gender (in percent)

	Very Wrong				Wrong				A Little Bit Wrong				Not Wrong at All			
	11	13	15	17	11	13	15	17	11	13	15	17	11	13	15	17
Male	78	92	90	91	15	5	7	6	4	<1	1	<1	3	1	2	2
Female	75	87	93	93	20	8	5	6	4	<1	<1	0	1	5	1	1

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

### Perception of Peer Disapproval

Table 27. Perception of Peer Disapproval of Using Alcohol by Grade and School (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	88	88	87	3	8	10	1	<1	2	7	3	1
7th	88	87	72	7	9	11	1	1	2	4	2	<1
8th	69	81	60	15	14	20	6	1	4	10	3	3
BMS	82	86	82	8	11	14	3	1	3	7	3	1
9th	60	70	60	23	21	29	8	6	8	8	3	3
10th	55	42	54	23	27	28	12	23	9	11	8	8
11th	47	44	51	28	32	27	16	16	13	9	8	10
12th	28	33	28	38	38	41	24	22	17	11	7	14
BHS	48	50	50	27	28	30	15	16	11	10	6	9

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 28. Perception of Peer Disapproval of Using Alcohol by Gender (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	54	61	58	22	22	26	13	10	10	11	6	6
Female	73	71	71	15	18	20	6	7	5	6	3	4

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

Table 29. Perception of Peer Disapproval of Smoking Marijuana by Grade and School (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	89	95	91	4	2	7	<1	<1	<1	7	3	2
7th	89	88	87	5	7	9	2	2	3	4	2	1
8th	64	82	69	8	12	17	9	2	9	19	4	5
BMS	81	89	82	6	7	12	4	1	4	9	3	2
9th	55	65	55	16	20	20	15	9	17	13	5	8
10th	42	33	40	20	26	17	18	20	23	20	21	20
11th	28	29	32	16	20	19	21	24	25	35	27	25
12th	17	19	13	15	14	15	27	34	27	40	34	45
BHS	35	40	37	17	20	18	20	20	22	28	20	23

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 30. Perception of Peer Disapproval of Smoking Marijuana by Gender (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	48	60	61	15	15	13	12	11	15	25	14	11
Female	63	65	53	9	13	16	14	12	14	13	10	16

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

Table 31. Perception of Peer Disapproval of Smoking Tobacco by Grade and School (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	89	92	89	3	6	9	<1	0	<1	7	3	1
7th	89	88	87	6	7	10	1	3	1	4	2	1
8th	68	85	75	13	10	20	9	<1	3	10	3	2
BMS	83	88	83	7	8	14	3	1	2	7	2	1
9th	64	74	63	21	18	26	8	5	7	7	2	4
10th	55	45	58	27	25	24	7	19	10	11	12	8
11th	54	43	51	21	29	24	12	21	15	13	8	9
12th	32	45	34	29	29	26	24	16	27	15	11	13
BHS	51	54	53	24	24	25	13	14	13	12	8	9

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 32. Perception of Peer Disapproval of Smoking Tobacco by Gender (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	56	64	59	19	18	24	10	10	10	14	7	7
Female	74	76	74	13	15	16	7	6	6	5	3	3

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

Table 33. Perception of Peer Disapproval of Using Prescription Drugs by Grade and School (in percent)

	Very Wrong			Wrong			A Little Bit Wrong			Not Wrong at All		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	87	87	86	4	9	10	2	2	2	7	3	2
7th	89	87	90	5	11	7	<1	2	2	5	<1	1
8th	72	86	77	14	8	18	7	2	4	7	4	2
BMS	83	86	84	8	10	12	3	2	2	6	2	2

	<u>Very Wrong</u>			<u>Wrong</u>			<u>A Little Bit Wrong</u>			<u>Not Wrong at All</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
9th	71	81	77	18	14	19	6	3	2	5	2	2
10th	64	62	71	19	24	19	9	11	5	7	4	4
11th	55	58	70	23	24	18	10	13	5	11	5	7
12th	43	62	57	31	22	28	19	13	9	7	3	6
BHS	70	67	70	16	20	20	7	9	5	7	3	5

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

BMS = Barrington Middle School BHS = Barrington High School

Table 34. Perception of Peer Disapproval of using prescription Drugs by Gender (in percent)

	<u>Very Wrong</u>			<u>Wrong</u>			<u>A Little Bit Wrong</u>			<u>Not Wrong at All</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	61	70	70	19	19	21	10	7	5	9	4	4
Female	77	82	83	13	12	12	5	5	2	5	2	3

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added as a new DFC core measure in 2012.

### Logic Model Items

This section reports on results that are related to the BAY Team’s logic model. The BAY Team logic model is available as a separate document provided by the BAY Team. Results already presented in the previous section of the document are not duplicated.

Table 35. Would a kid who drinks alcohol get caught by the police in your neighborhood?

	<u>NO!</u>					<u>no</u>					<u>yes</u>					<u>YES!</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	5	10	6	6	5	24	30	22	23	23	45	36	29	40	40	26	25	42	30	32
7th	7	9	13	7	10	34	30	26	26	35	33	32	33	39	37	26	29	28	28	18
8th+~	15	13	14	5	14	50	41	46	29	39	29	35	23	48	37	6	13	17	19	10
BMS^	9	10	11	6	10	36	33	30	26	32	35	34	29	42	38	20	22	30	26	20

	<u>NO!</u>					<u>no</u>					<u>yes</u>					<u>YES!</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
9th	18	13	14	19	18	52	64	46	43	58	22	18	26	25	17	8	5	14	12	8
10th*^	16	24	13	16	21	63	58	57	72	59	17	14	21	9	13	4	4	9	3	6
11th	19	23	19	21	26	57	60	61	55	56	20	12	16	18	13	5	5	5	6	5
12th~	13	23	24	21	29	68	63	63	66	61	15	10	12	10	6	3	4	1	2	3
BHS+~	13	21	18	19	24	60	61	57	57	58	19	14	18	17	13	5	5	7	7	6

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

\*Difference in 2013 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

Table 36. What are the chances you would be seen as cool if you began drinking alcoholic beverages regularly?

	<u>No chance or very little chance</u>					<u>Little chance</u>					<u>Some chance</u>					<u>Pretty good chance</u>					<u>Very good chance</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	94	92	92	88	90	4	5	5	9	5	1	1	2	3	3	<1	<1	<1	0	0	<1	<1	<1	0	<1
7th	88	85	92	91	84	8	12	5	7	9	3	1	2	1	4	<1	1	0	<1	2	<1	1	<1	0	1
8th*	78	78	65	81	72	12	13	21	12	16	7	7	9	4	7	2	1	4	<1	2	2	<1	2	2	4
BMS	87	85	84	87	82	7	10	9	9	10	4	3	4	3	5	<1	<1	1	<1	1	1	<1	1	<1	2
9th+*^	58	53	71	69	56	17	19	16	19	23	12	20	6	8	11	8	5	3	3	8	6	2	4	<1	1
10th*	44	50	54	39	44	22	17	22	25	21	22	19	14	23	20	8	9	8	10	10	4	5	3	4	6
11th	42	43	44	47	46	19	13	19	18	18	23	21	21	18	22	10	12	10	13	7	7	10	6	3	7
12th	32	31	35	31	27	18	17	20	18	27	23	25	20	27	27	12	16	17	18	13	16	11	8	6	6
BHS*^	44	44	51	49	45	19	17	19	20	22	20	21	15	18	19	9	10	10	10	9	8	7	5	3	5

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of “no chance or very little chance” or “little chance” is significant at the 0.05 level.

\*Difference in 2013 response from 2009 response of “no chance or very little chance” or “little chance” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “no chance or very little chance” or “little chance” is significant at the 0.05 level.

## Substance Use

### Past 30 Day Use

Past 30 Day Use for Alcohol, Marijuana, Cigarettes, and Prescription Drug results are reported in the previous section.

Table 37a. Past 30 Day Use of Prescription Pain Medication by Grade and by School 0-9 Times (in percent)

	0 times				1-2 times				3-5 times				6-9 times			
	11	13	15	17	11	13	15	17	11	13	15	17	11	13	15	17
6th	99	99	99	100	<1	<1	<1	0	<1	0	0	0	0	<1	0	0
7th	98	98	100	100	2	<1	<1	<1	0	0	0	0	0	0	0	0
8th	97	95	99	98	<1	3	0	1	<1	1	0	0	0	0	0	0
BMS	98	98	99	99	1	1	<1	<1	<1	<1	0	0	0	<1	0	0
9th	95	97	99*	100*	2	3	<1	<1	<1	0	0	0	<1	<1	0	0
10th	93	97	97*	99*	3	3	2	1	1	<1	<1	0	<1	0	0	0
11th	90	96*	98*	99*	6	3	2	<1	<1	1	0	0	<1	0	0	0
12th	96	92	99*	97	2	5	<1	3	<1	1	0	0	<1	2	0	0
BHS	93	95	98*	99*	3	3	1	1	<1	<1	<1	0	<1	<1	0	0

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2011 response is significant at the 0.05 level.

Table 37b. Past 30 Day Use of Prescription Pain Medication by Grade and by School 10-40+ Times (in percent)

	10-19 times				20-39 times				40+ times			
	11	13	15	17	11	13	15	17	11	13	15	17
6th	0	0	0	<1	0	0	<1	0	0	0	0	0
7th	<1	<1	0	0	0	0	0	0	0	0	0	0
8th	<1	<1	<1	0	0	0	0	0	<1	0	<1	<1

	<u>10-19 times</u>				<u>20-39 times</u>				<u>40+ times</u>			
	11	13	15	17	11	13	15	17	11	13	15	17
BMS	<1	<1	<1	<1	0	0	<1	0	<1	0	<1	<1
9th	<1	0	<1	0	<1	0	0	0	<1	0	<1	0
10th	2	0	0	0	0	0	0	0	<1	0	0	0
11th	0	0	0	0	0	<1	0	0	2	<1	<1	0
12th	0	0	0	0	0	0	0	0	<1	<1	0	0
BHS	<1	<1	<1	0	<1	<1	0	0	1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2011 response is significant at the 0.05 level.

Table 38a. Past 30 Day Use of Prescription Stimulant/ADHD Medication by Grade and by School 0-9 Times (in percent)

	<u>0 times</u>				<u>1-2 times</u>				<u>3-5 times</u>				<u>6-9 times</u>			
	11	13	15	17	11	13	15	17	11	13	15	17	11	13	15	17
6th	99	100	100	100	<1	0	0	<1	0	0	0	0	0	0	<1	0
7th	99	99	100	100	<1	1	0	<1	0	0	0	0	0	0	0	0
8th	98	98	100	98	<1	<1	<1	<1	<1	<1	0	0	0	0	0	0
BMS	99	99	100	99	<1	<1	<1	<1	<1	<1	0	0	0	0	<1	0
9th	94	99*	100*	100*	2	0	0	0	<1	<1	0	0	<1	0	0	0
10th	95	99*	96	99*	3	1	3	<1	<1	0	1	0	0	0	<1	0
11th	89	93	98*	97*	6	4	<1	2	<1	2	<1	<1	<1	0	<1	<1
12th	93	90	97	92	4	4	2	7	<1	2	<1	<1	0	2	0	0
BHS	93	95*	98*	98*	4	2	1	2	<1	1	<1	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2011 response is significant at the 0.05 level.

Table 38b. Past 30 Day Use of Prescription Stimulant/ADHD Medication by Grade and by School 10-40+ Times (in percent)

	10-19 times				20-39 times				40+ times			
	11	13	15	17	11	13	15	17	11	13	15	17
6th	0	0	0	0	0	<1	0	0	<1	0	0	0
7th	0	0	0	0	<1	0	0	0	0	0	0	0
8th	0	0	0	0	0	<1	0	0	<1	0	0	<1
BMS	0	0	0	0	0	<1	0	0	<1	0	0	<1
9th	0	<1	0	0	1	0	0	0	2	0	<1	0
10th	<1	0	0	0	0	0	0	0	1	0	0	0
11th	<1	0	0	0	0	0	<1	0	2	<1	0	0
12th	<1	<1	0	0	1	0	0	0	<1	<1	0	0
BHS	<1	<1	0	0	<1	0	<1	0	2	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2011 response is significant at the 0.05 level.

Table 39a. Past 30 Day Use of Inhalants by Grade and by School 0-9 Times (in percent)

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	99	99	99	98	99	1	<1	<1	2	<1	0	<1	0	0	0	0	0	0	0	<1
7th	98	97	99	100	98	1	2	<1	<1	2	<1	<1	<1	0	0	<1	0	0	0	0
8th	98	96	99	98	98	1	3	<1	1	2	0	<1	0	<1	0	<1	0	<1	0	0
BMS	98	97	99	99	99	1	2	<1	1	1	<1	<1	<1	<1	0	<1	0	<1	0	<1
9th	96	98	98	99*	99*	2	1	1	<1	<1	0	0	<1	0	0	<1	0	0	0	<1
10th	98	95	99	99	99	2	2	<1	<1	<1	0	<1	0	0	0	<1	1	<1	0	0
11th	96	98	99	98	100*	1	<1	<1	0	0	<1	<1	0	0	0	<1	0	0	0	<1
12th	94	99*	99*	99*	100*	2	<1	<1	<1	0	<1	0	0	0	0	<1	0	<1	0	0
BHS	96	97	99*	99*	99*	2	1	<1	<1	<1	<1	<1	<1	0	0	<1	<1	<1	0	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 39b. Past 30 Day Use of Inhalants by Grade and by School 10-40+ Times (in percent)

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	<1	0	0	0	0	0	0	0	0	0	0	0	0
7th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	0	0	0	0	0	<1	0	0	0	0	0	<1	0	0	0
BMS	0	0	<1	0	0	<1	0	0	0	0	<1	<1	0	0	0
9th	<1	0	0	0	0	0	<1	0	0	0	1	<1	0	0	0
10th	0	<1	0	0	0	<1	0	<1	0	0	0	<1	0	0	0
11th	0	0	0	0	0	<1	<1	0	<1	0	1	<1	0	<1	0
12th	<1	0	0	0	0	0	0	0	0	0	2	<1	0	0	0
BHS	<1	<1	0	0	0	<1	<1	<1	<1	0	1	<1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 40a. Past 30 Day Use of Cocaine/Crack by Grade and by School 0-9 Times (in percent)

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	100	100	99	100	100	0	0	<1	0	0	0	0	0	0	0	0	0	<1	0	0
7th	100	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	99	99	97	100	100	0	<1	<1	0	0	0	<1	<1	0	0	<1	0	0	0	0
BMS	99	99	99	100*	100	0	<1	<1	0	0	0	<1	<1	0	0	<1	0	<1	0	0
9th	98	99	98	100*	100*	<1	<1	0	0	0	0	0	<1	0	0	0	0	<1	0	0
10th	98	97	100	99	99	<1	<1	0	<1	0	<1	0	0	0	0	<1	<1	<1	0	<1

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
11th	96	98	98	98	100*	3	<1	1	0	0	0	<1	0	0	0	0	<1	<1	<1	0
12th	96	99	97	99*	99*	<1	<1	1	0	<1	<1	0	<1	0	0	<1	0	1	0	0
BHS	97	98	98	99*	99*	1	<1	<1	<1	<1	<1	<1	<1	0	0	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 40b. Past 30 Day Use of Cocaine/Crack by Grade and by School 10-40+ Times (in percent)

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	<1	0	0	<1	0	0
7th	0	0	0	0	0	0	<1	0	0	0	0	<1	0	0	0
8th	<1	0	0	0	<1	0	0	0	0	0	0	0	2	0	0
BMS	<1	0	0	0	<1	0	<1	0	0	0	<1	0	<1	0	0
9th	0	0	0	0	0	0	0	0	0	0	1	<1	<1	0	0
10th	0	0	0	0	0	0	0	0	0	0	0	1	0	<1	<1
11th	0	0	0	<1	0	0	0	0	<1	0	2	<1	<1	0	0
12th	<1	0	0	0	0	0	0	0	0	0	<1	<1	<1	<1	0
BHS	<1	0	<1	<1	0	0	0	0	<1	<1	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 41a. Past 30 Day Use of Ecstasy by Grade and by School 0-9 Times (in percent)

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	100	100	100	100	100	0	0	<1	0	0	0	0	0	0	0	0	0	0	0	<1
7th	100	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
8th	99	100	99	100	99	0	0	0	0	<1	0	0	0	0	0	0	<1	0	0	0
BMS	100	100	100	100	100	0	0	<1	0	<1	0	0	0	0	0	0	<1	0	0	0
9th	97	98	98	100*	100*	<1	<1	<1	0	0	<1	0	0	<1	0	<1	<1	<1	0	0
10th	99	97	99	99	99	<1	2	1	0	0	0	<1	0	<1	0	<1	<1	0	0	0
11th	97	98	97	98	100*	2	<1	<1	0	<1	<1	0	<1	0	0	0	<1	0	0	0
12th	98	99	95	100*	100	<1	0	3	0	0	0	0	0	0	0	0	0	1	0	0
BHS	98	98	97	99*	100*	<1	<1	2	0	<1	<1	<1	<1	0	<1	<1	<1	<1	0	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 41b. Past 30 Day Use of Ecstasy by Grade and by School 10-40+ Times (in percent)

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	<1	0	0	0	0
7th	0	<1	0	0	0	0	<1	0	0	0	0	0	0	0	0
8th	<1	0	<1	0	<1	0	0	0	0	0	<1	0	0	0	0
BMS	<1	0	<1	0	<1	0	<1	0	0	0	<1	<1	0	0	0
9th	0	0	0	0	0	0	0	0	0	0	1	<1	<1	0	0
10th	0	0	0	0	0	0	0	0	0	0	0	<1	0	0	<1
11th	0	0	<1	<1	0	0	0	<1	<1	0	<1	<1	<1	<1	0
12th	<1	<1	0	0	0	<1	0	<1	0	0	<1	<1	0	0	0
BHS	<1	<1	<1	<1	0	<1	<1	<1	<1	0	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

### Age of First Use

Table 42a. Age of First Use of Alcohol by Grade and School Never – 13 years old (in percent)

	Never					≤10					11					12					13				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	94	92	97	96	92	4	7	2	1	3	2	<1	<1	3	2	0	<1	0	<1	2	0	0	0	0	0
7th	89	91	95*	94*	90	8	5	2	4	4	1	2	1	<1	3	1	1	1	<1	2	0	1	<1	<1	1
8th	76	87*	83*	88*	83*	8	2	4	2	5	2	1	1	<1	2	6	3	5	<1	3	8	5	6	5	6
BMS	86	90*	92*	93*	89	6	5	3	2	4	5	1	<1	1	2	3	1	2	<1	2	2	2	2	2	2
9th	66	62	80*	82*	74	6	5	6	2	<1	4	2	<1	1	2	6	4	0	2	2	8	7	3	3	6
10th	48	51	67*	51	62*	4	6	1	4	1	3	2	<1	4	<1	4	4	2	4	<1	9	8	2	6	2
11th	40	39	42	53*	50	3	4	<1	3	<1	<1	2	1	0	<1	5	4	2	2	<1	6	6	4	3	3
12th	28	24	29	30	32	2	2	2	1	2	2	2	0	<1	<1	4	1	3	1	1	7	7	5	2	3
BHS	46	45	54*	57*	57*	4	4	2	3	1	2	2	<1	1	1	5	3	2	2	1	7	7	3	4	3

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 42b. Age of First Use of Alcohol by Grade and School 14 – greater than 17 years old (in percent)

	14					15					16					≥17				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<1	<1	0	0	0	<1
7th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	1	<1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	<1	0
BMS	<1	<1	<1	<1	<1	0	0	0	0	0	0	0	0	0	0	<1	0	<1	<1	<1
9th	8	15	8	7	11	2	5	3	2	3	0	0	0	<1	0	<1	0	0	<1	0
10th	13	16	8	13	8	17	13	16	16	20	3	1	3	5	7	<1	0	0	0	0
11th	14	11	12	7	7	18	15	14	16	15	11	17	22	13	21	2	2	1	2	1
12th	11	12	11	5	9	20	18	12	18	18	15	23	20	25	24	12	10	17	17	10

	<u>14</u>					<u>15</u>					<u>16</u>					<u>≥17</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
BHS	11	14	10	8	9	14	12	12	12	13	7	10	12	9	12	3	3	4	4	2

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 43a. Age of First Use of Alcohol by Gender Never – 13 years old (in percent)

	<u>Never</u>					<u>≤10</u>					<u>11</u>					<u>12</u>					<u>13</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	63	62	69*	75*	72*	6	6	4	2	3	3	2	1	2	2	4	3	2	2	2	6	5	3	3	2
Female	65	65	74*	73*	71*	4	3	1	2	1	1	1	<1	<1	2	3	2	2	<1	1	3	5	3	3	4

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 43b. Age of First Use of Alcohol by Gender 14 – greater than 17 years old (in percent)

	<u>14</u>					<u>15</u>					<u>16</u>					<u>≥17</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	6	8	6	4	4	8	7	6	5	6	3	6	7	6	7	3	2	3	2	2
Female	4	8	5	5	6	4	8	7	8	8	3	6	5	4	7	<1	2	2	3	<1

Table 44a. Age of First Use of Marijuana by Grade and School Never – 13 years old (in percent)

	<u>Never</u>					<u>≤10</u>					<u>11</u>					<u>12</u>					<u>13</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	99	99	99	100	100	<1	<1	<1	0	0	0	0	0	0	0	0	<1	0	0	0	<1	0	0	0	<1
7th	98	99	100	98	99	<1	<1	<1	<1	0	0	0	0	0	0	<1	<1	0	<1	<1	<1	0	0	<1	<1
8th	95	97	88*	96	96	1	<1	<1	<1	0	<1	<1	1	0	<1	0	<1	6	<1	0	1	1	4	1	3
BMS	97	98	96	98	98	<1	<1	<1	<1	0	<1	<1	<1	0	<1	<1	<1	2	<1	<1	<1	<1	1	<1	1
9th	87	76*	86	92	92	2	2	1	0	0	<1	<1	<1	<1	<1	<1	2	1	0	0	3	6	5	1	3
10th	72	69	81*	71	72	0	2	0	0	0	0	<1	<1	<1	0	1	2	2	4	<1	4	2	<1	7	1

	<u>Never</u>					<u>≤10</u>					<u>11</u>					<u>12</u>					<u>13</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
11th	58	58	53	70*	68*	1	<1	1	1	0	<1	1	<1	0	<1	3	<1	<1	2	0	2	6	3	5	2
12th	42	44	49	51	50	<1	<1	<1	<1	<1	<1	0	<1	0	<1	2	<1	2	1	5	2	5	4	2	7
BMS	66	62	67	73*	73*	<1	1	1	<1	<1	<1	<1	<1	<1	<1	2	1	2	2	<1	3	5	3	4	3

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 44b. Age of First Use of Marijuana by Grade and School 14 – greater than 17 years old (in percent)

	<u>14</u>					<u>15</u>					<u>16</u>					<u>≥17</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	<1	<1	<1	<1	<1	0	0	0	0	0	0	0	0	0	<1	<1	0	0	<1	0
BMS	<1	<1	<1	<1	<1	<1	0	0	0	0	0	0	0	0	<1	<1	0	0	<1	0
9th	5	11	4	4	4	1	3	2	2	2	0	0	0	<1	0	<1	0	0	<1	0
10th	7	11	6	12	6	11	11	8	6	14	3	2	2	1	6	1	<1	0	0	<1
11th	9	9	11	3	3	12	13	13	9	10	14	10	14	9	14	1	1	3	0	3
12th	8	9	9	5	6	13	15	12	9	10	12	16	12	17	10	18	10	11	14	11
BHS	7	10	8	6	5	9	10	9	6	8	7	7	7	6	7	5	3	3	3	3

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 45a. Age of First Use of Marijuana by Gender Never – 13 years old (in percent)

	<u>Never</u>					<u>≤10</u>					<u>11</u>					<u>12</u>					<u>13</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	77	73	77	84*	82*	1	2	1	<1	<1	<1	<1	<1	<1	<1	1	1	2	2	1	2	3	3	2	3
Female	82	81	83	86*	87*	<1	<1	<1	<1	0	0	<1	<1	<1	<1	<1	<1	1	<1	<1	2	3	2	2	2

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 45b. Age of First Use of Marijuana by Gender 14 – greater than 17 years old (in percent)

	14					15					16					≥17				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	4	6	6	3	2	6	7	5	2	5	4	4	4	4	4	3	2	2	2	1
Female	4	5	3	3	2	4	5	5	4	4	4	4	4	3	4	3	1	1	1	2

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 46a. Age of First Use of Cigarettes by Grade and School Never – 13 years old (in percent)

	Never					≤10					11					12					13				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	99	98	100	100	98	0	1	<1	<1	0	<1	0	0	0	0	0	<1	0	0	1	<1	0	0	0	0
7th	97	97	98	98	98	2	<1	<1	<1	<1	<1	0	<1	0	<1	<1	2	0	<1	1	0	1	<1	<1	0
8th	91	96*	88	96*	98*	2	<1	1	<1	0	3	<1	1	0	0	1	<1	5	<1	0	2	<1	3	1	<1
BMS	96	97	96	98*	98*	1	<1	<1	<1	<1	1	<1	<1	0	<1	<1	<1	1	<1	<1	<1	<1	1	<1	<1
9th	85	86	91	94*	95*	3	1	3	0	0	2	1	1	<1	<1	<1	4	<1	<1	1	3	4	<1	2	0
10th	73	79	89*	78	87*	1	3	1	2	0	1	1	0	2	1	2	1	<1	3	0	5	3	2	3	2
11th	64	67	75*	80*	83*	2	2	<1	2	<1	<1	1	<1	0	0	4	2	1	<1	<1	3	4	1	<1	2
12th	57	56	68*	72*	72*	2	1	<1	1	1	<1	<1	0	<1	<1	4	<1	2	0	4	5	4	4	1	3
BHS	71	72	81*	82*	85*	2	2	2	1	<1	1	1	<1	<1	<1	3	2	1	<1	1	4	4	2	2	1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 46b. Age of First Use of Cigarettes by Grade and School 14 – greater than 17 years old (in percent)

	14					15					16					≥17				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<1	0	0	0	0

	<u>14</u>					<u>15</u>					<u>16</u>					<u>≥17</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
7th	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	<1	<1	1	<1	1	<1	0	0	0	0	0	0	0	0	0	0	0	0	<1	0
BMS	<1	<1	<1	<1	<1	<1	0	0	0	0	<1	0	0	0	0	<1	0	0	<1	0
9th	5	3	2	2	<1	<1	1	2	<1	2	<1	0	0	<1	0	1	0	0	<1	0
10th	7	4	2	7	<1	9	8	4	6	7	2	<1	<1	<1	3	0	0	0	<1	0
11th	9	5	5	2	3	7	11	8	8	3	9	7	6	7	7	<1	0	<1	<1	1
12th	6	9	6	4	1	7	7	7	6	7	7	12	10	7	7	12	8	3	9	4
BHS	7	5	4	4	2	6	6	5	5	4	4	5	4	3	4	3	2	1	2	1

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 47a. Age of First Use of Cigarettes by Gender Never – 13 years old (in percent)

	<u>Never</u>					<u>≤10</u>					<u>11</u>					<u>12</u>					<u>13</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	80	79	84*	88*	89*	2	3	2	<1	<1	1	<1	<1	<1	<1	2	2	2	<1	2	2	2	2	2	1
Female	83	86	90*	92*	94*	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	1	<1	<1	<1	3	3	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 47b. Age of First Use of Cigarettes by Gender 14 – greater than 17 years old (in percent)

	<u>14</u>					<u>15</u>					<u>16</u>					<u>≥17</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	4	4	2	3	1	3	5	4	2	3	2	3	2	2	3	2	1	<1	2	<1
Female	4	3	2	1	<1	3	3	2	2	2	3	3	3	2	1	2	1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.  
 \* Difference from 2009 response is significant at the 0.05 level.

**Lifetime Use**

Table 48a. Percent of Lifetime Alcohol Use by Grade and School 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	94	92	96	92	91	4	6	1	7	8	2	2	2	<1	0	<1	<1	0	<1	<1
7th	85	89	92*	92*	91*	9	8	5	5	6	3	1	1	2	2	1	<1	<1	2	<1
8th	68	85*	80*	85*	80*	17	11	10	7	10	7	2	6	5	7	6	<1	2	2	2
BMS	83	89*	90*	90*	87*	10	8	6	6	8	4	2	3	2	3	1	<1	<1	1	<1
9th	64	60	74*	76*	70	17	19	14	16	15	6	9	6	5	7	6	6	0	1	4
10th	47	50	64*	47	59*	17	19	14	17	14	16	11	8	12	8	6	9	6	7	9
11th	38	39	40	48	50*	19	17	12	13	13	12	15	17	10	8	9	8	12	7	7
12th	25	23	27	29	27	13	12	17	16	13	12	17	12	8	8	9	9	10	14	11
BHS	44	43	51	53*	54*	16	17	15	15	14	12	13	11	8	8	7	8	7	7	7

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 48b. Percent of Lifetime Alcohol Use by Grade and School 10-40+ Times

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	<1	<1	0	0	<1	0	<1	0	0	0	0	0	<1	0	<1
7th	<1	<1	<1	0	0	0	0	0	0	0	<1	<1	<1	<1	0
8th	6	<1	2	<1	1	<1	0	<1	0	0	<1	<1	0	0	0
BMS	1	<1	<1	<1	<1	<1	0	<1	0	0	<1	<1	<1	<1	<1
9th	3	2	2	<1	3	2	1	1	<1	<1	2	3	2	0	<1
10th	6	3	3	7	6	4	4	<1	6	2	4	4	4	4	2
11th	9	11	11	14	11	4	3	3	3	7	9	6	6	5	4
12th	14	14	9	11	13	7	11	10	15	10	20	14	15	6	17

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
BHS	8	8	6	8	8	4	5	4	6	5	8	7	7	3	5

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 49a. Percent of Lifetime Marijuana Use by Grade and School 0-9 Times

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	99	99	99	100	100	0	<1	0	0	0	0	0	0	0	0	<1	<1	0	0	<1
7th	98	98	100	99	99	1	<1	0	<1	0	0	1	0	<1	<1	<1	0	<1	0	0
8th	94	97	87*	97	96	1	2	3	3	2	2	1	0	0	0	<1	0	<1	0	0
BMS	97	98	96	99*	98	1	1	<1	1	<1	<1	<1	<1	<1	<1	<1	0	<1	0	0
9th	88	77*	87	93*	93	3	8	2	2	3	2	5	2	2	<1	2	2	3	<1	0
10th	75	71	83*	70	74	7	9	6	5	7	2	3	1	4	5	3	1	2	3	5
11th	59	58	54	71*	69*	7	7	9	3	8	4	7	10	10	6	5	2	2	2	3
12th	43	46	48	55*	52	10	9	9	8	9	5	6	8	5	7	7	4	4	6	3
BHS	67	63	68	75*	74*	6	8	7	4	7	3	5	5	5	4	4	2	3	3	3

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 49b. Percent of Lifetime Marijuana Use by Grade and School 10-40+ Times

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	<1	0	<1	0	0
7th	0	0	0	0	0	<1	0	0	0	0	0	<1	0	0	0
8th	0	0	<1	0	<1	0	0	3	0	0	2	<1	6	0	2
BMS	<1	0	<1	0	<1	<1	0	<1	0	0	<1	<1	2	0	<1

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
9th	1	2	0	<1	<1	2	<1	2	<1	1	3	6	3	1	2
10th	2	5	3	3	4	3	4	1	2	4	8	6	4	13	2
11th	8	5	4	3	3	3	4	6	3	4	14	17	14	7	6
12th	8	5	4	4	6	9	7	8	5	3	18	23	19	16	19
BHS	5	4	3	2	3	4	4	4	3	3	11	13	10	9	6

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 50. Percent of Lifetime Cigarette Use by Grade and School

	<u>Never</u>					<u>Once or Twice</u>					<u>Once in a while, but not regularly</u>					<u>Regularly in the past</u>					<u>Regularly now</u>					
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	
6th	99	99	98	100	100	<1	1	1	0	<1	0	0	0	0	0	0	0	<1	0	0	0	0	0	0	0	0
7th	97	97	99	99	100	2	2	1	<1	0	<1	1	0	0	<1	0	<1	0	<1	0	0	0	0	0	0	0
8th	92	96	90	99*	97*	3	3	4	1	3	4	<1	5	0	<1	0	<1	1	0	0	<1	0	0	<1	0	
BMS	96	98	96	99*	98*	2	2	2	<1	1	1	<1	1	0	<1	0	<1	<1	<1	0	<1	0	0	<1	<1	
9th	88	88	92	95*	95*	5	7	5	5	3	5	3	<1	<1	1	<1	<1	0	0	0	1	2	2	<1	<1	
10th	73	82*	90*	76	88*	10	9	4	9	8	9	2	4	8	2	2	3	<1	6	1	5	4	<1	1	<1	
11th	65	68	75*	80*	82*	12	10	14	10	11	10	10	6	5	6	3	4	2	1	<1	10	7	3	3	0	
12th	57	59	71*	75*	72*	17	18	12	11	15	13	12	8	9	6	5	4	6	2	6	9	7	3	2	2	
BHS	71	74	82*	83*	85*	11	11	9	8	9	9	7	5	5	4	3	3	2	2	1	6	5	2	1	<1	

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 51a. Percent of Lifetime Prescription Drug Use by Grade and School 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	92	97*	98*	97*	96	3	<1	0	3	3	2	<1	0	<1	<1	<1	<1	<1	0	0
7th	89	96*	99*	99*	98*	6	1	<1	<1	1	<1	<1	0	<1	<1	<1	1	0	0	0
8th	90	93	94	94	93	4	5	2	3	3	1	<1	2	<1	1	<1	<1	0	<1	1
BMS	91	95*	97*	97*	96*	4	2	<1	2	2	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
9th	84	87	95*	96*	97*	7	3	2	1	2	3	3	1	<1	1	<1	1	<1	<1	0
10th	81	82	91*	95*	98*	8	6	4	3	1	3	5	3	<1	<1	2	3	1	1	0
11th	78	84	87*	92*	97*	7	7	6	3	2	4	3	4	1	<1	2	<1	<1	<1	<1
12th	78	84*	85	94*	88*	5	6	5	4	6	4	2	4	<1	5	5	3	2	<1	<1
BHS	81	84*	89*	95*	95*	7	5	4	2	2	3	3	3	<1	1	2	2	1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 51b. Percent of Lifetime Prescription Drug Use by Grade and School 10-40+ Times

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	<1	<1	0	0	0	0	0	0	<1	2	0	<1	<1	<1
7th	<1	<1	0	0	0	<1	<1	0	0	0	1	<1	0	0	0
8th	3	0	<1	<1	0	<1	<1	0	0	0	<1	0	1	<1	<1
BMS	1	<1	<1	<1	0	<1	<1	0	0	0	1	<1	<1	<1	<1
9th	2	2	0	0	0	<1	<1	0	<1	0	3	2	<1	1	0
10th	2	<1	<1	<1	<1	1	2	0	0	0	2	3	<1	0	0
11th	4	<1	<1	0	0	1	<1	<1	<1	0	5	4	2	3	0
12th	<1	3	3	0	1	2	0	0	0	0	6	2	<1	<1	0
BHS	2	2	1	<1	<1	1	<1	<1	<1	<1	4	3	1	1	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 52a. Percent of Lifetime Inhalant Use by Grade and School 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	97	97	98	96	95	2	2	2	3	3	<1	<1	<1	<1	0	0	0	0	0	<1
7th	93	95	96	98*	96	3	4	3	1	4	2	<1	<1	<1	<1	<1	<1	<1	0	0
8th	93	93	96	95	95	6	5	3	3	3	<1	<1	0	2	<1	<1	0	0	0	<1
BMS	94	95	96*	97*	95	4	4	3	2	3	1	<1	<1	<1	<1	<1	<1	<1	0	<1
9th	91	94	95	97*	98*	4	3	2	3	2	<1	1	<1	0	<1	<1	0	<1	0	0
10th	93	92	95	97*	98*	4	3	3	2	2	<1	<1	<1	<1	<1	1	<1	<1	0	0
11th	91	94	97*	96	99*	4	3	1	2	0	2	<1	<1	0	<1	0	0	<1	0	0
12th	90	95	96*	98*	100*	4	4	2	1	0	<1	<1	0	0	0	0	0	1	<1	0
BHS	92	94	96*	97*	98*	4	3	2	2	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 52b. Percent of Lifetime Inhalant Use by Grade and School 10-40+ Times

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	<1	0	<1	0	0	0	0	0	<1	0	0	0	0	<1
7th	<1	0	0	0	0	0	<1	0	0	0	0	0	<1	0	0
8th	<1	<1	<1	0	0	0	0	0	0	0	<1	<1	<1	0	<1
BMS	<1	<1	<1	<1	0	0	<1	0	0	0	<1	<1	<1	0	<1
9th	<1	<1	<1	0	0	0	0	0	0	0	2	1	<1	0	0
10th	<1	0	0	0	0	0	<1	<1	0	0	<1	3	0	0	0

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
11th	0	1	0	0	0	1	0	0	0	0	2	<1	<1	2	0
12th	<1	0	0	<1	0	0	0	<1	0	0	4	<1	0	0	0
BHS	<1	<1	<1	<1	0	<1	<1	<1	0	<1	2	1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 53a. Percent of Lifetime Cocaine/Crack Use by Grade and School 0-9 Times

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>					
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	
6th	100	100	99	100	99	0	0	<1	0	<1	0	0	<1	0	0	<1	0	0	0	0	0
7th	100	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	99	99	97	100	100	0	<1	<1	0	0	0	<1	<1	0	0	0	0	<1	0	0	0
BMS	99	99	99	100*	100	<1	<1	<1	0	<1	0	<1	<1	0	0	<1	0	<1	0	0	0
9th	97	96	99	100*	100*	<1	2	0	<1	0	0	1	0	0	0	0	0	<1	0	0	0
10th	98	97	98	98	99	<1	<1	<1	<1	<1	<1	<1	<1	0	0	<1	0	<1	<1	0	0
11th	95	97	97	98	97	2	<1	2	0	2	<1	<1	<1	0	0	1	<1	<1	<1	0	0
12th	95	94	93	99*	94	2	4	3	<1	4	0	<1	2	0	<1	0	0	2	0	0	0
BHS	98	96	97	99*	98	<1	2	1	<1	2	<1	<1	<1	0	<1	<1	<1	<1	<1	0	0

Note – Numbers may not add up to 100% due to rounding.  
 BMS = Barrington Middle School BHS = Barrington High School  
 \* Difference from 2009 response is significant at the 0.05 level.

Table 53b. Percent of Lifetime Cocaine/Crack Use by Grade and School 10-40+ Times

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	0	<1	0	<1
7th	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
8th	0	0	0	0	0	<1	0	0	0	0	<1	0	2	0	<1
BMS	0	0	0	0	0	<1	0	0	0	0	<1	<1	<1	0	<1
9th	<1	0	0	0	0	0	0	0	0	0	2	0	<1	0	0
10th	0	<1	0	0	0	0	<1	<1	0	0	0	1	0	1	0
11th	0	0	0	0	0	0	0	0	0	0	2	2	<1	2	<1
12th	<1	0	0	0	<1	<1	0	0	0	0	2	0	<1	<1	0
BHS	<1	<1	0	0	<1	<1	<1	<1	0	0	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 54a. Percent of Lifetime Ecstasy Use by Grade and School 0-9 Times

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>					
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	
6th	100	100	99	100	100	0	0	<1	0	0	0	0	0	0	<1	0	0	0	0	0	0
7th	100	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th	100	99	98	100	99	0	<1	<1	0	0	0	0	<1	0	0	0	0	0	0	0	<1
BMS	100	99	99	100	100	0	<1	<1	0	0	0	0	<1	0	0	0	0	0	0	0	<1
9th	97	96	96	99	100*	<1	2	2	<1	0	0	0	0	0	0	0	0	0	0	0	0
10th	98	94	96	98	100	1	2	2	1	0	0	1	<1	0	0	0	<1	<1	<1	0	0
11th	95	95	96	98	98	3	3	1	<1	2	<1	<1	<1	0	0	0	0	0	0	0	0
12th	96	91*	92	99*	99*	2	6	4	<1	<1	0	<1	2	0	0	0	<1	2	0	0	0
BHS	97	94*	95	99*	99*	2	3	2	<1	<1	<1	<1	<1	0	<1	<1	<1	<1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 54b. Percent of Lifetime Ecstasy Use by Grade and School 10-40+ Times

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	0	0	0	0	0	0	0	0	0	0	0	<1	0	0	0
7th	0	0	0	0	0	0	<1	0	0	0	0	<1	0	0	0
8th	0	0	0	0	<1	0	0	0	0	0	<1	0	<1	0	0
BMS	0	0	0	0	<1	0	0	0	0	0	<1	0	<1	0	0
9th	0	0	0	0	0	0	0	<1	0	0	2	2	<1	0	0
10th	0	<1	0	0	0	0	0	0	0	0	<1	1	0	0	0
11th	<1	0	0	0	0	0	<1	0	0	0	<1	1	1	2	0
12th	<1	<1	0	0	0	<1	0	<1	0	0	<1	1	0	0	0
BHS	<1	<1	0	0	0	<1	<1	<1	0	0	<1	1	<1	<1	0

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

## Risk and Protective Factors

The Center for Substance Abuse Prevention (CSAP) model for prevention needs assessment provides the framework for this section of the evaluation report. The theoretical model draws upon the Hawkins, Catalano and Miller (1992) model of risk and protection. Research has shown that certain personality and environmental characteristics may place youth at greater risk of using substances and developing related problems. These characteristics are known as risk factors. For instance, risk factors for alcohol use may include individual characteristics such as age-of onset, gender, family history, personality traits, future orientation, and comorbid psychopathology (Sher, Jackson, & Steinley, 2011), as well as social influences such as parental engagement and peer influence (Lloyd & Anthony, 2003). Research has also found elements of a young person's life that can reduce or eliminate the effect of risk factors. These elements are known as protective factors. Together, risk and protective factors help indicate how likely a young person is to start using alcohol and other drugs.

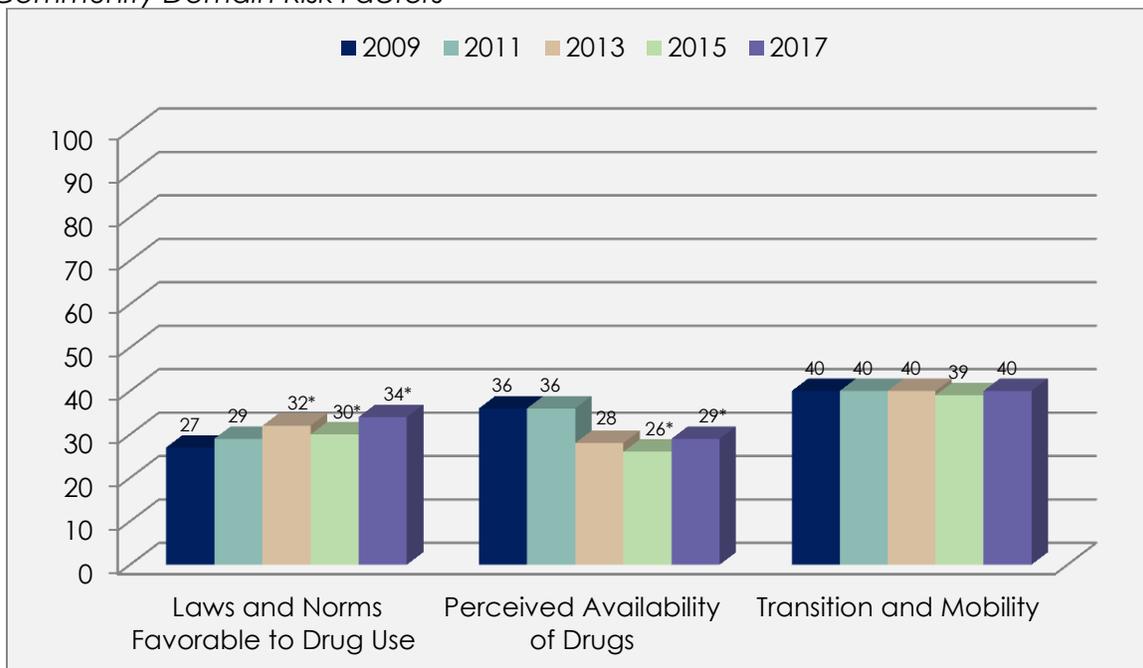
Risk and protective factors are not cast in stone. In fact, research has shown that prevention efforts can effectively reduce risk factors and increase protective factors. This finding suggests that effective prevention programming may result in changes in those risk and protective factors that are both malleable and are able to be addressed by the program.

The results presented below are split into two groups, risk factors and protective factors. Each group is then broken down further into domains representing the community, family, and peer/individual elements. A domain encompasses scales that have been created from one or more of the questions related to risk and protective factors on the Youth Survey.

### Risk Factors

The scales range from 0-100. For risk factors, zero represents no risk of starting to use substances while 100 represents the highest risk level for starting to use substances. For protective factors, zero represents no protection against starting to use substances while 100 is the highest level of protection. The higher the score for the risk factor scales means increased risk whereas the higher the score for protective factor scales means more protection against substance use.

Figure 7. Community Domain Risk Factors

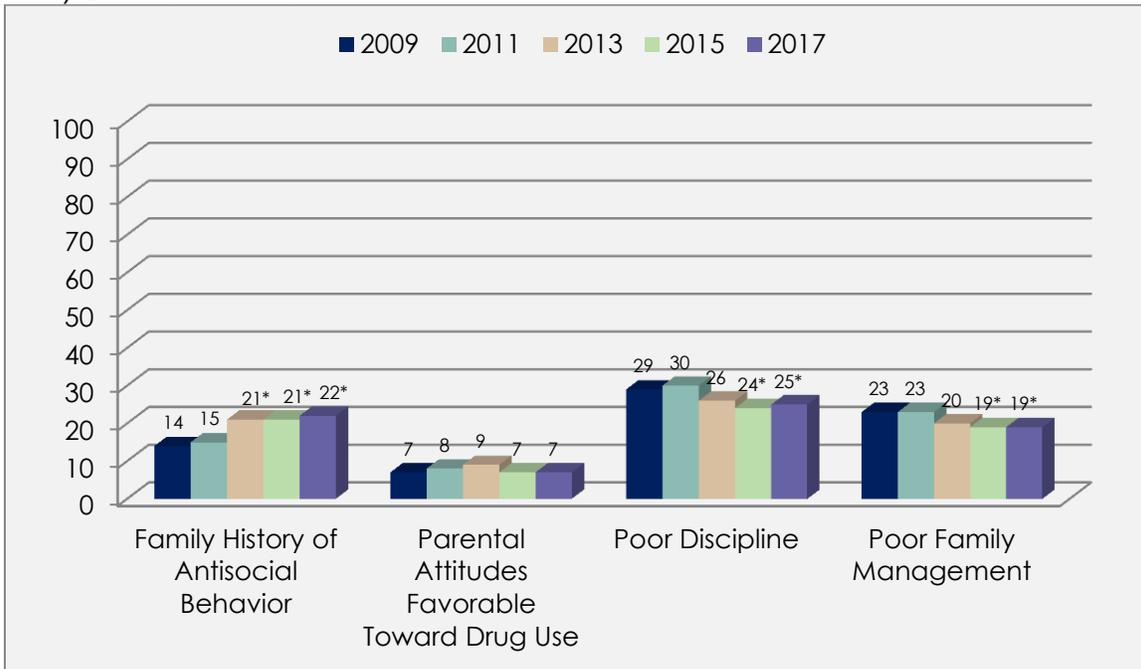


Note – Calculations for this scale were altered in 2013 to include the addition of perceived availability of pain and stimulant prescription drug items.

Note – Item wording for adult substance use norms were altered in the 2013 survey. The 2011 item asking youth how many adults they have known who in the past year “have used marijuana, crack, cocaine, or other drugs” was changed to “have used marijuana” and the 2011 item asking youth how many adults they have known who in the past year “have gotten drunk or high” was changed to “have gotten drunk”.

\* Difference from 2009 response is significant at the 0.05 level.

Figure 8. Family Domain Risk Factors

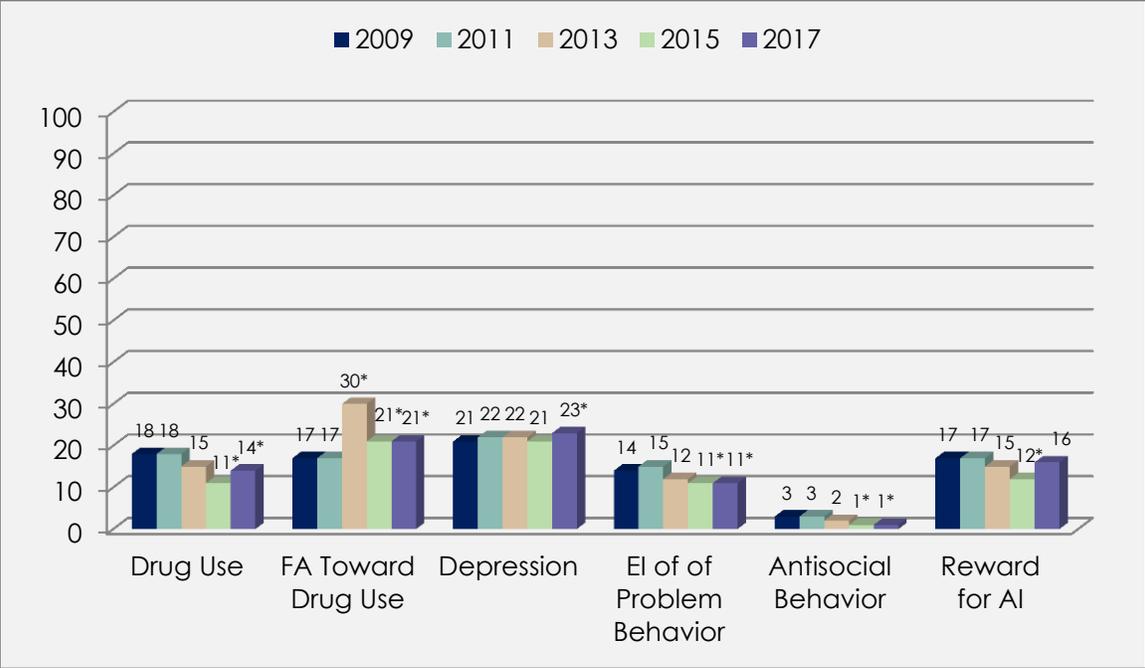


Note – Calculations for this scale were altered in 2013 to include the addition of a perceived parental disapproval of prescription drug use item. Additionally, the family history items were consolidated since 2011 to include both older and younger siblings in the same item.

Note – Item wording for perception of parental disapproval of regular alcohol use were altered in the 2013 survey. The 2011 item asking youth how wrong do your parents feel it would be for you to “drink alcohol regularly” was changed to “have one or two drinks of an alcoholic beverage nearly every day”.

\* Difference from 2009 response is significant at the 0.05 level.

Figure 9. Peer/Individual Domain Risk Factors



FA = Favorable Attitude

EI = Early Initiation

AI = Antisocial Involvement

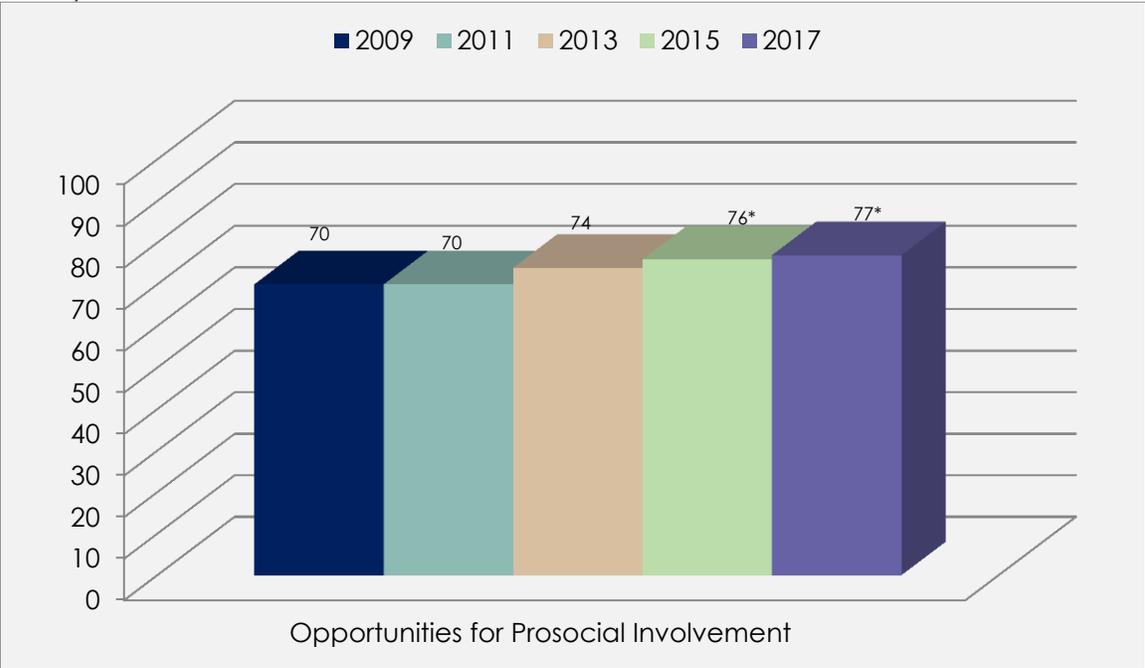
Note – Calculations for this scale were altered in 2013 to account for substantive changes in items of attitudes toward drug use. Item wording changed from “how wrong do you think it is for someone your age” in 2011 to “how do you feel about someone your age” in 2013 and the response option scale was decreased from 4 options (very wrong-not wrong at all) to 3 (neither approve nor disapprove-strongly disapprove).

\* Difference from 2009 response is significant at the 0.05 level.

**Protective Factors**

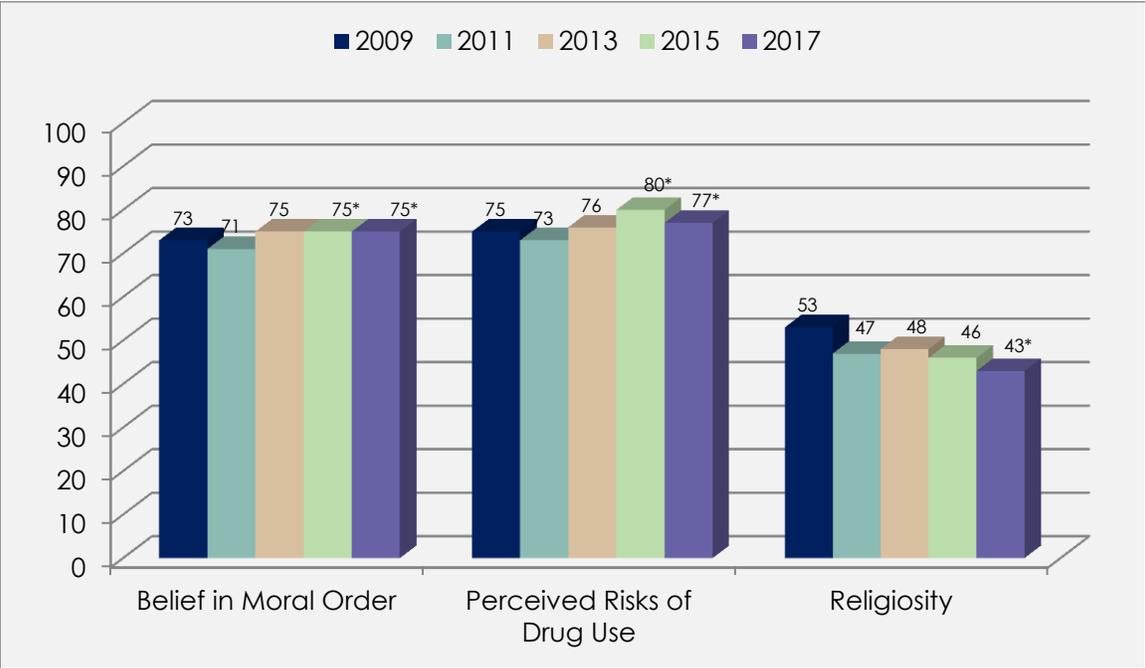
The scales below range from 0-100. For protective factors, zero represents no protection against starting to use substances while 100 is the highest level of protection. The higher scores for protective factor scales mean more protection against substance use.

Figure 10. Family Domain Protective Factors



\* Difference from 2009 response is significant at the 0.05 level.

Figure 11. Peer/Individual Domain Protective Factors



Note – Calculations for this scale were altered in 2013 to include the addition of perceived risks of alcohol and prescription drug use.

**Note – Item wording for perceived risk of regular marijuana use were altered in the 2013 survey. The 2011 item asking youth how much do you think people risk harming themselves physically or in other ways if they “smoke marijuana regularly” was changed to “smoke marijuana once or twice a week”.**

\* Difference from 2009 response is significant at the 0.05 level.

### Intent to use

In the Youth Survey, there were three questions that asked the students if, in the next two years, they planned on smoking cigarettes, drinking alcohol, or smoking marijuana. The students could choose one of the following responses:

- “NO!” meaning definitely not true
- “no” meaning mostly not true
- “yes” meaning mostly true
- “YES!” meaning definitely true

Table 55. Intent to Use Alcohol in the Next Two Years (frequency)

	<u>NO!</u>					<u>no</u>					<u>yes</u>					<u>YES!</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	95	93	98	94	93	3	5	<1	5	6	1	2	<1	1	<1	<1	0	<1	0	<1
7th	87	86	92	92	86	8	11	6	6	12	4	1	<1	2	2	<1	2	<1	<1	0
8th^	68	77	80	84	74	21	16	9	11	18	8	5	9	3	5	3	1	2	<1	2
BMS^~	84	85	90	90	84	10	11	5	7	12	4	3	3	2	3	2	<1	1	<1	<1
9th*^	57	51	63	69	57	18	21	23	21	25	19	23	10	8	14	5	5	4	2	5
10th*~	36	45	50	41	47	20	21	23	19	20	36	23	22	31	26	8	11	6	10	6
11th	33	31	32	38	38	18	18	18	16	18	30	38	34	32	32	19	14	17	14	12
12th	21	17	18	21	21	11	14	13	10	13	35	38	40	42	39	33	31	29	27	27
BHS*^~	38	36	41	45	43	17	18	19	17	20	30	30	27	26	26	16	15	13	12	11

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of “YES!” or “yes” is significant at the 0.05 level.

Table 56. Intent to Use Marijuana in the Next Two Years (frequency)

	<u>NO!</u>					<u>no</u>					<u>yes</u>					<u>YES!</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	97	95	98	97	96	2	5	<1	2	3	<1	0	0	0	0	<1	<1	<1	<1	<1
7th	97	94	96	96	93	3	4	2	2	6	0	<1	1	1	<1	<1	2	<1	0	0
8th*^	83	89	82	89	81	10	8	4	9	11	3	3	7	<1	5	3	<1	7	<1	2
BMS*^	92	92	92	94	90	5	6	3	4	7	1	1	2	<1	2	2	<1	2	<1	<1
9th+*^	73	61	69	80	73	13	15	17	15	13	9	17	9	4	10	5	7	6	2	3
10th*	56	54	65	59	61	17	16	19	15	14	19	18	13	19	19	8	12	4	8	6
11th	52	46	42	51	55	13	21	22	22	19	20	19	20	17	17	15	14	16	10	9
12th	36	36	38	42	35	15	22	20	16	23	24	23	23	25	25	24	19	19	17	17
BHS^~	55	49	54	60	58	15	18	20	16	17	18	19	16	15	17	13	13	11	8	8

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.  
 \*Difference in 2013 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.  
 ^Difference in 2015 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.  
 ~Difference in 2017 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.

Table 57. Intent to Use Cigarettes in the Next Two Years (frequency)

	NO!					no					yes					YES!				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	97	95	98	98	96	2	5	1	2	4	0	<1	0	0	0	<1	0	<1	0	<1
7th	96	95	98	98	96	4	4	2	1	4	0	<1	0	<1	0	0	<1	<1	0	0
8th+^~	85	91	82	95	90	10	8	13	4	9	3	1	4	<1	<1	2	<1	1	<1	0
BMS^~	92	94	93	97	94	6	4	5	3	5	1	<1	1	<1	<1	<1	<1	<1	<1	<1
9th^	79	83	86	91	86	15	12	10	8	12	4	3	1	<1	3	2	2	2	<1	0
10th+*^~	68	79	85	72	87	19	15	11	24	12	11	5	4	4	1	2	1	0	1	0
11th*^~	65	71	79	79	76	15	15	15	14	20	16	8	4	5	4	3	6	2	2	<1
12th*^~	61	68	74	79	74	20	17	15	15	22	13	11	7	4	4	5	3	3	2	0
BHS+*^~	69	75	81	81	81	18	15	13	15	16	11	7	4	3	3	3	3	2	1	<1

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

+Difference in 2011 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.

\*Difference in 2013 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.

^Difference in 2015 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.

~Difference in 2017 response from 2009 response of "YES!" or "yes" is significant at the 0.05 level.

Table 58 below shows the average score for each grade, and for each group, of whether or not students intend to use alcohol, marijuana, or cigarettes in the next two years. The scores are rated such that 1 indicates NO! and is the lowest possible score, while 4 indicates YES! and is the highest possible score.

Table 58. Average Scores of Intent to Use Substances in the Next Two Years

	Alcohol					MJ					Cigarettes				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	1.1	1.09	1.05	1.08	1.09	1.1	1.06	1.04	1.04*	1.05	1	1.06	1.04	1.02*	1.05
7th	1.2	1.18	1.1	1.12	1.16	1.1	1.1	1.06	1.05*	1.08	1	1.06	1.03	1.03	1.04
8th	1.5	1.31	1.33	1.21*	1.35	1.3	1.15	1.4	1.14*	1.29	1.2	1.10*	1.24	1.08*	1.11*
BMS	1.2	1.19	1.15*	1.13*	1.2	1.1	1.1	1.15	1.07*	1.14	1.1	1.08	1.09	1.04*	1.07*
9th	1.7	1.82	1.55	1.44*	1.66	1.5	1.69*	1.51	1.27*	1.43	1.3	1.23	1.2	1.1*	1.17*
10th	2.2	2.00*	1.84*	2.09	1.92*	1.8	1.88	1.55*	1.75	1.7	1.5	1.29*	1.19*	1.34*	1.14*
11th	2.4	2.36	2.35	2.22	2.19	2	2.01	2.1	1.86	1.8	1.6	1.5	1.29*	1.3*	1.3*
12th	2.8	2.83	2.8	2.75	2.72	2.4	2.25	2.22	2.17	2.23	1.6	1.49	1.39*	1.29*	1.29*
BHS	2.2	2.25	2.13*	2.05	2.07*	1.9	1.96	1.84	1.71*	1.75*	1.5	1.38*	1.26*	1.24*	1.23*

Note – Numbers may not add up to 100% due to rounding.

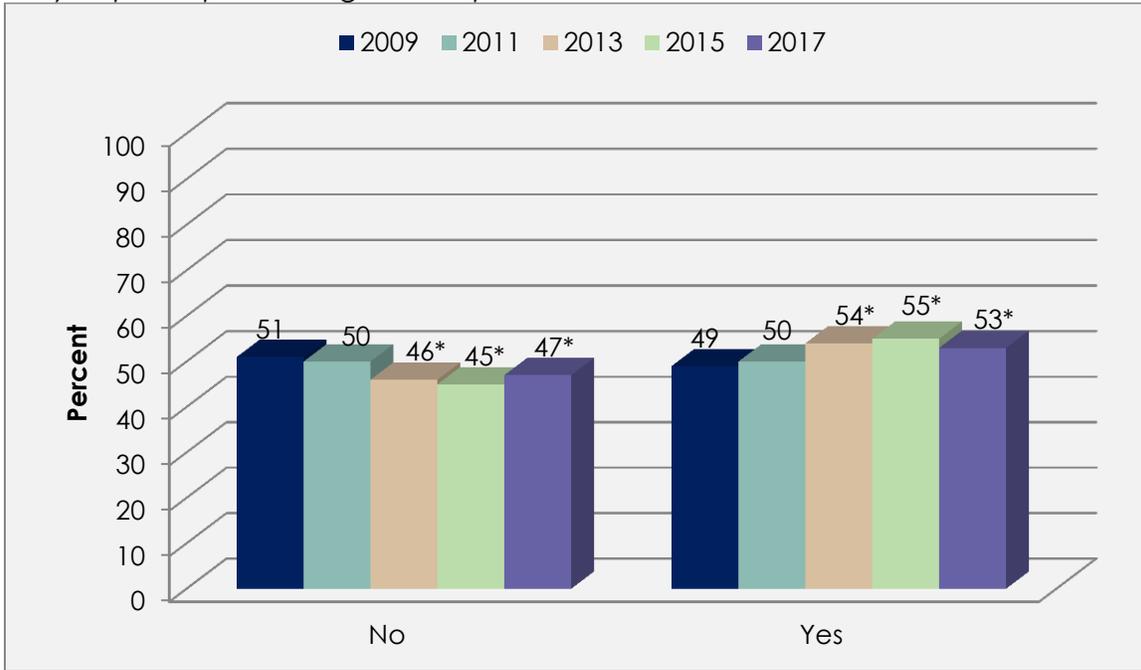
BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

### Additional BAY Team Analyses

At the end of the Youth Survey, there were additional questions pertaining to issues that the BAY Team specifically wanted to address, such as extracurricular activities, seat-belt safety, and alcohol-related behaviors. The following tables display the responses of the youth to these particular behavioral questions.

Figure 12. Do you participate in organized sports?



\* Difference from 2009 response is significant at the 0.05 level.

Table 59a. How often do you wear a seatbelt? Never - Sometimes

	Never					Rarely					Sometimes				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	<1	2	2	<1	<1	<1	<1	<1	0	<1	2	2	<1	3	<1
7th	1	2	4	<1	<1	1	<1	<1	<1	0	6	3	3	3	2
8th	<1	2	2	0	<1	3	1	2	<1	4	6	2	6	5	3
BMS	<1	2	3	<1	<1	2	<1	<1	<1	2	5	3	3	4	2
9th	2	4	<1	1	<1	1	5	2	2	<1	7	4	7	4	5
10th	2	2	<1	1	<1	2	2	1	<1	2	7	5	4	3	2
11th	4	2	<1	2	<1	<1	<1	0	1	1	1	4	2	4	<1
12th	2	2	2	<1	0	2	2	1	<1	0	8	5	2	2	2
BHS	2	3	<1	1	<1	2	2	1	1	1	6	5	3	3	3

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 59b. How often do you wear a seatbelt? Most of the time - Always

	<u>Most of the time</u>					<u>Always</u>				
	09	11	13	15	17	09	11	13	15	17
6th	15	14	12	18	17	82	81	84	77	80
7th	19	18	16	22	17	73	76	76	74	81*
8th	25	17	22	23	19	65	76*	68	71	73
BMS	20	17	17	21	18	73	78	76	74	78
9th	27	30	25	23	30	63	57	65	70	64
10th	24	25	15	25	18	66	67	79*	70	76*
11th	12	16	17	14	12	83	78	80	79	86
12th	14	19	14	7	11	74	72	81	90*	87*
BHS	19	23	18	18	19	72	68	77*	76*	77*

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2009 response is significant at the 0.05 level.

Table 60. Perceived Risk of Harm of Marijuana: Trying Once or Twice by Grade and School (in percent)

	<u>No risk</u>					<u>Slight risk</u>					<u>Moderate risk</u>					<u>Great risk</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	4	10	8	3	7	18	18	10	16	16	34	30	15	42	37	44	42	67	39	40
7th~	4	5	11	6	9	16	14	10	20	25	37	29	18	30	31	44	51	62	44	35
8th	10	10	22	8	17	29	20	17	23	32	31	36	18	27	24	30	33	42	43	28
BMS~	6	8	13	6	11	20	18	12	19	24	34	32	17	32	30	40	42	58	43	35
9th~	17	25	25	17	22	29	33	23	29	35	30	22	21	17	22	25	19	31	37	21
10th	36	39	35	36	34	32	31	31	31	31	20	18	19	18	19	12	12	15	15	15
11th*^	41	44	55	48	31	26	27	23	30	35	18	15	11	10	16	15	14	11	12	18
12th	52	53	56	49	61	27	26	30	28	22	8	13	6	12	10	13	8	8	12	7
BHS*	36	40	43	35	35	29	30	27	29	31	19	17	14	14	18	16	13	16	21	16

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

\*Difference in 2013 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.

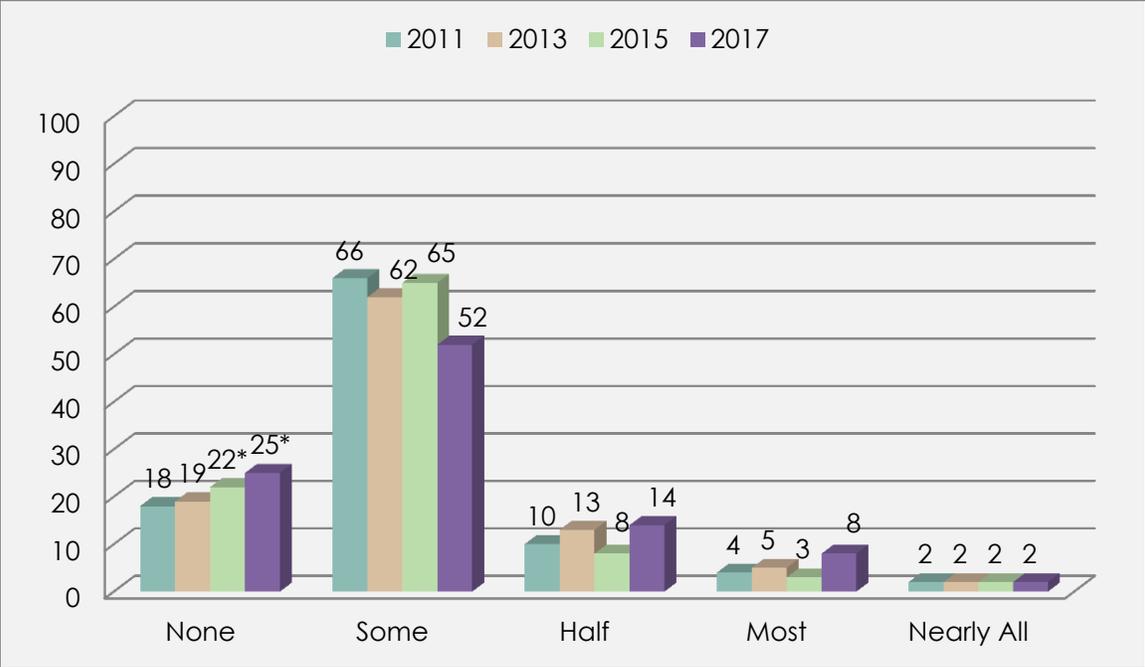
^Difference in 2015 response from 2009 response of "moderate risk" or "great risk" is significant at the 0.05 level.

Table 61. Perceived Risk of Harm of Marijuana: Trying Once or Twice by Gender (in percent)

	<u>No risk</u>					<u>Slight risk</u>					<u>Moderate risk</u>					<u>Great risk</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Male	28	33	36	24	27	24	22	17	25	27	24	21	16	21	23	24	25	31	31	23
Female~	18	22	23	19	21	26	28	23	24	30	28	25	16	25	24	28	25	28	32	26

Note – Numbers may not add up to 100% due to rounding.

Figure 13. Barrington Middle School Students' Perception of Barrington High School Population's Marijuana Use



\*Difference from 2011 response is significant at the 0.05 level.

Figure 14. Barrington High School Students' Perception of Barrington High School Population's Marijuana Use



\*Difference from 2011 response is significant at the 0.05 level.

Table 62. Attitude toward Peer Use of Alcohol by Grade and by School (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	<1	3	6	22	10	8	<1	5	1	77	83	84
7th	2	4	5	25	8	7	5	2	8	69	86	80
8th	2	4	5	23	16	10	9	5	8	65	75	77
BMS	2	4	5	24	11	8	5	4	6	70	82	80
9th	4	2	4	21	9	10	10	13	15	65	75	71
10th	4	2	1	18	16	15	16	23	19	61	58	65
11th	2	2	3	22	27	19	16	17	22	61	55	56
12th	3	2	2	23	19	21	28	23	21	47	55	55
BHS	3	2	3	21	17	16	18	19	19	59	62	62

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Table 63. Attitude toward Peer Use of Alcohol by Gender (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	3	4	6	27	18	16	14	11	13	56	67	65
Female	2	2	2	16	10	9	10	12	13	71	76	76

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

Table 64. Attitude toward Peer Use of Marijuana by Grade and by School (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	1	3	5	21	9	10	<1	4	<1	76	84	85
7th	2	3	6	24	10	8	3	3	6	71	84	80
8th	2	3	5	28	15	15	8	8	12	61	73	68
BMS	2	3	5	25	12	11	4	5	7	70	80	77
9th	4	3	3	29	15	22	15	14	19	51	67	56
10th	7	4	2	32	33	35	17	27	22	45	36	41
11th	4	1	4	47	45	39	23	21	23	25	32	34
12th	2	3	4	51	44	55	25	26	24	21	27	16
BHS	5	3	4	40	33	36	20	21	22	35	43	39

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Table 65. Attitude toward Peer Use of Marijuana by Gender (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	4	4	6	39	26	28	12	13	15	45	57	52
Female	3	2	3	27	19	22	13	14	15	57	65	60

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

Table 66. Attitude toward Peer Use of Cigarettes by Grade and by School (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	2	4	4	21	10	9	<1	4	1	76	82	86
7th	3	4	4	23	8	8	3	4	9	71	84	79
8th	2	4	5	23	15	10	10	7	8	65	74	77
BMS	2	4	4	23	11	9	4	5	7	71	80	81
9th	4	3	3	18	9	12	16	10	13	63	79	72
10th	5	3	2	17	19	15	15	23	14	64	55	69
11th	2	2	2	21	25	20	21	14	15	57	59	63
12th	2	2	2	25	15	18	22	23	26	52	59	54
BHS	3	3	2	20	17	16	18	17	16	59	64	65

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Table 67. Attitude toward Peer Use of Cigarettes by Gender (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	3	4	4	26	18	15	14	10	13	57	68	68
Female	2	2	2	16	10	11	10	12	11	71	76	77

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

Table 68. Attitude toward Peer Use of Prescription Drugs by Grade and by School (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	4	5	8	23	10	11	2	5	4	71	79	77
7th	3	6	7	26	8	7	5	7	9	67	79	76
8th	4	9	6	24	16	12	9	7	10	63	68	72
BMS	3	7	7	25	11	10	5	7	8	67	75	75
9th	6	4	5	18	9	10	15	11	12	60	75	73
10th	4	5	2	20	12	11	17	19	11	59	64	75
11th	4	3	1	20	22	17	25	15	14	51	60	68
12th	<1	3	3	21	14	12	26	16	16	51	67	69
BHS	4	4	3	19	14	13	21	15	13	56	67	71

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Table 69. Attitude toward Peer Use of Prescription Drugs by Gender (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
Male	5	6	6	26	16	14	15	12	12	54	66	68
Female	3	4	4	17	9	9	12	10	10	68	77	77

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

Table 70. Attitude toward Peer Use of Cocaine, Amphetamines, or Another Illegal Drug by Grade and by School (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	13	15	17	13	15	17	13	15	17	13	15	17
6th	1	4	6	22	10	8	<1	3	0	76	83	86
7th	2	4	5	23	8	6	<1	2	3	75	87	85
8th	4	4	5	18	14	8	4	2	5	74	79	82
BMS	2	4	5	22	10	8	2	2	3	75	83	84
9th	6	4	3	16	5	7	6	6	5	72	86	85
10th	4	3	3	14	10	8	7	7	5	76	80	85
11th	3	2	1	14	19	14	10	6	8	74	72	77
12th	2	4	2	14	10	12	11	10	8	73	76	77
BHS	3	3	3	14	11	10	8	7	6	74	79	81

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Table 71. Attitude toward Peer Use of Cocaine, Amphetamines, or Another Illegal Drug by Gender (in percent)

	<u>Don't know/can't say</u>			<u>Neither approve nor disapprove</u>			<u>Somewhat disapprove</u>			<u>Strongly disapprove</u>		
	09	11	17	13	15	17	13	15	17	13	15	17
Male	4	4	2	21	14	6	7	5	4	68	76	88
Female	2	2	5	13	6	12	4	5	6	81	87	78

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

Table 72a. How many adults do you know who have gotten drunk? 0 – 2 Adults (in percent)

	<u>0 Adults</u>					<u>1 Adult</u>					<u>2 Adults</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
BMS	60	64	58	50	46	19	20	18	21	18	8	7	9	11	11
BHS	38	34	29	30	29	15	17	11	14	14	12	13	13	14	12

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

Table 72b. How many adults do you know who have gotten drunk? 3 – 5+ Adults (in percent)

	<u>3-4 Adults</u>					<u>5+ Adults</u>				
	09	11	13	15	17	09	11	13	15	17
BMS	5	5	6	7	11	8	4	9	11	15
BHS	12	11	15	12	14	23	25	31	30	32

Note – Numbers may not add up to 100% due to rounding.

Note – Item wording was altered between the 2012 & 2013 administrations.

BMS = Barrington Middle School BHS = Barrington High School

Table 73. Has anyone in your family ever had a severe alcohol or drug problem?

	<u>No</u>					<u>Yes</u>				
	09	11	13	15	17	09	11	13	15	17
BMS	81	84	87	85	80	19	16	13	15	20
BHS	71	71	74	70	70	29	29	26	30	30

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

Table 74. Where did you drink the last time you had an alcoholic beverage?

	<u>09 (%)</u>	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
I drank in a car or other vehicle	<1	<1	<1	<1	<1
I drank at my home	10	11	8	8	8

	<u>09 (%)</u>	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
I drank at someone else's home	16	17	13	14	14
I drank at a park, on a beach, or in a parking lot	1	2	2	1	<1
I drank in a restaurant, bar, or club	3	2	2	2	2
I drank at a concert or a sports game	<1	<1	<1	<1	<1
I drank at school	<1	<1	<1	<1	<1
I drank at some other place	6	5	3	3	4
I have not had a drink ever	62	63	71	72	70

Note – Numbers may not add up to 100% due to rounding.

Table 75. How did you obtain your last alcoholic drink?

	<u>09 (%)</u>	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
I bought it myself	2	<1	1	<1	2
A friend 21 years of age or over bought it for me	4	4	3	2	2
A friend under 21 years of age bought it for me	2	3	5	4	4
A family member 21 years of age or over bought it for me	6	5	4	4	4
A family member under 21 years of age bought it for me	<1	<1	<1	<1	<1
I took it from home	4	5	4	3	4
I took it from someone else's home	2	2	1	2	2
It was available at the event or party where I drank	10	10	6	8	7
I got it some other way	7	7	3	3	4
I have never had a drink	63	63	72	73	71

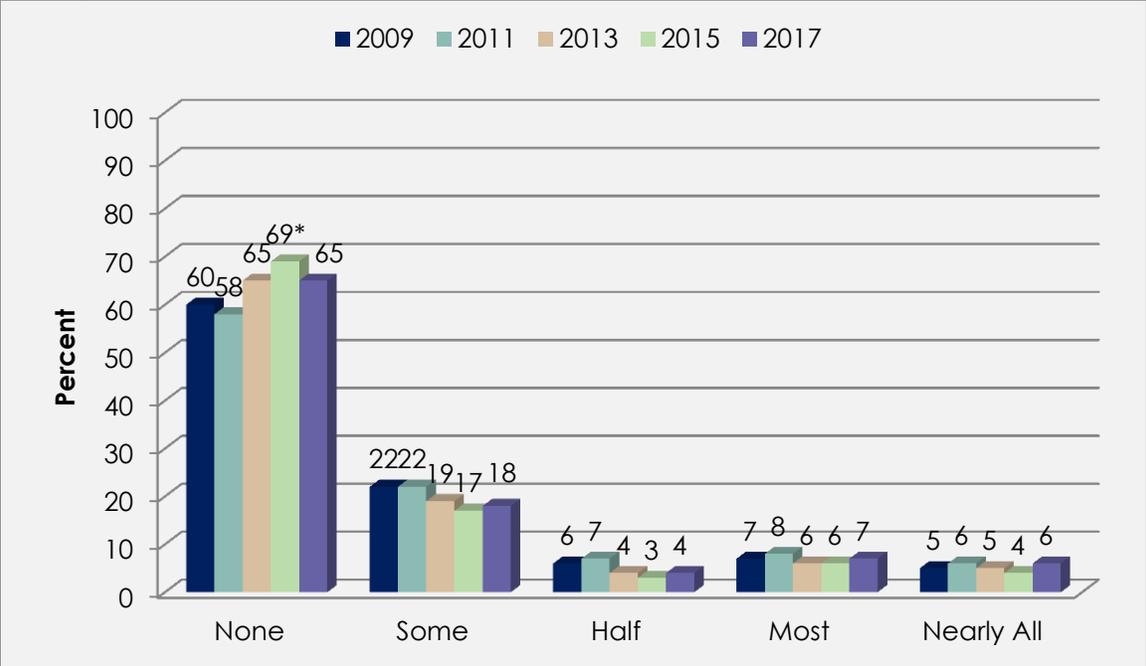
Note – Numbers may not add up to 100% due to rounding.

Table 76. Did you pay for your last alcoholic drink?

	<u>09 (%)</u>	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
I have never had a drink	59	60	67	69	68
No	36	34	28	24	26
Yes	5	6	5	7	6

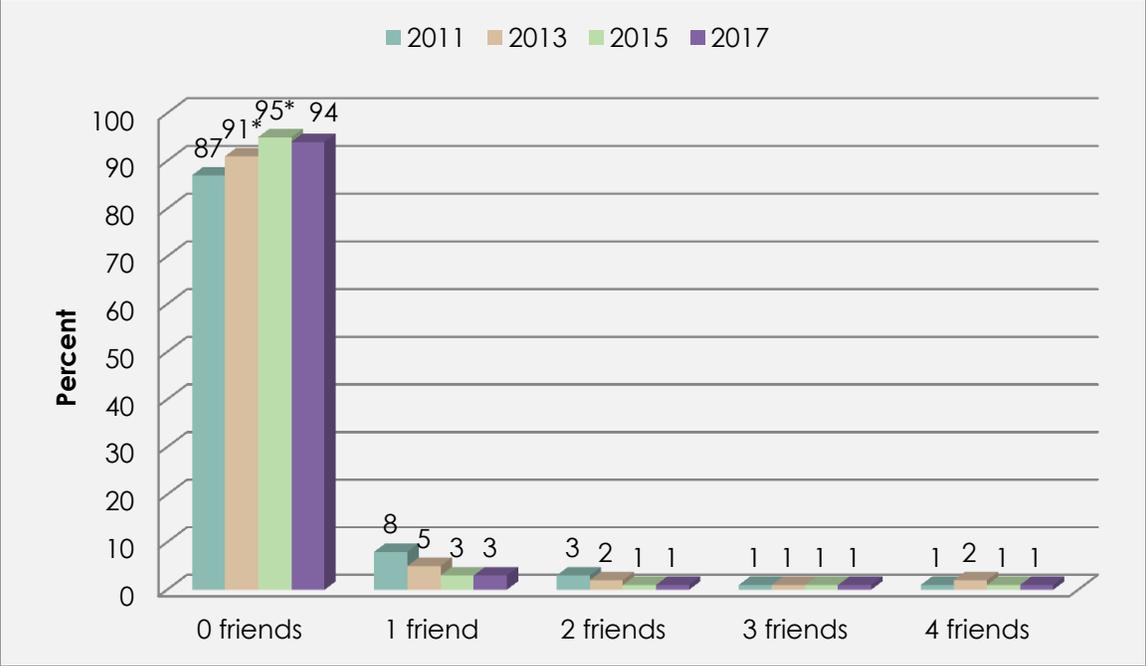
Note – Numbers may not add up to 100% due to rounding.

Figure 15. Perception of Friends' Alcohol Use



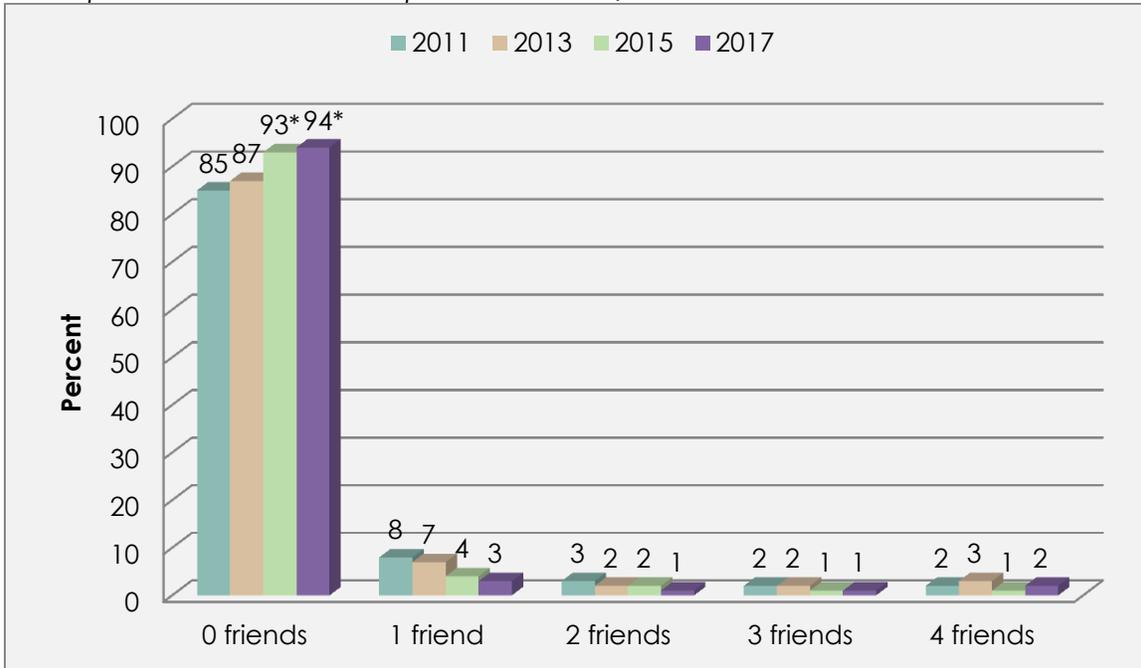
Note – Numbers may not add up to 100% due to rounding.  
 \*Difference from 2009 response is significant at the 0.05 level.

Figure 16. Perception of Friends' Prescription Pain Medication Use



Note – Numbers may not add up to 100% due to rounding.  
 \*Difference from 2009 response is significant at the 0.05 level.

Figure 17. Perception of Friends' Prescription Stimulant/ADHD Medication Use



Note – Numbers may not add up to 100% due to rounding.

Table 77. Have you ever ridden in a car driven by someone that had been drinking alcohol?

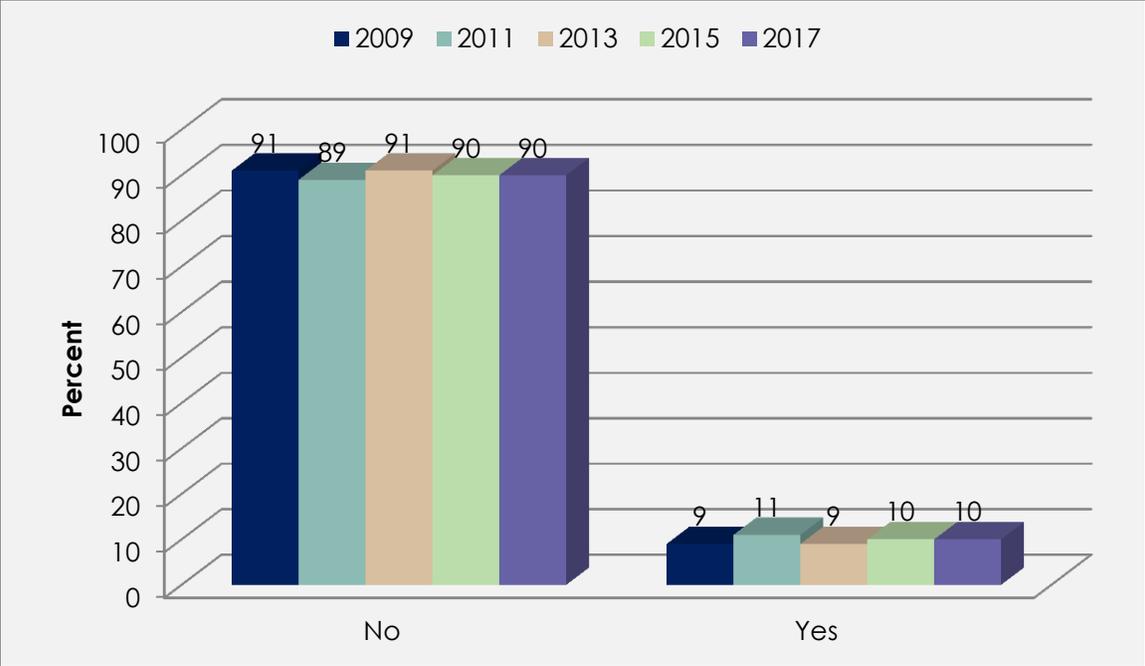
	No					Yes					Not Sure				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
6th	76	77	85*	70	71	5	6	4	21*	11*	19	17	11	9	18
7th	68	71	75	69	63	18	10*	11*	11	19	14	19	15	20	19
8th	49	75*	69*	65*	54	30	11*	18*	17*	30	21	14	13	17	16
BMS	64	74*	77*	69	63	18	9*	11*	16	20	18	17	13	15	17
9th	61	60	73*	68	61	23	20	22	21	27	16	20	6	11	12
10th	59	62	67	63	73*	23	23	22	29	18	18	15	11	7	10
11th	66	66	72	70	74	24	21	25	26	21	10	13	4	4	6
12th	59	68*	64	74*	70*	34	23*	32	20*	27	7	9	4	7	2
BHS	61	63	69*	68*	69*	26	22	24	24	23	14	14	6	8	8

Note – Numbers may not add up to 100% due to rounding.

BMS = Barrington Middle School BHS = Barrington High School

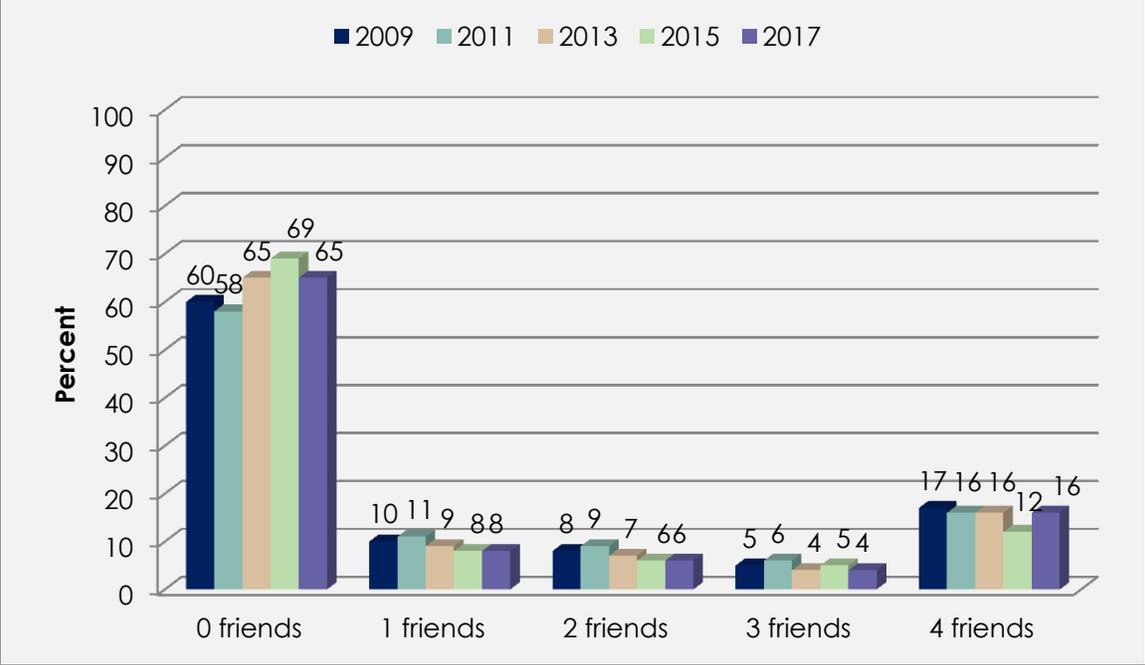
\*Difference from 2009 response is significant at the 0.05 level.

Figure 18. In the past six months, have you been served alcohol by a parent, either yours or another's?



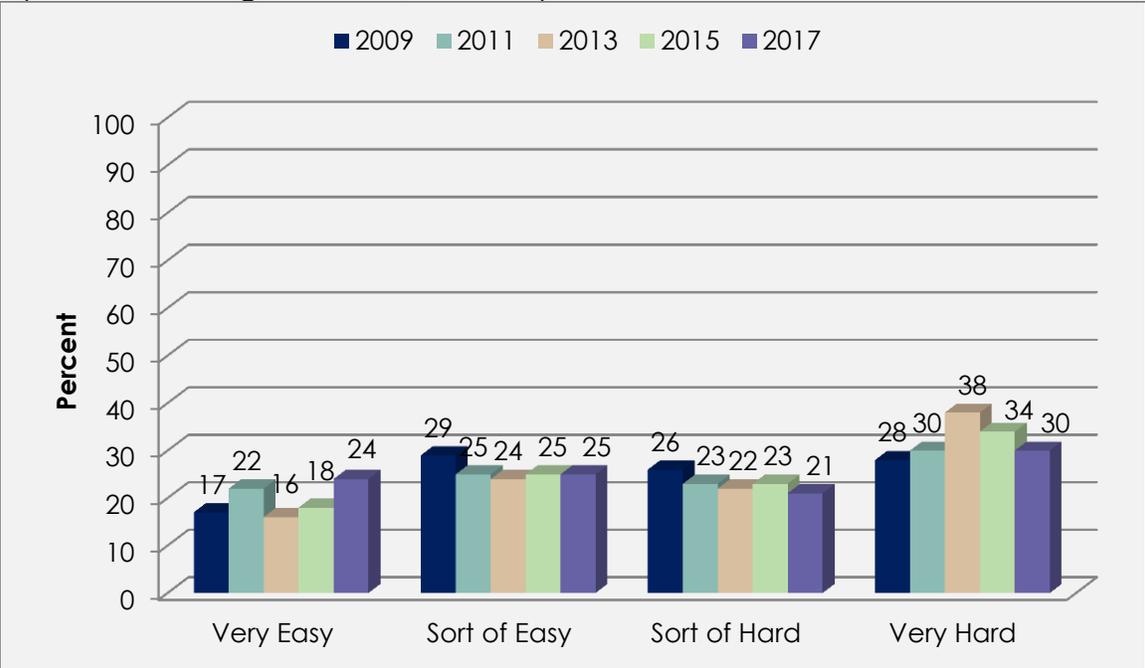
Note – Numbers may not add up to 100% due to rounding.

Figure 19. How many of your four best friends have tried alcohol when their parents didn't know about it in the past year?



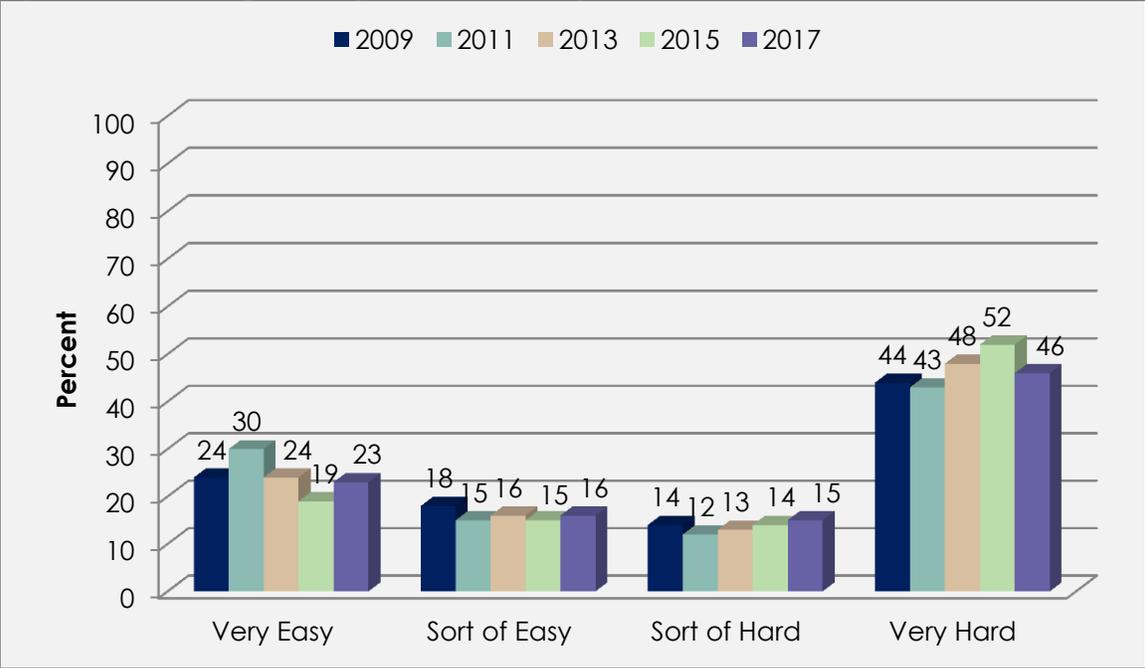
Note – Numbers may not add up to 100% due to rounding.

Figure 20. If you wanted to get alcohol, how easy would it be?



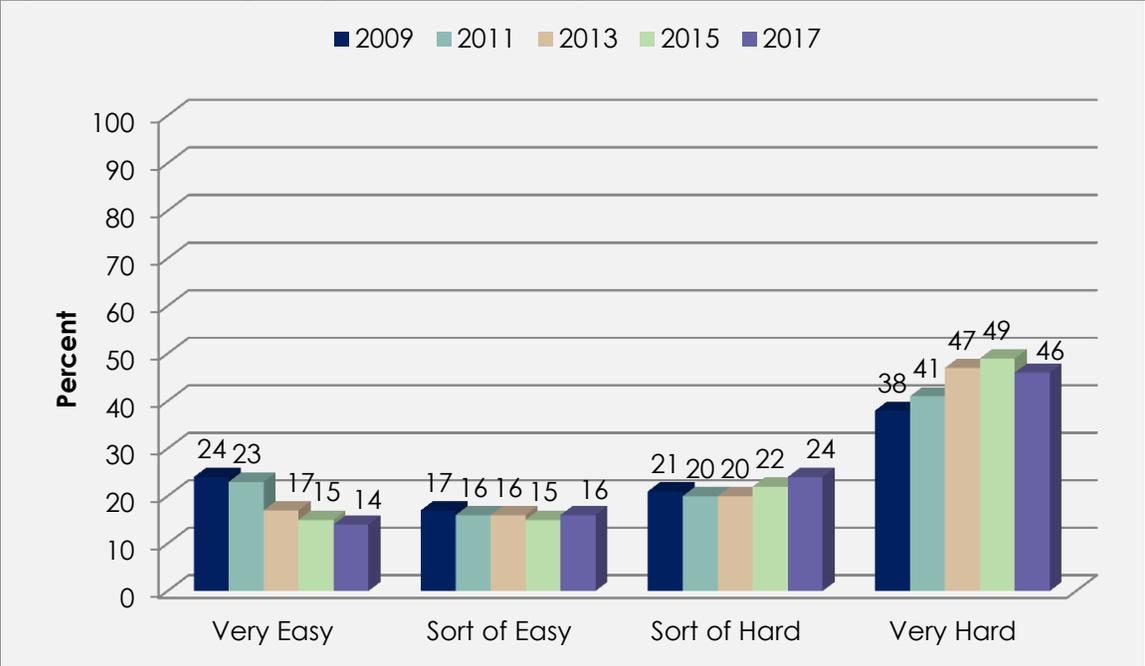
Note – Numbers may not add up to 100% due to rounding.  
 \*Difference in 2013 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.

Figure 21. If you wanted to get marijuana, how easy would it be?



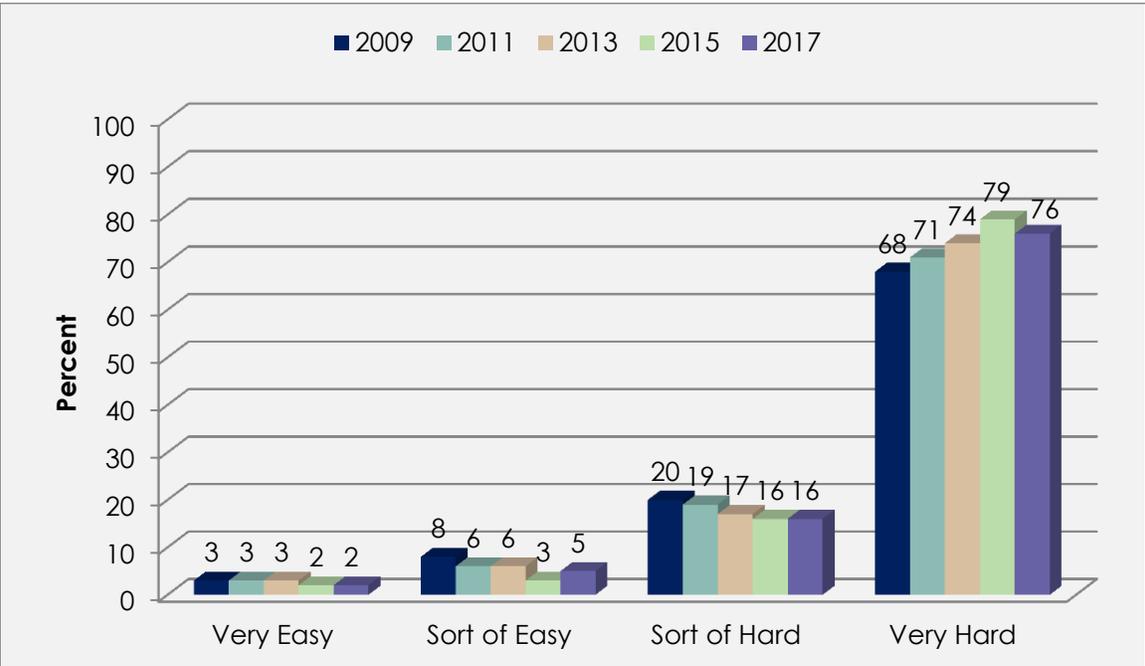
Note – Numbers may not add up to 100% due to rounding.  
 ^Difference in 2015 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.

Figure 22. If you wanted to get cigarettes, how easy would it be?



Note – Numbers may not add up to 100% due to rounding.  
 \*Difference in 2013 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.  
 ^Difference in 2015 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.  
 ~Difference in 2017 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.

Figure 23. If you wanted to get other drugs, such as cocaine, LSD, or amphetamines, how easy would it be?



Note – Numbers may not add up to 100% due to rounding.  
 \*Difference in 2013 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.  
 ^Difference in 2015 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.  
 ~Difference in 2017 response from 2009 response of “sort of hard” or “very hard” is significant at the 0.05 level.

Table 78. Have you ever ridden in a car driven by someone who had been smoking marijuana?

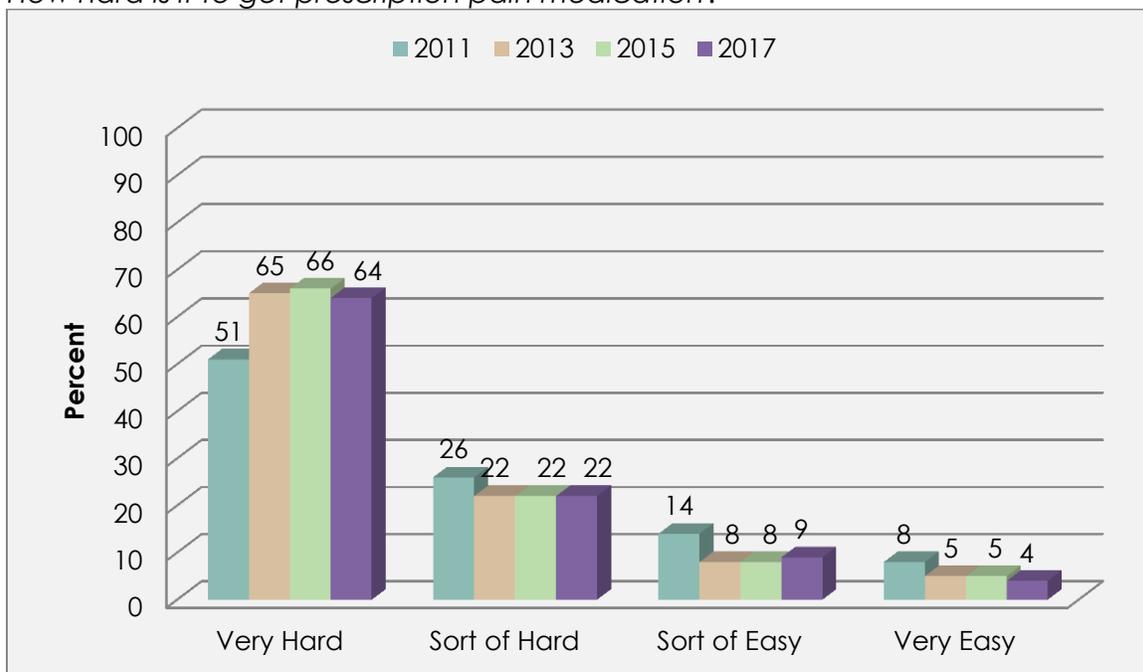
	No			Yes			Not Sure		
	13	15	17	13	15	17	13	15	17
6th	94	89	85	<1	<1	<1	5	11	14
7th	91	89	85	2	<1	2	7	11	13
8th	83	85	84	9	1	4	8	14	12
BMS	90	88	84	3	<1	2	6	11	13
9th	86	86	84	9	4	7	5	9	9
10th	74	67	75	17	26	17	9	7	8
11th	53	70	68	40	26	24	6	5	8
12th	51	50	47	42	41	42	6	8	11
BHS	66	70	71	28	22	20	7	7	9

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2013 administration.

BMS = Barrington Middle School BHS = Barrington High School

Figure 24. How hard is it to get prescription pain medication?



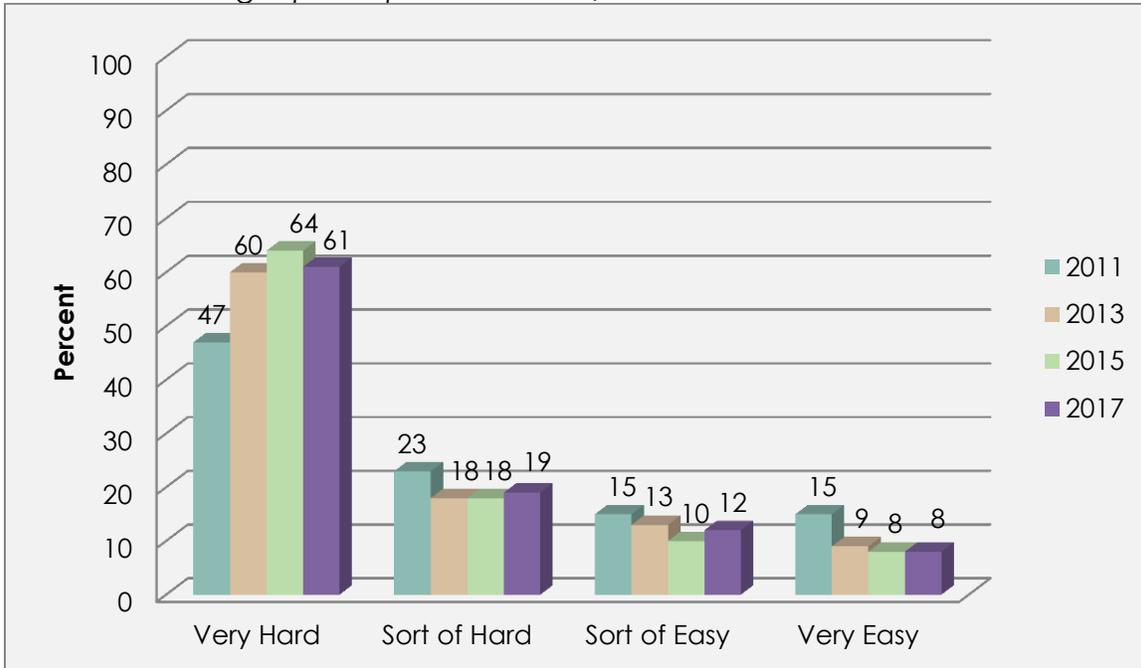
Note – Numbers may not add up to 100% due to rounding.

\*Difference in 2013 response from 2011 response of "sort of hard" or "very hard" is significant at the 0.05 level.

^Difference in 2015 response from 2011 response of "sort of hard" or "very hard" is significant at the 0.05 level.

~Difference in 2017 response from 2011 response of "sort of hard" or "very hard" is significant at the 0.05 level.

Figure 25. How hard is it to get prescription stimulant/ADHD medication?



Note – Numbers may not add up to 100% due to rounding.

\*Difference in 2013 response from 2011 response of “sort of hard” or “very hard” is significant at the 0.05 level.

^Difference in 2015 response from 2011 response of “sort of hard” or “very hard” is significant at the 0.05 level.

~Difference in 2017 response from 2011 response of “sort of hard” or “very hard” is significant at the 0.05 level.

Table 79. How did you get the last prescription pain medication that you took without a doctor's orders?

	11 (%)	13 (%)	15 (%)	17 (%)
Family has Rx and parents gave permission	3	3	1	<1
Family has Rx and took without permission	2	1	<1	<1
Friend has Rx and gave it to me	2	<1	<1	<1
Friend got it from their family and gave to me	<1	<1	<1	<1
Friend got it from someone else and gave to me	<1	<1	<1	<1
I bought it from drug dealer	<1	<1	<1	0
I bought it from internet	<1	<1	<1	0
I got it some other way	1	<1	<1	<1
I have never taken Rx without a doctor's orders	90	94	97	97

Note – Numbers may not add up to 100% due to rounding.

Table 80. How did you get the last prescription stimulant/ADHD medication that you took without a doctor's orders?

	11 (%)	13 (%)	15 (%)	17 (%)
Family has Rx and parents gave permission	2	1	<1	1
Family has Rx and took without permission	1	<1	<1	<1
Friend has Rx and gave it to me	3	3	1	1
Friend got it from their family and gave to me	<1	<1	<1	<1

	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
Friend got it from someone else and gave to me	<1	<1	<1	<1
I bought it from drug dealer	<1	<1	<1	<1
I bought it from internet	<1	<1	<1	<1
I got it some other way	1	<1	<1	<1
I have never taken Rx without a doctor's orders	91	94	96	96

Note – Numbers may not add up to 100% due to rounding.

Table 81. What is the most likely reason you or other students use prescription pain medication without a doctor's orders?

	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
Get high	27	21	17	19
Reduce stress	13	13	15	17
Get work done	2	2	3	2
Fit in	7	4	5	7
Relieve boredom	5	4	4	3
Don't know	45	57	57	52

Note – Numbers may not add up to 100% due to rounding.

Table 82. What is the most likely reason you or other students use prescription stimulant/ADHD medication without a doctor's orders?

	<u>11 (%)</u>	<u>13 (%)</u>	<u>15 (%)</u>	<u>17 (%)</u>
Get high	19	16	16	15
Reduce stress	9	7	8	10
Get work done	19	16	14	14
Fit in	6	4	4	6
Relieve boredom	5	4	3	3
Don't know	44	53	55	51

Note – Numbers may not add up to 100% due to rounding.

Table 83a. Past 30 Day Alcohol Use by Grades Received 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Mostly F's	43	30	63	67	60	21	10	25	33	20	7	20	0	0	20	7	20	0	0	0
Mostly D's	52	46	39	100	60	14	0	15	0	20	10	23	15	0	20	0	15	23	0	0
Mostly C's	60	56	67	77	79	17	20	18	11	11	8	7	8	9	6	5	6	5	0	4
Mostly B's	75	74	78	78	78	14	17	12	14	13	5	5	5	5	6	3	2	2	2	3
Mostly A's	89	87	90	90	87	6	9	8	7	9	3	2	2	2	3	<1	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

Table 83b. Past 30 Day Alcohol Use by Grades Received 10-40+ Times

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Mostly F's	7	0	13	0	0	0	10	0	0	0	14	10	0	0	0
Mostly D's	10	0	0	0	0	0	0	8	0	0	14	15	0	0	0
Mostly C's	4	3	3	0	0	3	2	0	0	0	4	6	0	3	1
Mostly B's	1	1	<1	<1	<1	<1	0	<1	<1	0	1	<1	<1	0	0
Mostly A's	<1	<1	0	<1	<1	0	<1	<1	<1	0	<1	<1	<1	0	0

Note – Numbers may not add up to 100% due to rounding.

Table 84a. Past 30 Day Alcohol Use by Religiosity 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Never	75	76	81	83	81	11	15	12	11	11	6	5	4	4	5	3	1	1	<1	2
Rarely	79	78	84	83	84	10	13	11	11	10	6	4	3	4	4	2	2	1	1	2
Once or twice a month	84	83	85	85	82	9	9	9	9	12	4	4	4	4	5	<1	<1	<1	1	<1
Once a week or more	85	83	88	93	87	9	11	8	5	9	2	3	2	1	3	2	2	2	<1	1

Note – Numbers may not add up to 100% due to rounding.

Table 84b. Past 30 Day Alcohol Use by Religiosity 10-40+ Times

	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
Never	2	<1	<1	<1	<1	<1	<1	<1	0	0	2	2	<1	<1	0
Rarely	<1	1	<1	<1	<1	<1	<1	0	0	0	2	<1	<1	0	<1
Once or twice a month	1	<1	<1	<1	<1	<1	<1	0	<1	0	<1	<1	<1	<1	0
Once a week or more	<1	1	<1	0	0	<1	<1	<1	<1	0	<1	<1	0	0	0

Note – Numbers may not add up to 100% due to rounding.

Table 85a. Past 30 Day Alcohol Use by Sports Team Involvement 0-9 Times

	<u>0 times</u>					<u>1-2 times</u>					<u>3-5 times</u>					<u>6-9 times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
No	84	78	87	86	86	9	14	7	10	8	4	5	4	3	4	2	2	1	<1	1
Yes	77	80	82	85	82	12	11	12	10	11	5	4	3	3	4	2	2	1	1	2

Note – Numbers may not add up to 100% due to rounding.

Table 85b. Past 30 Day Alcohol Use by Sports Team Involvement 10-40+ Times

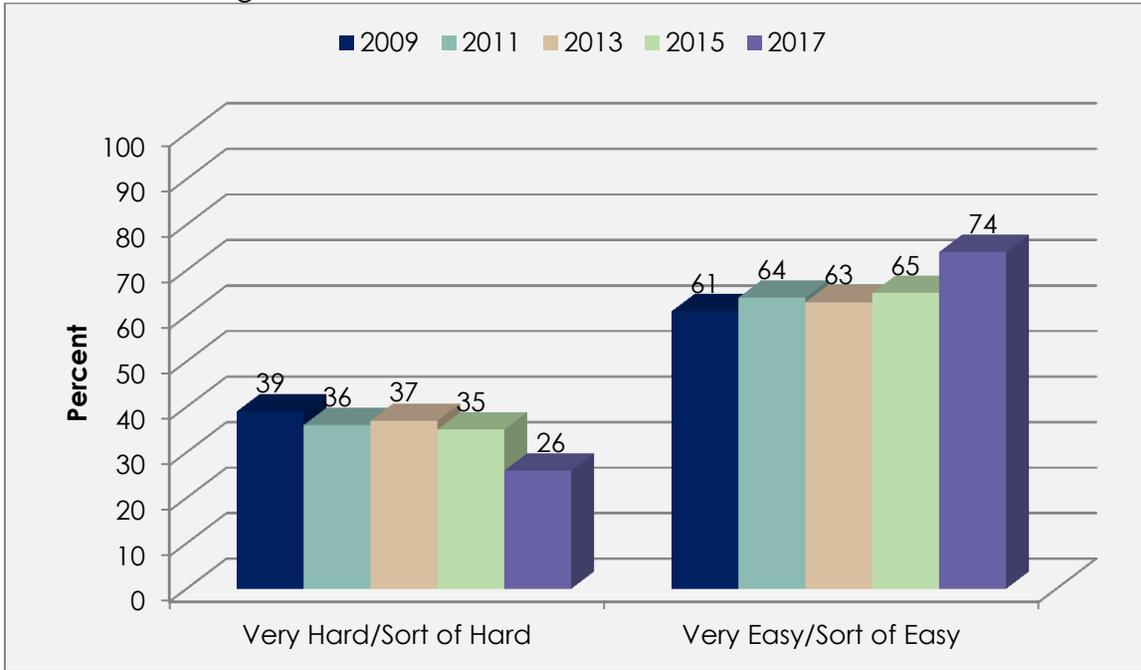
	<u>10-19 times</u>					<u>20-39 times</u>					<u>40+ times</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
No	1	<1	<1	<1	<1	<1	<1	<1	0	0	1	<1	<1	<1	0
Yes	2	2	<1	<1	<1	<1	<1	<1	<1	0	1	<1	<1	0	<1

Note – Numbers may not add up to 100% due to rounding.

The youth were asked how difficult it is to get alcohol, and from whom they obtained alcohol the last time they drank.

Figure 26 and Table 86 below represent responses from only the youth who did not respond by saying they have never had a drink.

Figure 26. How hard is it to get alcohol?



Note – Numbers may not add up to 100% due to rounding.

Table 86. Ease of Accessing Alcohol vs. How Last Alcoholic Drink was Obtained

	Hard					Easy				
	09	11	13	15	17	09	11	13	15	17
Got it myself	5	<1	5	2	8	4	2	4	3	5
21+ Friend	8	10	4	4	10	11	13	11	10	7
Friend Under 21	4	5	12	9	5	8	8	21	16	17
21+ Family	19	16	19	22	16	13	12	11	13	12
Family Under 21	2	<1	<1	4	0	2	1	1	1	1
Took it from my home	11	9	16	10	8	12	14	14	10	15
Took it from someone else's home	6	7	5	3	8	7	6	5	8	6
At Event or Party	26	24	22	27	26	25	27	22	29	24
Other	19	26	18	18	19	18	16	10	10	13

Note – Numbers may not add up to 100% due to rounding.

Table 87a. Past 30 Day Alcohol Use by Perception of Alcohol Used by Friends 0-9 Times

	0 times					1-2 times					3-5 times					6-9 times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
None	98	97	98	98	99	2	2	1	1	1	<1	<1	<1	<1	<1	<1	<1	0	0	0
Some	73	73	80	79	79	20	21	15	18	17	4	4	3	2	3	<1	1	<1	<1	0
Half	54	52	47	46	57	33	33	36	38	27	7	8	8	15	13	3	2	3	2	3
Most	25	32	31	24	39	30	34	47	44	37	29	19	17	21	14	9	8	5	8	6
Nearly All	17	18	17	21	17	16	31	38	40	39	21	21	23	23	28	16	7	13	7	15

Note – Numbers may not add up to 100% due to rounding.

Table 87b. Past 30 Day Alcohol Use by Perception of Alcohol Used by Friends 10-40+ Times

	10-19 times					20-39 times					40+ times				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
None	0	0	0	<1	0	<1	0	0	0	0	0	0	<1	0	0
Some	2	<1	<1	0	<1	0	<1	0	0	0	2	0	1	0	<1
Half	0	5	3	0	0	0	0	2	0	0	2	0	0	0	0
Most	4	4	0	2	3	0	2	0	0	0	2	2	0	1	0
Nearly All	13	6	6	0	1	6	2	3	5	0	12	14	1	4	0

Note – Numbers may not add up to 100% due to rounding.

Table 88. Barrington Middle School Past 30 Day Alcohol Use by Perception of Parental Disapproval

	Very Wrong					Wrong					A Little Bit Wrong					Not Wrong at All				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
0 Times	94	94	89	90	87	4	4	4	7	9	<1	1	2	2	2	<1	<1	5	1	2
1-2 Times	69	54	73	64	79	19	31	20	18	16	12	15	7	9	0	0	0	0	9	5
3-5 Times	50	0	100	0	50	50	50	0	100	0	0	50	0	0	0	0	0	0	0	50
6-9 Times	100	0	50	N/A <sup>1</sup>	0	0	0	50	N/A <sup>1</sup>	0	0	0	0	N/A <sup>1</sup>	0	0	100	0	N/A <sup>1</sup>	100
10-19 Times	100	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>
20-39 Times	100	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0
40+ Times	N/A <sup>1</sup>	0	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	100	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	0	N/A <sup>1</sup>	N/A <sup>1</sup>	N/A <sup>1</sup>	0	100	N/A <sup>1</sup>	N/A <sup>1</sup>

<sup>1</sup> There were no students who answered with this response for past 30 day alcohol use for this survey year.

Note – Numbers may not add up to 100% due to rounding.

Table 89. Barrington High School Past 30 Day Alcohol Use by Perception of Parental Disapproval

	<u>Very Wrong</u>					<u>Wrong</u>					<u>A Little Bit Wrong</u>					<u>Not Wrong at All</u>				
	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17	09	11	13	15	17
0 Times	84	82	84	82	85	13	15	10	11	9	1	2	3	3	3	1	<1	2	4	3
1-2 Times	53	54	75	70	73	30	33	18	18	18	14	12	4	8	8	2	2	3	5	3
3-5 Times	55	52	61	74	73	31	31	20	22	15	11	16	5	2	9	3	2	14	2	4
6-9 Times	21	42	47	38	65	48	38	20	38	20	21	21	13	23	10	10	0	20	0	5
10-19 Times	36	31	43	0	80	26	38	57	50	20	16	25	0	0	0	21	6	0	50	0
20-39 Times	40	20	33	33	0	0	0	33	33	0	60	60	0	0	0	0	20	33	33	0
40+ Times	56	29	40	33	0	22	21	40	33	100	17	14	20	33	0	6	35	0	0	0

Note – Numbers may not add up to 100% due to rounding.

### Electronic Cigarettes

During the 2015 youth survey administration, the BAY Team incorporated questions related to electronic cigarette use and perceptions including past 30-day use of various tobacco and marijuana products that were maintained for the 2017 youth survey administration.

Table 90. Past 30 Day Use of Electronic Cigarettes by Grade and School

	<u>Never</u>		<u>Once or Twice</u>		<u>Once or Twice Per Week</u>		<u>About Once a Day</u>		<u>More than Once a Day</u>	
	15	17	15	17	15	17	15	17	15	17
6th	100	99	0	<1	0	0	0	0	0	<1
7th	99	99	<1	<1	0	0	<1	0	0	0
8th	99	97	<1	2	0	1	0	<1	<1	0
BMS	99	98	<1	1	<1	<1	<1	<1	<1	<1
9th	96	86*	2	8	2	3	0	<1	<1	2
10th	79	81	7	7	4	4	4	3	6	4
11th	82	80	11	9	2	6	<1	1	4	4
12th	81	63*	13	15	4	8	<1	6	1	8
BHS	86	79*	8	10	3	5	1	2	3	5

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2015 response is significant at the 0.05 level.

Table 91. Past 30 Day Use of Electronic Cigarettes by Gender

	<u>Never</u>		<u>Once or Twice</u>		<u>Once or Twice Per Week</u>		<u>About Once a Day</u>		<u>More than Once a Day</u>	
	15	17	15	17	15	17	15	17	15	17
Male	90	85	5	6	2	4	<1	2	3	4
Female	94	90	4	6	2	2	<1	<1	<1	<1

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

\* Difference from 2015 response is significant at the 0.05 level.

Table 92. Lifetime Electronic Cigarette Use by Grade and School

	<u>Never</u>		<u>Once or Twice</u>		<u>Once in a while, but not regularly</u>		<u>Regularly in the past</u>		<u>Regularly now</u>	
	15	17	15	17	15	17	15	17	15	17
6th	100	99	0	<1	0	<1	0	0	0	0
7th	97	98	1	2	1	0	<1	0	<1	0
8th	96	94	4	4	0	2	0	<1	<1	<1
BMS	98	97	1	2	<1	<1	<1	<1	<1	<1

	<u>Never</u>		<u>Once or Twice</u>		<u>Once in a while, but not regularly</u>		<u>Regularly in the past</u>		<u>Regularly now</u>	
	15	17	15	17	15	17	15	17	15	17
9th	89	83*	5	6	4	5	<1	2	<1	5
10th	64	74*	16	8	10	9	3	2	8	7
11th	72	70	13	11	10	11	<1	2	4	6
12th	72	51*	11	11	13	17	3	6	2	14
BHS	86	71*	6	9	5	10	<1	3	2	7

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2015 response is significant at the 0.05 level.

Table 93. Do you believe that electronic cigarettes or e-cigarettes, such as Blu, Ruyan, or NJOY are (LESS HARMFUL, EQUALLY HARMFUL, or MORE HARMFUL) than regular cigarettes?

	<u>Less Harmful</u>		<u>Equally Harmful</u>		<u>More Harmful</u>		<u>Never Heard of Electronic Cigarettes</u>		<u>I Don't Know Enough about these Products</u>	
	15	17	15	17	15	17	15	17	15	17
6th	21	12	32	26	2	5*	5	12	41	46
7th	15	17	32	54	6	7	3	3	44	20
8th	32	33	28	36	4	3	3	1	33	27
BMS	22	20*	31	39	4	5	3	5	40	31
9th	32	34	29	35	2	6	1	<1	36	24
10th	37	36	31	36	5	3	2	0	24	26
11th	44	37*	25	41	5	3	<1	<1	26	19
12th	40	46	28	31	8	3*	1	1	23	19
BHS	30	38	29	36	4	4	2	<1	34	22

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2015 response is significant at the 0.05 level.

Table 94. Reported Past 30 Day Use of Tobacco and/or Marijuana Products by Grade and School

	<u>Roll-Your-Own Cigarettes</u>		<u>Bidis</u>		<u>Clove Cigarettes</u>		<u>Snus</u>		<u>Smoking Tobacco from a Hookah or Waterpipe</u>		<u>Electronic Cigarettes</u>		<u>Marijuana-Infused Products or Edibles</u>		<u>Other</u>		<u>Not Used</u>	
	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17
6th	<1	1	0	0	0	<1	0	<1	0	<1	0	1	0	<1	<1	0	98	96
7th	0	0	0	0	<1	0	<1	0	<1	0	1	<1	0	<1	0	0	97	99
8th	1	0	<1	<1	<1	0	<1	<1	<1	0	2	5	1	2	<1	<1	96	94

	<u>Roll-Your-Own Cigarettes</u>		<u>Bidis</u>		<u>Clove Cigarettes</u>		<u>Snus</u>		<u>Smoking Tobacco from a Hookah or Waterpipe</u>		<u>Electronic Cigarettes</u>		<u>Marijuana-Infused Products or Edibles</u>		<u>Other</u>		<u>Not Used</u>	
	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17	15	17
BMS	<1	<1	<1	<1	<1	0	<1	<1	<1	0	1	2	<1	<1	<1	<1	97	97
9th	<1	0	0	0	0	0	0	<1	1	0	5	20*	2	2	1	0	93	78*
10th	3	3	0	1	<1	<1	5	1*	3	<1	19	24	6	8	3	1	75	73
11th	2	3	0	0	<1	0	3	4	4	<1	21	22	8	8	3	<1	74	73
12th	2	4	1	<1	<1	0	2	0	2	<1	19	35*	10	16	3	2	71	59*
BHS	2	2	<1	<1	<1	<1	2	2	2	<1*	15	25*	6	8	3	1*	79	72*

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2015 response is significant at the 0.05 level.

Table 95. Reported Contents of Electronic Cigarette Device in the Past 30 Days by Grade and School

	<u>Marijuana (e.g. dabs, shatter, wax, etc.)</u>		<u>Nicotine</u>		<u>Tobacco</u>		<u>Other</u>	
	15	17	15	17	15	17	15	17
6th	<1	0	0	<1	0	1	1	0
7th	0	<1	<1	<1	<1	0	<1	0
8th	1	2	2	4	<1	1	1	1
BMS	<1	<1	<1	2	<1	<1	<1	<1
9th	1	1	1	17*	<1	2	1	0
10th	8	2*	14	21	5	2	4	1
11th	6	6	14	17	3	2	3	2
12th	10	12	10	32*	4	7	2	0
BHS	6	5	9	21*	3	3	3	<1*

Note – Numbers may not add up to 100% due to rounding.

Note – This item was added to the Barrington Risk and Protective Factor Youth Survey for the 2015 administration.

BMS = Barrington Middle School BHS = Barrington High School

\* Difference from 2015 response is significant at the 0.05 level.

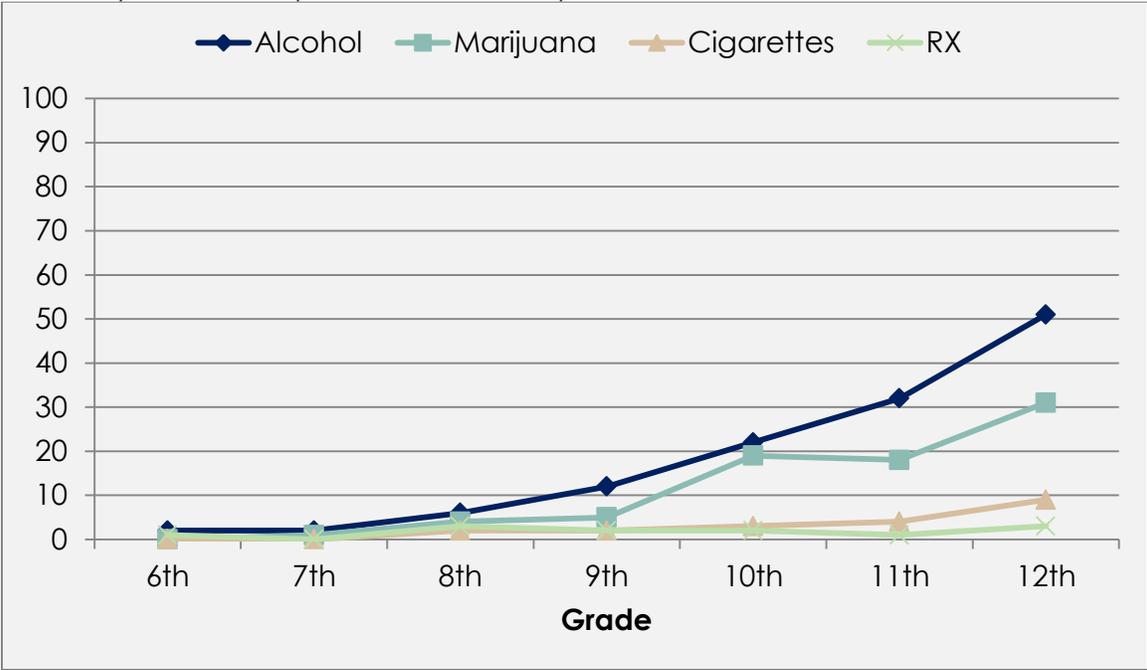
### SUMMARY OF KEY FINDINGS

The sections below highlight and summarize key significant findings reported above in the areas of substance use, perceived risk of harm, perceived parent and peer disapproval, and intent to use.

### Substance Use

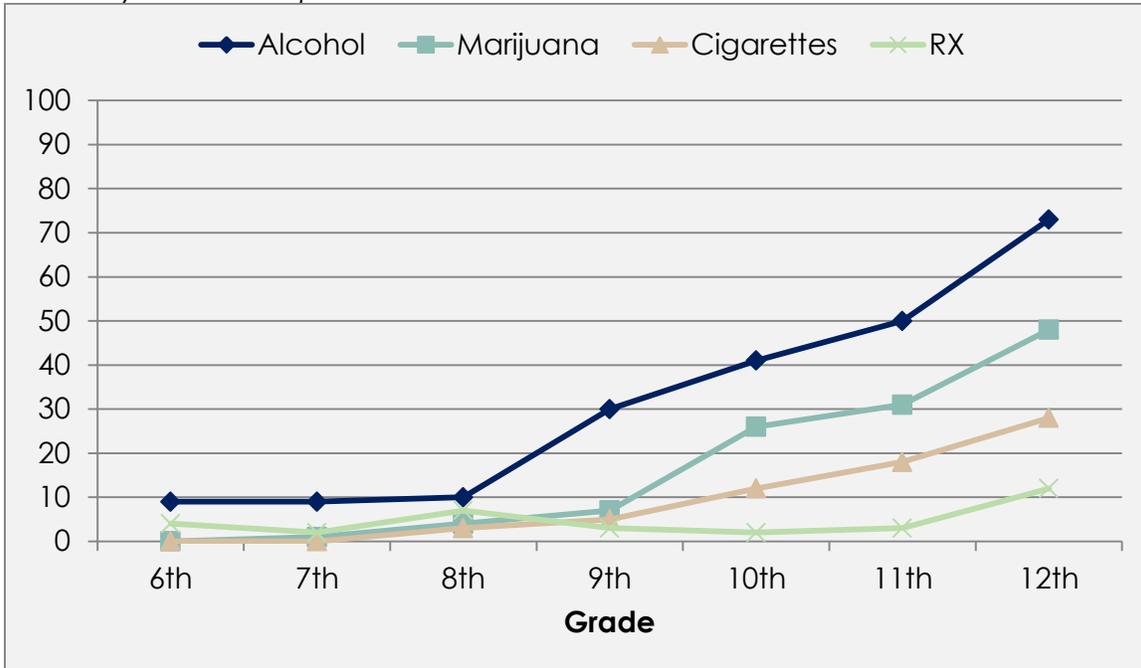
As displayed in Figure 27, alcohol continued to be the most commonly used substance in 2017, with 3% in the middle school and 27% in the high school reporting drinking in the past 30 days. Use of alcohol was followed by marijuana, with 1% in the middle school and 17% in the high school reporting past 30-day use.

Figure 27. Summary for 2017 Reports of Past 30 Day Use across Grade Levels



These two substances were also the most common for lifetime use in the 2017 survey, as displayed in Figure 28. Thirteen percent of middle school students and 46% of high school students have ever used alcohol. Two percent of middle school students and 26% of high school students have ever used marijuana.

Figure 28. Summary for 2017 Reports of Lifetime Substance Use across Grade Levels



During 2017, the sharpest jump in past 30-day use of alcohol was between 11th and 12th grade students and marijuana was between 9th and 10th grade students. The increase in percent reports of use increased 19 points for past 30-day alcohol use, 14 points for past 30-day marijuana use, 23 points for ever used alcohol, and 19 for ever used marijuana.

Table 96 below displays statistically significant results when comparing the incidence of substance use per grade and school as reported by students in 2009 versus 2017. The table is organized by substance and level of use (past 30 day and lifetime).

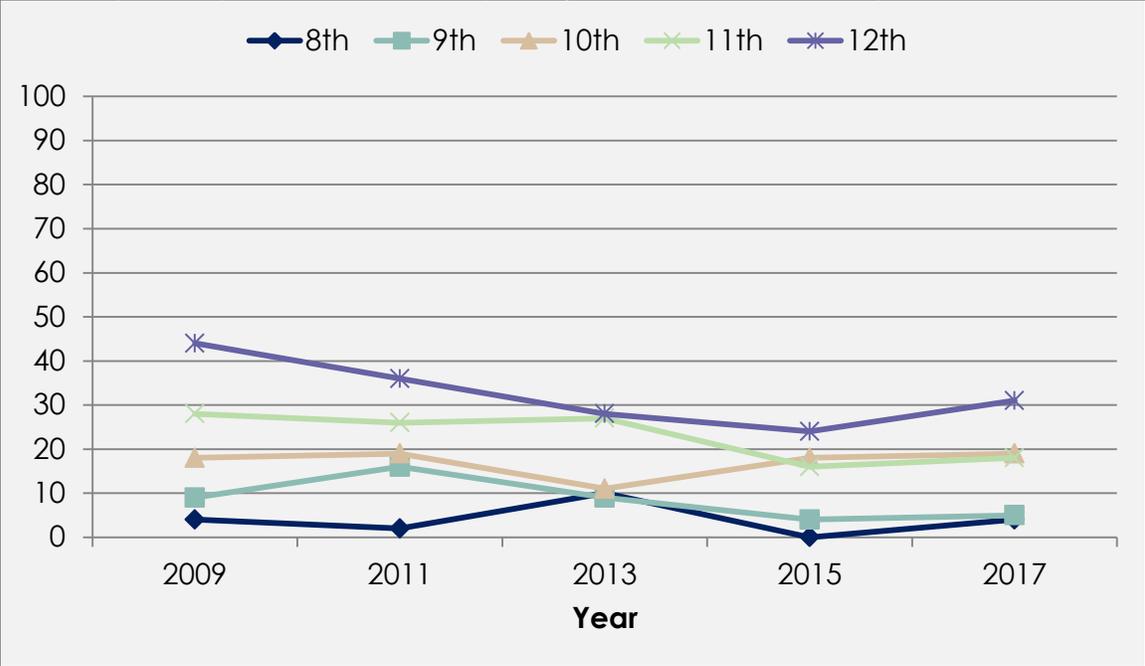
Table 96. Summary of Statistically Significant Changes from 2009 to 2017 in Incidence of Substance Use

Substance	Lower Incidence of Past 30 Day Use	Lower Incidence of Lifetime Use
Alcohol	8th Grade	7th, 8th Grade, BMS, 10th Grade, 11th Grade, BHS
Marijuana	11th Grade, 12th Grade, BHS	11th Grade, BHS
Cigarettes	9th Grade, 10th Grade, 11th Grade, 12th Grade, BHS	8th Grade, BMS, 9th Grade, 10th Grade, 11th Grade, 12th Grade, BHS
Prescription Drugs	7th Grade, BMS, 9th Grade, 10th Grade, 11th Grade, 12th Grade, BHS	7th Grade, BMS, 9th Grade, 10th Grade, 11th Grade, 12th Grade, BHS

Since 2009, a relatively larger proportion of both Barrington Middle School and High School students have refrained from using alcohol, cigarettes, marijuana, and prescription drugs recently, if at all.

The findings for marijuana use varied. Results for past 30-day use from eighth through twelfth grade are displayed in Figure 29 below. Since the 2009 survey, relatively fewer Barrington High School students have used this substance in the past 30 days. Particularly, there had been an incremental decrease in recent marijuana use reported for the twelfth grade from 2009 through 2015, with a moderate uptick in recent use reported in 2017.

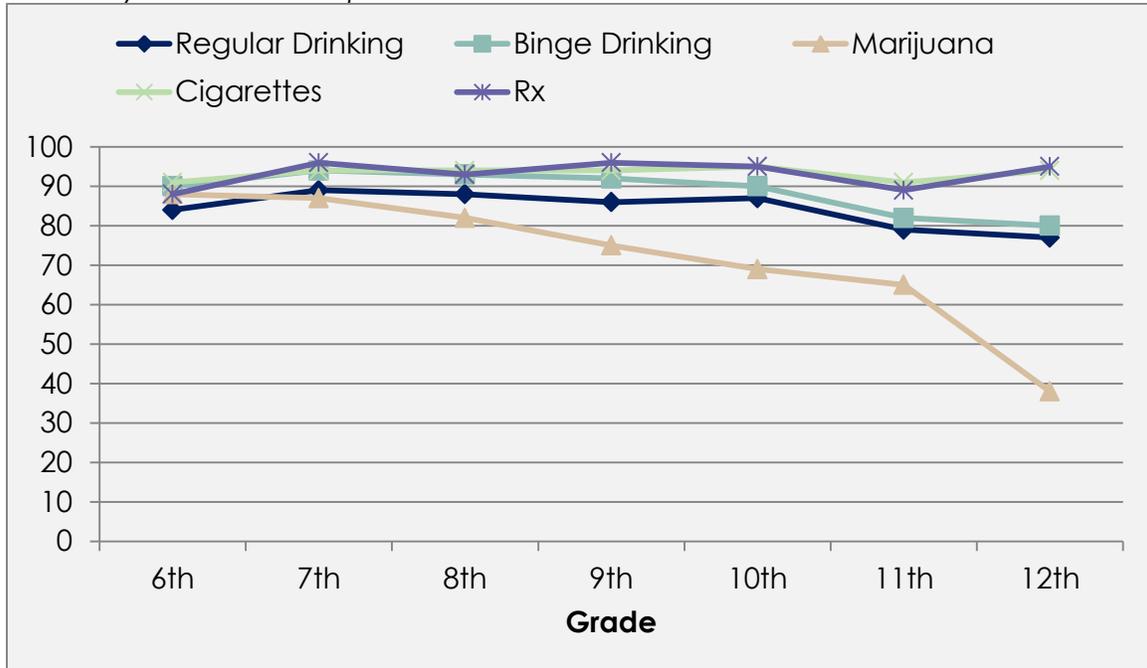
Figure 29. Summary for Reports of Past 30 Day Marijuana Use across Timepoints



### Perception of Risk

As displayed in Figure 30, a vast majority of students in grades six through twelve perceived moderate or great risk of harm in drinking regularly, binge drinking, cigarettes, and prescription drugs. In general, perceptions did not differ among these substances for middle school students while they were slightly varied as grade level increased, with highest risk being attributed to cigarettes and prescription drugs among students in the twelfth grade. Perceptions of risk of marijuana use were lower for students beginning in the ninth grade and substantially decreased across grade levels from that point forward. The largest difference in rates across grades for perception of risk of marijuana use occurred between the eleventh and twelfth grades. Specifically, the rate of students perceiving moderate or great risk of harm fell 27 percentage points from 65% for eleventh graders to 38% for twelfth graders.

Figure 30. Summary for 2017 Perceptions of Moderate or Great Risk across Grade Levels



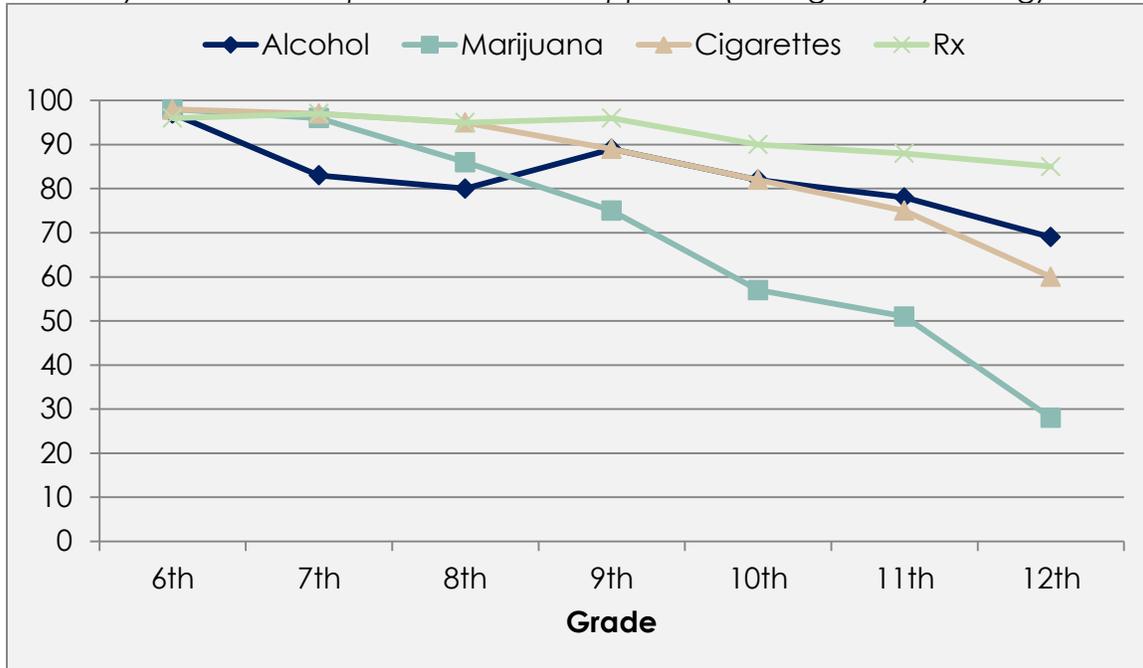
Compared to the 2009 survey, student perception of risk of harm changed statistically for cigarette and marijuana use. Greater proportions of students perceived moderate or great risk of harm in smoking marijuana once or twice a week in the sixth, seventh, eighth, ninth, and twelfth grades as well as the Barrington Middle and High School overall. However, fewer students perceived moderate or great risk of harm in regularly using marijuana in the tenth and eleventh grades. With that said, there seems to be an increase in perception of risk for marijuana use since the previous survey administration period.

### Perception of Parent and Peer Disapproval

The vast majority of students reported that their parents disapproved of substance use, regardless of type of substance. There have been significant increases in reports of parent disapproval in the eighth grade for marijuana and the Barrington Middle School for alcohol. Disapproval of marijuana has decreased six percentage points to 80% since 2009, specifically only 80% of students in the twelfth grade reported parental disapproval. Similarly, 95% of eighth graders, down 3 percentage points from 2009, and 92% of tenth graders, down 3 percentage points from 2009, reported parental disapproval of marijuana use. In addition, 94% of eighth graders, down 3 percentage points from 2009, and 91% of eleventh graders, down 3 percentage points from 2009, reported parental disapproval of alcohol use.

Figure 31 displays reports of peer disapproval across grades in 2017. As with perceptions of risk, most students report their peers disapprove of alcohol, cigarettes, and prescription drugs. Similarly, to perceptions of risk, perceptions of peer disapproval do not vary substantially across substances at the middle school level but begin to differentiate as grade level increases, with peer disapproval for marijuana decreasing substantially across high school grade level.

Figure 31. Summary for 2017 Perceptions of Peer Disapproval (Wrong or Very Wrong)

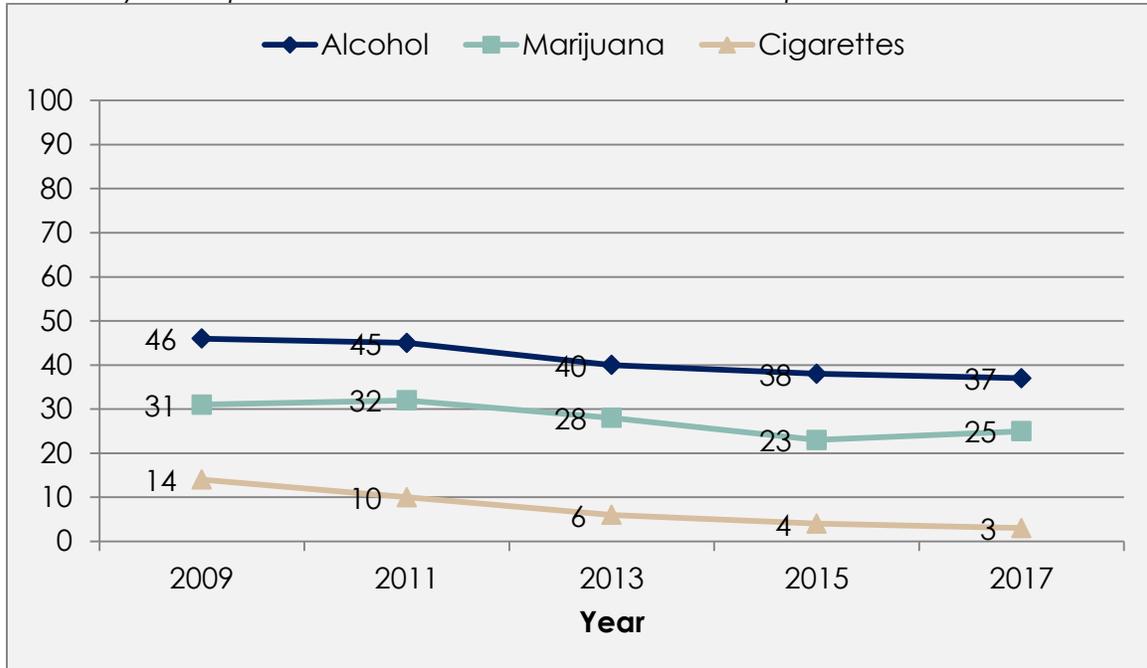


### Intent to Use

As displayed in Figure 32, intent to use has generally gone down at the Barrington High School across time. In 2017, alcohol continued to rank the highest among substances in the high school, with 37% of students reporting that they intend to drink in the next two years. Notably, this rate has dropped significantly since 2009, when 46% of high school students intended to drink. When assessing change in rates across grade level, improvement was observed for the tenth grade students as well as the Barrington Middle and High School overall, specifically with 32% of tenth graders reporting they intend to drink in the next two years in 2017 (down from 44% in 2009). Similarly, improvement was observed for the Barrington High School overall for intent to use marijuana, with 25% of Barrington High School youth reporting they intend to use marijuana in the next two years in 2017 (down from 31% in 2009).

The most consistent statistically significant change since the first data collection point in 2009 for intent to use continued to be related to cigarettes. Significantly lower proportions of students intended to use cigarettes in the next two years in eighth grade, tenth grade, eleventh grade, twelfth grade, as well as the Barrington Middle School and Barrington High School overall. For all high school students, the number has dropped from 14% intending to smoke in 2009, to 10% in 2011, to 6% in 2013, to 4% in 2015, and again to 3% in 2017.

Figure 32. Summary for Reports of Intent to Use at BHS across Timepoints



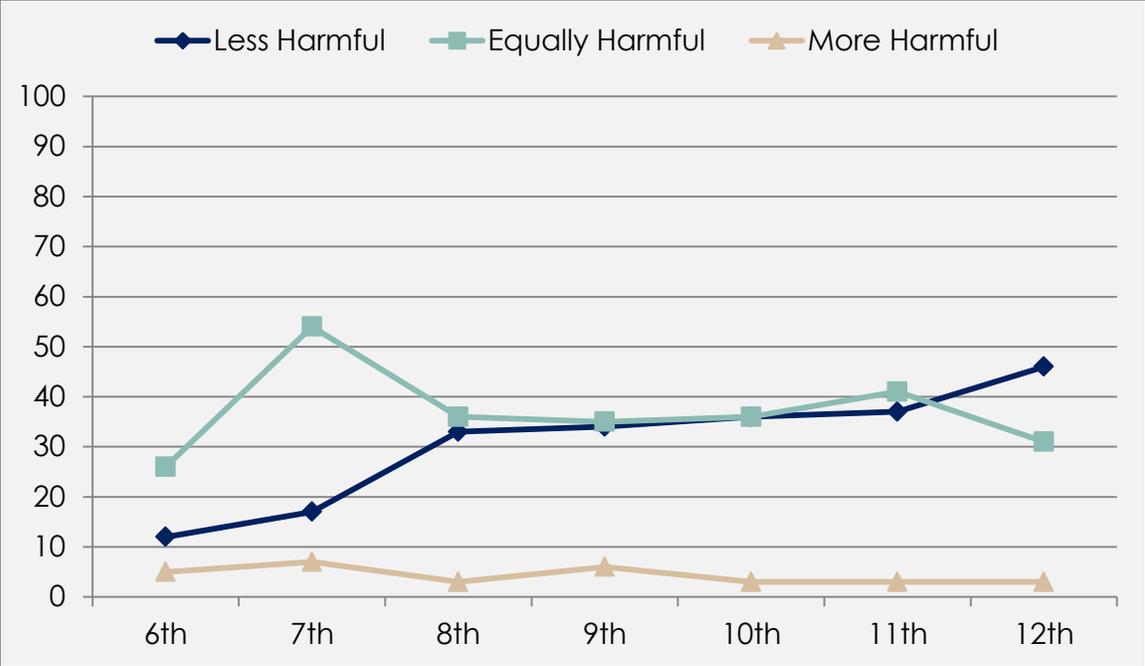
### Electronic Cigarette Use & Perceptions

During the 2015 and 2017 youth survey administration, the BAY Team incorporated questions related to electronic cigarette use and perceptions including past 30 day use of various tobacco and marijuana products. Although reports of electronic cigarette use were minimal, higher incidence of use were reported with age. The biggest jumps were observed between eighth graders (3% reported past 30-day use, 6% reported lifetime use) and ninth graders (14% reported past 30-day use, 17% reported lifetime use) as well as eleventh graders (20% reported past 30-day use, 30% reported lifetime use) and twelfth graders (37% reported past 30-day use, 49% reported lifetime use)

When specifically asked about past 30 day use of tobacco and marijuana products, twelfth grade students reported the greatest use with 16% reporting use of marijuana-infused products or edibles and 35% reporting electronic cigarette use, primarily containing either marijuana such as dabs, shatter, and/or wax (12%) or nicotine (21%). This is particularly concerning as new formulations of marijuana either in the form of edibles or vapor products may have substantially higher concentrations of tetrahydrocannabinol (THC) than marijuana (Hopfer, 2014) exposing adolescents to higher risk. Furthermore, ninth (20%) and twelfth grade (35%) students reported statistically significant more recent use of electronic cigarettes in 2017 when compared to 2015.

Perception of risk varied as seen in Figure 33. Overall, youth in twelfth grade perceived electronic cigarettes less harmful when compared to regular cigarettes, while seventh grade students perceived electronic and traditional cigarettes equally harmful. As alternative tobacco and marijuana products continue to become popular, the BAY Team may benefit from observing use patterns and assessing whether it affects the use and perceptions of cigarette use.

Figure 33. Perceptions of Risk for Electronic Cigarettes compared to Regular Cigarettes across Grade Levels



## CONCLUSIONS

The findings from the 2017 BAY Team Youth Survey demonstrate a number of successes since the previous survey and the beginning of the project, particularly related to the incidence of substance use at the middle and high school level. Reports of recent use decreased substantially since the first round of survey administration in 2009 for marijuana, cigarettes, and prescription drugs at the high school level. Reports of lifetime use decreased significantly since the first round of surveys in 2009 across all substances at the middle and high school level. Most noteworthy, lower incidence of recent and/or lifetime use for prescription drugs were reported for seventh grade, ninth through twelfth grade, middle school, and high school youth. These findings suggest a trend in decreased normalcy and acceptability of using prescription drugs, which are consistent with national trends concerned with the opioid epidemic and high incidence of overdose related deaths.

Positive results were also found in the decrease of intent to use at the Barrington high school, where significantly fewer students than in previous years reported intent to use alcohol, marijuana, or cigarettes. For instance, in 2017, 9% less high school youth reported intent to use alcohol and only 3% reported intent to use cigarettes, which is a staggering 11% decrease. These finding suggests that high school youth in 2017 are more equipped than the youth eight years ago to understand the risk of harm related to using these substances and to make more informed decisions about their behavior. In addition, risk factors related to perceived availability of drugs has decreased significantly from 2009, with 7% of respondents reporting less perceived availability. While, protective factors related to the family domain have increased since 2009, with 7% of respondents reporting increased opportunities for prosocial involvement.

Similar to the previous survey administration, perceptions of risk and disapproval consistently were lower for marijuana than the other substances and for Barrington middle school and high school students in 2017 when compared to the beginning of the funding period in 2009. While this corresponds with national trends and may be related to the decriminalization of marijuana in a number of states, these results highlight the need to continue community-wide efforts to educate and communicate with both youth and parents about the risks associated with marijuana use and abuse. Although, it is important to note that Barrington middle school students' perception of the high school youth marijuana use has significantly changed in 2017 when compared to 2011. For instance, 25% of the middle school youth reported that they thought none of the high school youth were using marijuana, a 7% increase since 2011. This demonstrates a gradual improvement in perceptions of social norms over time, which should be a continued prevention effort.

Although the use of traditional cigarettes has steadily decreased over time, electronic cigarette use is on the rise nationally and for Barrington youth. In 2017, ninth, twelfth, and high school youth overall reported increased recent and lifetime use of electronic cigarettes. However, perceptions of risk for electronic cigarettes compared to regular cigarettes varied across grades. For instance, youth in eleventh grade and the Barrington middle school overall reported significantly fewer perceptions that electronic cigarettes were less harmful than traditional cigarettes. Furthermore, youth in the seventh, eighth, ninth, tenth, eleventh, and twelfth grade reported higher rates of perceptions that electronic cigarettes were equally as harmful as traditional cigarettes. This suggests, that youth are becoming more informed about the dangers of electronic cigarettes. As alternative tobacco and/or marijuana products continue to become normalized and accepted, this is an important area for continued prevention efforts.

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