

## **Evaluator Report: Best Practices Grant, Lyme-Old Lyme, Connecticut**

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### ***The Evaluation Approach***

In general, evaluation of prevention programs begins with a strategic plan which identifies a target population and a set of specific objectives. The target population is defined by the region to be served and by the objectives. The objectives are selected from a list of prevalent issues, and are based on evaluation of the baseline conditions of the community, using surveys and public records.

Evaluation is based on both short-term (process) and long-term outcomes. Short-term evaluation tracks details of the processes, such as attendance at prevention-related training and functions, or the amount of media coverage. Records are entered regularly, under supervision of the coalition coordinator, into the official on-line database, from which they should be retrievable. Long-term outcomes are evaluated by surveying youth, parents and other adults, to determine practices and perceptions related to alcohol use. The surveys are conducted and reported upon by a coalition evaluator, usually an independent contractor. Outcomes are evaluated by analysis of trends within the target population, and by comparison with national and regional survey data, available on-line. The Youth Risk Behavior Surveillance (YRBS) survey [2, 3, 4, 5] is conducted in odd-numbered years in grades 9-12. YRBS results for 2013 have not yet been released. The Monitoring The Future survey (MTF) [6] is conducted every year in grades 8, 10, and 12.

Three primary risk factors were identified in the strategic plan issued in October, 2010 [1]: (1) easy access to alcohol, especially social access in homes; (2) low perception among youth of the risk of harm from regular consumption of alcohol; and (3) low enforcement of underage drinking laws. This report documents changes related to these risk factors, as well as the prevalence of alcohol consumption, both lifetime and current (any amount more than a sip in the 30 days prior to the survey). Lyme-Old Lyme data are derived from surveys of community youth and adults, conducted by Quantitative Services and Southeastern Conn. Regional Action Council.

### ***Analysis of Trends***

Results from four surveys in Lyme-Old Lyme public schools are tabulated, from the years 2006, 2009, 2011 and 2013. Current use (in the 30 days prior to the survey) and lifetime use of alcohol are presented, by grade and by gender (Tables 1, 2). Trends of decreasing use are apparent for both girls and boys. Linear regression analysis of prevalence vs. year reveals that the decreases are highly statistically significant ( $p < 0.001$ ). The largest decreases occurred between 2009 and 2011, following adoption of the coalition's strategic plan in 2010 [1], and implementation of prevention activities. Comparison of experience in Lyme-Old Lyme can be compared with national and Connecticut statistics, by gender and by grade, in Tables 3 and 4 (YRBS) and Table 5 (MTF). The YRBS data includes confidence

bounds, so it is possible to tell at a glance if a matching value from Lyme-Old Lyme is significantly different, within the 95% plus/minus probability interval.

Risk of harm from regular use of alcohol perceived by Lyme-Old Lyme youth is tabulated, also by grade and by gender (Table 5). Trends of increasing risk perception are apparent, and linear regression analysis confirmed the statistical significance ( $p < 0.001$ ). By 2013, girls perceived more risk than boys. Scores for increasing perceived risk are calculated using the formula footnoted in Table 5. For comparison, national figures for perceived “great harm” are available from the Monitoring The Future survey (Table 6).

Access to alcohol, another primary risk factor, was monitored by asking survey respondents who reported consuming alcohol at some time in their lifetimes to indicate how often they obtained alcoholic beverages from various sources. In Tables 7 and 8, prevalence of obtaining alcohol from home – with or without parental permission, and at parties – with or without adults present – are presented. Again, scores are calculated by formulas with the tables. Results are not reported when there were too few lifetime alcohol users to compute reliable statistics.

Enforcement of laws, the third risk factor, is not addressed directly in youth surveys. However, student awareness of school policies regarding consequences of drinking or possessing alcohol at school is monitored in the survey (Table 11). The calculated score for severity of consequences is somewhat higher in all grades in 2013 than in 2009. Without knowing what school enforcement policies actually are, this change should reflect either a change in policy or increased student awareness of policy.

The age of initiation of drinking alcohol is tabulated in two ways (Table 9). Lyme-Old Lyme is compared to national statistics (YRBS) in the percentage of all high school youth surveyed (grades 9-12) who started drinking before age 13. Figures in Lyme-Old Lyme have decreased since 2006, and are much lower than national averages. Also, the average ages when drinking first started are tabulated for grades 7-12, where there are enough lifetime drinkers to report reliably. Averages among older students increased between 2006 and 2009, and have remained stable since then. Postponement of starting to drink is a universal objective, because substance problems later in life are more likely if one starts young.

There is a strong association between drinking alcohol and using other substances (Table 10). Cigarette smoking has always been rare among non-drinkers (i.e., NO to 30-day use of alcohol), and has declined steadily among drinkers as well. For marijuana, except for 2011, marijuana 30-day use is reported by 30% or more of alcohol users, far more than by non-drinkers.

### ***Data Limitations***

The youth survey is given at about the same time biennially to a random sample of students, during a period or subject that is required of all students, to avoid environmental or selection bias. The sampling

variance is quite small, because most students present on the days of the survey are included. The racial and ethnic composition of the sample has been reasonably close to the whole district, according to the Strategic School Profile [7]. Youth surveys are screened for embedded quality-control criteria and for adequate information, and are omitted from analysis if they fail. As a result, about 5% of Lyme-Old Lyme surveys have been disqualified. In general, the consistency of responses between 2006 and 2009 – i.e. during the baseline period – is indicative of honesty in answering sensitive questions.

### ***References***

1. Child & Family Agency of Southeastern Connecticut, and Community Action for Substance-Free Youth, Lyme-Old Lyme. Strategic Prevention Framework Initiative Strategic Plan, October 6, 2010.
2. Youth Risk Behavior Surveillance, United States, 2005.  
<http://www.cdc.gov/mmwr/PDF/SS/ss5505.pdf>
3. Youth Risk Behavior Surveillance, United States, 2007.  
<http://www.cdc.gov/mmwr/preview/mmwrhtml/ss5704a1.htm>
4. Youth Risk Behavior Surveillance, United States, 2009.  
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5. Youth Risk Behavior Surveillance, United States, 2011.  
<http://www.cdc.gov/mmwr/pdf/ss/ss6104.pdf>
6. Monitoring The Future. National Survey Results on Drug Use, 1975-2013.  
<http://www.monitoringthefuture.org//pubs/monographs/mtf-overview2013.pdf>
7. Connecticut State Department of Education. Connecticut Education Data and Research.  
<http://sdeportal.ct.gov/Cedar/WEB/ResearchandReports/SSPReports.aspx>

**Table 1. Prevalence of Current (Past 30 Days) Alcohol Use, Lyme-Old Lyme**

Year	Gender	Prevalence in Grade:					
		7	8	9	10	11	12
2006	Female	%	%	%	%	%	%
	Male	8.3	8.8	11.9	36.4	**	**
	Both	16.2	5.9	13.0	45.8	**	**
2009	Female	12.9	7.6	12.5	41.3	**	**
	Male	0.0	5.2	10.0	35.0	32.4	50.0
	Both	0.0	9.3	15.9	51.1	50.0	46.7
2011	Female	0.0	6.9	12.8	43.5	40.0	48.4
	Male	0.0	2.5	6.5	8.0	13.5	25.0
	Both	1.6	5.5	2.2	6.0	20.5	39.6
2013	Female	0.8	4.2	3.9	7.0	16.7	33.8
	Male	0.0	3.3	3.6	8.3	9.4	24.0
	Both	0.0	0.0	1.7	15.4	23.9	29.4
2013	Female	0.0	1.8	2.6	12.5	17.9	26.7
	Male	0.0	0.0	1.7	15.4	23.9	29.4
	Both	0.0	1.8	2.6	12.5	17.9	26.7

\*\* Data not available.

**Table 2. Prevalence of Lifetime Alcohol Use, Lyme-Old Lyme**

Year	Gender	Prevalence in Grade:					
		7	8	9	10	11	12
2006	Female	%	%	%	%	%	%
	Male	16.7	20.6	38.1	70.5	**	**
	Both	47.8	33.3	48.9	70.8	**	**
2009	Female	34.8	26.1	43.7	70.7	**	**
	Male	3.4	19.0	34.0	50.0	66.2	76.5
	Both	14.0	32.6	29.5	66.7	75.9	73.3
2011	Female	9.7	24.8	31.9	58.8	70.4	75.0
	Male	3.5	15.0	32.3	28.0	53.8	65.6
	Both	12.5	30.9	15.6	42.0	40.9	68.8
2013	Female	8.3	24.2	22.4	35.0	47.9	67.5
	Male	0.0	4.9	7.1	25.0	31.3	44.0
	Both	4.5	13.5	6.7	30.8	43.5	49.0
2013	Female	2.1	8.8	6.9	28.4	38.5	46.5
	Male	4.5	13.5	6.7	30.8	43.5	49.0
	Both	2.1	8.8	6.9	28.4	38.5	46.5

\*\* Data not available.

**Table 3. Prevalence of CURRENT (Past 30 Days) Alcohol Use**  
**Youth Risk Behavior Surveillance System**

Year	Region	Grade	± 95% Confidence Bound		± 95% Confidence Bound		± 95% Confidence Bound	
			Female		Male		Both	
2005	Conn.	9-12	%		%		%	
			45.5	5.7	45.0	4.3	45.3	4.2
	U.S.A.	9-12	42.8	3.1	43.8	2.7	43.3	2.7
		9	36.2	3.3	36.3	3.3	36.2	2.4
		10	42.7	3.8	41.4	4.5	42.0	3.8
		11	44.2	4.9	47.8	4.1	46.0	3.9
		12	49.6	5.1	52.0	4.2	50.8	4.2
2007	Conn.	9-12	45.3	4.6	46.7	6.1	46	4.4
	U.S.A.	9-12	44.6	2.8	44.7	2.8	44.7	2.3
		9	37.2	4.0	34.3	4.1	35.7	2.2
		10	42.3	4.3	41.4	4.2	41.8	3.3
		11	46.5	4.7	51.5	3.5	49.0	3.7
		12	54.2	4.4	55.6	5.7	54.9	4.2
2009	Conn.	9-12	43.1	3.3	43.2	5.4	43.5	4.5
	U.S.A.	9-12	42.9	1.9	40.8	2.2	41.8	1.6
		9	35.3	3.3	28.4	3.7	31.5	2.5
		10	41.2	2.9	40.1	3.9	40.6	2.8
		11	45.6	4.2	45.7	4.9	45.7	4.1
		12	50.7	2.9	52.6	4.3	51.7	2.8
2011	Conn.	9-12	42.1	4.0	41.3	5.2	41.5	3.8
	U.S.A.	9-12	37.9	1.8	39.5	1.9	38.7	1.5
		9	30.3	3.1	29.3	3.4	29.8	2.7
		10	37.1	3.2	34.4	3.6	35.7	2.7
		11	40.1	3.2	45.2	3.6	42.7	2.6
		12	45.4	3.8	51.2	3.2	48.4	2.6

**Table 4. Prevalence of LIFETIME Alcohol Use**  
**Youth Risk Behavior Surveillance System**

Year	Region	Grade	Female	± 95% Confidence Bound	Male	± 95% Confidence Bound	Both	± 95% Confidence Bound
2005	Conn.	9-12	%		%		%	
			77.4	3.3	71.6	3.5	74.4	2.7
	U.S.A.	9-12	74.8	3.9	73.8	2.7	74.3	3.1
		9	66.5	4.1	66.6	3.6	66.5	3.1
		10	75.6	3.5	73.2	3.5	74.4	2.9
		11	77.1	6.2	75.5	4.8	76.3	4.6
		12	81.8	6.5	81.5	3.9	81.7	4.9
2007	Conn.	9-12	**	**	**	**	**	**
	U.S.A.	9-12	75.7	3.0	74.3	2.6	75.0	2.6
		9	66.1	4.6	65.0	3.4	65.5	3.3
		10	74.6	3.7	74.9	3.7	74.7	2.9
		11	79.1	4.5	79.7	3.5	79.4	3.3
		12	85.2	3.4	80.2	4.5	82.8	3.8
2009	Conn.	9-12	**	**	**	**	**	**
	U.S.A.	9-12	74.2	1.8	70.8	2.4	72.5	1.9
		9	66.4	3.5	60.8	3.9	63.4	3.0
		10	72.5	3.6	69.9	3.7	71.1	2.5
		11	79.0	3.2	76.5	4.6	77.8	3.4
		12	80.3	2.5	79.0	4.1	79.7	2.6
2011	Conn.	9-12	**	**	**	**	**	**
	U.S.A.	9-12	70.9	2.3	70.6	1.9	70.8	1.8
		9	61.9	4.9	61.6	2.9	61.7	3.2
		10	69.1	3.7	69.2	3.4	69.2	2.5
		11	74.8	3.0	75.7	2.5	75.3	2.1
		12	80.0	2.7	78.0	3.2	79.0	2.3

\*\* Data not available.

**Table 4. Prevalence of Alcohol Use - Monitoring The Future**

Year	CURRENT (30-Day) Use - Grade:			LIFETIME Use - Grade:		
	8	10	12	8	10	12
	%	%	%	%	%	%
2004	18.6	35.2	48.0	43.9	64.2	76.8
2005	17.1	33.2	47.0	41.0	63.2	75.1
2006	17.2	33.8	45.3	40.5	61.5	72.7
2007	15.9	33.4	44.4	38.9	61.7	72.2
2008	15.9	28.8	43.1	38.9	58.3	71.9
2009	14.9	30.4	43.5	36.6	59.1	72.3
2010	13.8	28.9	41.2	35.8	58.2	71.0
2011	12.7	27.2	40.0	33.1	56.0	70.0
2012	11.0	27.6	41.5	29.5	54.0	69.4
2013	10.2	25.7	39.2	27.8	52.1	68.2

**Table 5. Perceived Risk of Harm from Alcohol Use, Lyme-Old Lyme**

Year	Gender	Risk	Prevalence in Grade:					
			7	8	9	10	11	12
2006	Female	None	%	%	%	%	%	%
		Slight	0.0	10.3	4.8	2.3	**	**
		Moderate	20.8	22.1	35.7	31.8	**	**
		Great	58.3	44.1	31.0	43.2	**	**
		Score*	20.8	23.5	28.6	22.7	**	**
	Male	None	66.8	60.4	61.1	62.2	--	--
		Slight	9.0	5.9	6.7	8.3	**	**
		Moderate	34.3	13.7	22.2	29.2	**	**
		Great	38.8	51.0	53.3	47.9	**	**
		Score*	17.9	29.4	17.8	14.6	**	**
	Both	None	55.2	68.1	60.8	56.3	--	--
		Slight	5.2	8.4	5.7	5.4	**	**
		Moderate	28.7	18.5	28.7	30.4	**	**
		Great	47.0	47.1	42.5	45.7	**	**
		Score*	19.1	26.1	23.0	18.5	**	**
2009	Female	None	60.1	63.7	61.0	59.1	--	--
		Slight	0.0	0.0	4.0	0.0	2.8	0.0
		Moderate	7.4	15.8	28.0	5.0	22.5	14.7
		Great	25.9	35.1	42.0	52.5	40.8	52.9
		Score*	66.7	49.1	26.0	42.5	33.8	32.4
		Score*	86.5	77.8	63.4	79.3	68.6	72.7

**Table 5. Perceived Risk of Harm from Alcohol Use, Lyme-Old Lyme, continued**

Year	Gender	Risk	Prevalence in Grade:					
			7	8	9	10	11	12
2009	Male	None	% 8.1	% 9.1	% 6.8	% 4.4	% 11.1	% 13.3
		Slight	13.5	15.9	20.5	24.4	37.0	40.0
		Moderate	35.1	40.9	50.0	35.6	33.3	36.7
		Great	43.2	34.1	22.7	35.6	18.5	10.0
		Score*	71.2	66.8	63.0	67.4	53.1	47.8
	Both	None	4.7	4.0	5.3	2.4	6.4	6.3
		Slight	10.9	15.8	24.5	15.3	28.8	26.6
		Moderate	31.3	37.6	45.7	43.5	37.6	45.3
		Great	53.1	42.6	24.5	38.8	27.2	21.9
		Score*	77.7	73.0	63.2	73.0	61.9	61.0
2011	Female	None	6.8	0.0	0.0	2.1	0.0	0.0
		Slight	13.6	12.8	16.7	2.1	10.6	6.3
		Moderate	40.9	35.9	36.7	29.8	36.2	50.0
		Great	38.6	51.3	46.7	66.0	53.2	43.8
		Score*	70.5	79.6	76.7	86.6	80.9	79.3
	Male	None	7.1	3.7	0.0	2.0	2.4	6.3
		Slight	23.2	22.2	12.5	4.0	23.8	16.7
		Moderate	46.4	35.2	60.0	46.0	31.0	39.6
		Great	23.2	38.9	27.5	48.0	42.9	37.5
		Score*	62.0	69.8	71.8	80.1	71.5	69.5
	Both	None	7.0	2.2	0.0	2.1	1.1	3.8
		Slight	19.0	18.3	14.3	3.1	16.9	12.5
		Moderate	44.0	35.5	50.0	38.1	33.7	43.8
		Great	30.0	44.1	35.7	56.7	48.3	40.0
		Score*	65.8	73.9	73.9	83.3	76.5	73.4
2013	Female	None	0.0	5.1	5.4	0.0	3.1	0.0
		Slight	15.7	6.8	12.5	14.3	9.4	6.1
		Moderate	39.2	28.8	23.2	28.6	25.0	20.4
		Great	39.2	45.8	50.0	51.4	56.3	67.3
		Score*	70.7	67.3	69.7	75.3	76.1	83.0
	Male	None	9.3	5.9	6.8	1.9	4.4	4.1
		Slight	7.0	19.6	16.9	17.3	13.3	8.2
		Moderate	30.2	23.5	28.8	26.9	33.3	30.6
		Great	41.9	45.1	39.0	40.4	40.0	49.0
		Score*	64.4	67.3	63.9	64.1	66.7	72.2



**Table 5. Perceived Risk of Harm from Alcohol Use, Lyme-Old Lyme, continued**

Year	Gender	Risk	Prevalence in Grade:					
			7	8	9	10	11	12
2013	Both	None	%	%	%	%	%	%
		Slight	4.3	5.5	6.1	1.1	3.9	2.0
		Moderate	11.7	12.7	14.8	16.1	11.7	7.1
		Great	35.1	26.4	26.1	27.6	29.9	25.5
		Score*	40.4	45.5	44.3	44.8	46.8	58.2
			67.8	67.3	66.7	68.6	70.6	77.6

\* Score: None = 0, Slight = 33, Moderate = 67, Great = 100.

**Table 6. Perceived “Great Harm” from Regular Alcohol Use  
Monitoring The Future**

Year	Prevalence in Grade:		
	8	10	12
	%	%	%
2004	31.0	31.3	23.0
2005	31.4	32.6	23.7
2006	31.3	31.7	25.3
2007	32.6	33.3	25.1
2008	31.5	35.0	24.2
2009	31.5	33.8	23.7
2010	32.3	33.1	25.4
2011	31.8	32.9	24.6
2012	31.4	31.8	23.7
2013	30.6	30.6	23.1

**Table 7. Home as Source of Alcohol (lifetime alcohol users), Lyme-Old Lyme**

Year	Gender	How Often	Prevalence in Grade:					
			7	8	9	10	11	12
2006	Female	Never	%	%	%	%	%	%
		Sometimes	50.0	42.9	37.5	25.8	**	**
		Often	37.5	42.9	62.5	64.5	**	**
		Score*	12.5	14.3	0.0	9.7	**	**
	Male	Never	31.3	35.7	31.3	41.9	**	**
		Sometimes	33.3	52.9	36.4	38.2	**	**
		Often	60.6	47.1	59.1	58.8	**	**
		Score*	6.1	0.0	4.5	2.9	**	**

**Table 7. Home as Source of Alcohol (lifetime alcohol users), Lyme-Old Lyme, continued**

Year	Gender	How Often	Prevalence in Grade:					
			7	8	9	10	11	12
2006	Both	Never	%	%	%	%	%	%
		Sometimes	36.6	48.4	36.8	32.3	**	**
		Often	56.1	45.2	60.5	61.5	**	**
		Score*	7.3	6.5	2.6	6.2	**	**
2009	Female	Never	35.4	29.0	32.9	36.9	**	**
		Sometimes	100.0	18.2	35.3	20.0	38.3	48.1
		Often	0.0	72.7	64.7	75.0	48.9	44.4
		Score*	0.0	9.1	0.0	5.0	12.8	7.4
	Male	Never	0.0	45.5	32.4	42.5	37.2	29.6
		Sometimes	28.6	40.0	58.3	16.7	36.6	54.5
		Often	71.4	53.3	25.0	73.3	56.1	27.3
		Score*	0.0	6.7	16.7	10.0	7.3	18.2
	Both	Never	35.7	33.3	29.2	46.7	35.4	31.8
		Sometimes	37.5	30.8	44.8	18.0	37.5	51.0
		Often	62.5	61.5	48.3	74.0	52.3	36.7
		Score*	0.0	7.7	6.9	8.0	10.2	12.2
2011	Female	Never	31.3	38.5	31.0	45.0	36.4	30.6
		Sometimes	***	***	***	***	42.9	37.5
		Often	***	***	***	***	28.6	37.5
		Score*	***	***	***	***	28.6	25.0
	Male	Never	--	--	--	--	42.9	43.8
		Sometimes	***	***	***	***	44.4	26.3
		Often	***	***	***	***	44.4	63.2
		Score*	***	***	***	***	11.1	10.5
	Both	Never	--	--	--	--	33.3	42.1
		Sometimes	***	***	***	***	43.8	29.6
		Often	***	***	***	***	37.5	55.6
		Score*	***	***	***	***	18.8	14.8
2013	Female	Never	--	--	--	--	37.5	42.6
		Sometimes	***	***	***	33.3	22.2	33.3
		Often	***	***	***	66.7	66.7	52.4
		Score*	***	***	***	0.0	11.1	14.3
	Male	Never	--	--	--	33.3	44.4	40.5
		Sometimes	***	***	***	31.3	60.0	64.0
		Often	***	***	***	50.0	30.0	32.0
		Score*	***	***	***	18.8	10.0	4.0
		Score*	--	--	--	43.8	25.0	20.0

**Table 7. Home as Source of Alcohol (lifetime alcohol users), Lyme-Old Lyme, continued**

Year	Gender	How Often	Prevalence in Grade:					
			7	8	9	10	11	12
	Both	Never	%	%	%	%	%	%
		Sometimes	***	***	***	32.0	48.3	50.0
		Often	***	***	***	56.0	41.4	41.3
		Score*	***	***	***	12.0	10.3	8.7
			--	--	--	40.0	31.0	29.3

\* Score: Never = 0; Sometimes = 50; Often = 100.

\*\* Data not available. \*\*\* Too few (N<6) to report statistics.

**Table 8. Parties as Source of Alcohol (lifetime alcohol users), Lyme-Old Lyme**

Year	Gender	How Often	Prevalence in Grade:					
			7	8	9	10	11	12
2006	Female	Never	%	%	%	%	%	%
		Sometimes	100.0	85.7	68.8	45.2	**	**
		Often	0.0	14.3	25.0	45.2	**	**
		Score*	0.0	0.0	6.3	9.7	**	**
	Male	Never	0.0	0.0	6.3	9.7	**	**
		Sometimes	93.8	88.2	81.8	50.0	**	**
		Often	6.3	11.8	13.6	44.1	**	**
		Score*	0.0	0.0	4.5	5.9	**	**
	Both	Never	3.1	5.9	11.4	27.9	**	**
		Sometimes	95.0	87.1	76.3	47.7	**	**
		Often	5.0	12.9	18.4	44.6	**	**
		Score*	0.0	0.0	5.3	7.7	**	**
2009	Female	Never	2.5	6.5	14.5	30.0	**	**
		Sometimes	100.0	90.9	70.6	50.0	63.8	73.1
		Often	0.0	0.0	29.4	25.0	27.7	26.9
		Score*	0.0	9.1	0.0	25.0	8.5	0.0
	Male	Never	0.0	9.1	14.7	37.5	22.3	13.5
		Sometimes	100.0	73.3	90.0	35.7	58.5	54.5
		Often	0.0	26.7	0.0	53.6	34.1	40.9
		Score*	0.0	0.0	10.0	10.7	7.3	4.5
	Both	Never	0.0	13.3	10.0	37.5	24.4	25.0
		Sometimes	100.0	80.8	77.8	41.7	61.4	64.6
		Often	0.0	15.4	18.5	41.7	30.7	33.3
		Score*	0.0	3.8	3.7	16.7	8.0	2.1
			0.0	11.5	13.0	37.5	23.3	18.8

**Table 8. Parties as Source of Alcohol (lifetime alcohol users), Lyme-Old Lyme, continued**

Year	Gender	How Often	Prevalence in Grade:					
			7	8	9	10	11	12
2011	Female	Never	%	%	%	%	%	%
		Sometimes	***	***	***	***	14.3	0.0
		Often	***	***	***	***	42.9	75.0
		Score*	***	***	***	***	42.9	25.0
	Male	Never	---	---	---	---	64.3	62.5
		Sometimes	---	---	---	---	44.4	10.5
		Often	---	---	---	---	22.2	52.6
		Score*	---	---	---	---	33.3	36.8
	Both	Never	---	---	---	---	44.4	63.2
		Sometimes	---	---	---	---	31.3	7.4
		Often	---	---	---	---	31.3	59.3
		Score*	---	---	---	---	37.5	33.3
2013	Female	Never	---	---	---	---	53.1	63.0
		Sometimes	---	---	---	---	31.3	7.4
		Often	---	---	---	---	31.3	59.3
		Score*	---	---	---	---	37.5	33.3
	Male	Never	---	---	---	---	53.1	63.0
		Sometimes	---	---	---	---	31.3	7.4
		Often	---	---	---	---	31.3	59.3
		Score*	---	---	---	---	37.5	33.3
	Both	Never	---	---	---	---	53.1	63.0
		Sometimes	---	---	---	---	31.3	7.4
		Often	---	---	---	---	31.3	59.3
		Score*	---	---	---	---	37.5	33.3

\* Score: Never = 0; Sometimes = 50; Often = 100.

\*\* Data not available. \*\*\* Too few (N<6) to report statistics.

**Table 9. Age of Initiation of Alcohol Use.**

Measure	Data Source	Grade	2005	2006	2007	2009	2011	2013
<u>Drank alcohol for the first time before age 13</u>								
	YRBS	9-12	% 25.6	% **	% 23.8	% 21.3	% 20.5	% **
	Lyme-Old Lyme	9-12	**	12.5*	**	5.7	3.6	3.0
<u>Average age when drank alcohol for the first time.</u>								
	Lyme-Old Lyme			years	years	years	years	years
		9-12	**	**		14.2	14.3	14.3
		7	**	10.9	**	12.0	***	***
		8	**	12.1	**	12.3	12.3	12.3
		9	**	13.1	**	13.2	13.6	13.4
		10	**	13.6	**	13.6	13.7	13.7
		11	**	13.9	**	14.7	14.8	14.8
		12	**	**	**	15.3	15.0	15.2

\* Grades 9-11. \*\* Data not available. \*\*\* Too few (N<8) to report statistics.

**Table 10. Association of Use of Alcohol with Other Substances.**

Year	30-Day Alcohol	Prevalence of 30-Day Use of:	
		Cigarettes	Marijuana
2006	Yes	32.5%	31.7%
	No	1.0%	1.0%
	Yes/No	32.05	31.27
2009	Yes	33.6%	40.1%
	No	3.7%	4.6%
	Yes/No	9.02	8.77
2011	Yes	6.9%	15.5%
	No	3.5%	8.1%
	Yes/No	1.95	1.93
2013	Yes	10.5%	29.8%
	No	1.7%	2.1%
	Yes/No	6.25	14.51

**Table 11. Consequences of possessing alcohol at school**

The most severe thing likely to happen to a student caught with an alcoholic beverage at school is:

Year	Consequence	Prevalence in Grade:					
		7	8	9	10	11	12
2009	Nothing	%	%	%	%	%	%
	Sent to principal's office	3.2	0.0	0.0	0.0	0.0	1.6
	Detention	6.3	4.0	1.1	0.0	0.0	0.0
	Suspension	1.6	2.0	3.2	1.2	3.2	0.0
	Expulsion	27.0	35.6	52.6	51.2	43.5	51.6
	I don't know	44.4	39.6	20.0	32.1	33.1	26.6
	Score*	17.5	18.8	23.2	15.5	20.2	20.3
2011	Nothing	59.1	58.4	47.2	58.0	55.6	52.3
	Sent to principal's office	0.0	0.0	0.0	0.0	0.0	2.1
	Detention	0.0	0.8	1.0	0.0	0.0	0.0
	Suspension	0.0	4.2	3.1	1.3	1.0	2.1
	Expulsion	0.0	50.0	56.3	45.6	48.5	54.2
	I don't know	100.0	34.2	34.4	43.0	44.3	29.2
	Score*	0.0	10.8	5.2	10.1	6.2	12.5
2013	Nothing	100.0	60.3	63.4	66.1	68.8	56.8
	Sent to principal's office	1.0	0.0	0.0	0.0	0.0	0.0
	Detention	1.0	0.9	0.0	1.1	1.3	0.0
	Suspension	1.0	5.4	0.9	0.0	1.3	1.0
	Expulsion	42.3	38.4	31.9	48.9	55.1	50.0
	I don't know	43.3	43.8	56.0	37.0	30.8	34.0
	Score*	11.3	11.6	11.2	13.0	11.5	15.0

\* Score: Nothing = 0, Principal = 12, Detention = 25, Suspension = 50, Expulsion = 100, Don't know = 0.