

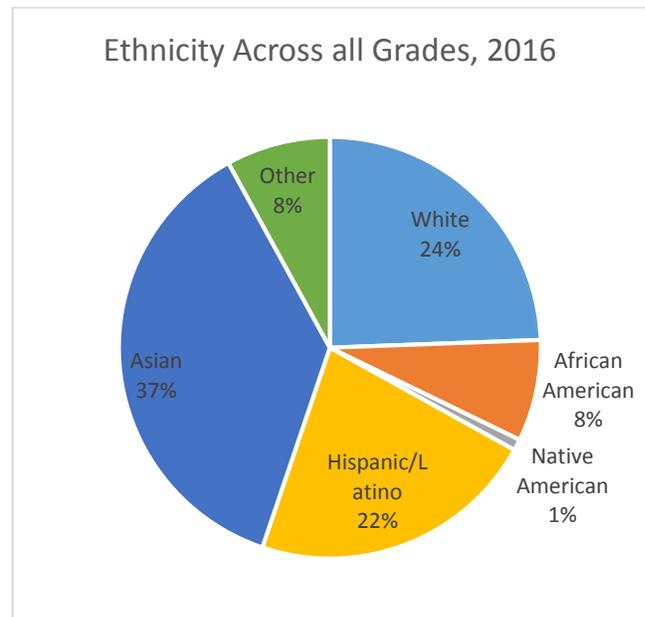
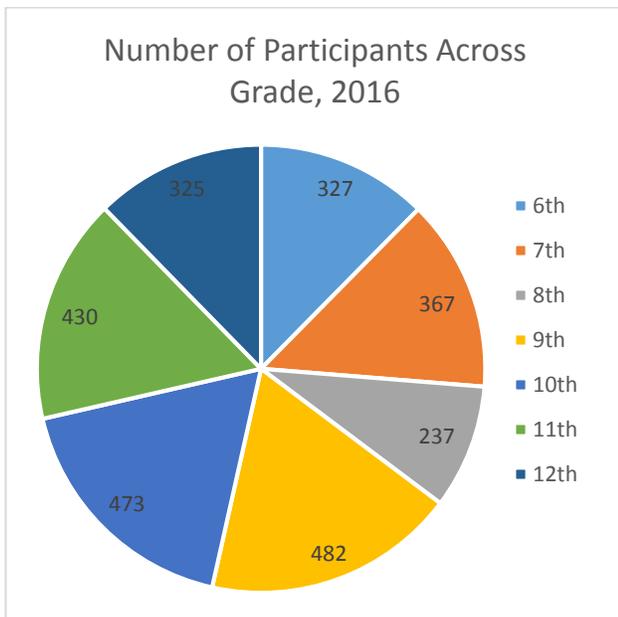
Communities that Care Youth Survey Selected Results

Spring 2016 survey administration

Selected Results Report created by UMass Lowell's Center for Community Research & Engagement

The Communities that Care Youth Survey (CTCYS) was administered in the spring of 2016 at Lowell Middle Schools and at Lowell High School (n=2,641 in grades 6 through 12). **Rothenbach Research and Consulting, LLC** compiled and analyzed the data and created respective reports. This document highlights selected results from those reports including demographics, the top five protective factors and risk factors, alcohol, tobacco and other drug (ATOD) use, anti-social behavioral results and the prevalence of prescription drug use. The ATOD use results and prevalence of prescription drug use for Lowell Middle and High School students were compared to overall national average of ATOD use from the *Monitoring the Future* survey. Selected findings from the same survey administered in 2014 are also provided.

Demographics

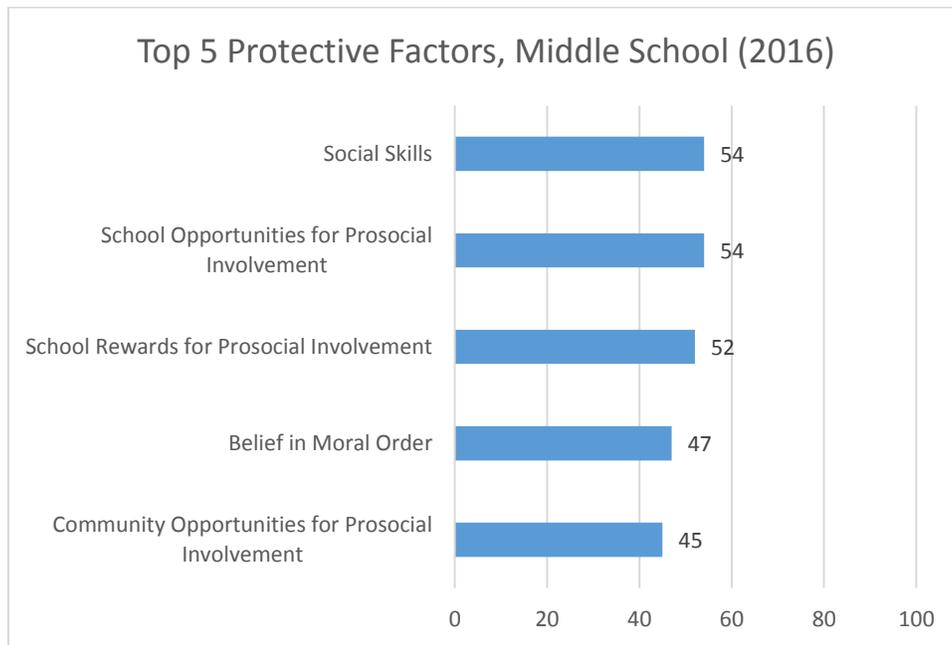


Risk and Protective Factors

The tables below show the top protective and risk factors for the Middle Schools and High School. These scores are normed against a national database. If the score is 50 it means that 50% of the respondents in the normative sample reported a score lower and 50% a score that is higher. A score of 75 means 75% of the normative sample reported a lower score and 25% a higher score. It is better to have a higher protective factor scale score and a lower risk factor scale score.

Middle School Top 5 Protective Factors

The data below represents the overall percentile scores for the top 5 protective factors for Lowell Middle School students.



The two lowest overall scores were for the following protective factor scales: *Religiosity* (17) and *Family Rewards for Prosocial Involvement* (26).

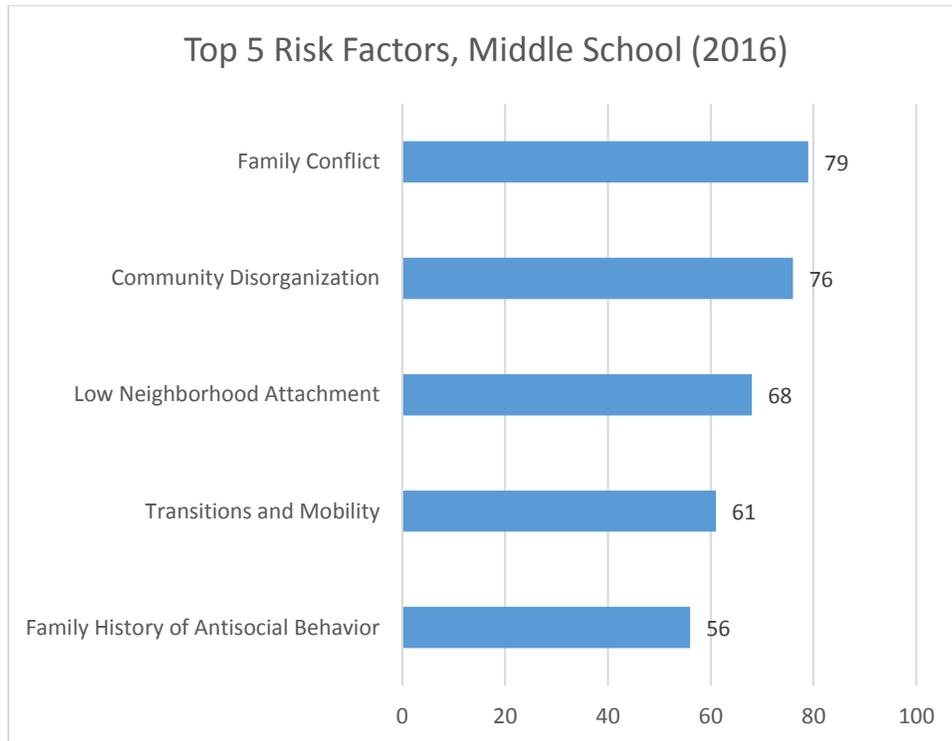
In 2014, the top 5 protective factors for Lowell Middle School students were:

- *Belief in a Moral Order,*
- *Social Skills,*
- *Family Opportunities for Prosocial Involvement,*
- *School Opportunities for Prosocial Involvement,* and
- *Family Rewards for Prosocial Involvement.*

In 2014 the two lowest overall scores were *Religiosity* and *Community Rewards for Prosocial Involvement*.

Middle School Top 5 Risk Factors

The data below represents the overall percentile scores for the top 5 risk factors for Lowell Middle School students.



The four lowest risk factor scales were *Laws and Norms Favorable to Drug Use* (41), *Sensation Seeking* (41), *Laws and Norms Favorable to Handguns* (40), and *Friends' Use of Drugs* (40). The lower scores reported by students in these areas represent strengths that Lowell Middle Schools can build on.

In 2014, the top 5 risk factors for Lowell Middle School students were:

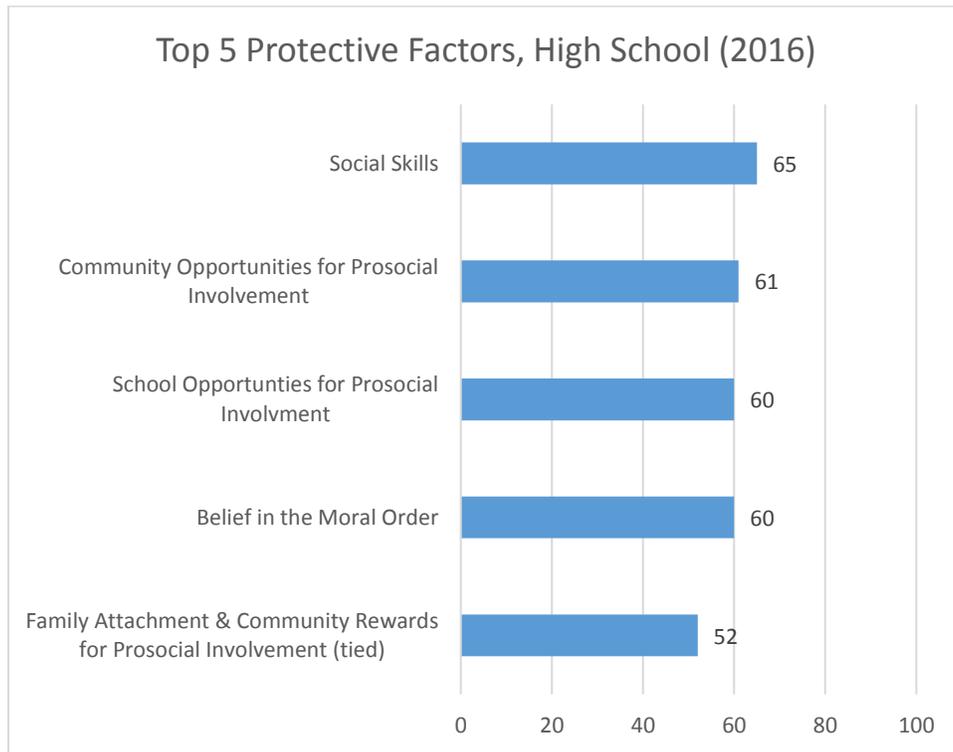
- *Low Neighborhood Attachment,*
- *Family Conflict,*
- *Low Perceived Risks of Drug Use,*
- *Perceived Availability of Handguns,* and
- *Lack of Commitment to School.*

The four lowest risk factor scales in 2014 were:

- *Friends' Delinquent Behavior,*
- *Parental Attitudes Favorable toward ATOD Use,*
- *Friends' Use of Drugs,* and
- *Parental Attitudes toward Antisocial Behavior.*

High School Top 5 Protective Factors

The data below represents the overall percentile scores for the top 5 protective factors for Lowell High School students.



The two lowest overall scores were for the following protective factor scales: *Religiosity* (23) and *Family Rewards for Prosocial Involvement* (36).

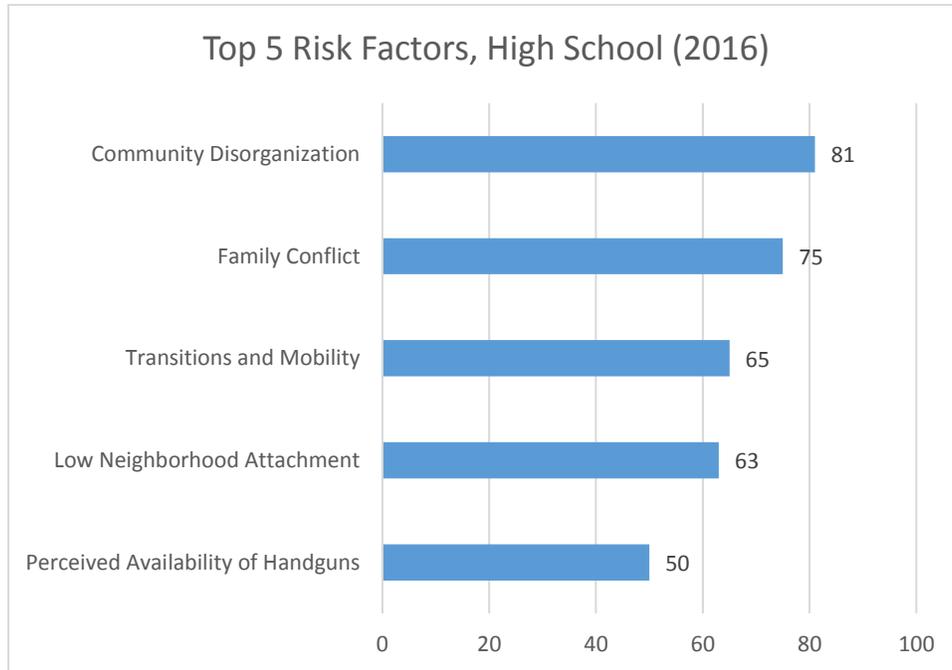
In 2014 the top 5 protective factors for High School students were:

- *Social Skills*,
- *Belief in Moral Order*,
- *Community Opportunities for Prosocial Involvement*,
- *Family Opportunities for Prosocial Involvement*, and
- *School Opportunities for Prosocial Involvement*.

In 2014 the two lowest overall scores were *Religiosity* and *Community Rewards for Prosocial Involvement*.

High School Top 5 Risk Factors

The data below represents the overall percentile scores for the top 5 risk factors for Lowell High School students.



The four lowest risk factor scales are *Perceived Availability of Drugs* (32), *Friends' Use of Drugs* (32), *Favorable Attitudes toward ATOD Use* (33), and *Sensation Seeking* (33). The lower scores reported by students in these areas represent strengths that Lowell High School can build on.

In 2014 the top 5 risk factors for High School students were

- *Family Conflict,*
- *Low Neighborhood Attachment,*
- *Laws and Norms Favorable to Drug Use,*
- *Perceived Availability of Drugs, and*
- *Lack of Commitment to School.*

In 2014 the four lowest risk factors were:

- *Friends' Delinquent Behavior,*
- *Parental Attitudes Favorable toward ATOD Use,*
- *Parental Attitudes Favorable toward Antisocial Behavior, and*
- *Favorable Attitudes toward Antisocial Behavior.*

Middle School ATOD Use Results

Comparing the Lowell Middle School 8th grade 2016 averages to the *Monitoring the Future* national averages, all but the use of alcohol and the use of marijuana in their lifetimes were lower than the national average.

Comparing to the results of this survey in 2014, for 6th graders, all lifetime use was **higher** than in 2014 except for cocaine, for 7th grade all lifetime use was **lower** than in 2014 except smokeless tobacco, marijuana and inhalants, for 8th graders all lifetime use was **lower** than in 2014 except for marijuana. Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Middle School - Percentage Reporting Use of Alcohol, Tobacco, and Other Drugs in their Lifetimes

	6 th % (2016)	7 th % (2016)	8 th % (2016)	Overall % (2016)	Monitoring the Future – 8 th grade only % (2016)	6 th % (2014)	7 th % (2014)	8 th % (2014)	Overall % (2014)
Alcohol	13.0	21.4	26.6	19.8	26.1	10.6	21.9	27.5	20.3
Cigarettes	5.2	9.3	10.7	8.2	13.3	4.8	11.5	12.5	9.8
Smokeless Tobacco	1.6	2.8	3.1	2.5	8.0	1.4	2.3	4.6	2.7
Marijuana	4.0	9.6	16.2	9.3	15.5	2.5	9.4	14.2	8.9
Inhalants	5.2	8.7	4.2	6.4	9.4	4.4	6.0	5.7	9.4
Ecstasy	0.9	0.3	0.9	0.7	2.3	0.5	0.8	1.2	0.8
Methamphetamine	0.9	0.3	0.0	0.4	0.8	0.5	0.6	0.5	0.5
Cocaine	0.3	0.5	0.0	0.3	1.6	0.5	0.8	1.4	0.9
LSD/Psychedelics	0.3	0.0	0.0	0.1	2.0	0.0	0.6	1.2	0.6
Heroin	0.3	0.0	0.0	0.1	0.5	0.3	0.4	0.5	0.4
Any Illicit Drug (other than Marijuana)	6.1	9.0	4.2	6.8	---	---	---	---	---

Comparing the Lowell Middle School 8th grade averages to the *Monitoring the Future* national averages, all but binge drinking and the use of marijuana in the past 30 days were lower than the national average.

The 2016 CTCYS data shows that for 6th graders, all but marijuana use in the past 30 days was less than the reported past 30-day usage in 2014. For 7th graders, all but inhalant use in the past 30 days was less than the reported past 30-day usage in 2014. For 8th graders, all but marijuana use in the past 30 days was less than the reported past 30-day usage in 2014.

Middle School - Percentage Reporting Use of Alcohol, Tobacco, and Other Drugs in the Past 30 Days

	6 th % (2016)	7 th % (2016)	8 th % (2016)	Overall % (2016)	Monitoring the Future – 8 th grade only % (2016)	6 th % (2014)	7 th % (2014)	8 th % (2014)	Overall % (2014)
Alcohol	3.1	6.3	7.6	5.5	9.7	4.3	7.9	12.5	8.2
Binge Drinking	3.1	2.7	5.5	3.6	4.6	---	---	---	---
Cigarettes	1.6	0.8	0.4	1.0	3.6	1.6	2.3	2.9	2.3
Smokeless Tobacco	0.6	1.1	2.1	1.2	3.2	1.2	1.1	2.7	1.6
Cigars, Cigarillos or Little Cigars	0.9	1.4	0.9	1.1	---	---	---	---	---
Marijuana	1.9	4.2	7.8	4.3	6.5	1.0	4.3	6.2	3.9
Inhalants	0.9	1.9	0.8	1.3	2.0	1.2	1.4	2.5	1.7
Ecstasy	0.0	0.3	0.0	0.1	0.5	0.8	0.4	0.7	0.6
Methamphetamine	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.9	0.5
Cocaine	0.0	0.0	0.0	0.0	0.5	0.5	0.4	0.7	0.5
LSD/Psychedelics	0.0	0.0	0.0	0.0	0.6	0.3	0.6	0.7	0.5
Heroin	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.2	0.2
Any Illicit Drug (other than Marijuana)	0.9	2.2	0.8	1.4	---	---	---	---	---

High School ATOD Use Results

Comparing the Lowell High School 10th and 12th grade averages to the *Monitoring the Future* national averages, all but the use of alcohol in their lifetimes for 12th graders were lower than the national average (68% LHS versus 64% *Monitoring the Future*).

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

High School - Percentage Reporting Use of Alcohol, Tobacco, and Other Drugs in their Lifetimes

	9 th % (2016)	10 th % (2016)	11 th % (2016)	12 th % (2016)	Overall % (2016)	Monitoring the Future – 10 th % (2016)	Monitoring the Future – 12 th % (2016)	9 th % (2014)	10 th % (2014)	11 th % (2014)	12 th % (2014)	Overall % (2014)
Alcohol	37.0	44.8	55.4	68.0	49.7	47.1	64.0	41.6	49.7	56.5	63.7	52.7
Cigarettes	11.5	11.9	17.7	14.8	13.8	19.9	31.1	15.6	14.8	15.0	24.3	17.4
Smokeless Tobacco	4.3	8.0	5.1	5.9	5.9	13.6	15.1	3.7	3.4	6.9	10.0	5.9
Marijuana	21.8	26.6	34.9	37.2	29.3	31.1	44.7	17.5	21.8	29.6	39.1	26.8
Inhalants	3.3	2.6	3.0	2.5	2.9	7.2	5.7	2.6	2.0	3.1	3.9	2.9
Ecstasy	0.2	1.3	1.6	1.9	1.2	3.8	5.9	1.6	0.6	2.0	2.8	1.7
Methamphetamine	0.6	0.0	0.2	0.3	0.3	1.3	1.0	0.3	0.3	0.9	0.6	0.5
Cocaine	1.5	0.6	2.1	2.2	1.5	2.7	4.0	1.1	0.6	1.4	2.6	1.4
LSD/Psychedelics	0.6	1.1	3.5	2.5	1.8	4.6	6.4	1.3	1.1	1.7	1.7	1.4
Heroin	0.6	0.2	0.7	0.3	0.5	0.7	0.8	0.0	0.3	0.3	0.6	0.3
Any Illicit Drug (other than Marijuana)	4.8	4.2	7.2	6.5	5.6	---	---	---	---	---	---	---

Comparing the Lowell High School 10th and 12th grade averages to the *Monitoring the Future* national averages, all but the use of heroin in the past 30 days for 10th graders (0.4% LHS versus 0.2% *Monitoring the Future*) were lower than the national average.

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

High School - Percentage Reporting Use of Alcohol, Tobacco, and Other Drugs in the Past 30 Days

	9 th % (2016)	10 th % (2016)	11 th % (2016)	12 th % (2016)	Overall % (2016)	Monitoring the Future – 10 th % (2016)	Monitoring the Future – 12 th % (2016)	9 th % (2014)	10 th % (2014)	11 th % (2014)	12 th % (2014)	Overall % (2014)
Alcohol	13.8	17.2	28.3	32.1	21.9	21.5	35.3	17.8	23.6	29.5	40.8	27.7
Binge Drinking	4.2	8.5	13.2	15.5	9.8	10.9	17.2	---	---	---	---	---
Cigarettes	2.8	3.2	5.5	4.0	3.8	6.3	11.4	3.4	3.9	4.0	8.1	4.8
Smokeless Tobacco	2.5	3.6	1.6	1.5	2.4	4.9	6.1	1.3	2.5	3.7	7.5	3.7
Cigars, Cigarillos or Little Cigars	1.7	3.2	3.5	3.7	2.9	---	---	---	---	---	---	---
Marijuana	9.1	13.0	21.9	20.6	15.6	14.8	21.3	10.6	11.2	14.3	26.3	15.5
Inhalants	1.3	1.1	0.7	0.6	0.9	1.2	0.7	0.5	0.6	0.6	1.1	0.7
Ecstasy	0.0	0.2	0.5	0.9	0.4	0.9	1.1	0.8	0.0	0.6	0.3	0.4
Methamphetamine	0.2	0.0	0.2	0.3	0.2	0.3	0.4	0.5	0.3	0.6	0.6	0.5
Cocaine	0.4	0.6	0.9	0.9	0.7	0.8	1.1	1.3	0.3	0.8	0.8	0.8
LSD/Psychedelics	0.2	0.6	1.9	0.0	0.7	0.9	1.6	1.1	0.8	1.4	0.6	1.0
Heroin	0.2	0.4	0.2	0.3	0.3	0.2	0.3	0.3	0.3	0.6	0.3	0.3
Any Illicit Drug (other than Marijuana)	1.7	2.1	3.5	2.8	2.5	---	---	---	---	---	---	---

Middle School and High School Anti-Social Behavior Results

The data in bold indicates the two highest reported antisocial behaviors in each grade in 2016. The top two for Middle Schoolers and 9th graders was attacking someone with intent to harm and getting suspended. The top two for 10th – 12th graders were being drunk or high at school, attacking someone with intent to harm was second for 10th and 11th graders and getting suspended was second for 12th graders.

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Middle School - Percentage Reporting Other Antisocial Behaviors within the Past Year

	6 th % (2016)	7 th % (2016)	8 th % (2016)	Overall MS % (2016)	6 th % (2014)	7 th % (2014)	8 th % (2014)	Overall MS % (2014)
Attacking Someone with Intent to Harm	12.8	11.1	13.4	12.3	11.3	14.0	10.4	12.0
Attempting to Steal a Vehicle	1.3	0.8	3.5	1.7	0.5	1.2	1.4	1.1
Being Arrested	0.6	1.1	2.6	1.3	0.8	2.8	2.1	2.0
Being Drunk or High at School	1.6	1.7	7.7	3.2	2.5	3.4	4.3	3.4
Carrying a Handgun	1.8	3.8	5.6	3.6	2.4	3.2	4.2	3.3
Getting Suspended	9.2	11.5	11.2	10.6	12.0	16.1	14.0	14.2
Selling Drugs	0.6	0.5	1.3	0.8	0.5	1.6	1.9	1.4
Taking a Handgun to School	0.0	0.8	0.9	0.5	1.4	0.4	0.5	0.7

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

High School - Percentage Reporting Other Antisocial Behaviors within the Past Year

	9 th % (2016)	10 th % (2016)	11 th % (2016)	12 th % (2016)	Overall HS % (2016)	9 th % (2014)	10 th % (2014)	11 th % (2014)	12 th % (2014)	Overall HS % (2014)
Attacking Someone with Intent to Harm	10.9	7.9	9.8	7.1	9.1	10.7	8.0	6.6	9.8	8.8
Attempting to Steal a Vehicle	0.6	0.6	1.0	0.9	0.8	0.5	0.9	1.1	1.4	1.0
Being Arrested	1.5	3.0	2.6	1.2	2.1	2.9	2.6	2.0	3.4	2.7
Being Drunk or High at School	7.2	10.9	17.6	13.9	12.1	8.0	8.6	12.8	15.0	11.1
Carrying a Handgun	2.9	3.6	2.6	0.9	2.7	2.9	2.5	3.1	5.1	3.4
Getting Suspended	11.5	6.6	9.3	7.3	8.8	8.8	13.1	11.6	13.4	11.7
Selling Drugs	2.1	4.5	5.5	5.3	4.2	4.5	4.8	4.8	8.1	5.6
Taking a Handgun to School	0.2	0.4	0.9	0.0	0.4	1.1	0.9	0.3	0.8	0.8

Prevalence of Prescription Drug Use

The authors of the report state we should use caution when interpreting these results as the set of questions used has not been validated. Data in bold highlights the highest use of prescription drugs without a prescription in each grade for lifetime use and for use in the past 30 days. Overall, use of pain relievers without a prescription (Vicodin, OxyContin, Tylox) was more common than use of stimulants or tranquilizers. The reported lifetime use of pain relievers was highest for 7th graders at Lowell Middle Schools and highest for 9th graders at Lowell High School. The use of pain relievers in the past 30 days was highest for 8th graders at Lowell Middle Schools and highest for 10th graders at Lowell High School.

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Lowell Middle School - Percentage Reporting Use of Prescription Drugs in their Lifetimes

	6 th % (2016)	7 th % (2016)	8 th % (2016)	Overall MS % (2016)	6 th % (2014)	7 th % (2014)	8 th % (2014)	Overall MS % (2014)
Pain Relievers	3.8	7.0	5.7	5.5	2.9	4.0	6.3	4.3
Stimulants	0.6	1.1	0.9	0.9	0.5	0.8	1.0	0.8
Tranquilizers	0.6	1.4	2.2	1.3	0.3	0.8	1.7	0.8

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Lowell Middle School - Percentage Reporting Use of Prescription Drugs in the Past 30 Days

	6 th % (2016)	7 th % (2016)	8 th % (2016)	Overall MS % (2016)	6 th % (2014)	7 th % (2014)	8 th % (2014)	Overall MS % (2014)
Pain Relievers	2.0	2.6	3.1	2.5	2.1	1.8	3.1	2.3
Stimulants	1.3	1.4	1.3	1.3	0.8	1.0	1.2	1.0
Tranquilizers	0.3	0.3	0.4	0.3	0.0	0.4	1.0	0.5

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Lowell High School - Percentage Reporting Use of Prescription Drugs in their Lifetimes

	9 th % (2016)	10 th % (2016)	11 th % (2016)	12 th % (2016)	Overall HS % (2016)	9 th % (2014)	10 th % (2014)	11 th % (2014)	12 th % (2014)	Overall HS % (2014)
Pain Relievers	6.3	4.9	5.4	5.6	5.6	6.4	6.0	8.0	9.9	7.5
Stimulants	0.8	2.3	4.5	4.3	2.9	1.6	2.3	4.0	5.6	3.3
Tranquilizers	2.1	1.9	2.8	1.9	2.2	1.3	2.0	2.6	2.8	2.2

Numbers highlighted in yellow indicate results that are lower than those in 2014. Keep in mind, some of these changes may not be statistically significant changes.

Lowell High School - Percentage Reporting Use of Prescription Drugs in the Past 30 Days

	9 th % (2016)	10 th % (2016)	11 th % (2016)	12 th % (2016)	Overall HS % (2016)	9 th % (2014)	10 th % (2014)	11 th % (2014)	12 th % (2014)	Overall HS % (2014)
Pain Relievers	3.0	3.1	2.9	2.2	2.8	3.5	2.6	4.9	5.4	4.1
Stimulants	0.8	2.1	1.6	1.5	1.5	1.3	1.7	2.8	3.1	2.2
Tranquilizers	0.0	0.4	1.6	0.9	0.7	0.3	0.6	1.1	1.1	0.8