



DuPage County Prevention Leadership Team

## DuPage County: Illinois Youth Survey 2016

### Snapshot Results

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## Background

The Illinois Youth Survey (IYS) is a self-reported adolescent survey administered in Illinois schools and funded entirely by the Illinois Department of Human Services (IDHS) that has been conducted since 1993. The Center for Prevention Research and Development (CPRD) at the University of Illinois has been the state contractor since January 2011. All public and private schools in Illinois are welcome to participate in the survey. The survey is given to students at the 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> grade levels and the survey takes about one class period, or about 40-50 minutes.

The results of this survey are important because adolescent substance abuse, bullying, and other emotional and health issues are related to negative school outcomes:

- Absenteeism
- Academic difficulties
- Lack of motivation
- Interpersonal violence

The IYS provides data to schools about what their students are doing and thinking in regard to emotional and health related issues. Data gathered through the IYS can be used to guide planning for effective prevention strategies to ultimately increase academic performance and healthy behaviors. Data provides schools and communities the knowledge they need to develop and evaluate localized, targeted and effective solutions to youth substance abuse, violence and related issues

In 2016, 44 DuPage public schools participated in the Illinois Youth Survey. A total of 18,593 public school students participated, which is 50% of enrolled students. A total of 1090 private school students were also surveyed.

## Validity and Confidence of Data

The questions in the IYS are carefully designed and tested. There are screening measures in place to detect invalidate over-reporting and under-reporting and studies of similar surveys comparing self-report to actual use have shown sustainable validity.

Data confidence criteria as outlined by the University of Illinois, Center for Prevention Research and Development (CPRD):

- Data reflects over 50% of population and 50% of each grade.
- Demographic and geographic data reflects the overall population.
- Demographic data that is similar from year to year adds to confidence of comparing from year to year. Changes that reflect overall demographic shifts of the population are to be expected.
- Surveys administered in the spring of each year listed.

*The full IYS 2016 DuPage County Report can be found at:*

[https://iys.cprd.illinois.edu/UserFiles/Servers/Server\\_178052/File/2016/Cnty16\\_DuPage.pdf](https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2016/Cnty16_DuPage.pdf)

## DuPage County IYS 2016 Participant Information

Public School Building IYS Participation by School Level			
Middle Schools (8 <sup>th</sup> Grade)		High Schools (10 <sup>th</sup> and/or 12 <sup>th</sup> Grade)	
N Schools Participating	N Schools Eligible	N Schools Participating	N Schools Eligible
27	54	17	25
Percent Participated: 50%		Percent Participated: 68%	

Public School Student IYS Participation by Grade			
	N Students Surveyed	N Enrolled Students in County	% Enrolled Students in County Report
8 <sup>th</sup> Grade	5,552	11,787	47%
10 <sup>th</sup> Grade	7,263	12,680	57%
12 <sup>th</sup> Grade	5,778	12,491	46%
<b>Total</b>	<b>18,593</b>	<b>36,958</b>	<b>50%</b>

Number of Private School Students Surveyed by Grade			
8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Total
102	534	454	1090

## DuPage County IYS 2016 Participant Information

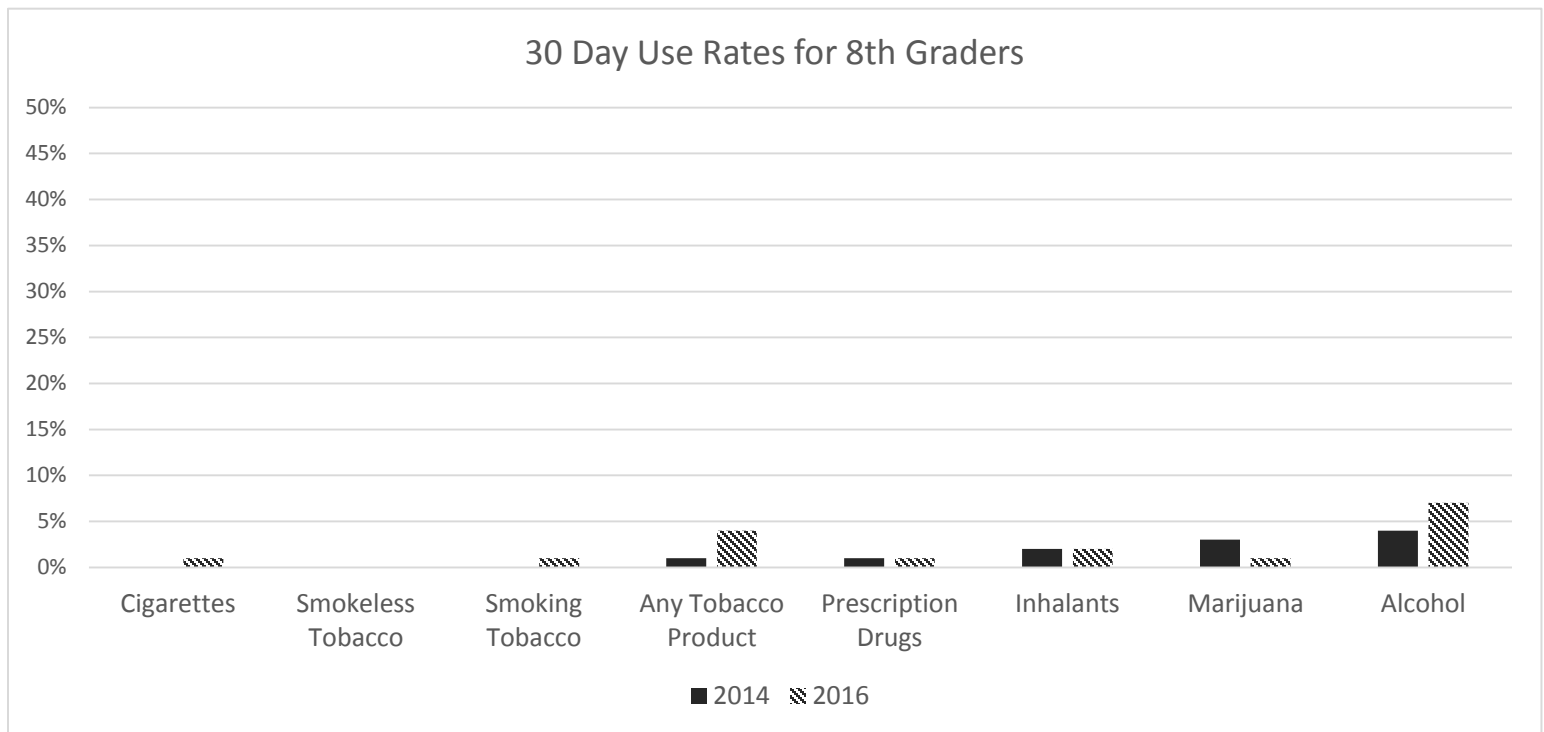
VARIABLE (as appears on IYS)	2014 Illinois Youth Survey (IYS)	2016 Illinois Youth Survey (IYS)
Total	18,484	18,593
8 <sup>th</sup> graders	6,348 - 53%	5,552 – 47%
10 <sup>th</sup> graders	4,849 - 38%	7,263 – 57%
12 <sup>th</sup> graders	2,350 - 18%	5,778 – 46%
Total Valid Surveys/ Total Enrollment = %	18,484/ 49,790 - 37%	18,593/ 36,958 - 50%
Private School Students Surveyed	298	1,090
White	59%	57%
Black/African American	6%	6%
Latino/Latina	9%	12%
Asian American	15%	13%
Native American / American Indian	1%	1%
Multi-racial	7%	8%
Other	3%	8%
Male	51%	50%
Female	49%	50%

## DuPage County: IYS 2016 30 Day Substance Use Results

Compared to 2014 Results

### 30 Day Use Rates for 8<sup>th</sup> Graders

Substance	2014 Data	2016 Data
Alcohol	4%	7%
Any Tobacco Product (cigarettes or other smoked tobacco or chewing tobacco or hookah or e-cigs)	1%	4%
Cigarettes	0%	1%
Smokeless Tobacco	0%	0%
Smoking Tobacco (other than e-cigarettes)	0%	1%
Inhalants	2%	2%
Marijuana	3%	1%
Prescription Drugs not prescribed to you	1%	1%
Used Past 2 Weeks		
Binge Drinking	3%	1%
Number of Respondents:	6499	5654



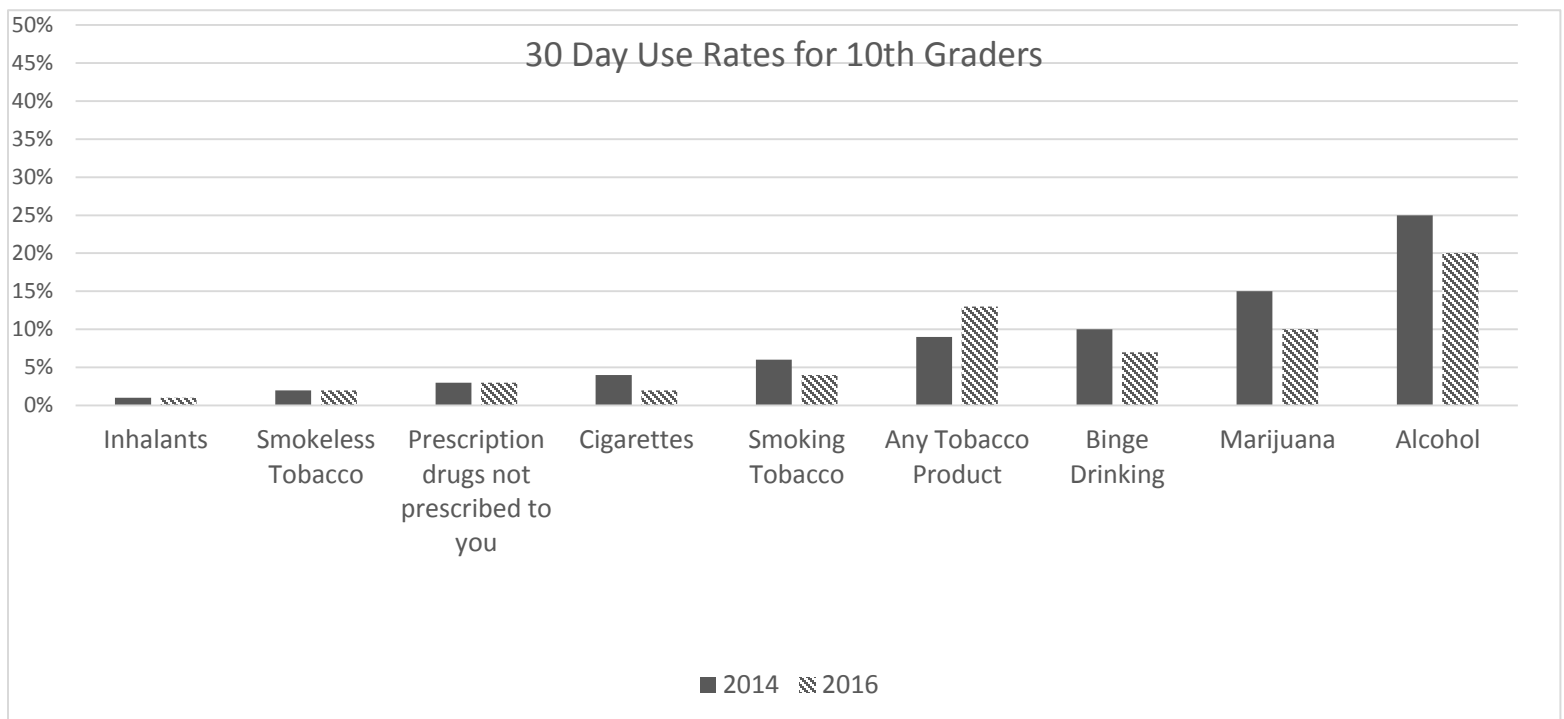
*\*data was not collected in 2014 on hookah or e-cigarettes*

### 30 Day Use Rates for 10<sup>th</sup> Graders

Substance	2014 Data	2016 Data
Alcohol	25%	20%
Any Tobacco Product (cigarettes or other smoked tobacco or chewing tobacco or hookah or e-cigs)	9%	13%
Cigarettes	4%	2%
Smokeless Tobacco	2%	2%
Smoking Tobacco (other than e-cigarettes)	6%	4%
Inhalants	1%	1%
Marijuana	15%	10%
Prescription Drugs not prescribed to you	3%	3%
Used Past 2 Weeks		
Binge Drinking	10%	7%
Number of Respondents:	4849	7797

*2016 Data not collected in 2014*

Smoked a hookah or water pipe	8%
E-cigarettes	7%



*\*data was not collected in 2014 on hookah or e-cigarettes*

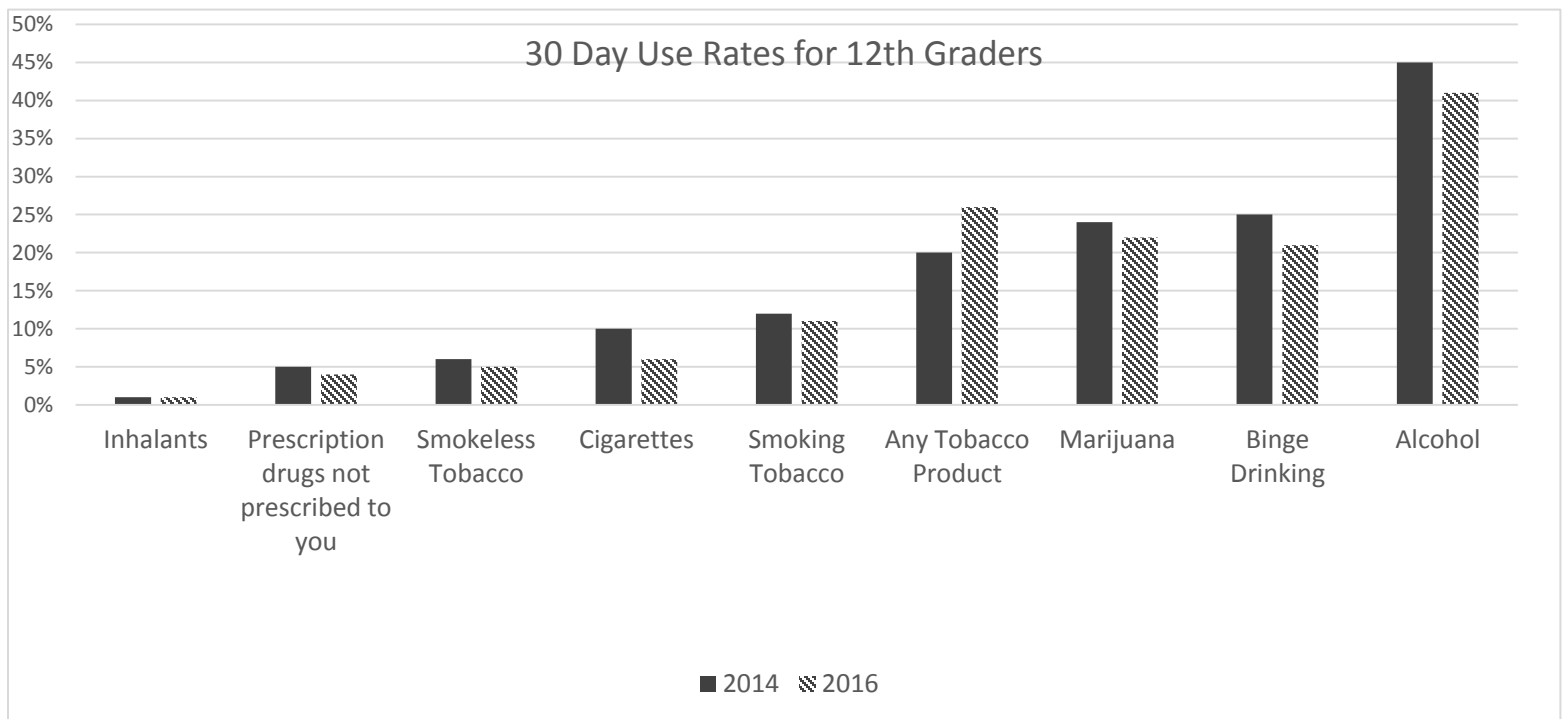


### 30 Day Use Rates for 12<sup>th</sup> Graders

Substance	2014 Data	2016 Data
Alcohol	45%	41%
Any Tobacco Product (cigarettes or other smoked tobacco or chewing tobacco or hookah or e-cigs)	20%	26%
Cigarettes	10%	6%
Smokeless Tobacco	6%	5%
Smoking Tobacco (other than e-cigarettes)	12%	11%
Inhalants	1%	1%
Marijuana	24%	22%
Prescription Drugs not prescribed to you	5%	4%
Used Past 2 Weeks		
Binge Drinking	25%	21%
Number of Respondents:	2350	6232

2016 Data not collected in 2014

Smoked a hookah or water pipe	14%
E-cigarettes	14%



\*data was not collected in 2014 on hookah or e-cigarettes

## DuPage County: IYS 2016 Past Year Substance Use Results

Compared to 2014 Results

*Used Past Year Rates for 8<sup>th</sup> Graders*

Substance	2014 Data	2016 Data
<b>Any Substance (Including alcohol, cigarettes, inhalants or marijuana)</b>	21%	18%
Alcohol	20%	16%
Any Tobacco Product (excluding e-cigarettes)	N/A	3%
Cigarettes	2%	1%
Inhalants	3%	2%
Marijuana	4%	2%
<b>Any Illicit Drugs (excluding marijuana)</b>	1%	0%
Crack/Cocaine	1%	0%
Hallucinogens/LSD	0%	0%
Ecstasy/MDMA	1%	0%
Methamphetamine	0%	0%
Heroin	0%	0%
<b>Any Prescription Drugs to get high</b>	2%	1%
Steroids	1%	1%
Prescription Painkillers	1%	1%
Other Prescription Drugs	1%	1%
Prescription drugs not prescribed to you	4%	3%
Over-the-Counter Drugs	2%	1%
Number of Respondents:	6499	5654

*Used Past Year Rates for 10<sup>th</sup> Graders*

Substance	2014 Data	2016 Data
<b>Any Substance (Including alcohol, cigarettes, inhalants or marijuana)</b>	48%	40%
Alcohol	45%	38%
Any Tobacco Product (excluding e-cigarettes)	N/A	8%
Cigarettes	8%	3%
Inhalants	2%	1%
Marijuana	23%	16%
<b>Any Illicit Drugs (excluding marijuana)</b>	4%	2%
Crack/Cocaine	1%	1%
Hallucinogens/LSD	2%	2%
Ecstasy/MDMA	2%	1%
Methamphetamine	1%	0%
Heroin	1%	0%
<b>Any Prescription Drugs to get high</b>	5%	4%
Steroids	1%	0%
Prescription Painkillers	3%	2%
Other Prescription Drugs	4%	4%
Prescription drugs not prescribed to you	8%	7%
Over-the-Counter Drugs	3%	2%
Number of Respondents:	4849	7797

*Used Past Year Rates for 12<sup>th</sup> Graders*

Substance	2014 Data	2016 Data
<b>Any Substance (Including alcohol, cigarettes, inhalants or marijuana)</b>	67%	61%
Alcohol	65%	58%
Any Tobacco Product (excluding e-cigarettes)	N/A	18%
Cigarettes	15%	10%
Inhalants	1%	1%
Marijuana	36%	33%
<b>Any Illicit Drugs (excluding marijuana)</b>	8%	7%
Crack/Cocaine	2%	3%
Hallucinogens/LSD	5%	5%
Ecstasy/MDMA	5%	3%
Methamphetamine	1%	1%
Heroin	1%	1%
<b>Any Prescription Drugs to get high</b>	9%	8%
Steroids	1%	1%
Prescription Painkillers	4%	4%
Other Prescription Drugs	7%	6%
Prescription drugs not prescribed to you	12%	9%
Over-the-Counter Drugs	3%	3%
Number of Respondents:	2350	6232

## DuPage County: IYS 2016 Alcohol Supply Source Results

### \*Among Alcohol Users ONLY\*

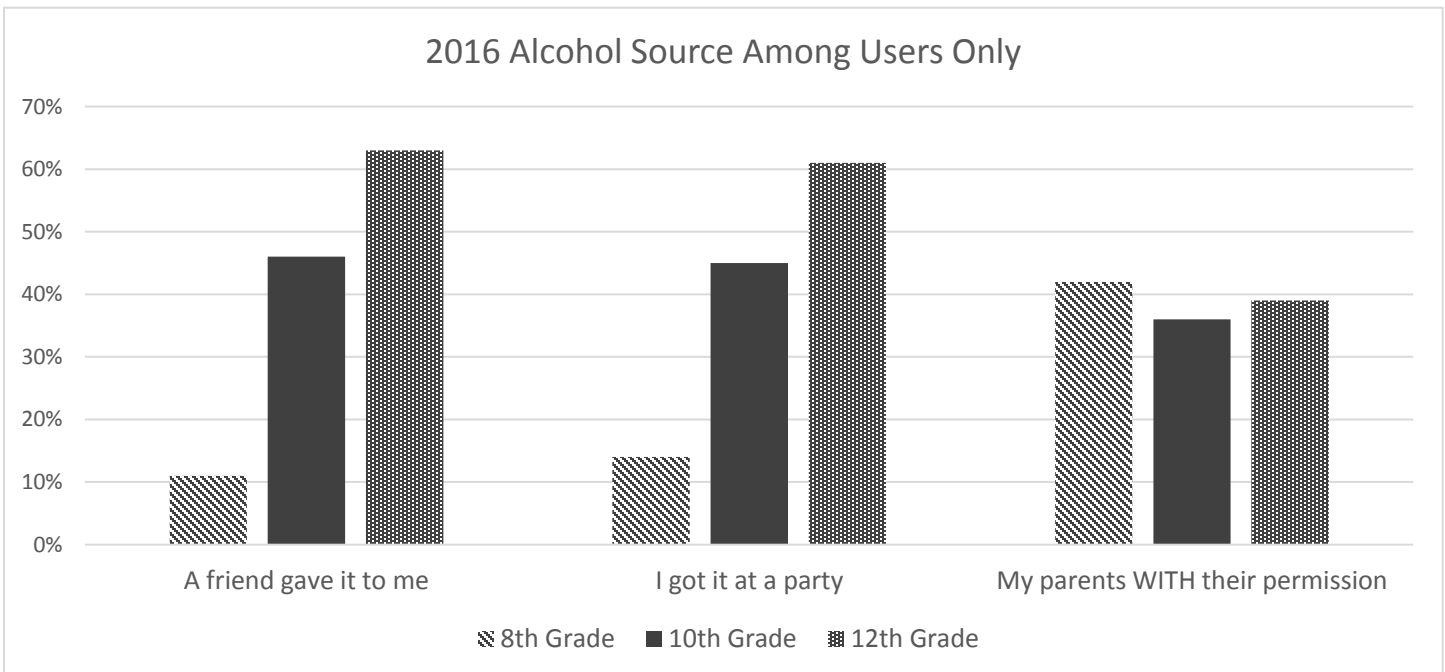
Grades 8<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup> Grade Compared to 2014 Results

#### 2014 Results

Source	8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade
My parents WITH their permission	42%	32%	34%
A friend gave it to me	17%	50%	64%
I got it at a party	18%	50%	61%

#### 2016 Results

Source	8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade
My parents WITH their permission	42%	36%	39%
A friend gave it to me	11%	46%	63%
I got it at a party	14%	45%	61%

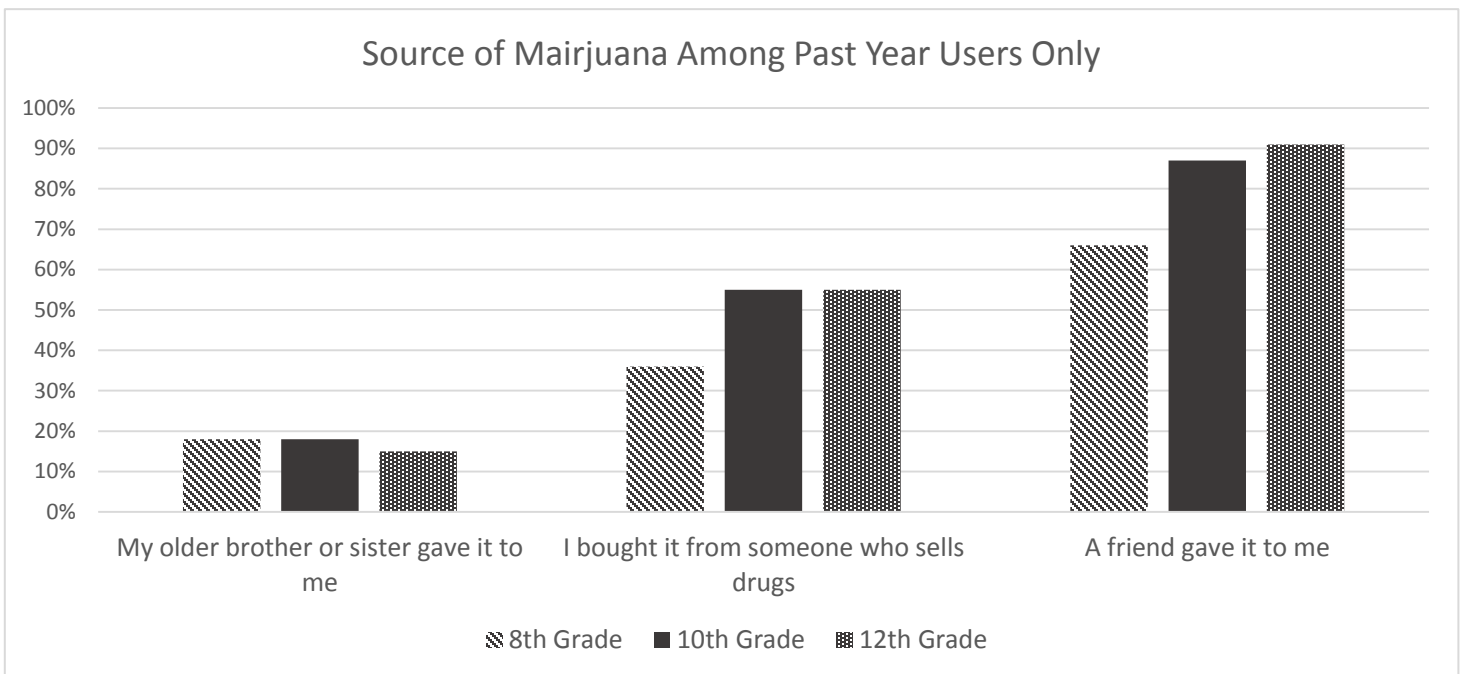


## DuPage County: IYS 2016 Alcohol Supply Source Results

### \*Among Marijuana Users ONLY\*

Grades 8<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup> Grade

Source	8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade
A friend gave it to me	66%	87%	91%
I bought it from someone who sells drugs	36%	55%	55%
My older brother or sister gave it to me	18%	18%	15%



*\*Source of marijuana data was not collected in 2014*

## DuPage County: IYS 2016 Perceived Risk Associated With Use Results

Compared to 2014 Results

How much do you think people risk harming themselves (physically or in other ways) if they:

*Take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day*

Grade Level	2014 Data		2016 Data	
	No Risk	Great Risk	No Risk	Great Risk
8 <sup>th</sup> Grade	2%	47%	3%	51%
10 <sup>th</sup> Grade	3%	46%	2%	52%
12 <sup>th</sup> Grade	3%	43%	3%	46%

How much do you think people risk harming themselves (physically or in other ways) if they:

*Have five or more drinks of an alcoholic beverage once or twice a week*

Grade Level	2014 Data		2016 Data	
	No Risk	Great Risk	No Risk	Great Risk
8 <sup>th</sup> Grade	2%	61%	3%	63%
10 <sup>th</sup> Grade	2%	52%	2%	58%
12 <sup>th</sup> Grade	3%	43%	4%	48%

How much do you think people risk harming themselves (physically or in other ways) if they:

*Smoke one or more packs of cigarettes per day*

Grade Level	2014 Data		2016 Data	
	No Risk	Great Risk	No Risk	Great Risk
8 <sup>th</sup> Grade	1%	79%	2%	80%
10 <sup>th</sup> Grade	2%	75%	2%	58%
12 <sup>th</sup> Grade	2%	76%	2%	78%

How much do you think people risk harming themselves (physically or in other ways) if they:  
*Smoke marijuana once or twice a week*

Grade Level	2014 Data		2016 Data	
	No Risk	Great Risk	No Risk	Great Risk
8 <sup>th</sup> Grade	6%	59%	5%	63%
10 <sup>th</sup> Grade	16%	31%	12%	36%
12 <sup>th</sup> Grade	25%	22%	22%	24%

How much do you think people risk harming themselves (physically or in other ways) if they:  
*Use prescription drugs not prescribed to them*

Grade Level	2014 Data		2016 Data	
	No Risk	Great Risk	No Risk	Great Risk
8 <sup>th</sup> Grade	2%	71%	2%	72%
10 <sup>th</sup> Grade	2%	68%	2%	70%
12 <sup>th</sup> Grade	1%	67%	2%	70%



## DuPage County: IYS 2016 Mental Health Results

Compared to 2014 Results

### 2014 Results

During the past 12 months did you ever:	8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Seriously consider attempting suicide	N/A	18%	13%
Feel so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities	25%	32%	28%

### 2016 Results

During the past 12 months did you ever:	8 <sup>th</sup> Grade	10 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Seriously consider attempting suicide	N/A	16%	15%
Feel so sad or hopeless almost every day for two weeks or more in a row that you stopped doing some usual activities	22%	29%	29%

### *Compared to National Data:*

According to results from the 2014 National Survey on Drug Use and Health, **11.4%** of adolescents aged 12-17 had a period of 2 weeks or longer in the past 12 months when they experienced a depressed mood or loss of interest or pleasure in daily activities.

## DuPage County IYS 2016 Snapshot Take Away Points

### Mental Health

- Serious consideration of suicide and depressive episodes has increased among 12<sup>th</sup> graders since 2014
- One third of seniors experienced a depressive episode in the last year – almost triple the national average rate
- Mental health is an indicator of overall health and related to substance use & other problems

### 30 Day Use Rates

- Alcohol is most commonly used substance among all grades
- Tobacco use rates have increased
  - It can be inferred that this is related to the inclusion of questions on e-cigarettes and hookah
- Heroin use is not asked in 30 day use section
- Marijuana use and binge drinking have decreased among all grades

### Past Year Use Rates

- Substance use rate in the past year does not accurately represent current users
- Past year use rates are higher than 30 day use rates
- More substances included in 30 day use rates including more illicit drugs and breakdown of prescription drugs
  - Those use rates are generally very low amongst all grade levels

### Alcohol Source Results

- These numbers only reflect the number of students who reported using alcohol in the past year. (the percentages do not represent percent of entire group surveyed)
- 'Parents with their permission', 'a friend gave it to me' and 'I got it at a party' were the top 3 sources of alcohol.
- 'Parents with their permission' as a source of alcohol has increased since 2014 – demonstrates need for social hosting ordinances & awareness

## **Marijuana Source Results**

- These numbers only reflect the number of students who reported using marijuana in the past year. (the percentages do not represent percent of entire group surveyed)
- 'My older brother or sister gave it to me', 'a friend gave it to me' and 'I from someone who sells drugs' were the top 3 sources of alcohol.
- All 3 of these sources could be the same person.
- Example: "My older brother, who sells drugs, that I consider my friend, gave it to me"
  - How can these sources be addressed?

## **Perception of Risk**

- There are other options besides 'No Risk' and 'Great Risk' on the survey:
  - No Risk, Slight Risk, Moderate Risk, Great Risk
- For a majority of the substances, the perception of great risk associated with use went up (which is a good thing)
- Even though perception of great risk associated with marijuana use has increased... it is still very low
  - The majority of 10<sup>th</sup> and 12<sup>th</sup> graders did not report great risk

## How to Utilize this Data

### Schools

- Each participating school will receive their own individual school results.
  - Report will cover all survey items and includes state comparisons for selected items.
  - Schools can measure progress over time (when implemented every two years).
- The data can be useful for a variety of school and community planning efforts.
  - Health and Physical Education Teachers, School Social Workers and Psychologists, School Nurses, School Resource Officers, Administrations, etc. can utilize the data to help drive and focus their planning and efforts.
- The data can be useful for grant reporting purposes and to help leverage additional funding.
- The data can be used in communication campaigns throughout the school.

### Parents and Guardians

- Parents and Guardians can use this data to start a conversation teens in their life about the issues addressed in the survey; substance use, mental health, physical activity, perception, and more.

### Professionals

- A variety of professionals can benefit from using this data.
  - Local/public health workers
  - Therapists, counselors, social workers in private practice
  - Local physicians
  - Substance use treatment centers
- The data can be useful for a wide range of efforts including;
  - Planning
  - Grant reporting and writing
  - Education/communication campaigns

*If you are interested in learning more about how to utilize the DuPage County 2016 IYS data, contact Jordan Esser at [Jordan.esser@dupagehealth.org](mailto:Jordan.esser@dupagehealth.org)*