

Jackson County

Substance
abuse
prevention
Coalition

DrugFreeJackson.com



NEEDS ASSESSMENT

August 2012

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EXECUTIVE SUMMARY

SNAPSHOT OF JACKSON COUNTY SUBSTANCE ABUSE

ALCOHOL

- 49% of high school youth have tried alcohol.....26% of high school youth used alcohol in the past month¹
- The most common way middle school youth (37%) get alcohol is by taking it from a family member¹
- The most common way high school youth (39%) get alcohol is by someone giving it to them¹
- In the past 30 days, 19% of high school youth have ridden in a vehicle driven by someone who had been drinking alcohol¹
- In 2010, there were 1,094 alcohol-related driving arrests³
- 43% of adults drink alcohol²

TOBACCO

- 29% of high school youth have tried tobacco.....15% of high school youth used tobacco in the past month¹
- The method by which middle and high school youth get their cigarettes varies and includes: giving money to someone to buy it, borrowing/bumming cigarettes and taking it from a family member¹
- 22% of adults smoke cigarettes²

OTHER DRUGS

- 33% of high school youth have tried marijuana.....19% of high school youth used marijuana in the past month¹
- 9% of high school youth have used OxyContin, Codeine, Percocet or Tylenol III without a prescription in the past 30 days¹
- 13% of middle school youth have used OxyContin, Codeine, Percocet or Tylenol III without a prescription in their lifetime¹
- In 2011, there were 21 methamphetamine-related cases in Jackson County⁴

ADDITIONAL DATA

- Perception of risk (of use) for alcohol and marijuana decreases as youth get older; however, for tobacco perception of risk increases as youth age¹
- 20% of high school youth have been in a physical fight in the last year¹
- For the Fall 2011 school year, Jackson County's Free and Reduced Lunch Rates was 51.8%⁵

¹ 2012 Michigan Profile for Healthy Youth Survey

² 2011 Allegiance Health Community Survey

³ 2010 Michigan Annual Drunk Driving Audit

⁴ 2011 Jackson Narcotics Enforcement Team

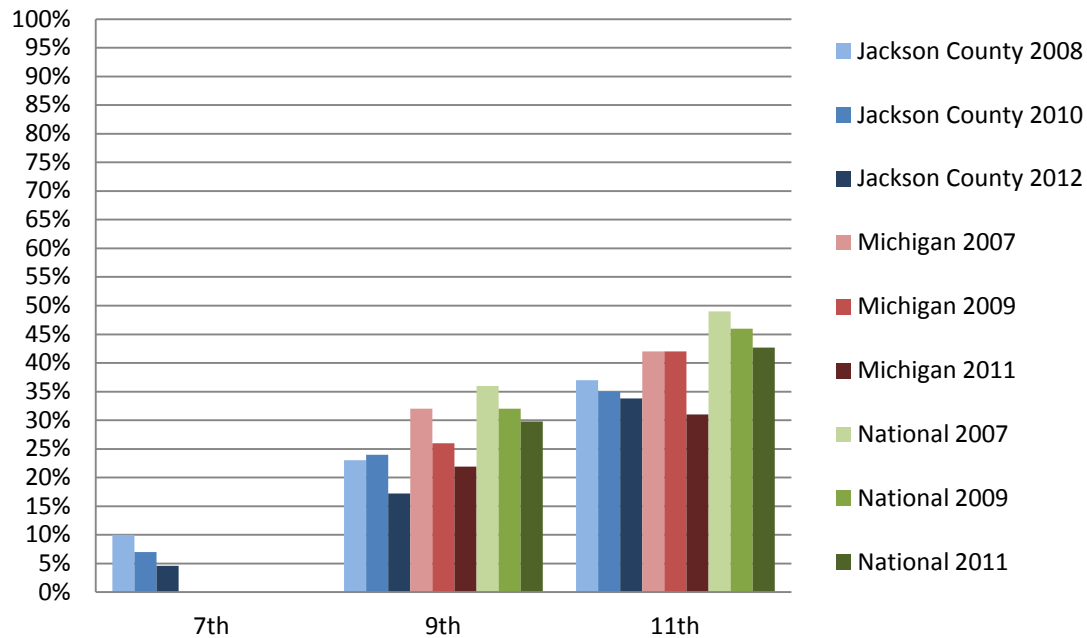
⁵ 2011 Michigan Center for Educational Performance and Information and Kids Count Data Center

YOUTH SUBSTANCE USE BEHAVIORS AND ACCESS

- Alcohol, tobacco and marijuana are the top three substances most commonly used in Jackson County according to the 2012 Michigan Profile for Healthy Youth (MiPHY) Survey.
- In addition to these three substances, the Coalition will monitor prescription and over-the-counter drug use.

ALCOHOL - 30 DAY USE

Youth Alcohol Use in the Past 30 Days

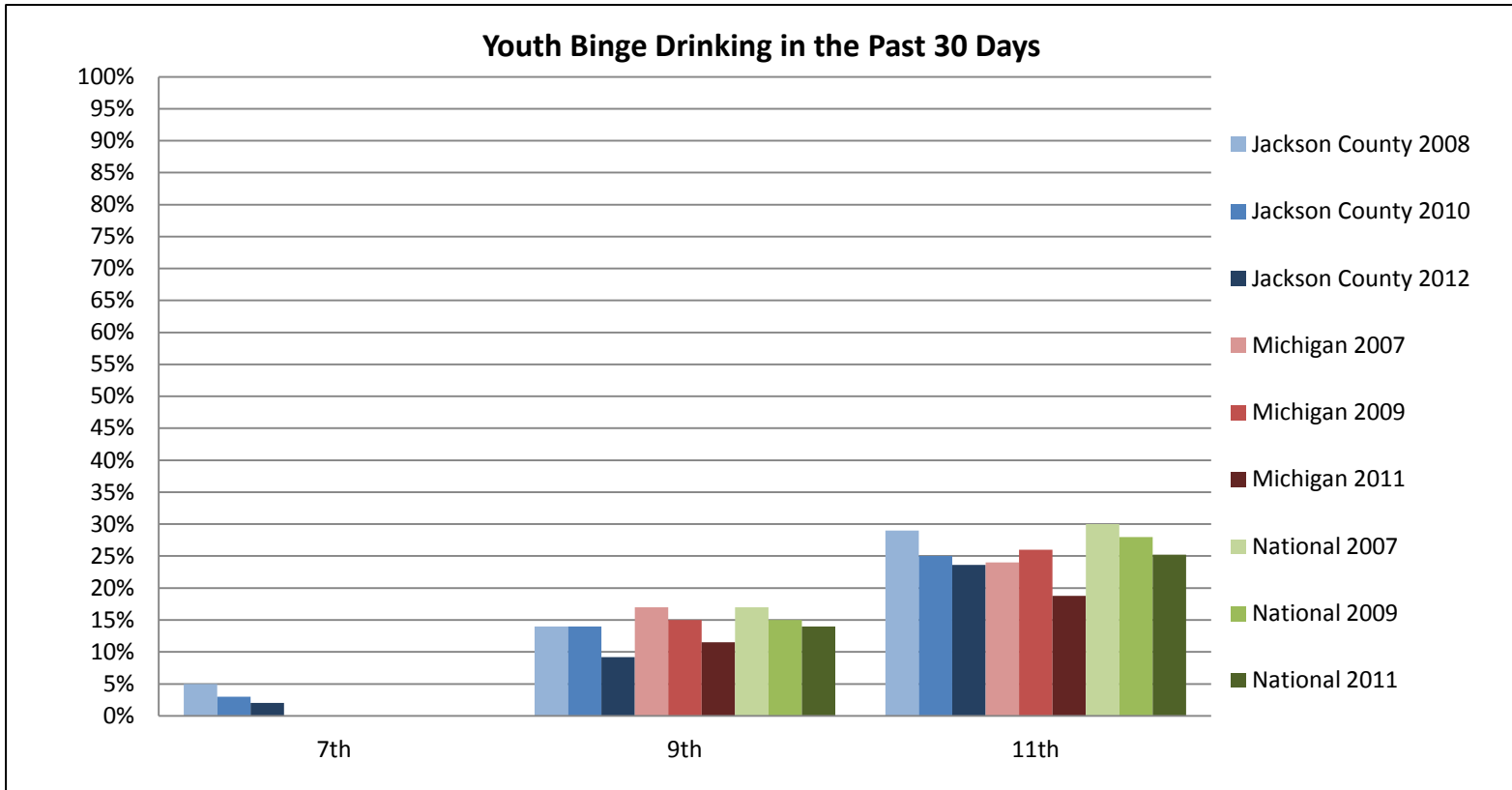


49% of Jackson County high school youth have used alcohol in their lifetime.
(MiPHY 2012)



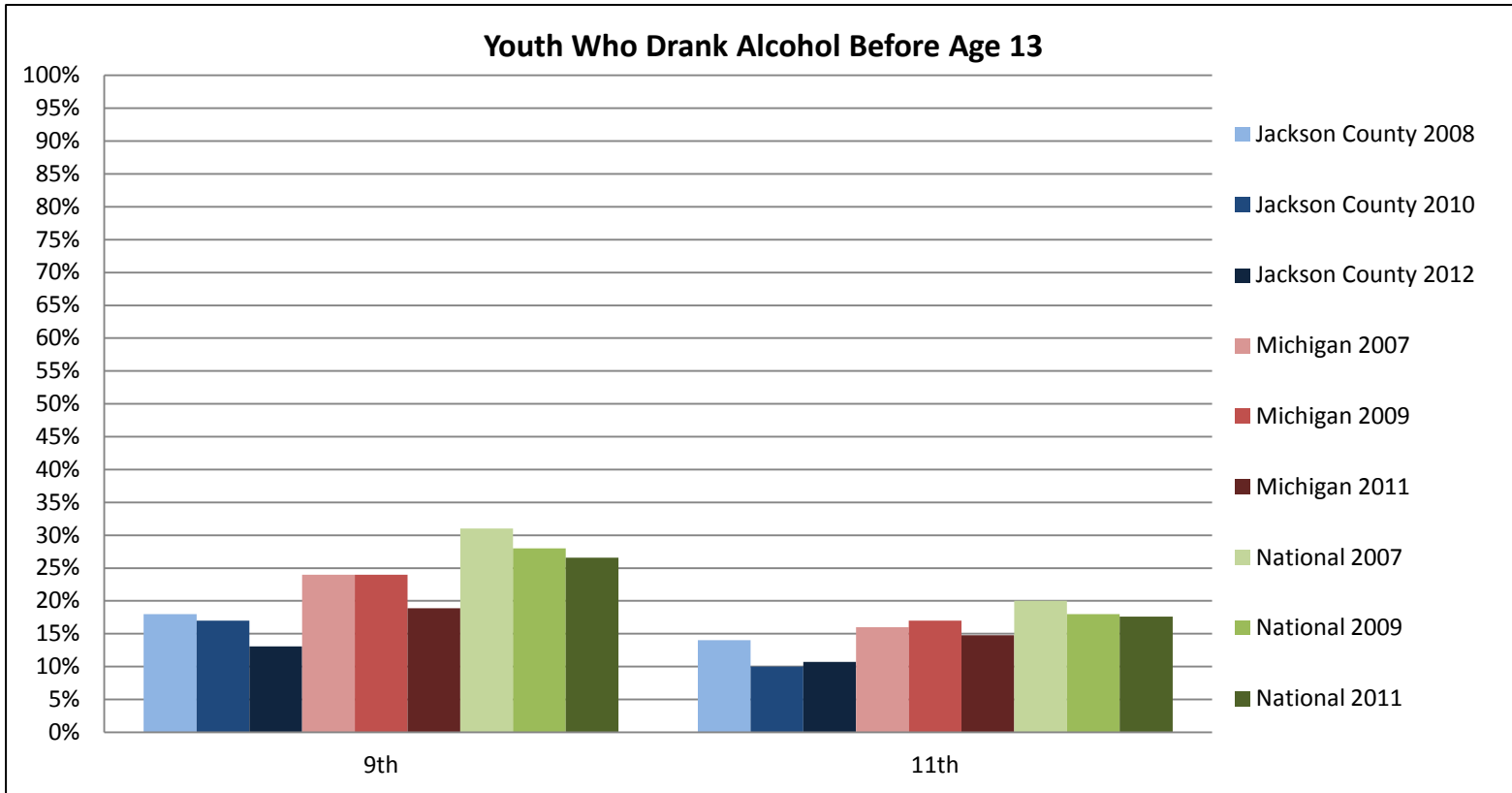
Youth Alcohol Use in the Past 30 Days

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
7th	10%	7%	5%	N/A	N/A	N/A	N/A	N/A	N/A
9th	23%	24%	17%	32%	26%	22%	36%	32%	30%
11th	37%	35%	34%	42%	42%	31%	49%	46%	43%



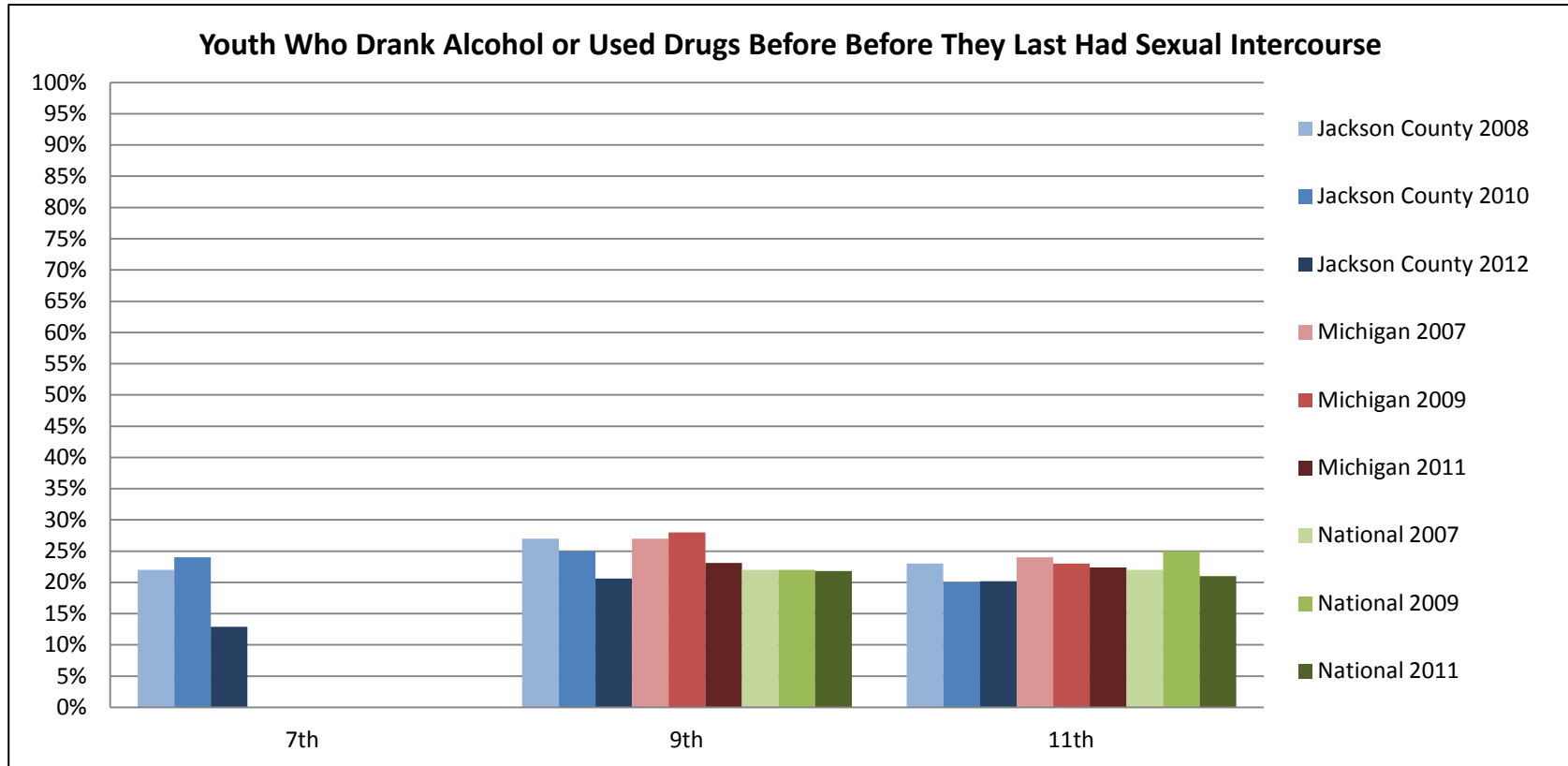
Youth Binge Drinking in the Past 30 Days

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
7th	5%	3%	2%	N/A	N/A	N/A	N/A	N/A	N/A
9th	14%	14%	9%	17%	15%	12%	17%	15%	14%
11th	29%	25%	24%	24%	26%	19%	30%	28%	25%



Youth Who Drank Alcohol Before Age 13

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
9th	18%	17%	13%	24%	24%	19%	31%	28%	27%
11th	14%	10%	11%	16%	17%	15%	20%	18%	18%

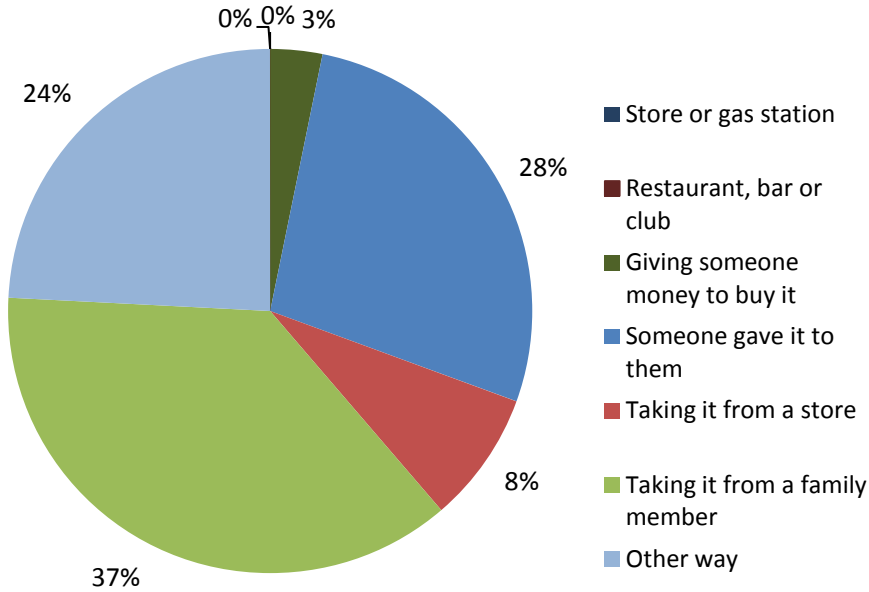


Youth Who Drank Alcohol or Used Drugs Before They Last Had Sexual Intercourse

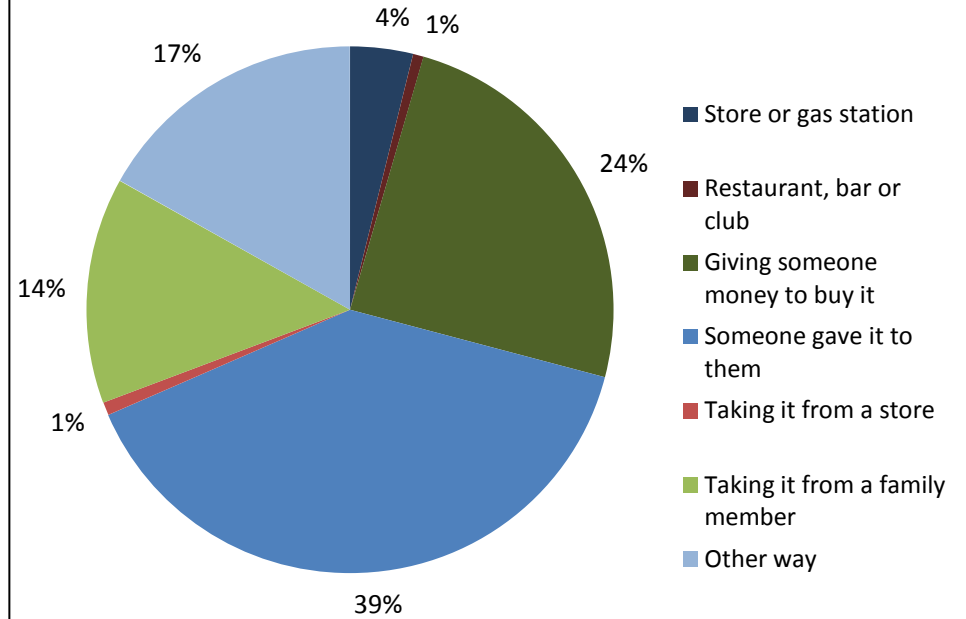
Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
7th	22%	24%	13%	N/A	N/A	N/A	N/A	N/A	N/A
9th	27%	25%	20.60%	27%	28%	23%	22%	22%	22%
11th	23%	20%	20.20%	24%	23%	22%	22%	25%	21%

ACQUIRING ALCOHOL

Jackson County Middle School Youth: How They Get Their Alcohol

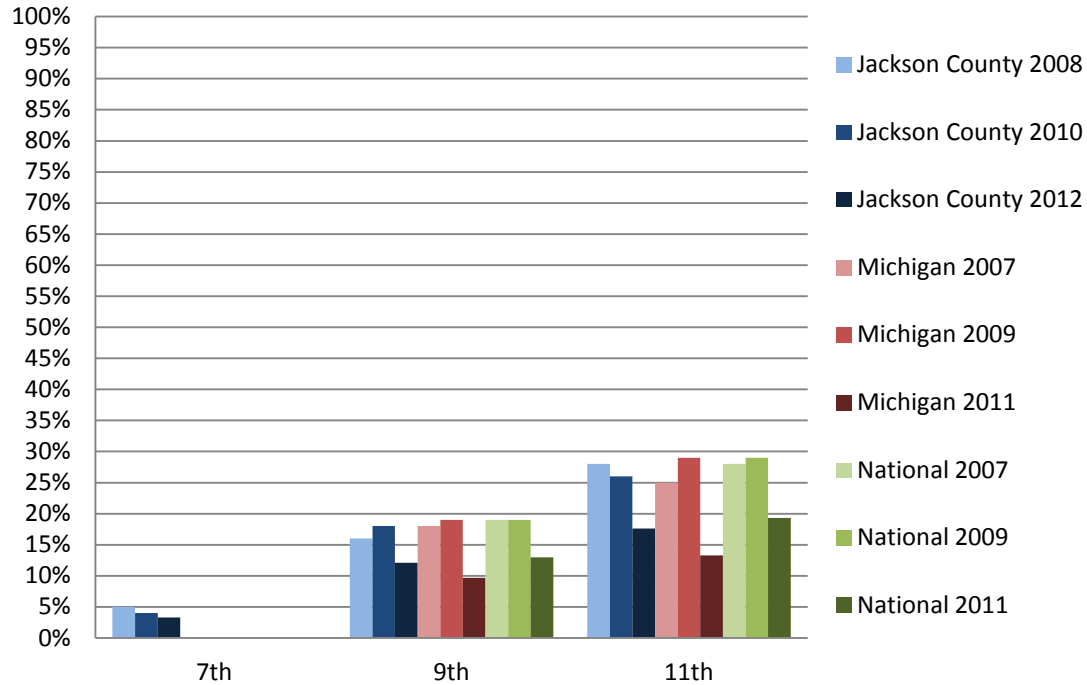


Jackson County High School Youth: How They Get Their Alcohol



Among students who drank recently how they got their alcohol in the past 30 days		
	Middle	High
Store or gas station	0.0%	3.9%
Restaurant, bar or club	0.0%	0.7%
Giving someone money to buy it	3.2%	24.6%
Someone gave it to them	27.4%	39.3%
Taking it from a store	8.1%	0.8%
Taking it from a family member	37.1%	13.9%
Other way	24.2%	16.9%

Youth Tobacco Use in the Past 30 Days

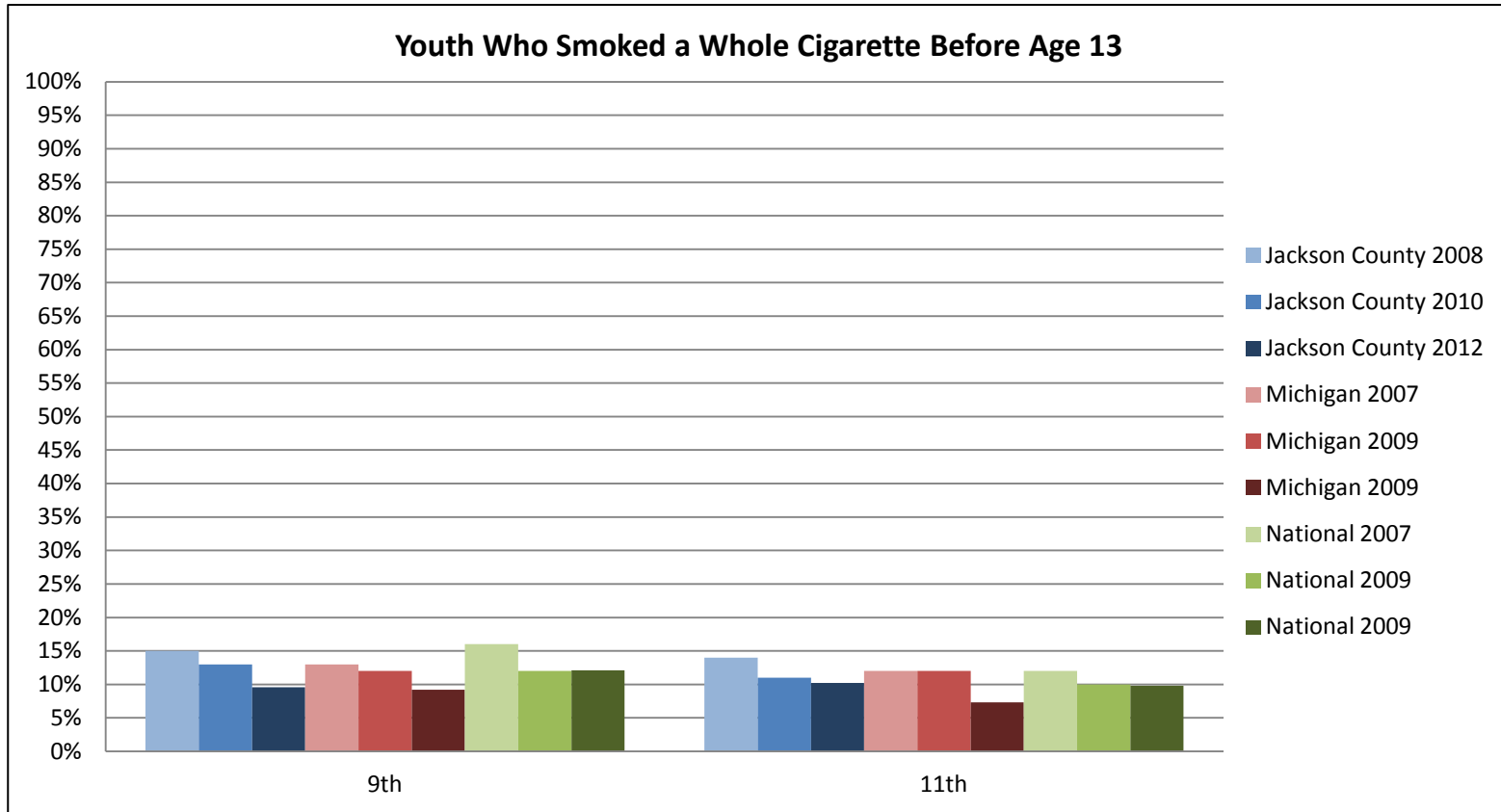


29% of Jackson County high school students who have ever smoked a whole cigarette in their lifetime. (MIPHY 2012)



Youth Tobacco Use in the Past 30 Days

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
7th	5%	4%	3%	N/A	N/A	N/A	N/A	N/A	N/A
9th	16%	18%	12%	18%	19%	10%	19%	19%	13%
11th	28%	26%	18%	25%	29%	13%	28%	29%	19%

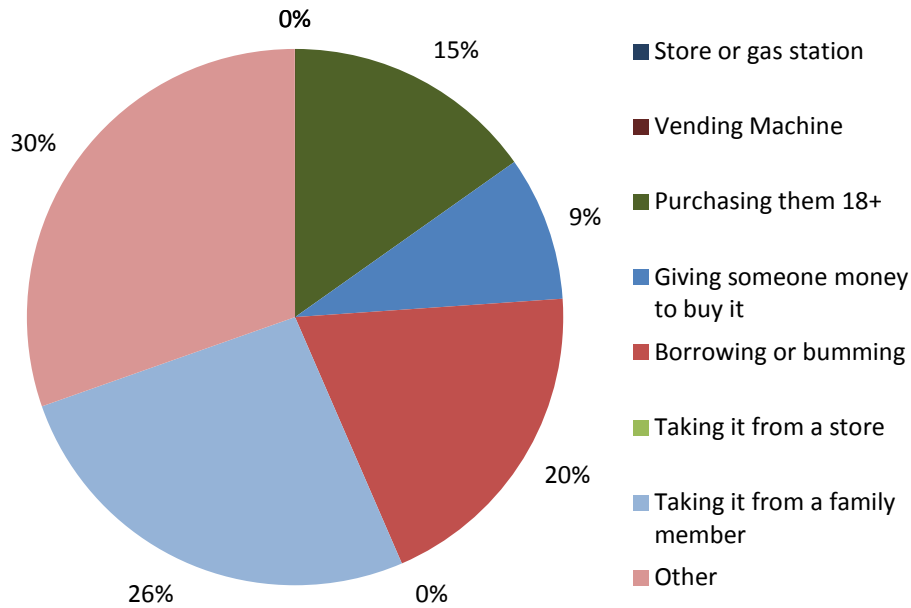


Youth Who Smoked a Whole Cigarette Before the Age of 13

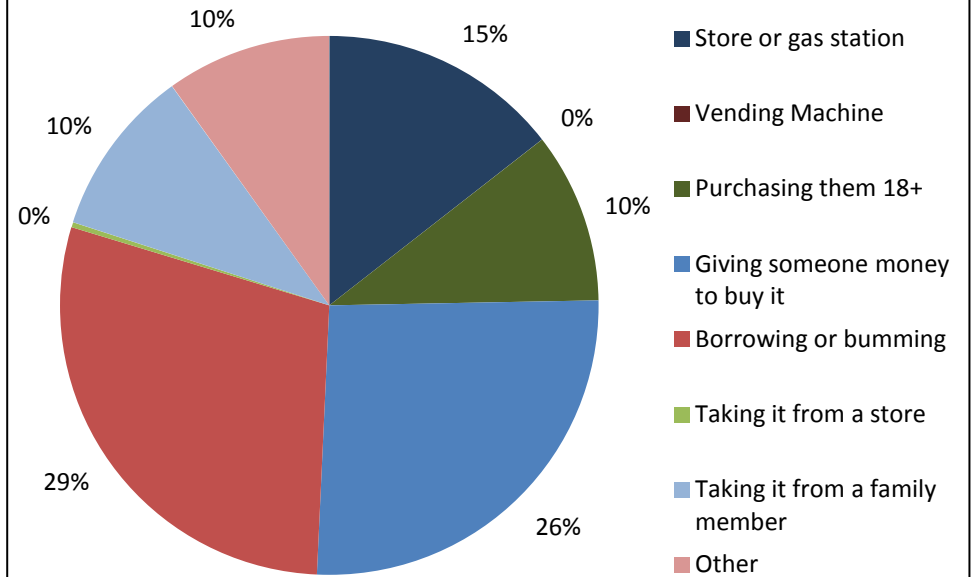
Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2009	National 2007	National 2009	National 2009
9th	15%	13%	10%	13%	12%	9%	16%	12%	12%
11th	14%	11%	10%	12%	12%	7%	12%	10%	10%

ACQUIRING TOBACCO

Jackson County Middle School Youth: How They Got Their Cigarettes



Jackson County High School Youth: How They Got Their Cigarettes

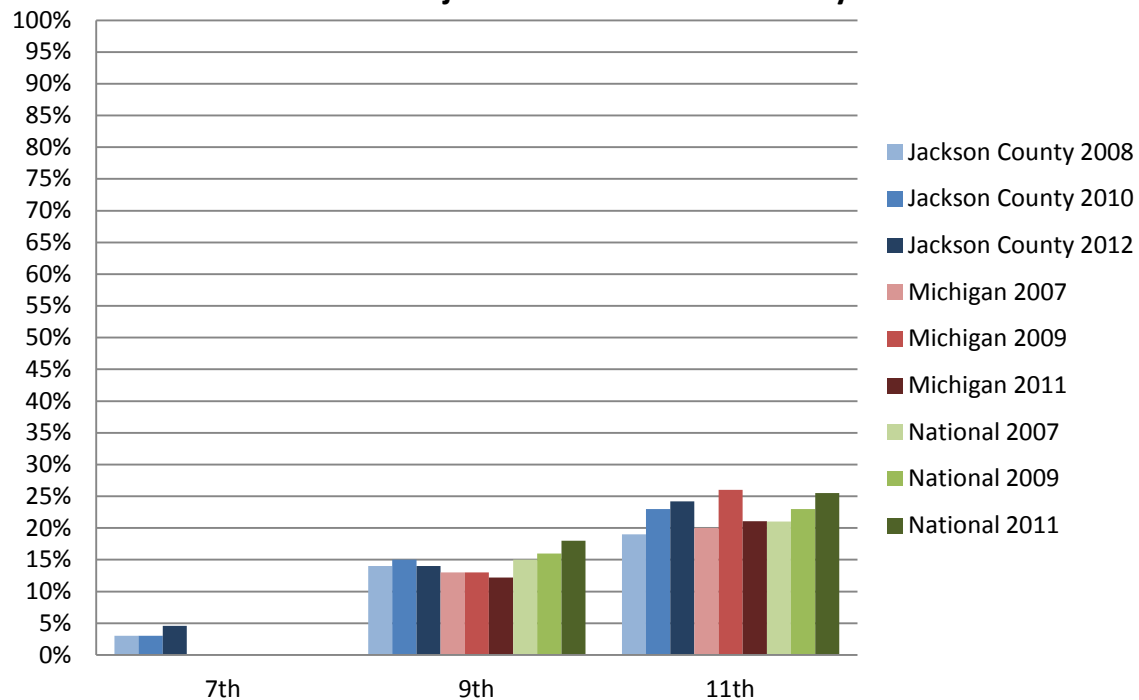


Among students who smoked recently how they got their cigarettes in the past 30 days

	Middle	High
Store or gas station	0.0%	14.5%
Vending Machine	0.0%	0.0%
Purchasing them 18+	15.2%	10.3%
Giving someone money to buy it	8.7%	26.0%
Borrowing or bumming	19.6%	29.0%
Taking it from a store	0.0%	0.3%
Taking it from a family member	26.1%	10.1%
Other	30.4%	9.9%

MARIJUANA - 30 DAY USE

Youth Marijuana Use in the Past 30 Days

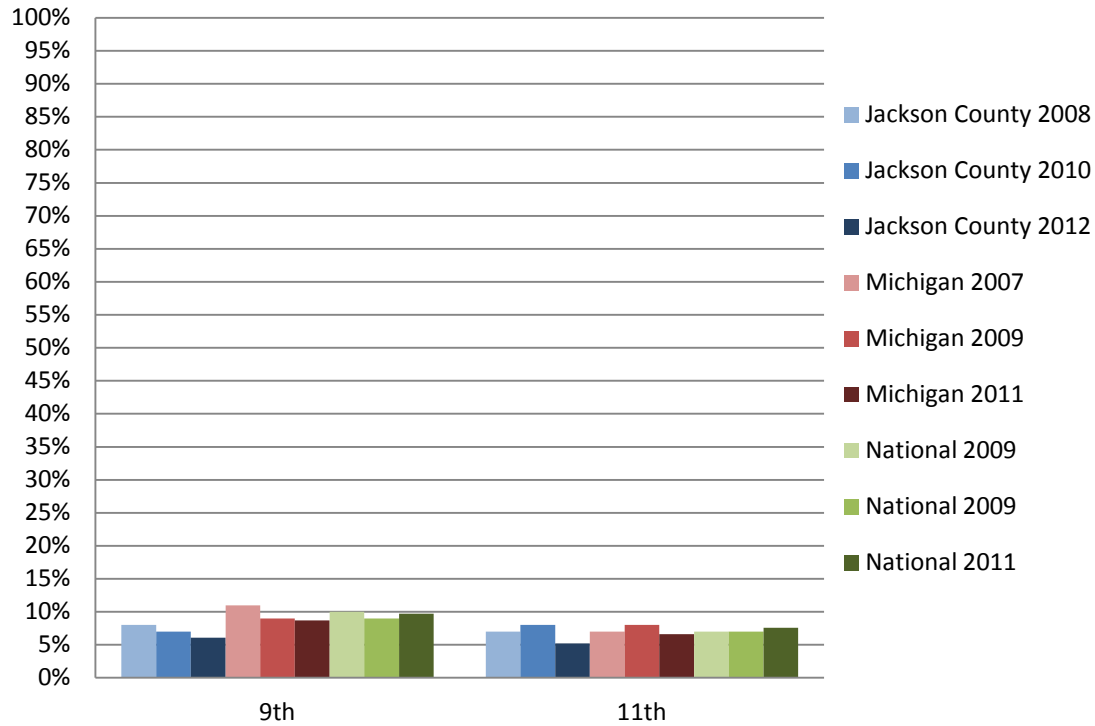


According to the *City of Jackson Police*, in 2011 **32%** (225) of their narcotic and drug arrests were for marijuana. This does not include the **167** narcotic equipment arrests that could also be related to marijuana.

Youth Marijuana Use in the Past 30 Days

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
7th	3%	3%	5%	N/A	N/A	N/A	N/A	N/A	N/A
9th	14%	15%	14%	13%	13%	12%	15%	16%	18%
11th	19%	23%	24%	20%	26%	21%	21%	23%	26%

Youth Who Tried Marijuana Before Age 13

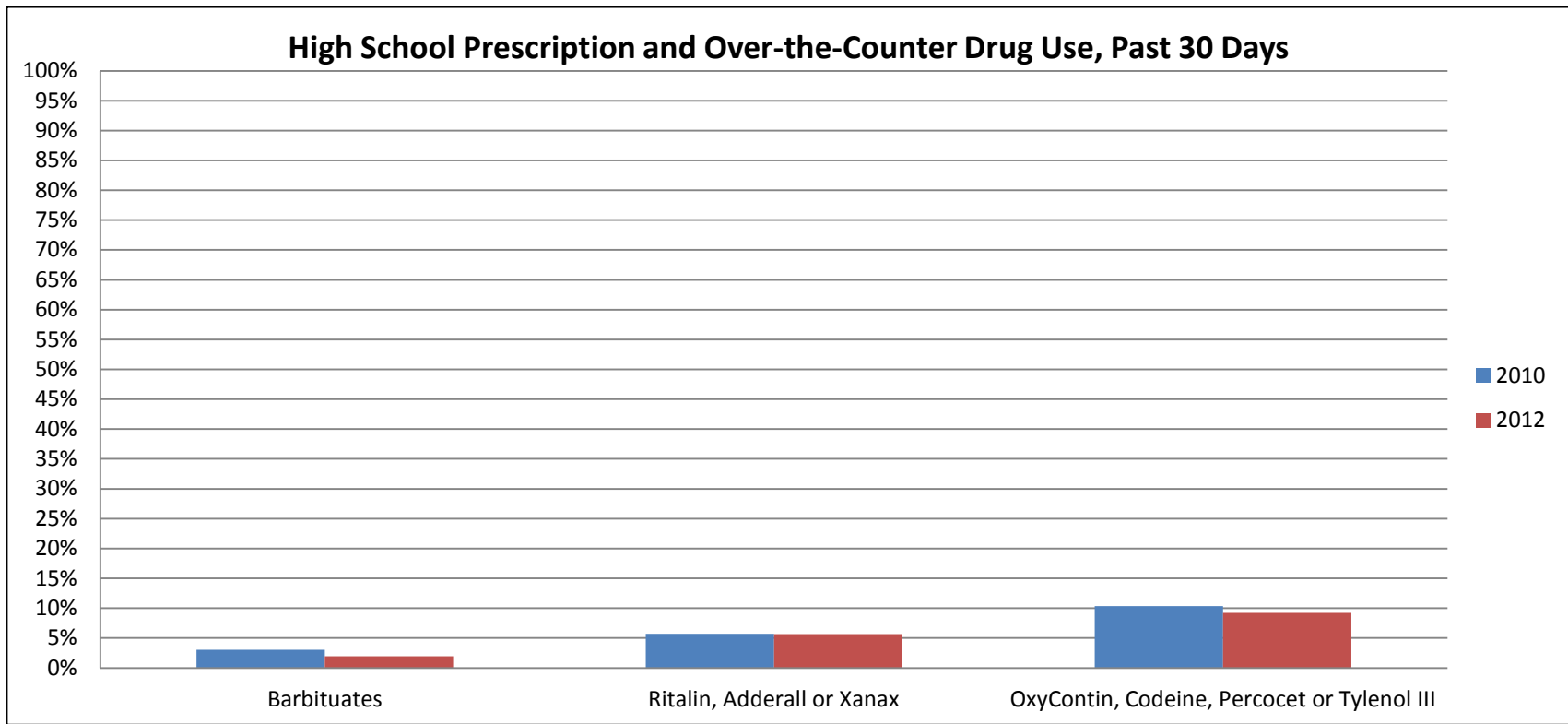


Youth Who Tried Marijuana Before Age 13

Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
9th	8%	7%	6%	11%	9%	9%	10%	9%	10%
11th	7%	8%	5%	7%	8%	7%	7%	7%	8%

33% of Jackson County high school youth have used marijuana in their lifetime.
(MiPHY 2012)





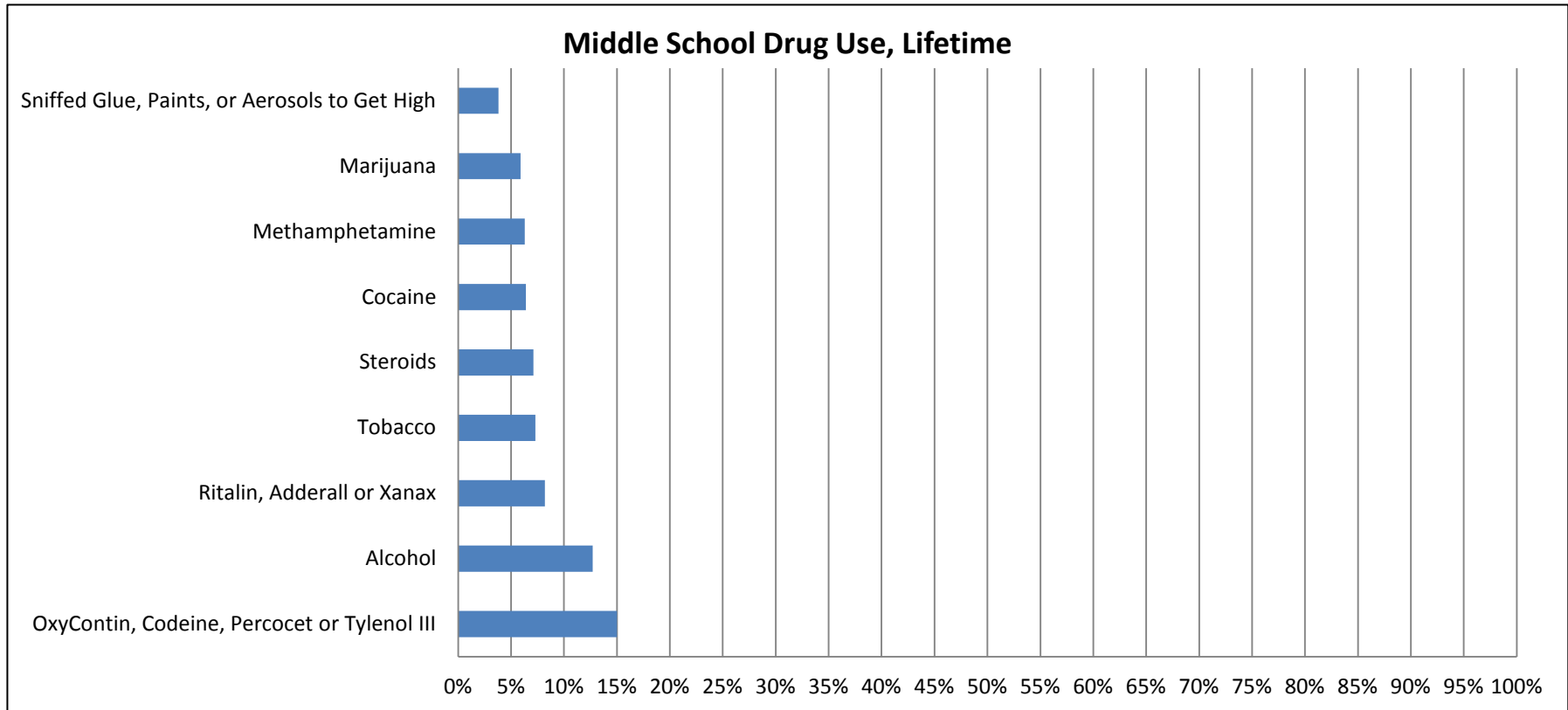
Jackson County High School Youth Prescription and Over-the-Counter Drug Use in the Past 30 Days

Year	2010	2012
Barbituates	3%	2%
Ritalin, Adderall or Xanax	6%	6%
OxyContin, Codeine, Percocet or Tylenol III	10%	9%

8% of middle school youth have used Ritalin, Adderall or Xanax without a prescription in their lifetime. (MIPHY 2012)

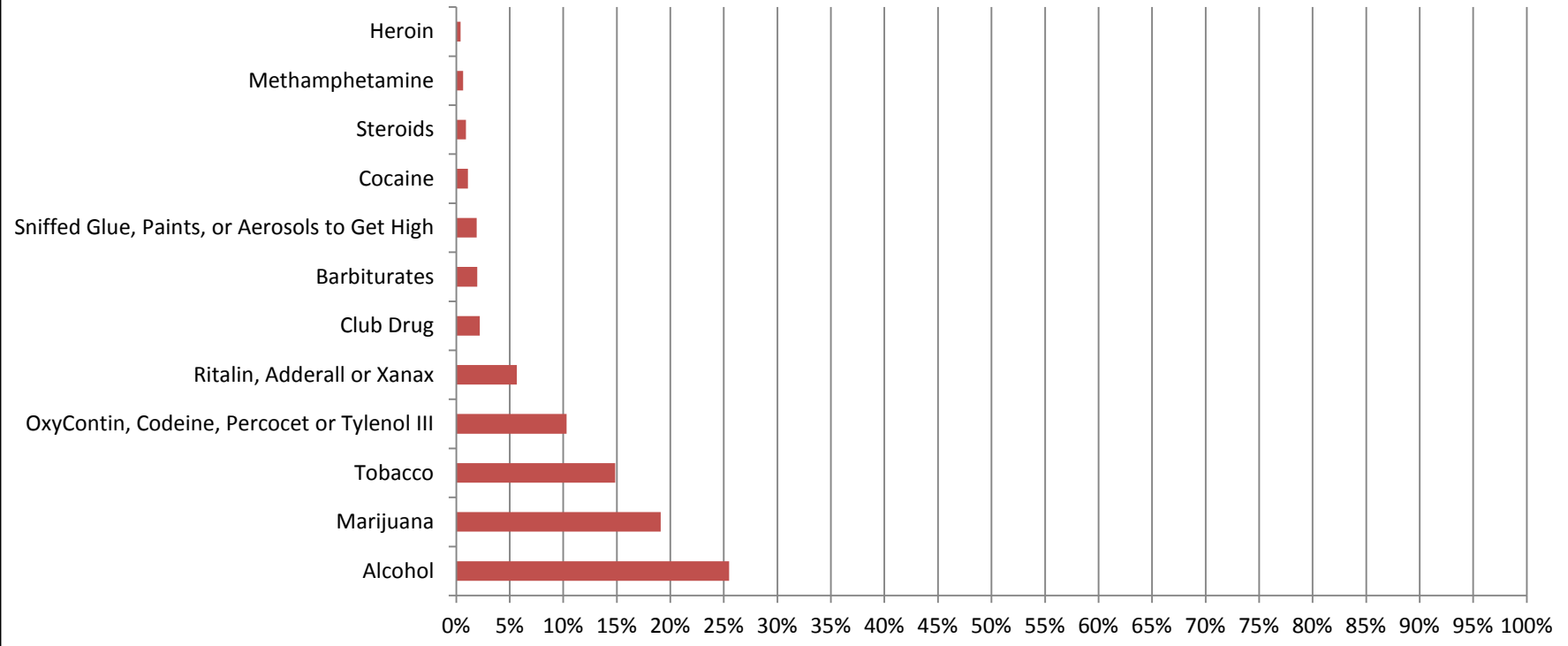
15% of middle school youth have used OxyContin, Codeine, Percocet or Tylenol III without a prescription in their lifetime. (MIPHY 2012)

OVERALL YOUTH DRUG USE



Substance	Middle School
OxyContin, Codeine, Percocet or Tylenol III	15.0%
Alcohol	12.7%
Ritalin, Adderall or Xanax	8.2%
Tobacco	7.3%
Steroids	7.1%
Cocaine	6.4%
Methamphetamine	6.3%
Marijuana	5.9%
Sniffed Glue, Paints, or Aerosols to Get High	3.8%

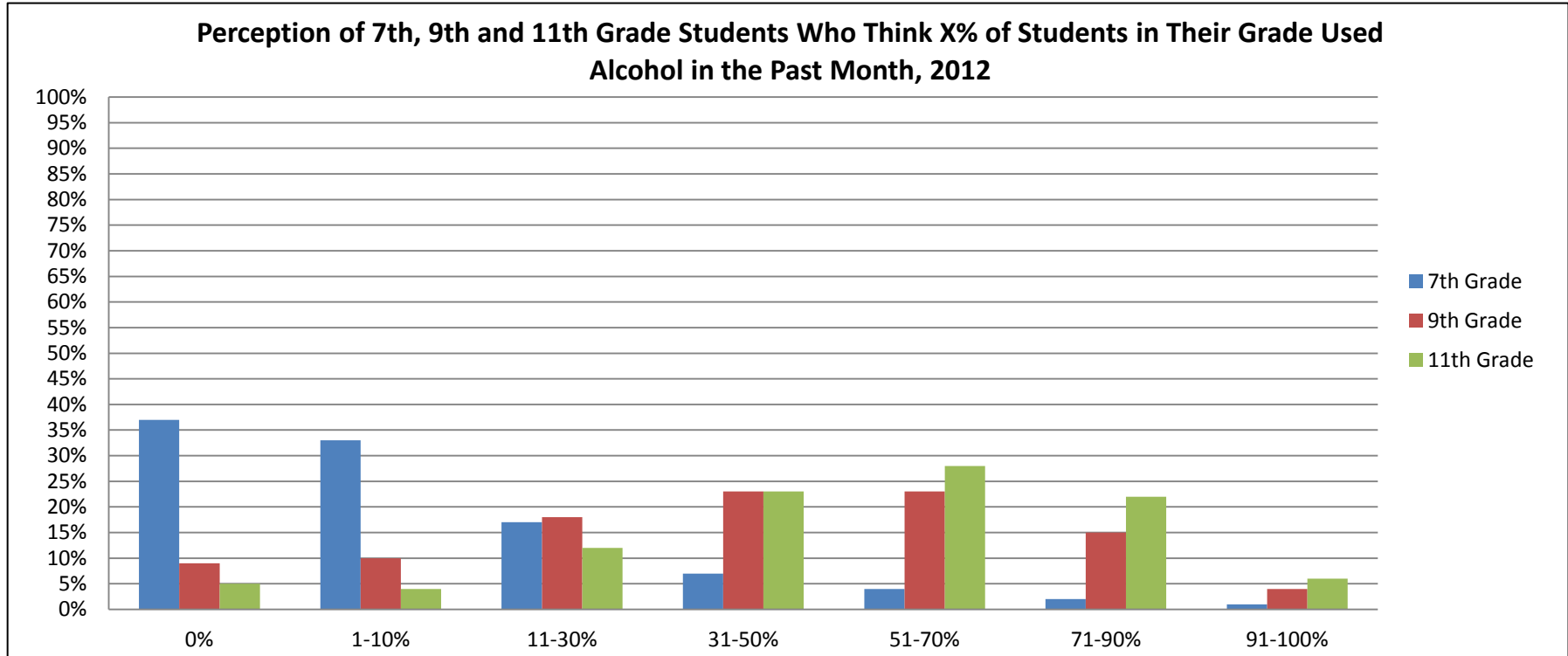
High School Drug Use, Past 30 Days



Substance	High School Use
Alcohol	25.5%
Marijuana	19.1%
Tobacco	14.9%
OxyContin, Codeine, Percocet or Tylenol III	10.3%
Ritalin, Adderall or Xanax	5.7%
Club Drug	2.2%
Barbiturates	2.0%
Sniffed Glue, Paints, or Aerosols to Get High	1.9%
Cocaine	1.1%
Steroids	0.9%
Methamphetamine	0.7%
Heroin	0.4%

YOUTH ATTITUDES AND PERCEPTIONS

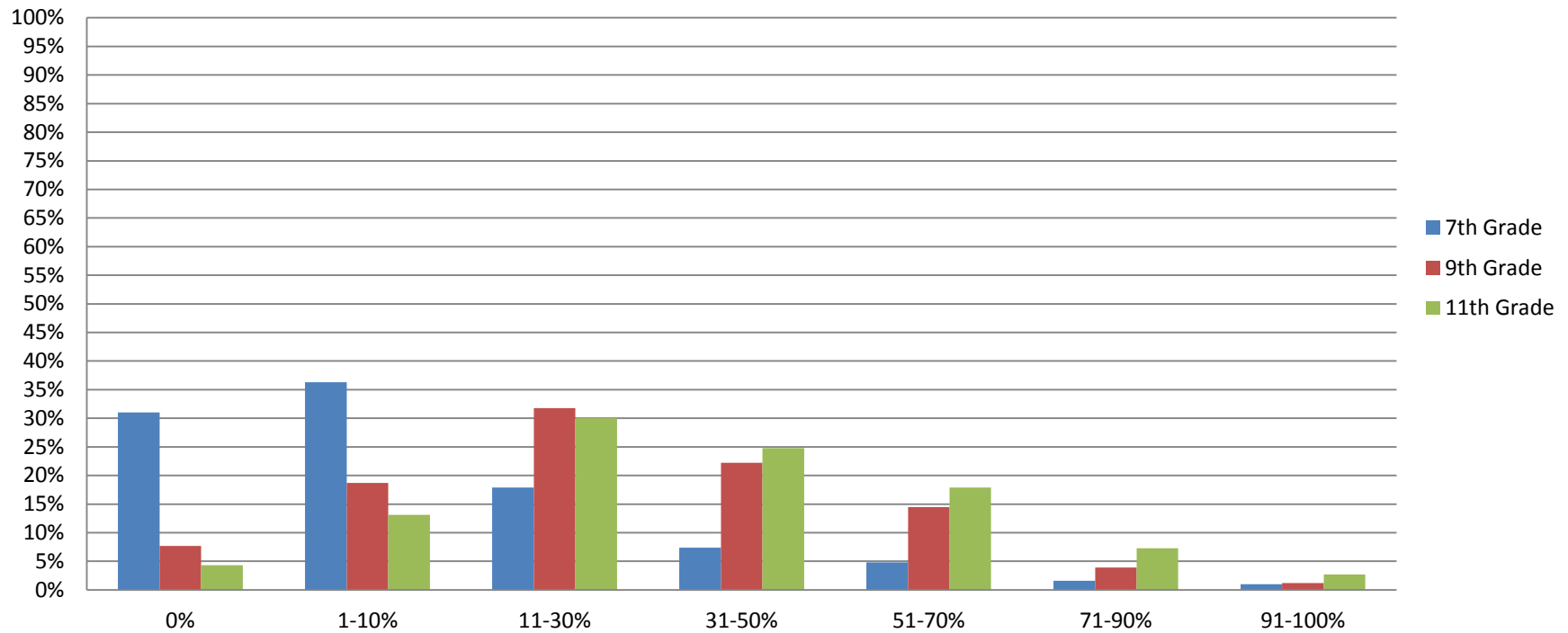
ALCOHOL, TOBACCO AND MARIJUANA



For example, 37% of 7th graders think 0% of students in their grade used alcohol in the past month and 28% of 11th graders think 51-70% of students in their grade used alcohol in the past month.

Perception of 7th, 9th and 11th Grade Students Who Think X% of Students in Their Grade Used Alcohol in the Past Month			
	7th Grade	9th Grade	11th Grade
0%	37%	9%	5%
1-10%	33%	10%	4%
11-30%	17%	18%	12%
31-50%	7%	23%	23%
51-70%	4%	23%	28%
71-90%	2%	15%	22%
91-100%	1%	4%	6%

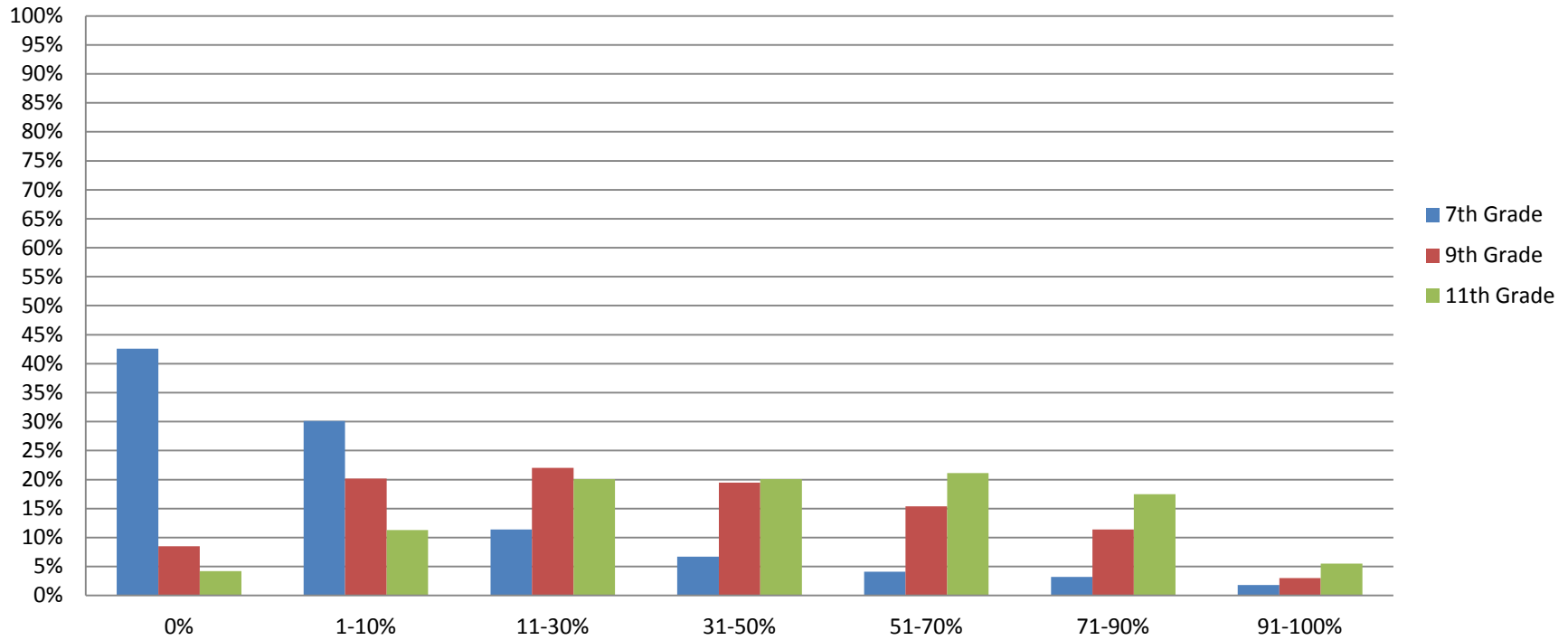
Perception of 7th, 9th and 11th Grade Students Who Think X% of Students in Their Grade Used Tobacco in the Past Month, 2012



For example, 31% of 7th graders think 0% of students in their grade used tobacco in the past month and 18% of 11th graders think 51-70% of students in their grade used tobacco in the past month.

Perception of 7th, 9th and 11th Grade Students Who Think X% of Students in Their Grade Used Tobacco in the Past Month			
	7th Grade	9th Grade	11th Grade
0%	31%	8%	4%
1-10%	36%	19%	13%
11-30%	18%	32%	30%
31-50%	7%	22%	25%
51-70%	5%	15%	18%
71-90%	2%	4%	7%
91-100%	1%	1%	3%

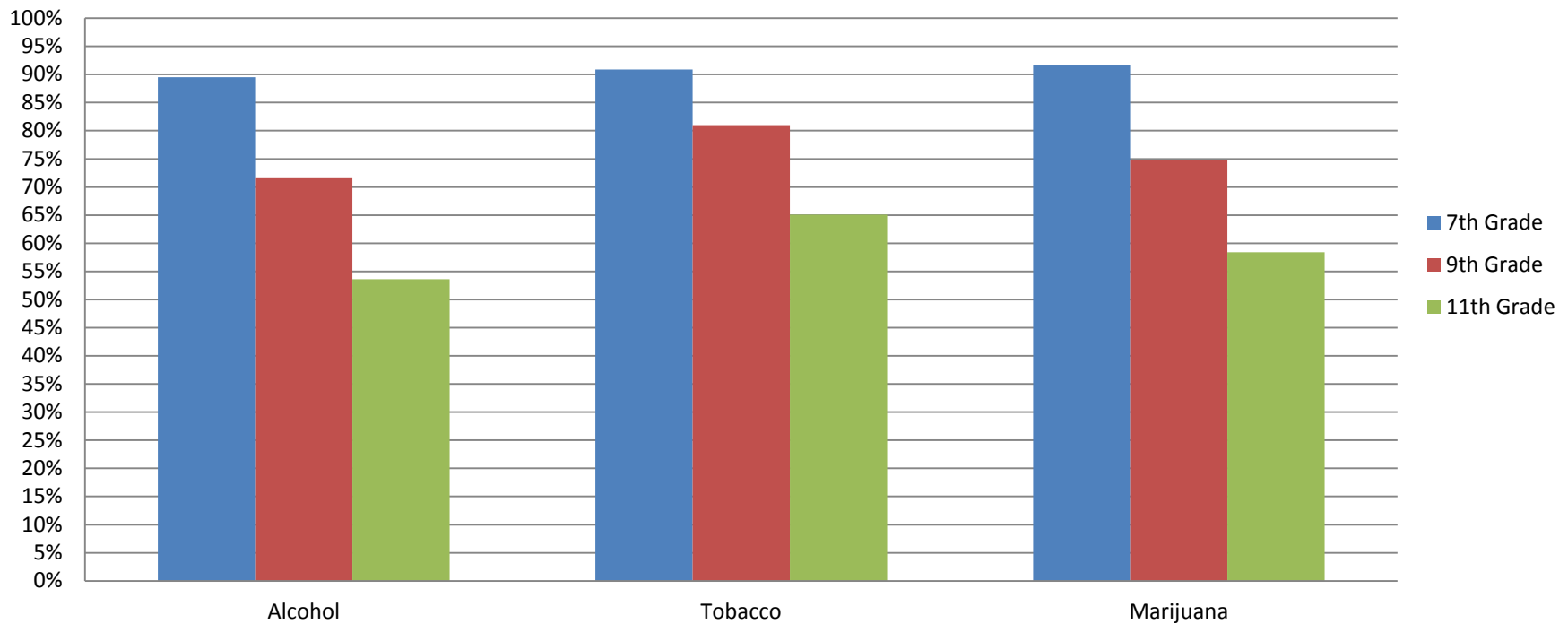
Perception of 7th, 9th and 11th Grade Students Who Think X% of Students in Their Grade Used Marijuana in the Past Month, 2012



For example, 43% of 7th graders think 0% of students in their grade used marijuana in the past month and 21% of 11th graders think 51-70% of students in their grade used marijuana in the past month.

Perception of 7th, 9th and 11th Grade Students Who Think X% of Students in Their Grade Used Marijuana in the Past Month			
	7th Grade	9th Grade	11th Grade
0%	43%	9%	4%
1-10%	30%	20%	11%
11-30%	11%	22%	20%
31-50%	7%	20%	20%
51-70%	4%	15%	21%
71-90%	3%	11%	18%
91-100%	2%	3%	6%

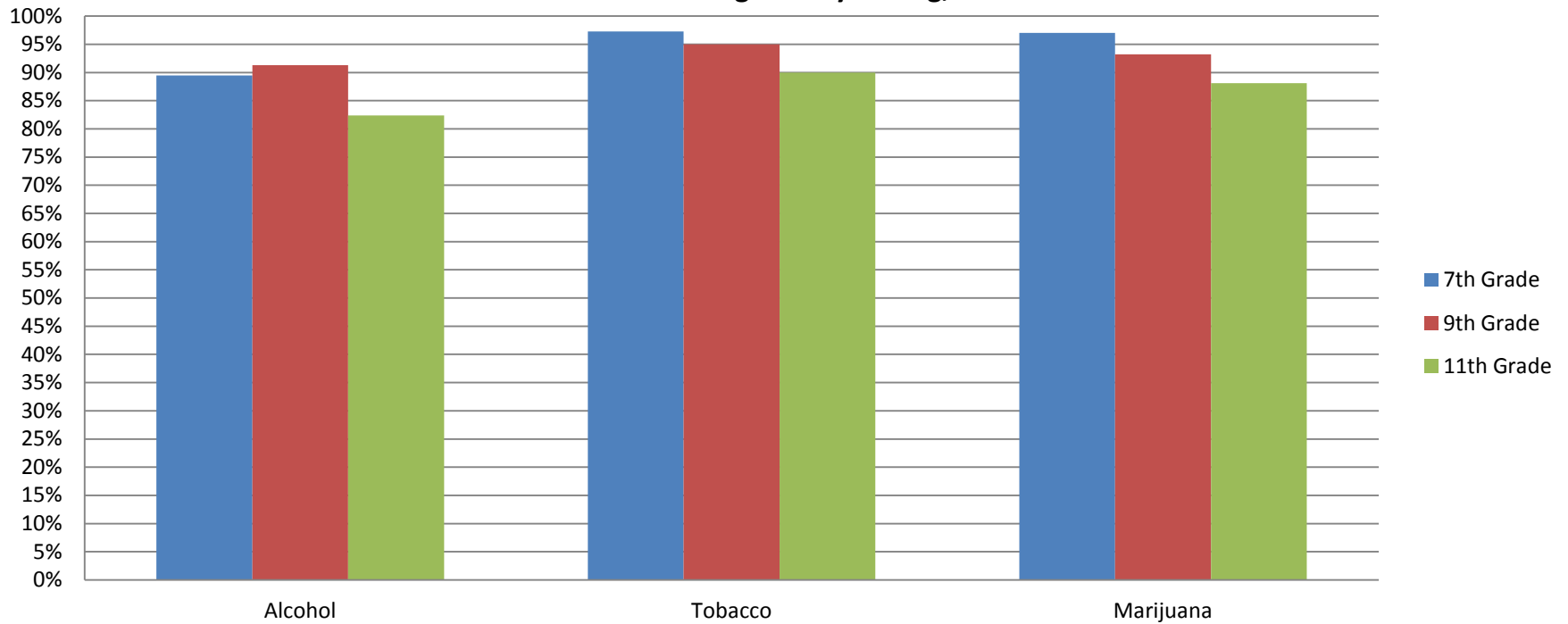
Percentage of Youth Who Thought Regular Alcohol, Tobacco and Marijuana Use by Peers to be Wrong or Very Wrong, 2012



For example, 90% of 7th graders thought regular alcohol use by peers to be wrong or very wrong and 58% of 11th graders thought regular marijuana use by peers to be wrong or very wrong.

Percentage of Youth Who Thought Regular Alcohol, Tobacco and Marijuana Use by Peers to be Wrong or Very Wrong			
	7th Grade	9th Grade	11th Grade
Alcohol	90%	72%	54%
Tobacco	91%	81%	65%
Marijuana	92%	75%	58%

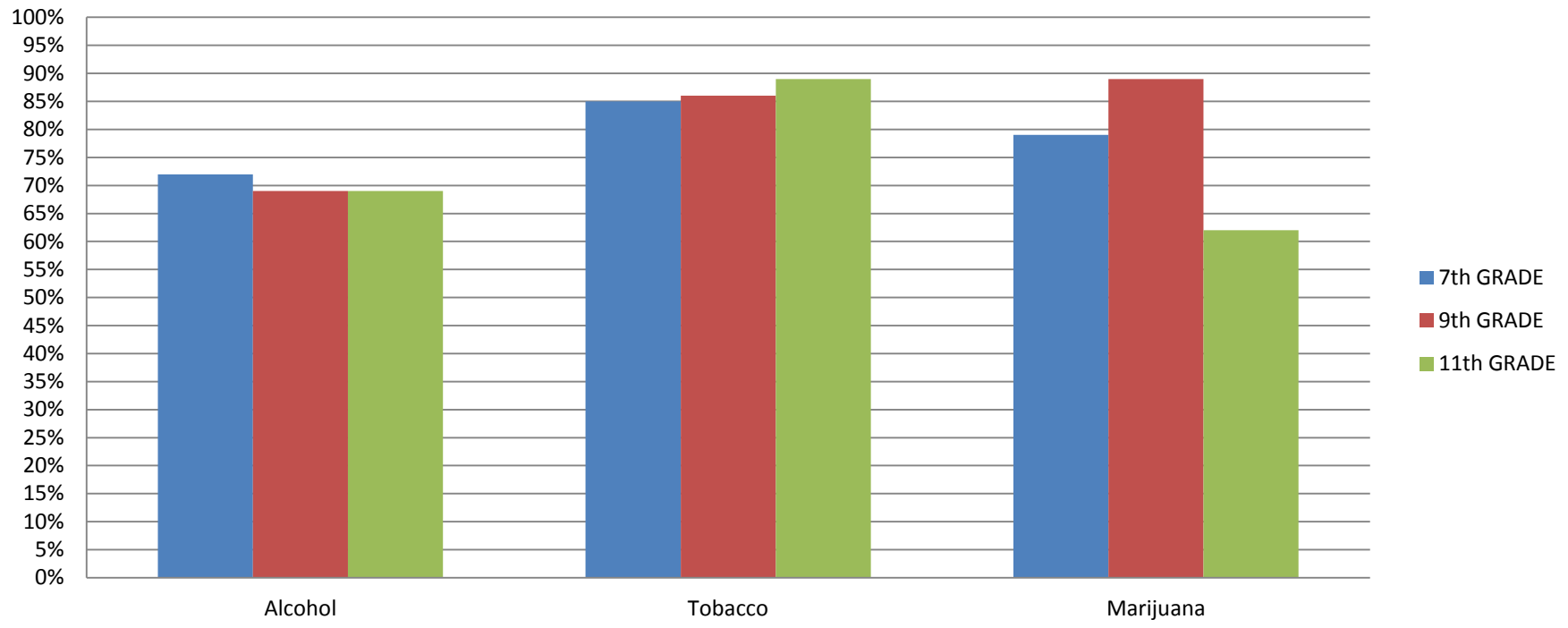
Percentage of Youth Who Thought Their Parents Think Regular Alcohol, Tobacco and Marijuana Use to be Wrong or Very Wrong, 2012



For example, 90% of 7th graders thought their parents think regular alcohol use is wrong or very wrong and 90% of 11th graders thought their parents think regular tobacco use is wrong or very wrong.

Percentage of Youth Who Thought Their Parents Think Regular Alcohol, Tobacco and Marijuana Use by Peers to be Wrong or Very Wrong			
	7th Grade	9th Grade	11th Grade
Alcohol	90%	91%	82%
Tobacco	97%	95%	90%
Marijuana	97%	93%	88%

Percentage of Youth Who Thought Regular Alcohol, Tobacco and Marijuana Use to be a Moderate or Great Risk, 2012



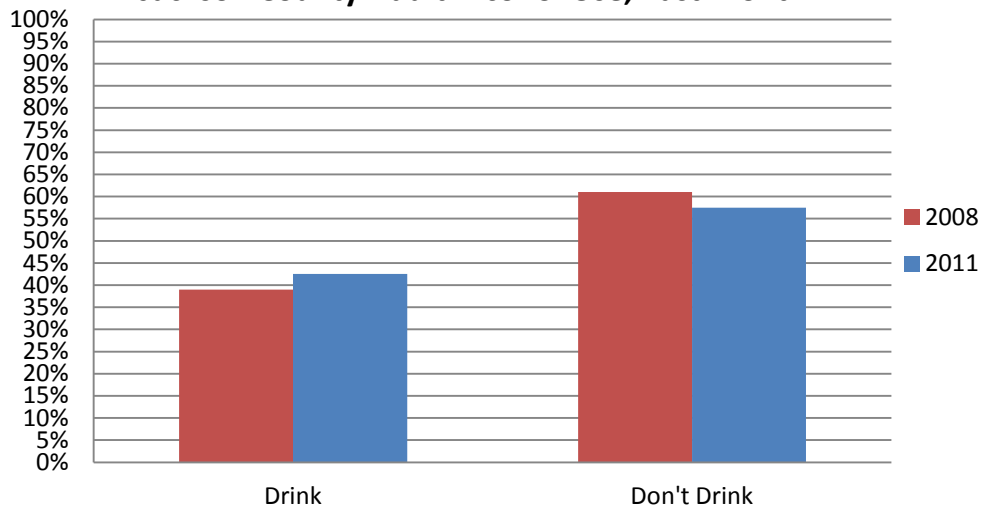
For example, 70% of 7th graders thought regular alcohol use to be a moderate or great risk and 69% of 9th graders thought regular marijuana use to be a moderate or great risk.

Percentage of Youth Who Thought Regular Alcohol, Tobacco and Marijuana Use by Peers to be Moderate or Great Risk			
	7th Grade	9th Grade	11th Grade
Alcohol	70%	73%	69%
Tobacco	82%	88%	91%
Marijuana	75%	69%	58%

ADULT SUBSTANCE USE BEHAVIORS

ALCOHOL USE

Jackson County Adult Alcohol Use, Past Month



Jackson Community Health Assessment	2008	2011
Drink	39%	43%
Don't Drink	61%	58%

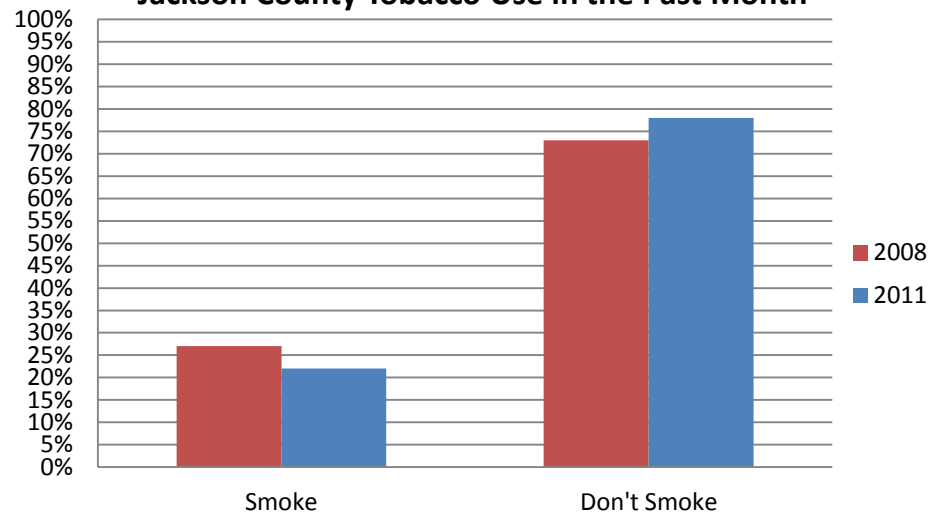
In 2011, Allegiance Health's, Jackson Community Health Assessment, showed that about **43%** of Jackson County residents drink alcohol and of these residents, **25%** reported binge drinking in the past 30 days.

TOBACCO USE

Jackson Community Health Assessment	2008	2011
Smoke	27%	22%
Don't Smoke	73%	78%

22% of Jackson County respondent's age 18-35 stated they are smokers. (Jackson Community Health Assessment, 2011)

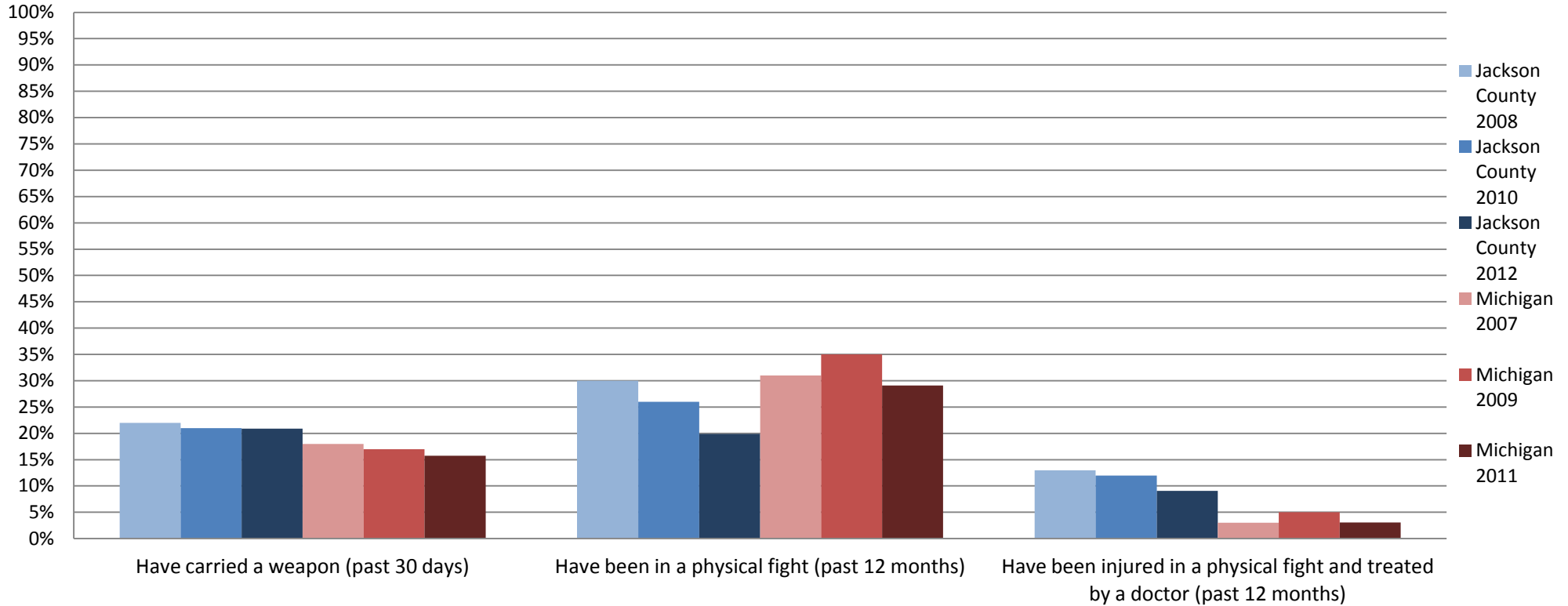
Jackson County Tobacco Use in the Past Month



CONSEQUENCE DATA

ANTI-SOCIAL BEHAVIOR

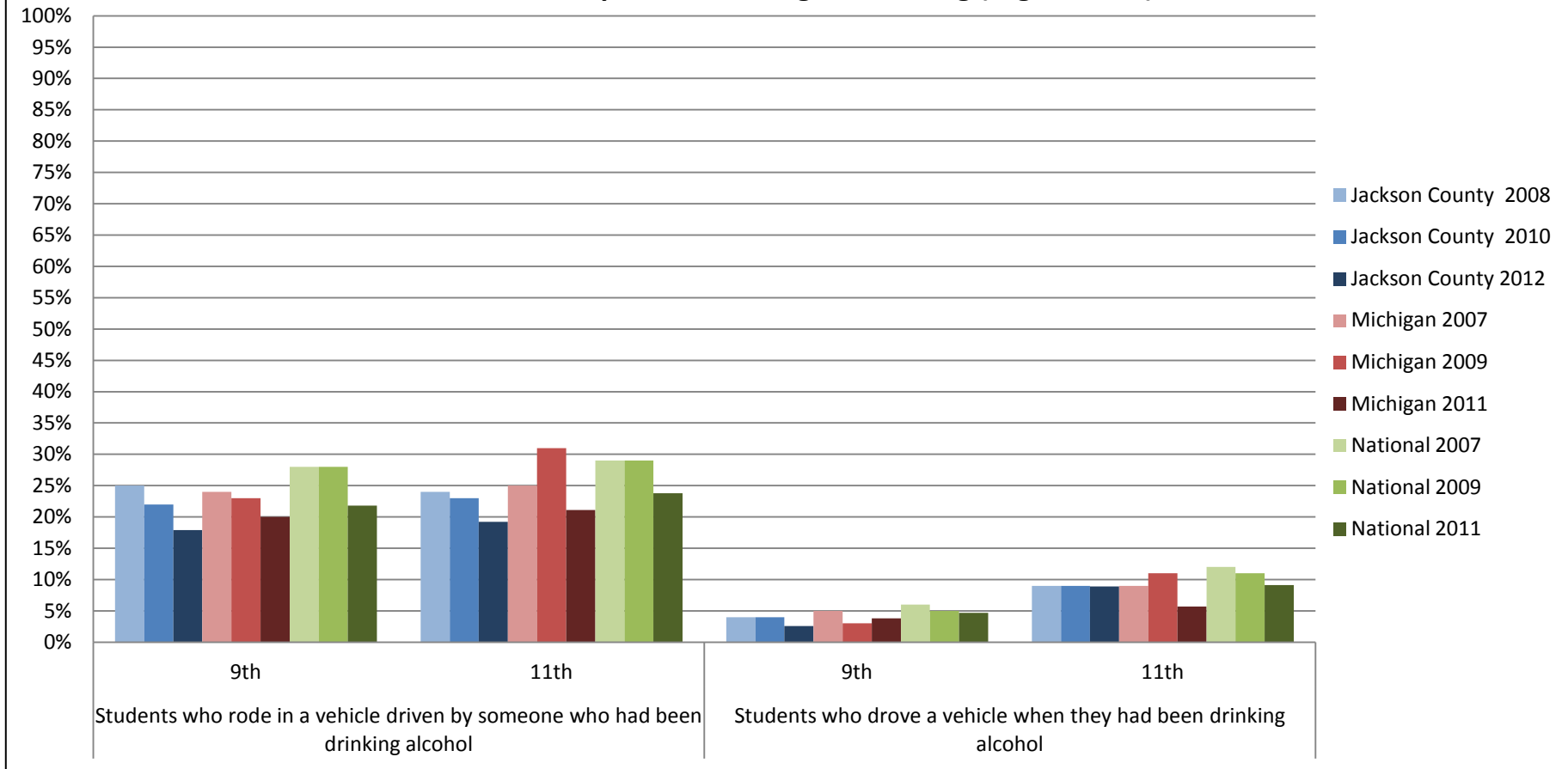
Self-Reported High School Antisocial Behavior



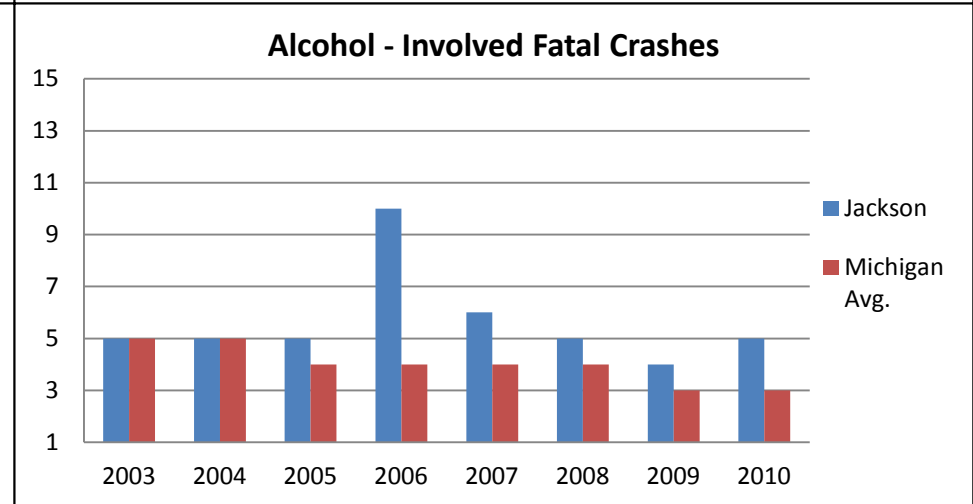
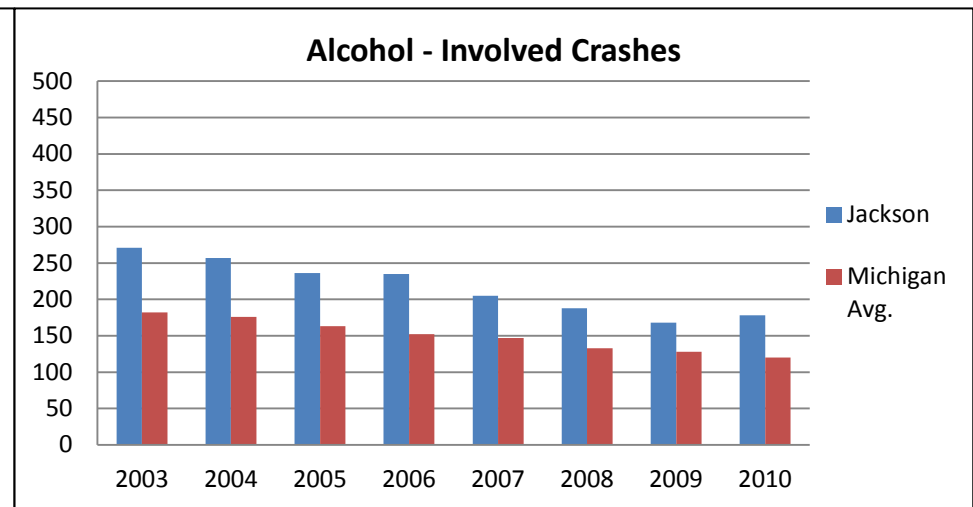
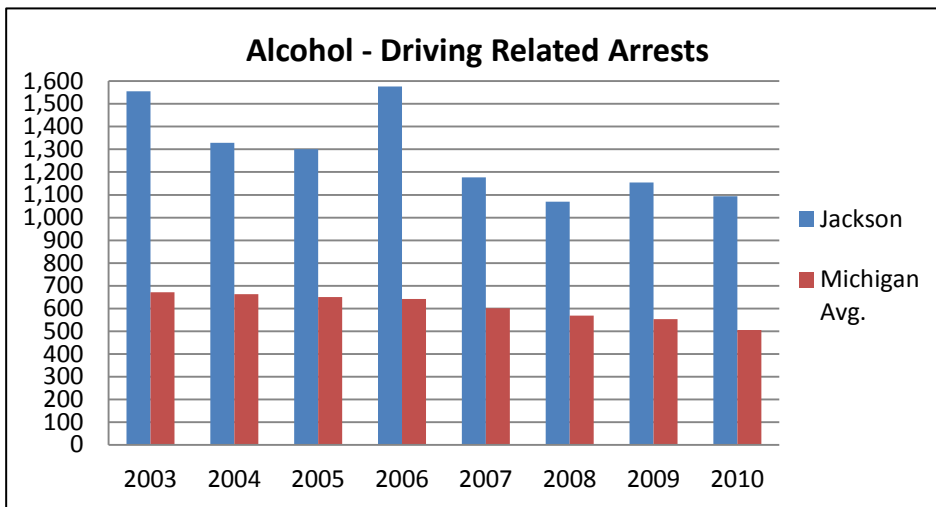
<i>Self Reported High School Antisocial Behavior</i>	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011
Have carried a weapon (past 30 days)	22%	21%	21%	18%	17%	16%
Have been in a physical fight (past 12 months)	30%	26%	20%	31%	35%	29%
Have been injured in a physical fight and treated by a doctor (past 12 months)	13%	12%	9%	3%	5%	3%

DRINKING AND DRIVING

Youth Self-Report of Drinking and Driving (High School)

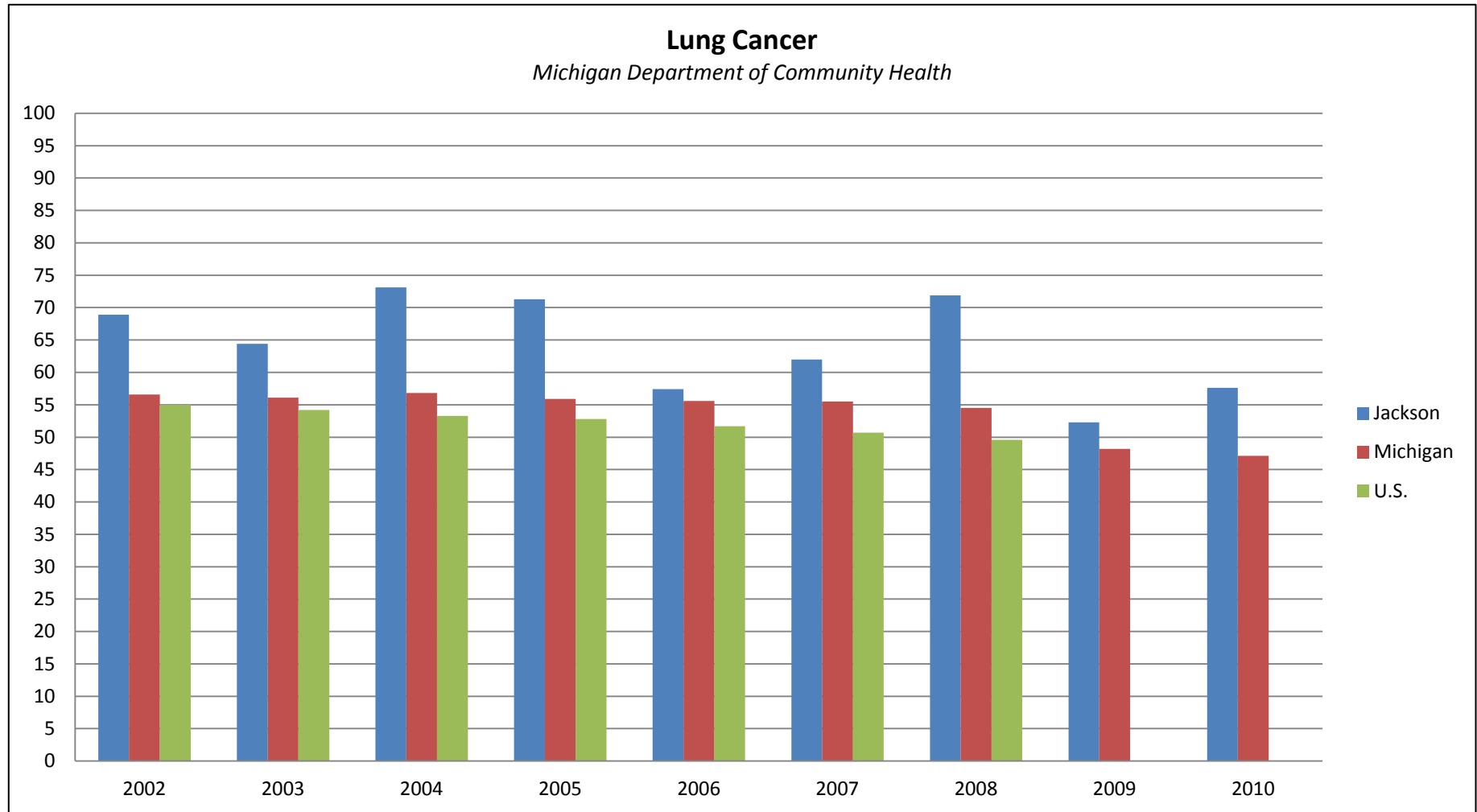


<i>Drinking and Driving in the past 30 days</i>	Grade	Jackson County 2008	Jackson County 2010	Jackson County 2012	Michigan 2007	Michigan 2009	Michigan 2011	National 2007	National 2009	National 2011
Students who rode in a vehicle driven by someone who had been drinking alcohol	9 th	25%	22%	18%	24%	23%	20%	28%	28%	22%
	11 th	24%	23%	19%	25%	31%	21%	29%	29%	24%
Students who drove a vehicle when they had been drinking alcohol	9 th	4%	4%	3%	5%	3%	4%	6%	5%	5%
	11 th	9%	9%	9%	9%	11%	6%	12%	11%	9%



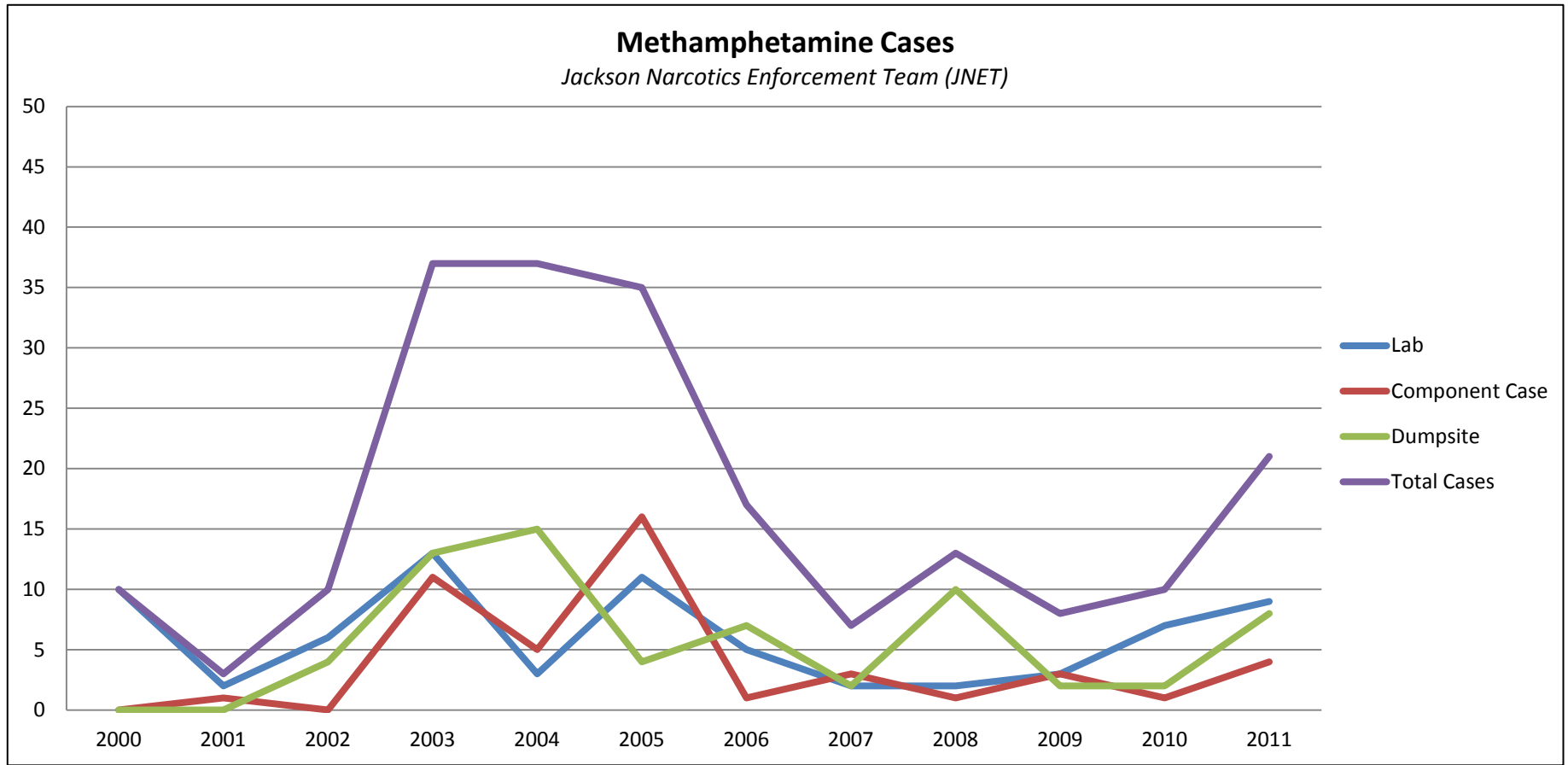
Michigan Annual Drunk Driving Audit	Location	2003	2004	2005	2006	2007	2008	2009	2010
Alcohol – driving related arrests	Jackson	1,556	1,329	1,300	1,576	1,177	1,070	1,154	1,094
	Michigan Avg.	672	663	651	642	601	569	553	505
Alcohol–involved crashes	Jackson	271	257	236	235	205	188	168	178
	Michigan Avg.	182	176	163	152	147	133	128	120
Alcohol–involved injuries	Jackson	130	133	118	132	98	127	86	-
	Michigan Avg.	106	98	89	85	0	81	68	-
Alcohol–involved Fatal Crashes	Jackson	5	5	5	10	6	5	4	5
	Michigan Avg.	5	5	4	4	4	4	3	3

LUNG CANCER



<i>Michigan Department of Community Health</i>	Location	2002	2003	2004	2005	2006	2007	2008	2009	2010
Invasive Lung Cancer Age- Adjusted Death Rate per 100,000	Jackson	68.9	64.4	73.1	71.3	57.4	62	71.9	52.3	57.6
	Michigan	56.6	56.1	56.8	55.9	55.6	55.5	54.5	48.2	47.1
	U.S.	55	54.2	53.3	52.8	51.7	50.7	49.6	-	-

METHAMPHETAMINE



JNET (Jackson County Data)		Year											
Community Domain		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Type of Meth Cases	Lab	10	2	6	13	3	11	5	2	2	3	7	9
	Component Case	0	1	0	11	5	16	1	3	1	3	1	4
	Dumpsite	0	-	4	13	15	4	7	2	10	2	2	8
	Total Cases	10	3	10	37	37	35	17	7	13	8	10	21

COMMUNITY DATA

	JACKSON COUNTY	MICHIGAN	NATION
YOUTH SUBSTANCE USE BEHAVIORS AND ACCESS			
Population, Estimate, 2010 ¹	160,248	9,883,640	308,745,538
Persons Under 18 Years Old, 2010 ¹	23.2%	23.7%	24.0%
Persons 65+, 2010 ¹	14.2%	13.8%	13.0%
EDUCATION			
High School Graduates (25+ yrs), 2010 ¹	88.0%	88.0%	
INCOME			
Median Household Income, 2010 ¹	\$26,117	\$48,432	\$51,914
Per Capita Family Income, 2010 ¹	\$21,947	\$25,135	\$27,334
Unemployment Rate (Jobless), 2010 ⁴	12.6%	12.5%	9.4%
FOOD STAMPS & CHILD CARE			
Food Stamp Recipients, (0-18 yrs) 2009 ³	23.8%	30.4%	
Subsidized Child Care, 2009 (0-12 yrs) ³	2.1%	3.4%	
TEEN PREGNANCY & SMOKING WHILE PREGNANT			
Teen Pregnancy Rate, per 1,000 age and Sex Specific Population, 2009 ⁵	69.1	51.5	
Smoked While Pregnant ⁵	29.2%	18.2%	
SUICIDE RATE			
Suicide Rate, Per 100,000, (2005-2009 avg.) ⁵	14.1	11.1	
ALCOHOL AND TOBACCO VENDORS			
Number of Tobacco Vendors, 2012 ⁶	150		
Number of Alcohol Vendors, 2012 ⁶	258		

1 U.S. Census Bureau, Population Estimates Program

3 Kids Count In Michigan

4 Michigan Department of Labor and Economic Growth

5 Michigan Department of Community Health

6 JCSAPC Records

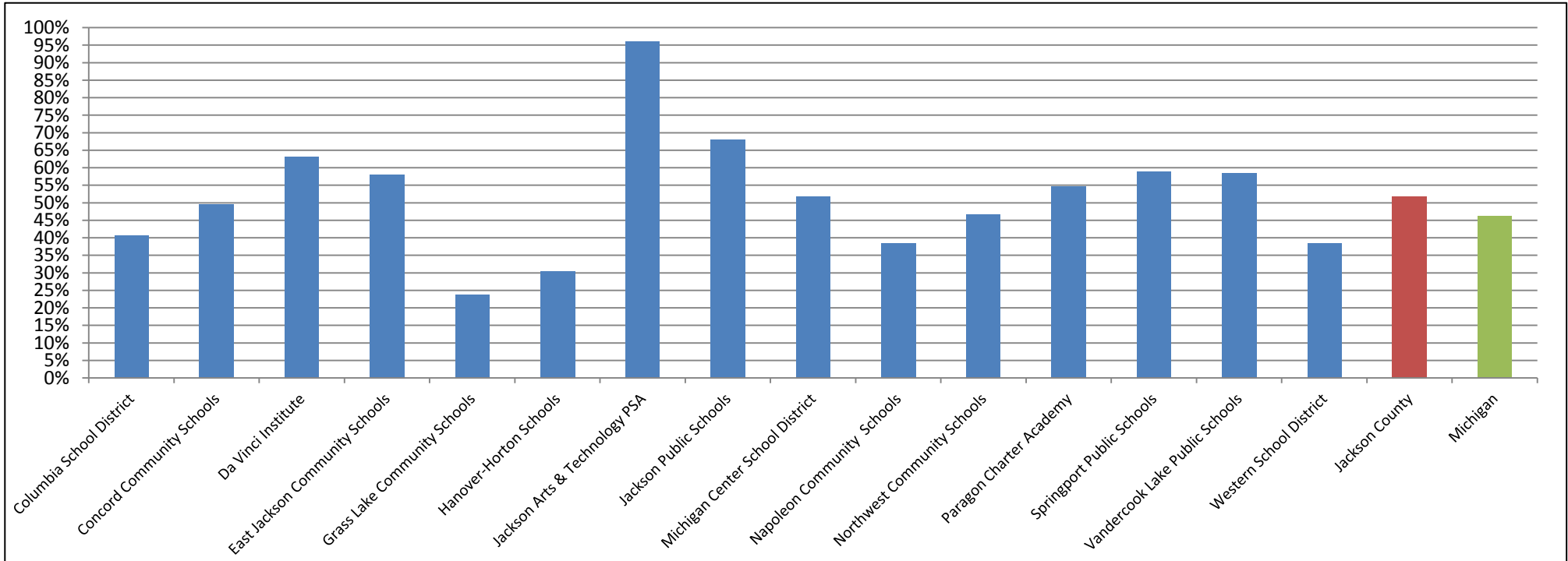
7 2006-2008, American Community Survey 3-Year Estimates U.S. Census Bureau

<http://quickfacts.census.gov/qfd/states/26/26075.html>

The three-year estimated Jackson County poverty rate for under the age of 18 is 20%. For the City of Jackson the rate is 40%.⁷

FREE AND REDUCED LUNCH (FRL) PERCENTAGES** FOR JACKSON COUNTY SCHOOL DISTRICTS

Michigan Center for Educational Performance & Information - 10-11 School Year (Fall ONLY)



Michigan Center for Educational Performance & Information, 10-11 School Year (Fall ONLY)	Total FRL %
Columbia School District	40.7%
Concord Community Schools	49.5%
Da Vinci Institute	63.2%
East Jackson Community Schools	58.1%
Grass Lake Community Schools	23.7%
Hanover-Horton Schools	30.5%
Jackson Arts & Technology PSA	96.2%
Jackson Public Schools	68.0%
Michigan Center School District	51.8%
Napoleon Community Schools	38.4%
Northwest Community Schools	46.7%
Paragon Charter Academy	54.6%
Springport Public Schools	59.0%
Vandercook Lake Public Schools	58.5%
Western School District	38.5%
Jackson County	51.8%
Michigan	46.1%

*10-11 school year

** FRL percentages are helpful in identifying youth in poverty, but are not representative due to students *opting out* of using the availability of receiving FRL