Pasco County Alliance for Substance Abuse Prevention (ASAP)

January 2013



Profile of
Alcohol and Drug Indicators

For more information about Pasco County's Alliance for Substance Abuse Prevention or the Profile of Alcohol and Drug Indicators, please contact:

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Mission Statement

To develop, motivate, and encourage strategic relationships that reduce county risk factors and decrease substance abuse rates among youth and adults.

Active Members

- Pasco Sheriff's Office
- BayCare Behavioral Health
- Pasco Sheriff's Child Protective Investigators
- Youth and Family Alternatives
- Pasco Kids First
- Pasco County Health Department
- District School Board of Pasco County
- Poison Information Center - Tampa
- Healthy Start Coalition
- WTOGTV - CW44
- Florida Alcohol Tobacco and Beverage (ABT)
- Public Defender's Office
- Cox Radio
- Saint Leo University
- Pasco Hernando Community College
- Dade City Police Department
- Trinity Pain Center
- Department of Children and Families
- Department of Juvenile Justice
- DUI School
- Joy FM
- Dependency Court
- Premier Community Health Care Group
- Parents
- STAND
- Save our Society from Drugs (SOS)
- Patch.com
- Nar-Anon and Nar-A-teen
- United Way of Pasco
- Calvary Chapel Worship Center (CCWC)
- CFBHN
- Drug Free America



ASAP Board of Directors from left to right:

- Treasurer Debbie Antioco, BayCare Behavioral Health
- Chair Tracey Kaly, BayCare Behavioral Health
- Vice Chair Art Rowand, Pasco Sheriff's Office
- Secretary Paula Green, Youth and Family Alternatives
- Board Member at Large Phil Cohen, Public Defender's Office
- Coalition Coordinator, Chrissie Parris

Not Pictured: Board Member at Large Chris Wittmann, Trinity Pain Center

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Dear Community Stakeholder,



Tracey Kaly, LMHC
Clinical Manager
BayCare Behavioral Health

The Pasco County Alliance for Substance Abuse Prevention (ASAP) Coalition is pleased to present you with our 3rd Annual Indicator Report. The purpose of this report is to give you a glimpse of the substance abuse issues impacting our County and how we are working together to create safer communities for our families.

ASAP's mission is "to develop, motivate, and encourage strategic relationships that reduce countywide risk factors and decrease substance abuse among youth and adults." With nearly a half of a million individuals residing in Pasco County, we have had our work cut out for us.

Some of the most significant data trends this year, and where we have focused much of our energy, are surrounding Prescription Drug Abuse and Underage Drinking.

- In 2011, we surveyed Pasco County residents who were arrested for driving under the influence (DUI). Of the 852 respondents, 19% of them had used prescription drugs in addition to alcohol at the time of their offense.
- In 2011, 199 children were removed from their homes due to caregiver prescription drug involvement, costing Pasco County over $1.4 million.
- Pasco County has the highest rates in the state of Florida of newborns being born exposed to substances. They are often diagnosed with Neonatal Abstinence Syndrome (NAS) and suffer weeks of painful withdrawal symptoms.
- Throughout the year compliance checks were conducted by the Sheriff's Office to monitor the sale of alcohol to minors. Results from 2011 indicated that 26% of the stores sold alcohol to underage youth.
- Data collected related to the use of alcohol by local Pasco County college students revealed that 20% of first year college students drove after having 4 or more drinks, and 27% rode with a driver who had been drinking.
- In 2012, Pasco County youth reported their lowest rates of alcohol, cigarette, and marijuana use since 2006.

In 2012, ASAP increased our coalition membership by over 500%.We are so fortunate to have volunteers representing many walks of life including youth, parents, law enforcement, faith-based organizations, youth-serving organizations, schools, businesses, civic groups, healthcare, behavioral health service providers, government, and media. We are very proud of the time and commitment that our community members give and would not be able to this work without them!

We are confident that our focused efforts to reduce such trends will make a difference. ASAP has worked to remain apprised of developing trends related to substance abuse. We are deeply concerned with the use of synthetic drugs (e.g., Spice and Bath Salts). Our hospital emergency rooms have reported an increase in patients described as combative, agitated, paranoid, delusional and as having an elevated pulse, chest pains, high blood pressure, vomiting, and seizures. To that end, ASAP has partnered with parents, youth, businesses, media, faith based communities, and the Pasco Sheriff's Office to stay ahead of this developing trend. We remain action-oriented to prevent further misuse and damage caused by these drugs. We supported a campaign to recognize the convenience stores that were not selling synthetic drugs. In addition, ASAP supported the enforcement of an ordinance to further restrict the sale of these deadly synthetic substances. We will continue to stay alert in order to deploy timely evidence-based environmental strategies to target the substance abuse issues most prevalent in our community.

I hope you find the data presented in this Indicator Report so concerning that it compels you to take action. Whether you come to our next meeting, visit our website, "like" our Facebook page, or share this information with a friend or neighbor, we hope you find a way to help us achieve our mission. I also hope that you can see the optimism created when a passionate group of people come together for a common cause. As Chairperson, I continue to feel honored and humbled to work with such an amazing group of dedicated people within Pasco County. On behalf of our Board of Directors and Executive Committee, I would like to thank the countless hours that our ASAP volunteers provide throughout the year to promote healthy and safe communities within our County. For more information about our coalition and how to get involved, please visit our website www.PascoASAP.com.With our collective passion and wisdom, we will achieve our shared vision for the future.

Sincerely,

Tracey Kaly, LMHC

Report Highlights

Criminal Justice Indicator Highlights

- Liquor Law Violations definition: Violation of laws or ordinances prohibiting the manufacture, sale, purchase, transportation, possession or use of intoxicating alcoholic beverages.
- DUI arrests for Pasco County and Florida statewide increased from 2006 to 2008, peaking in 2008. Florida Statewide DUI arrests decreased in 2009 to 2011 and Pasco decreased in 2009 with a slight increase in 2010 then a decrease in 2011.
- Pasco County's drug/narcotic arrests peaked in 2010, whereas Florida statewide experienced reductions in this area from 2007 to 2011.
- Pasco's liquor law violations increased substantially from 30 violations in 2007 to 130 in 2009. In 2010, liquor law violations decreased to 88 then increased significantly to 135 liquor law violations in 2011.

Adolescent Prevalence Rate Highlights

- Binge drinking declined from 20.3% in 2006 to 10.0% in 2012.
- Among middle and high school students, 2012 had the lowest rates for any alcohol use, binge drinking, cigarettes, inhalants, any illicit drug except marijuana, and alcohol or any illicit drug.
- Past 30-day alcohol use among high school students steadily decreased from 46.4% in 2006 to 32.6% in 2012.
- Past 30-day inhalant use among high school students decreased from 5.2% in 2006 to 1.5% in 2012.
- In 2012, Pasco County reported its lowest rates since 2006 for use of alcohol, cigarettes, marijuana, inhalants, any illicit drug, and alcohol or any illicit drug.
- The rates of Pasco County and Florida statewide high school students who started using alcohol and cigarettes at or before age 13 decreased from 2006 to 2012.
- For high school students, both selling drugs and being drunk or high at school were at their lowest rates in 2012.
- Tobacco use has decreased significantly from 2008 to 2012.
- Tobacco, alcohol, and drug use were at their lowest rates in 2012.

Mortality Data Highlights

- From 2001 to 2011, the highest rate of suicide attemps using poisons or medications was among those 35 to 44 years of age.
- Pasco County has steadily decreased alcohol-related fatalities from 2007 to 2010.
- The number of deaths (lethal level) caused by diazepam, hydrocodone, and morphine increased from 2009-2011.
- The number of deaths (lethal level) caused by alprazolam, oxycodone, and methadone decreased from 2010-2011.
- The number of deaths (non-lethal level) associated with alprazolam, hydrocodone, methadone, morphine and cocaine decreased from 2010 to 2011 while oxycodone increased from 2010 to 2011.
- In 2010 and 2011, oxycodone, followed by alprazolam, was the drug most commonly found in lethal levels from both Pasco and Pinellas County Medical Examiners.

Treatment Data Highlights

- BayCare Behavioral Health adult outpatient admissions increased from 2007/2008 to 2010/2011 then decreased in 2011/2012.
- Youth residential admissions nearly doubled from 2008/2009 to 2009/2010.
- For adults, opiates were the leading primary drug of choice in 2009/2010, followed by alcohol and marijuana.
- For youth, marijuana was the leading primary drug of choice in 2009/2010, followed by opiates and alcohol.

Introduction

Area Description

Pasco County is located on the Gulf of Mexico. Pasco is comprised of 868 square miles of land and is approximately 35 miles from Tampa. The County contains six municipalities: New Port Richey, Port Richey, San Antonio, St. Leo, Zephyrhills, and Dade City, which is the county seat. Located less than an hour's drive north of downtown Tampa and St. Petersburg, Pasco County is a transitioning suburban community. It is the 50th fastest growing county in the United States, with 105,403 new residents since the year 2000 (constituting a 30.6% increase). According to the 2010 census estimate, the population was 464,697, with 88.2% White, 4.5% Black or African American, 2.1% Asian, and 5.2% other races. Census figures also indicate that 11.7% of Pasco's population report being of Hispanic or Latino origin, the slight majority (51.4%) are female, median age is 43.6 years, and 12.3% live below the poverty level. There are 35,978 students in grades 6-12 (16,151 in middle school and 19,827 in high school). Currently, there are nearly 800 licensed premises that sell alcoholic beverages and 19 licensed pain clinics in Pasco County.

Pasco County Alcohol and Drug Indicator Analysis

Indicator reporting programs are a useful means of gauging the extent of local alcohol and drug use and their related problems. Additionally, collecting indicator data over time will help to ascertain the impact of efforts designed to reduce alcohol and drug use and its related problems. Indicators can be used by community leaders in the following ways: (1) to identify the most important local substance use problems, (2) to drive community prevention and treatment strategies, and (3) to evaluate the results of new policies and programs. To this end, the Pasco County Alliance for Substance Abuse Prevention (ASAP) worked with researchers to conduct an evaluation of adolescent and adult alcohol and drug use indicators available throughout Pasco County. The data was compared to state averages.

Data Sources

This report describes alcohol and other drug trends in Pasco County, using the data sources summarized below:

- Uniform Crime Report (UCR)
- Florida Department of Children and Families (DCF)
- Florida Youth Substance Abuse Survey (FYSAS)
- Florida Department of Law Enforcement (FDLE)
- Drug Enforcement Agency (DEA)
- Florida Agency for Health Care Administration (AHCA)
- Florida Office of Vital Statistics
- Florida Poison Control
- Florida Department of Highway Safety and Motor Vehicles (FDHSMV)
- BayCare Behavioral Health

2012 Accomplishments/Successes



January

- Substance Exposed Newborn Committee collaboration with Healthy Start Coalition of Pasco launched
- Pharmaceutical Take Back Event at Heritage Springs 55+ community
- Alcohol compliance checks reveal 70% of businesses surveyed compliant

February

- Presentation to WIC on Substance Exposed Newborns
- Celebrate Recovery launched in Pasco County Jail
- Hosted the Faith Based Recovery Summit with Pasco Sheriff's Office

March

- Hosted Drug Abuse Awareness Webcast with the Pasco County Health Department
- Synthetic Drugs become a priority
  - Sheriff Nocco sends letter to stores on new state law banning certain chemicals
  - Concerned Citizens form Save Pasco, begin meeting and organizing protests in front of stores selling synthetic drugs

April

- 3rd Annual Cyclone Rally Against Underage Drinking held with Centennial Middle School SADD club
- Pill Drop with Sheriff's Office-875.6 lbs of medications and 129.5 lbs of needles collected
- Impaired Driving Billboard campaign begins
- Sheriff's Office compliance check reveals that 66% of businesses surveyed did not sell alcohol to underage youth

May

- Media campaign on underage drinking prevention launched as collaborative effort with Youth and Family alternatives and Centennial Middle School SADD
- AMCC releases a new mobile application "AMCC Rx Drop" which includes Pasco County locations for disposing of medications

June

- Synthetic Drug Sticker campaign launched by Pasco Sheriff's Office and ASAP supporting businesses that do not sell synthetic drugs
- Substance Exposed Newborns media campaign launched

July

- Presented at the CADCA Mid Year Institute session "Tackling Rx Abuse at All Levels" in Nashville, TN
- Research from the Alcohol EDU campaign at St. Leo University reveals a reduction in moderate/high risk drinking behaviors and an increase in class attendance at the conclusion of the 3 year Partnership in Prevention Grant
- Awarded special project funding with BayCare Behavioral Health and Pasco Sheriff's Office to combat prescription drug abuse

August

- Partnered with the Pasco Community Alliance to host the 2nd Annual Child Abuse Prevention Conference to address the "Prescription Pill Epidemic, Reversing the Trend"
- Presented at the Florida Alcohol and Drug Abuse Association (FADAA) Annual Conference
- Debut of the SEVEN presentation with Calvary Chapel Worship Center
- Pharmaceutical Take Back Event at The Groves 55+ community
- MADD Advisory Board for Pasco County begins to meet

September

- Participated in the DEA National Pharmaceutical Take Back Day with Pasco Sheriff's Office nine medication lock boxes given away to participants.
- Youth and Family Alternatives attends a TIPs training to begin implementing Responsible Beverage Server Training in Pasco County

October

- Synthetic Drug Billboard Campaign Launches
- Red Ribbon Week Events
- NOPE Candlelight Vigil, resource fair, and pharmaceutical take back

November

- Engaging Youth Initiative Kicks Off with Tag Your Influence Day to expand Safe Teens AgaiNst Drugs – STAND through funds from Enforcing Underage Drinking Laws- EUDL
- Pasco County Commissioners adopt an ordinance restricting the sale of synthetic drugs and drug paraphernalia
- Fifth Permanent Medication Disposal location secured at the Pasco County Jail in Land O'Lakes

December

- ASAP Ribbon Cutting with West Pasco Chamber of Commerce
- Annual Luncheon held for community partners
- Participated in the Pharmboy movie premier
- Radio interview on ASAP projects impacting prescription drug abuse in Pasco County
- 2012 Indicator Report published
- Launch of ASAP branding

Criminal Justice Indicators

Table 1. Alcohol- and Drug-Related Offense and Arrest Data

	Pasco County					Statewide				
Indicator	**2007**	**2008**	**2009**	**2010**	**2011**	**2007**	**2008**	**2009**	**2010**	**2011**
DUI Arrests	1,997	2,174	1,613	1,765	1,253	58,824	61,852	53,004	52,154	43,784
Drug / Narcotic Arrests	1,683	1,941	2,094	2,661	2,444	169,360	159,916	146,056	141,775	130,296
Liquor Law Violations[1]	30	69	130	88	135	34,898	33,084	37,715	32,630	27,256

Note. Uniform Crime Report (UCR) data retrieved through FDLE web site: http://www.fdle.state.fl.us/FSAC/data_statistics.asp.

- Liquor Law Violations definition [1]: Violation of laws or ordinances prohibiting the manufacture, sale, purchase, transportation, possession or use of intoxicating alcoholic beverages.
- DUI arrests for Pasco County and Florida statewide increased from 2006 to 2008, peaking in 2008. Florida Statewide DUI arrests decreased in 2009 to 2011 and Pasco decreased in 2009 with a slight increase in 2010 then a decrease in 2011.
- Pasco County's drug/narcotic arrests peaked in 2010, whereas Florida statewide experienced reductions in this area from 2007 to 2011.
- Pasco's liquor law violations increased substantially from 30 violations in 2007 to 130 in 2009. In 2010, liquor law violations decreased to 88 then increased significantly to 135 liquor law violations in 2011.

Figure 1. Comparison of Pasco County DUI and Drug/Narcotic Arrests

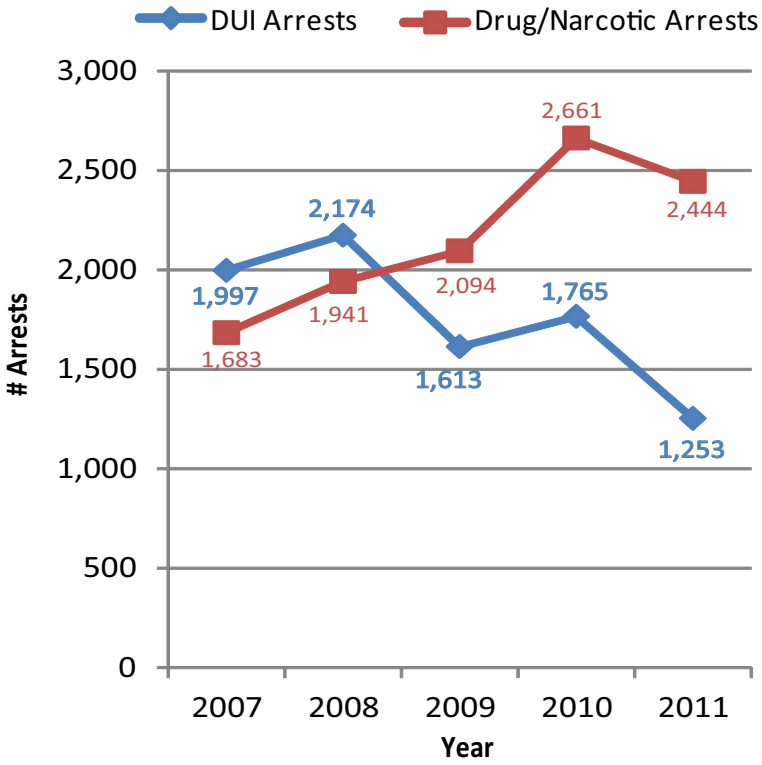
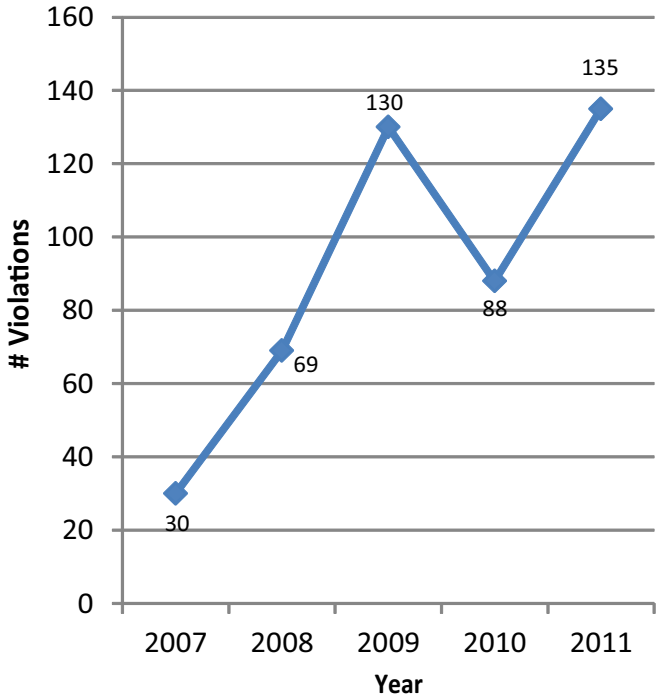


Figure 2. Pasco County Liquor Law Violations



Florida Youth Substance Abuse Survey

Table 2. Students Reporting Past 30-day Use of Selected Drugs

	Pasco County				Florida Statewide			
Drug Type	**2006**	**2008**	**2010**	**2012**	**2006**	**2008**	**2010**	**2012**
Any Alcohol	33.5%	30.0%	29.2%	24.3%	32.0%	29.8%	28.8%	24.6%
Binge drinking	20.3%	15.8%	13.5%	10.0%	16.8%	14.8%	14.1%	11.3%
Cigarettes	12.8%	12.3%	11.8%	7.2%	10.6%	9.1%	8.8%	6.6%
Smokeless tobacco	5.2%	---	---	---	4.6%	---	---	---
Marijuana	13.6%	12.9%	14.8%	11.6%	11.4%	11.1%	13.0%	4.3%
Inhalants	5.2%	2.3%	3.1%	1.9%	3.9%	3.5%	3.2%	2.5%
Any illicit drug	17.4%	16.2%	19.4%	15.8%	15.0%	15.8%	18.0%	17.2%
Any illicit except marijuana	9.4%	8.4%	9.1%	7.6%	7.3%	8.9%	9.3%	8.2%
Alcohol or any illicit drug	37.0%	34.0%	34.6%	29.2%	35.4%	33.9%	34.1%	30.5%
Prescription Pain Relievers	12.0%	10.8%	3.0%	2.4%	3.2%	3.2%	2.9%	2.3%
Prescription Amphetamines	5.3%	2.7%	0.8%	0.9%	1.4%	1.2%	1.1%	1.0%

Note. Data obtained from FYSAS, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- Similar to Florida's statewide rates, Pasco County's past month use of any alcohol decreased from 2006 to 2012.
- Consistent with statewide rates in 2010, Pasco County's past 30-day use rates were at their peak for marijuana and any illicit drug use.
- Binge drinking declined from 20.3% in 2006 to 10.0% in 2012.

Figure 3. Past 30-day Use of Alcohol, Tobacco and Other Drugs among Pasco County Students, 2012

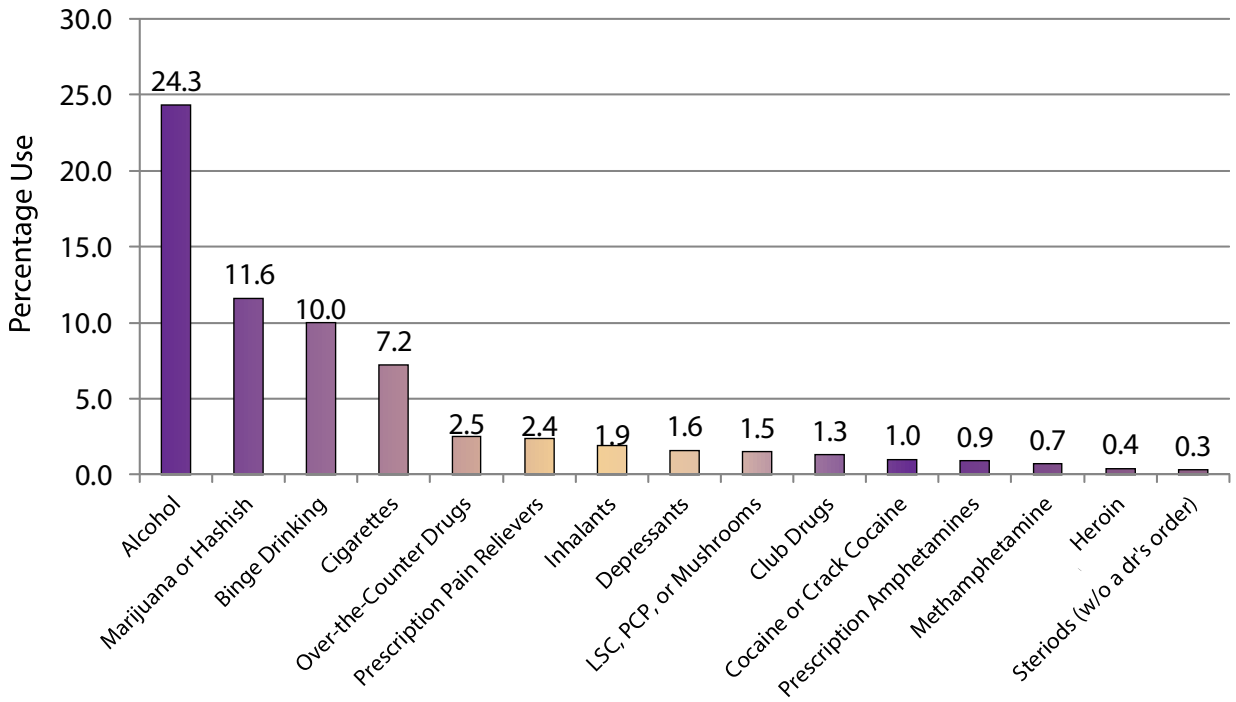


Table 3. Pasco County Students Reporting Past 30-day Use of Selected Drugs

	Middle School				High School			
Drug Type	**2006**	**2008**	**2010**	**2012**	**2006**	**2008**	**2010**	**2012**
Any alcohol	16.6%	15.1%	16.2%	13.8%	46.4%	42.0%	39.3%	32.6%
Binge drinking	8.2%	6.0%	7.2%	5.6%	29.4%	23.7%	18.5%	13.5%
Cigarettes	6.8%	5.9%	5.8%	4.2%	17.5%	17.4%	16.6%	9.7%
Smokeless tobacco	3.5%	---	---	---	6.4%	5.5%	---	---
Marijuana	5.5%	4.7%	6.7%	5.0%	19.5%	19.5%	21.1%	16.9%
Inhalants	5.1%	3.8%	4.9%	2.4%	5.2%	1.1%	1.7%	1.5%
Any illicit drug	10.1%	8.6%	12.2%	8.9%	22.8%	22.3%	25.1%	21.3%
Any illicit except marijuana	6.9%	6.5%	8.2%	5.9%	11.1%	9.9%	9.7%	9.0%
Alcohol or any illicit drug	20.0%	18.0%	20.6%	17.3%	49.9%	47.0%	45.6%	38.8%
Prescription pain relievers	2.4%	3.2%	1.5%	1.9%	6.9%	3.8%	4.1%	2.8%
Prescription amphetamines	.8%	.6%	.8%	0.6%	2.2%	.8%	.7%	1.2%

Note. Data obtained from FYSAS, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- From 2010 to 2012, past month alcohol use and binge drinking decreased among both middle and high school students.
- Among middle and high school students, 2012 had the lowest rates for any alcohol use, binge drinking, cigarettes, inhalants, any illicit drug except marijuana, and alcohol or any illicit drug.
- Past 30-day alcohol use among high school students steadily decreased from 46.4% in 2006 to 32.6% in 2012.
- Past 30-day marijuana use among middle school students increased from 5.5% in 2006 to 6.7% in 2010 then decreased to 5.0% in 2012.
- Past 30-day inhalant use among high school students decreased from 5.2% in 2006 to 1.5% in 2012.

Figure 4. Past 30-day Alcohol Use Pasco County 2006-2012

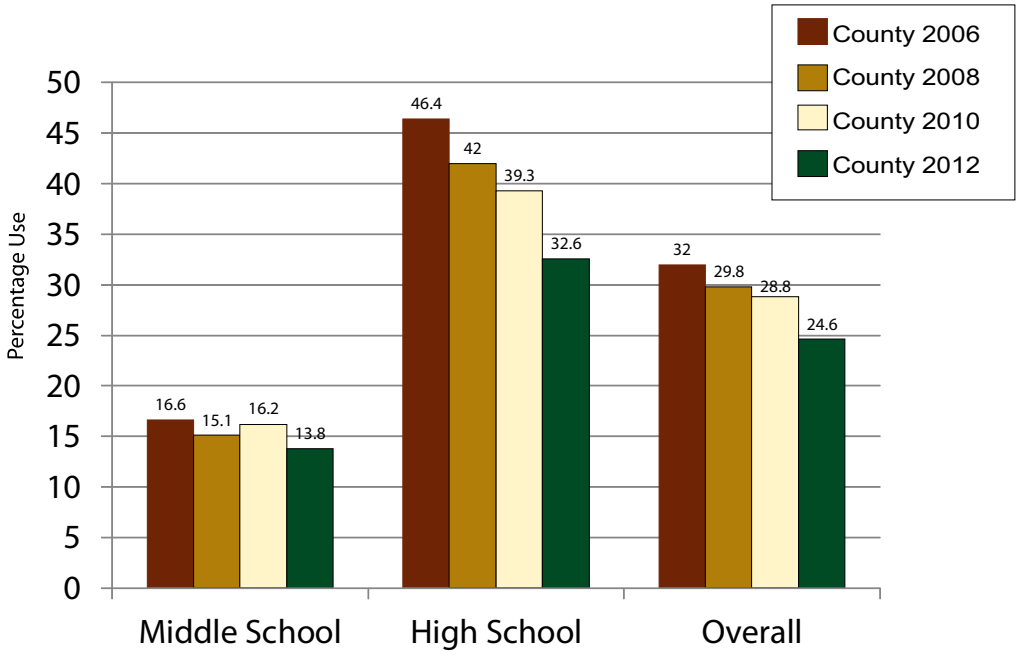
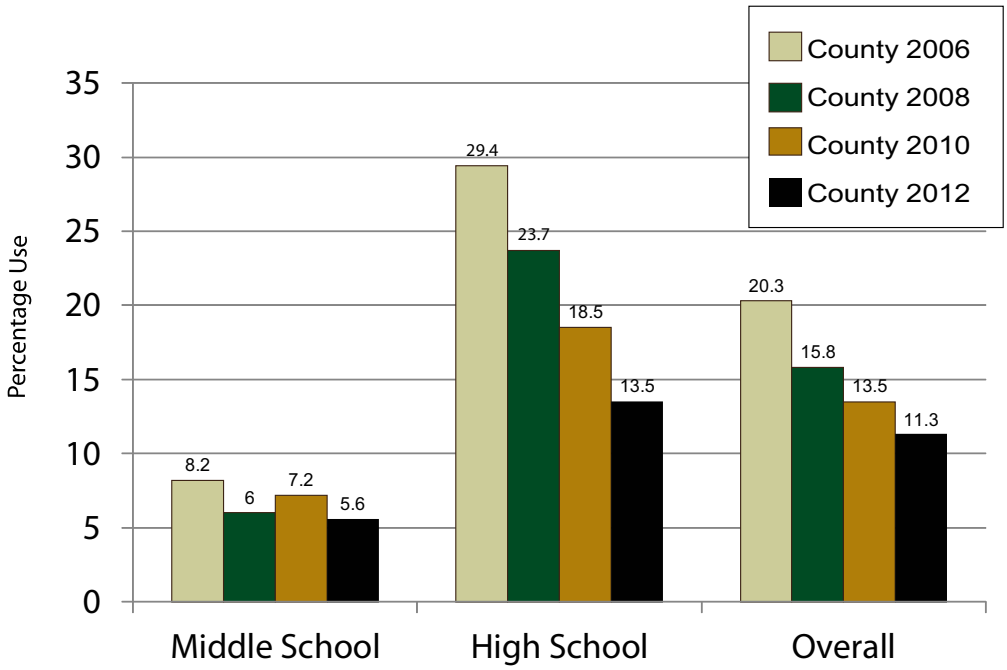


Figure 5. Past 30-day Binge Drinking Pasco County 2006-2012





In 2012, Centennial Middle School's Students Against Destructive Decisions (SADD) and ASAP collaborated for the 3rd Annual Rally Against Underage Drinking. SADD's theme was "Don't Be A Number" based on the statistic 5,000 people under the age of 21 die each year from alcohol-related incidences.

Table 4. Students Reporting Lifetime Use of Selected Drugs

	Pasco County				Florida Statewide			
Drug Type	**2006**	**2008**	**2010**	**2012**	**2006**	**2008**	**2010**	**2012**
Any alcohol	57.6%	53.9%	53.1%	45.6%	56.1%	53.2%	51.5%	47.3%
Cigarettes	32.1%	30.4%	29.2%	20.4%	30.6%	23.0%	25.9%	21.3%
Smokeless tobacco	12.0%	---	---	---	10.9%	---	---	---
Marijuana	23.9%	23.5%	27.4%	22.4%	22.5%	21.1%	23.8%	23.2%
Inhalants	13.2%	10.4%	10.1%	8.0%	12.2%	11.4%	10.0%	7.9%
Any illicit drug	31.7%	31.3%	35.1%	30.5%	30.3%	30.4%	33.0%	31.7%
Any illicit except marijuana	19.8%	21.4%	22.1%	18.4%	18.1%	20.7%	21.0%	18.8%
Alcohol or any illicit drug	61.1%	57.3%	57.0%	50.6%	59.5%	57.1%	56.3%	52.5%

Note. Data obtained from Florida Youth Substance Abuse Survey (FYSAS) of middle and high school students, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- From 2006 to 2012, fewer Pasco County students reported lifetime use of alcohol, and this downward trend was also parallel to Florida's statewide data.
- In 2012, Pasco County reported its lowest rates since 2006 for use of alcohol, cigarettes, marijuana, inhalants, any illicit drug, and alcohol or any illicit drug.
- Consistent with Florida statewide, Pasco County lifetime marijuana use and any illicit except marijuana use increased from 2008 to 2010 then decreased in 2012.

Figure 6. Lifetime Use of Alcohol, Tobacco, and other Drugs among Pasco County Students, 2012

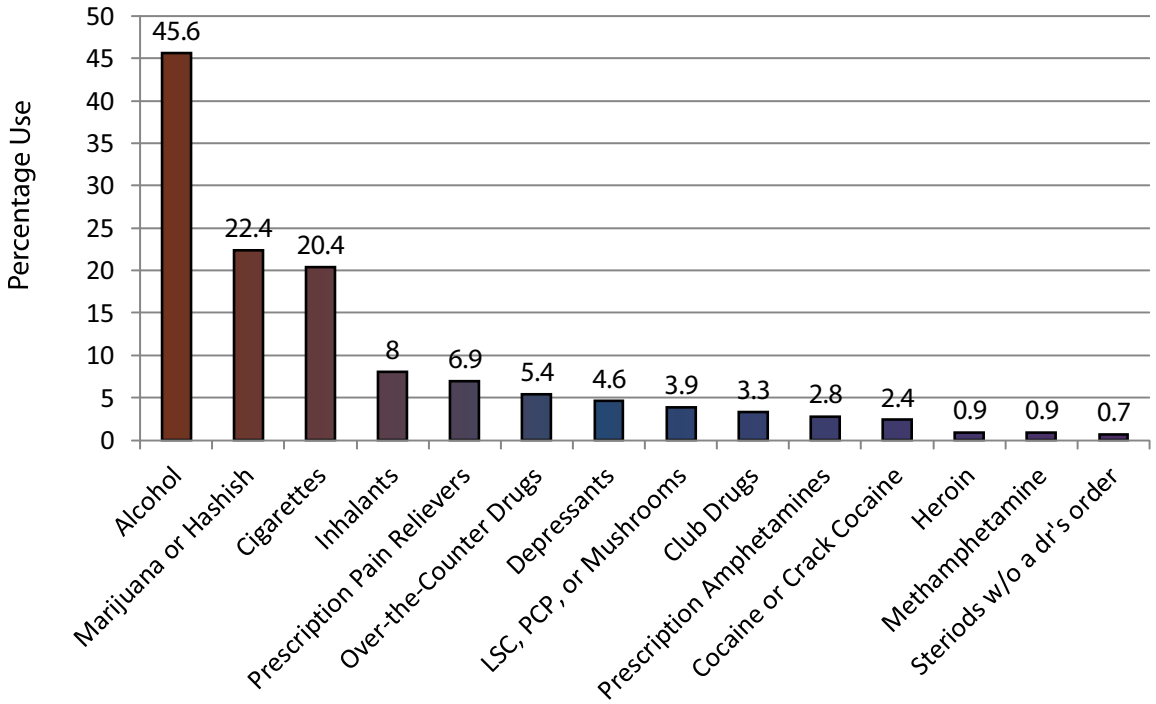


Table 5. Pasco County Students Reporting Lifetime Use of Selected Drugs

	Middle School				High School			
Drug Type	**2006**	**2008**	**2010**	**2012**	**2006**	**2008**	**2010**	**2012**
Any alcohol	37.7%	35.2%	34.3%	24.5%	72.8%	69.1%	67.9%	62.5%
Cigarettes	19.5%	19.9%	18.5%	11.8%	41.7%	38.9%	37.6%	27.3%
Smokeless tobacco	8.3%	---	---	---	14.8%	15.2%	---	---
Marijuana	9.1%	9.3%	11.2%	9.3%	35.1%	34.8%	40.2%	32.8%
Inhalants	13.7%	11.3%	12.3%	9.6%	12.7%	9.8%	8.5%	6.7%
Any illicit drug	20.3%	19.8%	22.2%	19.1%	40.3%	40.6%	45.5%	39.7%
Any illicit except marijuana	15.8%	16.1%	18.4%	15.4%	22.88%	25.7%	25.0%	20.8%
Alcohol or any illicit drug	41.7%	40.2%	39.7%	30.7%	75.9%	71.2%	70.8%	66.6%

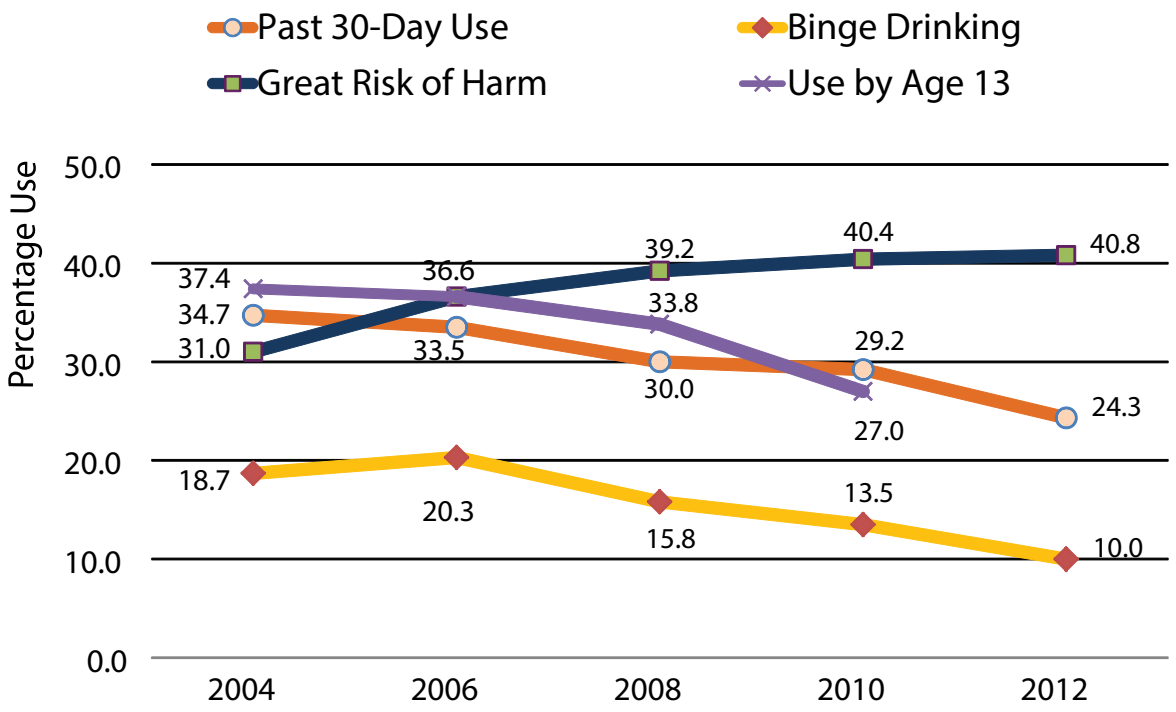
Note. Data obtained from FYSAS, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- In 2012, Pasco County middle and high school reported their lowest lifetime rates of alcohol use since 2006.
- Rates of lifetime use of marijuana in Pasco middle and high school increased from 2008 to 2010 then decreased in 2012.
- Lifetime rates for alcohol and drug use generally double from middle to high school, except for inhalants which are higher for middle school than high school.



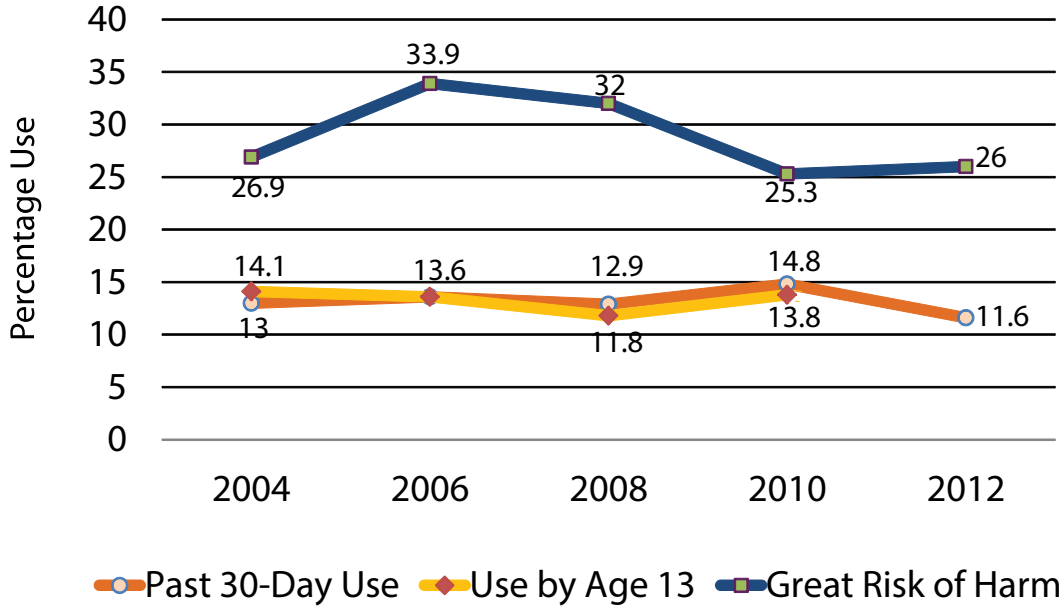
Impaired Driving Billboards continue to run throughout Pasco County's busiest roads.

Figure 7. Alcohol Trends Summary for Pasco County 2004-2010



- Alcohol use continues to decrease as the associated harm with use increases (i.e., past 30-day, binge drinking, use by age 13).

Figure 8. Marijuana Trends Summary for Pasco County, 2004-2010



- Marijuana use has seen an increase as the harm associated with use decreases
- Perceived risk of harm associated with marijuana use decreased from 32% in 2008 to 25.3% in 2010.

Florida Youth Substance Abuse Survey

Table 6. Pasco County and Florida Statewide High School Students Who Started Using Alcohol, Cigarettes, or Marijuana at Age 13 or Younger

High School Student Measure	Pasco County				Florida Statewide			
	2006	2008	2010	2012	2006	2008	2010	2012
More than a sip or two of alcohol	36.3%	33.8%	27.0%	22.7%	35.0%	32.3%	27.1%	25.4%
Drinking at least once a month	8.1%	6.2%	5.6%	3.2%	6.7%	5.9%	5.8%	5.0%
Cigarettes	26.6%	24.7%	21.0%	14.9%	23.9%	19.9%	17.1%	14.5%
Marijuana	13.6%	11.8%	13.8%	11.1%	12.5%	10.6%	11.3%	11.7%

Note. Data obtained from FYSAS, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- The rates of Pasco County and Florida statewide high school students who started using alcohol and cigarettes at or before age 13 decreased from 2006 to 2012.
- Conversely, those who started using marijuana at age 13 or younger increased from 2008 to 2010 in both Pasco County and Florida statewide. In Pasco County, this number decreased in 2012 but increased Florida statewide.

Table 7. Pasco County Students Reporting Past 12 Month Drug-Related Behavior

Drug-Related Behavior	Middle School				High School			
	2006	2008	2010	2012	2006	2008	2010	2012
Selling drugs	1.8%	3.4%	3.5%	2.0%	9.8%	7.8%	10.0%	6.2%
Drunk or high at school	8.7%	6.7%	9.7%	5.2%	23.1%	17.1%	18.4%	16.3%

Note. Data obtained from FYSAS, http://www.dcf.state.fl.us/mentalhealth/publications/fysas/

- From 2006 to 2008, there was a steady increase in the percentage of Pasco County middle school students who reported selling drugs, this peaked in 2010 then decreased in 2012. Rates of middle school students who reported being drunk or high at school decreased in 2008, then increased in 2010 then decreased in 2012.
- For high school students, both selling drugs and being drunk or high at school were at their lowest rates in 2012.

Table 8. Pasco School District Data for On-Campus Use of Tobacco, Alcohol and Drugs 2008-2012

Type and Use	2008	2009	2010	2011	2012
Tobacco	256	248	201	91	72
Alcohol	44	33	29	42	27
Drug use	197	198	206	187	171
Drug sales	16	26	45	24	17

- Tobacco use has decreased significantly from 2008 to 2012.
- Tobacco, alcohol, and drug use were at their lowest rates in 2012.

Figure 9. Usual Source of Alcohol within the past 30-days among High School Drinkers, Pasco County 2012

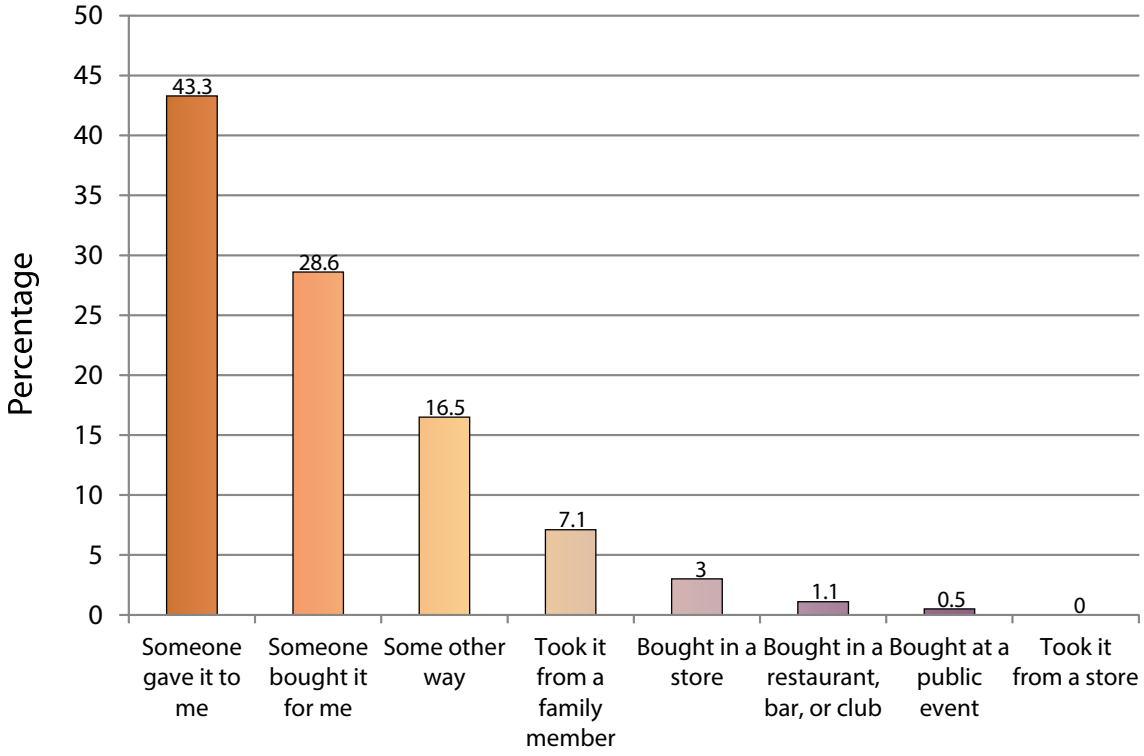


Figure 10. Usual Drinking Location within the past 30-days among High School Drinkers, Pasco County 2012

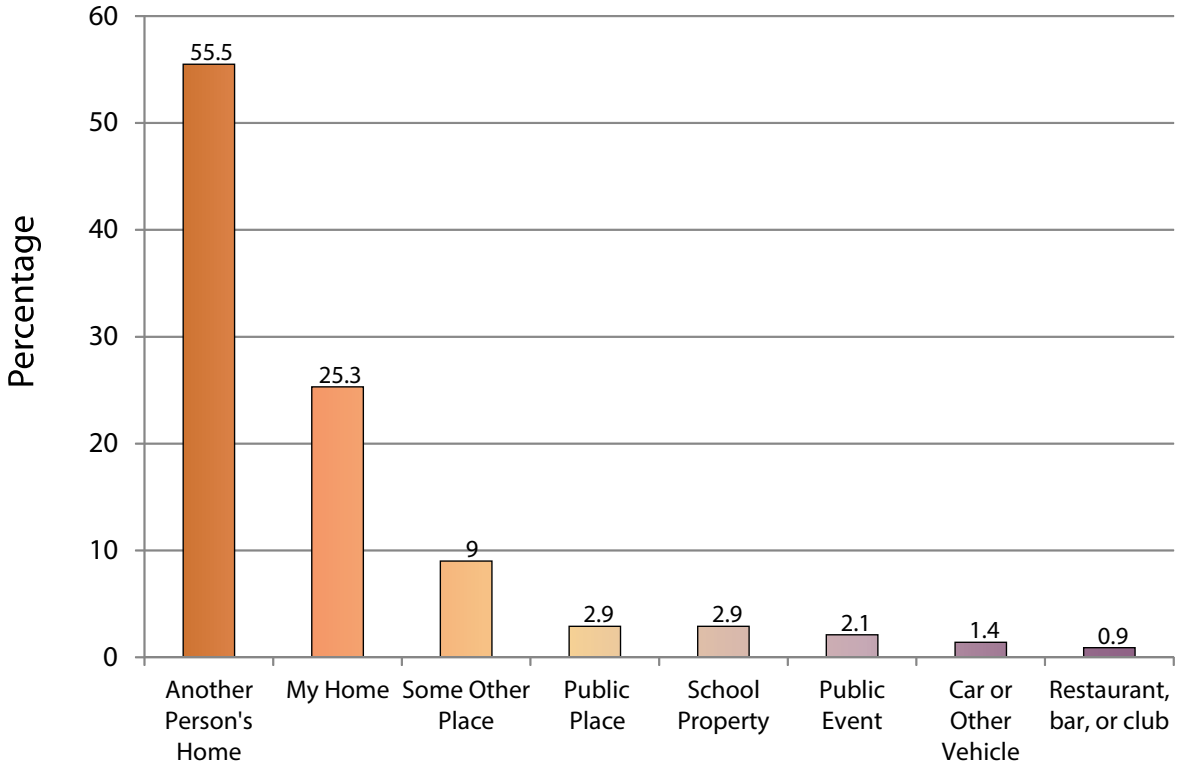


Figure 11. Comparisons of Past 12-month Delinquent Behavior Among Pasco County Middle and High School Students 2012

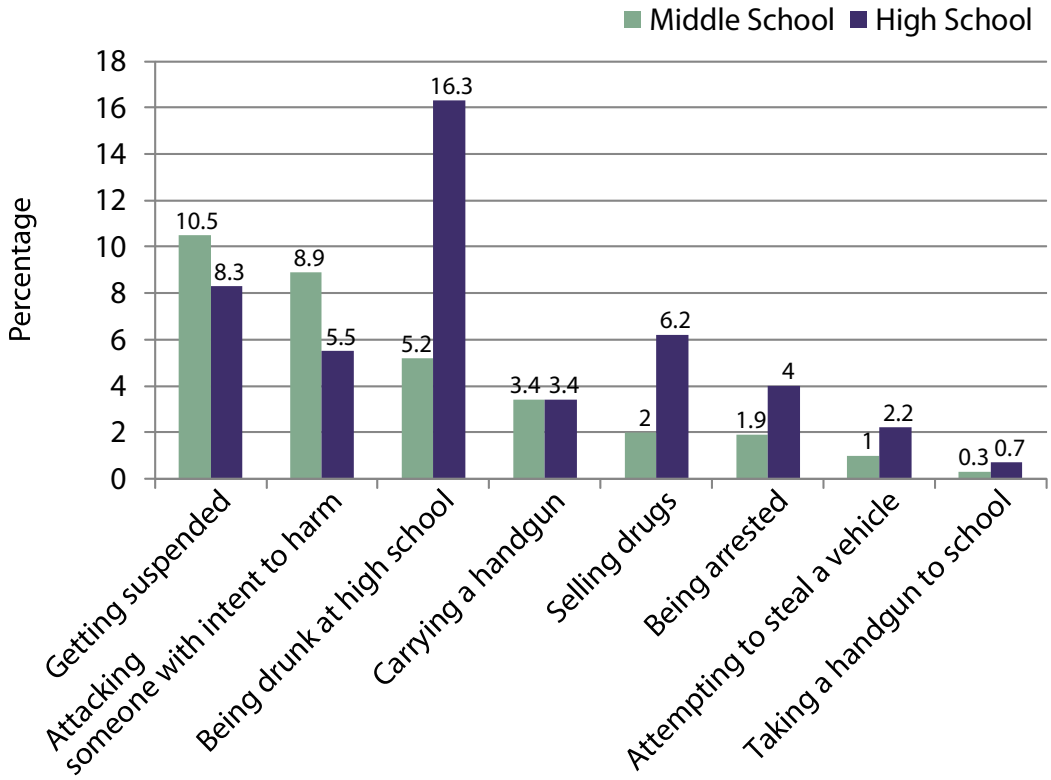
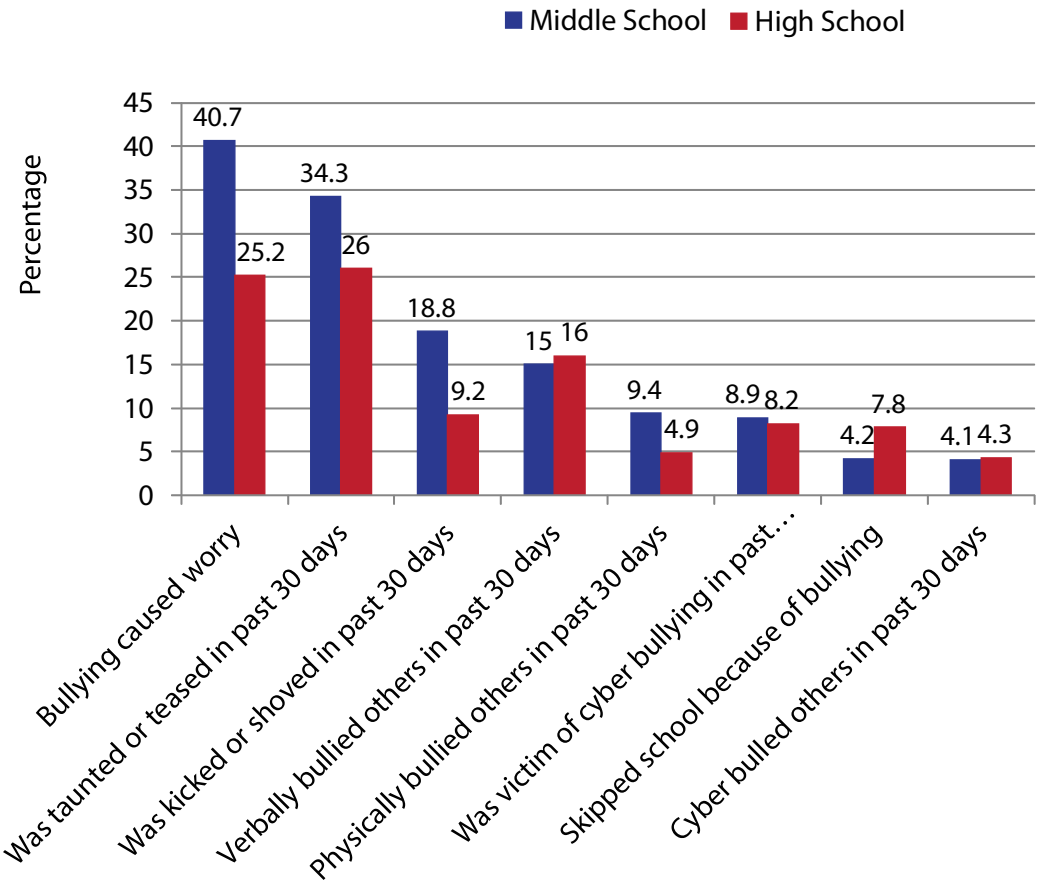


Figure 12. Bullying-related Behaviors among Pasco County Middle and High School Students, 2012



Mortality Data

Table 9. Suicide Attempts Using Poisons or Medications in Pasco County by Age Group (FL Poison Information Center Network)

Age Group	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
10-14	12	15	10	14	17	13	17	5	8	11	5
15-19	36	56	41	50	55	45	57	69	55	38	59
20-24	28	37	39	31	32	37	40	44	39	66	45
25-34	87	66	65	59	66	64	93	85	91	102	85
35-44	91	90	76	73	61	90	70	91	86	115	101
45-54	53	57	51	47	52	61	80	86	93	87	83
55-64	12	21	17	16	16	18	24	29	36	34	52
65-74	5	7	7	4	3	8	16	9	8	7	17
75-84	5	5	2	3	4	3	6	4	3	1	6
85+	0	1	4	0	0	2	1	2	2	3	2
Total	329	355	312	297	308	341	404	424	421	464	455

Data obtained from Florida Poison Control

- Overall, Pasco County's suicide attempts using poisons or medications peaked in 2010.
- From 2001 to 2011, the highest rate of suicide attemps using poisons or medications was among those 35 to 44 years of age.

Table 10. Pasco County Suicide Deaths by Age Group

Age Group	2004	2005	2006	2007	2008	2009	2010	2011
10-14	0	0	0	0	0	0	1	0
15-19	2	1	2	1	1	3	1	5
20-24	2	1	8	5	3	3	5	4
25-34	7	8	8	4	14	12	9	11
35-44	15	13	12	16	18	21	15	21
45-54	22	17	17	26	19	24	24	22
55-64	8	7	22	14	13	3	20	18
65-74	6	7	12	8	10	6	8	12
75-84	7	8	3	9	7	5	3	12
85+	2	3	1	2	5	3	3	2
Total	**71**	**65**	**85**	**85**	**90**	**80**	**89**	**107**

Note. Florida Vital Statistics Annual Report 2011.

- Pasco County's suicide deaths have remained relatively constant over the past five years, with the 45 to 54 age group having the highest rate.

State of Florida suicide rate was 14.6 per 100,000 population in 2011.

Pasco County suicide rate was 21.6 per 100,000 population in 2011.

Mortality Data

Table 11. Alcohol-Related Crashes, Injuries, and Fatalities

DHSMV Data[1]	Pasco County					Florida Statewide				
Indicator	2006	2007	2008	2009	2010	2006	2007	2008	2009	2010
Crashes	593	555	544	477	417	22,858	22,823	22,259	20,085	17,748
Injuries	539	496	422	412	327	16,319	16,208	15,736	14,130	12,168
Fatalities	38	40	36	28	26	1,099	1,244	1,169	1,004	794
TOTAL	1,170	1,091	1,002	917	770	40,276	40,275	39,164	35,219	30,710

Note. Data obtained from Florida Department of Highway Safety and Motor Vehicles, http://www.hsmv.state.fl.us/

- Pasco County alcohol-related injuries and crashes have steadily decreased from 2006 to 2010 which is consistent with Florida Statewide.
- Pasco County has steadily decreased alcohol-related fatalities from 2007 to 2010.

Figure 13. Pasco County Alcohol-Related Crashes and Injuries

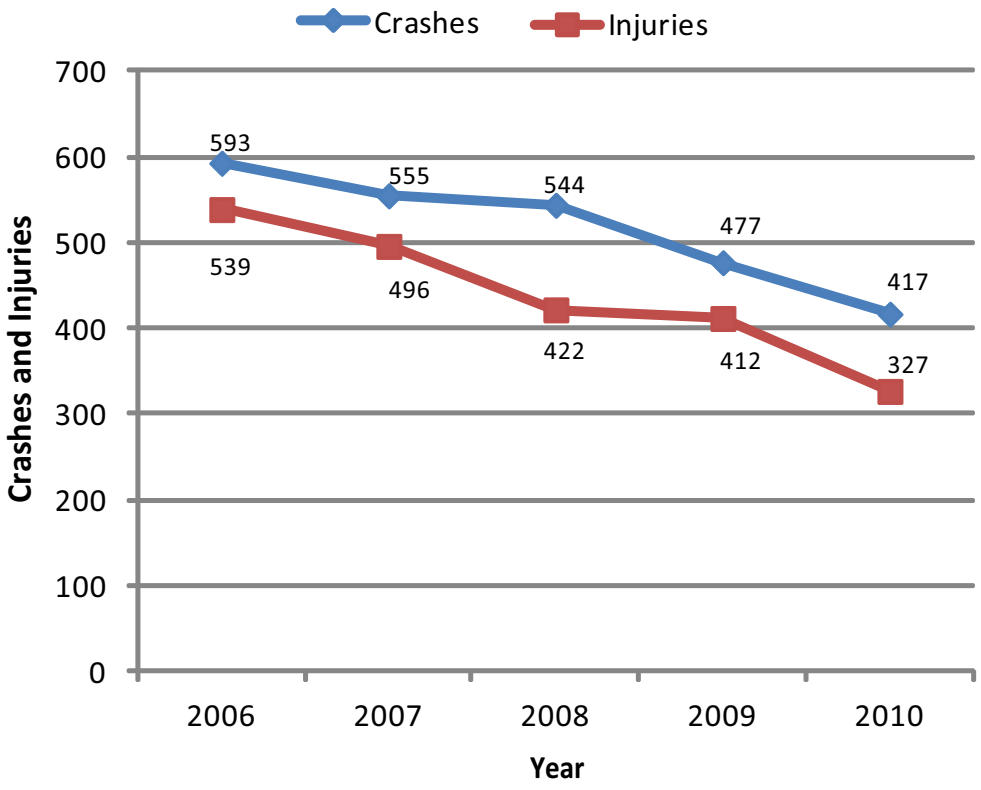


Figure 14. Pasco County Alcohol-Related Fatalities

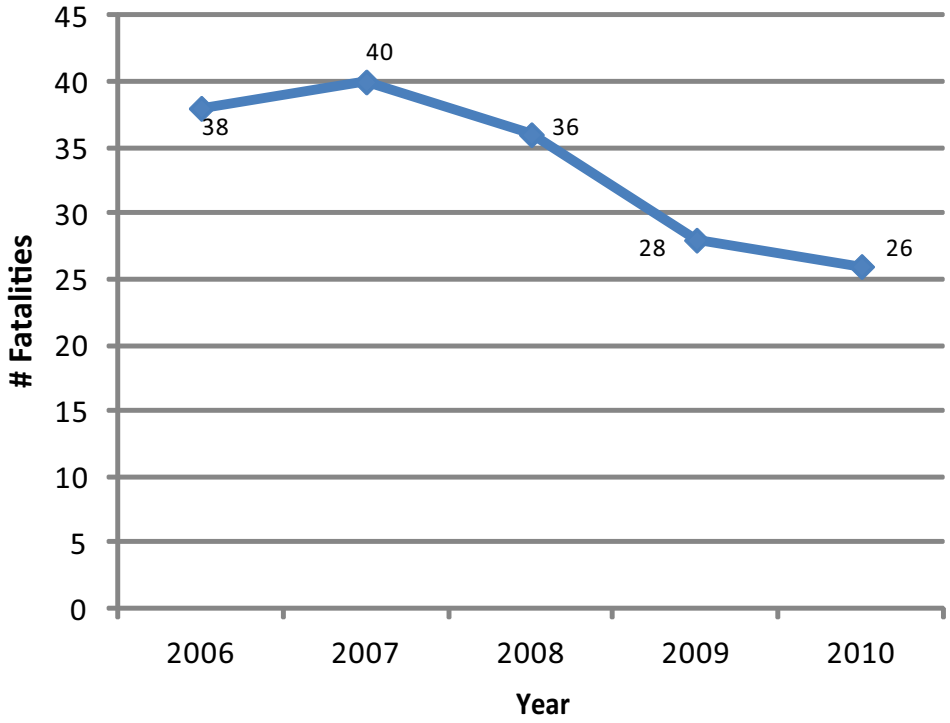


Table 12. District 6 (Pasco/Pinellas) Drug-Related Deaths by Lethal and Non-Lethal Levels

Drugs	Lethal Levels: Drug Was Cause of Death					Non-Lethal Levels: Drug Was Present				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Alprazolam	37	62	109	177	140	137	188	158	110	65
Diazepam	11	7	67	92	93	92	138	51	53	53
Oxycodone	131	209	197	275	195	58	99	96	118	127
Hydrocodone	24	43	45	51	52	68	69	70	95	84
Methadone	85	90	117	127	102	30	28	26	41	25
Morphine	48	30	36	41	42	16	19	41	37	30
Propoxyphene	14	6	7	1	--	26	38	23	14	--
Cocaine	94	66	72	69	59	79	88	67	65	53
Heroin	11	3	8	3	1	1	2	1	0	0

Note. Lethal levels indicate overdoses in which the drug was the cause of death, whereas non-lethal levels indicate instances in which the drug was present. Florida Department of Law Enforcement, *2004 Report of Drugs Identified in Deceased Persons by Florida Medical Examiners*, June 2010: http://www.fdle.state.fl.us/publications/Examiners/2008MERDrugReport.pdf

- The number of deaths (lethal level) caused by diazepam, hydrocodone, and morphine increased from 2009-2011.
- The number of deaths (lethal level) caused by alprazolam, oxycodone, and methadone decreased from 2010-2011.
- The number of deaths (non-lethal level) associated with alprazolam, hydrocodone, methadone, morphine and cocaine decreased from 2010 to 2011 while oxycodone increased from 2010 to 2011.

Figure 15. Comparison of District 6 Drug-Related Deaths by Non-Lethal Level

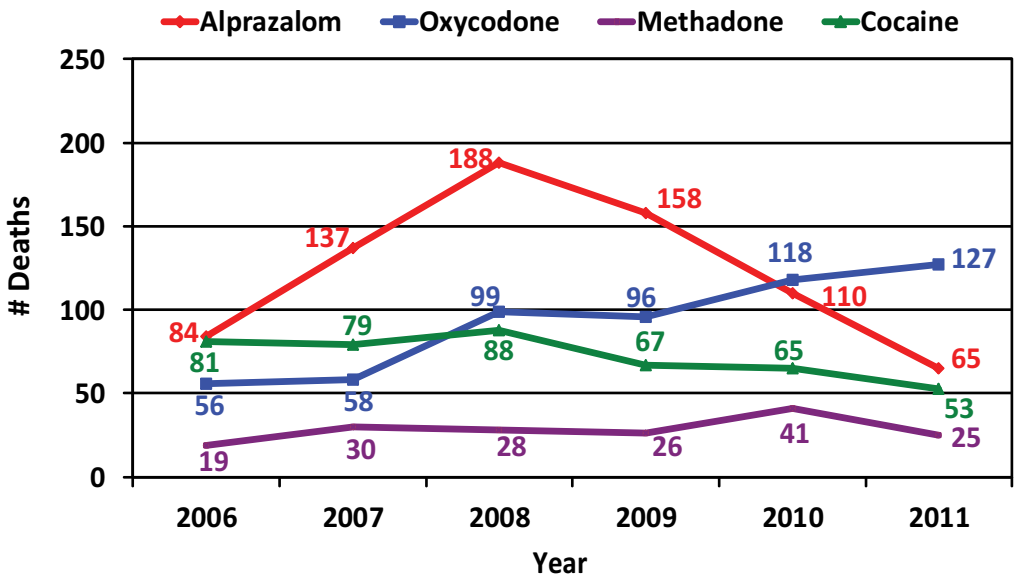


Figure 16. Comparison of District 6 Drug-Related Deaths by Lethal Level

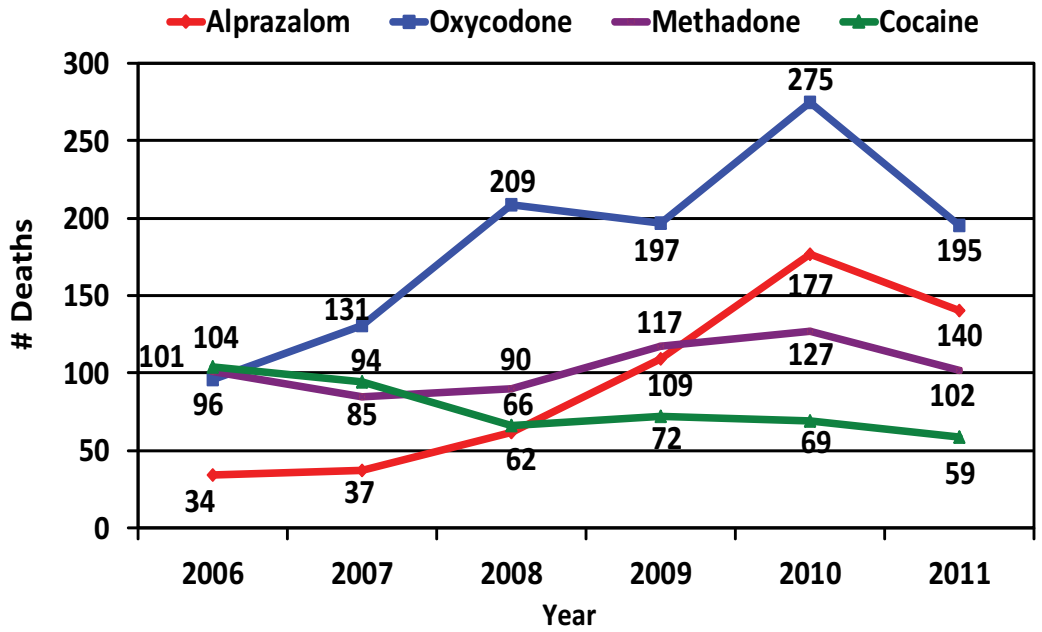


Table 13. Pasco and Pinellas Counties Drug-Related Deaths by Age and Lethal/Non-Lethal Levels (2009)

Drugs	Lethal Levels: Drug Was Cause of Death				Non-Lethal Levels: Drug Was Present			
	<25	25-29	30-54	>54	<25	25-29	30-54	>54
Alprazolam	7	5	23	11	1	10	47	11
Oxycodone	5	4	23	14	10	10	66	16
Methadone	2	2	12	2	9	11	32	7
Diazepam	5	2	6	26	3	3	19	9

Note. Lethal levels indicate overdoses in which the drug was the cause of death, whereas non-lethal levels indicate instances in which the drug was merely present. Florida Department of Law Enforcement, 2004 Report of Drugs Identified in Deceased Persons by Florida Medical Examiners, June 2008: http://www.fdle.state.fl.us/publications/Examiners/2008MERDrugReport.pdf.

- The number of deaths (lethal level) caused by alprazolam, oxycodone and methadone was highest in the 30-54 age group.

Table 14. District 6 Drug-Related Deaths by Lethal and Non-Lethal Levels

Drugs	Lethal Levels: Drug was Cause of Death				Non-Lethal Levels: Drug was Present			
	Pasco		Pinellas		Pasco		Pinellas	
	2010	2011	2010	2011	2010	2011	2010	2011
Alprazolam	76	57	108	83	41	18	64	47
Diazepam	29	29	58	64	10	14	14	39
Oxycodone	103	64	173	131	46	50	72	77
Hydrocodone	19	20	33	32	29	36	66	48
Methadone	59	41	68	61	18	9	23	16
Cocaine	13	17	56	42	22	18	43	35
Morphine	16	16	24	26	8	10	29	20
Propoxyphene	1	0	0	0	2	0	12	0
Heroin	0	0	3	1	0	0	0	0

Note. Lethal levels indicate overdoses in which the drug was the cause of death, whereas non-lethal levels indicate instances in which the drug was merely present. Florida Department of Law Enforcement, 2004 Report of Drugs Identified in Deceased Persons by Florida Medical Examiners, June 2008: http://www.fdle.state.fl.us/publications/Examiners/2008MERDrugReport.pdf.

- In 2010 and 2011, oxycodone, followed by alprazolam, was the drug most commonly found in lethal levels from both Pasco and Pinellas County Medical Examiners.
- Pasco County is higher than Pinellas County in per capita drug-related deaths.

Mortality Data

Figure 17. Pasco County Lethal Level of Drug is Cause of Death

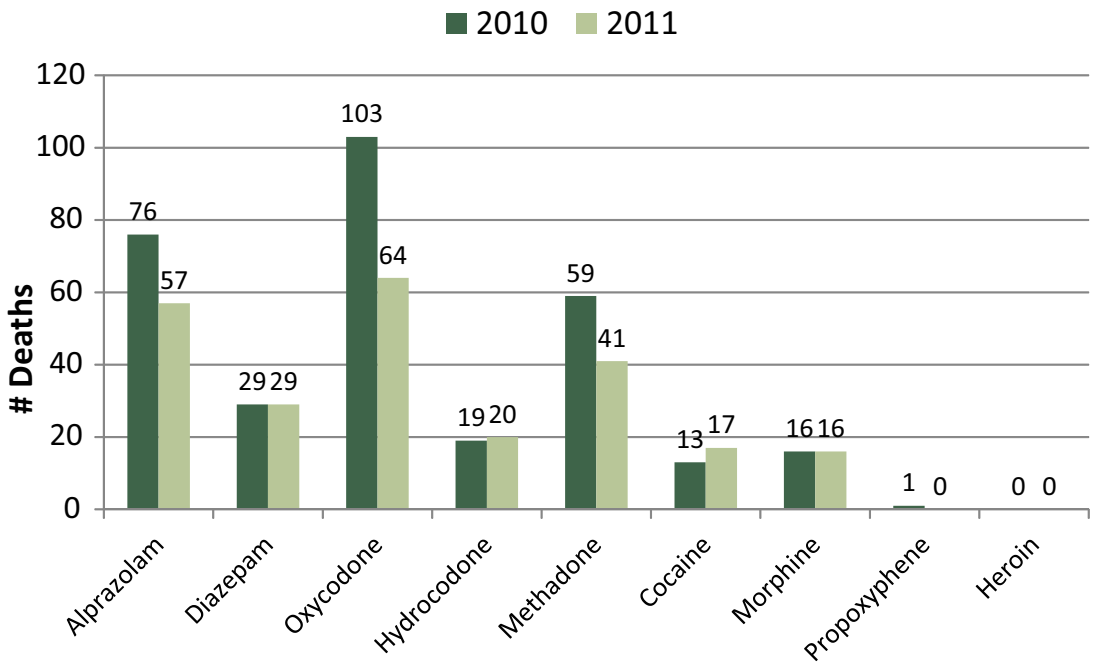
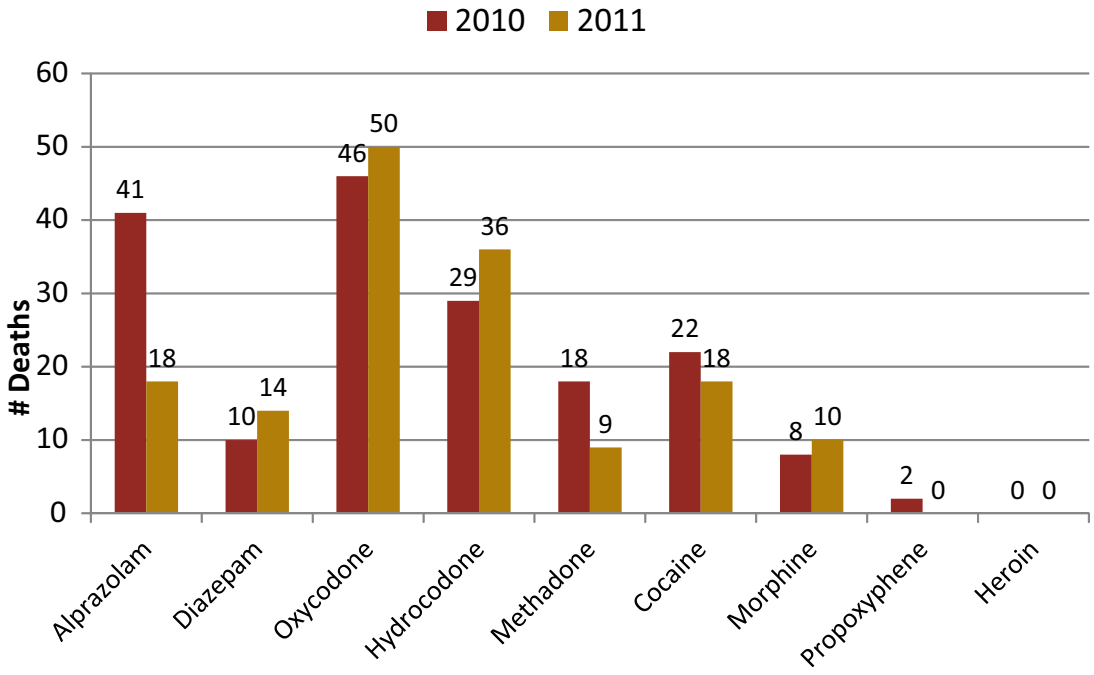


Figure 18. Pasco County Non-Lethal Drug is Present at Death



Trends in Prescription Drug Abuse

Table 15. Prescription Drug Monitoring Program Registration by County

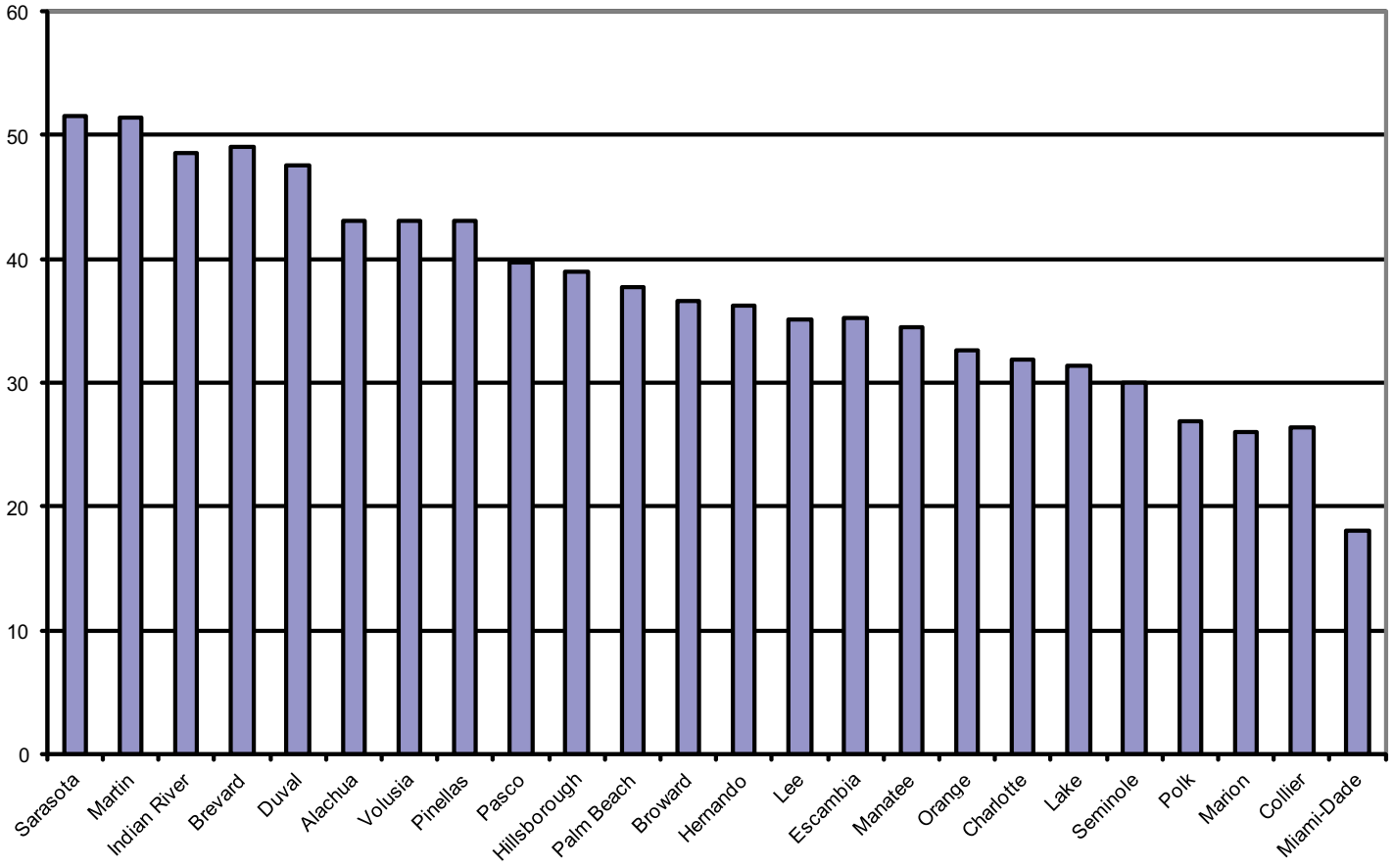
Ranking	County	2010 Population Point in Time Estimate	PDMP Registration Point in Time Count	PDMP Registration Rate per 100,000 population
1	Sarasota	389,770	201	52
2	Martin	143,859	74	51
3	Indian River	142,108	69	49
4	Brevard	554,908	272	49
5	Duval	899,820	428	48
6	Alachua	257,762	111	43
7	Volusia	506,719	218	43
8	Pinellas	926,217	399	43
9	Pasco	440,616	175	40
10	Hillsborough	1,200,754	468	39
11	Palm Beach	1,287,224	485	38

According to data from Florida's PDMP Program E-FORCE, the following medical professionals used the PDMP program over the past year:

Medical Professional	Number of Users	Number of Users Who Have Queried	Queries
Pharmacist	1,191	11	2,247
Medical Doctor	90	45	6,934
Osteopathic Physician	34	13	955

As can be seen from the data above, medical doctors are utilizing the program the most with almost 7,000 queries.

Figure 19. Prescription Drug Monitoring Program Registration by County



Pasco be SMART is a collaborative initiative launched in 2012 between ASAP, Pasco County's Sheriff's Office, and Bay Care to address prescription drug abuse.

Figure 20. 126 Million Oxycodone Pills Dispensed by the Top 100 Florida Pharmacies

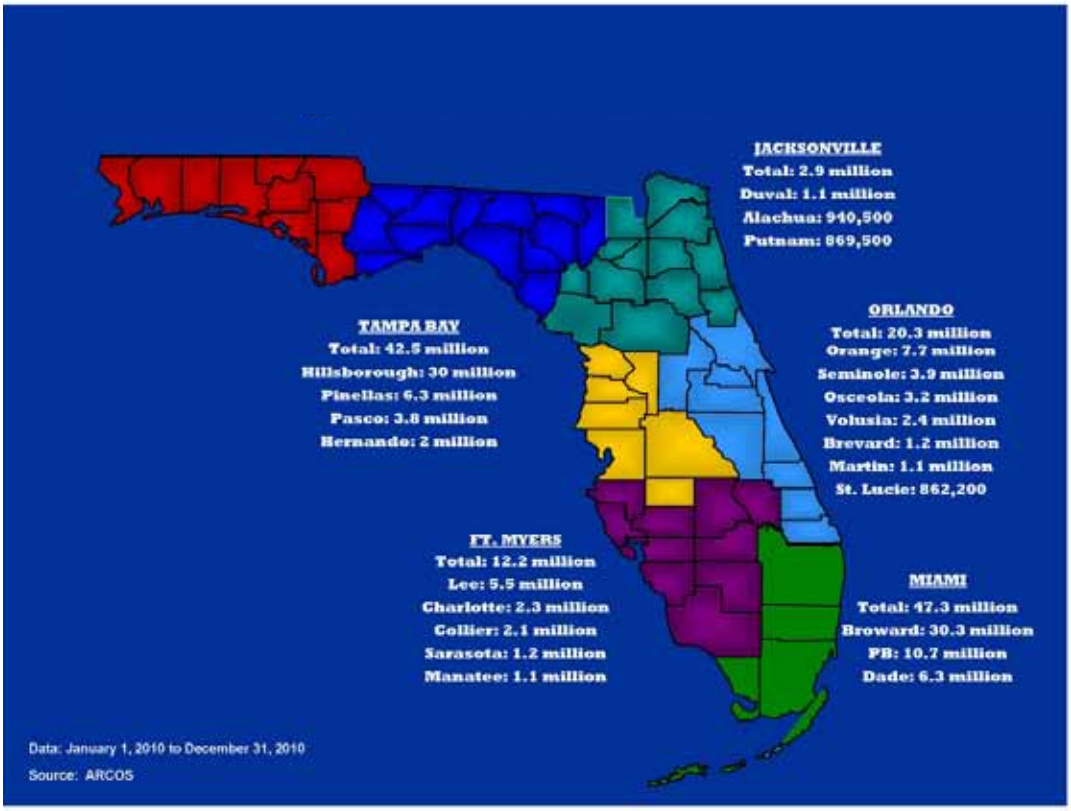


Figure 21. 98 of the Top 100 Doctors Dispensing Oxycodone Nationally are in Florida

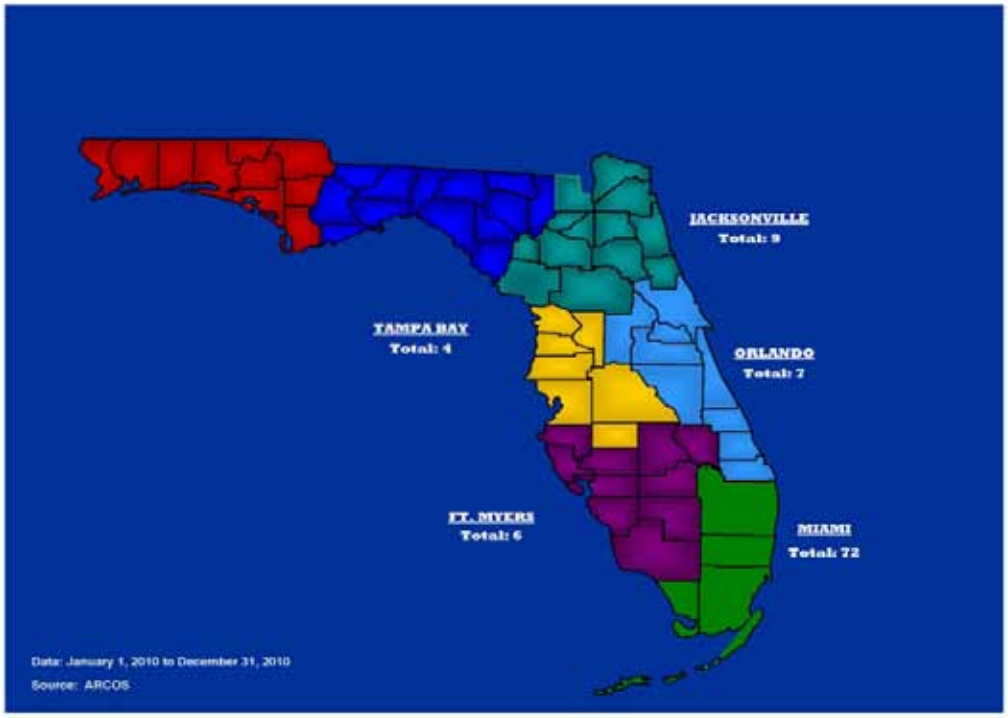


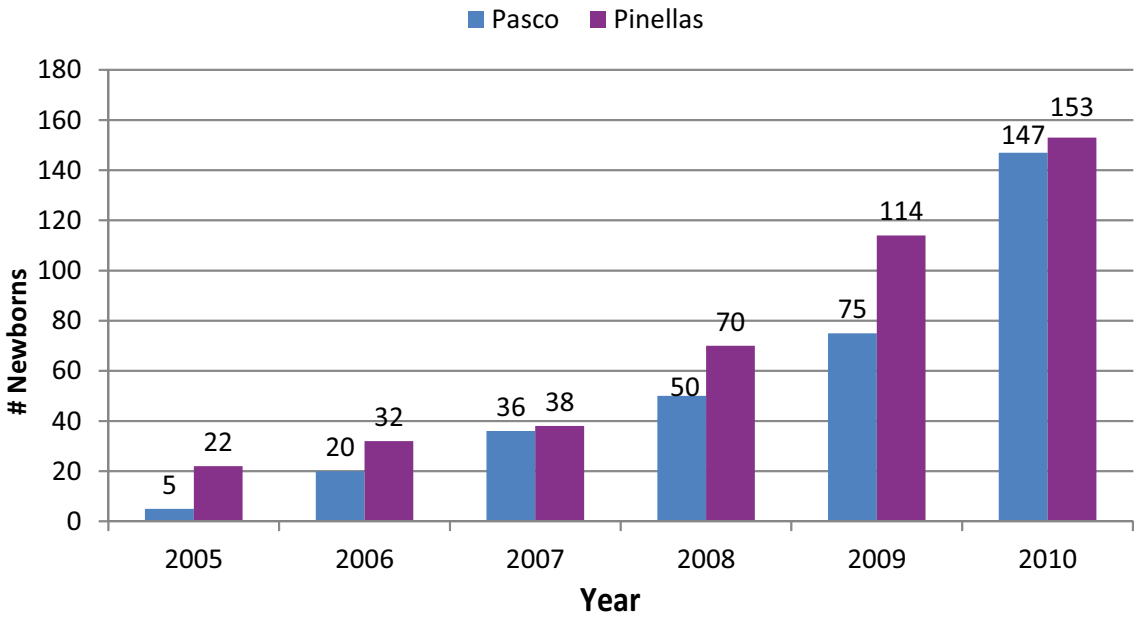
Table 16. Substance-Exposed Newborns by County of Residence

Drugs	2005	2006	2007	2008	2009	2010
Pasco	5	20	36	50	75	147
Pinellas	22	32	38	70	114	153

Note. Data obtained from The Florida Agency for Health Care Administration (AHCA)

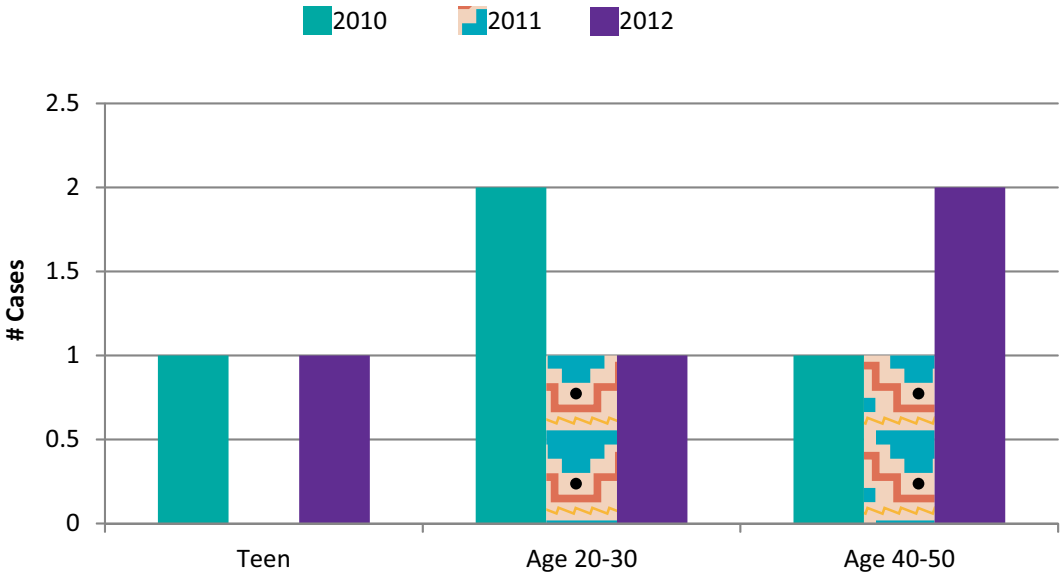
- Pinellas and Pasco Counties have consistently ranked number 1 and 2 in Florida respectively for the number of substance-exposed newborns.
- The number of infants treated for withdrawal symptoms in Florida hospitals increased 173% between 2006 and 2010.
- 63.2% of the 399 women ages 18-40 (child bearing age) that entered treatment, reported a prescription drug as their primary drug of choice in Pasco County (Baycare Behavioral Heatlh 2009/2010 Fiscal Year).
- 2.8% of Pasco County high school students report past 30-day use of prescription pain relievers (2012, Florida Youth Substance Abuse Survey).
- The number of female inmates in Pasco Sheriff's County jails that are pregnant and have substance abuse problems with prescription drugs is increasing.
- In 2008 in Pasco County, there were 159 ER visits for an opioid related incident. There were 86 overdoses of Benzodiazepine and 20 overdoses involing other tranquilizers (2008 Agency for Healthcare Administration).
- 59% of the 457 Pasco residents surveyed feel that there is not enough enforcement of prescription drugs (2010 Pasco Alcohol Policy and Prescription Drug Use Survey).
- Pasco Sheriff's Office collected a total of 2060.8 pounds of pills in 2011.
- Dade City Police Deptarment's permanent drop box collected over 1,000 pounds in 2011.

Figure 22. Substance Exposed Newborns by County of Residence



Trends in Synthetic Drug Abuse

Figure 23. Pasco County Bath Salt Cases by Age



Note. Data obtained from Florida Poison Control. Case refers to calls made to poison control.

Bath Salts

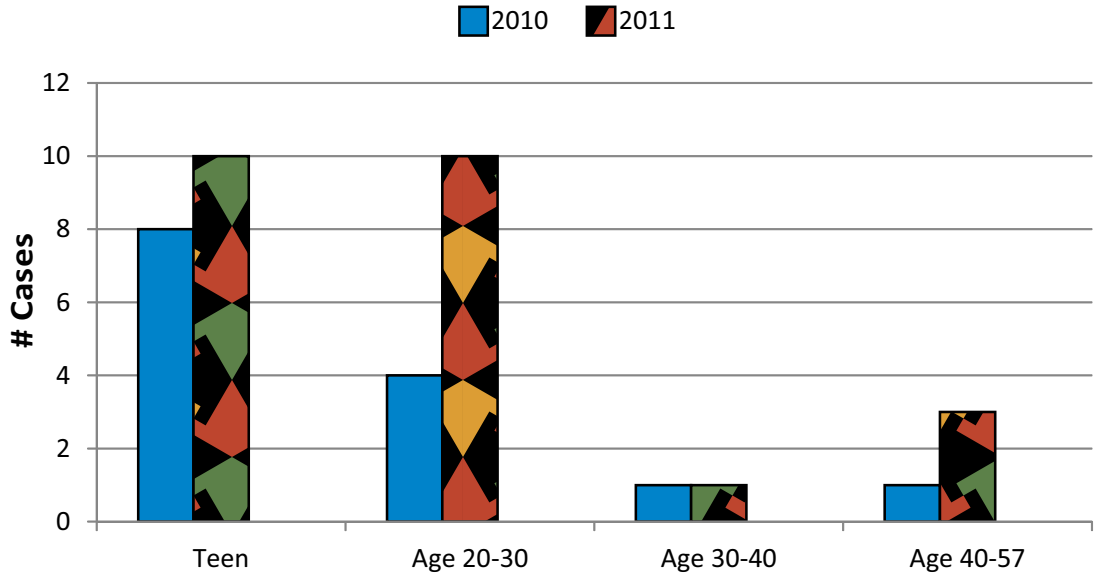
- In 2010, there were 303 cases nationwide (23 of these were in Florida).
- In 2011, there were 6,072 cases nationwide (165 of these were in Florida).

Bath Salts Toxicity: Most Common Signs and Symptoms

The most common signs and symptoms of bath salt use are:

- Agitation
- Combative
- Fast Pulse
- Delusions and Paranoia
- Chest Pain
- High Blood Pressure
- Dilated Pupils

Figure 24. K-2/Spice Use in Pasco County by Age



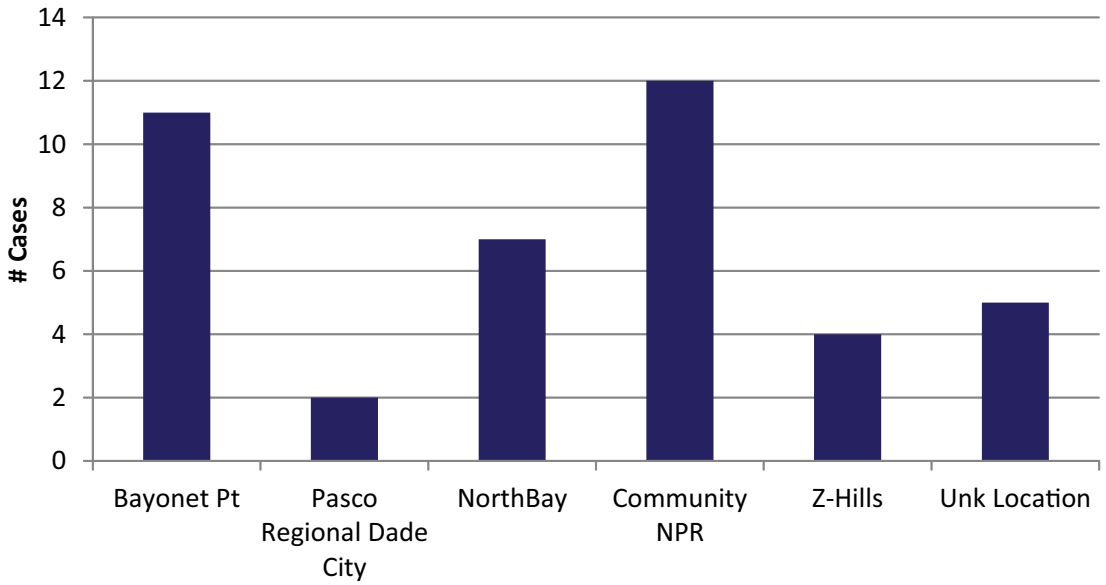
Note. Data obtained from Florida Poison Control

Side effects of K2/Spice include:

- Mild effects may include rapid pulse, dizziness, vomiting, drowsiness, headache, and/or hyperventilation.
- Moderate effects may include minor symptoms plus high blood pressure, urine retention, confusion, slurred speech, hallucinations, agitation, fainting, dilated pupils, pain, or seizures.



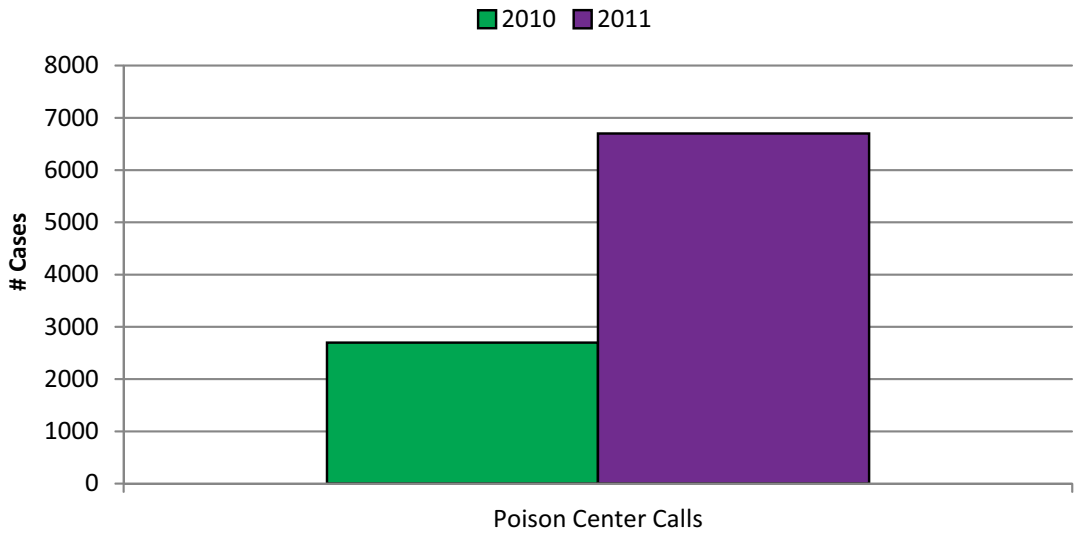
Figure 25. K-2/Spice Cases by Hospital Location



Note. Data obtained from Florida Poison Control

- More calls of K2/Spice were made to Poison Control from the west side of Pasco County.

Figure 26. K-2/Spice Use Nationwide



Note. Data obtained from Florida Poison Control

- There was an increase (over 100%) of poison center calls from 2010 to 2011 nationwide.

Treatment Data

Table 17. Admission to Substance Abuse Treatment

	Pasco County				
	FY 2007/2008	FY 2008/2009	FY 2009/2010	FY 2010/2011	FY 2011/2012
Adults					
Residential	50	53	85	94	102
Outpatient	526	749	1092	1174	1233
Detox	477	508	734	608	515
Youth					
Residential	45	36	65	62	56
Outpatient	109	161	97	76	95

Note. Data obtained from BayCare Behavioral Health

- Adult residential admissions increased slightly from 85 admissions in 2010 to 102 admissions in 2012; adult outpatient remainded fairly consistent from 1092 admissions in 2010 to 1233 admissions in 2012.
- Youth residential admissions remained fairly steady from 65 admissions in 2010 to a slight decrease of 56 in 2012; youth outpatient decreased slightly from 97 admissions in 2010 to 76 in 2011 then increased back up to 95 admissions in 2012.

Figure 27. Adult Admissions to Pasco County Substance Abuse Providers

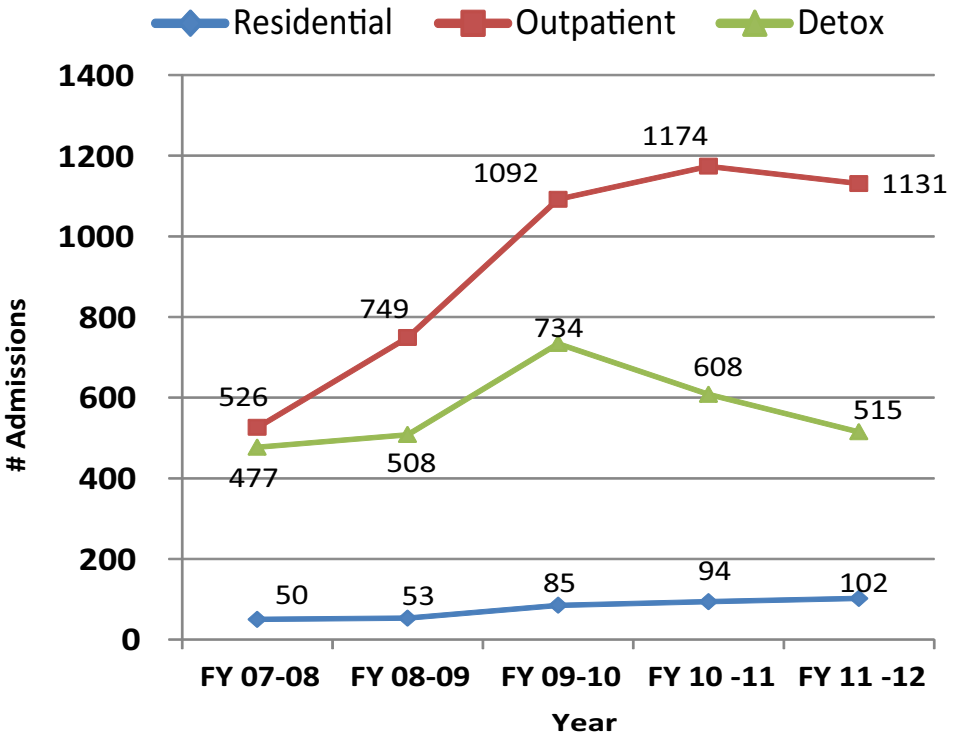


Table 18. Admission Data on Drug of Choice for Adults and Youth in Pasco County

Drug of Choice	Adult and Youth Drug of Choice					
	2009 - 2010		2010 - 2011		2011 - 2012	
	Primary	Secondary	Primary	Secondary	Primary	Secondary
Opiates/Prescription Drugs	587	202	1147	589	968	532
Alcohol	252	114	498	259	401	217
Marijuana	242	158	496	315	388	274
Cocaine/Crack	82	91	112	160	106	109
Metamphetamine	56	6	64	73	12	49

Note. Data obtained from the Baycare Behavioral Health Network

- Opiates/Prescription Drugs continue to increase as primary drug of choice. Four percent increase from 2010 to 2012.
- Methamphetamine as primary drug of choice at admission decreased from 5% in 2010 to 1% in 2012.
- Alcohol, marijuana, and cocaince/crack are consistent across the past three years with alcohol and marijuana at about 21% and cocaine/crack about 6%.



The ASAP Youth Initiative Safe Teens AgaiNst Drugs - STAND participated in many events in 2012. "The Best Me is Drug Free" was the slogan for Red Ribbon Week 2012 and here are a few of the members gathering signatures from classmates to be drug free.

STAND also launched a Tag Your Influence campaign and FaceBook page encouraging youth the tag the influence that keeps them drug free.



Appendix A: Who are Pasco's Impaired Drivers? The Current Results of the Last Drink Survey

They are:

- Male (67%)
- White (85%)
- Between 30 – 49 years of age (23% in both the 30 -39 & 40-49 age groups), 6% are under 21

They consumed:

- Alcohol Only 79%
- Drugs Only 14%
- Alcohol and Drugs 7% (When BAC level is above .08 drugs are not tested.)
- Had 5 or more drinks (39%)
- Most likely at a club, bar or restaurant (51%) before arrest, 12% advised they were at a house party
- Beer was the most popular (62%) alcoholic beverage followed by mixed drinks (29%)
- Prescription drugs were the most common drug used (19%)

Arrested:

- They were most likely arrested on a Friday (22%) or a Saturday (20%)
- Had a BAC of .15 or Higher (30%)
- 39% refused to take a breath and/or a urine test
- For 91% it was their first offense
- They drove less than 5 miles before being arrested (67%)
- 57% were arrested by the Pasco Sheriff's Office
- 56% didn't think about getting arrested prior to arrest

Consequences:

- The loss of driver's license (57%) and financial costs (54%) were the greatest consequence of arrest.

The last drink survey is a self report survey completed by persons arrested for DUI and participating in the DUI Offender Program. It is nearing 1100 completed surveys submitted by impaired drivers in Pasco County. This a snapshot of survey highlights, for a complete survey contact Pasco ASAP.

Appendix B: Pasco County Last Drink Assessment

Variable	Number
1. Gender	
Male	735
Female	364
2. Age	
Under 21	65
21 - 25	149
26 - 29	126
30 - 39	251
40 - 49	257
50 - 59	177
60 and above	84
3. Race	
White	941
Black	26
Hispanic	107
Asian/Pacific Islander	14
Native American	7
Multi-Racial	14
4. Program	
First Time Offender Program	762
Multiple Offender Program	340
5. Were you required to attend substance abuse treatment	
Yes	459
No	535
6. Were you arrested for DUI because of your use of	
Alcohol only	820
Illegal and/or precription drugs only	144
Combination of alchohol and drugs	69
7. How many times have you been arrested for DUI, including this arrest?	
1 - 2	925
3 - 4	90
5 or more	6
8. Day of arrest	
Sunday	126
Monday	67
Tuesday	86
Wednesday	116
Thursday	154
Friday	211
Saturday	191

Appendix B: Last Drink Assessment

Variable	Number
9. For alcohol related arrests, what was your blood alcohol level (BAC)?	
0.05 - 0.07	50
0.08 - 0.10	80
0.11 - 0.12	72
0.13 - 0.14	62
0.15 or higher	260
Refusal	336
10. One the day or your arrest, what was the total number of alcoholic drinks you had that day?	
1 - 2	137
3 - 4	348
5 or more	378
Drugs only	100
11. Approximately how many miles did you drive from the location of your last drink before being stopped?	
1 - 5 miles	639
6 - 10 miles	146
11 -15	71
16 or more miles	94
12. What law enforcement agency stopped you?	
Local Police Department	225
Pasco Sheriff's Office	596
Florida Highway Patrol	155
Other	78
13. Did you have any passengers in the vehicle with you when stopped?	
Yes	283
No	776
14. Did your DUI arrest involve a traffic crash?	
Yes	230
No	827
15. What was the location of your last drink before you were arrested?	
Your own residence	156
At someone else' residence	205
At a club, bar, or restaurant	505
At a speciat event (Gasparilla, Chaso, Guavaween)	13
Other	10
16. If your last drink before you were arrested was at a residence, were there more than 10 people there?	
Yes	98
No	523
Last drink was not a a residence	115

Variable	Number
17. If your last drink before you were arrested was at a residence, would you consider it a house party?	
Yes	84
No	475
Last drink was not at a residence	117
18. Were individuals under the age of 21 served alcohol?	
Yes	65
No	660
19. County of last drink:	
Pasco	811
Hillsborough	79
Hernando	14
Pinellas	39
Other	16
20. Was proof of age required by bartender / server?	
Yes	326
No	519
21. At the location you were drinking right before you were arrested, how many hours were you there?	
0 - 3 hours	583
4 - 6 hours	262
7 or more hours	104
22. At the location you were drinking right before you were arrested, what type of drinks did you have?	
Beer	565
Wine	70
Shots of alcohol	169
Mixed drinks	262
Energy drinks	26
23. Did any of the following occur at the location of your last drink prior to your arrest?	
Someone suggested I take a bus/taxi	41
Someone encouraged me to call a friend to pick me up	46
Someone tried to take my car keys to prevent me from driving	50
Someone offered to call a cab	16
Someone offered to give me a ride	45
I was escorted out of the location	7
I was asked to leave the location	16
I was refused service by the bartender/server	6
Someone recommended that I wait before driving	58
Someone recommended that I not drive	98

Appendix B: Last Drink Assessment

Variable	Number
24. On the day/night of your arrest, were you drinking at any other locations before the location of ...	
Yes	195
No	786
25. On the day/night of your arrest, were you using any of the following drugs, besides alcohol	
Prescription drugs	197
Marijuana	83
Cocaine	22
Meth	5
Heroin	2
None	740
Other	23
26. On the day/night of your arrest before you were driving, how likely did you think it was that you ...	
Didn't think about it	581
Very unlikely	353
Somewhat likely	69
Very likely	31
27. What has been the greatest consequence of your being arrested/convicted for DUI?	
Impact on job	245
Impact on family	356
Loss of driver's license	599
Financial costs	561
Having the conviction on my record	345
Jail time	201
Other	50
28. What do you think would help prevent people from getting a DUI?	
Fines/arrest for people that host underage drinking parties	350
No/fewer drinking games at parties	161
No/fewer games at bars/clubs	147
No/fewer drink specials at bars/clubs	155
More availability of food at bars/clubs	220
Training bar/club employees on responsible alcohol service	338
Bartenders using only measured amounts of alcohol (shots) so drinkers can accurately know how much they've had to drink	189
Security personnel at bars/clubs that pay attention and deal with intoxicated customers	388

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