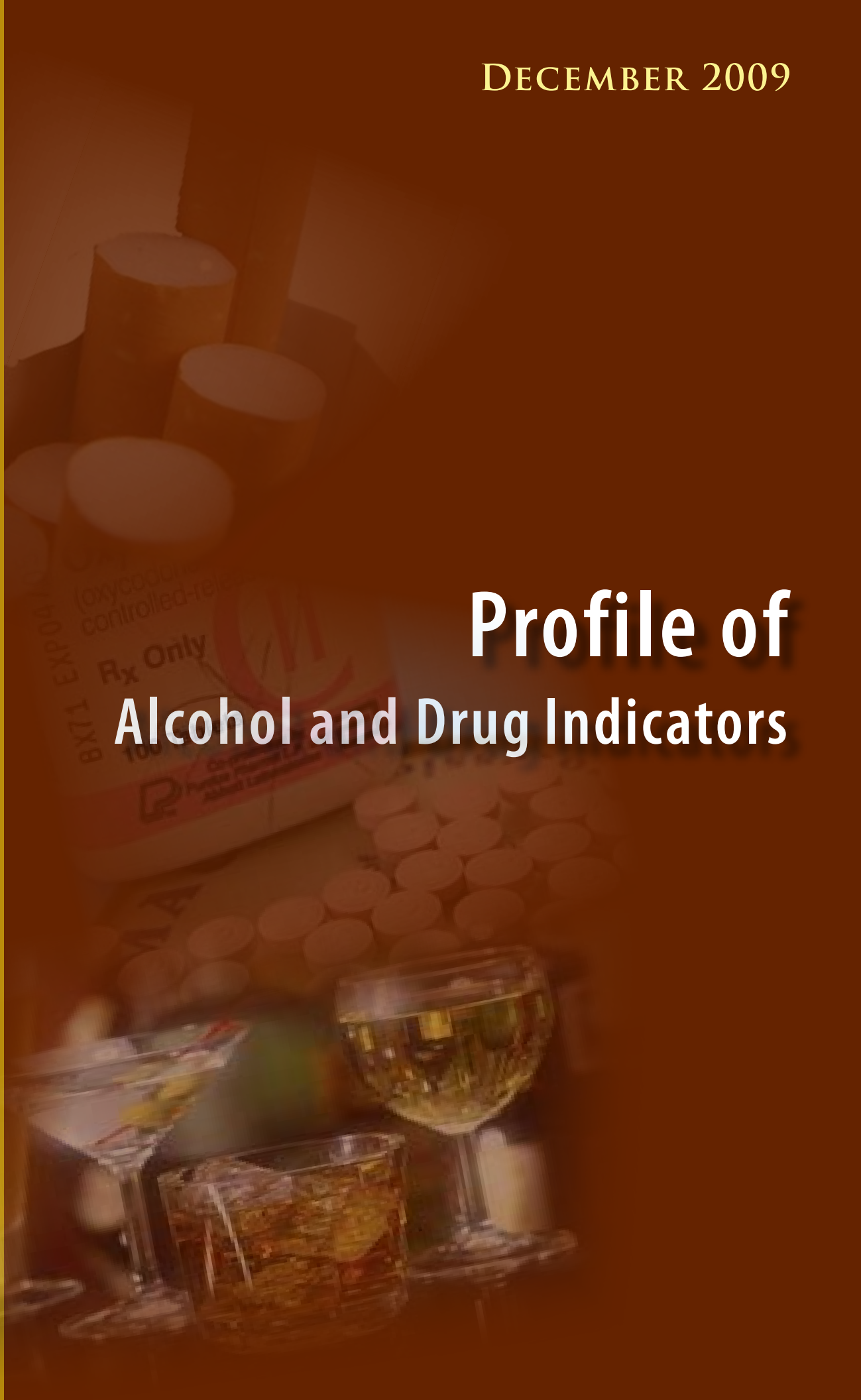
Pasco County Alliance for Substance Abuse Prevention

December 2009



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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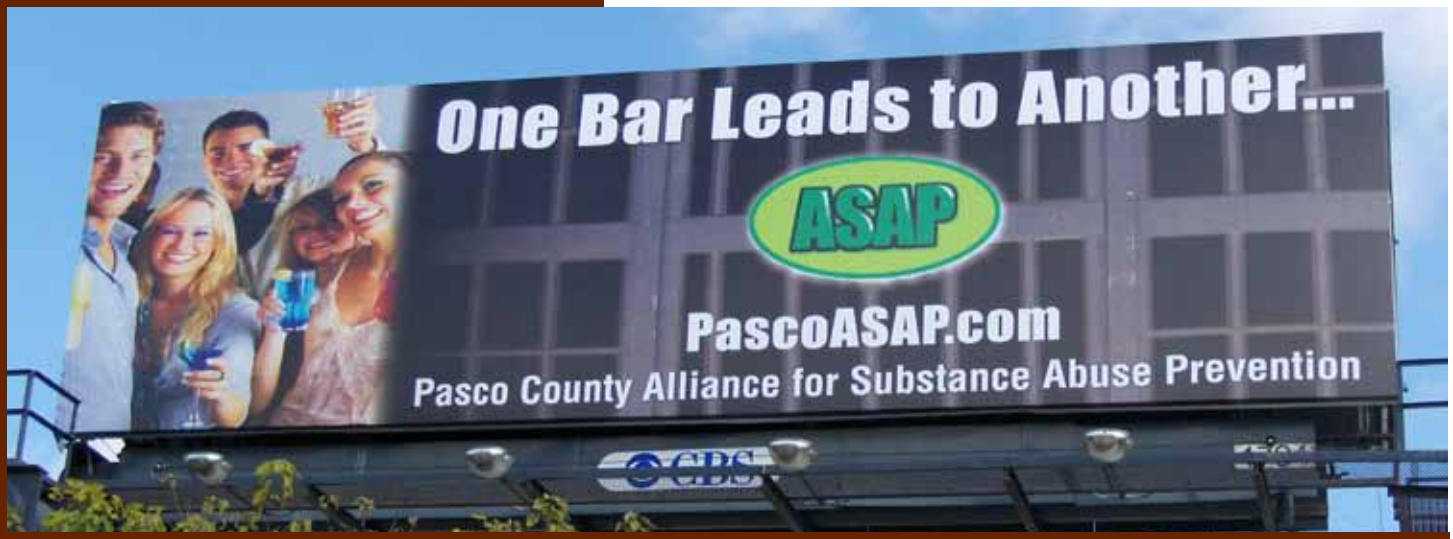
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History

The Pasco County Alliance for Substance Abuse Prevention (ASAP) was formed in 2006 with the mission "to develop, motivate, and encourage strategic relationships that reduce county wide risk factors and decrease substance abuse among youth and adult." Our membership has continued to grow and currently includes representatives from Youth and Family Alternatives, Pasco County Sheriff's Office, Pasco County School Board, Prevention Initiatives, Public Defender's Office, State Attorney's Office, Pasco County Department of Health, BayCare Behavioral Health, Saint Leo University, Pasco Hernando Community College, New Port Richey Police Department, DUI School, Department of Juvenile Justice, WTOG-TV CW-44, Department of Children & Families, University of South Florida's Louis de la Parte Florida Mental Health Institute, DACCO, and Central Florida Behavioral Health Network. The collective efforts of coalition members focus on reducing substance abuse among youth and adults by establishing and strengthening collaboration among communities, private non-profit agencies and Federal, State, local and tribal government, addressing the factors in a community that increase the risk of substance abuse, promoting the factors that minimize the risk of substance abuse, and to enhance parents'/caregivers' ability to communicate with their children around substance abuse issues.

Acknowledgements

This research project was conducted as part of a community substance abuse assessment on behalf of the Pasco County Alliance for Substance Abuse Prevention (ASAP). We would like to express our appreciation to Kathleen A. Moore, Ph.D. and M. Scott Young, Ph.D., from the Department of Mental Health Law and Policy, Louis de la Parte Florida Mental Health Institute, at the University of South Florida for their work to coordinate the assessment and evaluation of the Substance Abuse indicators for Pasco County. Several local agencies contributed data, including the Pasco County District School Board, Pasco County Sheriff's Office, and treatment data provided by BayCare Behavioral Health. Finally, thanks to Carrie Wagner from the University of South Florida for her assistance with the graphic design and layout of this report.



ASAP is currently sponsoring three billboards on US 19. Two can be spotted when traveling North on the West side of US 19 -- one is 600 feet South of Moog Road and the other is 2000 feet North of Ridge Road (before Haverty's and Red Lobster). The third billboard can spotted when traveling South on the East side of US 19 (100 feet North of Moog Road).

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Executive Summary

Alcohol has the highest prevalence of use of any substance in Pasco County and throughout the nation. Local and national news stories have recently reported on increased rates of prescription drug abuse. Pasco County data indicates that rates of prescription drug misuse by middle school students are increasing, and local Medical Examiner data indicate that prescription drugs are the leading cause of overdose deaths. To address alcohol prevalence, the Pasco County Alliance for Substance Abuse Prevention (ASAP) supports: DUI law enforcement operations including last drink surveys, DUI Counterattack, DUI media coverage, alcohol awareness programs, improved alcohol policies and community coalitions' collaborative efforts to reduce impaired driving and crashes, including the Community Traffic Safety Team (CTST) and Mothers Against Drunk Driving (MADD). In 2010, ASAP will focus on issues related to prescription drug abuse, working closely with the local prescription drug taskforce. One of the recent information gathering tools implemented by Pasco County law enforcement agencies is the "Last Drink Vendor Survey". When a person is arrested for DUI, a last drink survey card is filled out at the time of arrest that includes the location where the person took their last drink. This information is used to coordinate enforcement efforts, both with the Sheriff's Office, Florida Highway Patrol, and the Department of Alcoholic Beverages and Tobacco. The information is also used to contact vendors about the benefits of Responsible Vendor Training.

Large scale survey data from the Florida Youth Substance Abuse Survey (FYSAS) indicate that in 2008, alcohol was the substance most used by Pasco County middle and high school students, followed by marijuana and cigarettes. However, past 30-day rates of student alcohol use decreased in Pasco County from 2006 to 2008, similar to statewide rates during this same period. Likewise, other drug use rates in Pasco County decreased or remained steady including cigarettes, marijuana, inhalants, and other illicit drug use. Middle school students reported increased rates of selling drugs, although less middle and high school students reported being drunk or high at school in 2008 compared to 2006. The Pasco County Alliance for Substance Abuse Prevention (ASAP) and its community partners including treatment agencies, school board, law enforcement, and media partners will continue to work together to try and reduce substance abuse among youth.

Report Highlights

Criminal Justice Indicators

- DUI arrests for Pasco, Manatee, and Florida statewide increased from 2006 to 2008.
- Pasco County's drug/narcotic arrests peaked in 2008 whereas reductions were seen in Manatee County and Florida statewide.
- Pasco's liquor law violations more than doubled in 2008 whereas reductions were seen in Manatee County and Florida statewide.

Adult Prevalence Rates

- Local area adult alcohol use, heavy drinking, and binge drinking all decreased from 2007 to 2008, and local rates for heavy drinkers are lower than statewide rates.
- Local area adult tobacco use decreased dramatically from 2007 to 2008, but it is still slightly higher than the statewide rate.
- District 6 (Pinellas and Pasco Counties) has higher rates of alcohol use compared to statewide and national data for 2004-2006.
- District 6 has higher rates of smoking and tobacco use than statewide and national data. District 6 also has a lower reported perceived risk of smoking than statewide or national data for 2004-2006.

- District 6 has a rate of marijuana use similar to Florida's rate, but less than the national rate for 2004-2006.
- District 6 has lower rates of illegal drug use compared to statewide and national rates for 2004-2006.

Adolescent Prevalence Rates

- Pasco County's past month use of any alcohol decreased from 2004 to 2008, similar to Florida statewide.
- Pasco County's past month alcohol use and binge drinking decreased among middle school students from 2002-2008.
- Since 2002, Pasco County's high school students had the lowest rates for any alcohol use, binge drinking, cigarettes, inhalants, prescription pain relievers, and prescription amphetamines in 2008.
- Pasco County and Florida Statewide reported lowest rates for use of alcohol, cigarettes, marijuana, and inhalants in 2008.
- Pasco County middle and high school reported their lowest lifetime rates of alcohol use in 2008.
- In general, except for inhalants, lifetime rates for alcohol and drug use double from middle to high school.
- The rates of Pasco County and Florida statewide high school students who started using alcohol, cigarettes, or marijuana at or before age 13 generally decreased from 2002-2008.
- There was a steady decrease in the percentage of Pasco County middle school students who reported selling drugs from 2002-2006, but this peaked in 2008. Rates of middle school students who reported being drunk or high at school decreased in 2008.
- For high school students, both selling drugs and being drunk or high at school were lowest in 2008.
- Pasco County has higher rates of alcohol incidents than Manatee County for FY 2007-2008.
- Pasco County has seen a decrease in drug sale incidents whereas Manatee County and Florida statewide have seen an increase for FY 2007-2008.
- There has been a steady increase in drug use incidents for both Pasco and Manatee Counties for FY 2007-2008.
- Pasco County has seen a substantial decrease in tobacco incidents whereas there has been a substantial increase in tobacco incidents in Manatee County for FY 2007-2008.

Mortality Data

- In District 6, the number of deaths (lethal level) caused by alprazolam and oxycodone has increased from 2005-2008.
- In District 6, the number of deaths (non-lethal level) associated with alprazolam, diazepam, oxycodone, and hydrocodone has increased from 2005-2008.
- The number of Pasco County deaths caused by chronic liver disease and cirrhosis increased from 2005 – 2008 and was consistently higher than Manatee County.
- Pasco suicide deaths peaked in 2006, particularly for those aged 55-64 years.
- Pasco suicide deaths are more common among males than females by almost 3:1 ratio.
- Compared to national rates, Florida has a lower rate of high school students who report seriously considering attempting suicide, making a suicide plan, or attempting suicide.

- Pasco County has steadily decreased alcohol-related injuries from 2005 – 2008; alcohol-related crashes have decreased from 2006-2008. These patterns are fairly consistent with Florida statewide and Manatee County.

Treatment Data

- There has been an increase in adult outpatient admissions for BayCare Behavioral Health from Fiscal Year (FY) 2006/07 to FY 2008/09; residential and detox admissions remained fairly consistent for all three years.
- A similar increase for youth outpatient admissions for both BayCare Behavioral Health and Youth and Family Alternatives (YFA) was seen from FY 2006/07 to FY 2008/09.
- The primary drug of choice for youth was marijuana, followed by alcohol, and other opiates.

Area Description

Pasco County is located on the Gulf of Mexico. Pasco is comprised of 744 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 2006 census estimate, the population was 462,715, with 91.0% White, 3.6% Black or African American, 1.8% Asian, and 3.6% other races. Census figures also indicate that 9.2% of Pasco's population report being of Hispanic or Latino origin, the slight majority (51.6%) are female, median age is 42.1 years, and 11% live below the poverty level.

Pasco County Alcohol and Drug Indicator Analysis

Indicator reporting programs are a useful means of gaging 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 target 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. Some of the local data was compared to Manatee County with similar sized populations in metropolitan areas. Other data were compared to state averages. The Indicator Report will be used: (1) to help evaluate the effectiveness of existing substance abuse prevention and treatment programs, alcohol and narcotic law enforcement, substance abuse awareness activities and alcohol and other drug policies, (2) to determine the need for new programs and policies, and (3) to help secure future funding.

Data Sources

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

- Uniform Crime Report (UCR)
- National Center for Disease Control's Behavioral Risk Factor Surveillance System
- National Household Survey on Drug Use and Health (NSDUH)
- Florida Youth Substance Abuse Survey (FYSAS)
- Florida Department of Education
- Florida Department of Law Enforcement (FDLE)

- Florida Office of Vital Statistics
- Centers for Disease Control and Prevention, National Center for Health Statistics
- Centers for Disease Control (CDC), Youth Risk Behavior Surveillance
- Florida Department of Health, Office of Injury Prevention
- Florida Department of Highway Safety and Motor Vehicles (FDHSMV)
- BayCare Behavioral Health
- Central Florida Behavioral Health Network (CFBHN)
- Pasco County Juvenile Assessment Center

ASAP Accomplishments and Activities

- Awarded a five-year Drug Free Communities Grant for $600,000 funded by the Substance Abuse and Mental Health Services Administration (SAMHSA)
- Awarded a two-year Substance Abuse Response Guide (SARG) Grant for $200,000 funded by the Department of Children and Families (DCF)
- Supported a successful Department of Children and Families Prevention Partnership Grant written by and awarded to BayCare Behavioral Health and Youth and Family Alternatives
- Town Hall Meeting titled "What is Drinking Doing to Me?"
- Assistance with overtime hours for DUI checkpoints through the Pasco County Sheriff's Office
- Key members attended the Underage Drinking Conference in Dallas, Texas
- Sgt. Rowand with the Pasco County Sheriff's Office became part of the statewide SAFE training team for festival and event assessments, party dispersal training, and DUI training for law enforcement
- ASAP looks to continue the success in 2010 with Responsible Beverage Server Training to bar and festival employees, compliance checks for alcohol vendors, and development of marketing materials to increase the visibility of ASAP's accomplishments in Pasco County.



From left to right: Sheriff Bob White, ASAP Chair Tracey Kaly, and Vice Chair Art Rowand.

Criminal Justice Indicators

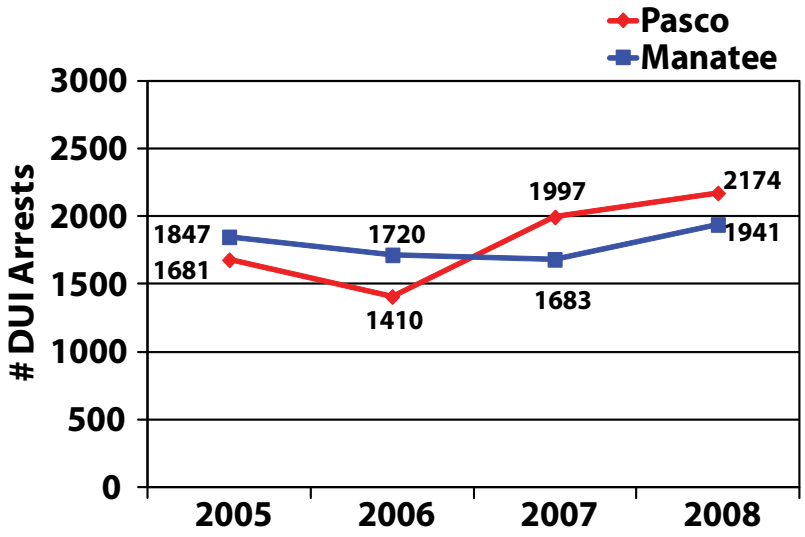
Table One. Alcohol- and Drug-Related Offense and Arrest Data

	Pasco County				Manatee County				Statewide			
Indicator	**2005**	**2006**	**2007**	**2008**	**2005**	**2006**	**2007**	**2008**	**2005**	**2006**	**2007**	**2008**
UCR Data[1]												
DUI Arrests	1,681	1,410	1,997	2,174	885	505	671	1,200	57,571	55,278	58,824	61,852
Drug / Narcotic Arrests	1,847	1,720	1,683	1,941	2,692	2,715	2,179	2,153	160,649	168,119	169,360	159,916
Liquor Law Violations	73	38	30	69	96	117	90	65	33,135	32,137	34,898	33,084

[1] Uniform Crime Report (UCR) data retrieved through FDLE website: http://www.fdle.state.fl.us/FSAC/data_statistics.asp

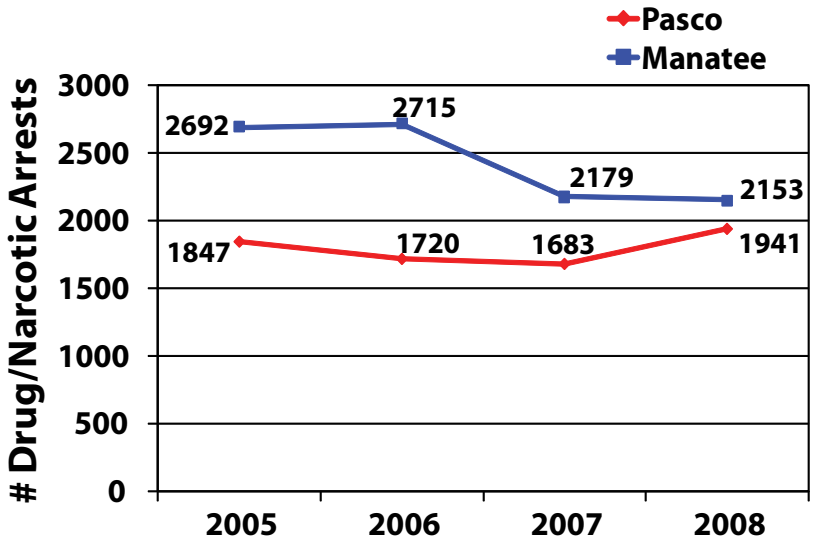
- DUI arrests for Pasco, Manatee, and Florida statewide increased from 2006 to 2008, peaking in 2008.
- Pasco County's drug/narcotic arrests peaked in 2008, whereas Manatee County and Florida statewide experienced reductions in this area in 2008.
- In 2008 Pasco's liquor law violations more than doubled, whereas reductions were seen in Manatee County and Florida statewide.

Figure One. Comparison of Pasco and Manatee County DUI Arrests



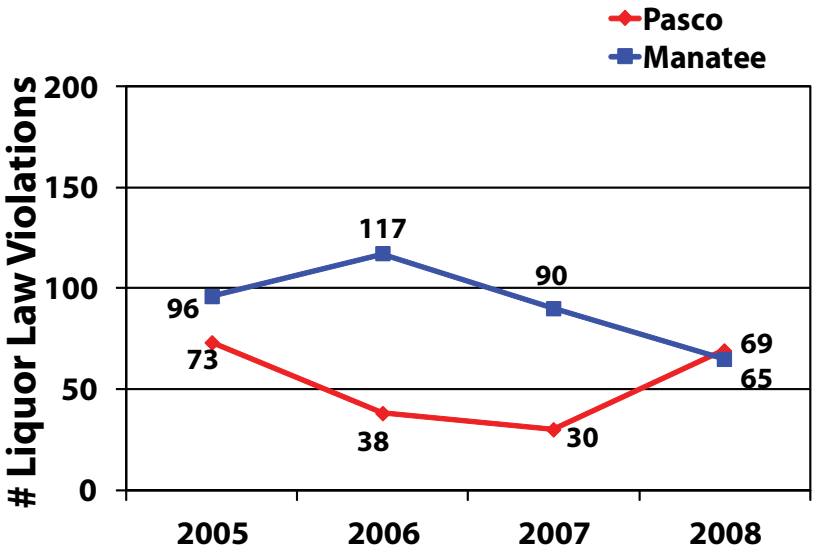
Note. Data are from the Uniform Crime Report (UCR).

Figure Two. Comparison of Pasco and Manatee County Drug/Narcotic



Note. Data are from the Uniform Crime Report (UCR).

Figure Three. Comparison of Pasco and Manatee County Liquor Law Violations



Note. Data are from the Uniform Crime Report (UCR).

General Population Surveys: Adult Prevalence Rates

Table Two. Behavioral Risk Factor Surveillance System Data

	Pasco County		Florida Statewide	
	2002	2007	2002	2007
Alcohol				
% of adults who engage in heavy or binge drinking	19.6%	15.7%	16.4%	16.2%
Tobacco				
% of adults who are current smokers	26.0%	30.4%	22.2%	19.3%
% of adults who are former smokers	33.2%	24.4%	--	26.2%
% of adults who have never smoked	40.8%	45.2%	--	54.5%
% of non-smoking adults who were exposed to secondhand smoke in the past seven days	--	15.4%	--	14.9%

Note. "--" means that this item was not asked on the survey; data retrieved from Behavioral Risk Factor Surveillance System http://www.doh.state.fl.us/Disease_ctrl/epi/BRFSS_Reports/BRFSS_Index.htm

- In 2007 Pasco had lower rates of adult heavy or binge drinking as compared to Florida's statewide rates.
- Compared to Florida's statewide data, in 2007 Pasco had a much higher rate of adult current smokers.

Table Three. National Survey on Drug Use and Health Prevalence Data for Persons Aged 12 and Older

	2004, 2005, and 2006		
	District 6[1]	FL Statewide	National
Alcohol			
Use, Past Month	53.5%	52.2%	51.0%
Binge Use, Past Month	21.2%	21.9%	22.8%
Perceptions of Great Risk of Having ≥5 Drinks Once or Twice a Week	43.2%	44.7%	41.5%
Cigarettes			
Use, Past Month	26.3%	23.4%	25.0%
Any Tobacco Product Use, Past Month	30.8%	28.4%	29.5%
Perceptions of Great Risk of Smoking One or More Packs per Day	73.9%	76.2%	74.1%
Marijuana			
Use, Past Month	5.7%	5.7%	6.1%
Annual Rate of First Use	1.3%	1.4%	1.7%
Perceptions of Great Risk of Smoking Marijuana Once a Month	40.8%	43.0%	39.2%
Other Illicit Drugs			
Use, Past Month	7.2%	7.9%	8.1%
Illicit Use Other Than Marijuana, Past Month	3.2%	3.9%	3.7%
Cocaine Use, Past Year	2.3%	2.6%	2.4%
Nonmedical Use of Pain Relievers, Past Year	4.4%	5.0%	4.9%

[1]District 6 includes Pasco and Pinellas Counties. NSDUH data are reported as annual averages, http://oas.samhsa.gov/metro.htm

- Alcohol: District 6 has higher rates of alcohol use compared to statewide and national data.
- Cigarettes: District 6 has higher rates of smoking and tobacco use than statewide and national data. District 6 also has a lower reported perceived risk of smoking than statewide or national data.
- Marijuana: District 6 has a rate of marijuana use similar to Florida's rate, but less than the national rate.
- Illicit drugs: District 6 has lower rates of illegal drug use compared to statewide and national rates.

General Population Surveys: Adolescent Prevalence Rates

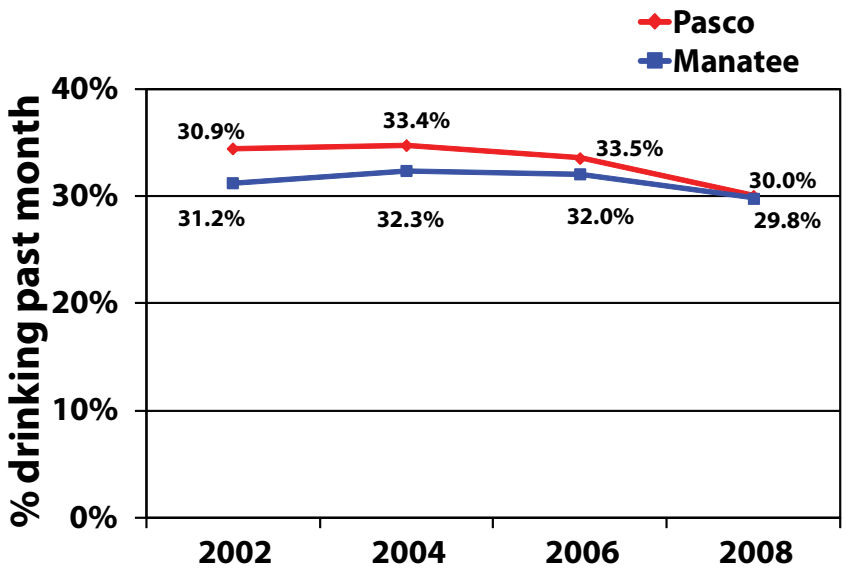
Table Four. Students Reporting Past 30-Day Use of Selected Drugs

	Pasco County				Florida Statewide			
Drug Type	**2002**	**2004**	**2006**	**2008**	**2002**	**2004**	**2006**	**2008**
Any Alcohol	34.4%	34.7%	33.5%	30.0%	31.2%	32.3%	32.0%	29.8%
Binge drinking	18.2%	18.7%	20.3%	15.8%	16.0%	16.0%	16.8%	14.8%
Cigarettes	15.8%	13.4%	12.8%	12.3%	11.4%	11.4%	10.6%	9.1%
Smokeless tobacco	3.4%	3.4%	5.2%	---	3.9%	3.7%	4.6%	---
Marijuana	13.8%	13.0%	13.6%	12.9%	12.1%	11.5%	11.4%	11.1%
Inhalants	3.0%	3.8%	5.2%	2.3%	3.6%	4.2%	3.9%	3.5%
Any illicit drug	17.0%	17.2%	17.4%	16.2%	15.5%	15.8%	15.0%	15.8%
Any illicit except marijuana	8.3%	9.4%	9.4%	8.4%	7.5%	8.0%	7.3%	8.9%
Alcohol or any illicit drug	38.0%	38.1%	37.0%	34.0%	34.8%	36.1%	35.4%	33.9%
Prescription Pain Relievers	12.7%	13.0%	12.0%	10.8%	3.5%	3.3%	3.2%	3.2%
Prescription Amphetamines	4.9%	3.0%	5.3%	2.7%	1.4%	1.3%	1.4%	1.2%

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

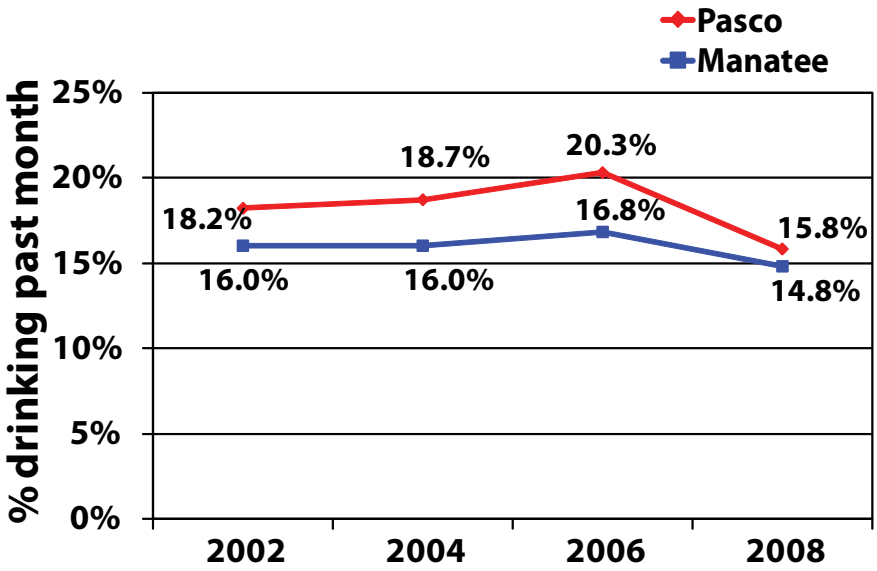
- Like Florida's statewide rates, Pasco County's past month use of any alcohol decreased from 2004 to 2008.
- In 2006 Pasco County's past 30-day use rates of binge drinking, smokeless tobacco, inhalants, and any illicit drug use were at their peak, while the statewide rate for binge drinking and smokeless tobacco also peaked during that year.

Figure Four. Past 30-Day Middle and High School Alcohol Use: Pasco County vs. Florida Statewide



Note. Data are from the Florida Youth Substance Abuse Survey (FYSAS).

Figure Five. Past 30-Day Middle and High School Binge Drinking: Pasco County vs. Florida Statewide



Note. Data are from the Florida Youth Substance Abuse Survey (FYSAS).

Table Five. Pasco County Students Reporting Past 30-Day Use of Selected Drugs

	Middle School				High School			
Drug Type	**2002**	**2004**	**2006**	**2008**	**2002**	**2004**	**2006**	**2008**
Any Alcohol	20.8%	19.3%	16.6%	15.1%	45.8%	47.5%	46.4%	42.0%
Binge drinking	8.8%	8.6%	8.2%	6.0%	26.0%	26.8%	29.4%	23.7%
Cigarettes	8.4%	5.9%	6.8%	5.9%	21.9%	19.7%	17.5%	17.4%
Smokeless tobacco	2.1%	3.1%	3.5%	---	4.6%	3.8%	6.4%	5.5%
Marijuana	7.0%	4.9%	5.5%	4.7%	19.4%	19.4%	19.5%	19.5%
Inhalants	4.1%	5.7%	5.1%	3.8%	2.0%	2.3%	5.2%	1.1%
Any illicit drug	11.6%	11.6%	10.1%	8.6%	21.5%	21.6%	22.8%	22.3%
Any illicit except marijuana	7.0%	8.5%	6.9%	6.5%	9.3%	10.2%	11.1%	9.9%
Alcohol or any illicit drug	24.7%	24.6%	20.0%	18.0%	49.3%	49.4%	49.9%	47.0%
Prescription Pain Relievers	2.6%	1.8%	2.4%	3.2%	8.4%	9.5%	6.9%	3.8%
Prescription Amphetamines	1.1%	1.4%	.8%	.6%	1.1%	1.5%	2.2%	.8%

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

- From 2002 – 2008 past month alcohol use and binge drinking decreased among middle school students.
- Among high school students, 2008 had the lowest rates for any alcohol use, binge drinking, cigarettes, inhalants, prescription pain relievers, and prescription amphetamines.

General Population Surveys: Adolescent Prevalence Rates

Table Six. Students Reporting Lifetime Use of Selected Drugs

	Pasco County				Florida Statewide			
Drug Type	**2002**	**2004**	**2006**	**2008**	**2002**	**2004**	**2006**	**2008**
Any Alcohol	62.7%	61.1%	57.6%	53.9%	56.5%	57.5%	56.1%	53.2%
Cigarettes	41.1%	38.0%	32.1%	30.4%	36.2%	34.0%	30.6%	23.0%
Smokeless tobacco	11.4%	10.5%	12.0%	---	10.4%	9.6%	10.9%	---
Marijuana	27.8%	27.6%	23.9%	23.5%	23.6%	23.5%	22.5%	21.1%
Inhalants	13.8%	12.2%	13.2%	10.4%	11.6%	12.9%	12.2%	11.4%
Any illicit drug	34.0%	34.9%	31.7%	31.3%	30.9%	31.9%	30.3%	30.4%
Any illicit except marijuana	21.8%	21.4%	19.8%	21.4%	18.8%	19.5%	18.1%	20.7%
Alcohol or any illicit drug	65.3%	64.5%	61.1%	57.3%	59.7%	61.1%	59.5%	57.1%

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 2002 – 2008 fewer Pasco County students reported lifetime use of alcohol, and this downward trend was not seen in Florida's statewide data.
- In 2008, Pasco County and Florida Statewide reported its lowest rates for use of alcohol, cigarettes, marijuana, and inhalants.
- Pasco County lifetime inhalant use was highest in 2002, though the statewide level peaked in 2004.

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

	Middle School				High School			
Drug Type	**2002**	**2004**	**2006**	**2008**	**2002**	**2004**	**2006**	**2008**
Any Alcohol	43.2%	42.1%	37.7%	35.2%	79.0%	77.0%	72.8%	69.1%
Cigarettes	27.7%	25.8%	19.5%	19.9%	52.4%	47.8%	41.7%	38.9%
Smokeless tobacco	8.3%	8.2%	8.3%	---	14.0%	12.4%	14.8%	15.2%
Marijuana	13.6%	12.2%	9.1%	9.3%	39.9%	39.9%	35.1%	34.8%
Inhalants	13.5%	13.4%	13.7%	11.3%	14.0%	10.8%	12.7%	9.8%
Any illicit drug	23.5%	23.1%	20.3%	19.8%	42.8%	44.2%	40.3%	40.6%
Any illicit except marijuana	17.8%	18.0%	15.8%	16.1%	25.2%	23.6%	22.88%	25.7%
Alcohol or any illicit drug	46.9%	47.9%	41.7%	40.2%	80.8%	78.3%	75.9%	71.2%

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

- In 2008 Pasco County middle and high school reported their lowest lifetime rates of alcohol use.
- Lifetime rates of Pasco middle school inhalant use were highest in 2006.
- Except for inhalants, lifetime rates for alcohol and drug use double from middle to high school.

Table Eight. Percentage of 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			
	2002	2004	2006	2008	2002	2004	2006	2008
More than a sip or two of alcohol	38.8%	37.4%	36.3%	33.8%	37.7%	36.8%	35.0%	32.3%
Drinking at least once a month	10.2%	5.8%	8.1%	6.2%	7.3%	7.1%	6.7%	5.9%
Cigarettes	39.6%	27.1%	26.6%	24.7%	31.4%	28.7%	23.9%	19.9%
Marijuana	20.3%	14.1%	13.6%	11.8%	13.4%	13.5%	12.5%	10.6%

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, cigarettes, or marijuana have at or before age 13 generally decreased from 2002-2008.

Table Nine. Percent of Pasco County Students Reporting Past 12 Month Drug-Related Behavior

Drug-Related Behavior	Middle School				High School			
	2002	2004	2006	2008	2002	2004	2006	2008
Selling drugs	2.9%	2.6%	1.8%	3.4%	9.3%	8.9%	9.8%	7.8%
Drunk or high at school	8.3%	6.1%	8.7%	6.7%	19.9%	20.2%	23.1%	17.1%

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

- From 2002 – 2006 there was a steady decrease in the percentage of Pasco County middle school students who reported selling drugs, but this peaked in 2008. Rates of middle school students who reported being drunk or high at school decreased in 2008.
- For high school students, both selling drugs and being drunk or high at school were lowest in 2008.



Multiple billboards were sponsored in part by ASAP in 2009.

General Population Surveys: Adolescent Prevalence Rates

Table Ten. Pasco County School Incident Data

# of Incidences	Pasco County			Manatee County			Florida Statewide		
	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08	2005-06	2006-07	2007-08
Alcohol	45	26	36	25	23	21	1,213	1,225	1,106
Drug sales, excluding alcohol	18	22	14	11	10	15	463	555	670
Drug use/ possession, excluding alcohol	145	156	158	68	78	87	4,725	4,372	4,547
Tobacco	372	340	229	100	57	94	6,337	5,800	5,909

Note. Data obtained from Florida Department of Education http://www.fldoehub.org/schoolsafety/Pages/SESIRTotals.aspx

- Alcohol: In FY 2007/2008, Pasco County has higher rates of alcohol incidents than Manatee County.
- Drug sales: In FY 2007/2008, Pasco County has seen a decrease in drug sale incidents whereas Manatee County and Florida statewide have seen an increase.
- Drug use: There has been a steady increase in drug use incidents for both Pasco and Manatee Counties.
- Tobacco: Pasco County has seen a substantial decrease in tobacco incidents whereas there has been a substantial increase in tobacco incidents in Manatee County.

Table Eleven. Pasco County Juvenile Assessment Center Data 2009

Charges	Pasco County		
	January – March 2009	April – June 2009	July – September 2009
Misdemeanor	166	154	204
Felony	104	146	163
Violent felony	74	74	73
PUO	80	74	65
Court	86	67	67
Total Youth	363	353	391

Note. Data obtained from Pasco County Juvenile Assessment Center

- Misdemeanor and felony charges increased from Jan-March to July-Sept.

Mortality Data

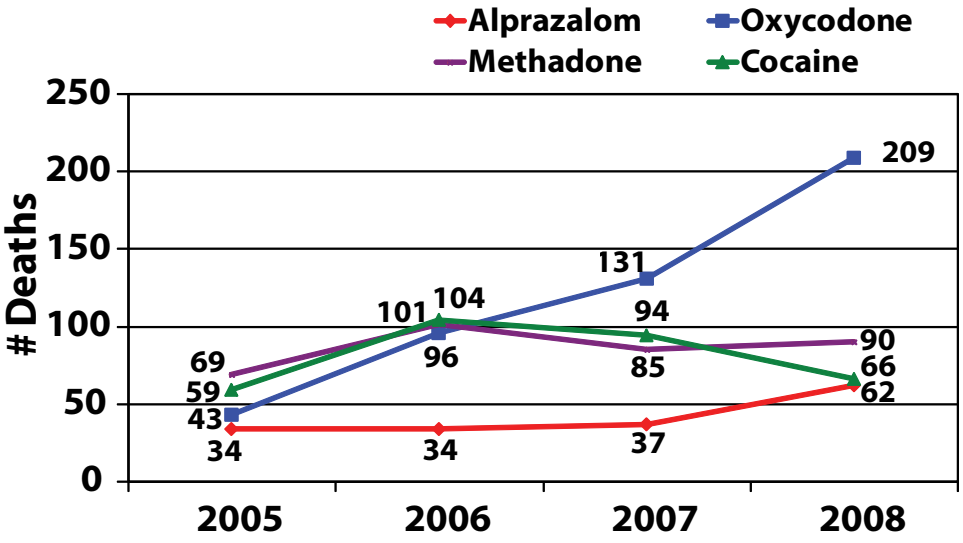
Table Twelve. District 6[1] Drug-Related Deaths by Lethal/Non-Lethal Levels

Drugs	Lethal Levels: Drug Was Cause of Death				Non-Lethal Levels: Drug Was Present			
	2005	2006	2007	2008	2005	2006	2007	2008
Alprazolam	34	34	37	62	58	84	137	188
Diazepam	120	10	11	7	59	82	92	138
Oxycodone	43	96	131	209	41	56	58	99
Hydrocodone	25	33	24	43	42	66	68	69
Methadone	69	101	85	90	21	19	30	28
Morphine	36	34	48	30	15	12	16	19
Propoxyphene	16	7	14	6	18	42	26	38
Cocaine	59	104	94	66	79	81	79	88
Heroin	12	6	11	3	1	1	1	2

[1.] District 6 includes Pasco and Pinellas counties. *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 and oxycodone has increased from 2005-2008.
- The number of deaths (non-lethal level) associated with alprazolam, diazepam, oxycodone, and hydrocodone has increased from 2005-2008.

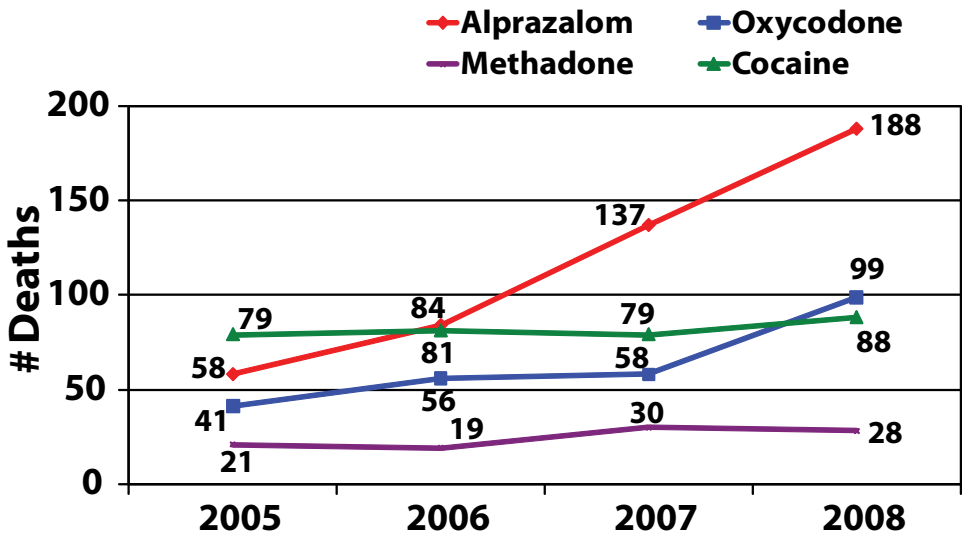
Figure Six. Comparison of Pasco County Drug-Related Deaths by Lethal Level



Note. Data from Florida Department of Law Enforcement, 2008 Report of Drugs Identified in Deceased Persons by Florida Medical Examiners, June 2009: http://www.fdle.state.fl.us/publications/Examiners/2007MERDrugReport.pdf

Mortality Data

Figure Seven. Comparison of Pasco County Drug-Related Deaths by Non-Lethal Level



Note. Data from Florida Department of Law Enforcement, 2008 Report of Drugs Identified in Deceased Persons by Florida Medical Examiners, June 2009: http://www.fdle.state.fl.us/publications/Examiners/2007MERDrugReport.pdf

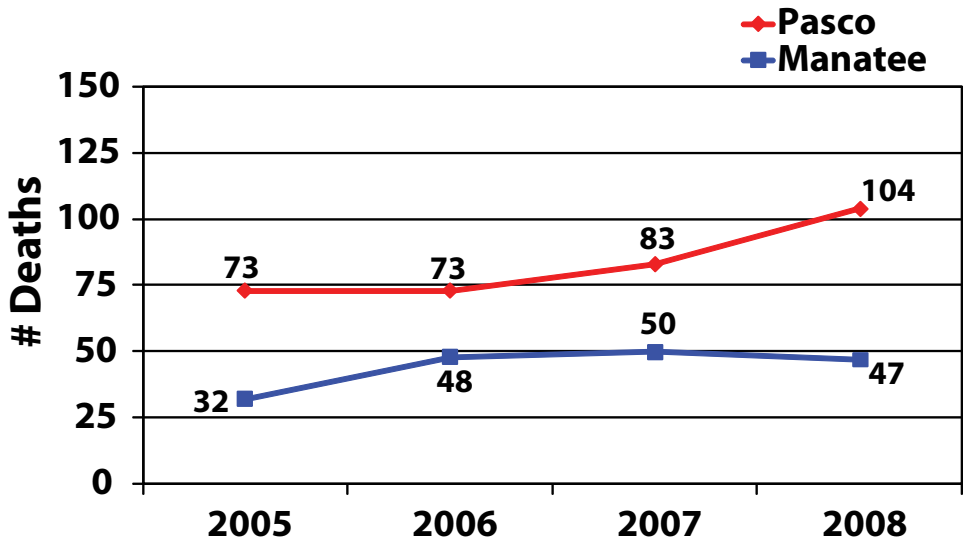
Table Thirteen. Community Health Assessment Resource Tool Set (CHARTS)

	Pasco County				Manatee County			
Chronic Liver Disease and Cirrhosis	**2005**	**2006**	**2007**	**2008**	**2005**	**2006**	**2007**	**2008**
Number of Deaths	73	73	83	104	32	48	50	47
Age-Adjusted Death Rates	13.0	13.4	14.4	17.3	8.2	13.1	12.2	12.0

Note. Data based on Florida Office of Vital Statistics retrieved from http://www.floridacharts.com/charts/chart.aspx

- The number of Pasco County deaths caused by chronic liver disease and cirrhosis increased from 2005 – 2008 and was consistently higher than Manatee county.

Figure Eight. Comparison of Pasco and Manatee County Chronic Liver Disease and Cirrhosis Deaths



Note. Data from Community Health Assessment Resource Tool Set (CHARTS): www.floridacharts.com

Table Fourteen. Pasco County Suicide Deaths by Age Group

Age Group	2001	2002	2003	2004	2005	2006
10-14	1	1	0	0	0	0
15-19	2	1	1	2	1	2
20-24	2	7	4	2	1	8
25-34	11	18	8	7	8	8
35-44	7	15	20	15	13	12
45-54	16	9	17	22	17	17
55-64	5	12	7	8	7	22
65-74	8	5	9	6	7	12
75-84	3	6	2	7	8	3
85+	2	3	5	2	3	1
Total	**57**	**77**	**73**	**71**	**65**	**85**

Note. Florida Vital Statistics Annual Report 2000-2006, Table D-11, extracted 8-5-08.

- Pasco suicide deaths peaked in 2006, particularly for those aged 55-64 years.

Table Fifteen. Pasco County Suicide Deaths by Gender

Year	Deaths by Suicide		Age-Adjusted Rate per 100,00	
	Male	Female	Male	Female
2000	38	10	20.4	5.3
2001	44	13	24.7	7.9
2002	57	19	32.7	9.4
2003	57	15	30.6	7.2
2004	55	16	27.3	7.1
2005	51	14	23.1	5.6
AVG	**50.3**	**14.5**		

Note. Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2005. CDC WONDER On-line Database, compiled from Compressed Mortality File 1999-2005, extracted 9/12/08

- Suicide deaths are more common among males than females.

Mortality Data

Table Sixteen. Youth Risk Behavior Surveillance Suicide Data

Percentage of 2007 High School students who:	Florida	National
Seriously considered attempting suicide	11.2%	14.5%
Made a suicide plan	8.1%	11.3%
Attempted suicide	5.7%	6.9%
Suicide attempt required medical attention	2.1%	2.0%

Note. Center for Disease Control (CDC), Youth Risk Behavior Surveillance, 2008

- Compared to national rates, Florida has a lower rate of high school students who report seriously considering attempting suicide, making a suicide plan, or attempting suicide.

Table Seventeen. 2007 Pasco County Non-Fatal Self-Inflicted Injury Hospitalizations, by Age Group

	Age Group									
Mechanism	**0-14**	**15-24**	**25-34**	**35-44**	**45-54**	**55-64**	**65-74**	**75-84**	**85+**	**Total**
Cut/Pierce	1	2	0	3	6	3	0	0	0	**15**
Firearm	0	0	0	1	0	0	0	0	0	**1**
Fall	0	1	0	0	0	0	0	0	0	**1**
Poisoning	8	72	80	83	97	37	15	10	2	**404**
Suffocation	0	0	0	1	1	0	0	0	0	**2**

Note. Florida Department of Health, Office of Injury Prevention, extracted 9/10/08

- Poisoning was the most common form of self-inflicted injury, particularly for those in the 45-54 age group.

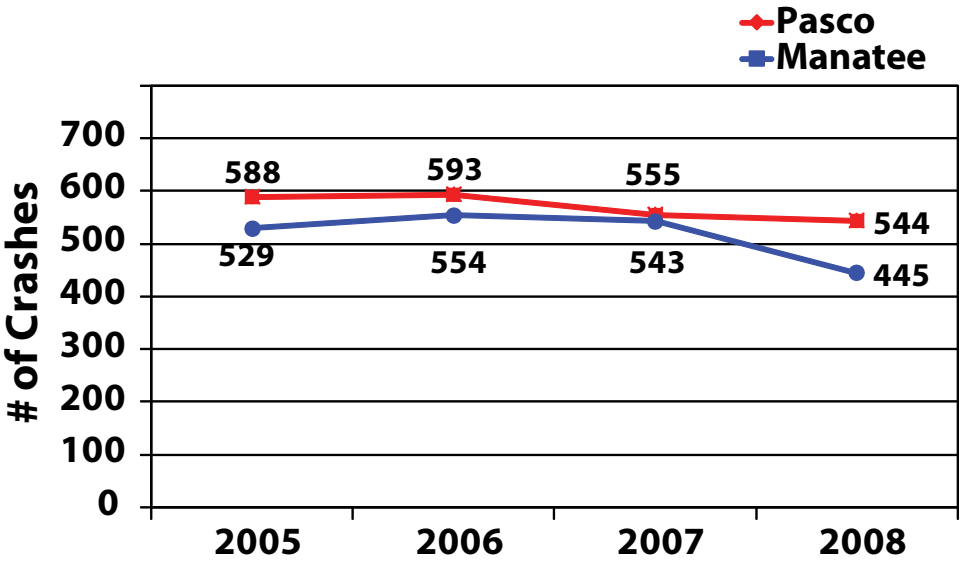
Table Eighteen. Alcohol-Related Crashes, Injuries, and Fatalities

DHSMV Data[1]	Pasco County				Manatee County				Florida Statewide			
Indicator	**2005**	**2006**	**2007**	**2008**	**2005**	**2006**	**2007**	**2008**	**2005**	**2006**	**2007**	**2008**
Crashes	588	593	555	544	529	554	543	445	23,864	22,858	22,823	22,259
Injuries	614	539	496	422	355	356	359	329	17,783	16,319	16,208	15,736
Fatalities	30	38	40	36	27	19	26	25	1,239	1,099	1,244	1,169
TOTAL	1,232	1,170	1,091	1,002	911	929	928	799	42,886	40,276	40,275	39,164

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

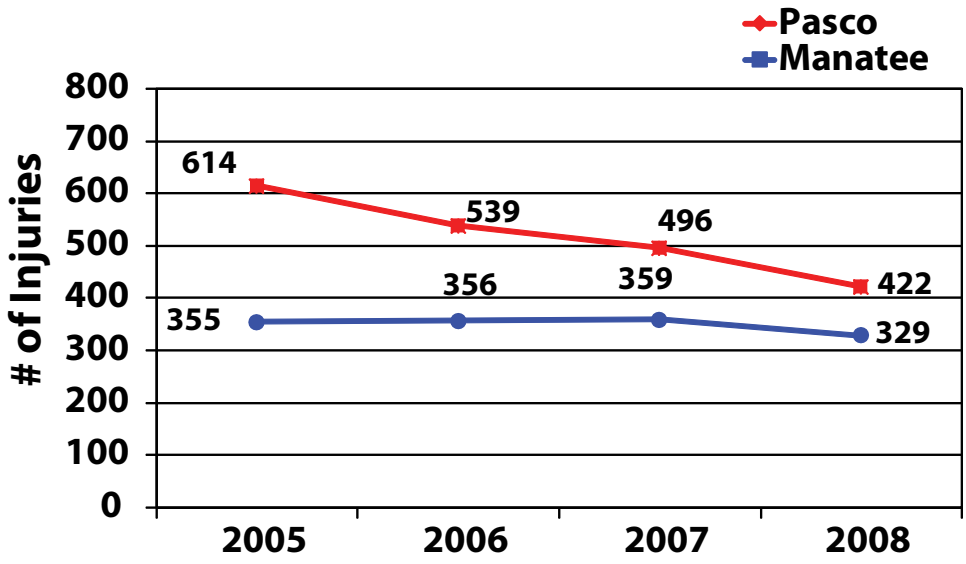
- Pasco County has steadily decreased alcohol-related injuries from 2005 – 2008.
- Alcohol-related crashes had a slight increase from 2005-2006 then decreased from 2006-2008.
- These patterns are fairly consistent with Florida statewide and Manatee County.

Figure Nine. Comparison of Pasco and Manatee Counties Alcohol-Related Crashes



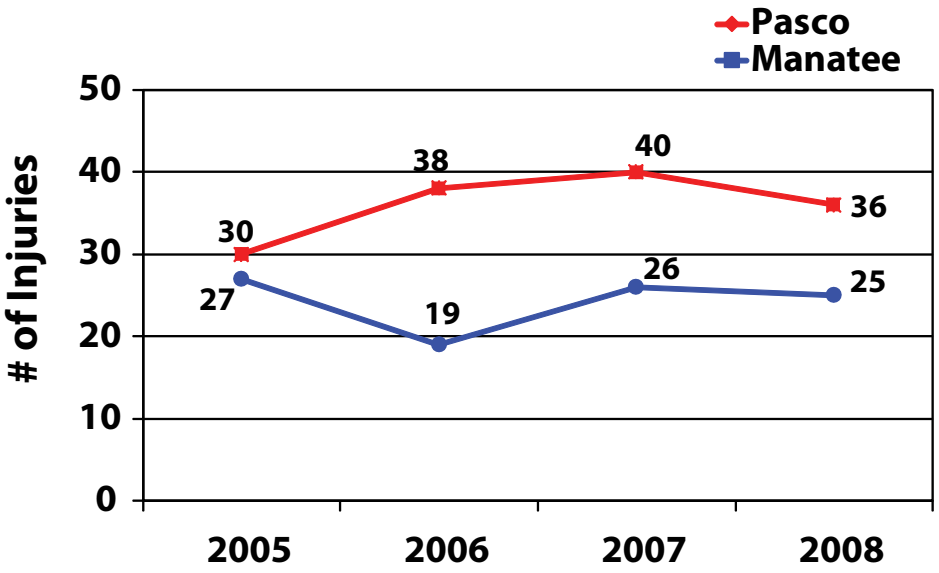
Note. Data obtained from Florida DHSMV.

Figure Ten. Comparison of Pasco and Manatee Counties Alcohol-Related Injuries



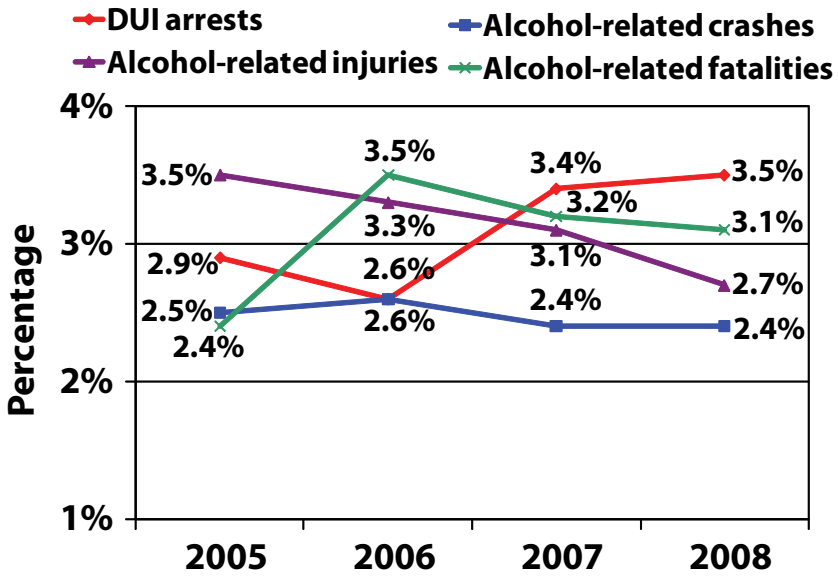
Note. Data obtained from Florida DHSMV.

Figure Eleven. Comparison of Pasco and Manatee Counties Alcohol-Related Fatalities



Note. Data obtained from Florida DHSMV.

Figure Twelve. Percentage of Statewide Rates for Pasco County DUI Arrests and Alcohol-Related Crashes, Injuries, and Fatalities



Note. Data are from Florida DMVHS and Uniform Crime Report (UCR).

Treatment Data

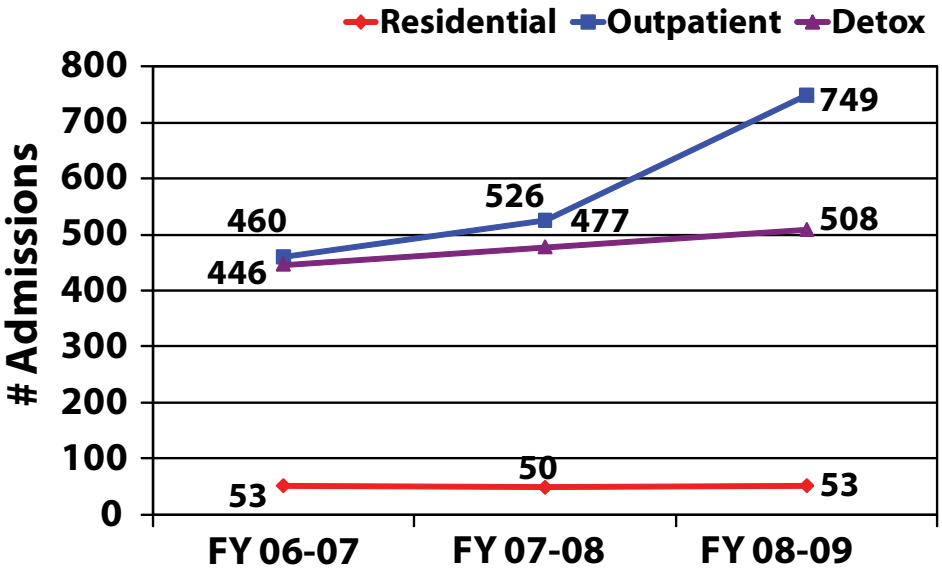
Table Nineteen. Admission to Pasco County Substance Abuse Treatment

	Pasco County		
	FY 2006/2007	FY 2007/2008	FY 2008/2009
Adults			
Residential	53	50	53
Outpatient	460	526	749
Detox	446	477	508
Youth			
Residential	48	45	36
Outpatient	112	109	161

Note. Data obtained from BayCare Behavioral Health; Central Florida Behavioral Health Network (CFBHN) youth outpatient only

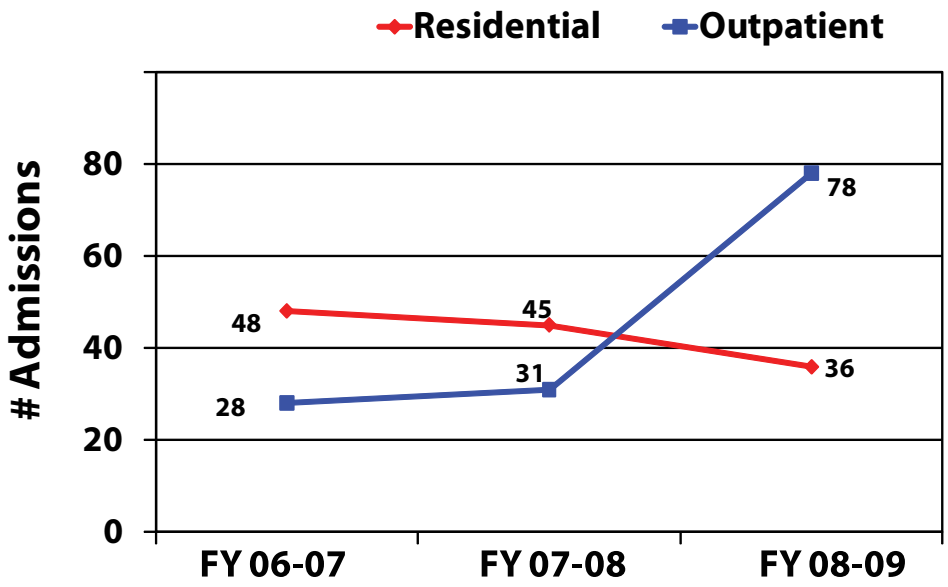
- BayCare Behavioral Health adult admissions from FY 2006/07 to FY 2008/09 indicate an increase in outpatient from 2006/07 to 2008/09; residential and detox remained fairly consistent for all three years.
- BayCare Behavioral Health and YFA youth admissions from FY 2006/07 to FY 2008/09 indicate a similar trend as adults – increase in outpatient admissions.

Figure Thirteen. Adult Admissions to Pasco County Substance Abuse Providers



Note. Data obtained from BayCare Behavioral Health.

Figure Fourteen. Youth Admissions to Pasco County Substance Abuse Providers



Note. Data obtained from the Central Florida Behavioral Health Network.

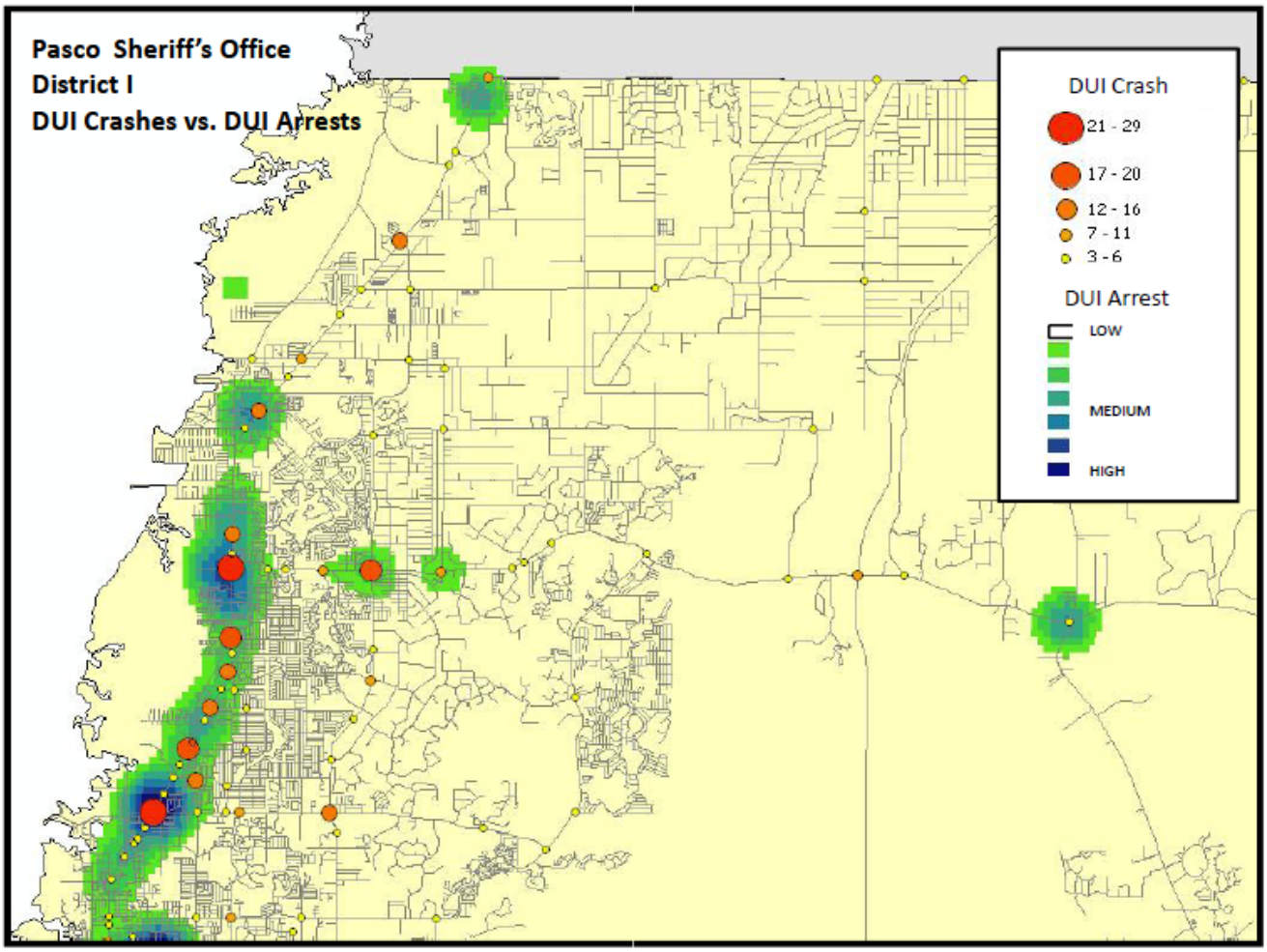
Table Twenty. Admission Data on Drug of Choice for Youth in Pasco County

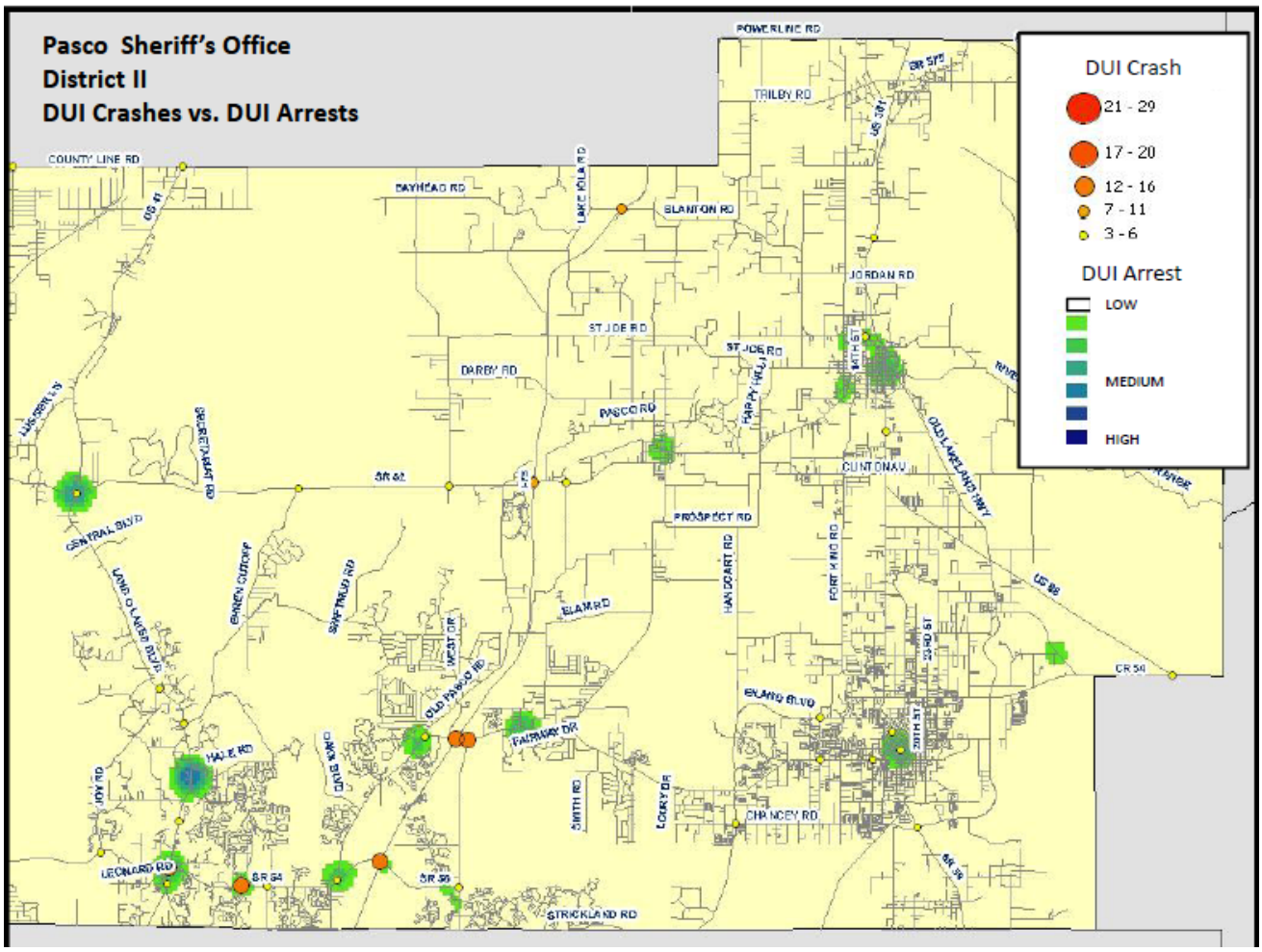
Drug of Choice	FY 2006/2007			FY 2007/2008			FY 2008/2009		
	First	Second	Other	First	Second	Other	First	Second	Other
Marijuana	18	6	0	26	3	0	27	3	0
Alcohol	4	9	1	3	8	0	2	12	2
Other Opiates	1	0	0	1	0	0	1	1	1
Over the Counter	1	0	0	0	0	0	0	1	0
Other	1	0	2	0	0	0	0	0	0
Crack	0	0	3	0	0	0	0	0	0
Methamphetamine	0	0	1	0	0	0	0	0	0
TOTAL	25	15	7	30	11	0	30	17	3

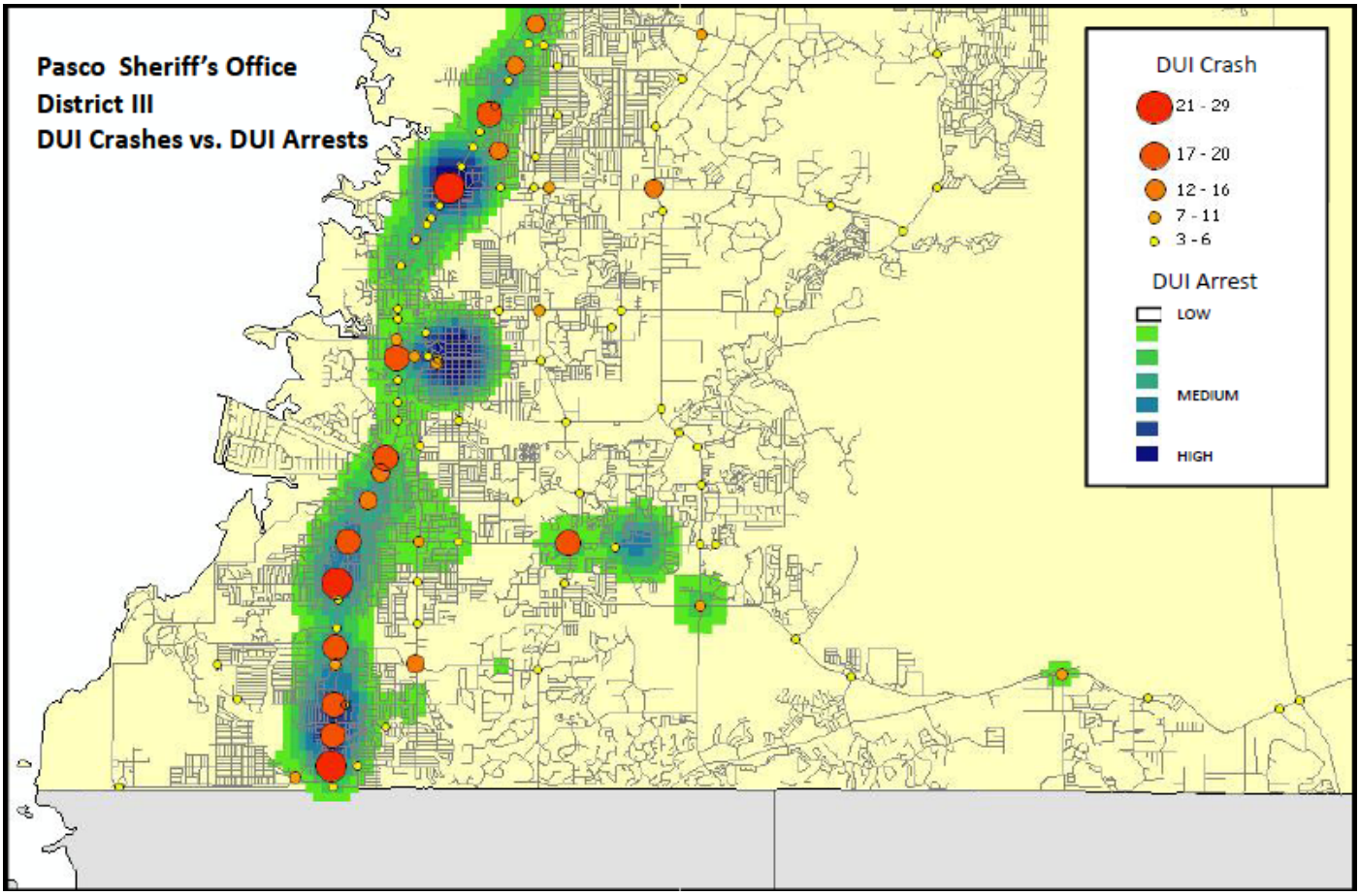
Note. Data obtained from the Central Florida Behavioral Health Network (CFBHN)

- Marijuana was the primary drug of choice, followed by alcohol, and other opiates.

Pasco County Maps of DUI Crashes versus DUI Arrests




Pasco Sheriff's Office
District II
DUI Crashes vs. DUI Arrests
DUI Crash
21 - 29
17 - 20
12 - 16
7 - 11
3 - 6
DUI Arrest
LOW
MEDIUM
HIGH
POWERLINE RD
TRILBY RD
COUNTY LINE RD
BAYHEAD RD
SLANTON RD
JORDAN RD
ST JOE RD
DARBY RD
PASCO RD
SR 52
CENTRAL BLVD
PROSPECT RD
ELAM RD
OLD PASCO RD
FAIRWAY DR
CHANCEY RD
HALE RD
LEONARD RD
SR 54
SR 56
STRICKLAND RD
CR 54
US 98
OLD LAKELAND HWY


Pasco Sheriff's Office
District III
DUI Crashes vs. DUI Arrests
DUI Crash
21 - 29
17 - 20
12 - 16
7 - 11
3 - 6
DUI Arrest
LOW
MEDIUM
HIGH


Rx Only
100 Tablets