US Census Bureau
2011 Population Estimates
Data Sources January 2013

- **Florida Medical Examiners Commission 2011 Report on Drugs Identified In Deceased Persons by Florida Medical Examiners from Florida Department of Law Enforcement**
- **Emergency department data 2005-2010 from DAWN (SAMHSA)**
- **Florida Department of Children and Families treatment data from all publicly-funded adult and youth treatment programs for Miami-Dade and Broward Counties primary admissions for all treatment modalities January - June 2012.**
- **National Forensic Laboratory Information System (NFLIS), Drug Enforcement Administration (DEA), for January – June 2012**
- **Florida Poison Information Center – Miami Poison Exposure Calls for Emerging Synthetic Drugs**
- **2012 Florida Youth Substance Abuse Survey for Miami-Dade and Broward Counties, Florida Dept. of Children and Families**
- **National Survey on Drug Use & Health Sub State Data (SAMHSA)**
South Florida Most Recent Changes

- Cocaine: Decline continues but slows ↓
- Heroin: Increases related to crackdown on Rx Opioids ↑
- Rx Opioids: Modest Declines ↓
- Benzodiazepine: Modest Declines ↓
- Methamphetamine: Low and Limited to Gay Males ➡
- Marijuana: High and Increasing ➪
- Cannabinimimetics: Increasing Use, Types & Problems ➪
- Ecstasy: Mostly “Mollys” tests as bk-Methylone ➪
- GHB: Low; but back on radar. Is it Diverted “Xyrem”? ➡
Number of Cocaine Reports Detected Among Decedents in Florida: 2000 - 2011

**NUMBER of COCAINE OCCURRENCES**

Including “Present” & “Cause of Death”

**SOURCE:** Florida Medical Examiners Commission Report 2011
Rate of Cocaine Emergency Department. Reports Per 100,000 All Age Groups

Number of Primary Cocaine Treatment Admissions
Miami-Dade and Broward Counties, FL: 2009-2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Miami-Dade</th>
<th>Broward</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>690</td>
<td>867</td>
</tr>
<tr>
<td>2010</td>
<td>918</td>
<td>549</td>
</tr>
<tr>
<td>2011</td>
<td>1,052</td>
<td>615</td>
</tr>
<tr>
<td>2x1h2012</td>
<td>776</td>
<td>448</td>
</tr>
<tr>
<td>2009</td>
<td>769</td>
<td>159</td>
</tr>
<tr>
<td>2010</td>
<td>481</td>
<td>424</td>
</tr>
<tr>
<td>2011</td>
<td>555</td>
<td>432</td>
</tr>
<tr>
<td>2x1h2012</td>
<td>122</td>
<td>122</td>
</tr>
</tbody>
</table>

* 2012 Admissions based on 2 x’s 1st Half 2012

SOURCE: Florida Department of Children and Families
Number of Primary Heroin Treatment Admissions
Miami-Dade and Broward Counties, FL: 2009-2012

* 2012 Admissions based on 2 x’s 1st Half 2012

SOURCE: Florida Department of Children and Families
# Number of Deaths with One or More Prescription Medications Detected 2010 vs. 2011

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>% Changed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broward County</td>
<td>470</td>
<td>431</td>
<td>Down 8 %</td>
</tr>
<tr>
<td>Miami-Dade County</td>
<td>359</td>
<td>312</td>
<td>Down 13 %</td>
</tr>
<tr>
<td>Palm Beach County</td>
<td>365</td>
<td>626</td>
<td>Up 71 %</td>
</tr>
<tr>
<td>State of Florida</td>
<td>5,647</td>
<td>5,489</td>
<td>Down 3 %</td>
</tr>
</tbody>
</table>

*Source: FDLE – Drugs Identified In Deceased Persons by Florida Medical Examiners - 2011 Report*
Numbers of Substances Identified among Decedents in Florida: Jan.-Dec. 2011

- Total Rx: 13,045
- Alcohol + Illicit Drugs: 5,758

Source: Florida Department of Law Enforcement: Florida Medical Examiners Commission Report 2011
5,489 individuals died with one or more prescription drugs in their system. The drugs were at both lethal and non-lethal levels.

Source: Florida Department of Law Enforcement: Florida Medical Examiners Commission Report 2011
Number of Oxycodone Reports Detected among Decedents in Florida: 2011

Source: FDLE – Drugs Identified In Deceased Persons by Florida Medical Examiners 2007 - 2010 Reports and 2011 Report
Number of Oxycodone Reports Detected among Decedents in South Florida: 2007-2011

SOURCE: Florida Medical Examiners Commission Report 2011
Number of Emergency Departments Reports by Drug in Broward & Palm Beach Counties, FL: 2008, 2009 and 2010

![Graph showing the number of emergency department reports by drug from 2008 to 2010.](image)

Note: Cocaine visits had statistically significant decreases from 2008 to 2009. Prescription Opioid nonmedical use visits had statistically significant increases from 2008 to 2010. No statistically significant changes were noted for 2008 or 2009 compared with 2010 for Benzodiazepines.

Rates per 100,000 of Oxycodone Nonmedical Use
Emergency Department Reports by Age Groups
DAWN Ft. Lauderdale Division vs. USA: 2010

Number of Primary Rx Opioid Treatment Admissions
Miami-Dade and Broward Counties, FL: 2010-2012

Miami-Dade

Broward

2010        2011         2012*     2010       2011         2012*

Miami-Dade

2010: 246
2011: 302
2012*: 230

Broward

2010: 1,118
2011: 1,459
2012*: 1,242

* 2012 Admissions based on 2 x’s 1st Half 2012

SOURCE: Florida Department of Children and Families
Percent of Persons Aged 12 and Above Reporting Nonmedical Use of Rx Pain Relievers in the Past Year: 2002-2008

Percent Reporting Past Year Use

Florida
Broward

Diversion Sources: Primary Opioid

- Dealer: 66.6%
- Sharing/Trading: 54.6%
- Legitimate Medical Practice: 13.8%
- Illegitimate Medical Practice: 12.5%
- Theft: 11.1%

Source: Kurtz, S & Surratt, H: ARSH Nova Southeastern University June 2012
Number of Alprazolam Reports Detected among Decedents in Florida: 2007 – 2011

Source: FDLE – Drugs Identified In Deceased Persons by Florida Medical Examiners 2007 - 2010 Reports and 2011 Report
Number of Alprazolam Reports Detected among Decedents in South Florida: 2007-2011

SOURCE: Florida Medical Examiners Commission Report 2011
Number of Primary Treatment Admissions for Juveniles and Adults by Drug in Broward and Miami-Dade Counties: January - June 2012

Source: Florida Department of Children and Families
Current (past 30-day) Marijuana Use Among Miami-Dade and Broward Counties High School Students 2000-2012

Source: Florida Youth Substance Abuse Surveys 2000-2012
Perceived Attitudes about Marijuana Among Broward County Middle and High School Students 2000-2012

Source: Florida Youth Substance Abuse Surveys 2000-2012
Percent of high school students having ridden or driven in the past 30 days with or as driver having used marijuana or alcohol.

RODE with Driver who had used marijuana or alcohol:
- Florida: 25.4%
- Miami-Dade: 24.5%
- Broward: 27.0%

DROVE after using marijuana or drinking alcohol:
- Florida: 11.2%
- Miami-Dade: 10.8%
- Broward: 10.9%

Source: FL-DCF - 2012 Florida Youth Substance Abuse Survey
Fake Drugs; Real Poisons

The Synthetic Drugs
Percent of Florida 9th-12th Graders Reporting Having Used Synthetic Marijuana in their Lifetime

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>9.7%</td>
</tr>
<tr>
<td>10th</td>
<td>11.8%</td>
</tr>
<tr>
<td>11th</td>
<td>14.8%</td>
</tr>
<tr>
<td>12th</td>
<td>16.7%</td>
</tr>
</tbody>
</table>

Source: Florida Youth Substance Abuse Survey 2012
Percent of High School Males Reporting Having Used Synthetic Marijuana in Florida, Broward, and Miami-Dade Counties - 2012

<table>
<thead>
<tr>
<th></th>
<th>Florida Lifetime</th>
<th>Broward Lifetime</th>
<th>Dade Lifetime</th>
<th>Florida Past 30 Days</th>
<th>Broward Past 30 Days</th>
<th>Dade Past 30 Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>15.1%</td>
<td>12.4%</td>
<td>9.8%</td>
<td>5.3%</td>
<td>3.9%</td>
<td>3.4%</td>
</tr>
</tbody>
</table>

Source: Florida Youth Substance Abuse Survey 2012
## Number of Cannabinimimetics Poison Control Exposure Calls 2011 and 2012

<table>
<thead>
<tr>
<th>Cannabinimimetics Poison Exposure Calls</th>
<th># of Poison Exposure Calls Jan-Dec 2011</th>
<th># of Poison Exposure Calls Jan-Dec 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Florida</td>
<td>517</td>
<td>537</td>
</tr>
<tr>
<td>Broward County</td>
<td>38</td>
<td>37</td>
</tr>
<tr>
<td>Miami-Dade County</td>
<td>36</td>
<td>45</td>
</tr>
<tr>
<td>Palm Beach County</td>
<td>29</td>
<td>24</td>
</tr>
</tbody>
</table>

*Source: Florida Poison Information Center – Miami 1-800-222-1222*
11 Different Cannabinimimetics Jan. – July 2012
Florida Crime Lab Reports n= 403

Source: US DEA: National Forensic Lab Information System (NFLIS) 08/24/2012
Molly’s

Not Pure MDMA but....

methylylone

bk- 3,4 methylenedioxy-methcathinone

96 Crime Lab Cases March – October 2012 in Broward County

276 Crime Lab Cases in Miami-Dade County during 2012
Top 10 Most Frequently Identified Drugs of Total Analyzed Drug Reports, South Florida January - June 2012

<table>
<thead>
<tr>
<th>Drug</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine</td>
<td>6,153</td>
<td>48.9%</td>
</tr>
<tr>
<td>Marijuana/Cannabis</td>
<td>2,864</td>
<td>22.7%</td>
</tr>
<tr>
<td>Oxycodone</td>
<td>389</td>
<td>3.1%</td>
</tr>
<tr>
<td>Alprazolam</td>
<td>368</td>
<td>2.9%</td>
</tr>
<tr>
<td>Heroin</td>
<td>343</td>
<td>2.7%</td>
</tr>
<tr>
<td>Hallucinogen</td>
<td>262</td>
<td>2.1%</td>
</tr>
<tr>
<td>N-Methyl-3,4-Methylenedioxyxycathinone (Methylone)</td>
<td>154</td>
<td>1.2%</td>
</tr>
<tr>
<td>Caffeine</td>
<td>119</td>
<td>0.9%</td>
</tr>
<tr>
<td>Phenylimidothiazole Isomer Undetermined</td>
<td>111</td>
<td>0.9%</td>
</tr>
<tr>
<td>AM-2201 (1-(5-Fluoropentyl)-3-(1-Naphthoyl)Indole)</td>
<td>86</td>
<td>0.7%</td>
</tr>
<tr>
<td>Other</td>
<td>1,741</td>
<td>13.8%</td>
</tr>
<tr>
<td>Total</td>
<td>12,590</td>
<td>100.0%</td>
</tr>
</tbody>
</table>

1 Data are for January–June 2012 and include primary, secondary, and tertiary reports.
Number and Percent of Cumulative AIDS Cases by IDU Exposure Categories in Miami-Dade County: December 2012

<table>
<thead>
<tr>
<th>Cumulative AIDS Cases</th>
<th>Miami-Dade</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>%</td>
</tr>
<tr>
<td>IDU Exposure</td>
<td>5,181</td>
</tr>
<tr>
<td>IDU + MSM Exposure</td>
<td>1,318</td>
</tr>
<tr>
<td>All Other Risks</td>
<td>27,170</td>
</tr>
<tr>
<td>TOTAL</td>
<td>33,669</td>
</tr>
</tbody>
</table>

Sources: Miami-Dade County Health Department
South Florida Most Recent Changes

- Cocaine: Decline continues but slows
- Heroin: Increases related to crackdown on Rx Opioids
- Rx Opioids: Modest Declines
- Benzodiazepine: Modest Declines
- Methamphetamine: Low and Limited to Gay Males
- Marijuana: High and Increasing
- Cannabinimimetics: Increasing Use, Types & Problems
- Ecstasy: Mostly “Mollys” tests as bk-Methylone
- GHB: Low; but back on radar. Is it Diverted “Xyrem”? 