Florida Substance Use Trends: Annual Update Report 2023

Presented by: Ben Hackworth, MPH
FADAA Epidemiologist Consultant
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Objectives

- Identify updates in substance use trends in Florida and the U.S.
- Understand patterns of substance use regionally and statewide
- Identify substance use trends for fatal and non-fatal overdoses in Florida
Introduction

The 2023 Annual Report Update, *Substance Use Trends in Florida*:

- Offers new Florida data trends available after the release of the 2023 Annual Report issued in June 2023
- Presents information primarily for and about Florida with a focus on youth trends in substance misuse in Florida
- Provides an update on substance related deaths from the Florida Medical Examiner’s 2022 Interim Report, published July 2023
Data Sources


▪ Centers for Disease Control and Prevention (CDC)
▪ Florida Health Charts, sponsored by the Florida Department of Health
▪ *Drugs Identified in Deceased Persons by Florida Medical Examiners: 2022 Interim Report*, prepared by the Florida Medical Examiners Commission
▪ 2023 Florida Youth Substance Abuse Survey (FYSAS)
Methodology

- The Florida Youth Substance Abuse Survey (FYSAS) assesses risk and protective factors for substance use and is administered to Florida’s middle and high school students.

- Data on substance use among adults and youth in the United States and Florida is from the National Survey on Drug Use and Health (NSDUH), sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA). This source provides the prevalence of substance use based on survey responses.

- Morbidity (hospitalizations and emergency department visits) rates for the United States are age-adjusted data. Florida-specific morbidity rates were obtained through the public-facing dashboard FL Health CHARTS, provided by Florida Department of Health and maintained by Florida’s Bureaus of Community Health Assessment and Vital Statistics. Morbidity rates for Florida overall are age-adjusted and obtained directly from FLHealth CHARTS.

- Data on the number of occurrences among drug deaths in Florida is updated from the Florida Medical Examiners Commission Drugs Identified in Deceased Persons by Florida Medical Examiners: 2021 Annual Report.
Florida by Geographic Region, Managing Entity, County, 2022

- **Northwest Florida**
  - Thriving Mind South Florida: 7%, (1,538,501)
- **Central Florida**
  - Central Florida Cares Health System: 28%, (6,107,628)
  - Lutheran Services Florida: 18%, (3,905,648)
- **Southeast Florida**
  - Central Florida Behavioral Health Network: 10%, (2,151,006)
  - Southeast Florida Behavioral Health Network: 13%, (2,910,617)
  - Broward Behavioral Health Coalition: 9%, (1,932,212)
  - Thriving Mind South Florida: 13%, (2,910,617)

Map showing geographical distribution with various colored regions representing different counties and their corresponding managing entities.
Past Year Pain Reliever Use among Adults, U.S. and Florida, 2015-2021
Lifetime and Past 30-day Pain Reliever Misuse among Youth in Florida, 2010-2023

FYSAS
Past Year Pain Reliever Misuse among Youth, U.S. and Florida, 2015-2021

![Graph showing prevalence of pain reliever misuse in Florida (FL) and the U.S. (US) from 2014 to 2022. The graph indicates a decrease in prevalence from 2014 to 2021.](image-url)
Lifetime and Past 30-day Pain Reliever among Middle and High School Youth, 2012-2023
Lifetime and Past 30-day Pain Reliever among Female and Male Youth, 2012-2023

![Graph showing prevalence of pain reliever usage among female and male youth from 2010 to 2024.](image)

- **Female- Lifetime**: Decreasing from 7% in 2010 to 1.2% in 2024.
- **Male- Lifetime**: Decreasing from 5.9% in 2010 to 0.6% in 2024.
- **Female- 30 Day**: Decreasing from 2% in 2010 to 0.6% in 2024.
- **Male- 30 Day**: Decreasing from 2.6% in 2010 to 1.2% in 2024.
Past Year Heroin Use among Adults, U.S. and Florida, 2015-2021

NSDUH
Past Year Heroin Use among Youth, U.S. and Florida, 2015-2021

Prevalence %

US  FL


0  0.02  0.05  0.06  0.02  0  0  0

NSDUH
Lifetime and Past 30-day Heroin Use among Youth in Florida, 2010-2023
Past Year Cocaine Use among Adults, U.S. and Florida, 2015-2021

Prevalence %

<table>
<thead>
<tr>
<th>Year</th>
<th>US</th>
<th>FL</th>
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<tbody>
<tr>
<td>2014</td>
<td>1.73</td>
<td>1.42</td>
</tr>
<tr>
<td>2015</td>
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<td>2018</td>
<td>2.16</td>
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<tr>
<td>2022</td>
<td>2.08</td>
<td>2.13</td>
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Past Year Cocaine Use among Youth, U.S. and Florida, 2015-2021
Lifetime and Past 30-day Cocaine Use among Youth, Florida, 2010-2023

FYSAS
Past Year Methamphetamine Use among Adults, U.S. and Florida, 2015-2021

Prevalence %

US
FL


0 0.2 0.4 0.6 0.8 1 1.2

NSDUH
Past Year Methamphetamine Use among Youth, U.S. and Florida, 2015-2021

NSDUH
Lifetime and Past 30-day Methamphetamine Use among Youth in Florida, 2010-2023
Past Year Marijuana Use among Adults, U.S. and Florida, 2015-2021

Prevalence %


US  FL

NSDUH
Past Month Marijuana Use among Adults, U.S. and Florida, 2015-2021

Prevalence %

Year | US Prevalence % | FL Prevalence %
--- | --- | ---
2014 | 7.7 | 8.8
2015 | 8.8 | 8.8
2016 | 9.5 | 9.5
2017 | 10.2 | 10.4
2018 | 11.2 | 12.1
2019 | 12.2 | 12.2
2020 | 11.2 | 11.2
2021 | 13.7 | 11.2
2022 | |
Past Year Marijuana Use among Youth, U.S. and Florida, 2015-2021

NSDUH
Past Month Marijuana Use among Youth, U.S. and Florida, 2015-2021

NSDUH
Lifetime and Past 30-day Marijuana Use among Youth in Florida, 2010-2023

Prevalence %

Year


Lifetime

Past 30 day
Lifetime and Past 30-day Marijuana Use among Female and Male Youth in Florida, 2012-2023
Lifetime and Past 30-day Marijuana Use among Middle and High School Youth in Florida, 2012-2023

![Graph showing the prevalence of marijuana use among middle and high school youth in Florida from 2012 to 2023.](image-url)
Lifetime and Past 30-day Vaping Nicotine among Youth in Florida, 2019-2023

FYSAS
Lifetime and Past 30-day Vaping Nicotine among Middle and High School Youth in Florida, 2019-2023

Prevalence %

<table>
<thead>
<tr>
<th>Years</th>
<th>MS 30 day</th>
<th>MS Lifetime</th>
<th>HS 30 day</th>
<th>HS Lifetime</th>
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<tbody>
<tr>
<td>2019</td>
<td>30.8</td>
<td>17.4</td>
<td>13.7</td>
<td>9.7</td>
</tr>
<tr>
<td>2020</td>
<td>30</td>
<td>15.6</td>
<td>13.5</td>
<td>12.8</td>
</tr>
<tr>
<td>2021</td>
<td>28.1</td>
<td>14.8</td>
<td>15.1</td>
<td>12.7</td>
</tr>
<tr>
<td>2022</td>
<td>25.5</td>
<td>13.1</td>
<td>13.1</td>
<td>10.7</td>
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<tr>
<td>2023</td>
<td>19.6</td>
<td>12.8</td>
<td>9.7</td>
<td>5.4</td>
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</table>
Lifetime and Past 30-day Vaping Nicotine among Female and Male Youth in Florida, 2019-2023

![Graph showing prevalence of vaping nicotine among female and male youth in Florida from 2018.5 to 2023.5. The graph includes lines for female lifetime, male lifetime, female 30 days, and male 30 days. Prevalence percentages are shown for each year.](image-url)
Lifetime and Past 30-day Vaping Marijuana among Youth in Florida, 2019-2023
Lifetime and Past 30-day Vaping Marijuana among Middle and High School Youth in Florida, 2019-2023

FYSAS
Lifetime and Past 30-day Vaping Marijuana among Female and Male Youth in Florida, 2019-2023

![Graph showing the prevalence of vaping marijuana among female and male youth in Florida from 2019 to 2023. The graph indicates a decreasing trend in prevalence over the years.]

- **Female Lifetime Prevalence %**: From 16.1 in 2019 to 14% in 2023.
- **Male Lifetime Prevalence %**: From 16.6 in 2019 to 14% in 2023.
- **Female 30 days Prevalence %**: From 8.1 in 2019 to 7% in 2023.
- **Male 30 days Prevalence %**: From 8.4 in 2019 to 7% in 2023.

**FYSAS**
Past Month Alcohol Use Among Adults, U.S. and Florida, 2015-2021

Prevalence %


NSDUH
Past Month Binge Alcohol Use among Adults, U.S. and Florida, 2015-2021

<table>
<thead>
<tr>
<th>Year</th>
<th>US Prevalence</th>
<th>FL Prevalence</th>
</tr>
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<tbody>
<tr>
<td>2014</td>
<td>26.5</td>
<td>27.1</td>
</tr>
<tr>
<td>2015</td>
<td>26.3</td>
<td>26.4</td>
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<tr>
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<td>26.5</td>
<td>24.4</td>
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<td>23.9</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2022</td>
<td></td>
<td></td>
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</tbody>
</table>

NSDUH
Alcohol Use among Youth, Past Month, U.S. and Florida, 2015-2021
Lifetime and Past 30-day Alcohol Use among Youth in Florida, 2010-2023
Alcohol Use among Female and Male Youth, Lifetime and 30-day Use, Florida, 2012-2023

FYSAS
Alcohol Use among Middle and High School Youth, Lifetime and Past 30-day, Florida, 2012-2023

![Graph showing prevalence of alcohol use among middle and high school youth, Lifetime and Past 30-day, Florida, 2012-2023.](image)
Binge Alcohol Use among Youth, U.S. and Florida, 2015-2021

NSDUH
Binge Alcohol Use among Youth in Florida, 2010-2023

Prevalence %

Year


14.1 11.3 9.5 7.7 6.8 6.7 5.6 4.8

FYSAS
Binge Alcohol Use among Middle and High School Youth, Florida, 2012-2023

Prevalence %

Years


MS

HS
Binge Alcohol Use among Female and Male Youth, Florida, 2012-2023

Graph showing the prevalence of binge alcohol use among females and males in Florida from 2010 to 2024. The prevalence has decreased over the years for both genders, with females generally having a slightly higher prevalence. The graph includes data points for each year from 2010 to 2024.
Lifetime and Past 30-day Club Drug Use Among Youth, Florida, 2010-2023
Lifetime and Past 30-day Use of Inhalants among Youth in Florida, 2010-2023
Lifetime and past 30-day Use of Inhalants among Female and Male Youth in Florida, 2012-2023

<table>
<thead>
<tr>
<th>Years</th>
<th>Female- Lifetime</th>
<th>Male- Lifetime</th>
<th>Female- 30 Day</th>
<th>Male- 30 Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>8.9</td>
<td>6.8</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>2012</td>
<td>7.2</td>
<td>5.8</td>
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<tr>
<td>2014</td>
<td>6.1</td>
<td>4.7</td>
<td>1.9</td>
<td>1.4</td>
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<td>2016</td>
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<td>2024</td>
<td>6.4</td>
<td>4.1</td>
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FYSAS
Lifetime and Past 30-day Use of Inhalants among Middle and High School Youth in Florida, 2012-2023

FYSAS
All Drug Non-fatal Overdose Emergency Department Visits, Florida, 2015 - 2022

# of non-fatal drug overdose ED visits

Year


0 10,000 20,000 30,000 40,000 50,000 60,000

30,055 38,129 41,456 37,343 40,318 45,510 50,803 45,897

FLHealth Charts
Opioid-involved Non-fatal Overdose Emergency Department Visits, Florida, 2015 - 2022

FLHealth Charts
Fatal Drug Overdose Death Rate in the U.S. and Florida, 2015-2021

CDC
Fatal Drug Overdose Deaths in Florida, 2015 – First half of 2022

Year:
- 2014: 3,241
- 2015: 4,884
- 2016: 5,617
- 2017: 4,977
- 2018: 5,577
- 2019: 7,460
- 2020: 8,093
- 2021: 8,093
- 2022: 3,776
- 2023: (value not provided)

# of Drug Overdose Deaths:

- 2014: 3,241
- 2015: 4,884
- 2016: 5,617
- 2017: 4,977
- 2018: 5,577
- 2019: 7,460
- 2020: 8,093
- 2021: 8,093
- 2022: 3,776
- 2023: (value not provided)

FLHealth Charts
Fatal Opioid Overdose Deaths in Florida, 2015 – First half of 2022

Year

# of fatal opioid overdoses
2,538 3,923 4,280 3,727 4,294 6,089 6,442 3,003

FLHealth Charts
Prescription Opioids Occurrences among Decedents in Florida for Managing Entities, First half of 2022

Northwest Florida Health Network
- Oxycodone: 14
- Hydrocodone: 52
- Methadone: 43

Lutheran Services Florida
- Oxycodone: 33
- Hydrocodone: 112
- Methadone: 112

Central Florida Behavioral Health Network
- Oxycodone: 189
- Hydrocodone: 73
- Methadone: 61

Central Florida Cares Health System
- Oxycodone: 16
- Hydrocodone: 17
- Methadone: 11

Southeast Florida Behavioral Health Network
- Oxycodone: 24
- Hydrocodone: 61
- Methadone: 5

Thriving Mind South Florida
- Oxycodone: 38
- Hydrocodone: 7
- Methadone: 5

Broward Behavioral Health Coalition
- Oxycodone: 46
- Hydrocodone: 6
- Methadone: 11
Heroin-related Deaths among Decedents in Florida, 2012- First half of 2022

FDLE
Heroin-related Deaths among Decedents for Managing Entities, First half of 2022

FDLE
Fentanyl and Fentanyl Analogue-related Deaths among Decedents in Florida, 2012-First half of 2022

FDLE
Fentanyl and Fentanyl Analogue-related deaths among decedents for Managing Entities, First half of 2022
Cocaine-related Deaths among Decedents in Florida, 2012-First half of 2022

FDLE
Cocaine-related Deaths among Decedents for Managing Entities, First half of 2022
Methamphetamine-related Deaths among Decedents in Florida, 2012-First half of 2022

FDLE
Methamphetamine-related Deaths among Decedents for Managing Entities, First half of 2022

Northwest Florida Health Network: 218
Lutheran Services Florida: 432
Central Florida Behavioral Health Network: 526
Central Florida Cares Health System: 143
Southeast Florida Behavioral Health Network: 61
Thriving Mind South Florida: 36
Broward Behavioral Health Coalition: 29
Conclusion

Alcohol use among U.S. and Florida youth has continuously decreased since 2010. Alcohol use among Middle School youth in Florida has slightly increased in 2023.

Marijuana use among youth has continued to decrease in recent years.

Vaping nicotine and marijuana among youth remains steady with a slight decrease in overall rates for Florida youth according to recent FYSAS survey data. However, vaping nicotine is a top substance for youth nationally.
Conclusion

Emergency Department Visits in 2022 decreased for the first time since 2018.

*Drugs Identified in Deceased Persons by Florida Medical Examiners: 2022 Interim Report*, may indicate a decrease in drug overdoses since 2018 with the total number of occurrences among drugs listed decreasing.
References

• Centers for Disease Control and Prevention
• Florida Department of Health, FLHealth Charts
• Florida Medical Examiners Commission Drugs Identified in Deceased Persons by Florida Medical Examiners: 2021 Annual Report
• Florida Youth Substance Abuse Survey (FYSAS)
• National Survey on Drug Use and Health