

# Project**LEAD**



## 2024 SUBSTANCE USE DATA

MARCH 24, 2025



# REPORT INFORMATION

This report provides an overview of data for the year 2024 on Project LEAD, the Hampton & Peninsula Health District's (HPHD) first substance use and opioid response program, which launched in January 2023. In addition, it includes key substance use data from 2024 for the Cities of Hampton, Newport News, Poquoson, and Williamsburg, as well as the Counties of James City and York.

The goal of this report is to equip community partners with relevant data to better understand substance use disorder in the Greater Peninsula Region and to guide resource deployment where it is most needed. All included data has been authorized for release by its respective sources, with citations available on the last page; some data may be suppressed due to confidentiality concerns. We hope this report serves as a valuable tool in ongoing efforts to combat the opioid epidemic and support those affected.

For questions, please contact HPHD's Population Health Manager and Public Information Officer, Tes La Dieu ([taylor.ladieu@vdh.virginia.gov](mailto:taylor.ladieu@vdh.virginia.gov)). We extend our gratitude to our community partners for their continued commitment to this cause and welcome anyone interested in joining the Project LEAD network.

# PROJECT LEAD

IN 2024...



WE HAVE  
ENGAGED WITH

3,000+  
PEOPLE

THE PROJECT  
LEAD NETWORK  
HAS GROWN TO

78  
COMMUNITY  
PARTNER  
ORGANIZATIONS

WE HAVE  
DISTRIBUTED

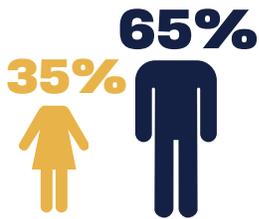
2,258  
DOSES OF  
NALOXONE

2,862  
RESOURCE  
KITS

2,262  
FENTANYL  
TEST STRIPS

# CITY OF HAMPTON

POPULATION 138,037 <sup>7</sup>



PERCENTAGE OF EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES BY  
GENDER IN 2024<sup>1</sup>

# 126

TIMES NALOXONE  
WAS DISPENSED  
BY EMS IN 2024<sup>1</sup>

# 50-59

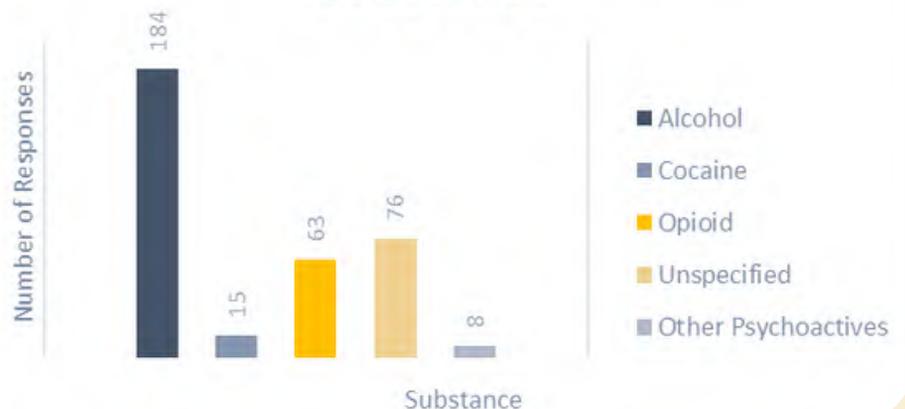
YEARS OLD

AVERAGE AGE RANGE  
OF EMS SUBSTANCE USE  
INCIDENT RESPONSES IN  
2024<sup>1</sup>

# 354

TOTAL EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES IN  
2024<sup>1</sup>

## 2024 EMS Responses by Substance<sup>1</sup>



# CITY OF HAMPTON

POPULATION 138,037 <sup>7</sup>

**25**

AVERAGE ED VISITS PER MONTH FOR ALL DRUG OVERDOSE IN 2024<sup>4</sup>

**29**

DEATHS IN 2024 DUE TO DRUG OVERDOSE<sup>3</sup>

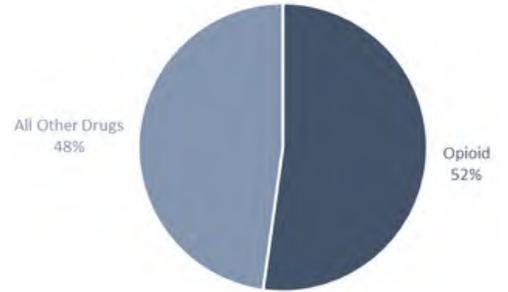
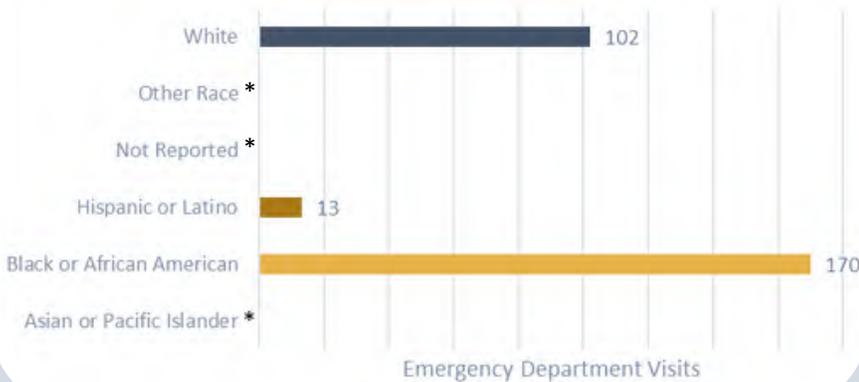
\*AS OF THE THIRD QUARTER

**53%** **47%**



PERCENTAGE OF ED OVERDOSE VISITS BY GENDER IN 2024<sup>4</sup>

Emergency Department Visits For Unintentional All Drug Overdose by Race in 2024<sup>2</sup>



PERCENTAGE OF ED VISITS FOR OPIOID OVERDOSES IN 2024<sup>4</sup>

IN 2024 THERE WERE

**304**

TOTAL SUBSTANCE RELATED ARRESTS<sup>5</sup>

**351**

SUBSTANCE RELATED COURT CASES<sup>5</sup>

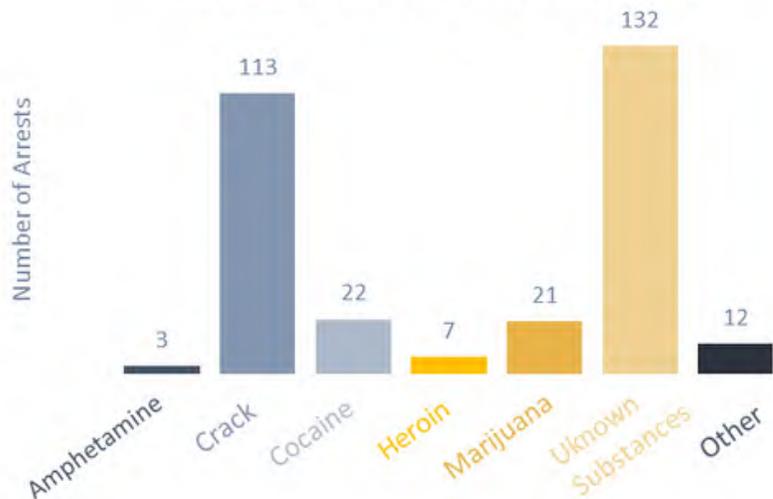
**266**

COCAINE RELATED CASES<sup>6</sup>

**56**

FENTANYL RELATED CASES<sup>6</sup>

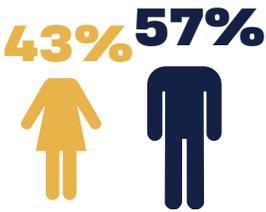
Substance Related Arrests in 2024<sup>5</sup>



\*COUNTS OF 1-4 AND CORRESPONDING RATES ARE SUPPRESSED TO MAINTAIN CONFIDENTIALITY  
 \*\*ED VISITS WERE IDENTIFIED USING THE UNINTENTIONAL ALL DRUG OVERDOSE CASE DEFINITION

# COUNTY OF JAMES CITY

POPULATION 81,199 <sup>7</sup>



PERCENTAGE OF EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES BY  
GENDER IN 2024<sup>1</sup>

25

TIMES NALOXONE  
WAS DISPENSED  
BY EMS IN 2024<sup>1</sup>

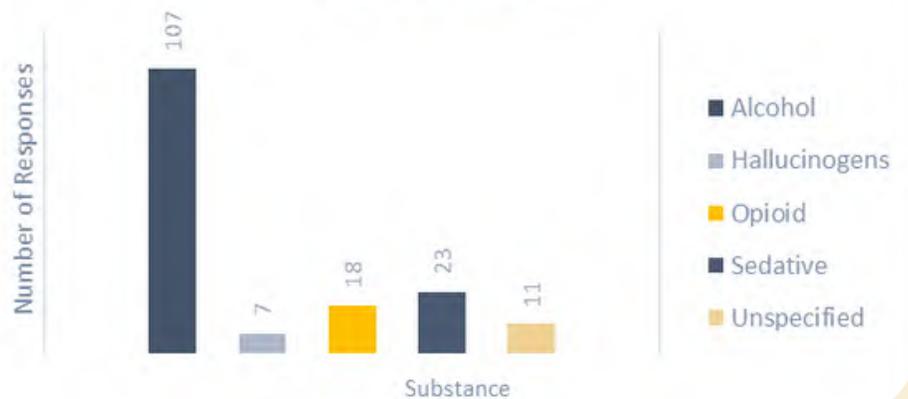
30-39  
YEARS OLD

AVERAGE AGE RANGE  
OF EMS SUBSTANCE USE  
INCIDENT RESPONSES IN  
2024<sup>1</sup>

173

TOTAL EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES IN  
2024<sup>1</sup>

## 2024 EMS Responses by Substance<sup>1</sup>



# COUNTY OF JAMES CITY

POPULATION 81,199 <sup>7</sup>

**18**

AVERAGE ED VISITS  
PER MONTH FOR ALL  
DRUG OVERDOSE IN  
2024<sup>4</sup>

**6**

DEATHS IN 2024 DUE TO  
DRUG OVERDOSE<sup>3</sup>

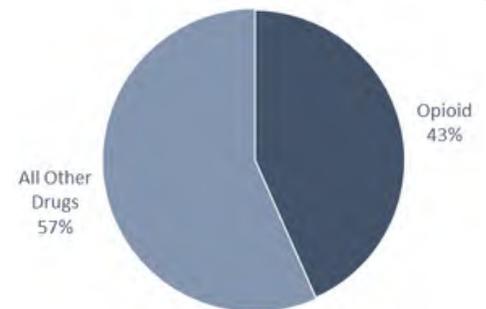
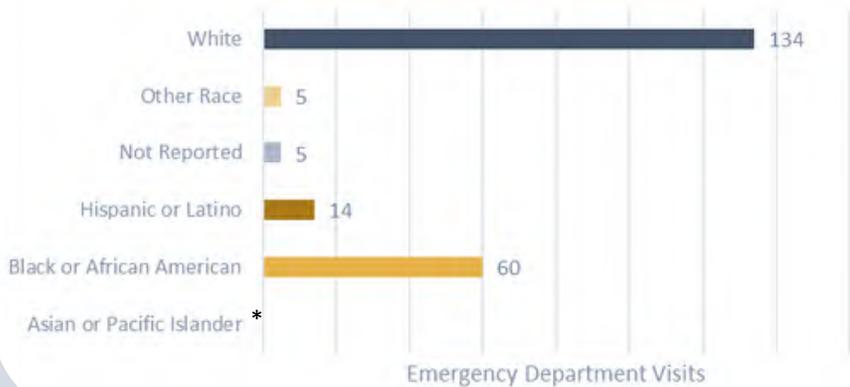
\*AS OF THE THIRD QUARTER

**52%** **48%**



PERCENTAGE OF ED  
OVERDOSE VISITS BY  
GENDER IN 2024<sup>4</sup>

Emergency Department Visits For  
Unintentional All Drug Overdose by Race in 2024<sup>2</sup>



PERCENTAGE OF ED VISITS  
FOR OPIOID OVERDOSES IN  
2024<sup>4</sup>

IN 2024 THERE WERE

**59**

TOTAL SUBSTANCE  
RELATED ARRESTS<sup>5</sup>

**65**

SUBSTANCE RELATED  
COURT CASES<sup>5</sup>

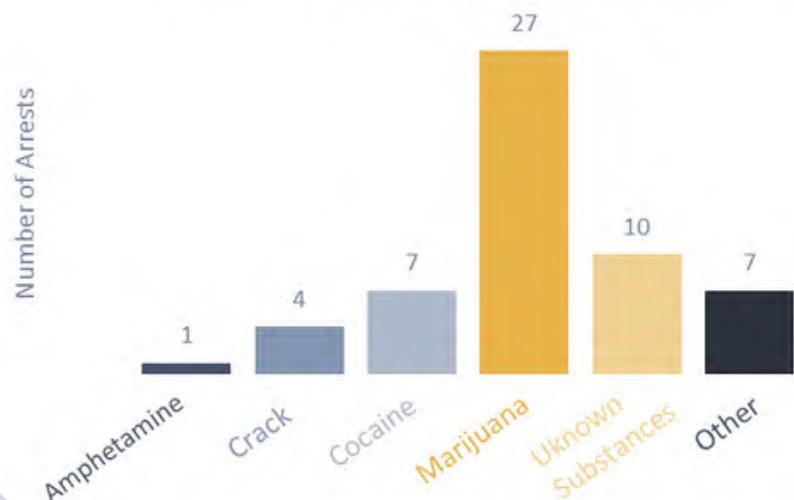
**30**

COCAINE RELATED CASES<sup>6</sup>

**7**

FENTANYL RELATED CASES<sup>6</sup>

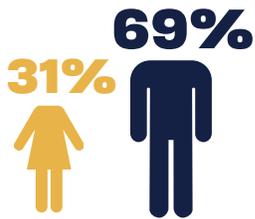
Substance Related Arrests in 2024<sup>5</sup>



\*COUNTS OF 1-4 AND CORRESPONDING RATES ARE SUPPRESSED TO MAINTAIN CONFIDENTIALITY  
\*\*ED VISITS WERE IDENTIFIED USING THE UNINTENTIONAL ALL DRUG OVERDOSE CASE DEFINITION

# CITY OF NEWPORT NEWS

POPULATION 184,306 <sup>7</sup>



PERCENTAGE OF EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES BY  
GENDER IN 2024<sup>1</sup>

# 158

TIMES NALOXONE  
WAS DISPENSED  
BY EMS IN 2024<sup>1</sup>

# 30-39

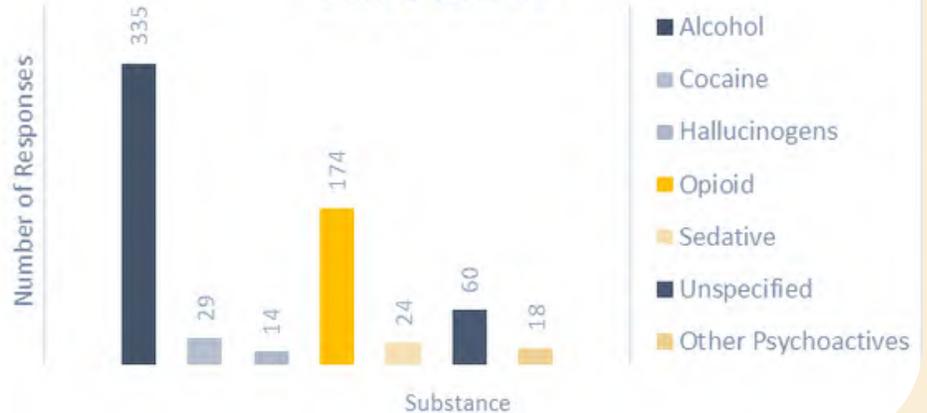
YEARS OLD

AVERAGE AGE RANGE  
OF EMS SUBSTANCE USE  
INCIDENT RESPONSES IN  
2024<sup>1</sup>

# 658

TOTAL EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES IN  
2024<sup>1</sup>

## 2024 EMS Responses by Substance<sup>1</sup>



# CITY OF NEWPORT NEWS

POPULATION 184,306 <sup>7</sup>

**45**

AVERAGE ED VISITS  
PER MONTH FOR ALL  
DRUG OVERDOSE IN  
2024<sup>4</sup>

**39**

DEATHS IN 2024 DUE TO  
DRUG OVERDOSE<sup>3</sup>

\*AS OF THE THIRD QUARTER

**46%**

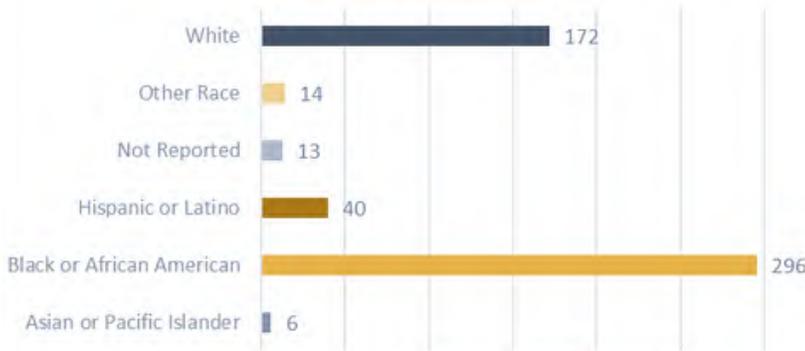


**54%**

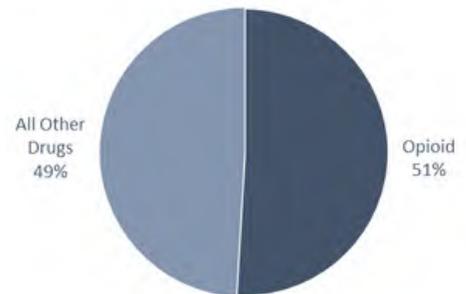


PERCENTAGE OF ED  
OVERDOSE VISITS BY  
GENDER IN 2024<sup>4</sup>

Emergency Department Visits For  
Unintentional All Drug Overdose by Race in 2024<sup>2</sup>



Emergency Department Visits



PERCENTAGE OF ED VISITS  
FOR OPIOID OVERDOSES IN  
2024<sup>4</sup>

IN 2024 THERE WERE

**358**

TOTAL SUBSTANCE  
RELATED ARRESTS<sup>5</sup>

**696**

SUBSTANCE RELATED  
COURT CASES<sup>5</sup>

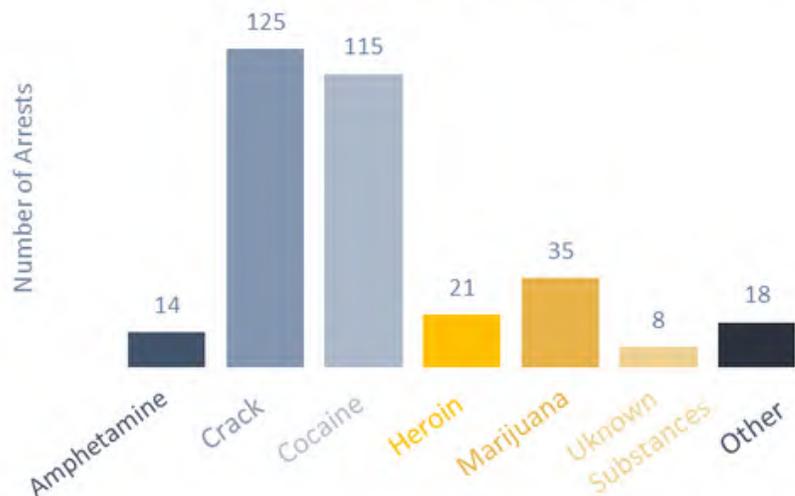
**470**

COCAINE RELATED CASES<sup>6</sup>

**112**

FENTANYL RELATED CASES<sup>6</sup>

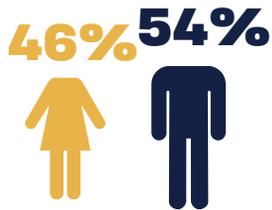
Substance Related Arrests in 2024<sup>5</sup>



\*COUNTS OF 1-4 AND CORRESPONDING RATES ARE SUPPRESSED TO MAINTAIN CONFIDENTIALITY  
\*\*ED VISITS WERE IDENTIFIED USING THE UNINTENTIONAL ALL DRUG OVERDOSE CASE DEFINITION

# CITY OF POQUOSON

POPULATION 12,582 <sup>7</sup>



PERCENTAGE OF EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES BY  
GENDER IN 2024<sup>1</sup>

6

TIMES NALOXONE  
WAS DISPENSED  
BY EMS IN 2024<sup>1</sup>

13

TOTAL EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES IN  
2024<sup>1</sup>

## 2024 EMS Responses by Substance<sup>1</sup>



# CITY OF POQUOSON

POPULATION 12,582 <sup>7</sup>

**1**

AVERAGE ED VISITS  
PER MONTH FOR ALL  
DRUG OVERDOSE IN  
2024<sup>4</sup>

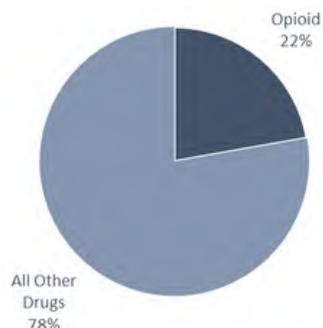
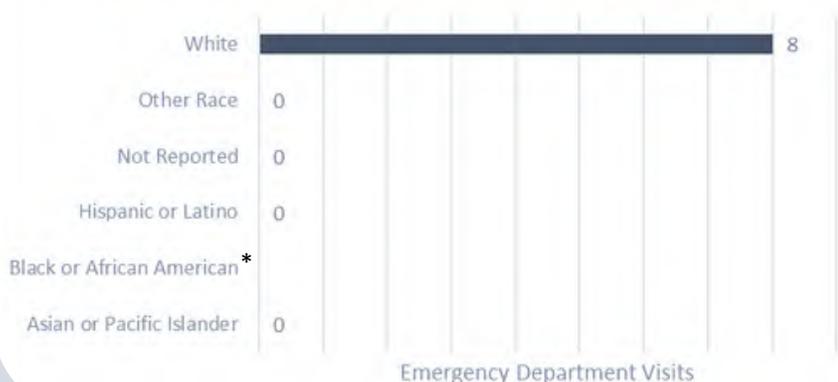
**0**

DEATHS IN 2024 DUE TO  
DRUG OVERDOSE <sup>3</sup>

<sup>3</sup>AS OF THE THIRD QUARTER

PERCENTAGE OF ED  
OVERDOSE VISITS BY  
GENDER IN 2024  
WERE SUPPRESSED TO  
MAINTAIN  
CONFIDENTIALITY<sup>4\*</sup>

Emergency Department Visits For  
Unintentional All Drug Overdose by Race in 2024<sup>2</sup>



PERCENTAGE OF ED VISITS  
FOR OPIOID OVERDOSES IN  
2024<sup>4</sup>

IN 2024 THERE WERE

**32**

TOTAL SUBSTANCE  
RELATED ARRESTS<sup>5</sup>

**24**

SUBSTANCE RELATED  
COURT CASES<sup>5</sup>

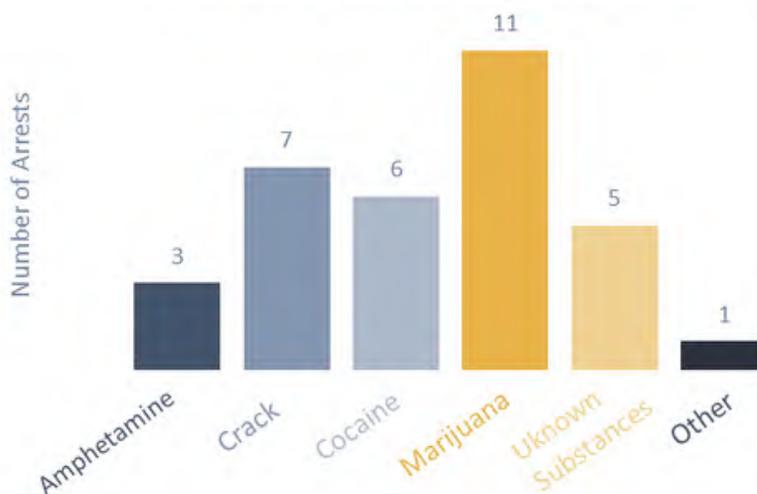
**7**

COCAINE RELATED CASES<sup>6</sup>

**1**

FENTANYL RELATED CASES<sup>6</sup>

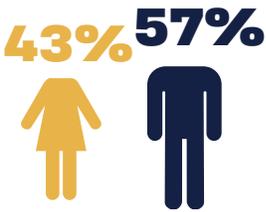
Substance Related Arrests in 2024<sup>5</sup>



\*COUNTS OF 1-4 AND CORRESPONDING RATES ARE SUPPRESSED TO MAINTAIN CONFIDENTIALITY  
\*\*ED VISITS WERE IDENTIFIED USING THE UNINTENTIONAL ALL DRUG OVERDOSE CASE DEFINITION

# CITY OF WILLIAMSBURG

POPULATION 15,909 <sup>7</sup>



PERCENTAGE OF EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES BY  
GENDER IN 2024<sup>1</sup>

8

TIMES NALOXONE  
WAS DISPENSED  
BY EMS IN 2024<sup>1</sup>

16-19  
YEARS OLD

AVERAGE AGE RANGE  
OF EMS SUBSTANCE USE  
INCIDENT RESPONSES IN  
2024<sup>1</sup>

100

TOTAL EMS  
SUBSTANCE USE  
INCIDENT  
RESPONSES IN  
2024<sup>1</sup>

## 2024 EMS Responses by Substance<sup>1</sup>



# CITY OF WILLIAMSBURG

POPULATION 15,909 <sup>7</sup>



**84**

SUBSTANCE  
RELATED COURT  
CASES IN 2024<sup>5</sup>

**63**

TOTAL  
SUBSTANCE  
RELATED ARRESTS  
IN 2024<sup>5</sup>

**3**

DEATHS IN 2024 DUE TO  
DRUG OVERDOSE<sup>3</sup>  
\*AS OF THE THIRD QUARTER

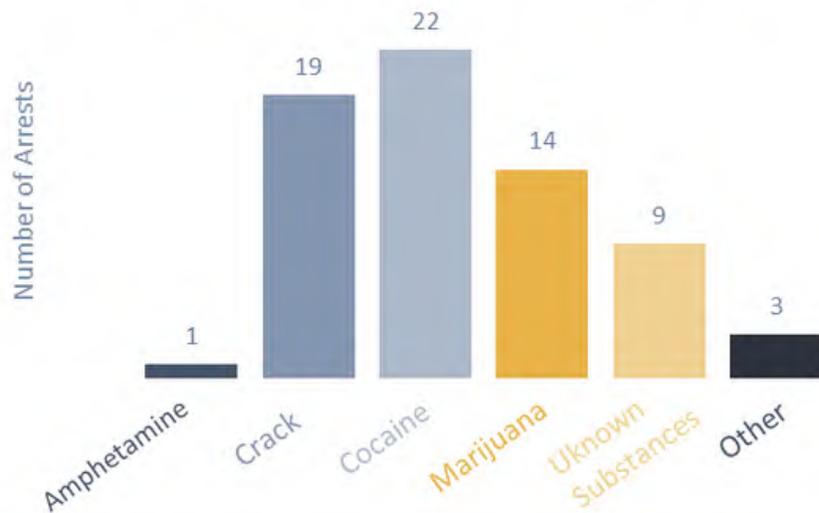
**60**

COCAINE  
RELATED CASES  
IN 2024<sup>6</sup>

**4**

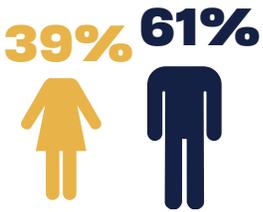
FENTANYL  
RELATED CASES  
IN 2024<sup>6</sup>

Substance Related Arrests in 2024<sup>5</sup>



# COUNTY OF YORK

POPULATION 71,341<sup>7</sup>



PERCENTAGE OF EMS SUBSTANCE USE INCIDENT RESPONSES BY GENDER IN 2024<sup>1</sup>

20

TIMES NALOXONE WAS DISPENSED BY EMS IN 2024<sup>1</sup>

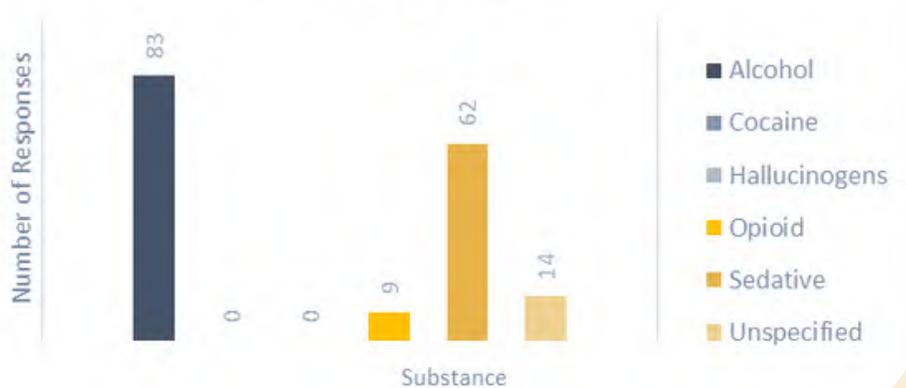
30-39  
YEARS OLD

AVERAGE AGE RANGE OF EMS SUBSTANCE USE INCIDENT RESPONSES IN 2024<sup>1</sup>

184

TOTAL EMS SUBSTANCE USE INCIDENT RESPONSES IN 2024<sup>1</sup>

2024 EMS Responses by Substance<sup>1</sup>



# COUNTY OF YORK

POPULATION 71,341 <sup>7</sup>

**6**

AVERAGE ED VISITS PER MONTH FOR ALL DRUG OVERDOSE IN 2024<sup>4</sup>

**7**

DEATHS IN 2024 DUE TO DRUG OVERDOSE<sup>3</sup>

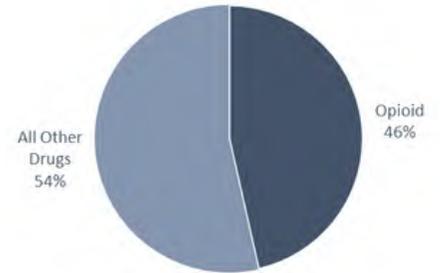
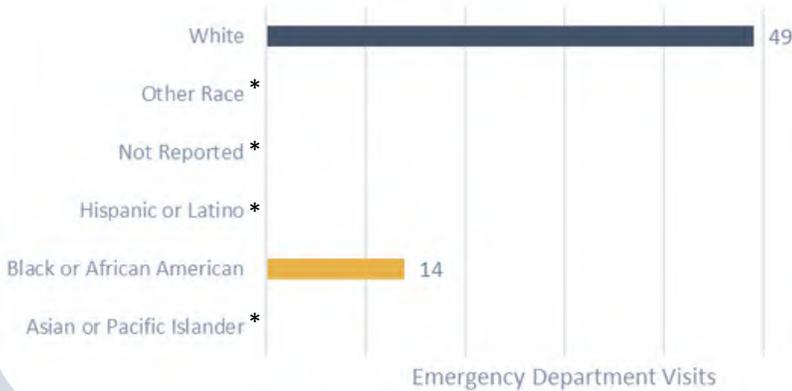
\*AS OF THE THIRD QUARTER

**51%** **49%**



PERCENTAGE OF ED OVERDOSE VISITS BY GENDER IN 2024<sup>4</sup>

Emergency Department Visits For Unintentional All Drug Overdose by Race in 2024<sup>2</sup>



PERCENTAGE OF ED VISITS FOR OPIOID OVERDOSES IN 2024<sup>4</sup>

IN 2024 THERE WERE

**99**

TOTAL SUBSTANCE RELATED ARRESTS<sup>5</sup>

**108**

SUBSTANCE RELATED COURT CASES<sup>5</sup>

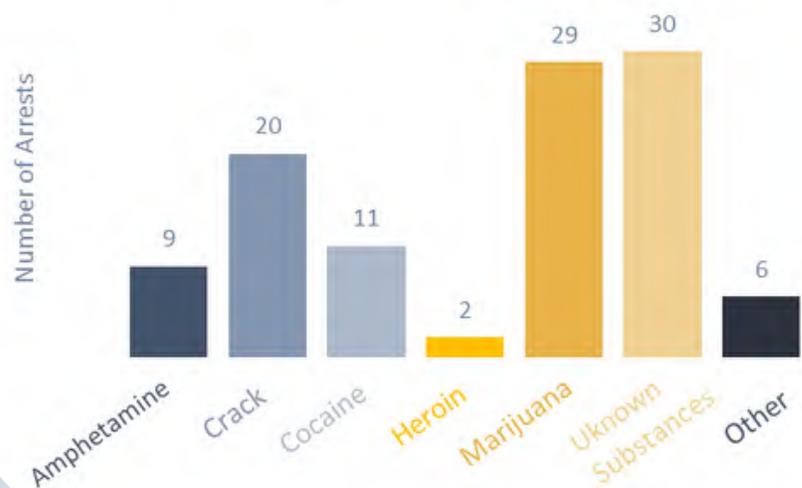
**55**

COCAINE RELATED CASES<sup>6</sup>

**6**

FENTANYL RELATED CASES<sup>6</sup>

Substance Related Arrests in 2024<sup>5</sup>



\*COUNTS OF 1-4 AND CORRESPONDING RATES ARE SUPPRESSED TO MAINTAIN CONFIDENTIALITY  
 \*\*ED VISITS WERE IDENTIFIED USING THE UNINTENTIONAL ALL DRUG OVERDOSE CASE DEFINITION

## References

1. Framework for Addiction Analysis and Community Transformation (FAACT). NEMSIS. Version 3.5. VDH- Emergency Medical Services; 2024. Accessed March 15, 2025.
2. Virginia Department of Health. ESSENCE. Syndromic Demographic Emergency Department Visits Data; 2024. Accessed March 17, 2025.
3. Virginia Department of Health, Office of the Chief Medical Examiner. Fatal Drug Overdose Quarterly Report, 3rd Quarter 2024. Edition 2024.3. Published January 2025. Accessed March 25, 2025. <https://www.vdh.virginia.gov/content/uploads/sites/18/2025/01/Quarterly-Drug-Death-Report-FINAL-Q3-2024.pdf>.
4. Virginia Department of Health. ESSENCE. Syndromic Drug Overdose Emergency Department Data; 2024. Accessed March 17, 2025.
5. Framework for Addiction Analysis and Community Transformation (FAACT). VSP State Police Dashboard; 2024. Accessed March 17, 2025
6. Framework for Addiction Analysis and Community Transformation (FAACT). DFS Tested Substances Dashboard; 2024. Accessed March 15, 2025
7. County Health Rankings & Roadmaps. Health Data. Accessed March 17, 2025. <https://www.countyhealthrankings.org/health-data>