



# Substance Use and Overdoses in Anne Arundel County

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Anne Arundel County Department of Health

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# Data Sources on Substance Use and Overdoses

- Youth Risk Behavior Survey (YRBS), 2013
- Behavioral Health Administration (BHA), Maryland Department of Health and Mental Hygiene (DHMH) Substance Abuse Treatment Data
- Substance Use Hospital Data
- Anne Arundel County Police Overdose Data, 2014
- Intoxication Deaths, Maryland Office of the Chief Medical Examiner (OCME)
- OCME Data provided by BHA, Overdose Deaths, January 2014-July 2014, Anne Arundel County

# Youth Risk Behavior Survey

- Conducted in 2013 in 13 Anne Arundel County High Schools
- Sample size: 3,616

# YRBS Anne Arundel County High Schools, 30 Day Use of Substances, 2013

	Anne Arundel County	Maryland
Alcohol	34.90%	31.20%
Marijuana	19.90%	19.80%
Cigarettes	13.70%	11.90%

# YRBS Anne Arundel County High Schools, Ever Use of Substances, 2013

	Anne Arundel County	Maryland
Alcohol	65.20%	60.90%
Marijuana	36.60%	35.90%
Prescription Drugs	17.30%	15.20%
Inhalants	9.60%	10.40%
Ecstasy	9.40%	8.30%
Cocaine	7.40%	6.50%
Methamphetamines	5.60%	5.00%
Heroin	5.40%	4.90%
Steroids	5.20%	5.10%

# YRBS Anne Arundel County Heroin Use by Age, 2013

Age in yrs.	Anne Arundel County	Maryland
<15	4.30%	4.80%
16 or 17	5.50%	4.40%
18+	10.70%	7.90%

# YRBS Anne Arundel County Heroin Use by Race, 2013

Race/Ethnicity	Anne Arundel County	Maryland
Hispanic	14.20%	8.30%
Asian	8.10%	not available
Black	5.90%	5.10%
White	3.60%	3.10%

# YRBS Anne Arundel County Other Relevant Questions, 2013

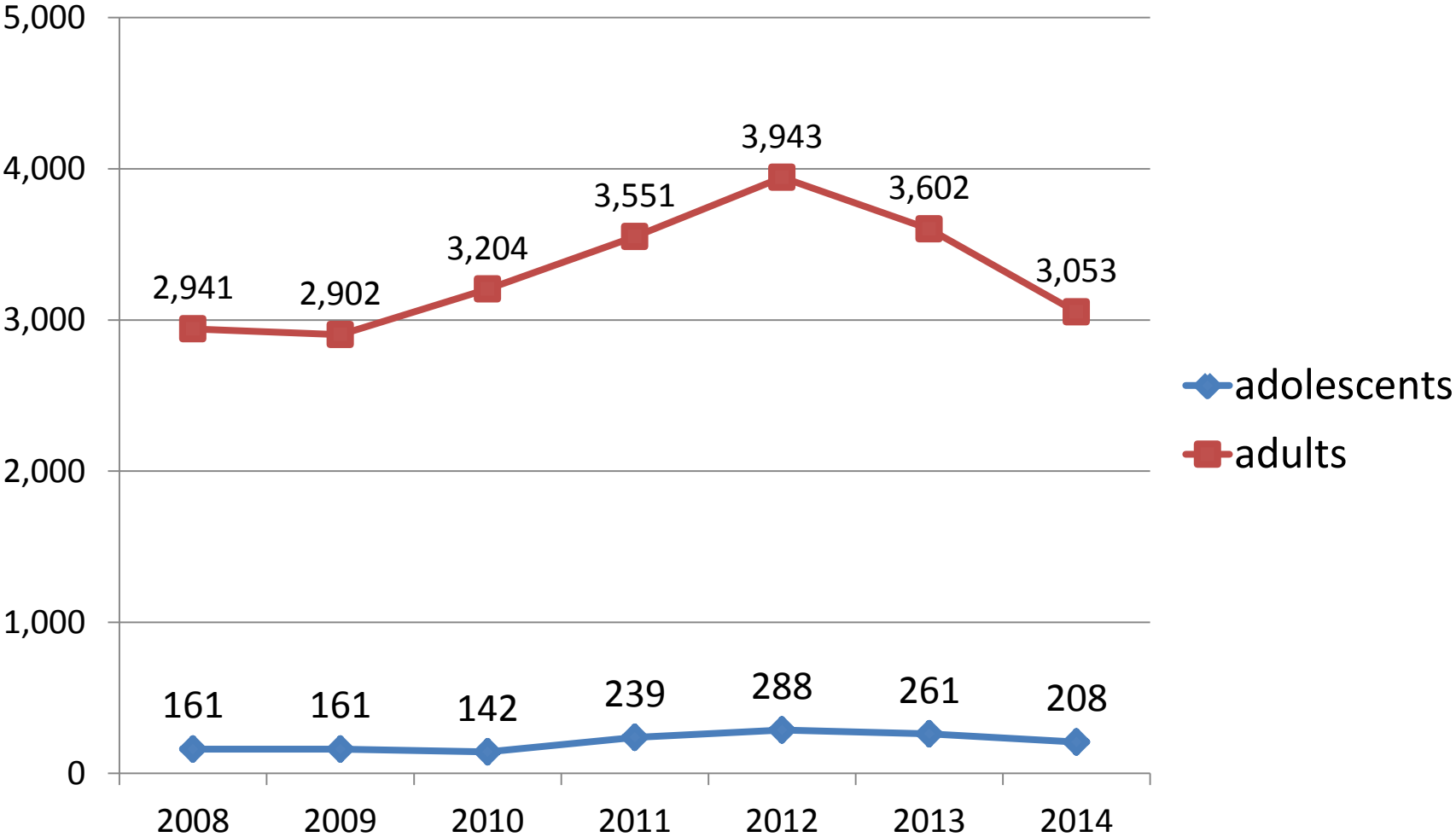
	Anne Arundel County	Maryland
Ever use of needle to inject drugs	4.30%	3.90%
% of students offered, sold, given illegal drugs on school property in the last 12 months	30.90%	29.10%



# Treatment Data

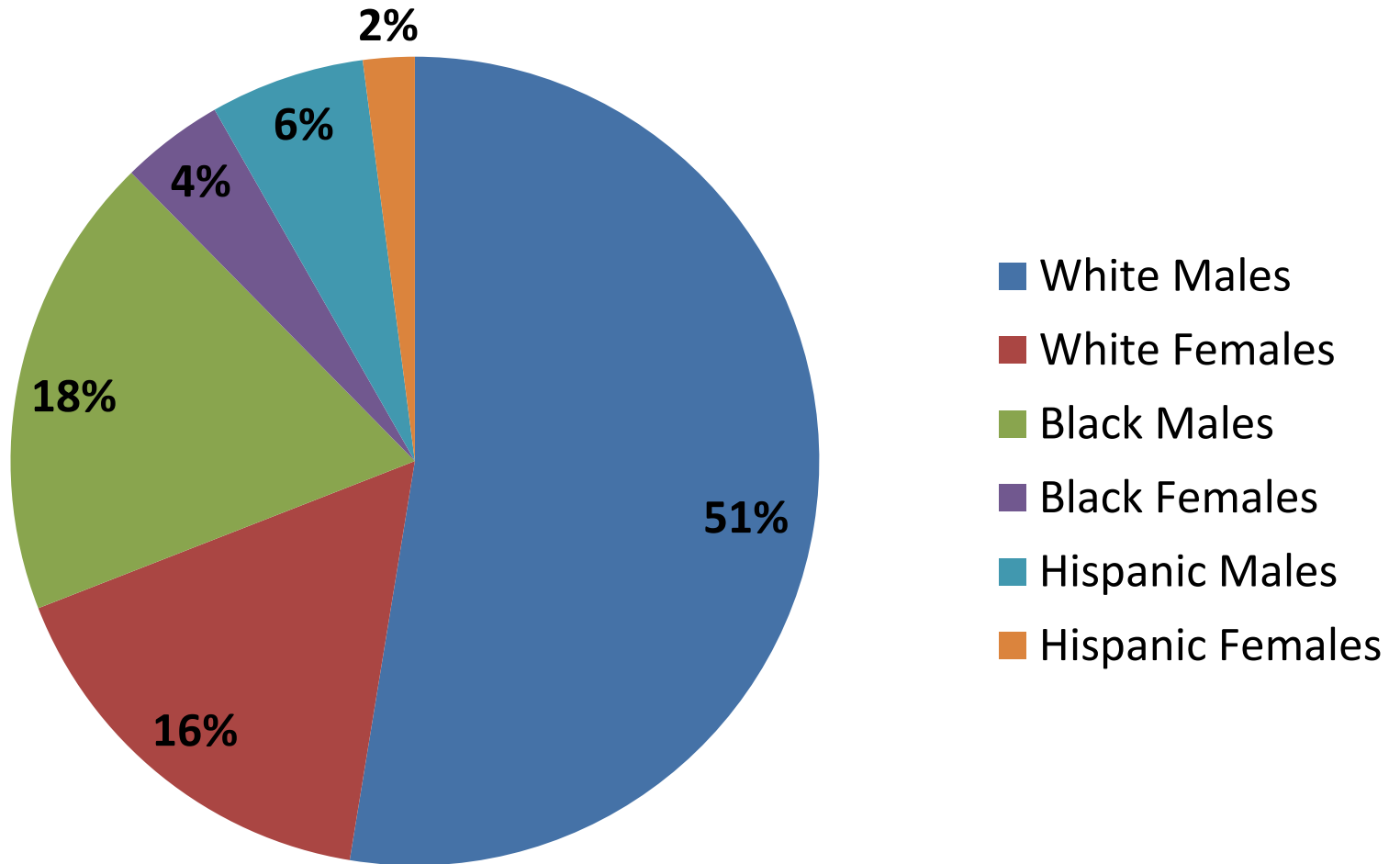
Behavioral Health Administration  
Maryland Department of Health and  
Mental Hygiene (DHMH)

# Number of Adults and Adolescents in State Supported Treatment, Anne Arundel County, FY2008-2014

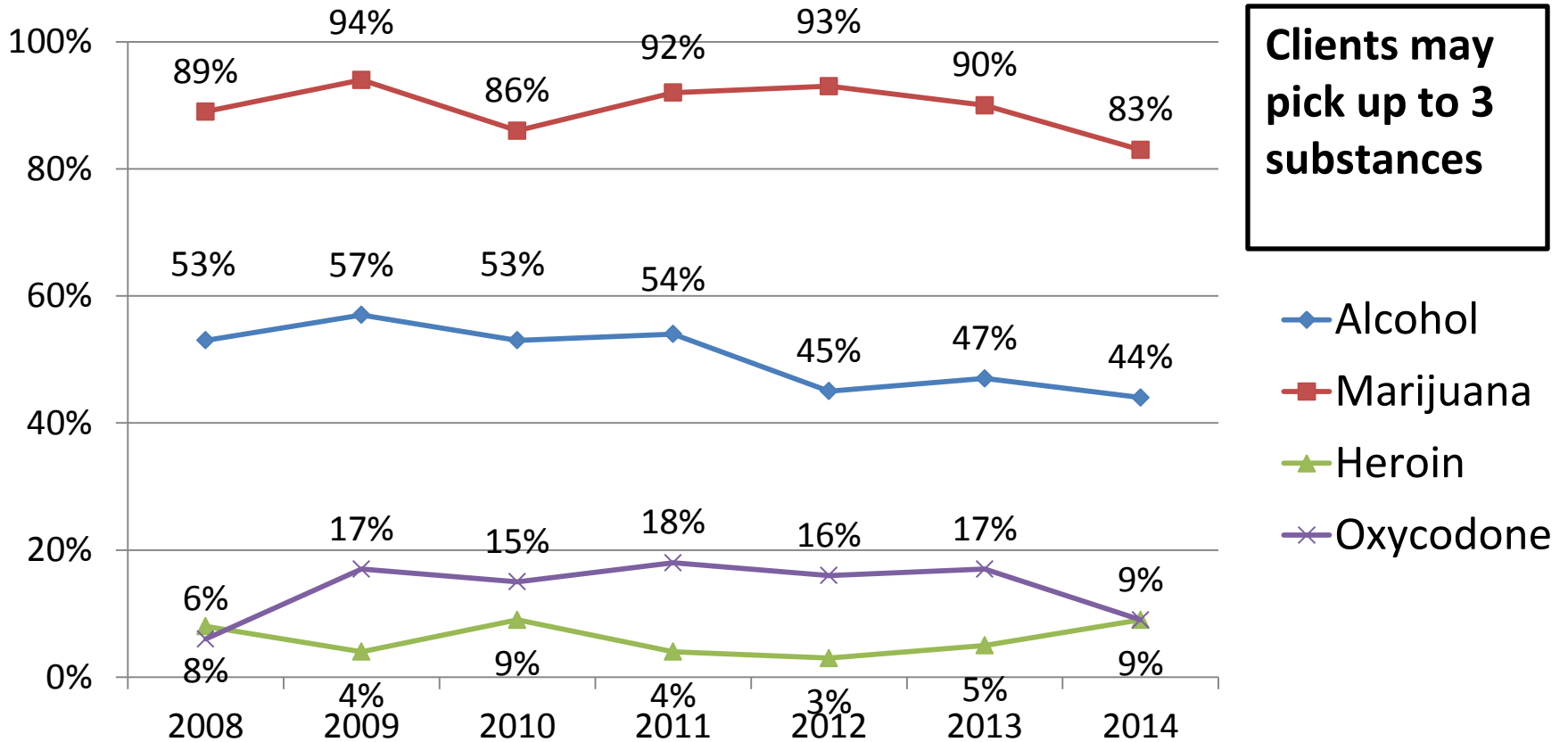


Source: Behavioral Health Administration, Maryland DHMH

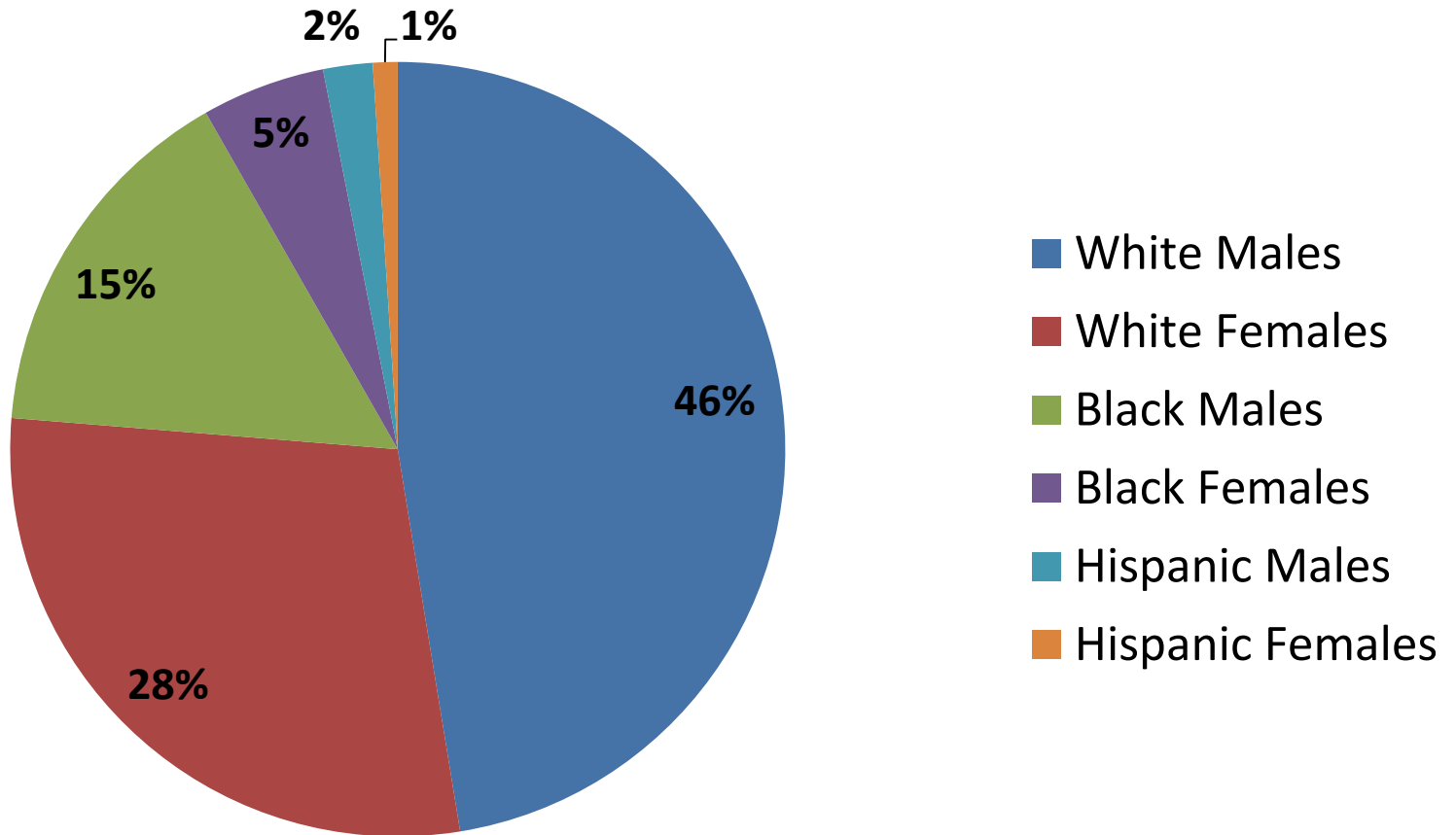
# Adolescents in State Supported Treatment by Race, Anne Arundel County, FY2014



# Adolescents in State Supported Treatment, Anne Arundel County, FY2008-FY2014 Drugs of Choice

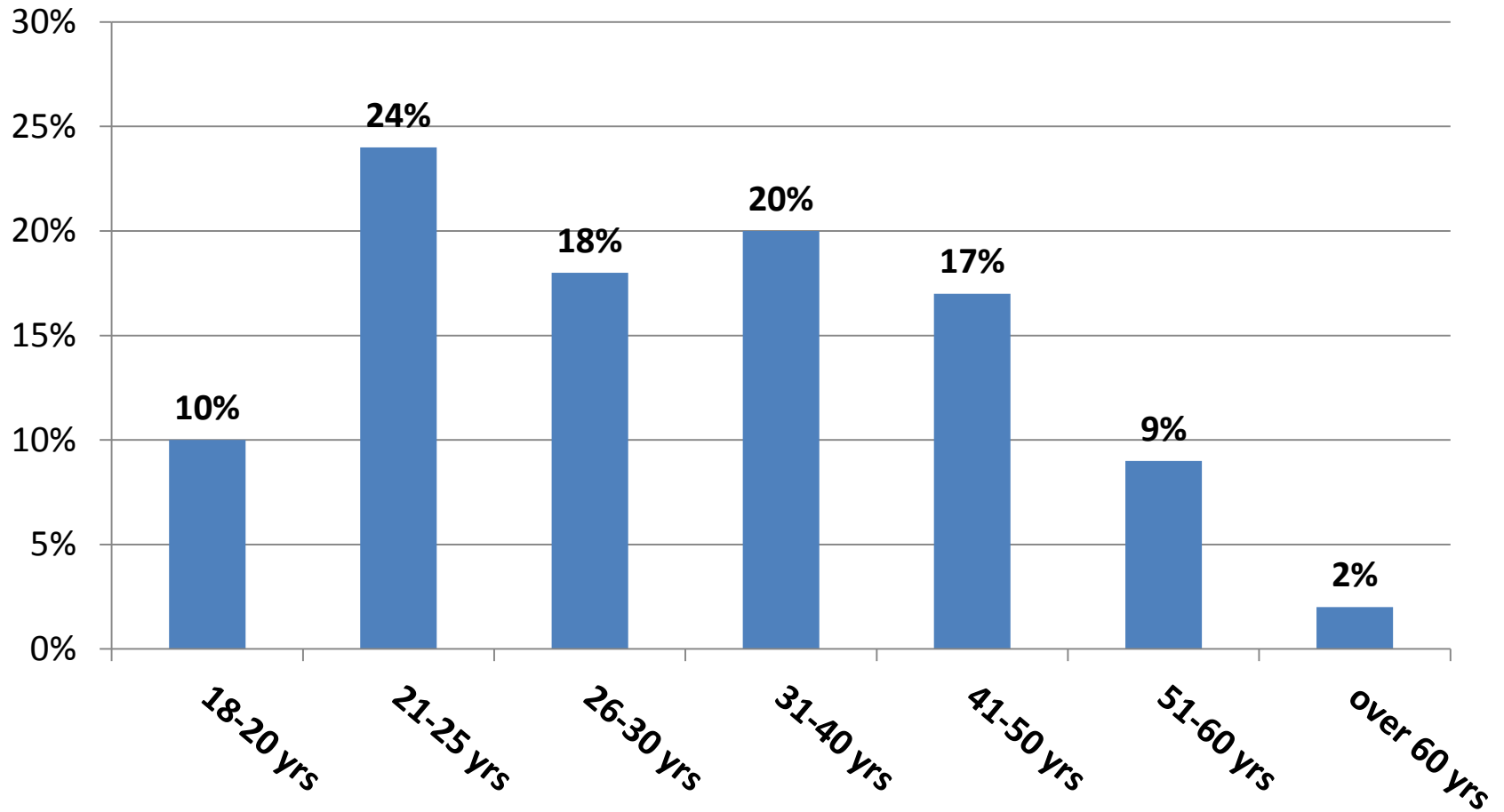


# Adults in State Supported Treatment by Race, Anne Arundel County, FY2014

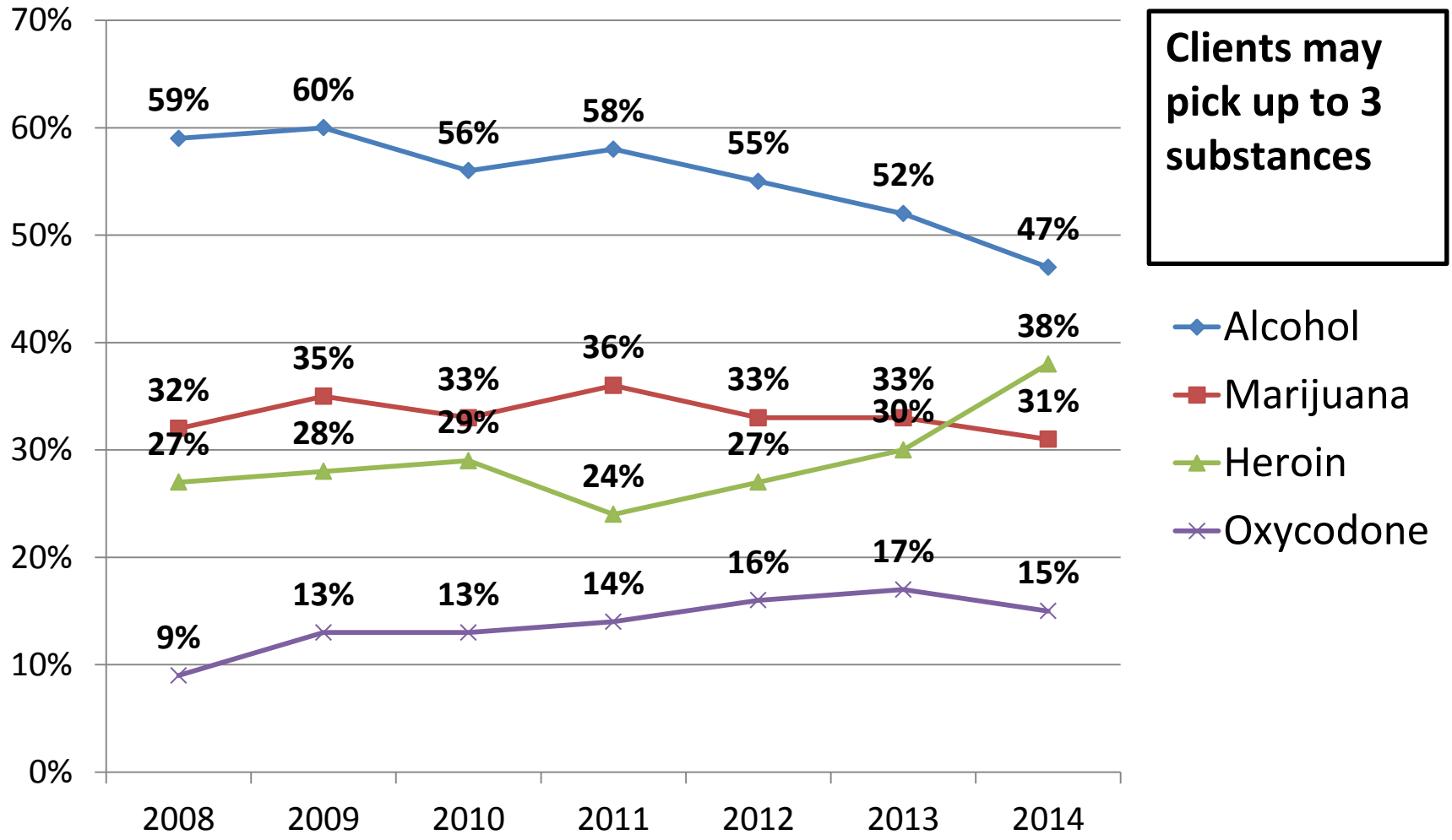


# Adults in State Supported Treatment by Age, Anne Arundel County, FY2014

N=3,053

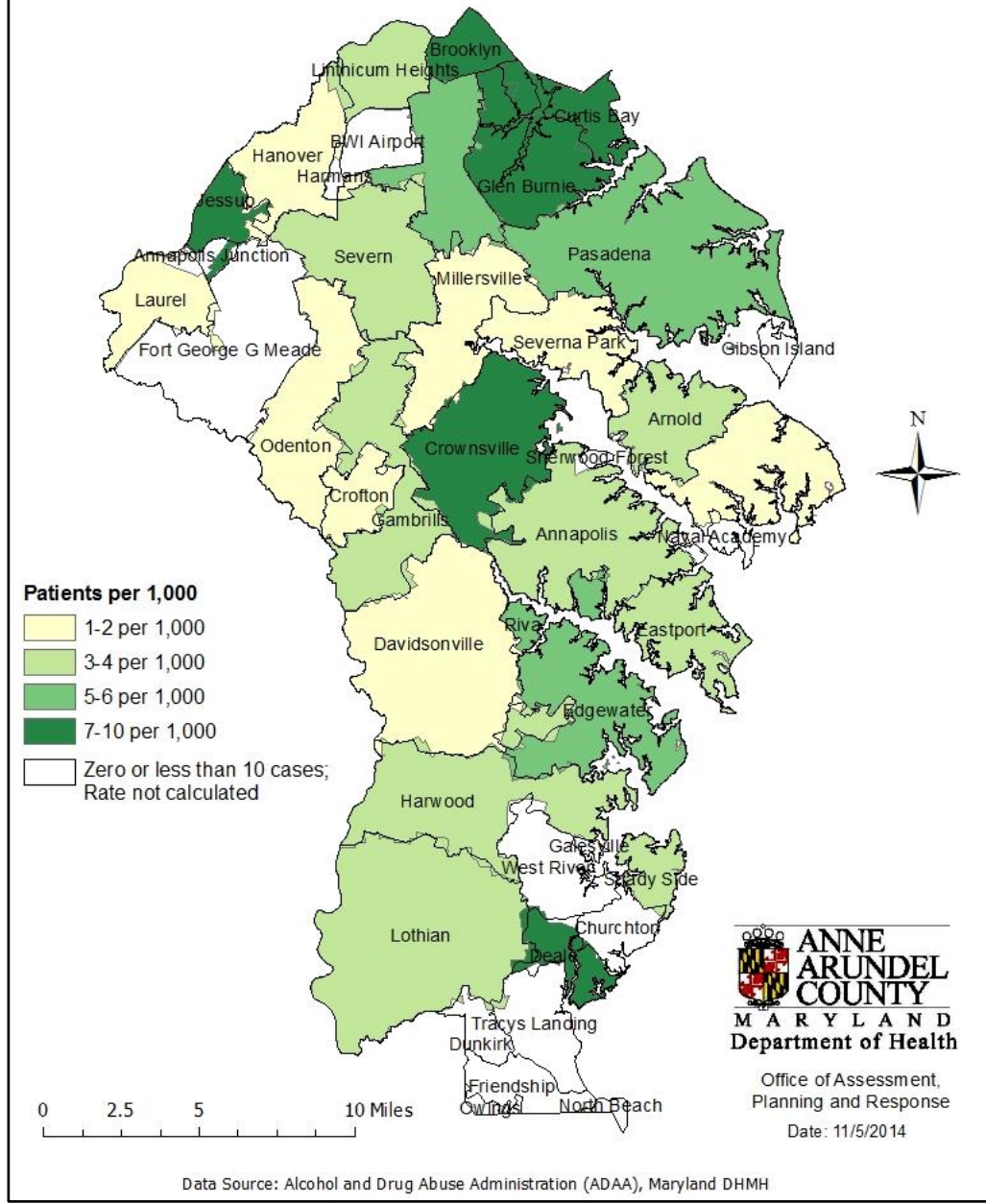


# Adults in State Supported Treatment by Drugs of Choice, Anne Arundel County, FY2008-FY2014



Source: Behavioral Health Administration, Maryland DHMH

**Residents Active in State Supported Alcohol and Drug Abuse Treatment  
( per 1,000 Population) by ZIP Code  
Anne Arundel County Residents, October 2013**

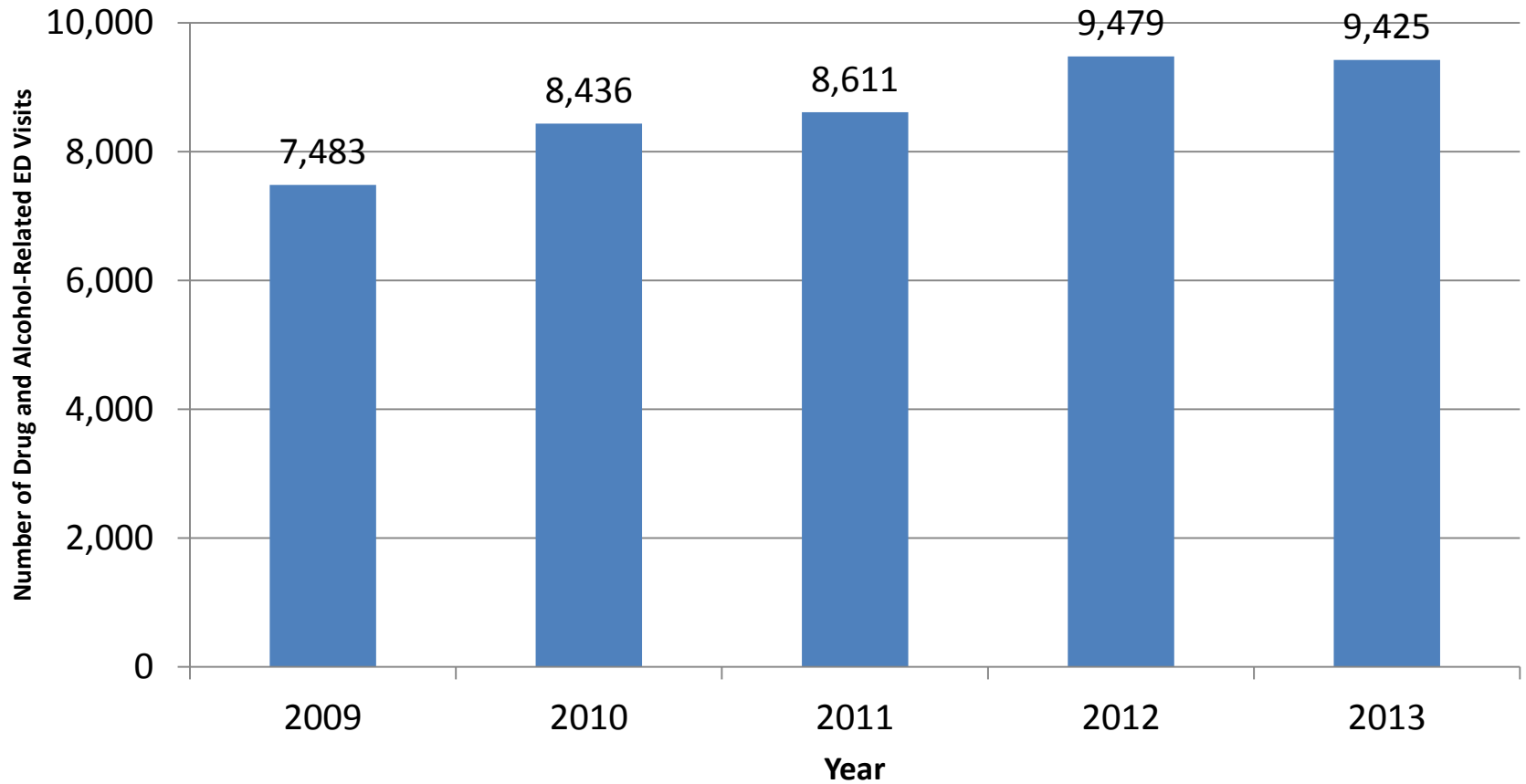


Data Source: Alcohol and Drug Abuse Administration (ADAA), Maryland DHMH

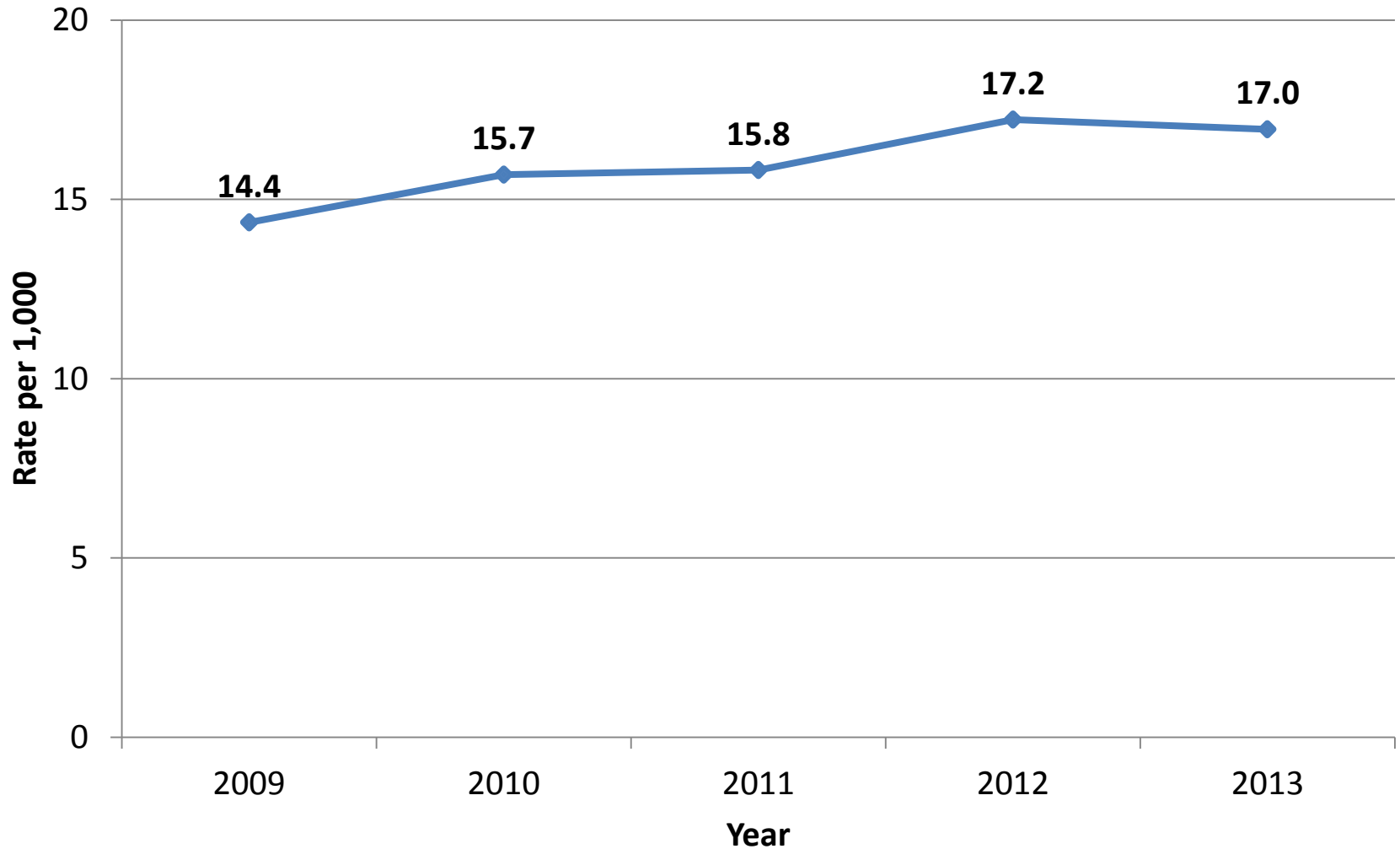


# Substance or Alcohol-Related ED Visits

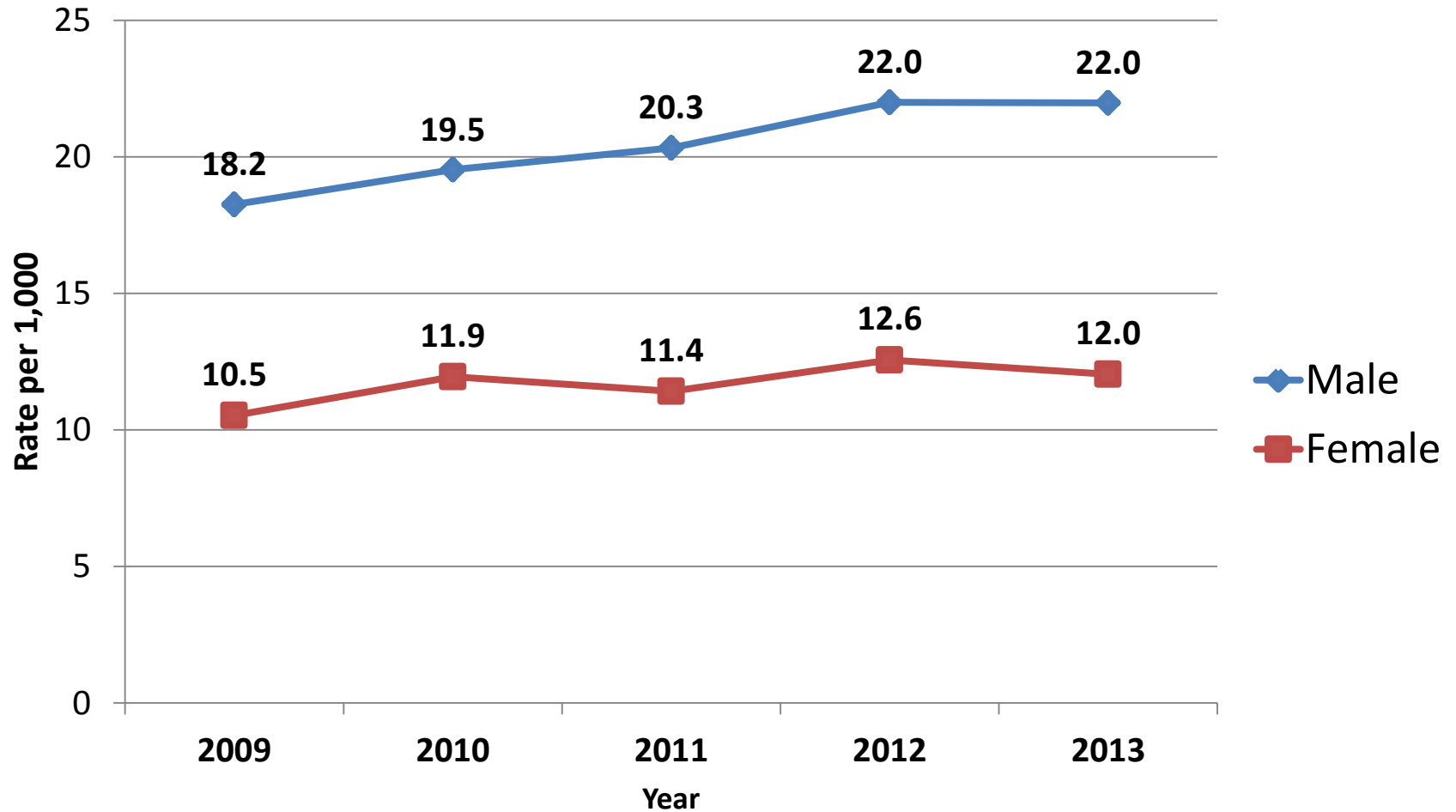
# Number of Substance or Alcohol-Related ED Visits, Anne Arundel County, CY2009-2013



# Rate of Substance or Alcohol-Related ED Visits, Anne Arundel County, CY2009-2013



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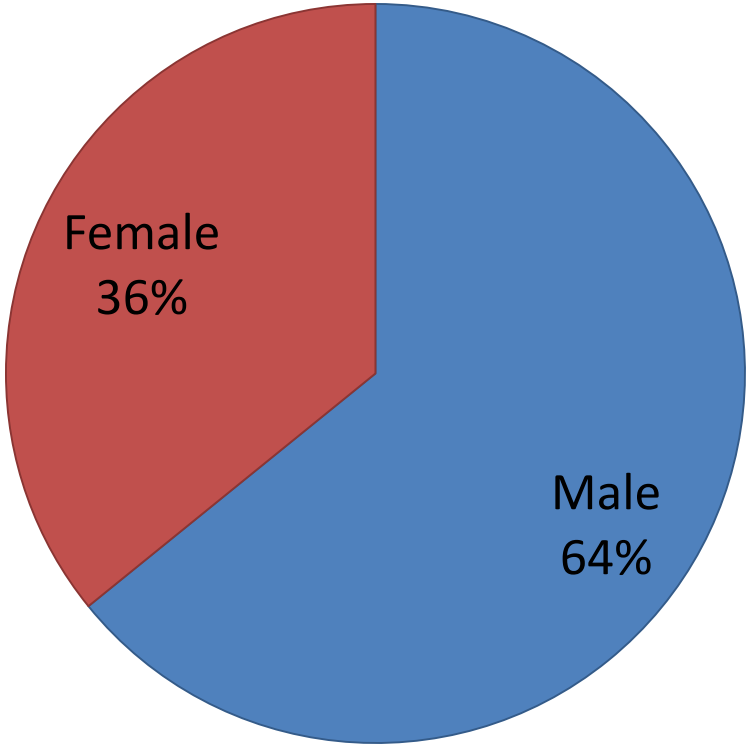


# Substance or Alcohol Related ED Visits, Anne Arundel County, CY2013

- Number of ED Visits=9,425
  - Includes both Acute and Chronic Cases
- Number of Patients=7,025
  - ~39% (2,719) Patients made >1 ED Visits

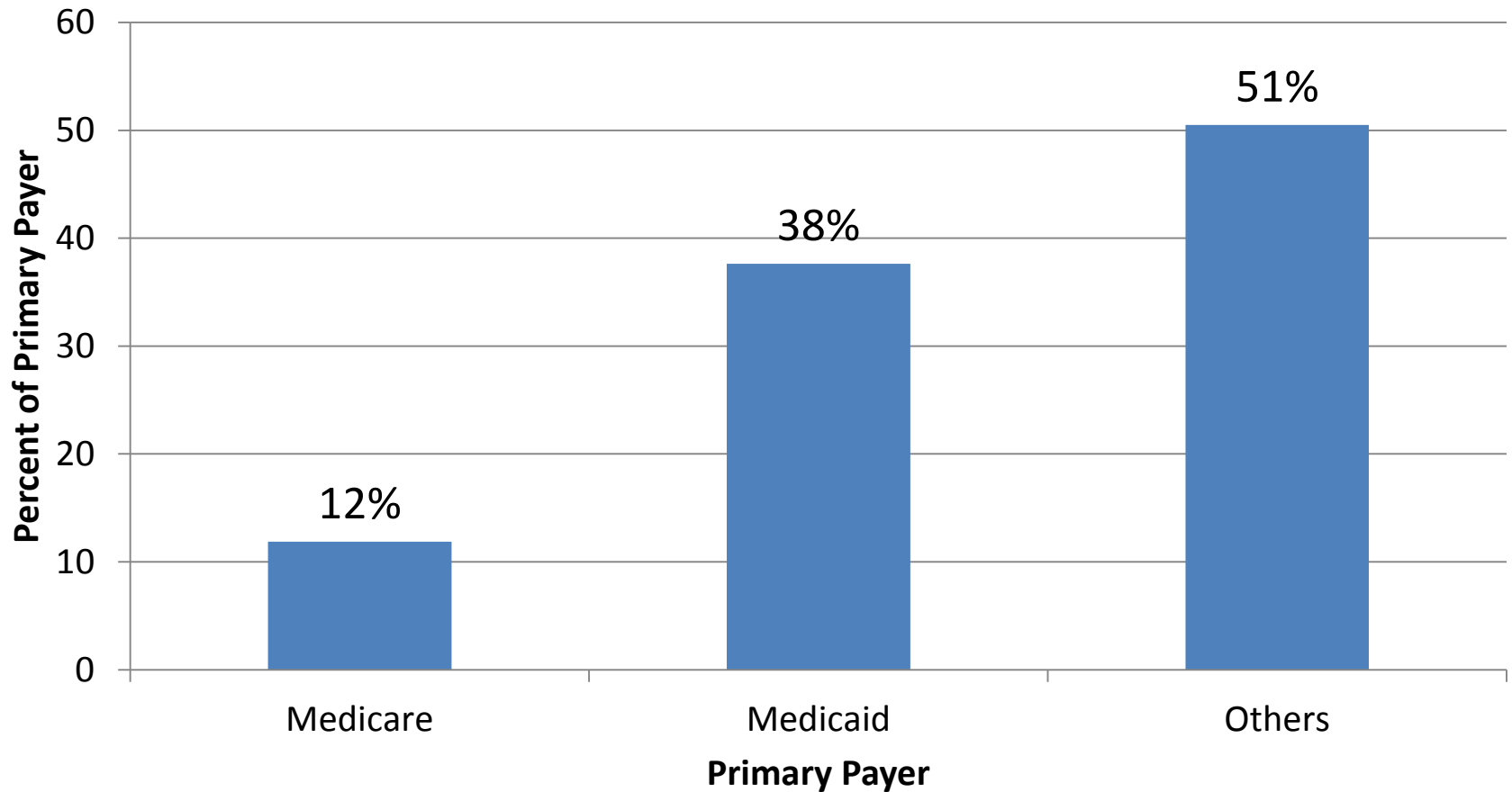
# Percent of Substance or Alcohol-Related ED Visits by Gender, Anne Arundel County, CY2013

**N=9,425**



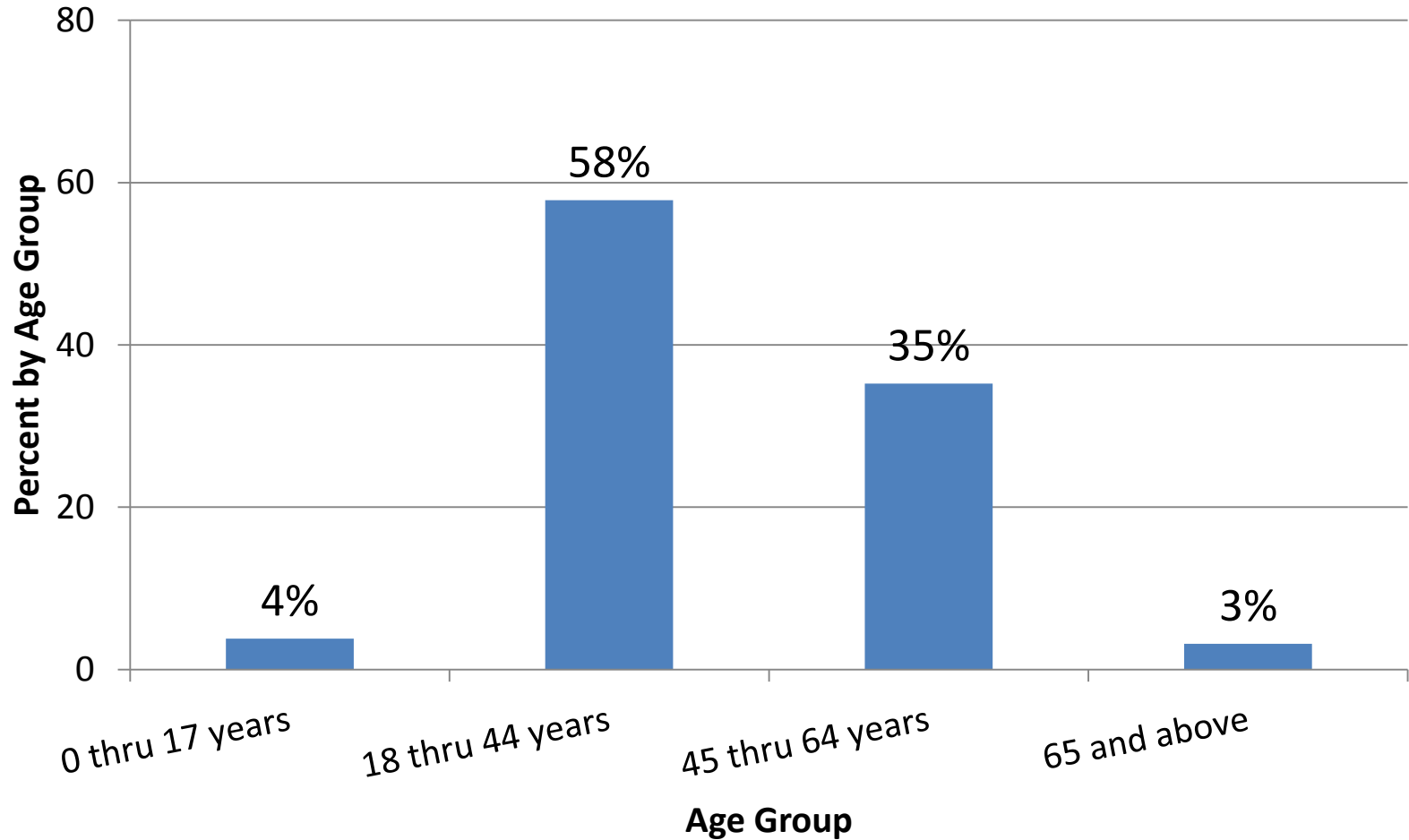
# Primary Payer for Substance or Alcohol-Related ED Visits, Anne Arundel County, CY2013

N=9,425



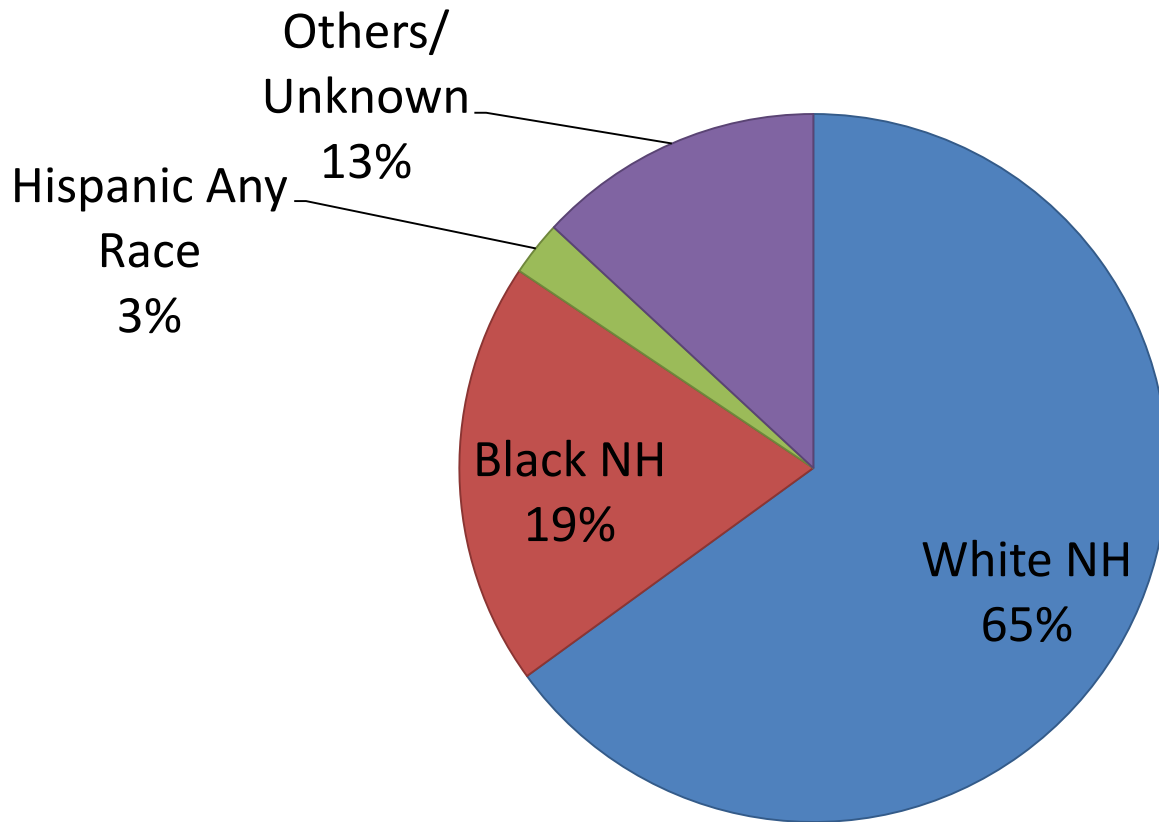
# Substance or Alcohol-Related ED Visits by Age Group, Anne Arundel County, CY2013

N=9,425

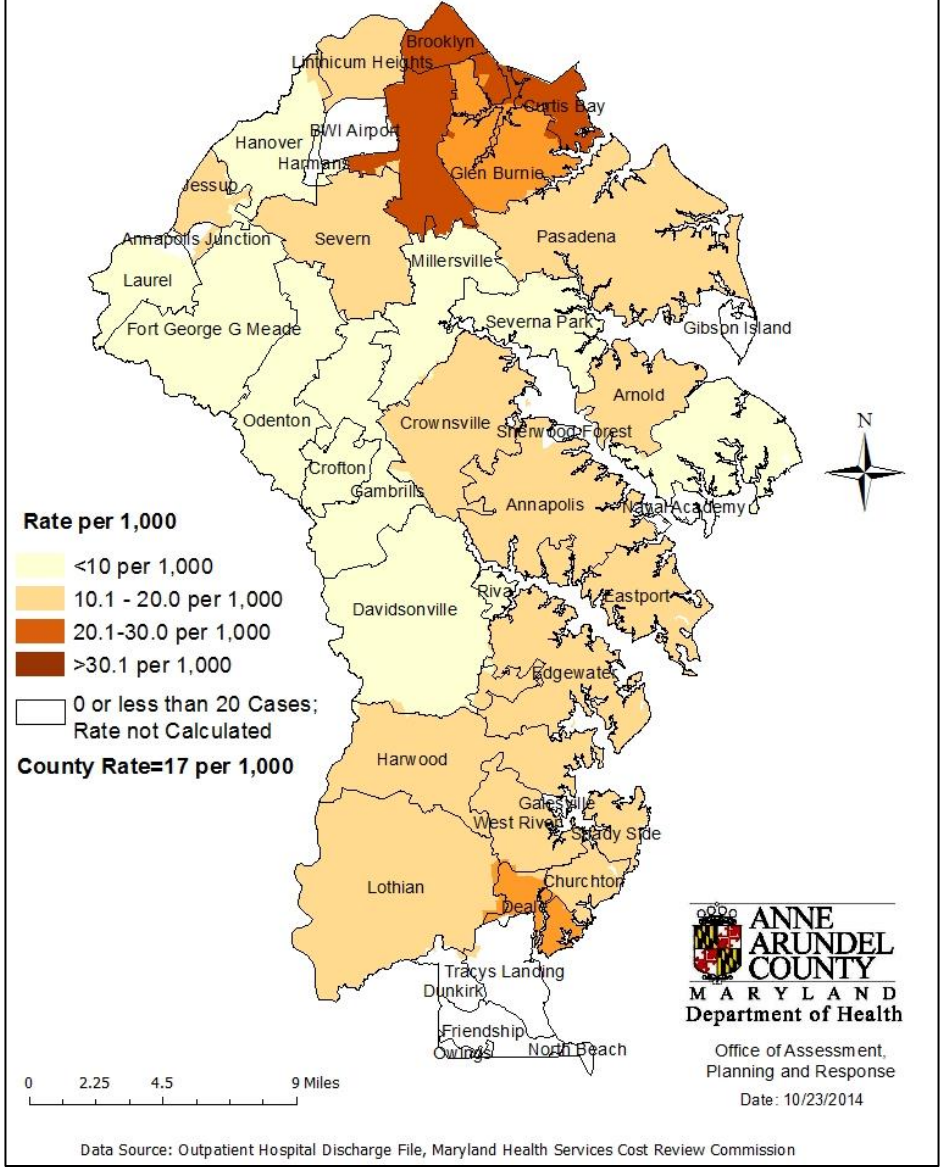




# Percent of Substance or Alcohol-Related ED Visits by Race/Ethnicity, Anne Arundel County, CY2013 N=9,425



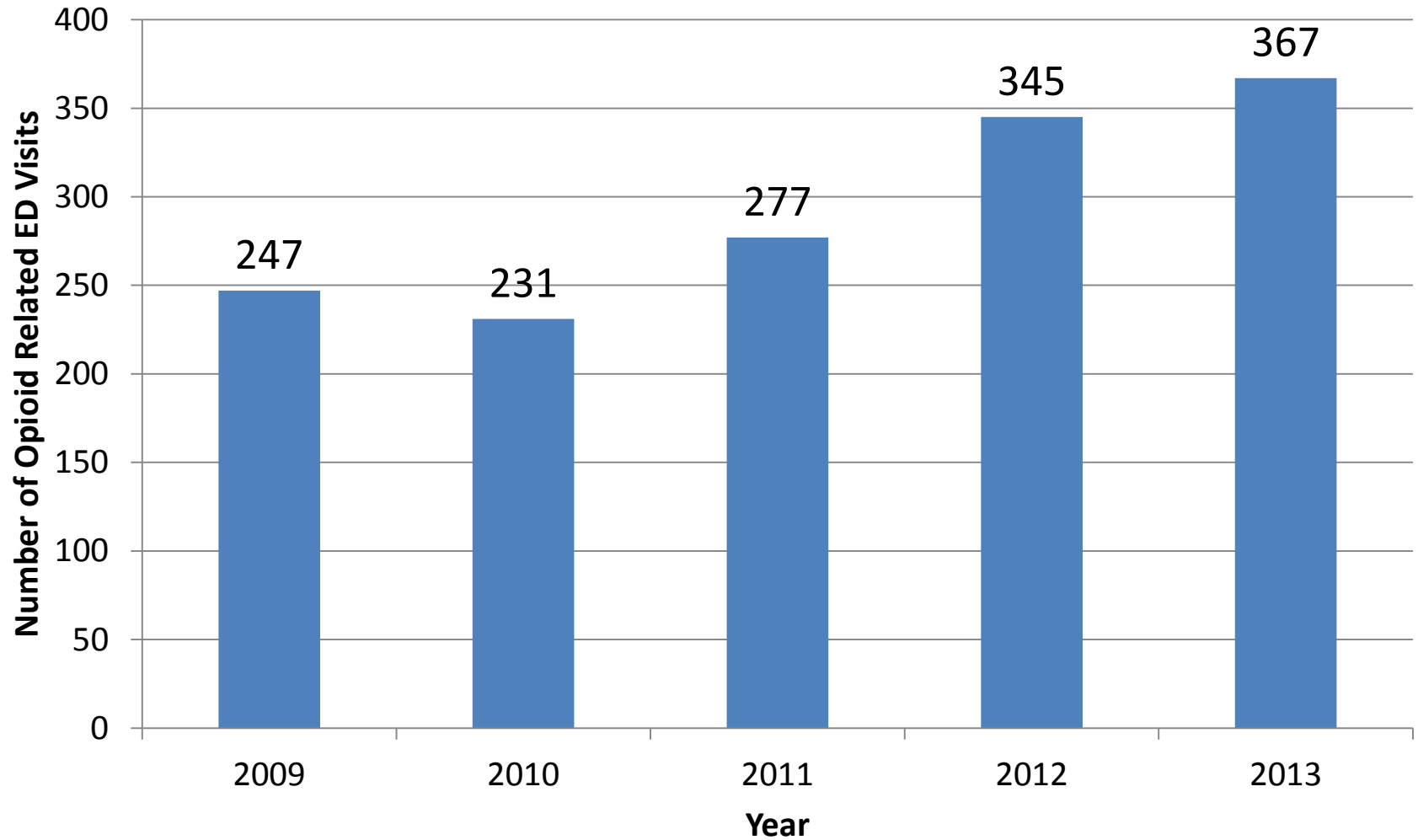
**Substance and Alcohol Related ED Visit Rate per 1,000 Population  
Anne Arundel County, 2013**



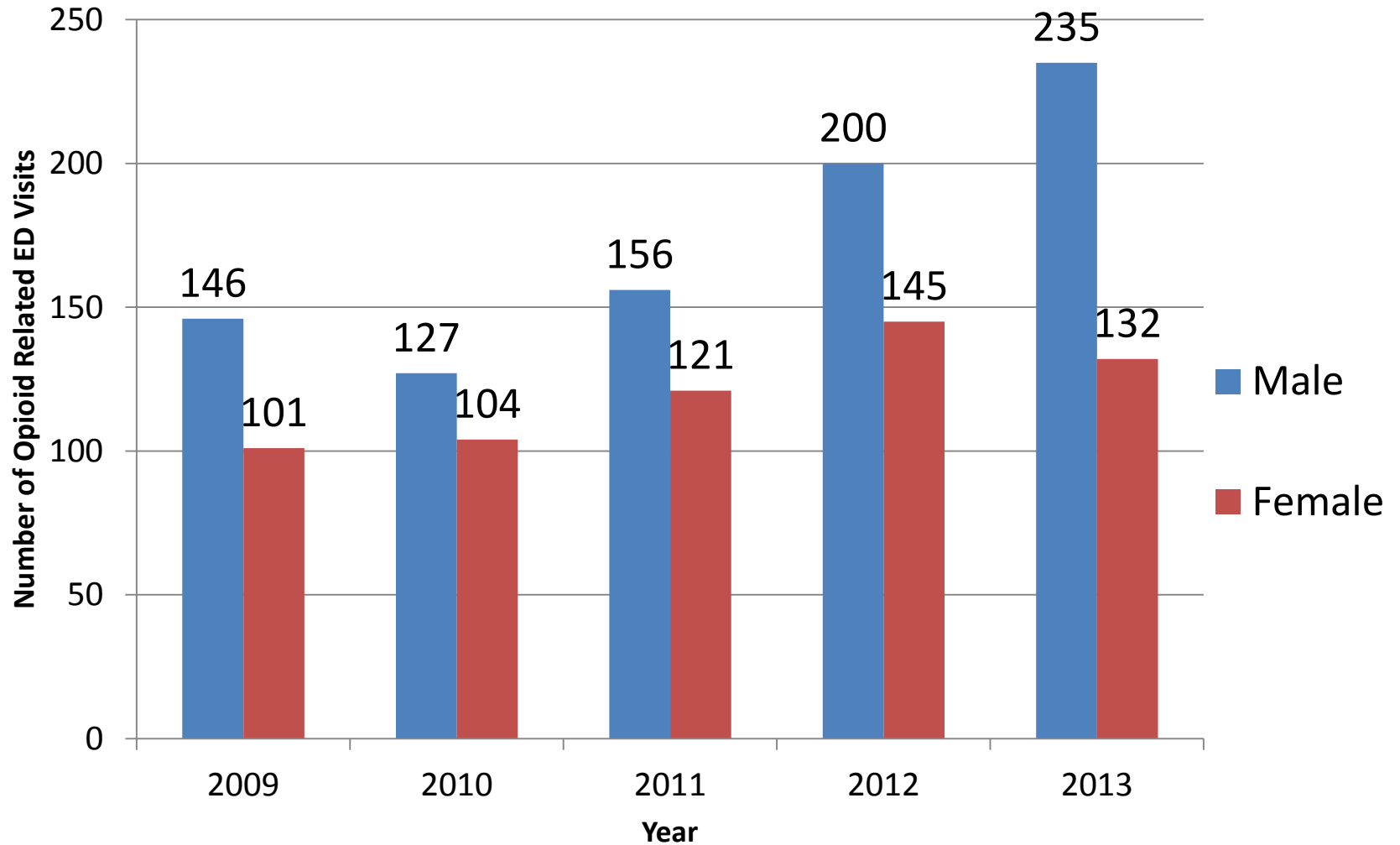
Data Source: Outpatient Hospital Discharge File, Maryland Health Services Cost Review Commission

**Any Opioid-Related ED Visits**

## Number of Any Opioid-Related ED Visits, Anne Arundel County, CY2009-2013



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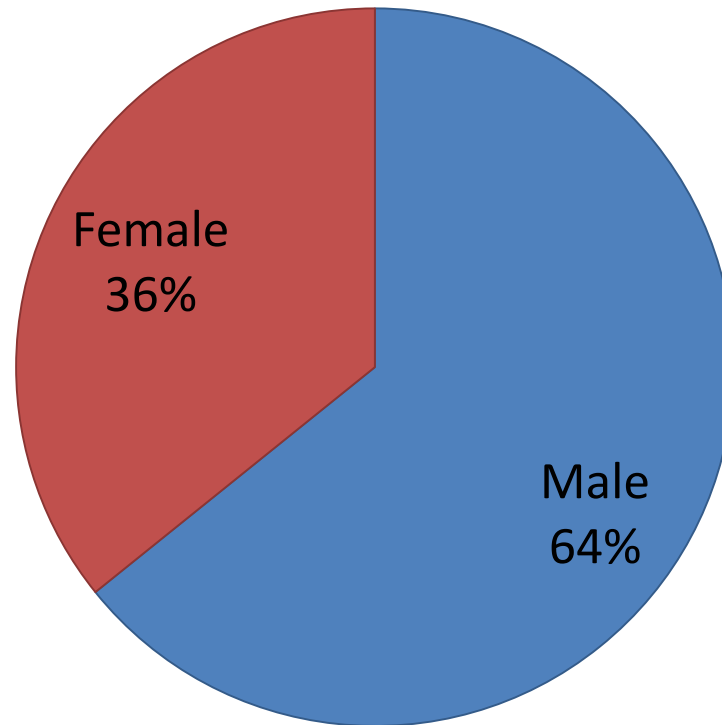


# Opioid-Related ED Visits, Anne Arundel County, CY2013

- Number of ED Visits=364  
    Only Poisoning(Overdose) cases
- Number of Patients=289
  - 36% (104) Patients made >1 ED Visits

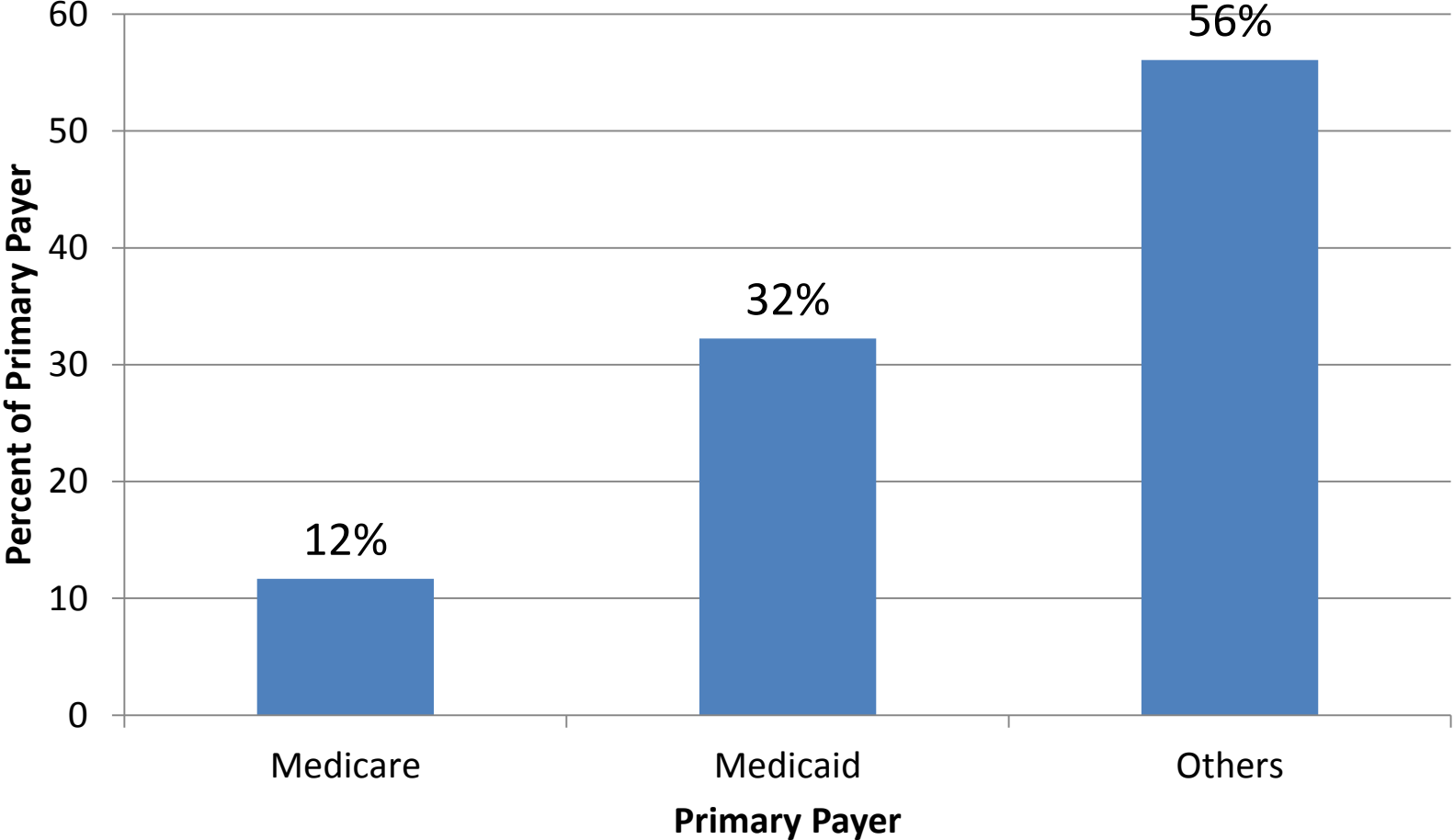
# Percent of Any Opioid-Related ED Visits by Gender, Anne Arundel County, CY2013

**N=364**



# Primary Payer for Any Opioid-Related ED Visits, Anne Arundel County, CY2013

**N=364**

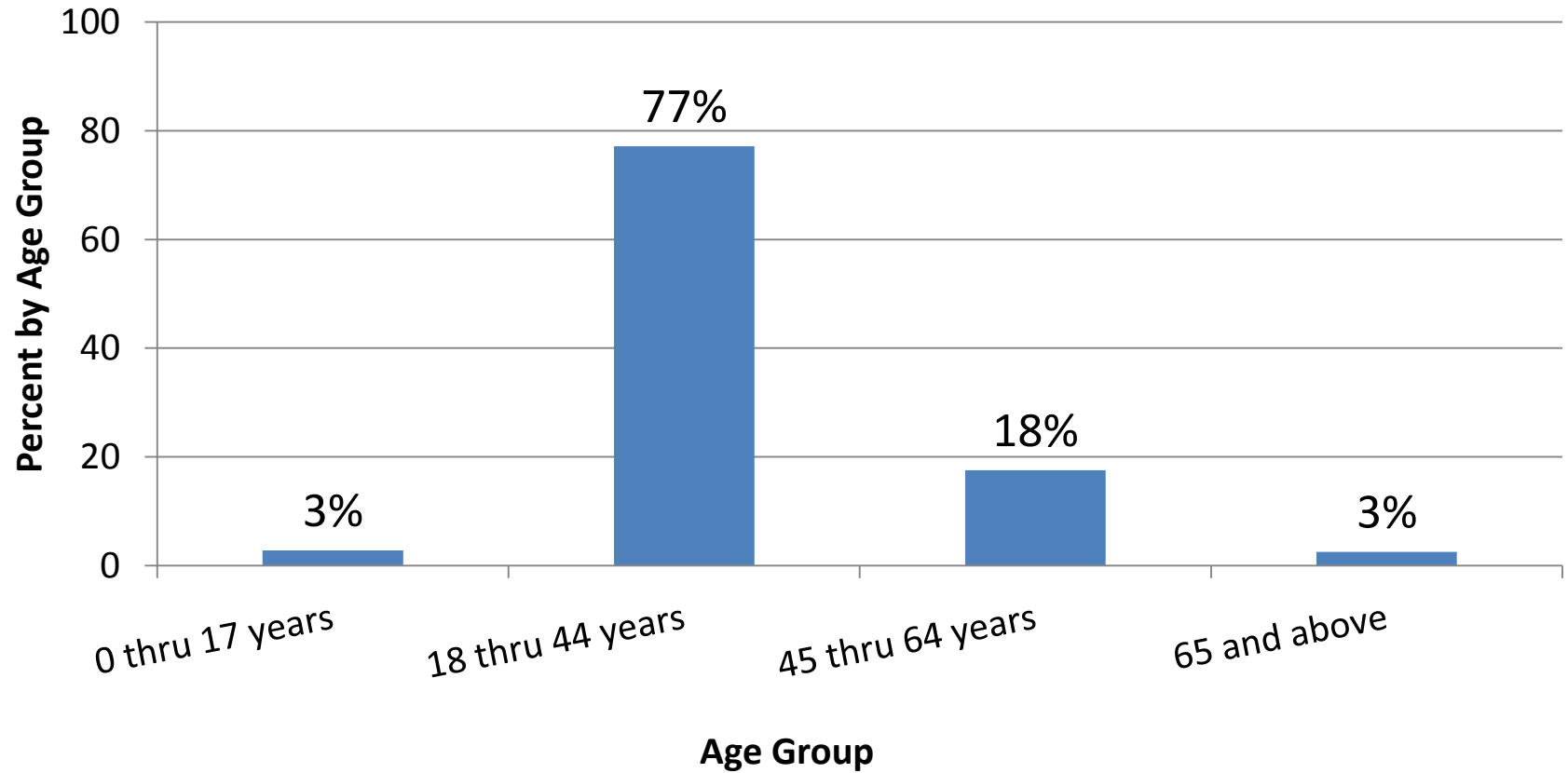


Source: Outpatient Hospital Discharge Data, Maryland Health Services Cost Review Commission



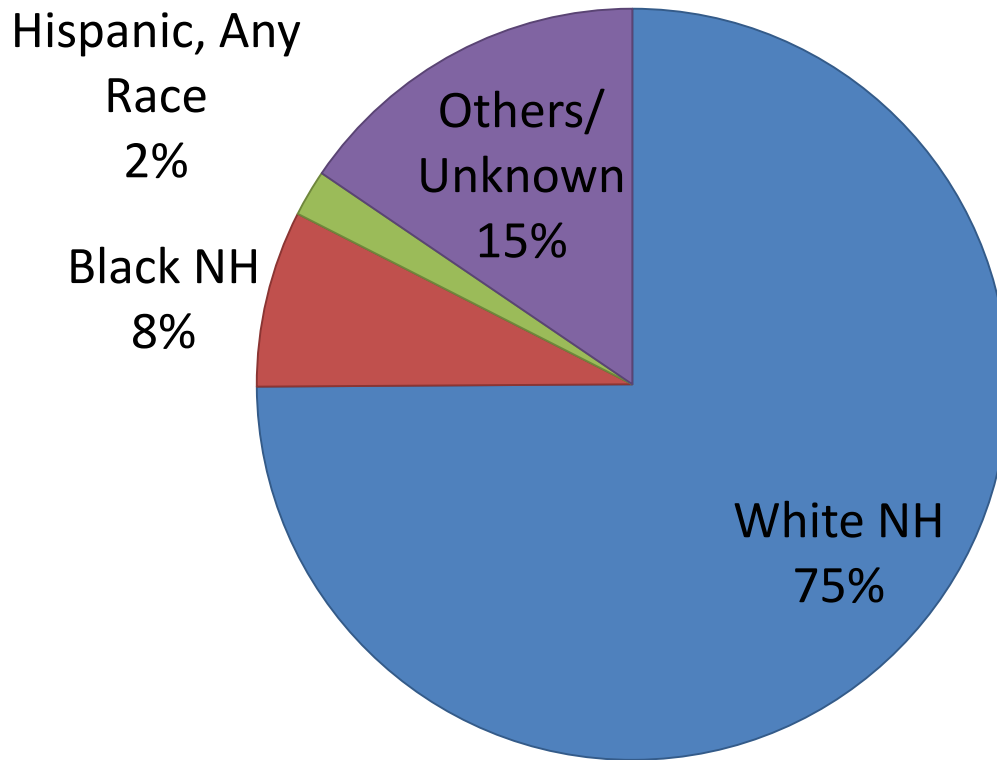
# Any Opioid-Related ED Visits by Age Group, Anne Arundel County, CY2013

**N=364**



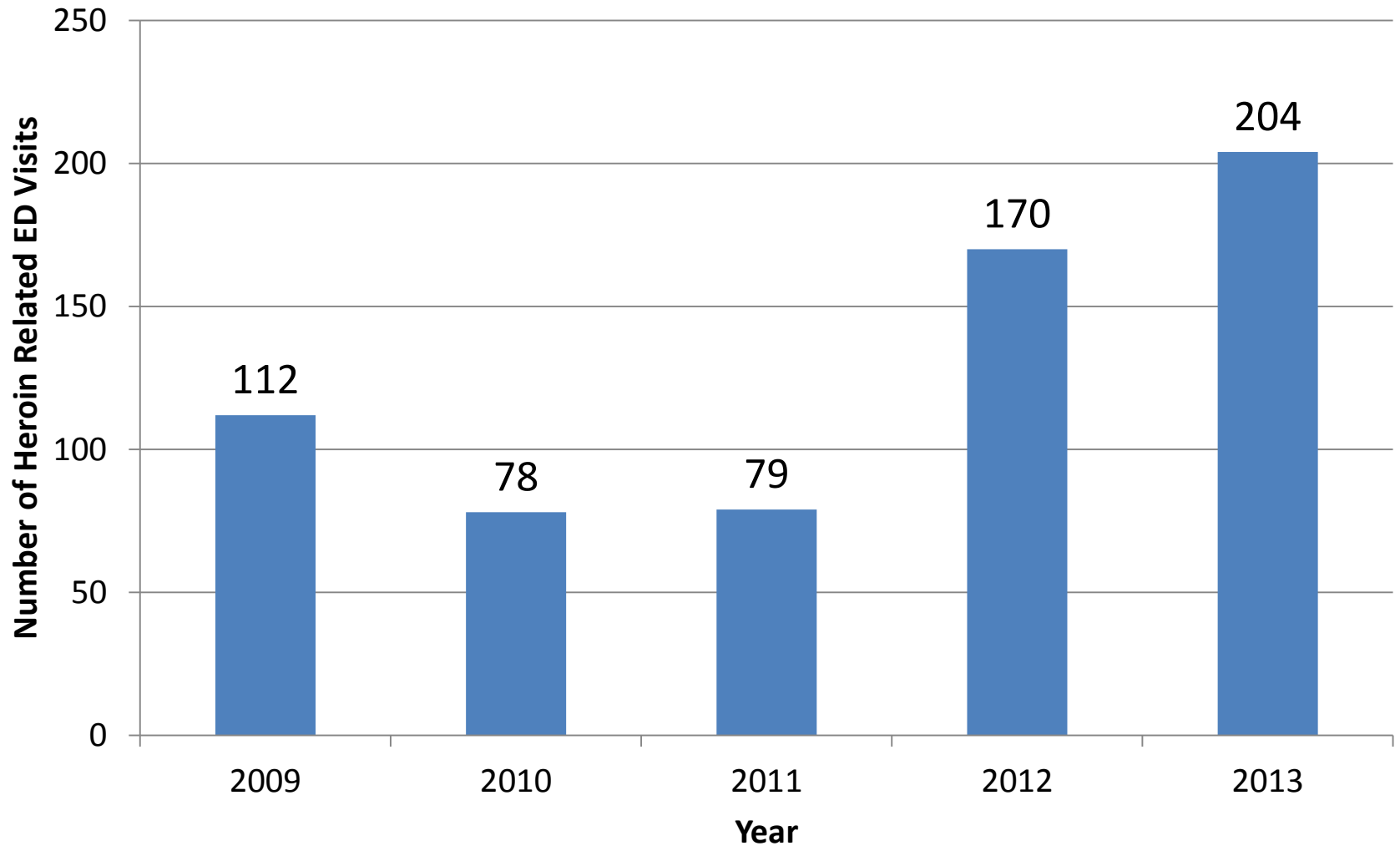
# Percent of Any Opioid-Related ED Visits by Race/Ethnicity, Anne Arundel County, CY2013

N=364



# Heroin-Related ED Visits

## Number of Heroin-Related ED Visits, Anne Arundel County, CY2009-2013

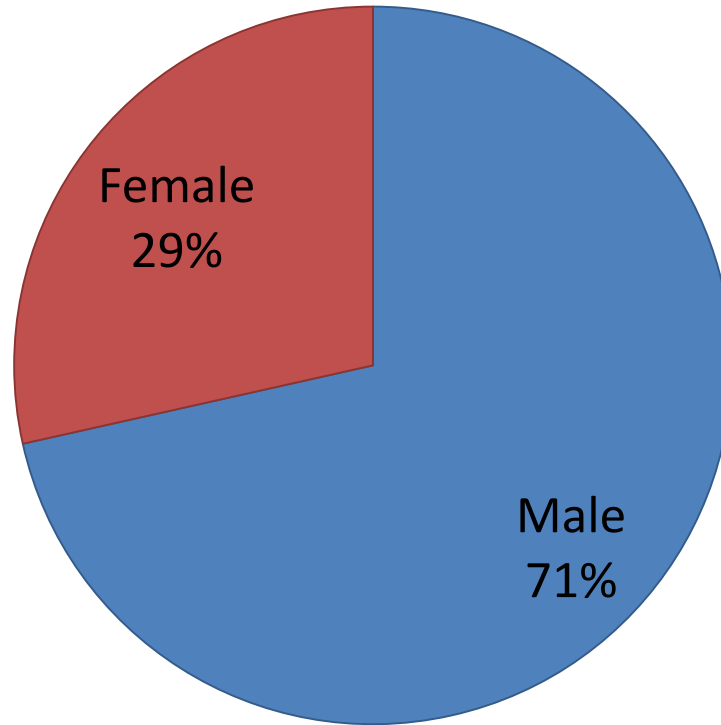


## **Heroin-Related ED Visits, Anne Arundel County, CY2013**

- **Number of ED Visits=204**  
Only Poisoning(Overdose) cases
- **Number of Patients=158**
  - 37% (58) Patients made >1 ED Visits

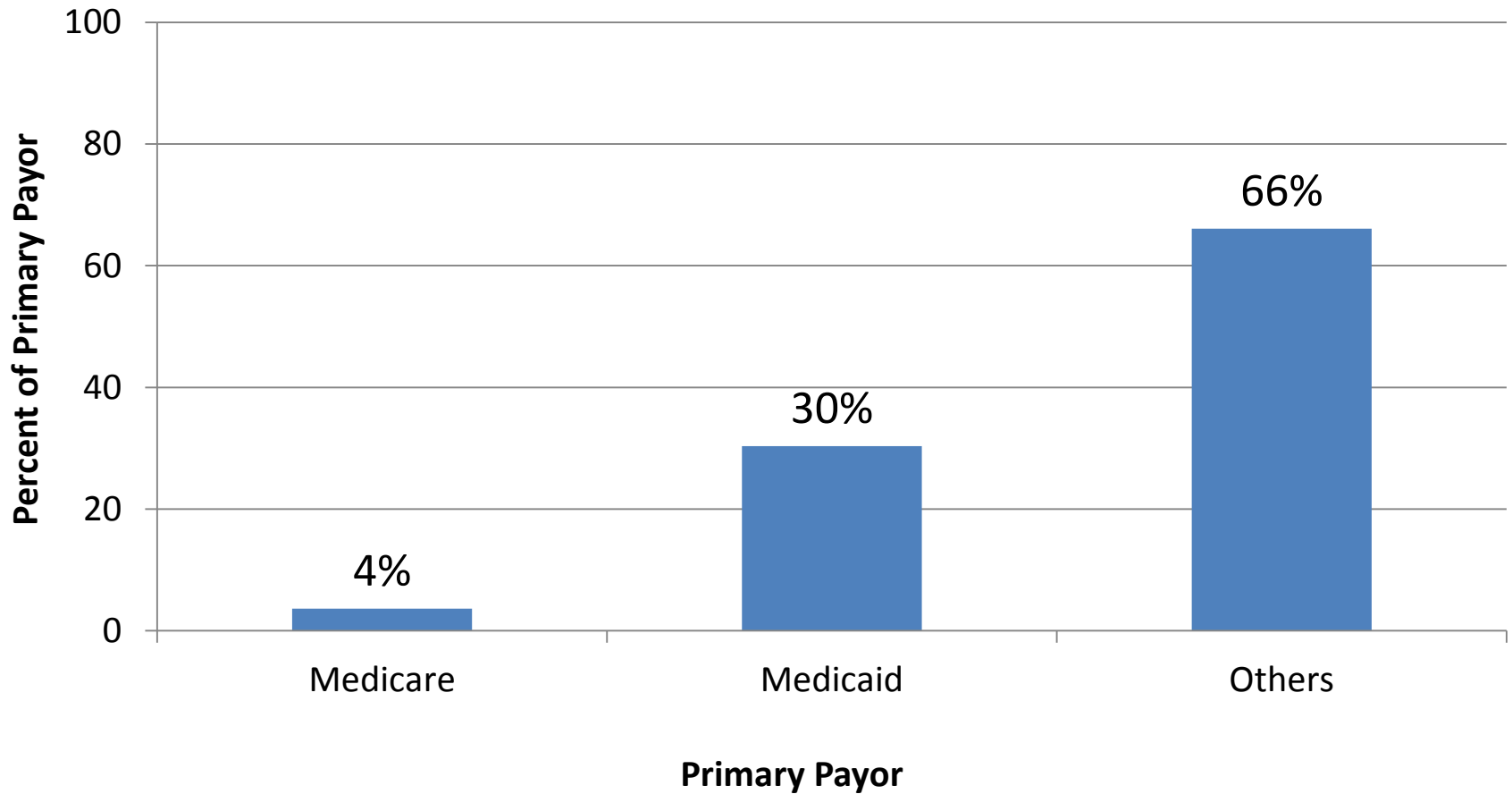
# Percent of Heroin-Related ED Visits by Gender, Anne Arundel County, CY2013

**N=204**



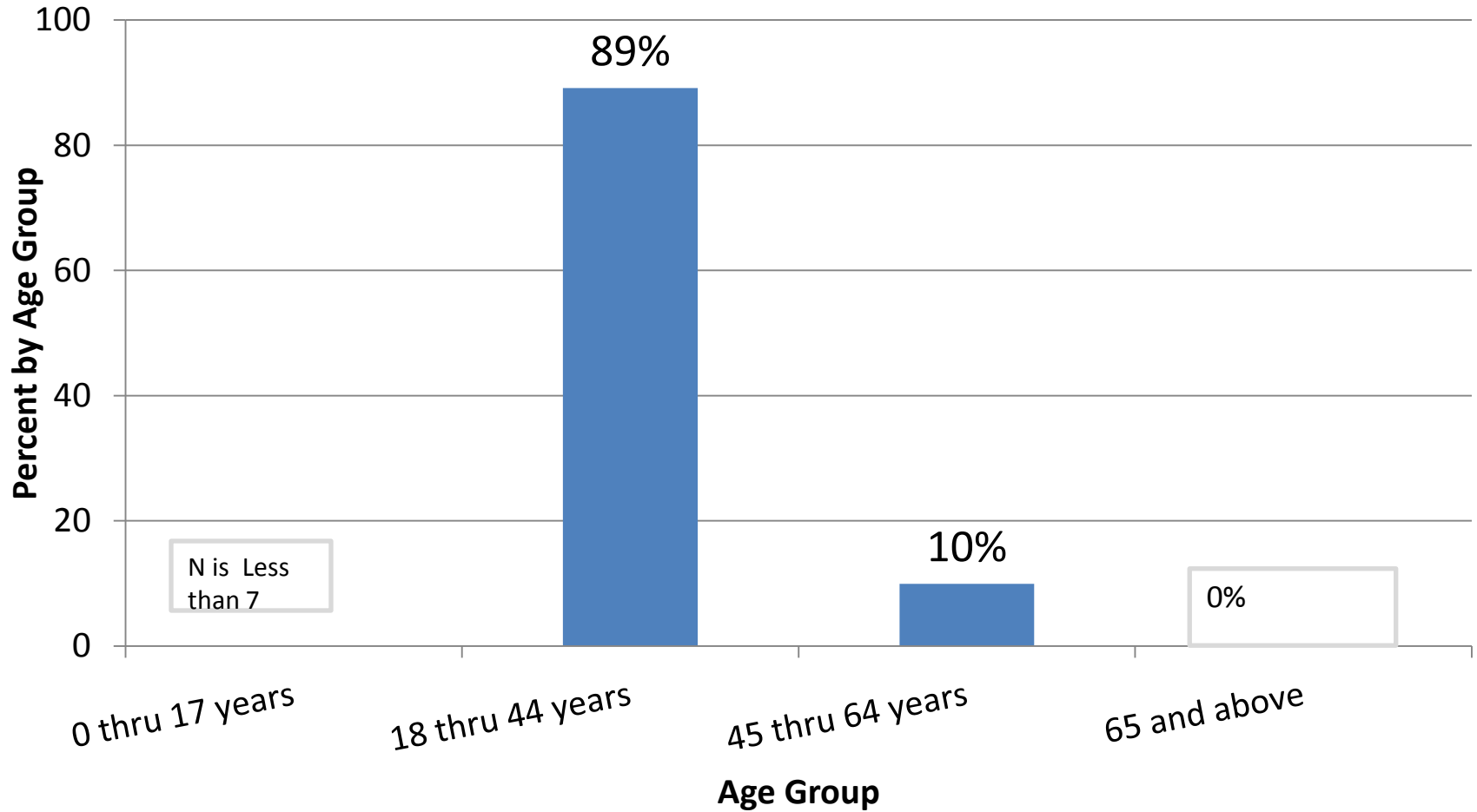
# Primary Payer for Heroin-Related ED Visits, Anne Arundel County, CY2013

N=204



# Heroin-Related ED Visits by Age Group, Anne Arundel County, CY2013

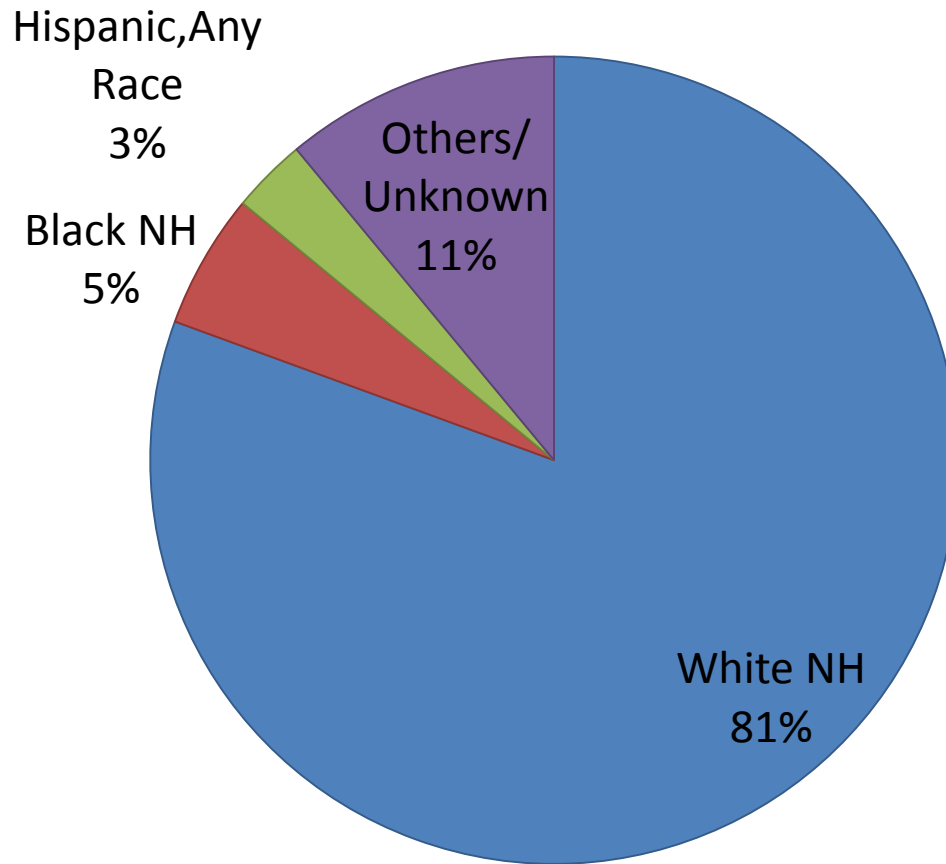
**N=204**





# Percent of Heroin-Related ED Visits by Race/Ethnicity, Anne Arundel County, CY 2013

N=204



# Anne Arundel County Police Data

See Handout

# Office of the Chief Medical Examiner (OCME) Data

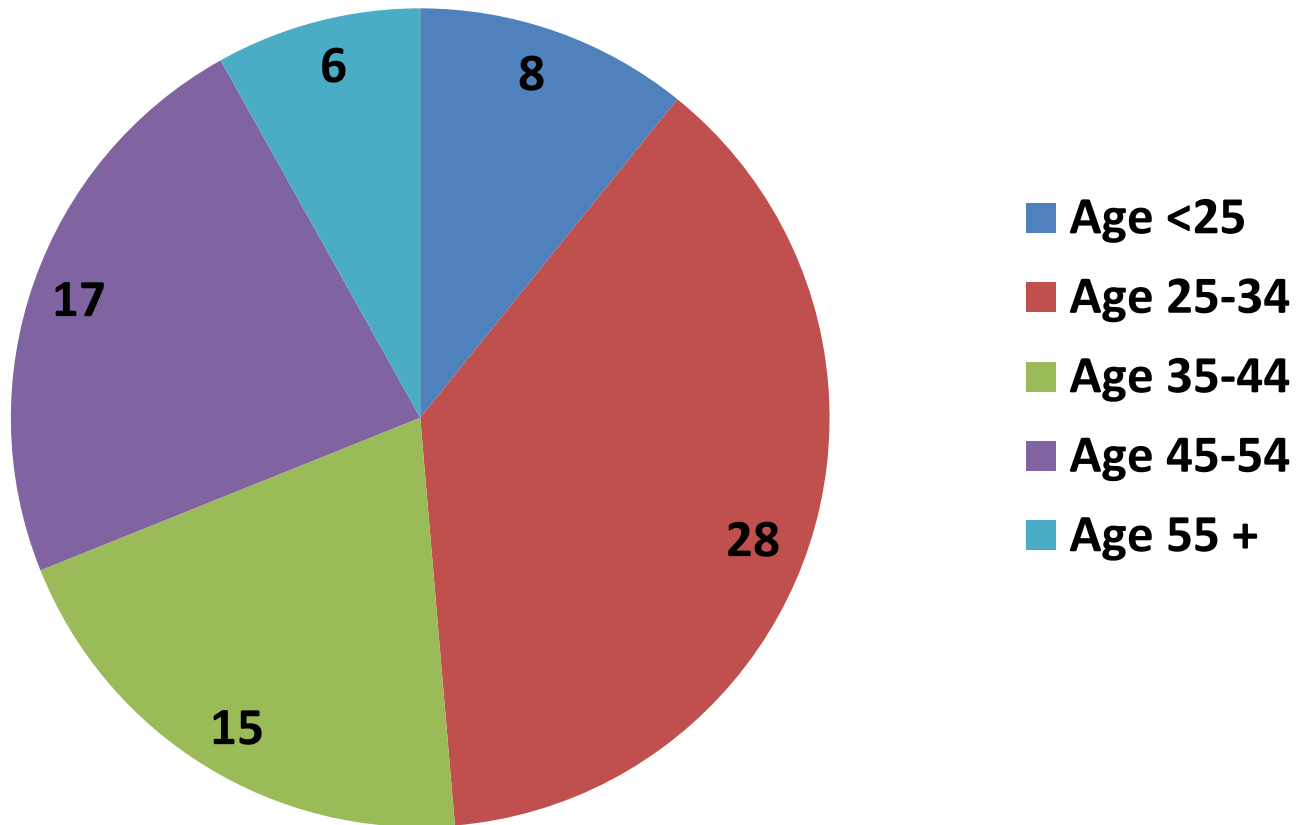
Overdoses in Anne Arundel County  
January-July 2014

# OCME Overdose Data Includes:

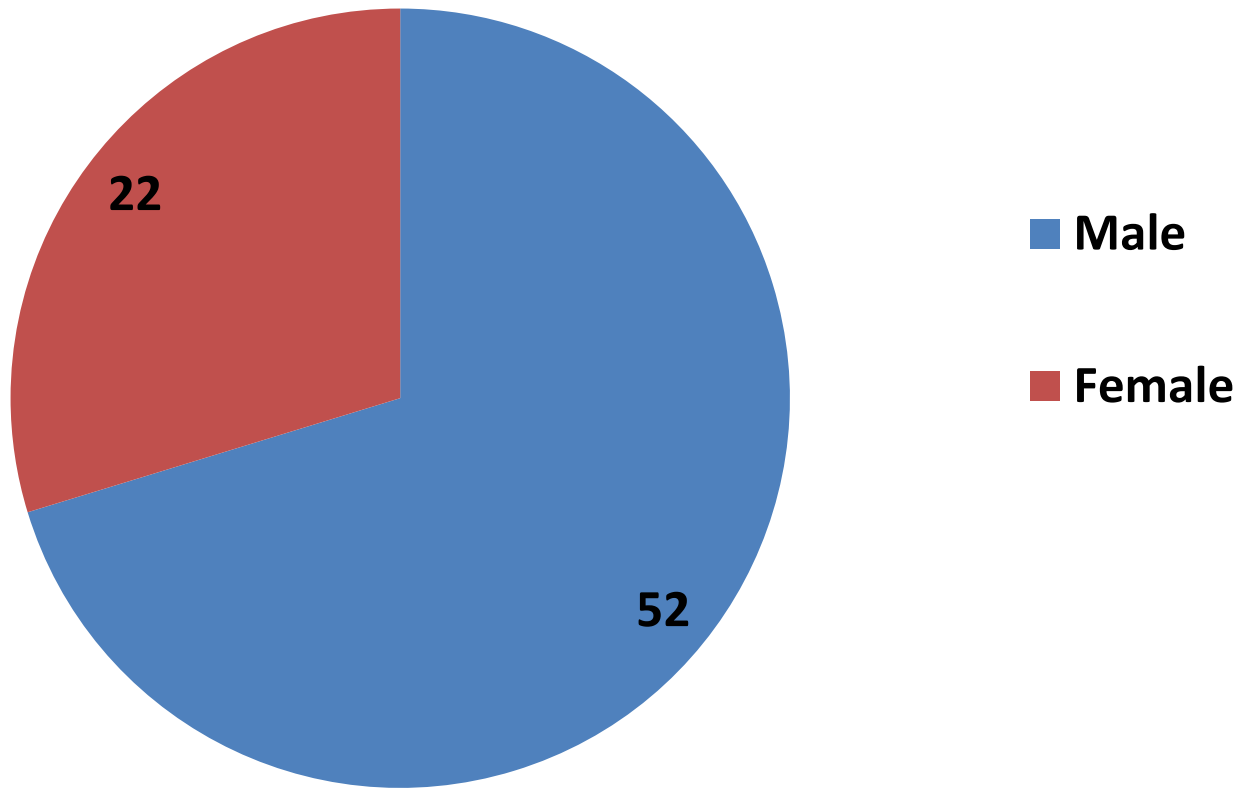
- 74 cases for the period of January-July 2014
- Includes:
  - Residents of Anne Arundel County who died in County.
  - Residents of Anne Arundel County who died out of County.
  - Non-residents who died in Anne Arundel County.

# Overdose Deaths by Age, Anne Arundel County, January-July 2014

N=74

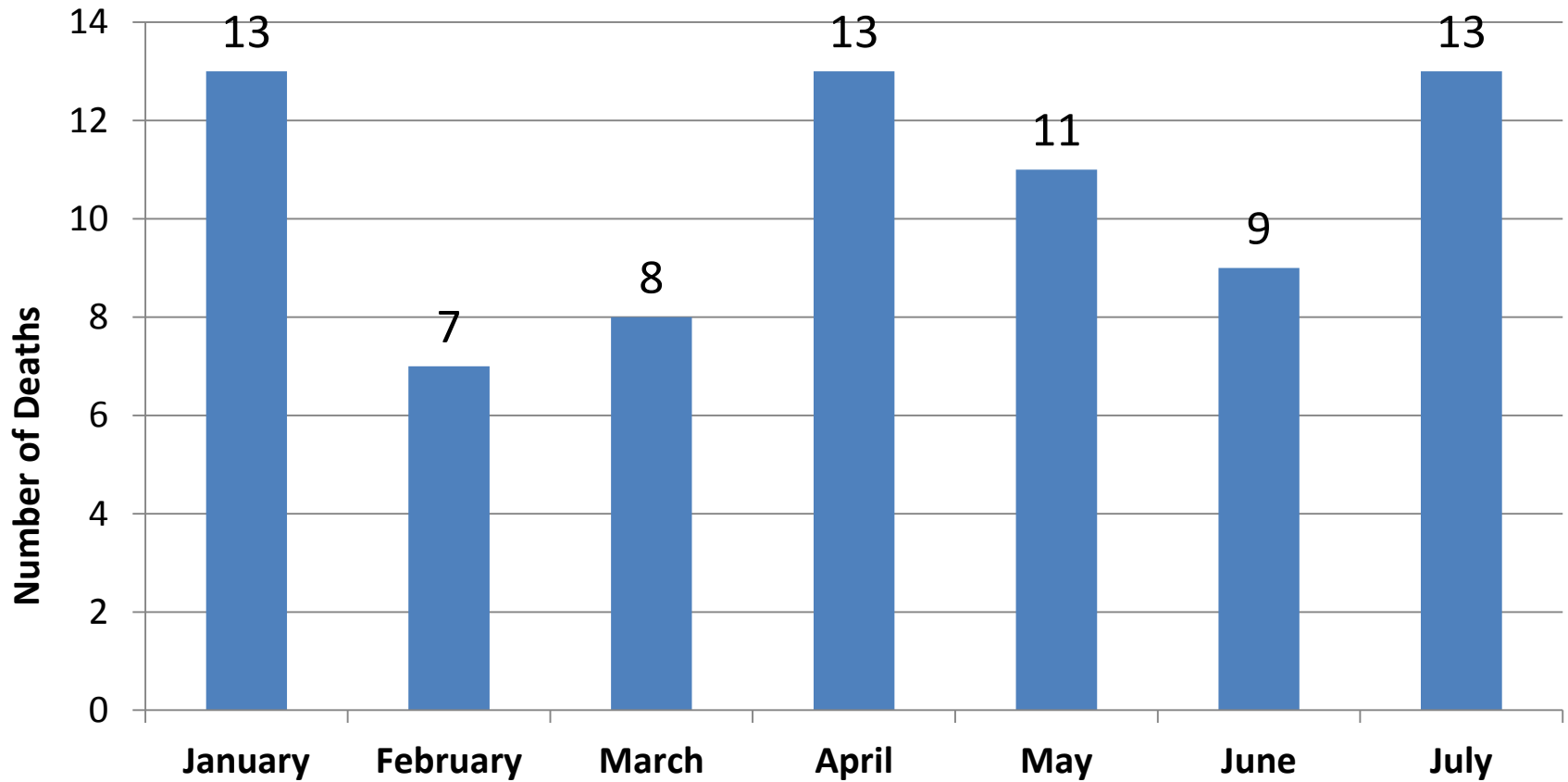


**Overdose Deaths by Gender,  
Anne Arundel County, January-July 2014  
N=74**



# Overdose Deaths by Month, Anne Arundel County, January-July 2014

N=74



# Questions?

