

# 2018 Provisional Drug Overdose Deaths, Wayne County

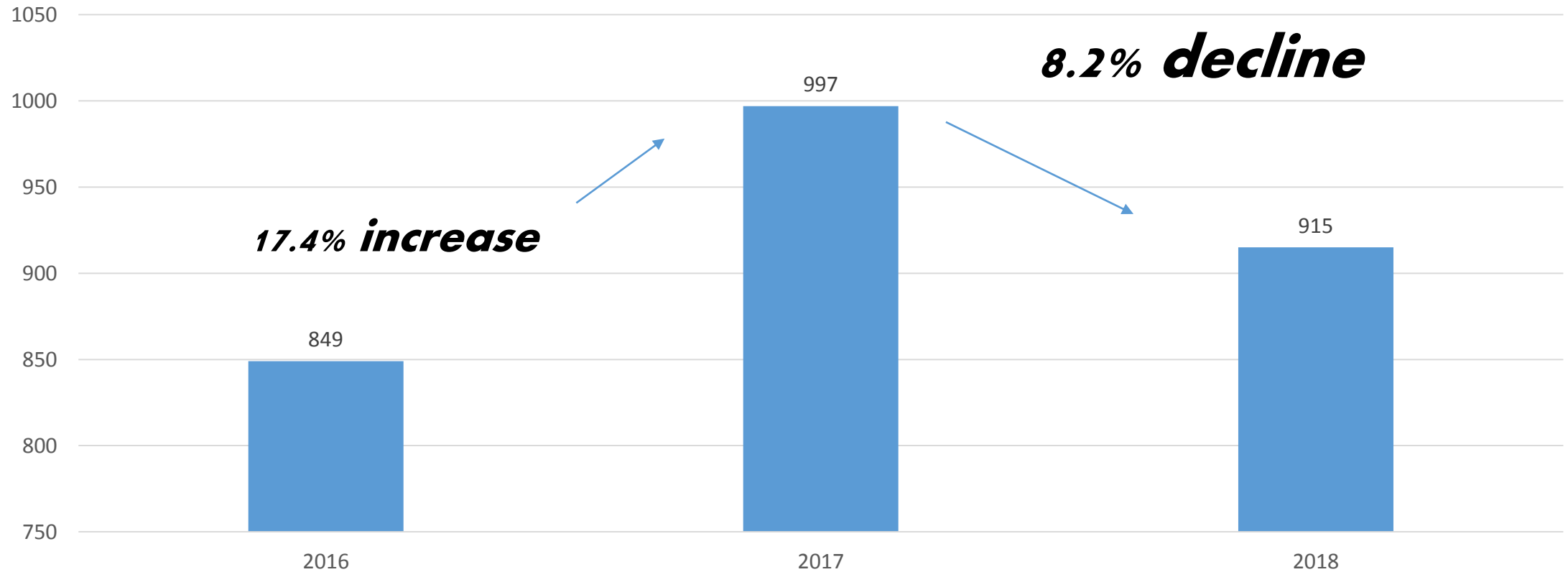
Supplied by the Office of the Wayne County Medical Examiner with  
special thanks to Amanda Kogowski

Summarized by Cynthia L. Arfken, PhD

# Provisional data for Wayne County Office of Medical Examiner

- These data are subject to change as more cases are closed
- These data reflect people who died in Wayne County, had cause of death indicating drug overdose death (7 removed from carbon monoxide poisoning, no drug or alcohol found)
- These data will differ from Death Certificates (based upon county of residence)
- Almost all of these deaths were considered accidental (96.4%) but also included suicide (n=17) and those deemed natural (n=9)

# Number of drug overdose deaths over past 3 years



# Were the declines in drug overdose deaths across race/ethnicities?

- **DECREASE**

- Whites had a decrease of 17.6%

- **INCREASE**

- African Americans had an increase of 4%
- Arab Americans had an increase of 6 deaths (200%)
- Asian Americans had an increase of 2 to 3.
- Latinos had an increase of 9.5%

# Actual cities where decedents were found

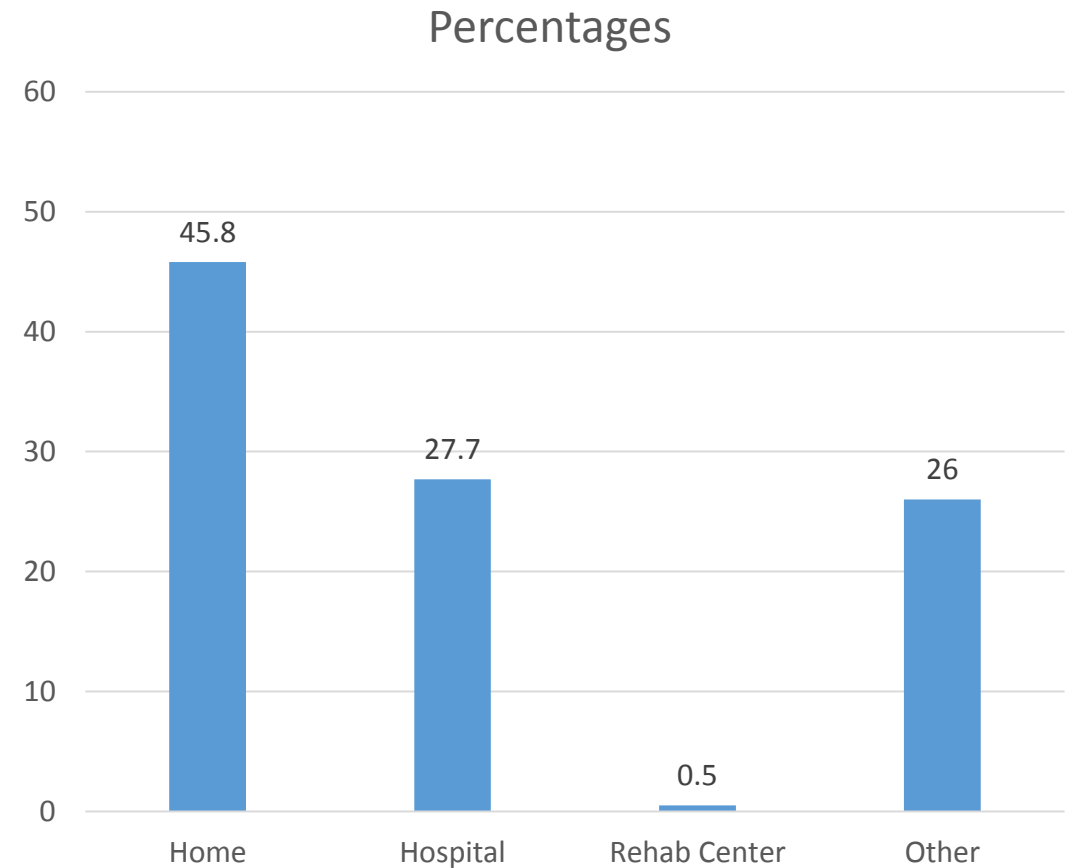
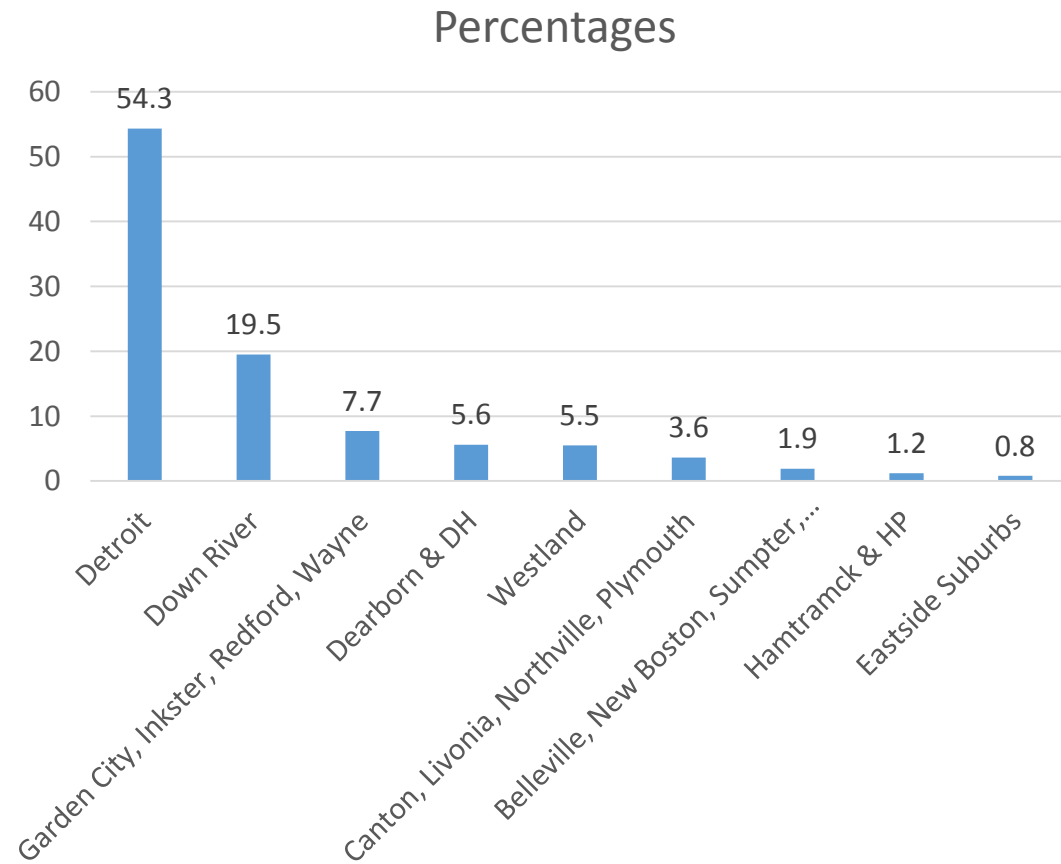
- Detroit 468
- Grosse Pointe 2
- Grosse Pointe Park 1
- Harper Woods 4
- Dearborn 43
- Dearborn Heights 8
- Westland 50
- Allen Park 3
- Brownstown 8
- Ecorse 13
- Flat Rock 9
- Gibraltar 1
- Grosse Ile 1
- Huron Twp 1
- Lincoln Park 27
- Melvindale 6
- River Rouge 8
- Riverview 5
- Rockwood 1
- Romulus 16
- Southgate 7
- Taylor 33
- Trenton 7
- Woodhaven 6
- Wyandotte 4
- Hamtramck 3
- Highland Park 8
- Canton 13
- Livonia 16
- Northville 3
- Plymouth 1

# More cities

- Belleville 4
- New Boston 3
- Sumpter 3
- Van Buren 7
- Garden City 21
- Inkster 17
- Redford 18
- Wayne 14

*Cities and townships were lumped together*

# Where were these 915 people found?



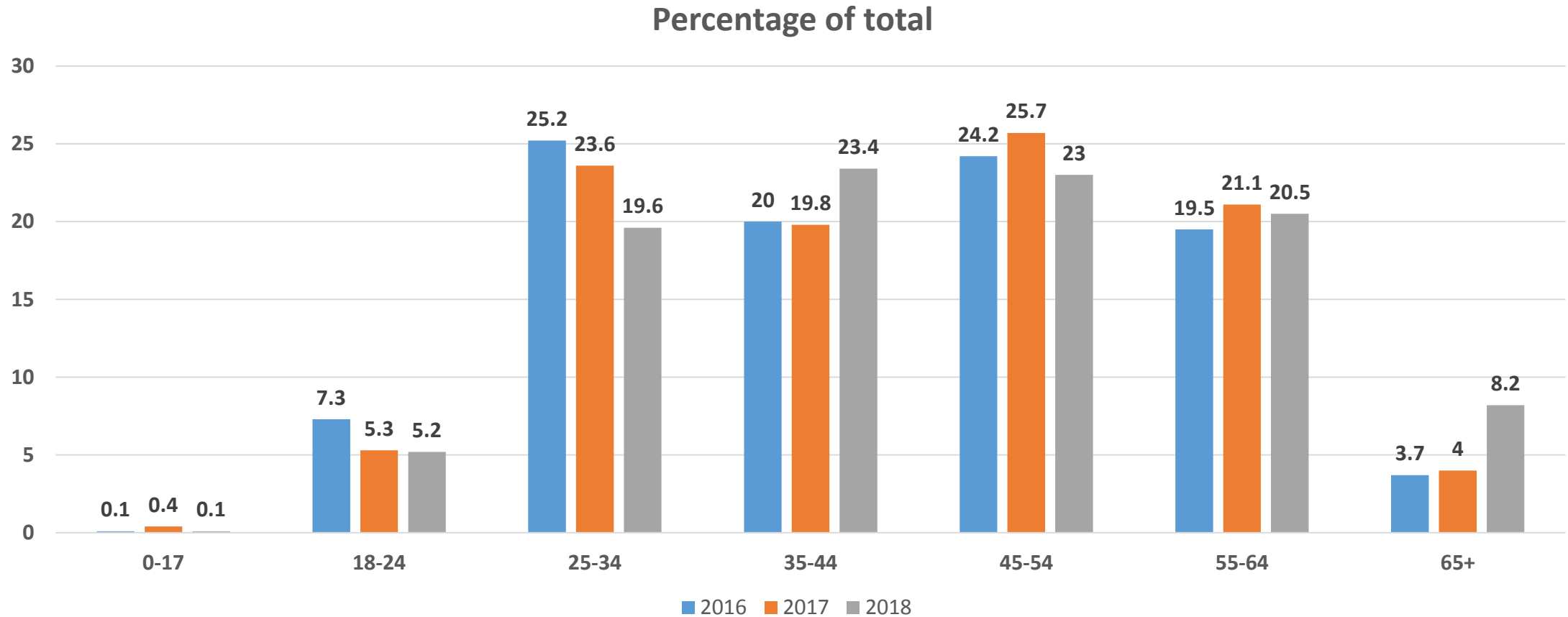
# Who were these 915 people?

- By sex
  - 65.8% male      ***Predominately Male***
- By race/ethnicity
  - 56.0% White      ***Predominately White***
  - 39.6% Black
  - 2.5% Latino
  - 1% Arab American
  - 0.3% Asian
  - 0.6% Other or missing
- Average age of 45.2 (SD=13.6), ***ranged from 4 to 88***

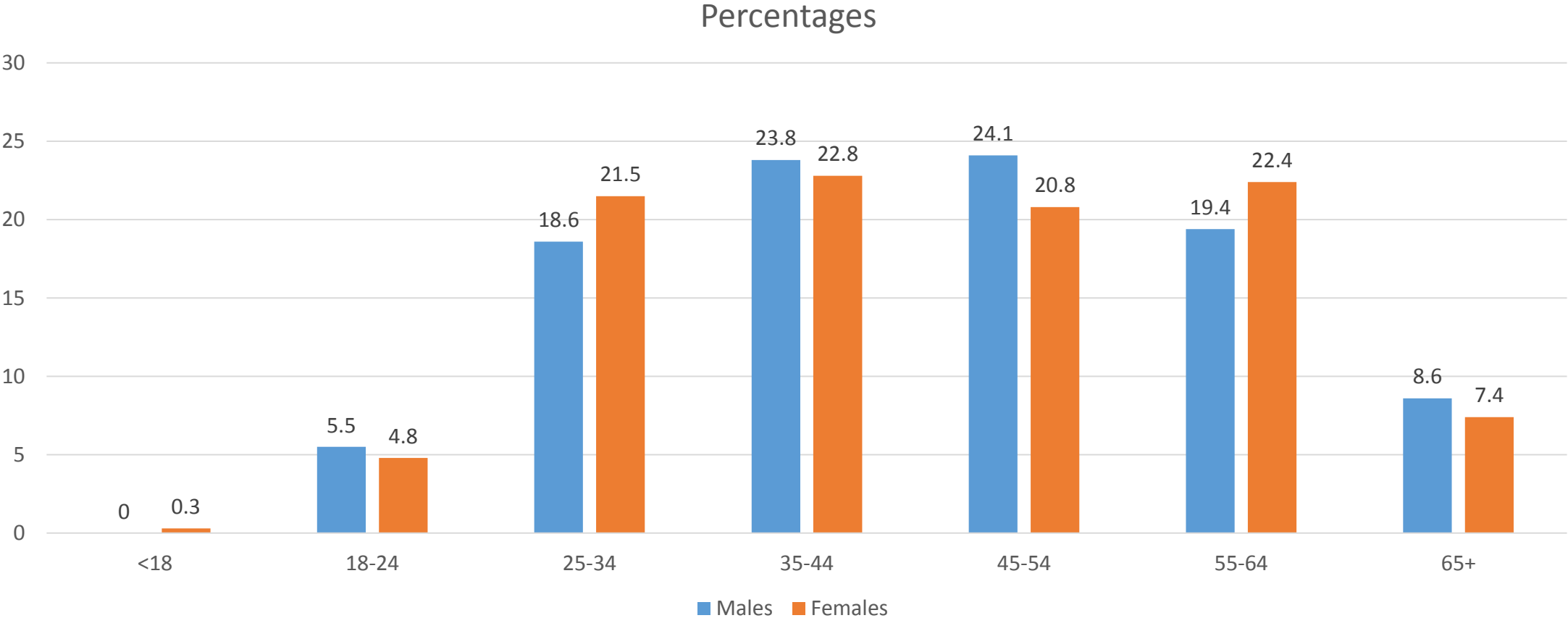


# Age distribution over time

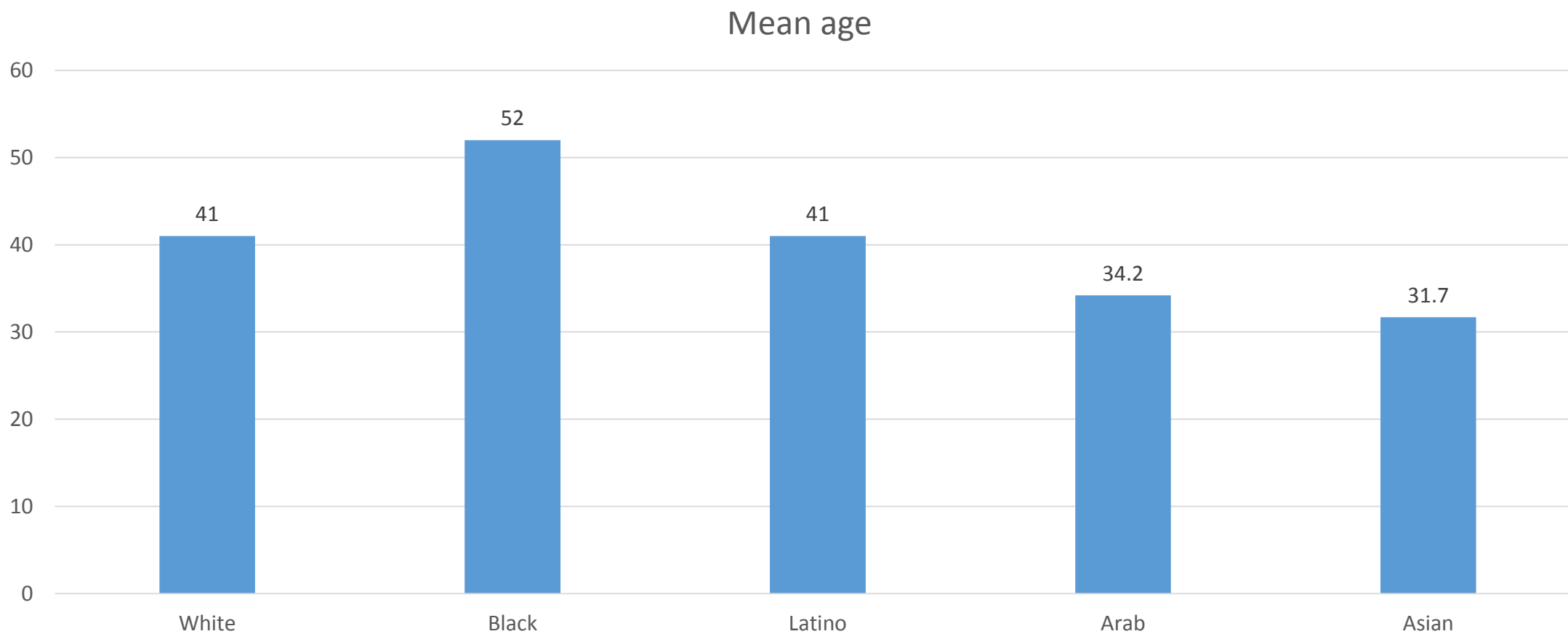
*Young adults appear to make up a small percentage of deaths over time*



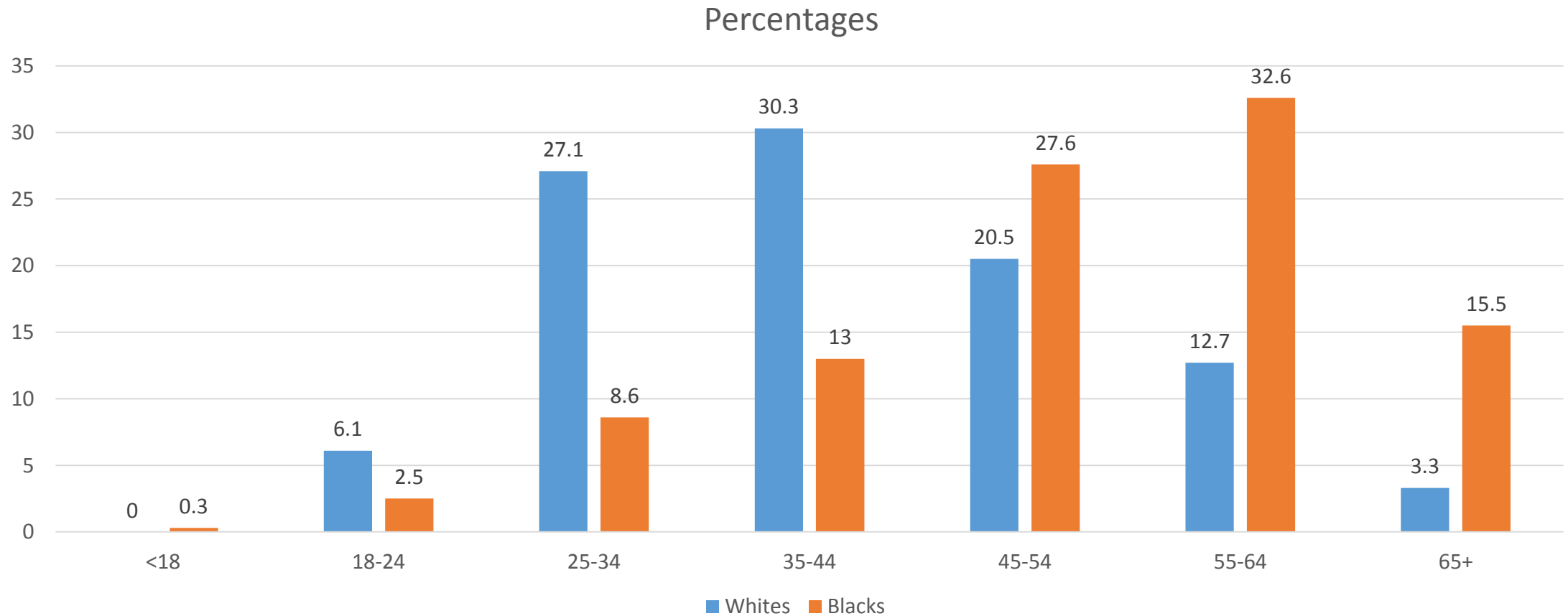
# Age Distributions for males and females are similar



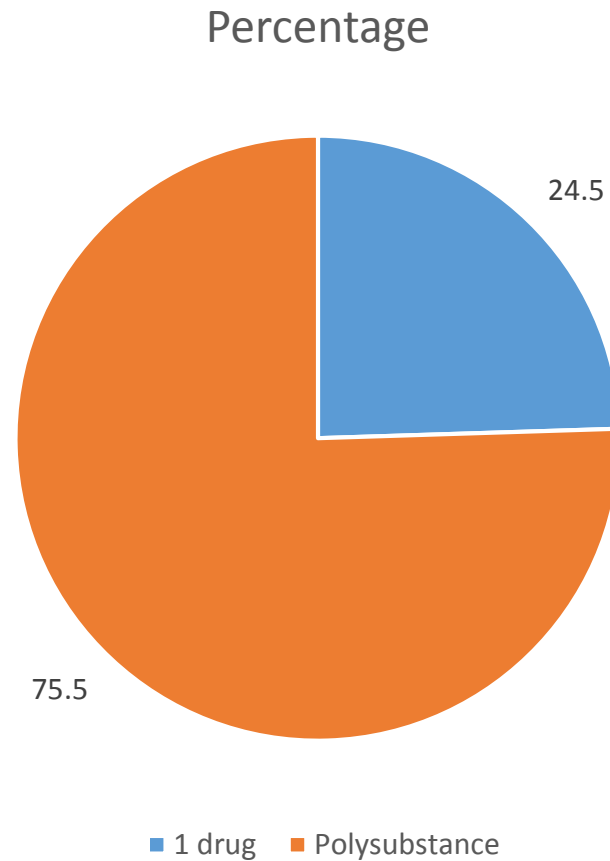
# Mean ages by race/ethnicity differ



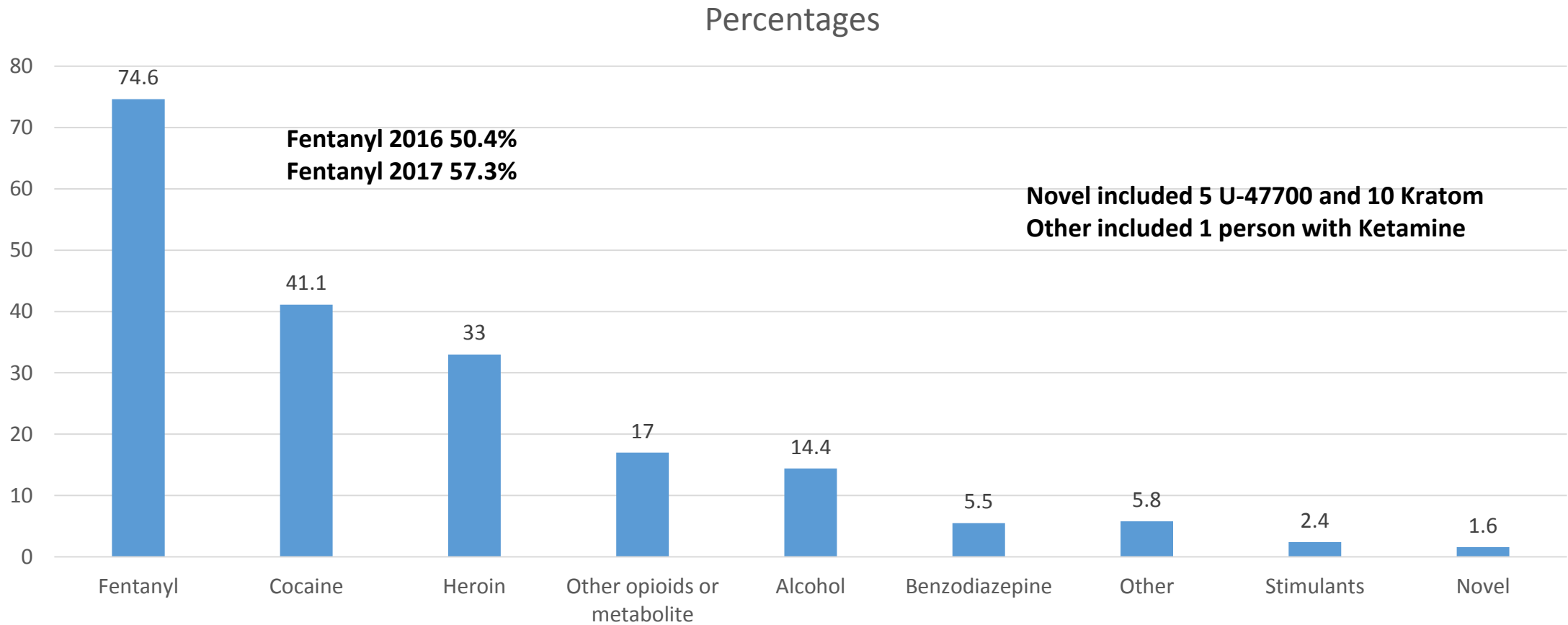
# Age Distributions for Whites and Blacks differ



# Most people had more than 1 drug listed as causing the death



# Prevalence of select drugs as a cause of death



# Fentanyls detected

- 2 decedents had carfentanil
- Analogues included:
  - Acetyl fentanyl
  - Valeryl fentanyl
  - Methoxyacetylfentanyl
  - Cyclopropyl fentanyl

*Fewer different analogues than in the past*

# Characteristics associated with different drugs listed as causing the death

- Fentanyl decedents **younger**
- Stimulant (methamphetamine and amphetamine) decedents **younger**
- Benzodiazepine decedents **younger**, more likely **White**
- Other opioid decedents **older**, more likely **female**
- Kratom & U-47700 decedents more likely **male**



# Fentanyl and Cocaine found everywhere but prevalence differed by region

