

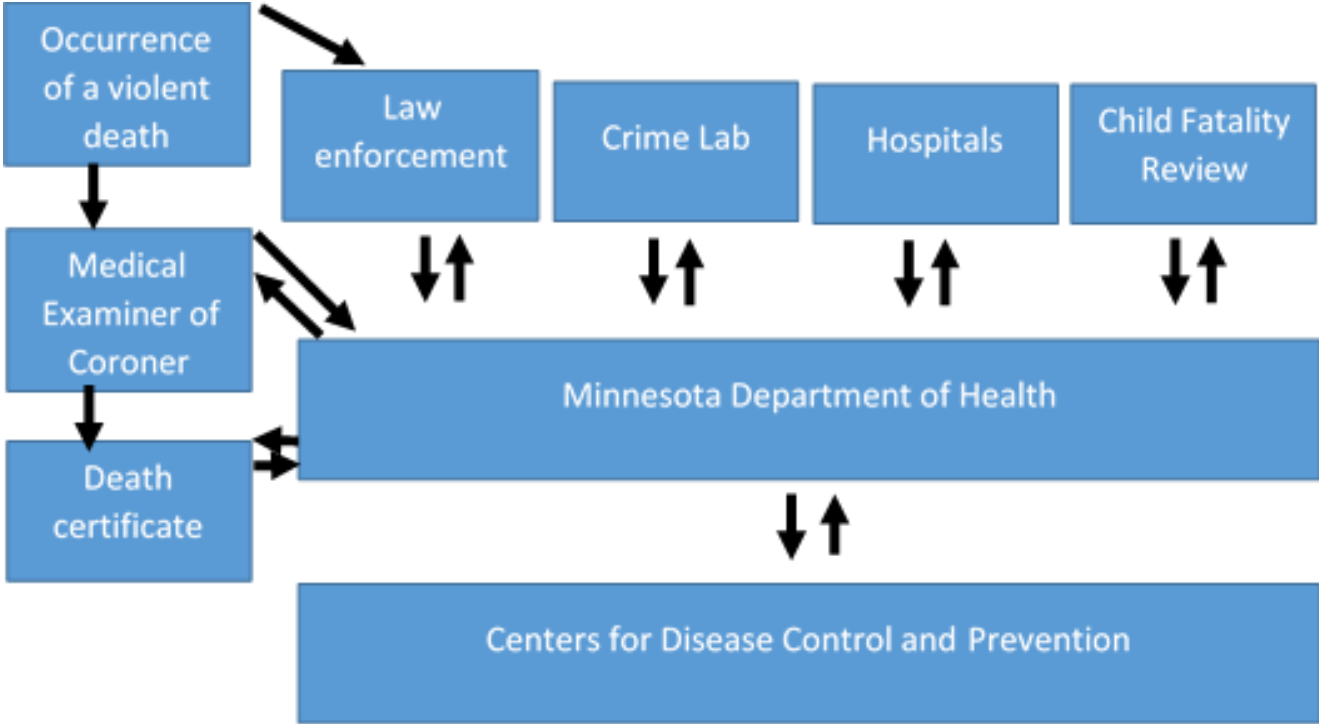
# Minnesota Violent Death Reporting System

**Nate Wright**  
**2016 MIPA Summit**  
**Health Equity and Injury Prevention**  
**December 2<sup>nd</sup>, 2016**

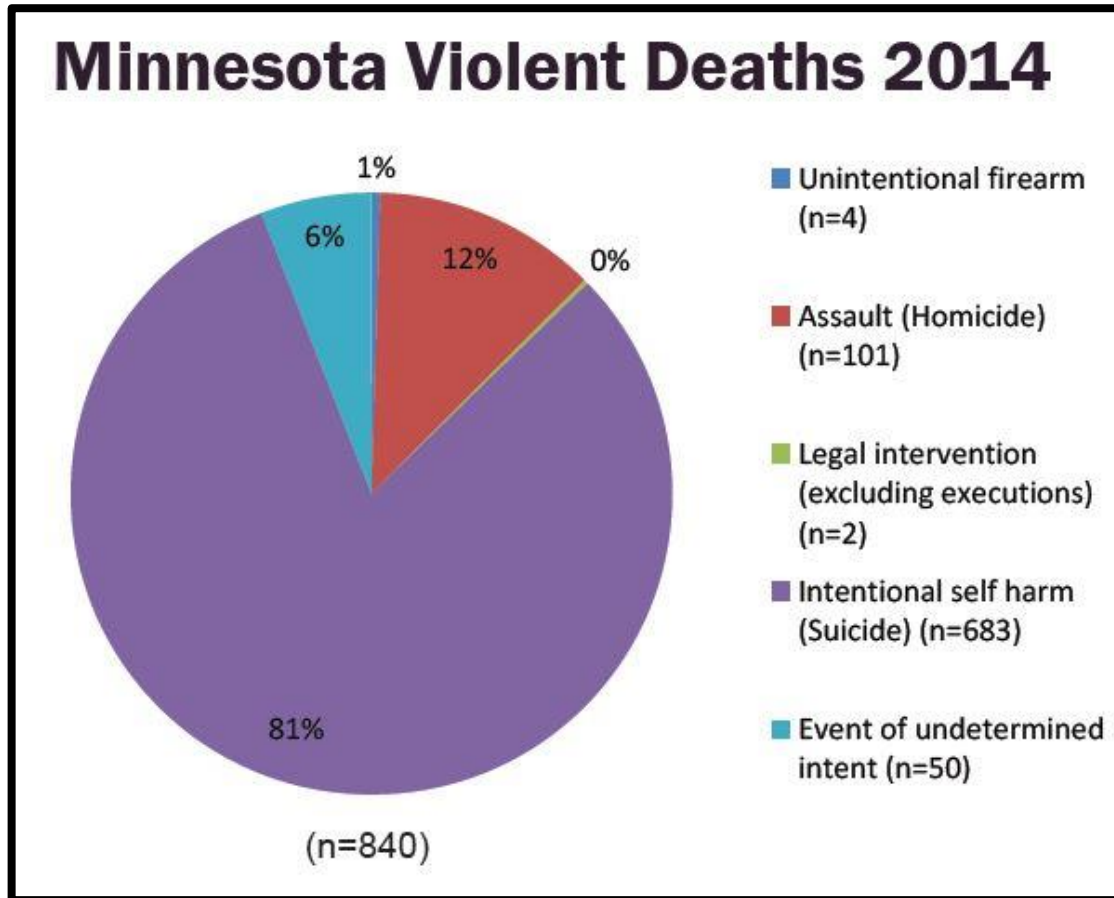
# MnVDRS Overview

- The MDH received funding to implement NVDRS in 2015.
  - Case abstraction began in June 2015.
- Currently two data abstractors, project coordinator, and epi fellow.
- Surveillance system evaluation underway using CDC guidelines.
  - Continue to improve and expand data collection.
- Piloting the abstraction of American Indian unintentional poisoning deaths for 2015 and 2016

# How MnVDRS Works

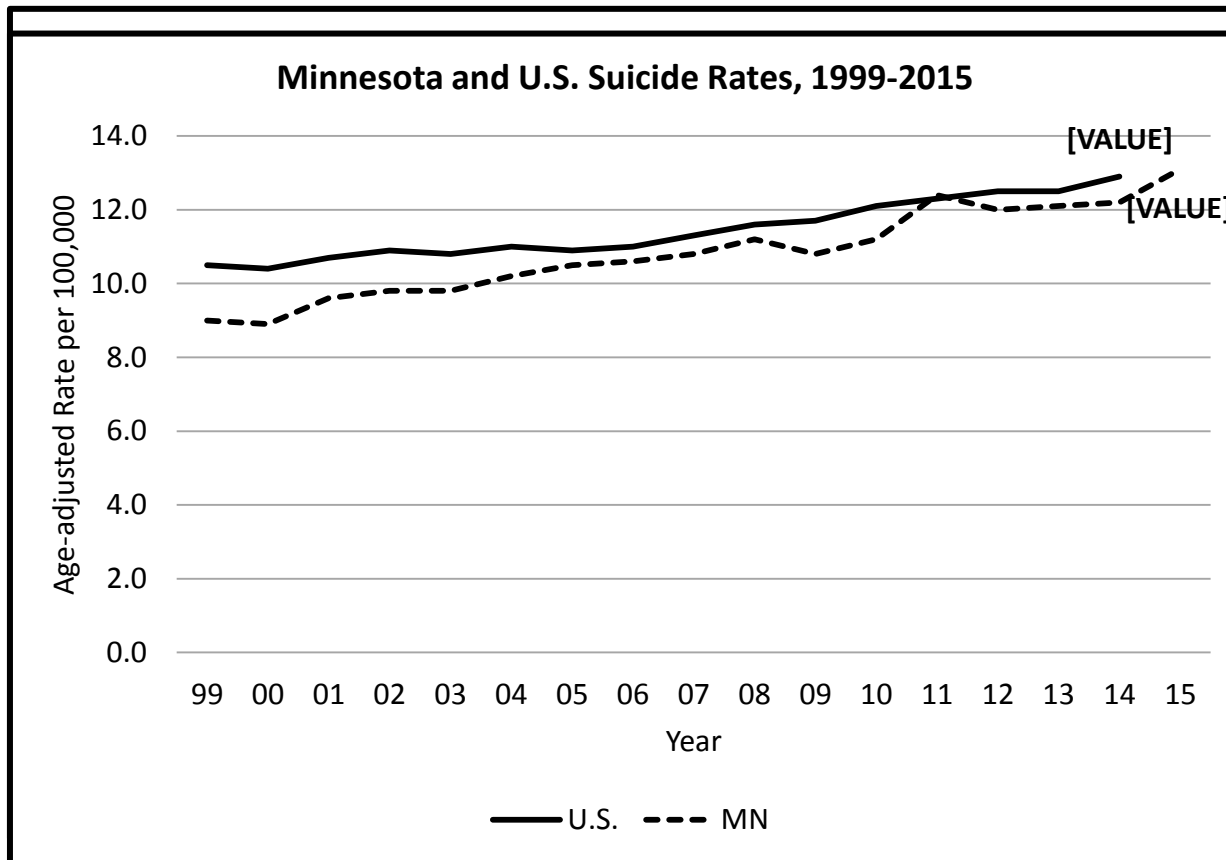


# MnVDRS Cases

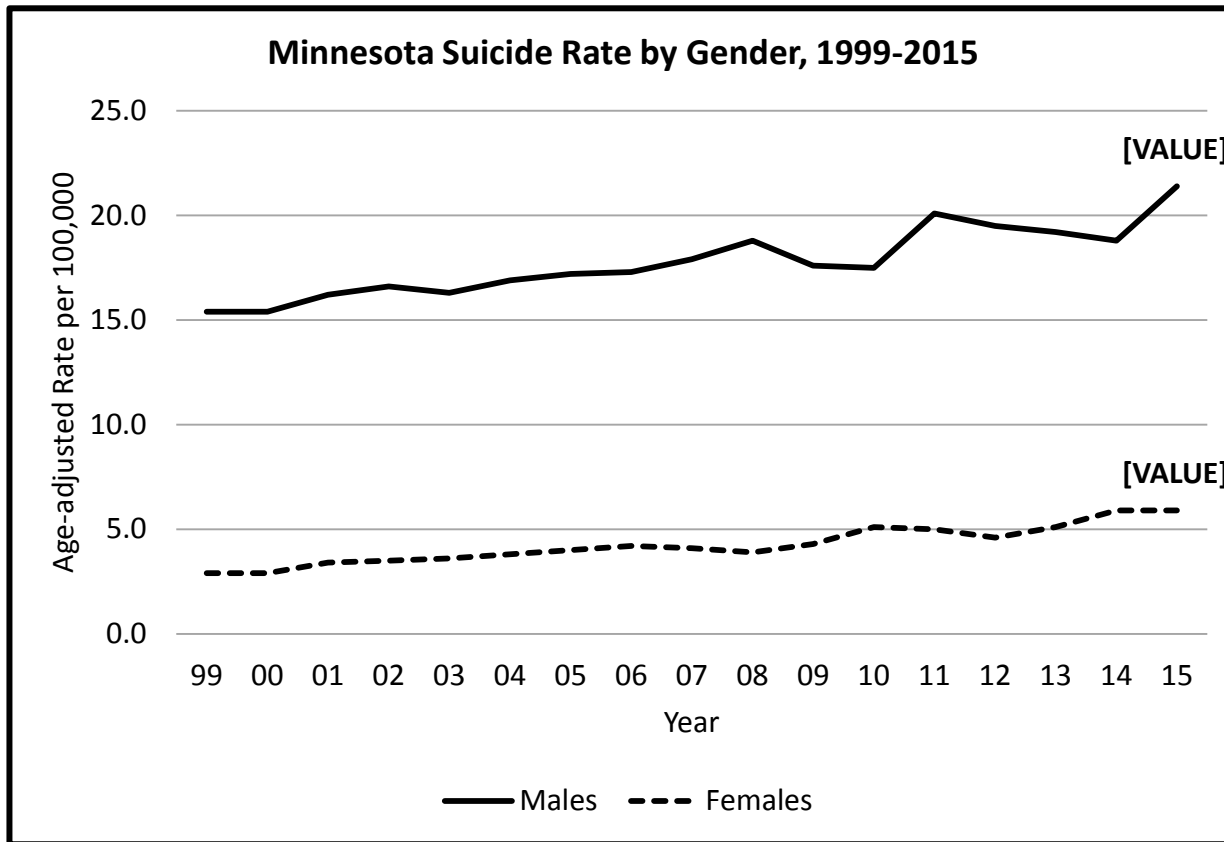


# Minnesota Suicides

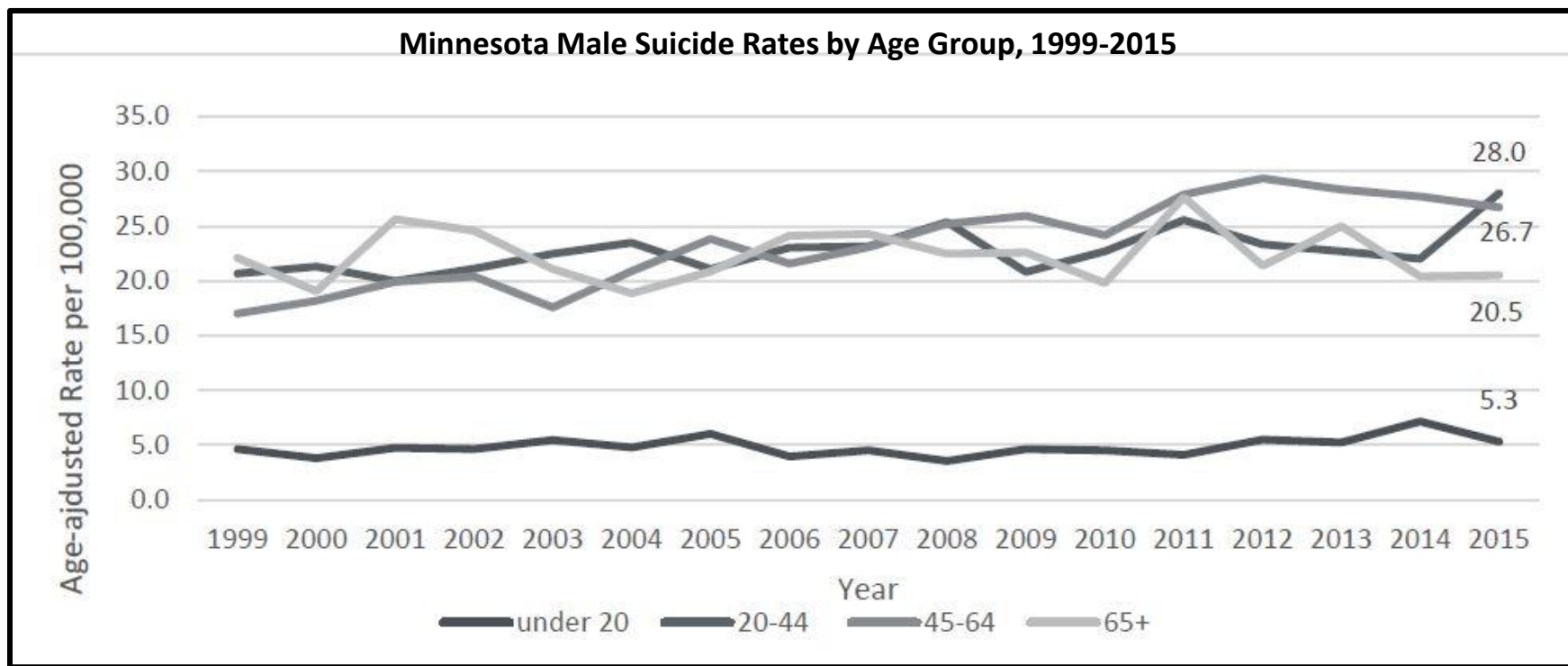
# Minnesota Suicides: Number and Rate Increasing



# Male Suicide Rate Higher than Female Suicide Rate



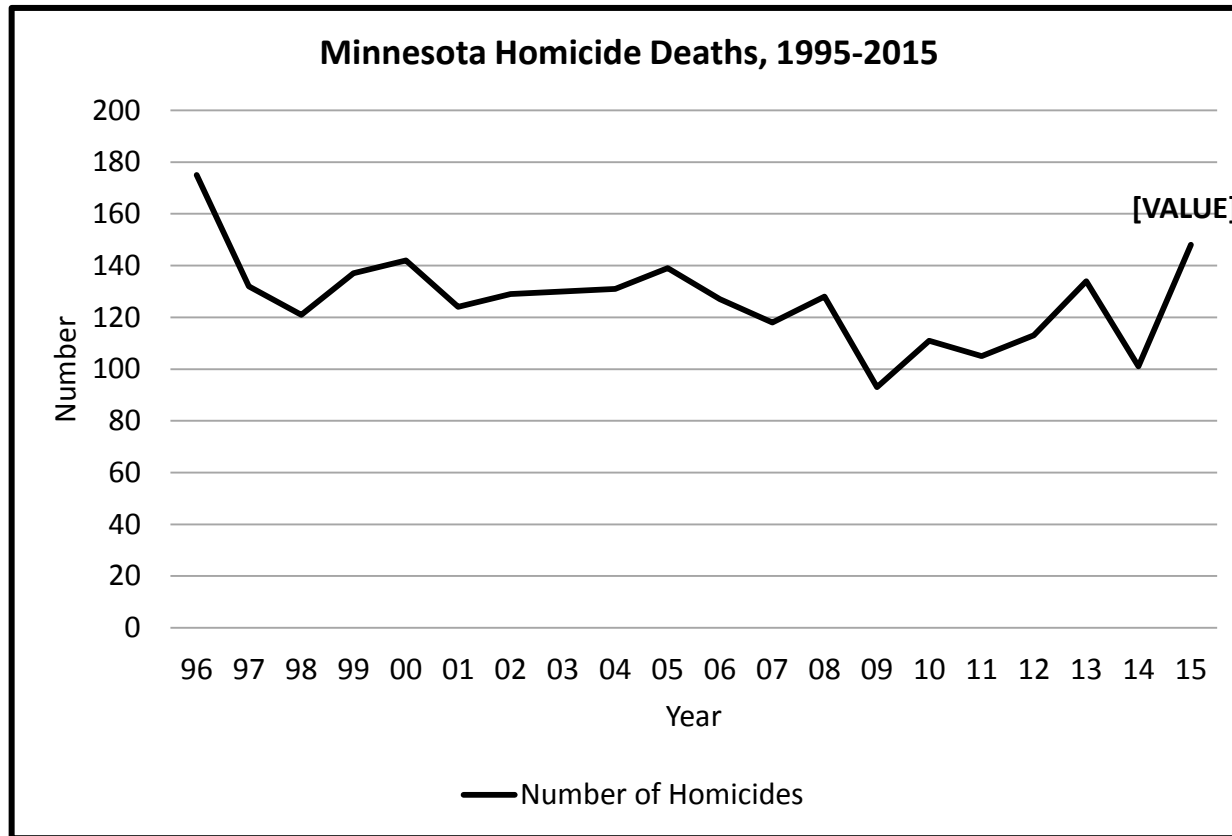
# Males 20-44 Years Old: Highest Suicide Rate in 2015



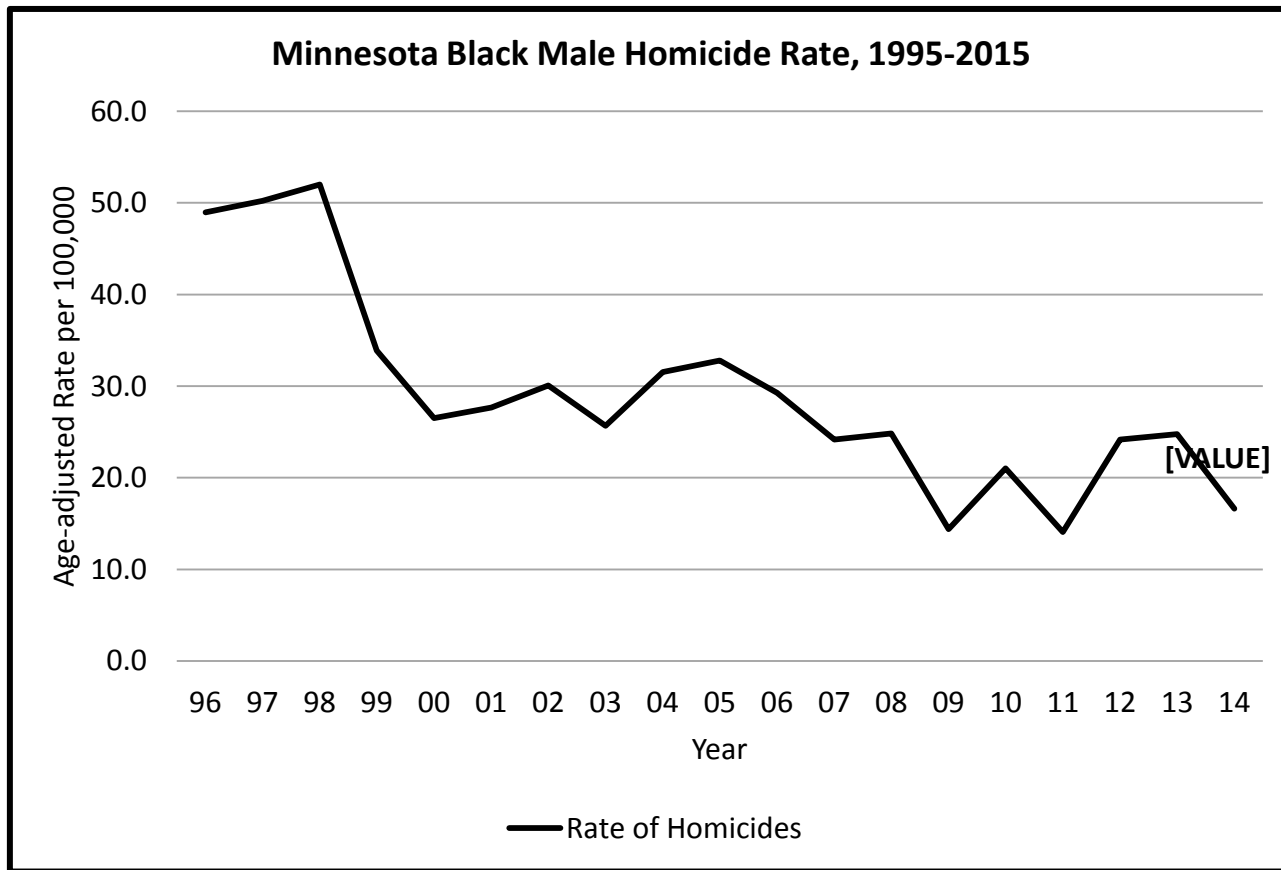


# Minnesota Homicides

# Minnesota Homicides Increased in 2015

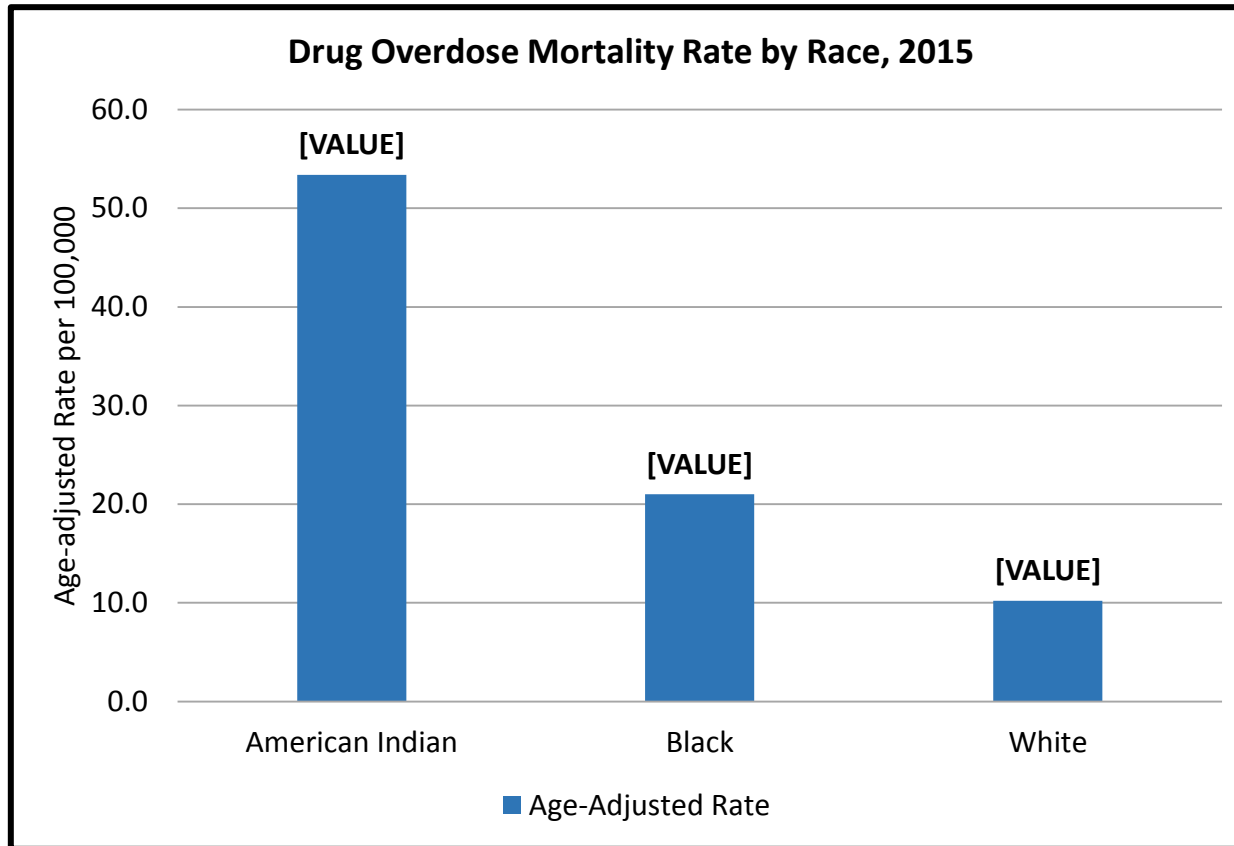


# Black Males have Highest Homicide Rate in Minnesota

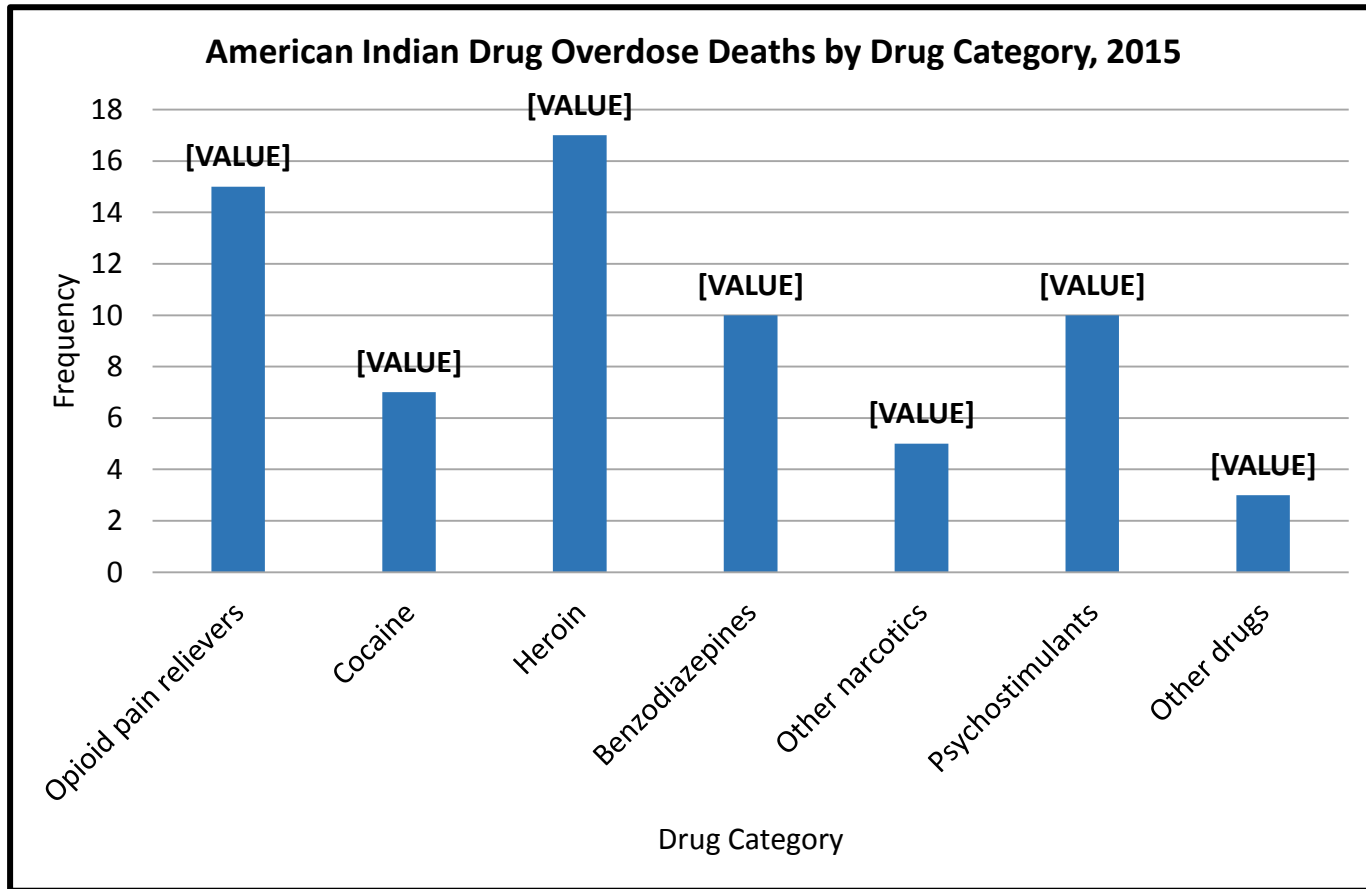


# Minnesota Drug Overdoses

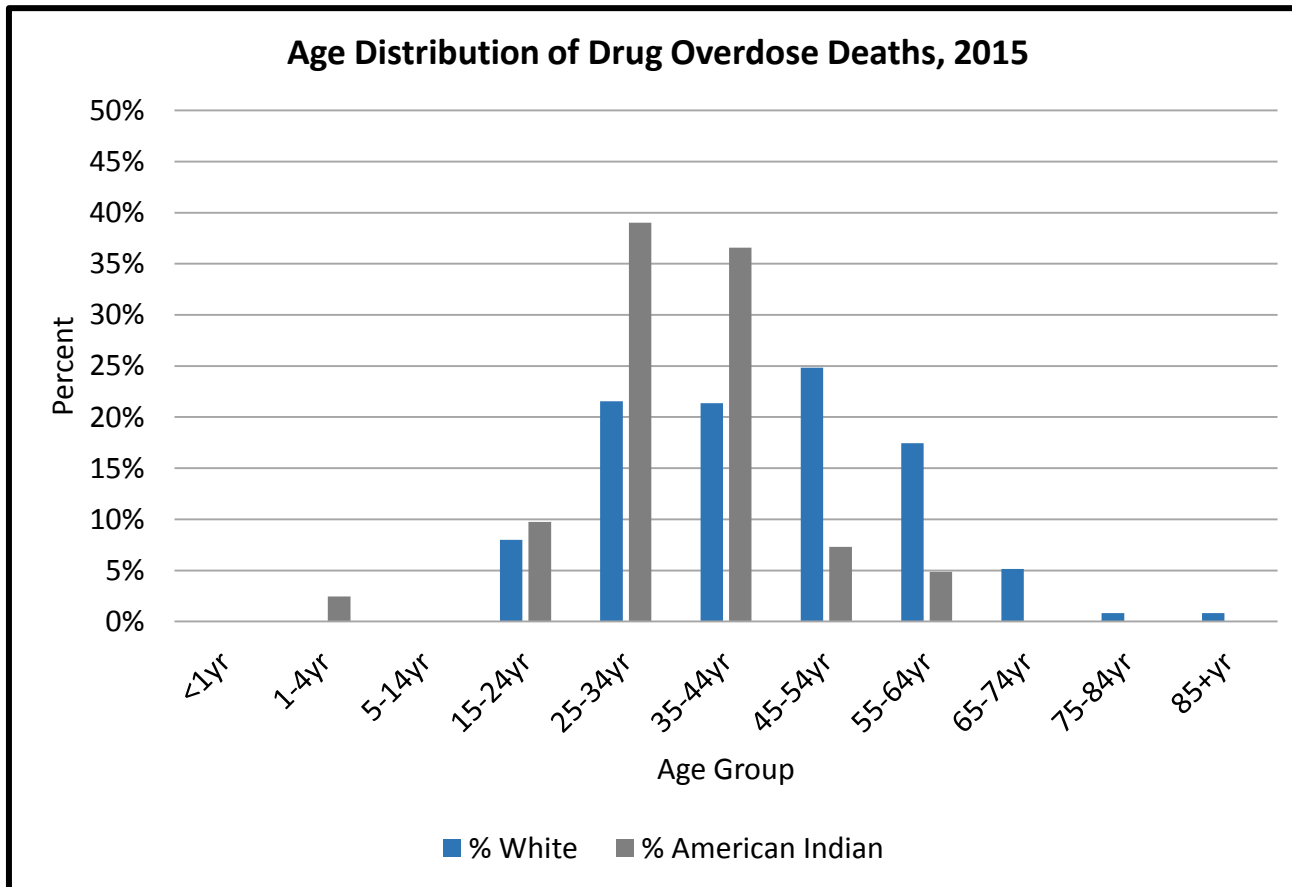
# Drug Overdose Mortality 2015



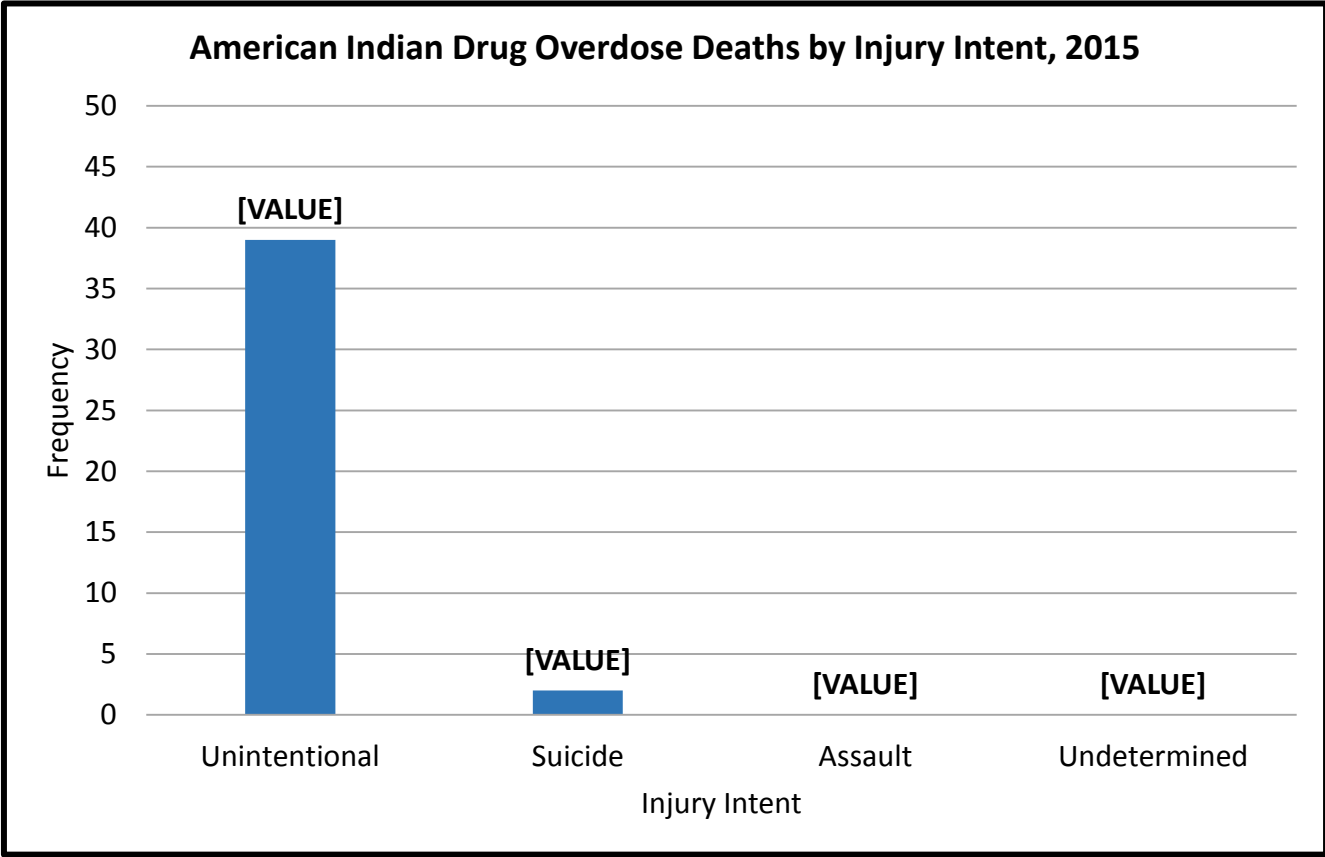
# American Indian Drug Overdose Deaths by Drug Category



# Age Distribution of Drug Overdose Deaths



# American Indian Drug Overdose Deaths by Injury Intent





# American Indian Drug Overdoses

- Results have been shared with American Indian community.
- Comments from community members:
  - Disparities in drug overdose mortality rates.
  - Do unintentional poisonings resemble suicides?

# Examining American Indian Drug Overdoses more Closely

- Project ongoing to abstract 2015 and 2016 American Indian drug overdose deaths.
- Based on risk factors and/or circumstances categorize as:
  - Not a suicide (i.e. unintentional)
  - Possible suicide
  - Probable suicide
- This project only possible because of NVDRS capabilities.
  - Death certificates alone not enough to answer these questions.

Thank you!

**Nate Wright**

**SAMHSA/CSTE Epidemiology Fellow**

**Injury and Violence Prevention Section**

**[Nate.Wright@state.mn.us](mailto:Nate.Wright@state.mn.us)**

**651-201-4237**