

## Significance

Suicide is the second leading cause of death for adolescents ages 15 through 19 years. Suicide and suicidal ideation is often indicative of mental health problems and stressful or traumatic life events. While females are more likely to report considering suicide, males are more likely to succeed in committing suicide. The suicide mortality rate for males is nearly three times that of females.

Data Sources:  
Heron M. Deaths: Leading Causes for 2014. National Vital Statistics Reports. 2016 June 30. 65(5).  
Child Trends: Data Bank. Suicidal Teens-Indicators of Child and Youth Well-Being. 2016 December.

## Trend Analysis (2014-2017)

Data Source: National Vital Statistics System, 2014-2017

This analysis compares the Arizona rate to the U.S. rate in adolescent suicide from 2014-2017. Due to the relatively small number of deaths, each data point represents three-year data. From 2015-2017, Arizona had 13.0 deaths per 100,000 adolescents compared to the U.S. rate of 10.5 deaths per 100,000 adolescents.

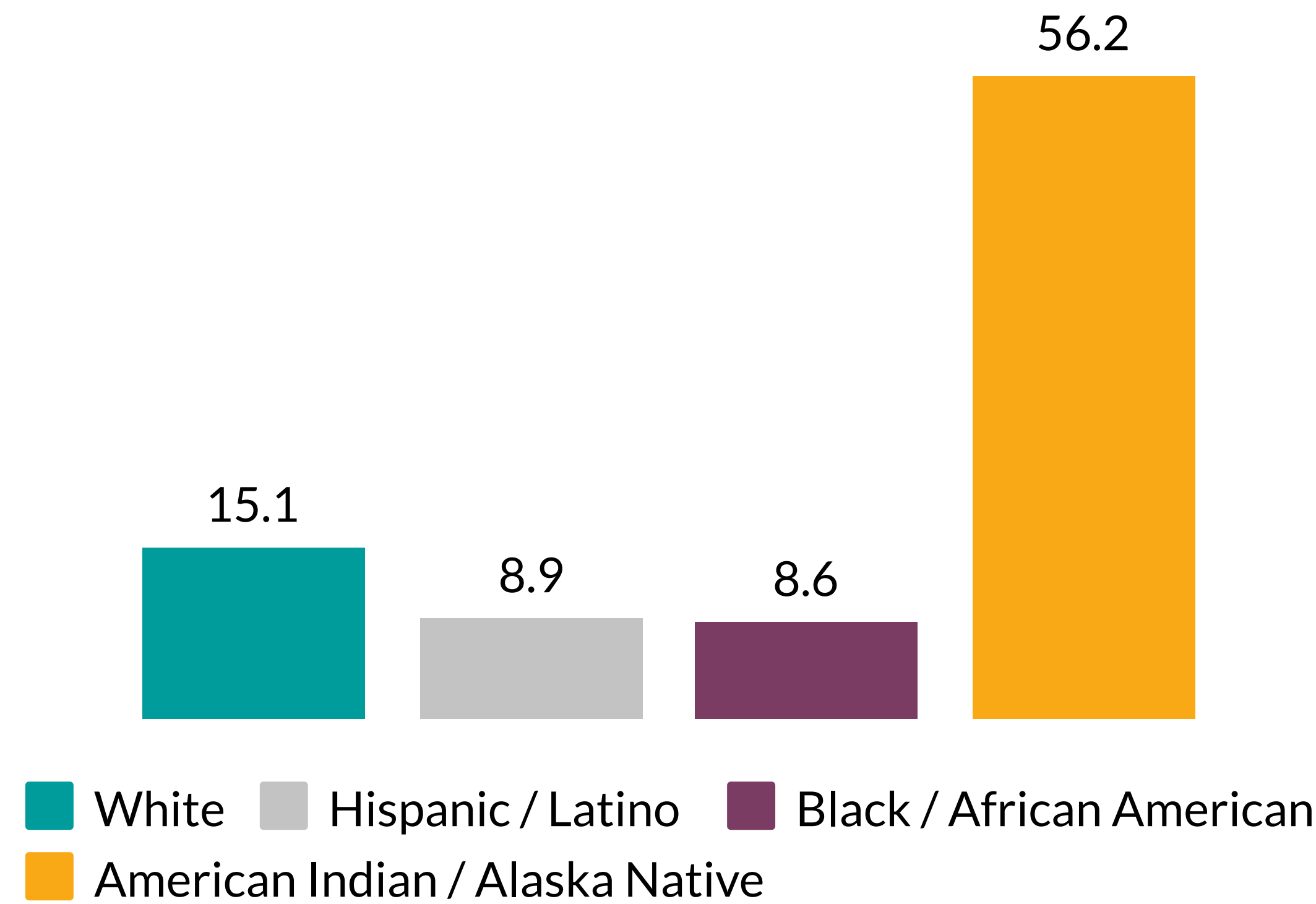
## Arizona Analysis (2017-2019)

Data Source: Arizona Vital Records, 2017-2019

**Arizona Adolescent Suicide Rate = 13.7 per 100,000 Adolescents Ages 15-19 Years**

### Race / Ethnicity

Adolescent suicide disproportionately affects American Indian / Alaska Native youth. The rate of adolescent suicide among American Indian / Alaska Native adolescents was 56.2 per 100,000 adolescents; whereas among Black / African American adolescents it was 8.6 per 100,000 adolescents.



Data for Asian / Pacific Islander adolescents not included due to a small sample size.

### Geography

The rate of adolescent suicide was 27.7 per 100,000 adolescents in rural counties whereas adolescent suicide was 11.3 per 100,000 adolescents in urban counties.



Urban Counties = Maricopa, Pima, Pinal, and Yuma.  
Rural Counties = Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Mohave, Navajo, Santa Cruz, and Yavapai.

### Gender

Adolescent suicide disproportionately affects more male than female adolescents. There were 21.0 per 100,000 adolescent male suicides compared to 6.1 per 100,000 adolescent female suicides.



### Top 4 Causes of Death

The top four causes of death were: hanging, strangulation, or suffocation (49.5%), firearm discharge or explosive material (38.7%), poisoning by drugs, medications, and biological substances (6.2%), and other specified and unspecified means (4.1%).

