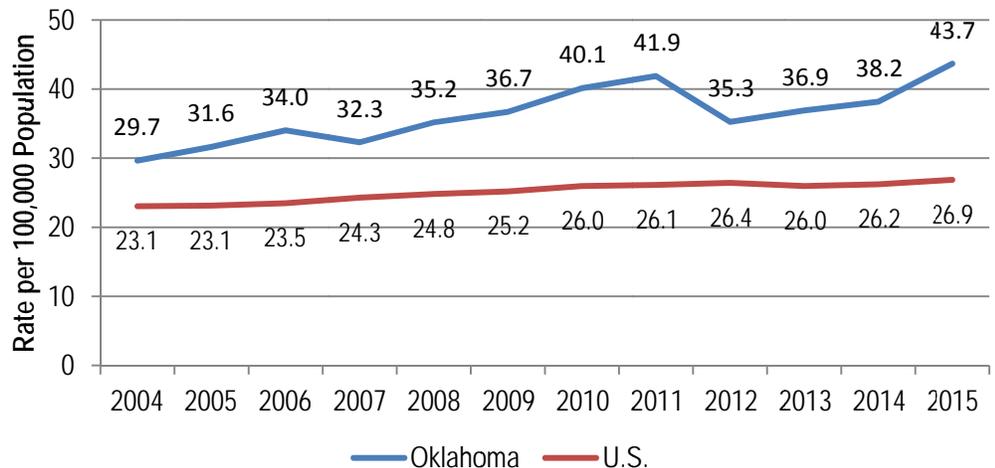


## Male (25-54) Suicides in Oklahoma, 2011 - 2015

- From 2011 - 2015, 1,471 suicides occurred among males 25 - 54 years of age.
- The mean age of victims was 40 years. Approximately one-third of victims fell into each age group; 34% of victims were in the 25-34 age group, 32% were in the 35-44 age group, and 34% were in the 45-54 age group.
- From 2004-2015, Oklahoma's average male (25-54) suicide rate (36.4) was 45% higher than the U.S. rate (25.1). Both the U.S. and the Oklahoma male suicide rates were on an increasing trend (Figure 1).
- Among all races, American Indian males had the highest rates of suicide (46.3) (Table 1).
- American Indian males 25-34 years of age had the highest suicide rate (47.0) of any race and age group (Table 1).
- Among Hispanics, males 35-44 years of age had the highest rate of suicide at 18.3 (Table 1).
- The rate of male suicides for Whites increased with increasing age group; the rate of male suicides for American Indian and African Americans decreased with increasing age group (Table 1).

**Figure 1. Male (25-54) Suicide Rates by Year, U.S. and Oklahoma, 2004-2015**



Source: Centers for Disease Control and Prevention, National Center for Injury Prevention and Control. Web-based Injury Statistics Query and Reporting System (WISQARS) [online]. (2005) [cited 2017 Apr 10]. Available from URL: [www.cdc.gov/injury/wisqars](http://www.cdc.gov/injury/wisqars)

**Table 1. Male (25-54) Suicide Rates\*\* by Age Group, Race and Ethnicity, Oklahoma, 2011-2015**

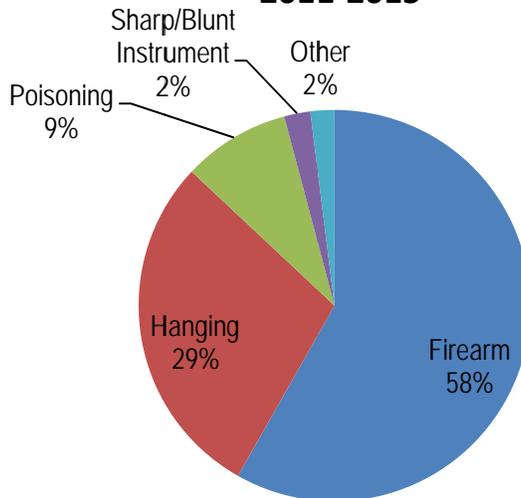
	White		American Indian		African American		Hispanic*	
	N	Rate	N	Rate	N	Rate	N	Rate
Age Group								
25-34	369	35.8	67	47.0	36	28.8	23	13.2
35-44	384	41.4	56	46.9	15	15.3	24	18.3
45-54	440	43.7	49	44.6	7	7.3	8	8.9
Total	1193	40.2	172	46.3	58	18.2	55	13.9

\*Hispanic ethnicity is not a racial category

\*\* Rates per 100,000 population.

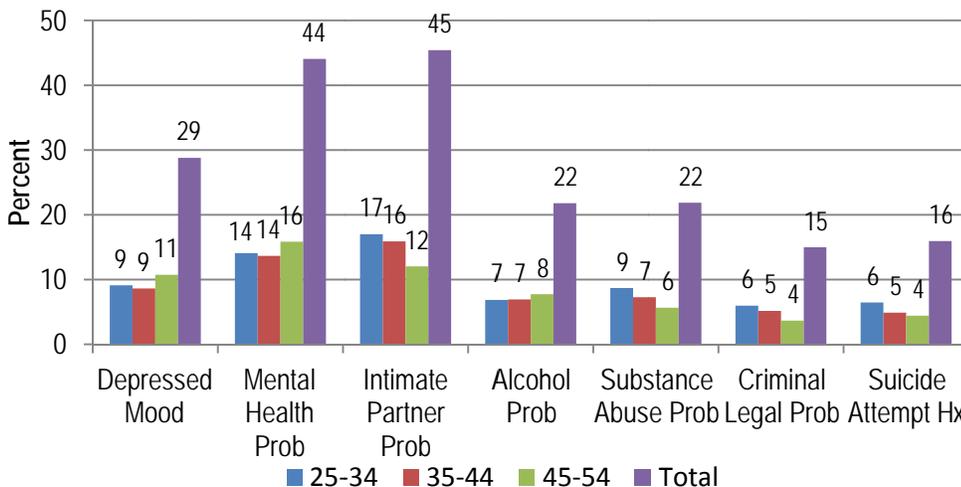


**Figure 2. Method of Male (25-54) Suicide, Oklahoma, 2011-2015**



\* Other methods include, fire/burns, falls, drowning, and other transportation.

**Figure 3. Male (25-54) Suicide Circumstances,\* Oklahoma, 2011-2015**



\*More than one circumstance may have been associated with a suicide.

The Oklahoma Violent Death Reporting System (OKVDRS) is a statewide surveillance system for suicides, homicides, undetermined manner deaths, unintentional firearm injury deaths and legal intervention deaths. Data are collected from medical examiner reports, death certificates, law enforcement reports, and child fatality review data. The data are included in the National Violent Death Reporting System and can be accessed at [www.cdc.gov/injury/wisqars/](http://www.cdc.gov/injury/wisqars/)

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- Firearms were used in 58% of male (25-54) suicides, hanging in 29%, poisoning in 9%, sharp/blunt instruments and other methods were used in 2% of the deaths, respectively (Figure 2).

- The leading circumstances of male suicide were intimate partner problem (45%), mental health problem (44%), and depressed mood (29%) (Figure 3).

- Among males 25-34 and 35-44 years of age, the leading circumstance of suicide was intimate partner problem, 17% and 16% respectively; among males 45-54 years of age, the leading circumstance was mental health problem (16%) (Figure 3).

- Intimate partner problem, substance abuse problem, criminal legal problem, and suicide attempt history decreased with increasing age group (Figure 3).

- A suicide note was left by 28% of male suicide victims.

- 40% of male (25-54) suicide victims who were tested for alcohol, had a positive blood alcohol content (BAC) at the time of death; 31% of the tested BACs were at or above the legal limit of 0.08 mg/dL.

- Seventeen percent of the victims were veterans.