

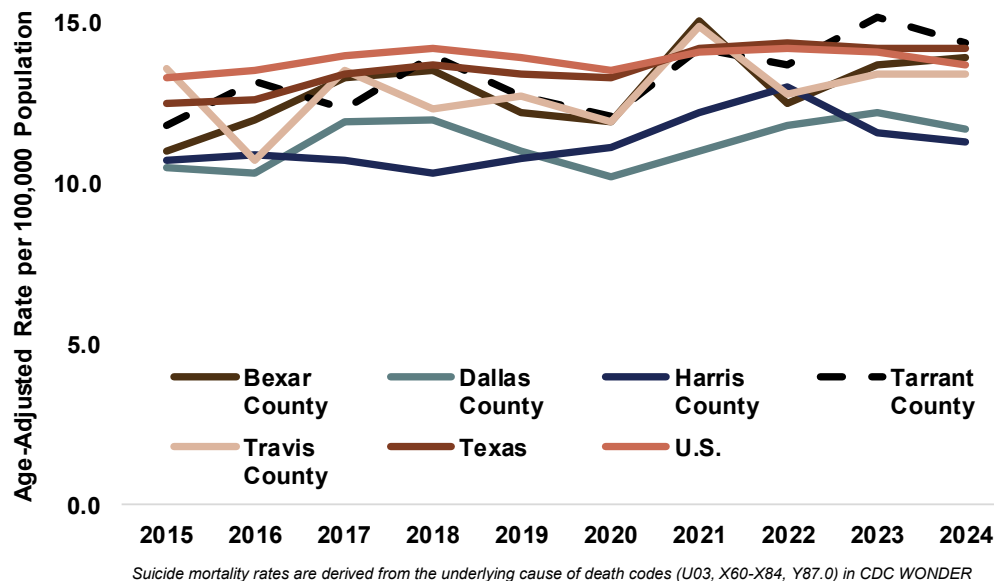
TARRANT COUNTY PUBLIC HEALTH DATA BRIEF



SUICIDE MORTALITY IN TARRANT COUNTY

Suicide Mortality: when someone *intentionally* harms themselves with the purpose of ending their life, and they die as a result. Suicide is a type of *manner* or *intent* used to describe deaths. Other manners/intents include: unintentional (accidents) and homicide. There are many types of *mechanisms* used to commit suicide, such as a firearm, suffocation, poisoning, fall, etc.

Figure 1. Suicide mortality rates by geographic location, 2015-2024

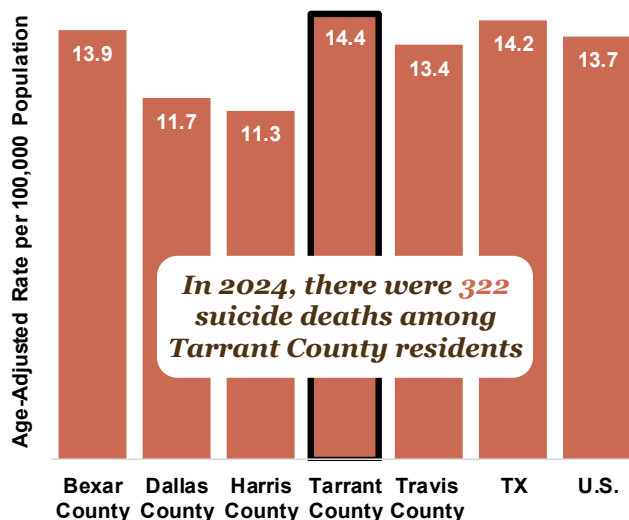


Suicide rates have been **trending upward** at the national, state, and local level

Texas and the U.S. had **significant increases** in suicide mortality from 2015 to 2024 (Figure 1)

In 2024, Tarrant County's suicide mortality rate was **significantly higher** than Harris County (Figure 2)

Figure 2. Suicide mortality rates by geographic location, 2024



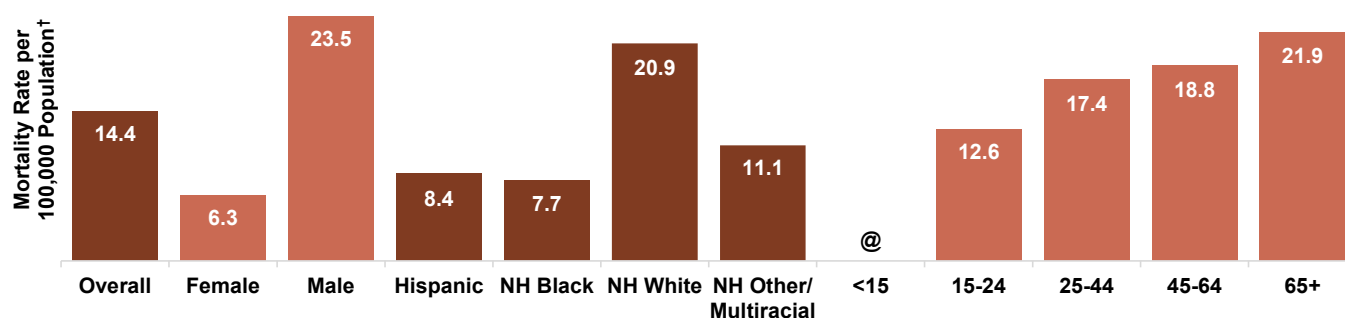
In 2024, there were **322** suicide deaths among Tarrant County residents

From 2020-2024, the suicide mortality rate among Tarrant County **veterans** (26.9) was **significantly higher** and **more than twice** that of residents who never served in the armed forces (12.9)

Approximately **88%** of the Tarrant County veteran population was **male** in 2020-2024, while **97%** of veteran suicide deaths were **male**

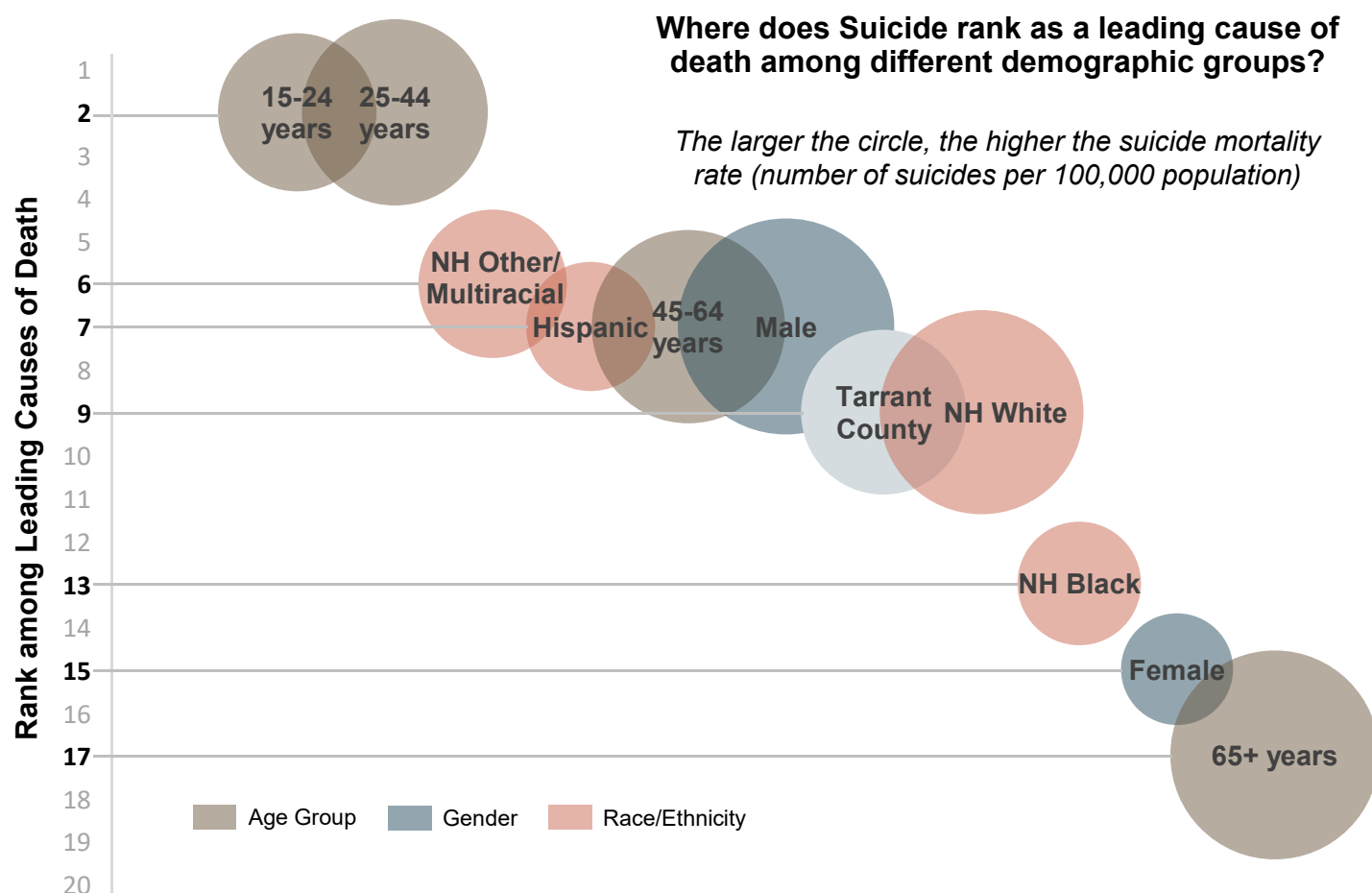


Figure 3. Tarrant County suicide mortality rates[†] by gender, race/ethnicity, and age group (in years), 2024



Among Tarrant County residents in 2024, suicide mortality rates were significantly higher among males and non-Hispanic White residents

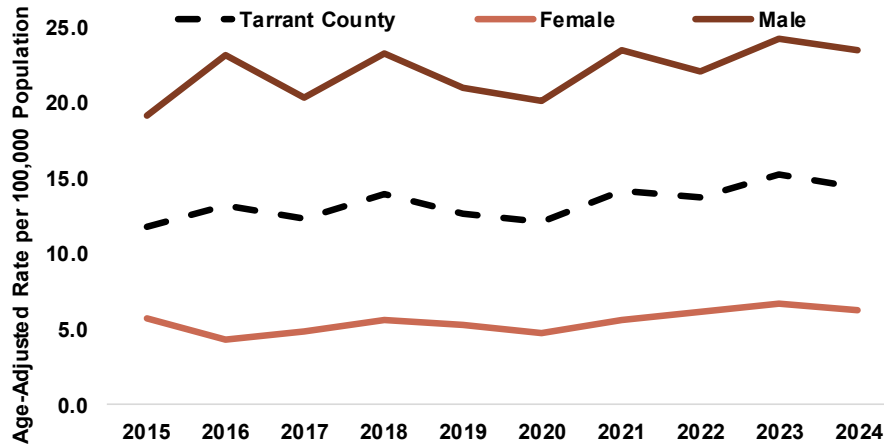
Figure 4. Tarrant County suicide mortality by leading cause of death rank among demographic groups, 2024



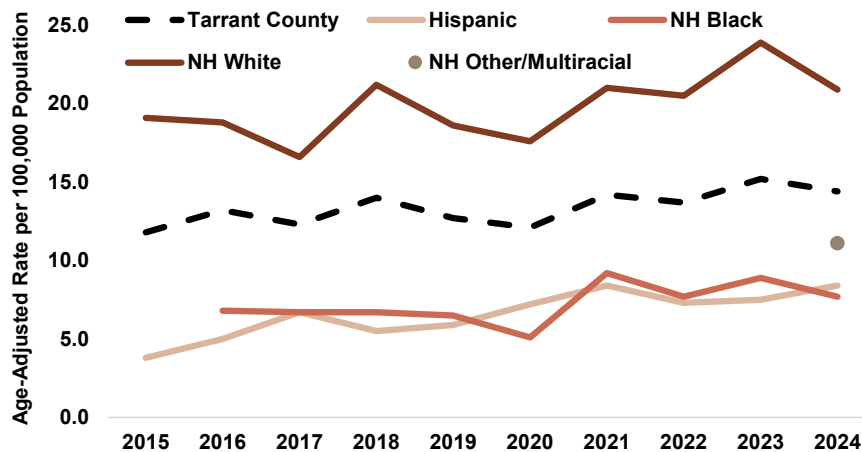
It's important to note the differences between rank and rate

For example, while suicide ranked 7th among Hispanic residents and 17th among residents aged 65+ years, the suicide mortality rate was significantly higher among residents aged 65+ years compared to Hispanic residents (21.9 vs. 8.4 suicides per 100,000 population)

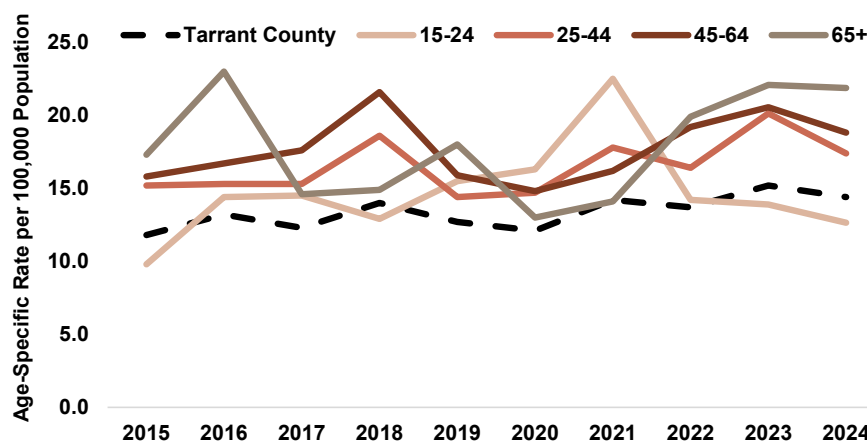
Figures 5-7. Tarrant County suicide mortality rates[†] by gender, race/ethnicity, and age group (in years), 2015-2024



Each year from 2015-2024, Tarrant County **males** had **significantly higher** suicide mortality rates than females and Tarrant County overall



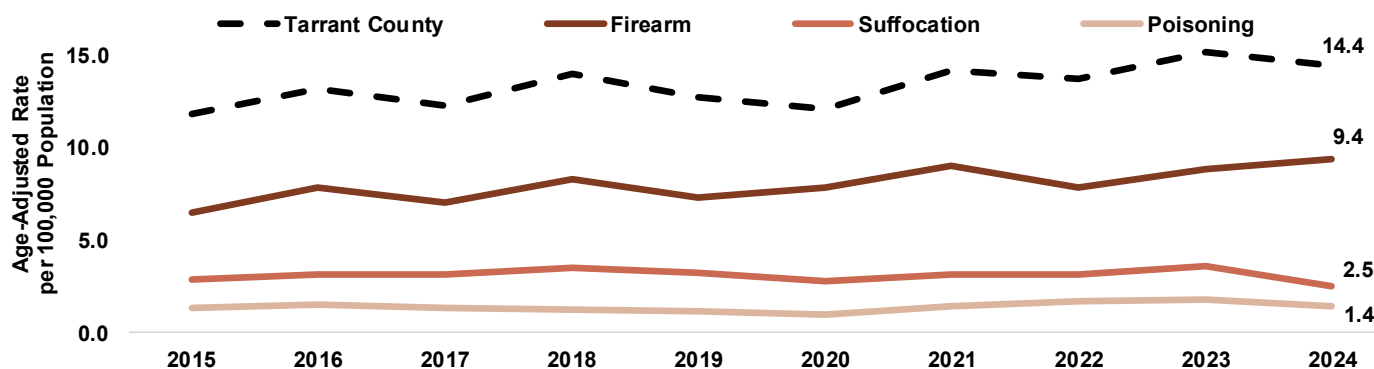
Each year from 2015-2024, Tarrant County **non-Hispanic White** residents had **significantly higher** suicide mortality rates than all other racial/ethnic groups and Tarrant County overall



In 2024, Tarrant County residents aged **65+ years** had a **significantly higher** suicide mortality rate (21.9) than Tarrant County overall (14.4)

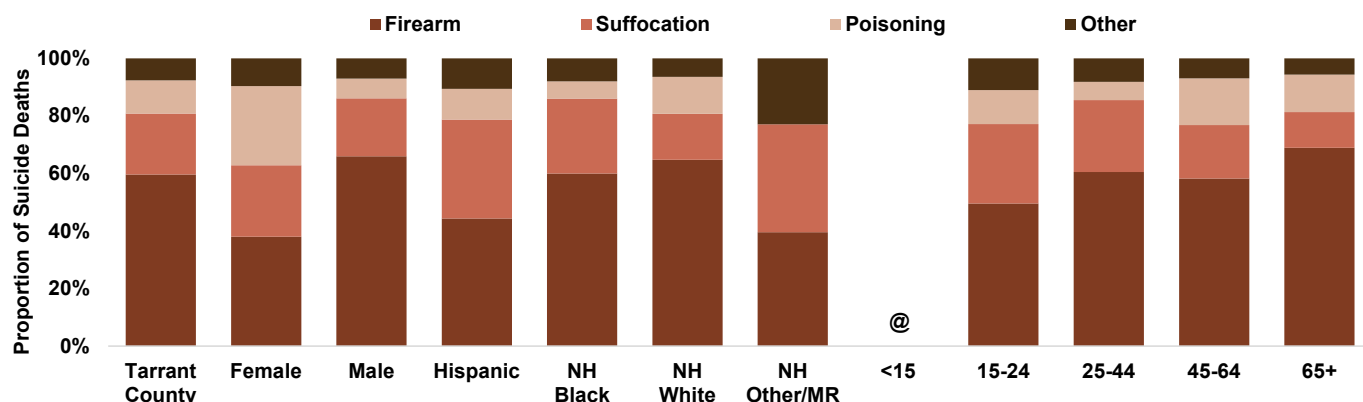
Among Tarrant County residents aged **15-24 years**, there was a **significant increase** in suicide mortality rates from 2015 to 2021 (9.8 to 22.5) and then a **significant decrease** from 2021 to 2024 (22.5 to 12.6)

Figure 8. Tarrant County suicide mortality rates by top mechanisms, 2015-2024



There was a **significant increase** in **firearms** being used in suicides among Tarrant County residents from 2015 to 2024 (6.5 to 9.4). Each year from 2015-2024, Tarrant County residents used **firearms** during suicide at a **significantly higher** rate than suffocation and poisoning

Figure 9. Mechanisms used in fatal suicides by demographic group, Tarrant County, 2022-2024



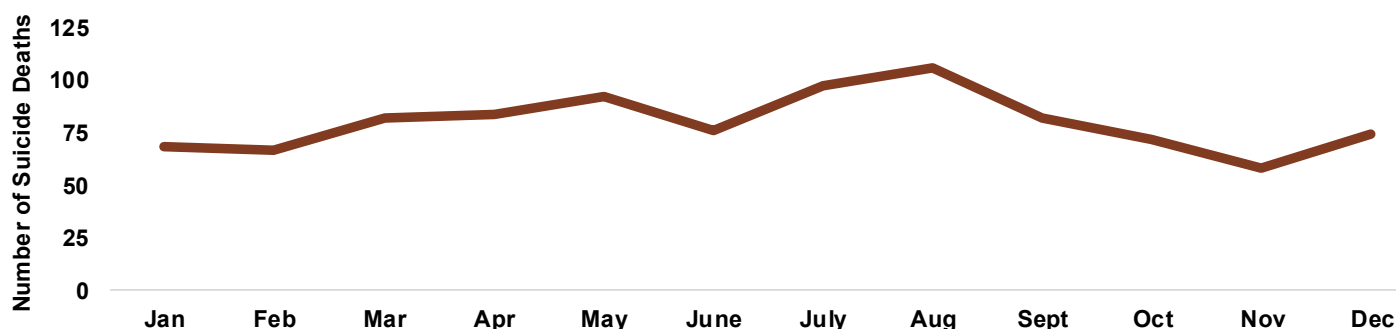
During 2022-2024, **firearms** were the **most common suicide mechanism** used across all Tarrant County demographic groups

The use of **firearms** was highest among those aged **65+ years** (69%)

The use of **suffocation** was highest among **non-Hispanic Other/Multiracial** residents (38%)

The use of **poisoning** was highest among **females** (28%)

Figure 10. Tarrant County fatal suicides by month, 2022-2024



During 2022-2024, Tarrant County fatal suicides occurred most often in **August** and **July**