BACKGROUND

Westmoreland County, Pennsylvania is an urban county with a population of 350,611 people (171,509 males and 179,102 females). In 2018, Westmoreland County had 63 suicide deaths (51 males and 12 females) at a rate of 18.0 suicide deaths per 100,000 people. The Pennsylvania Violent Death Reporting System (PAVDRS) worked closely with the Bureau of Health Statistics and Registries and the Westmoreland County Coroner’s Office to gather detailed information about each violent death. Below are some results of those collaborations.

**In Westmoreland County, approximately 5 suicide deaths occurred every month.**

Characteristics of Suicide Victims

- **Sex of Victims:**
  - Data showed that males were over 4 times more likely to die by suicide than females.
  - White males comprised 79% and white females comprised 19% of suicide deaths.
  - Overall, age-adjusted suicide death rates in Westmoreland County were higher than the state average:
    - **Westmoreland Rates:** 19.0 deaths per 100,000 population (males 30.6 and females 7.5).
    - **Pennsylvania Rates:** 15.0 deaths per 100,000 residents (males 24.0 and females 6.5).

- **Age of Victims:**

Leading Cause of Suicide Deaths by Sex:

- Firearm: 43% (Male 8%)
- Suffocation: 22% (Male 5%)
- Poisoning: 3% (Male 6%)
- Others: 6% (Male 3%)

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Most Common Precipitating Circumstances:

- Disclosed suicidal intent: 3% Male, 3% Female
- Disclosed suicidal intent to friend/colleague: 3% Male, 2% Female
- Disclosed suicidal intent to previous/current partner: 2% Male, 2% Female
- Disclosed suicidal intent to neighbor: 2% Male, 2% Female
- Disclosed suicidal intent to family member: 2% Male, 2% Female
- School problem: 2% Male, 2% Female
- Financial problem: 2% Male, 2% Female
- Job problem: 6% Male, 3% Female
- Death of friend/family member: 8% Male, 2% Female
- Depressed mood: 13% Male, 6% Female
- History of suicide attempts: 13% Male, 6% Female
- Left suicide note: 24% Male, 24% Female
- History of mental health treatment: 14% Male, 14% Female
- Current mental health problem: 32% Male, 32% Female

Age-adjusted Rates:

The PAVDRS program is a state level surveillance system funded and overseen by the Centers for Disease Control and Prevention (CDC). It is part of the larger National Violent Death Reporting System (NVDRS). There is a Violent Death Reporting System in all 50 states and some US territories. The PAVDRS program collects data on suicides, homicides, deaths of undetermined intent, and accidental firearm deaths. The program is required to collect data directly from death certificates, coroners/medical examiners, and law enforcement. These sources contribute to a comprehensive understanding of each violent death. The program tries to understand what was happening in the victim’s life leading up to their death. PAVDRS/NVDRS data is used for research, policymaking, and, ultimately, to develop violence prevention programs and strategies that will enhance community safety. For more information about the PAVDRS program, please call 717-787-5900 or email RA-DHPAVDRS@pa.gov.

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