

MT-VDRS

How Trauma Centers Can Use VDRS Data

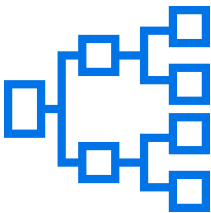


There were 526 total Violent/Overdose deaths in 2023.

- Suicide: 307
- Homicide/Legal Intervention: 53
- Unintentional Firearm: 2
- Undetermined: 3
- Unintentional Overdoses: 161

Our current in depth data only goes from 2019-2021. 2022 data will be received in August.

Approximately 600 Data Variables



- Incident Variables
- Victim Variables
- Suspect Variables
- Circumstance Variables by Manner of Death
- Weapon Variables
- Toxicology Information

Complete variable list found here

<https://www.cdc.gov/injury/wisqars/nvdrs/data-elements.html>



How to Request Data

Restricted Access Database (RAD)

De-identified, multi-state, case-level data set comprising hundreds of unique variables. The database includes short narratives to describe the circumstances related to violent deaths, including descriptions from law enforcement and coroner/medical examiner investigative reports.

Eligibility Requirements

Montana Specific

<https://fcss.wufoo.com/forms/emsts-data-request-v2/>

CDC National Data

<https://www.cdc.gov/violenceprevention/datasources/nvdrs/dataaccess.html>



WISQARS is an interactive query system that provides data on fatal and nonfatal injuries in the United States. Any data user can access WISQARS online.

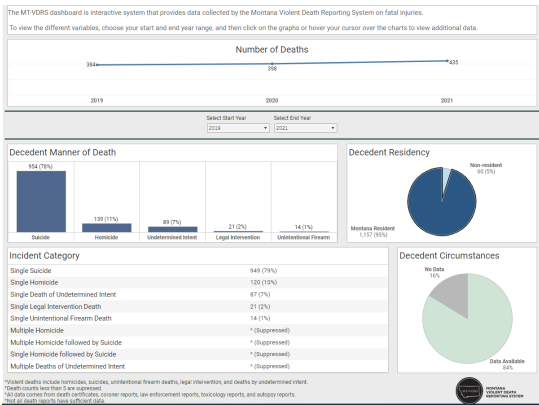
The NVDRS module in WISQARS provides descriptive information on violence-related deaths available from participating states. The query system provides incident counts as well as crude and age-adjusted death rates by manner of death and cause of injury. Queries can be tailored to include specific states, years, age ranges, sex, and racial or ethnic groups of interest

<https://www.cdc.gov/injury/wisqars/index.html>

MT-VDRS Dashboard

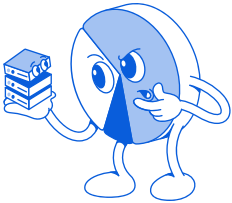
The MT-VDRS dashboard is an interactive system that provides data on fatal violent injuries in Montana.

- Death counts under 5 are suppressed
- Compare suicides, homicides, legal intervention, undetermined and unintentional firearm deaths by county
- Find trends and view the top circumstances involved in violent deaths



<https://dphhs.mt.gov/publichealth/EMSTS/VDRS-Dashboard>

What the Data Can Tell You



- Alcohol and drug levels at time of death
- Mental and physical health diagnosis/current treatment
- History of suicide attempts, thoughts, or self-harm
- Gang or drug related
- Relationship, job, or school problem
- History of abuse or neglect as a child
- Previous perpetrator or victim of violence in the past month

2021 Data

583 Total Violent/Overdose Deaths



- 97 of 583 deaths were seen in a hospital for the injury that caused the death
- 33 of 97 decedents were admitted to inpatient care
- 64 of the 97 died in the emergency department
- 32 of the 97 were due to gun shot wound(s)
- 45 of the 97 were due to unintentional overdose