North Dakota Violent Death Reporting System Suicide Data

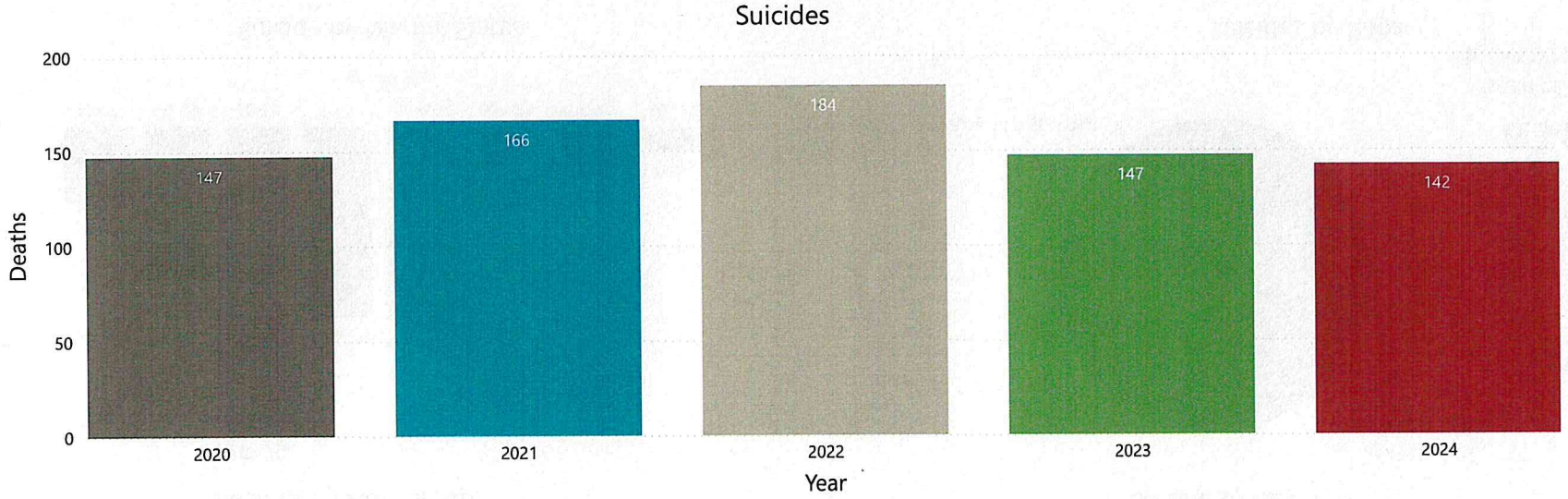
Data Notes: Finalized Data for 2019-2022

*Preliminary Data for 2023 and 2024

Numbers represent both ND residents and Out-of-State residents where initial injury occurred in ND

Data Source: Health Statistics and Performance

Last Updated: January 14, 2025



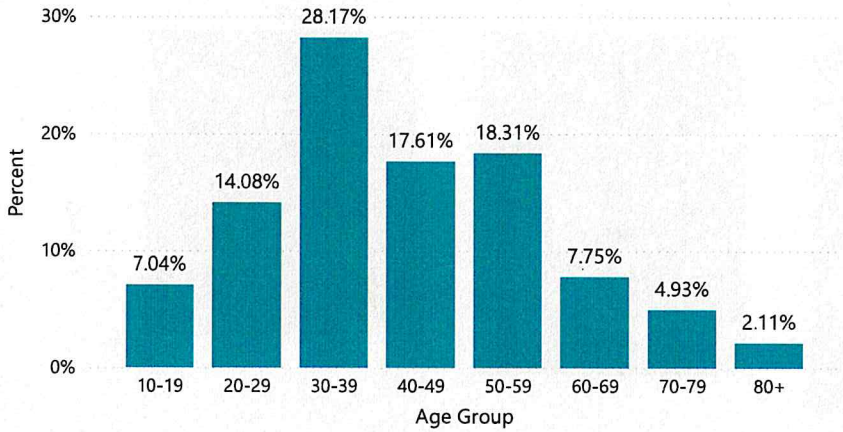
NORTH Dakota | Health & Human Services
Be Legendary.

To learn more about the National Violent Death Reporting System, please visit:
www.cdc.gov/violenceprevention/datasources/nvdrs/index.html

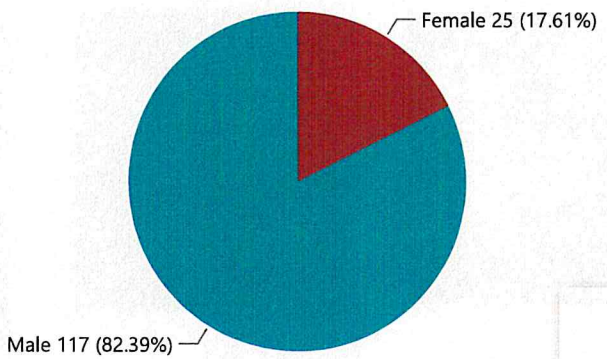
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Demographics 42 Average Age All 2024 142 Suicides

Suicides by Age Group

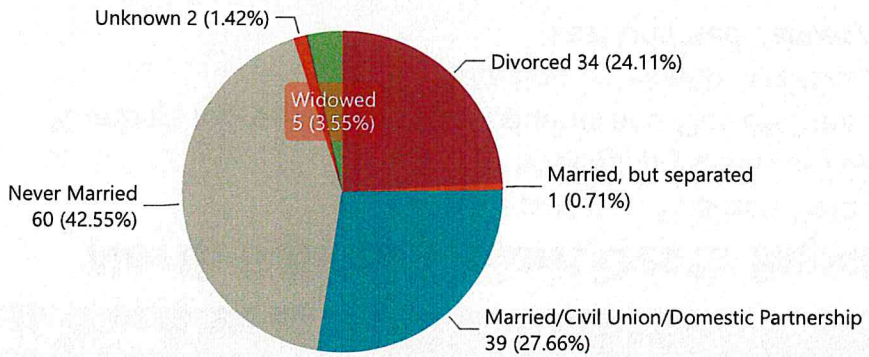


Suicide by Sex

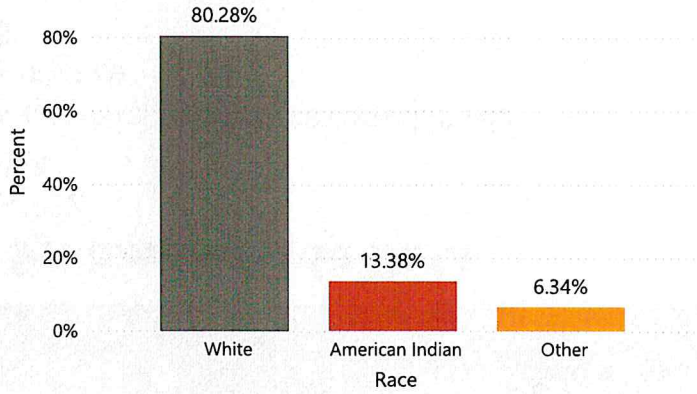


6.34%
Hispanic Ethnicity

Suicide by Marital Status



Suicides by Race



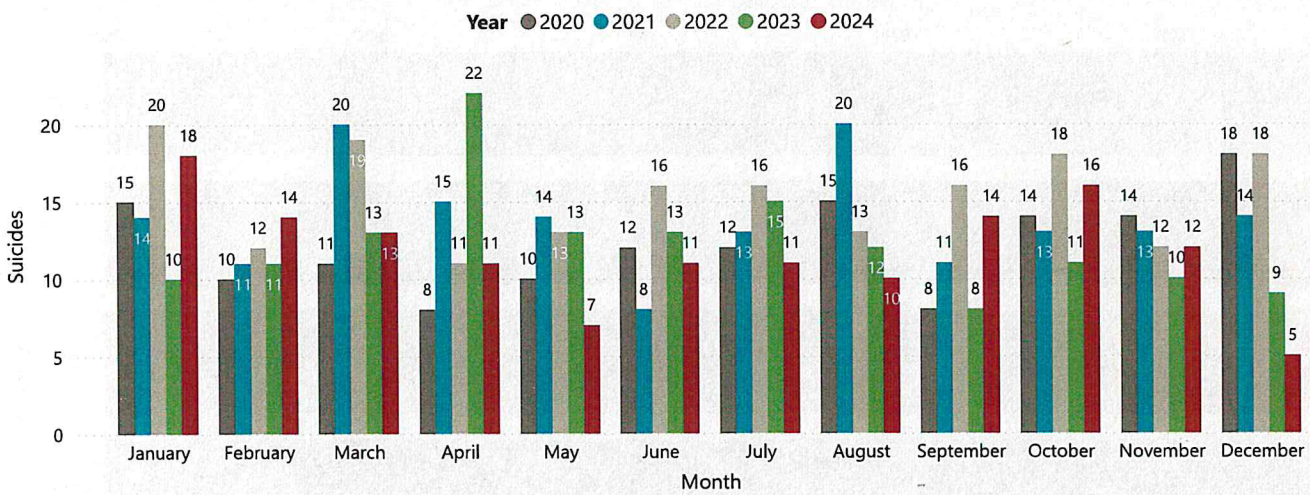
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Trends

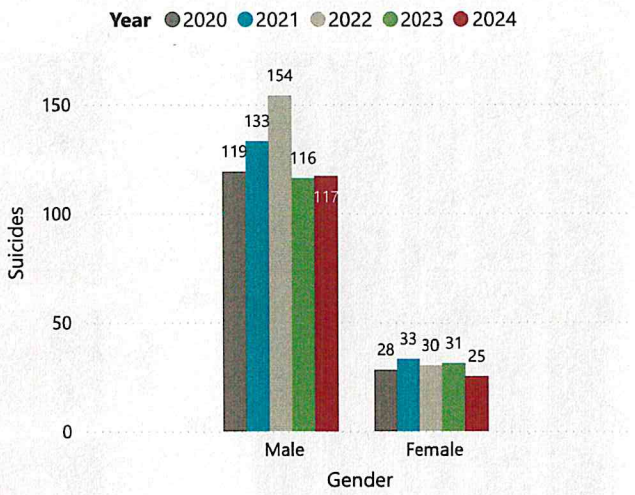
All

786 Suicides

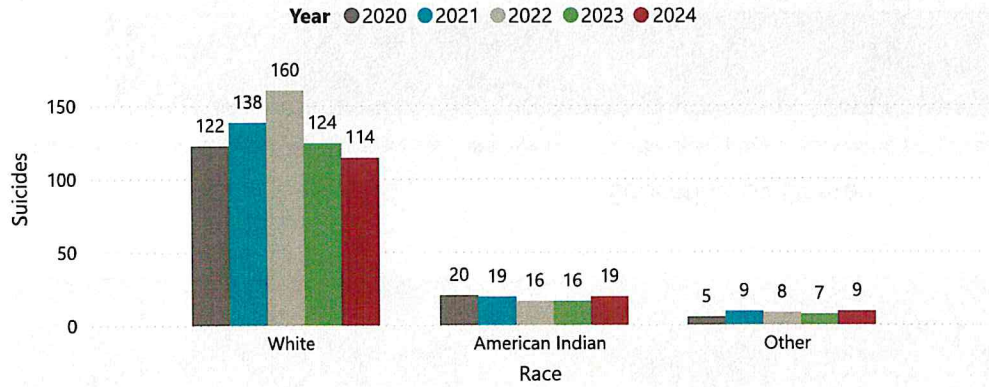
North Dakota Suicides



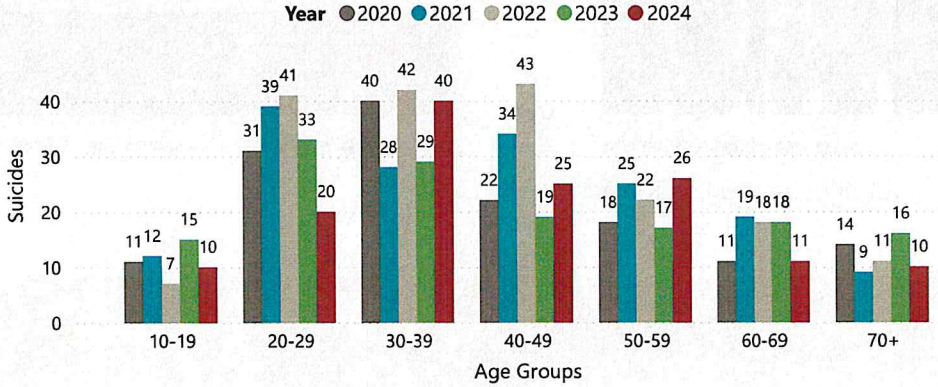
Suicide by Sex



Suicides by Race



Suicides by Age Group



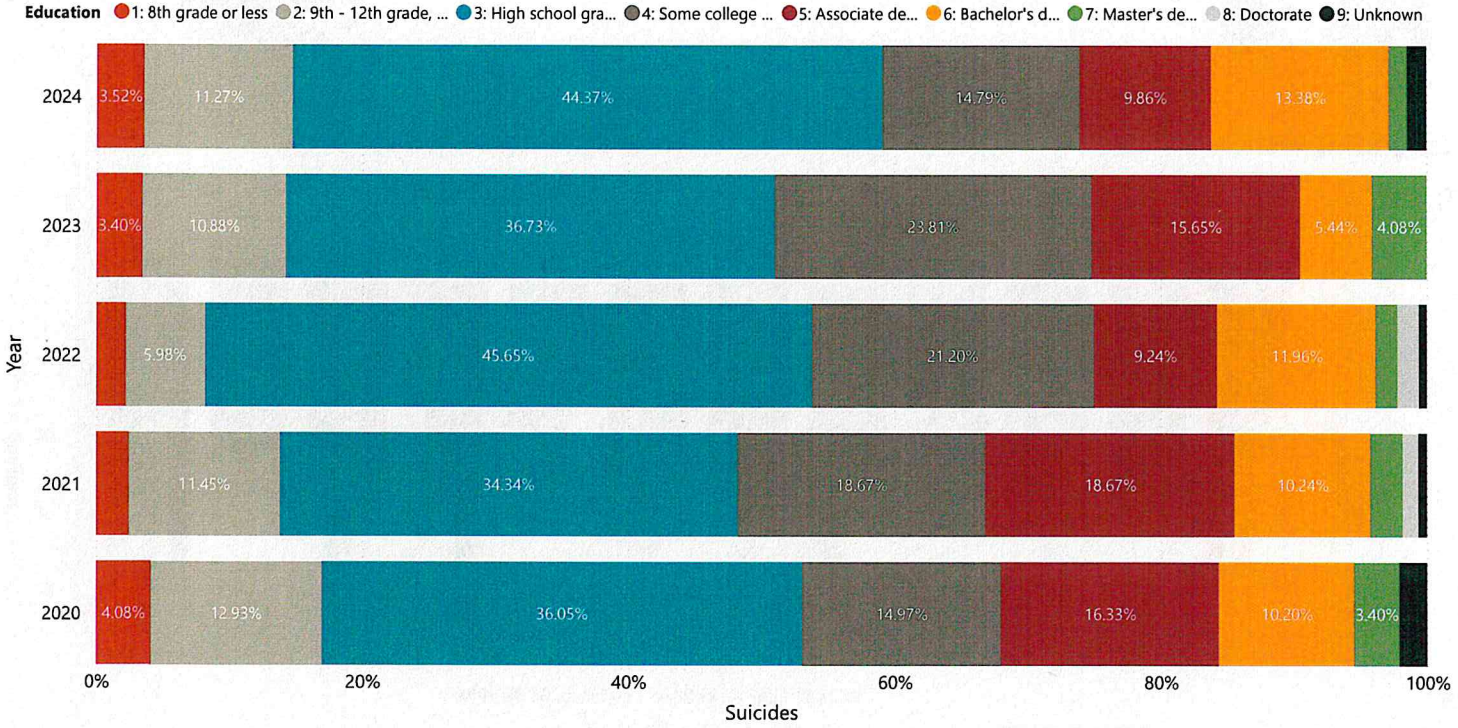
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Education

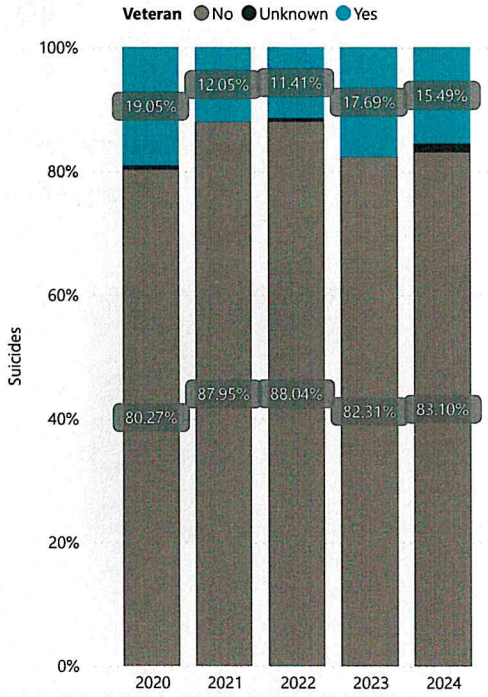
All

786 Suicides

Education by Degree



Current or Former Military



Race

Select all | American Indian | Other | White

Sex

- [ ] Select all
- [ ] Female
- [ ] Male

Age Group

Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

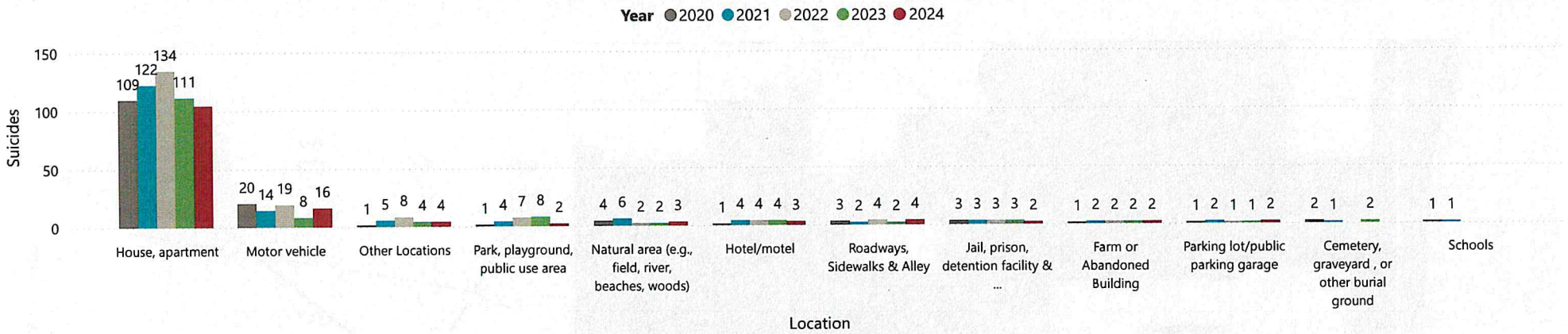
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Injury Location Type

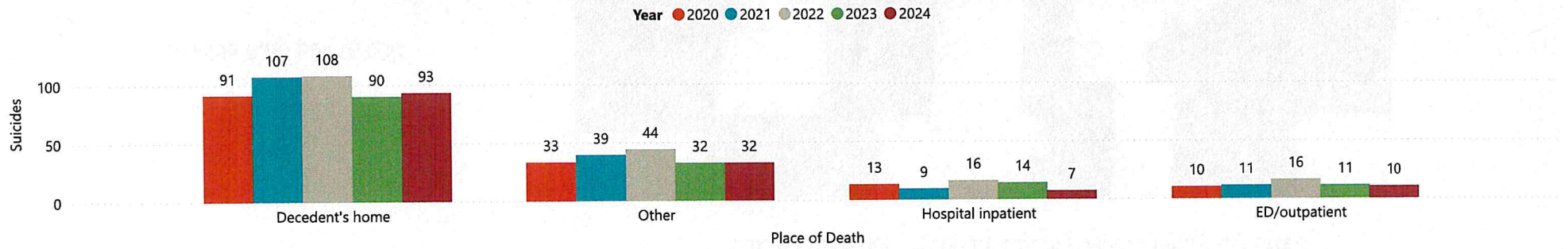
All

786 Suicides

Suicide Location Where Injury Occurred



Suicides by Place of Death



Race

Select all | American Indian | Other | White

Sex

- [ ] Select all
- [ ] Female
- [ ] Male

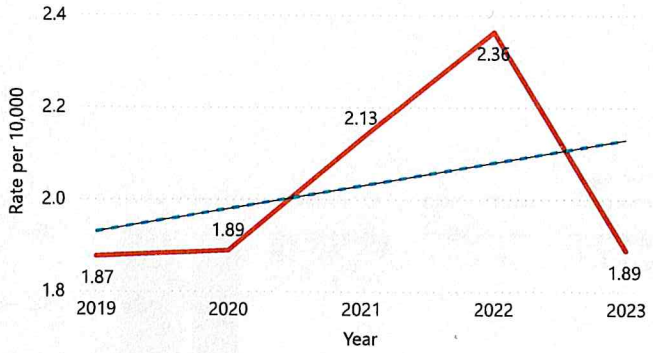
Age Group

Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

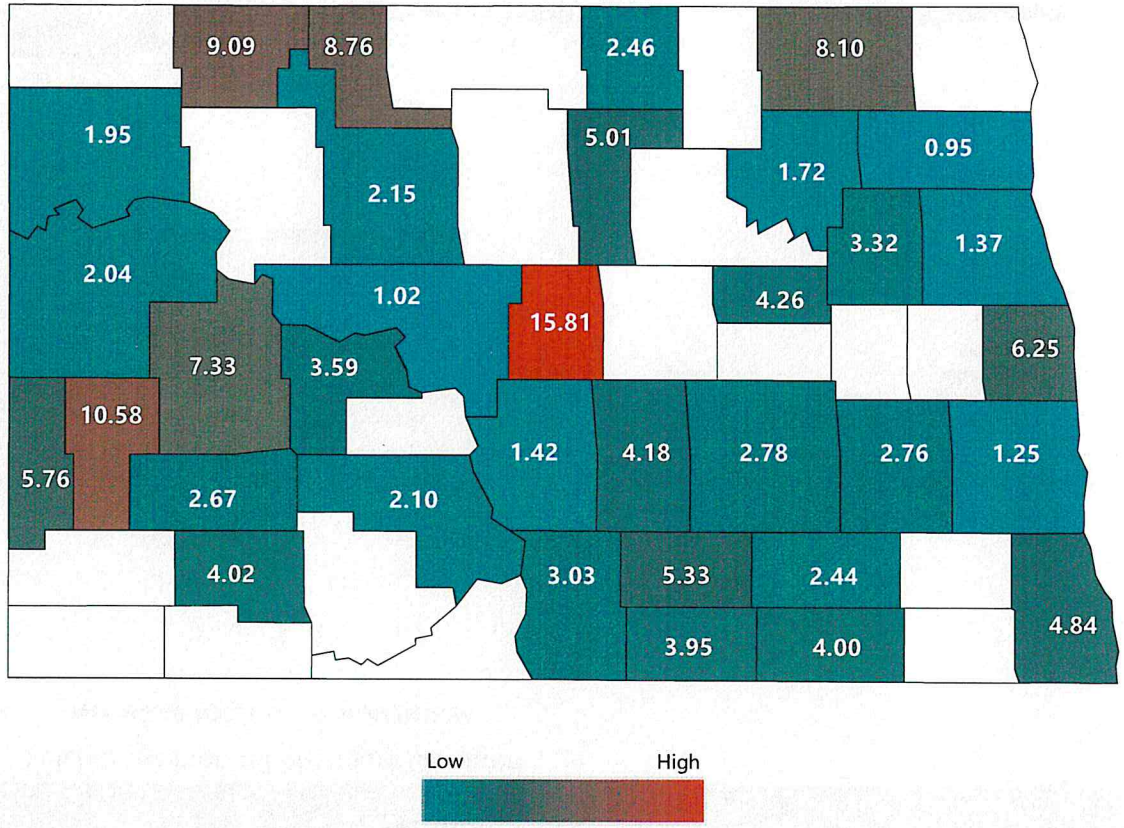
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Location 779,094 Population 1.89 Rate per 10,000 2023 147 Suicides

Suicide Rate per 10,000



Suicide Rate per 10,000 by County Where Injury Occurred



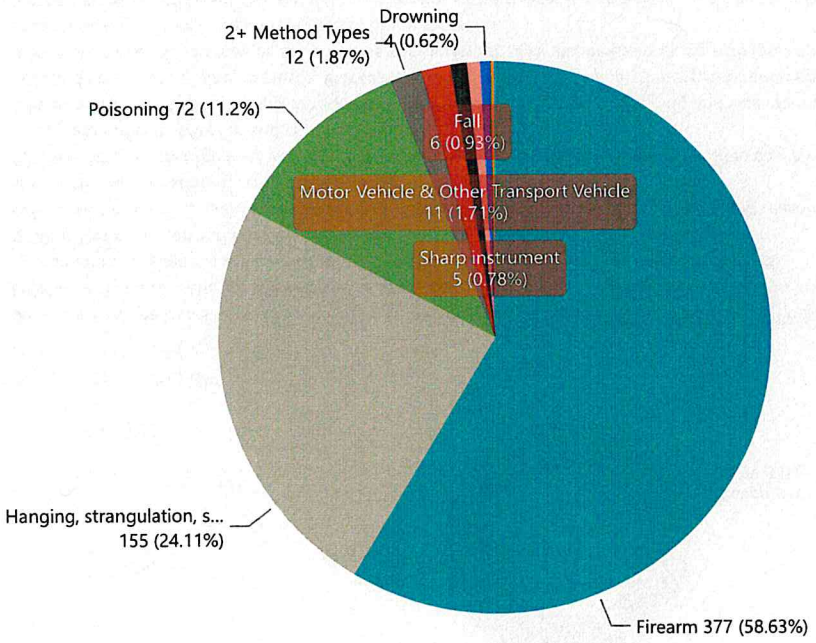
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Method

Only 2019 - 2022 method data available at this time

All | Multiple selections | 643 Suicides

Suicide Method Type

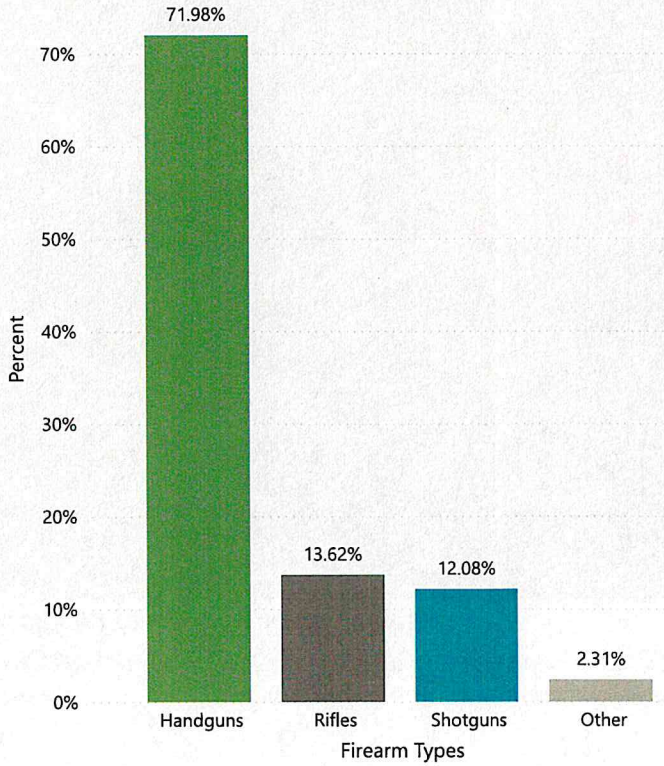


7
Stolen Firearms

71
Guns Stored Loaded

91
Guns Stored Not Locked

Firearm Type Used



Race: Select all | American Indian | Other | White

Sex: Select all | Female | Male

Age Group: Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Toxicology

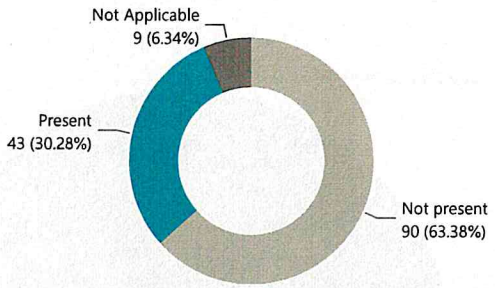
All | 2024 | 142 Suicides

0.05
Min of Alcohol BAC

0.35
Max of Alcohol BAC

0.18
Median of Alcohol BAC

Alcohol Involvement



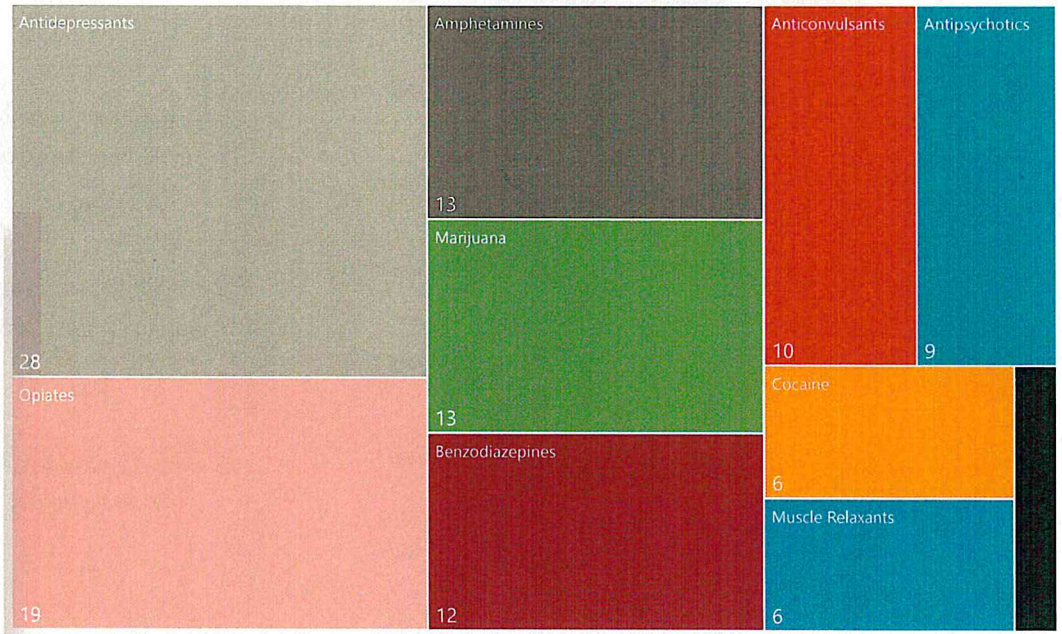
Toxicology Trends

1
Kratom Present

6
Fentanyl Present

11
Methamphetamine Present

Toxicology Present in Suicide Deaths



0.02%: This is the lowest level of intoxication with some measurable impact on the brain and body.
0.05%: At this level behavior will become exaggerated with impaired judgement and reduction in coordination. Inhibitions will be lowered causing one to potentially engage in risky behaviors.
0.08%: This is the current legal limit in ND that it is considered illegal and unsafe to drive.
0.10%: At this level, reaction time and control will be reduced, speech slurred, thinking and reasoning are slower and coordination of arms and legs is poor.
0.15%: This is a very high level with much less control over balance and voluntary muscles so walking and talking are difficult. May fall and vomiting begins.
0.20%: Stupor, confusion, feeling dazed and disorientation are common. Standing and walking may require help and sensations of pain decrease. Blackouts begin at this level as well as choking/aspiration on vomit.
0.30%: At this level, you may be unconscious and potential for death increases along with loss of understanding, increased heart rate, loss of bladder control.
0.40% and over: This level may put you in a coma or cause sudden death because your heart or breathing will suddenly stop.

Race
Select all | American Indian | Other | White

Sex
Select all
Female
Male

Age Group
Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

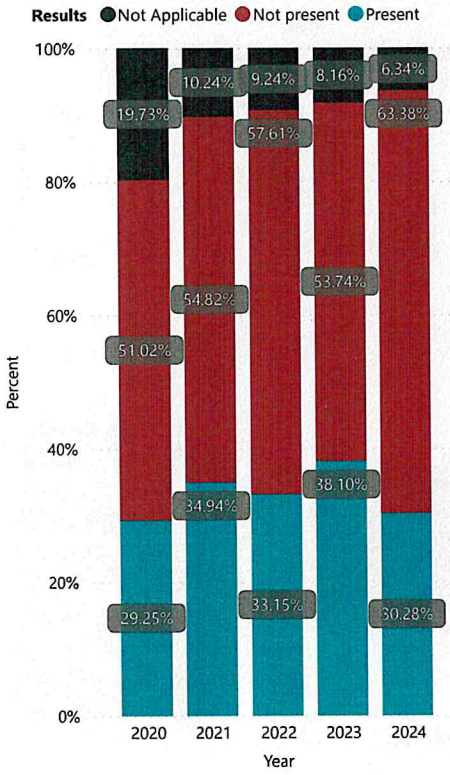
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Toxicology Trends

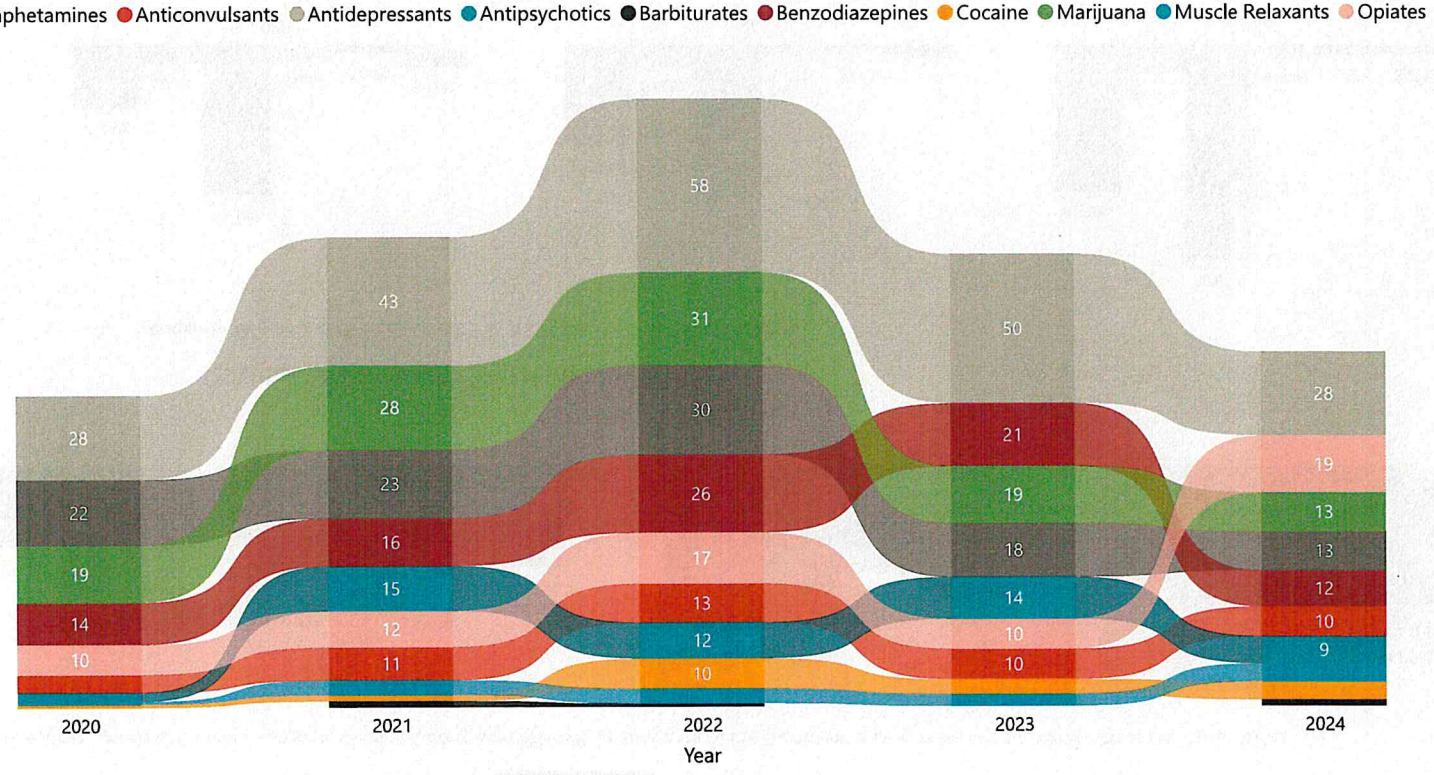
All

786 Suicides

Alcohol Involvement by Year



Toxicology Present in Suicide Deaths



Race

Select all | American Indian | Other | White

Sex

- Select all
- Female
- Male

Age Group

Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

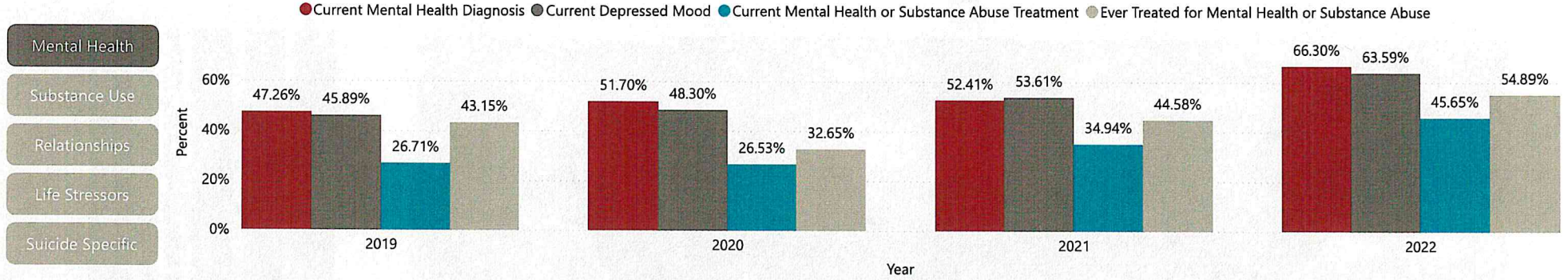
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

NDVDRS Suicide Circumstances

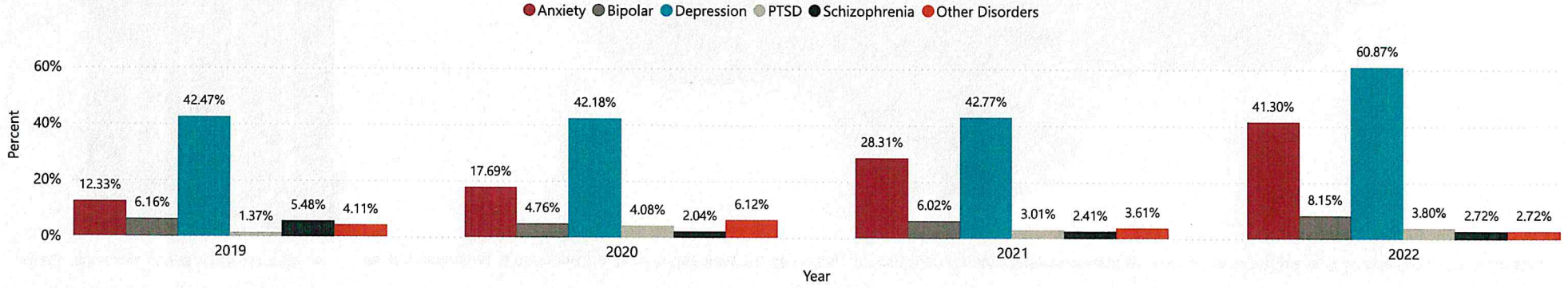
Only 2019-2022 circumstance data available at this time

All | All | 643 Suicides

Mental Health Circumstances



Current Diagnosed Mental Health Problem



Race

Select all | American Indian | Other | White

Sex

- Select all
- Female
- Male

Age Group

Select all | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70+

North Dakota ESSENCE Data

The Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE), captures syndromic surveillance data from hospitals in the State. This includes data from all acute care and critical access hospitals. This data consists of emergency department, urgent care and walk-in-clinic visit information. The purpose is to capture and analyze health-indicator data to identify abnormal health conditions, events, and enable early detection of outbreaks.

The data provided on the "Attempts" and "Ideation" pages, was obtained from the ND ESSENCE. Please note the caveats of this data:

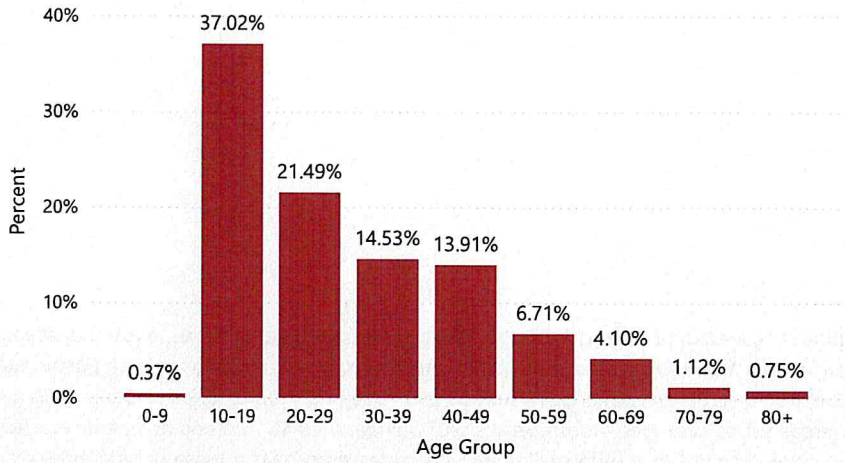
1. These numbers represent a syndrome definition that utilizes both ICD-10 codes and chief complaint which looks for key words. These **should not** be considered a true "number of cases." Syndromes may also contain "noise" meaning that the syndrome data may count actual non-related events.
2. NOT every hospital submits both ICD and chief complaint so some visits may be missing.
3. Some hospitals only submit data on ND residents. Transient populations may not be included; therefore, underestimating the impact.
4. Increase in number may be due to actual increases or it may be due to increase in number of facilities participating.

Back

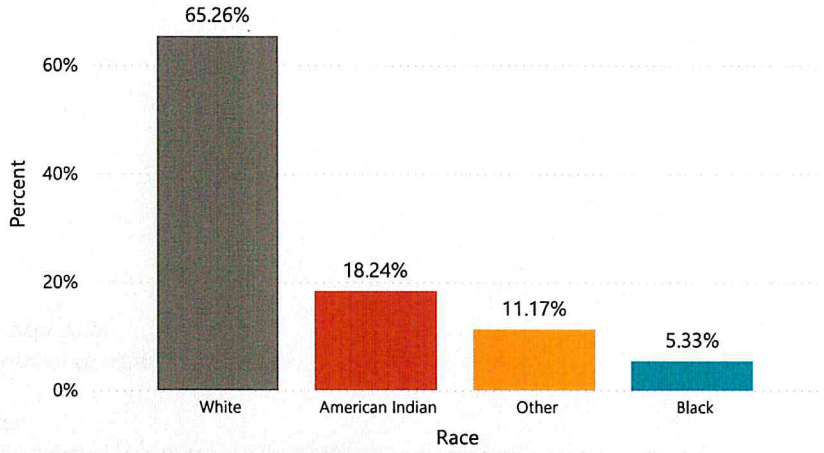
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

ESSENCE Suicide Attempts 30 Average Age 2024 806 Suicide Attempts

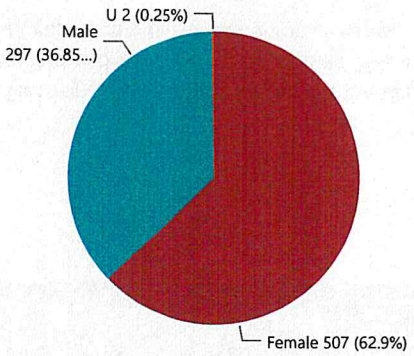
Suicide Attempt by Age Group



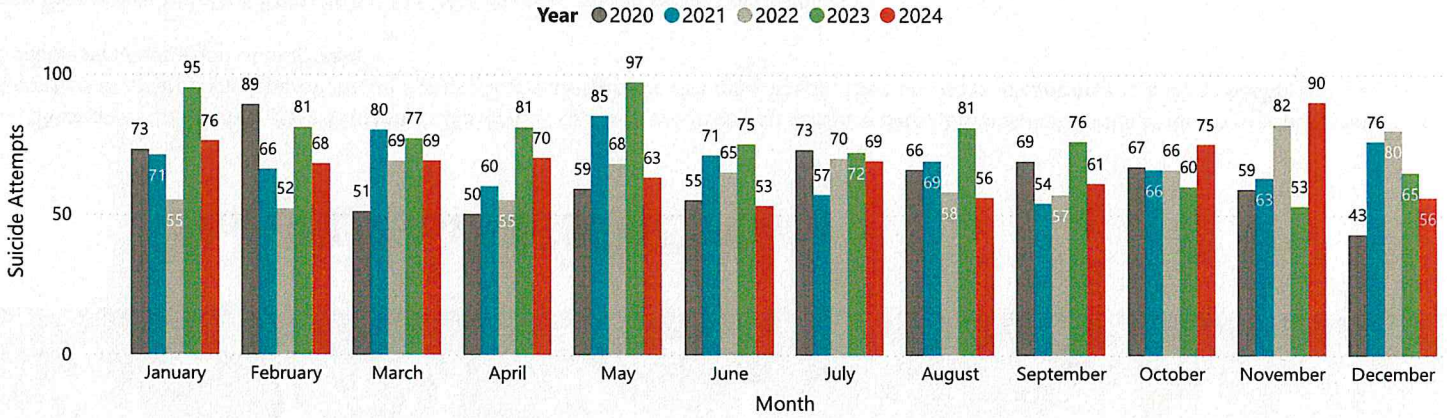
Suicide Attempt by Race



Suicide Attempt by Sex



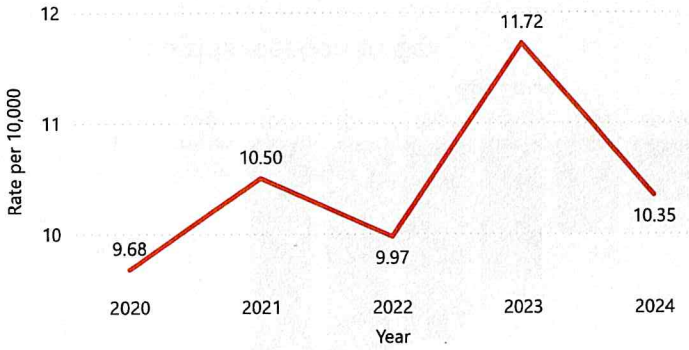
North Dakota Suicide Attempts



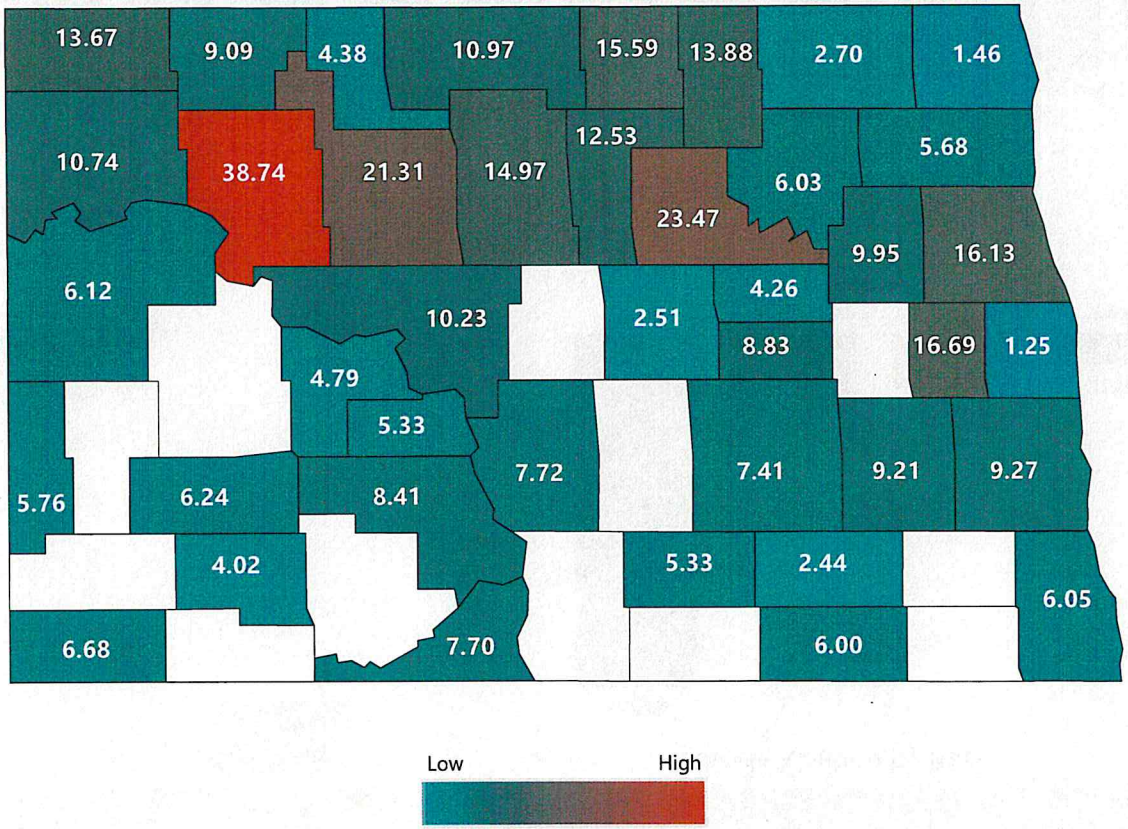
Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

ESSENCE Suicide Attempts 779,094 Population 10.35 Rate per 10,000 2024 806 Suicide Attempts

Suicide Attempts Rate per 10,000



Suicide Attempt Rate per 10,000 by County Where Patient Lives

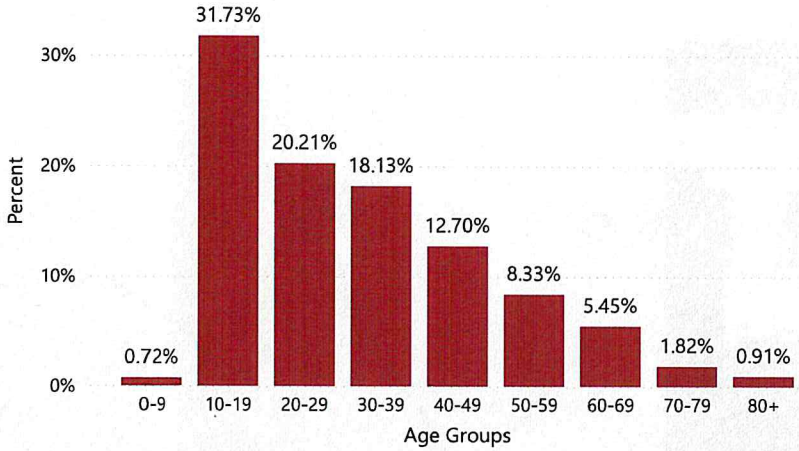


Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

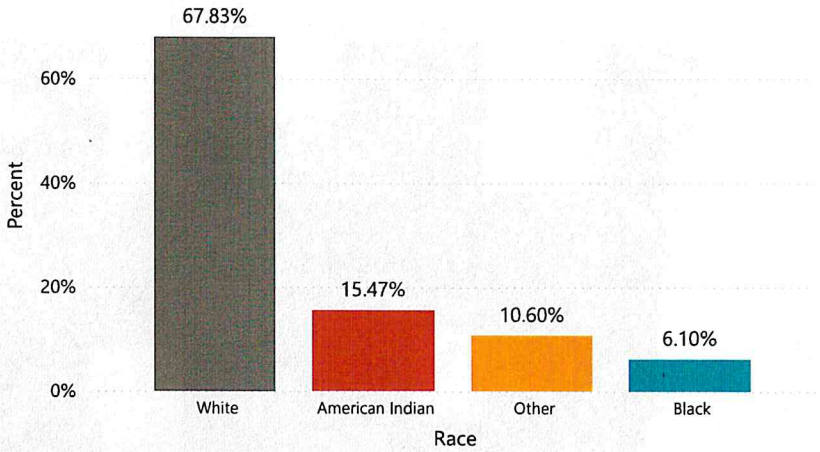
ESSENCE Suicide Ideation (i) 32 Average Age 2024 5726 Suicide Ideation

Ideation Map

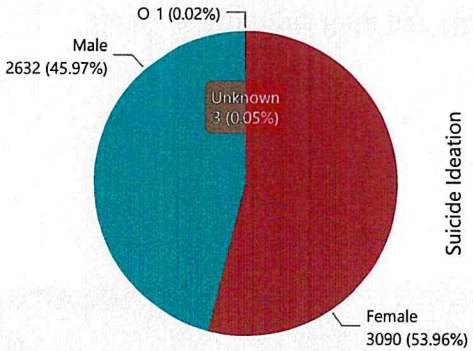
Suicide Ideation by Age Group



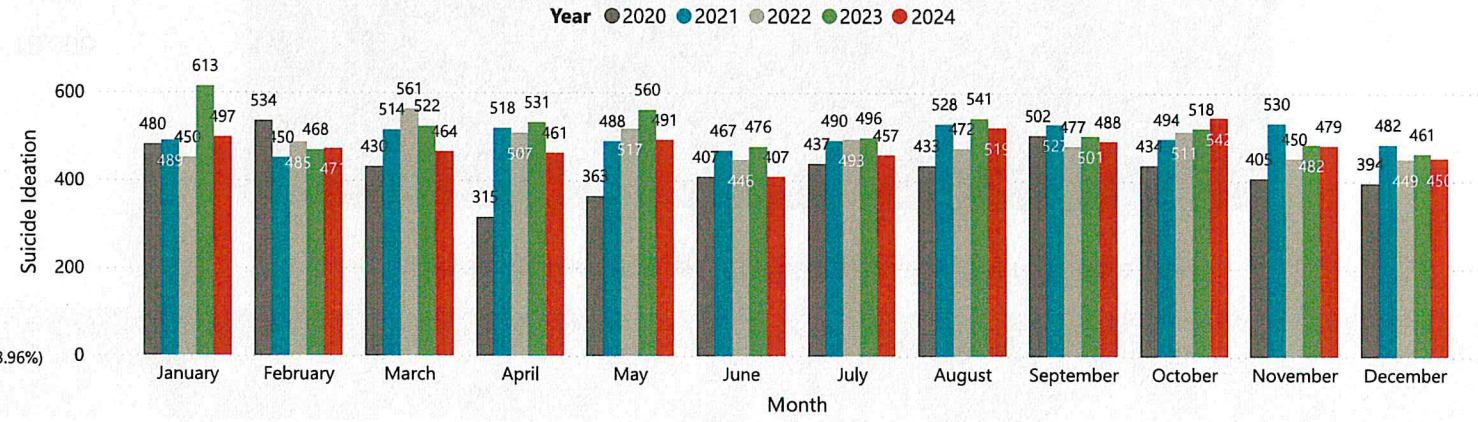
Suicide Ideation by Race



Suicide Ideation by Sex



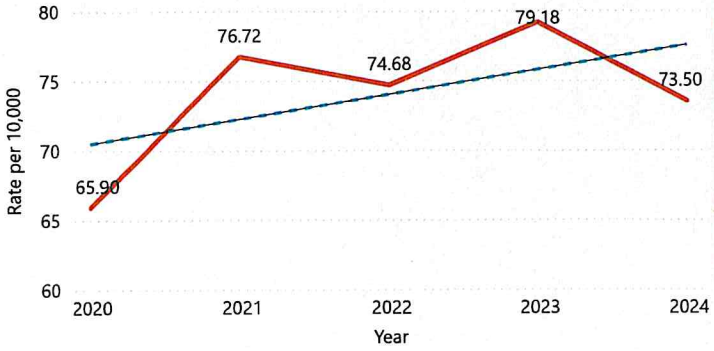
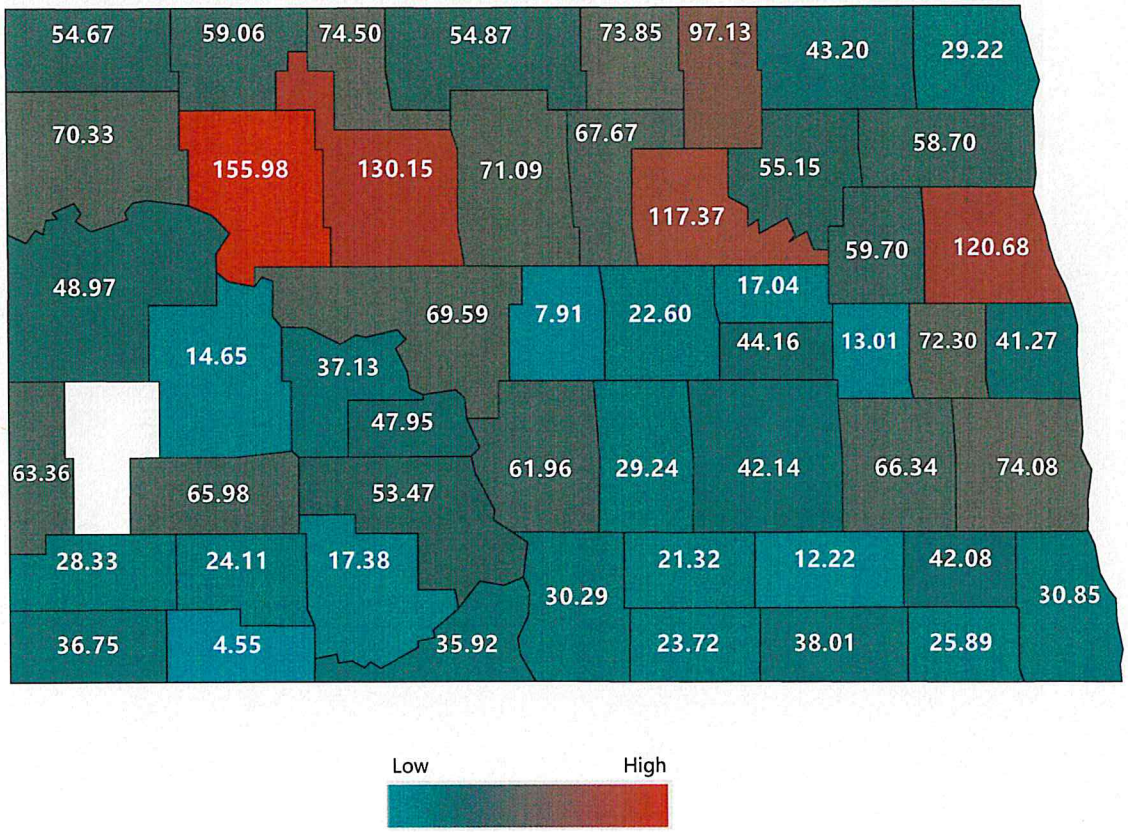
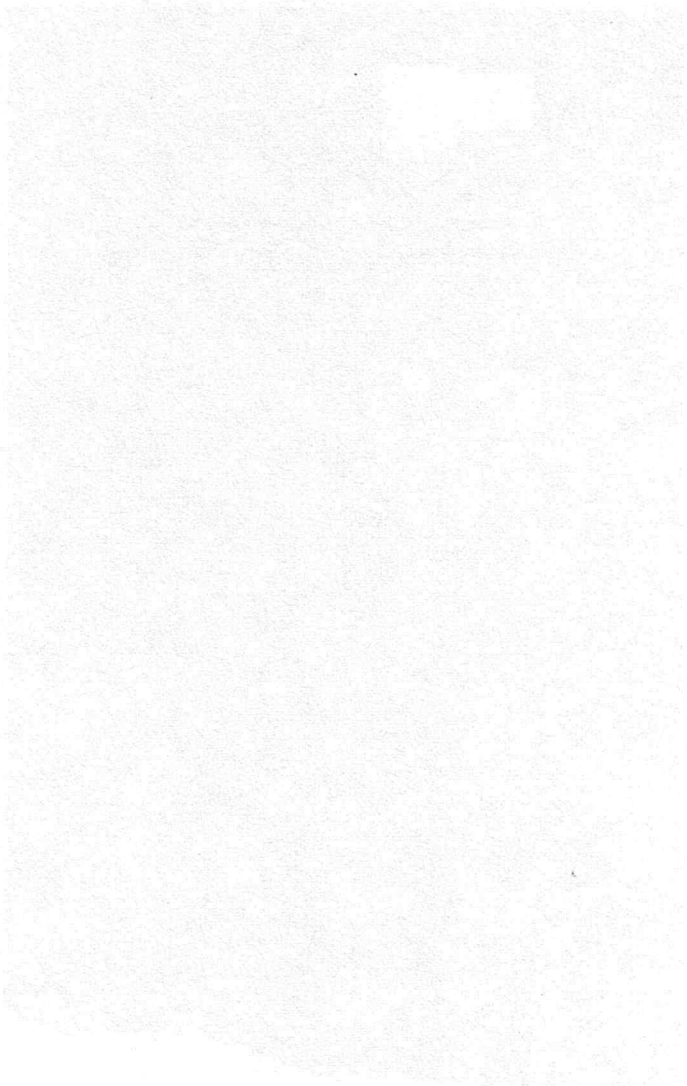
North Dakota Suicide Ideation



Overview | Demographics | Trends | Education | Injury Type | Location | Method | Toxicology | Circumstances | ESSENCE | Attempts | Attempts Map | Ideation

ESSENCE Suicide Ideation 779,094 Population 73.50 Rate per 10,000 2024 5726 Suicide Ideation

Suicide Ideation Rate per 10,000



Suicide Ideation Rate per 10,000 by County Where Patient Lives