

Tennessee Department of Health Injury Data Matrix (DRAFT)

INJURY TOPIC	Data Age Range					Data Variable or Description	Risk Factor (RF)				Source	How to Access Data
	Ages 0-9	Ages 10-14	Ages 15-17	Ages 18-21	Age 21+		ACEs	MVC	Suicide	TBI		
ACEs	•	•	•			Child & Family Demographics	RF: Poverty, Racism, Community Violence, Domestic Violence, Parental Divorce, Death, or Jail Sentence				Data Resource Center for Child & Adolescent Health	National Survey of Children's Health (NSCH)
ACEs	•	•	•			Social Vulnerability by Census Tract	RF: Social Vulnerability (Socioeconomic Status, Household Composition, Disability, Minority Status, Language)				CDC/ATSDR Social Vulnerability Index (SVI)	Agency for Toxic Substances
ACEs, MVC SUICIDE				•	•	Sex, Race, Age, Education, Household Income	RF: Poverty, Racism, Community Violence, Domestic Violence, Parental Divorce, Death, Jail Sentence	RF: DUI & Lack of Seatbelt Use	RF: Depression		Tennessee Behavioral Risk Factor Surveillance System (BRFSS) - Adult Data Only	Tennessee Behavioral Risk Factor Surveillance Survey
ACEs, MVC SUICIDE	•	•	•	•	•	Maternal Deaths by Sex, Race, Relatedness to Pregnancy, Region, Preventability	RF: ACEs are sometimes captured	RF: MVC Deaths (Lack of Seat Belt Use)	RF: Depression, Screening/Treatment IPV Means of Suicide		TN Department of Health Maternal Mortality Review	2023 TN Maternal Mortality Report
ACEs, MVC, SUICIDE & TBI	•	•				Child Deaths Age, Race, Sex, Location	RF: Poverty, Racism, Community Violence, Domestic Violence, Parental Divorce, Death, Jail Sentence	RF: Death by Region, Driver, Passenger, Pedestrian, Bicycle	RF: Method - Firearm, Hanging, Poisoning, Jumping From Height	RF: Deaths from MVC or Falls	TN Department of Health, Health Data (includes Hospital Discharge Data System among others)	TN Health Data Listing
MVC	•	•	•	•	•	Crash by Location		RF: Time of Day, Teen Driver, DUI, Speeding, Older Adult Driver, Pedestrian			Tennessee's Integrated Traffic Analysis Network (TITAN) Fatal Crash Locations	TITAN Fatal Crash Locations
MVC	•	•	•	•	•	Crash by Age, Action, Condition (County Level Data)		RF: DUI, Drug Use, Fatigue, Asleep, Sick, Depression/Angry or Disturbed, Reaction to Medication			Drivers Involved in Crashes by Age, Action and Condition	Department of Safety & Homeland Security
MVC	•	•				MVC Fatal Crashes by County, Fatal Crashes by Type, Time, Driver Factors, Age					TN Department of Safety & Homeland Security Crash Data	Department of Safety & Homeland Security Crash Data Links
MVC	•	•				Child Deaths Age, Race, Sex		RF: Death by Region, Driver, Passenger, Pedestrian, Bicycle			TN Department of Health Child Fatality Review System	TN Child Fatality Review Data Dashboard for Motor Vehicle Related Crashes
MVC, Suicide & TBI		•	•			Sex, Race/Ethnicity, Grade, Sexual Orientation		RF: Seatbelt Use, DUI, Texting & Driving	RF: Depression, Screening/Treatment, IPV, Bullying, Suicide Ideation & Attempts	RF: MVC-Related TBI: Texting, Seatbelt Use, and DUI	CDC's Youth Risk Behavior Surveillance System	Youth Risk Behavioral Surveillance System (YRBSS)
MVC, SUICIDE & TBI	•	•				Age, Race, Sex, Position of the Decedent in MVC		RF: Seatbelt Use, Position of Decedent in MVC	RF: Means of Lethality, Location & Circumstances of Suicide, Method & Location	RF: Deaths from MVC or Falls	TN Department of Health Child Fatality Review System	2023 TN Child Fatality Review Report
SUICIDE	•	•	•	•	•	Sex, Age, Race, Suicide Alerts by County	RF: Homelessness, Death of Parent, Other ACEs		RF: Suicide Ideation, Self-harm, Attempts & Deaths	RF: Increased Suicide Among People with TBI	TN Department of Health Suicide Prevention Program	TN ESSENCE ALERT SYSTEM
SUICIDE						Age, Sex, and Race, Method, Non-Fatal Self Harm, Fatalities, Location/Region/ED			RF: Gender, Race, Method - Firearm, Hanging, Poison Rural Residency		TN Department of Health Suicide Prevention Program	2023 TN Suicide Prevention Report
SUICIDE	•	•				Age, Sex, Race, Fatalities	RF: Homelessness, Family Conflict, Substance Abuse, Interpersonal Violence		RF: Suicide & Circumstances Linked With Suicide		CDC Violent Death Reporting System (VDRS)	CDC National Violent Death
SUICIDE & TBI	•	•				Age, County, Race/Ethnicity, Rates, Counts, Rates			RF: Access to Lethal Means	RF: Counts and Rate of TBI	TH Department of Health Death Records	Tennessee Department of Health Data Request Form
TBI	•	•	•	•	•	TBI by Age, Race, Sex, Diagnosis, Severity Level, Region		RF: Hospitalizations		RF: Deaths, Non-Fatal ED Visits, Non-Fatal Hospitalizations	TN Traumatic Brain Injury Program	2023 Traumatic Brain Injury Report