

POTENTIAL DATA SOURCES

While this section focuses on national data sources, there are many state- and local-level sources, though availability and accessibility vary. Partnerships with state- and local-level departments of health and transportation can be helpful for accessing state- and local-level data.

National Sources

CDC WISQARS – an interactive, online collection of analysis tools for fatal, nonfatal, and cost of injury data.

- Fatal data are available at national and state levels
- Nonfatal data are only available at national level and are estimates
- Includes a dashboard for the **National Violent Death Reporting System (NVDRS)** which collects information about violent deaths including homicides, suicides, and deaths caused by law enforcement acting in the line of duty
- Includes a dashboard for the State Unintentional Drug Overdose Reporting System (**SUDORS**) on unintentional and undetermined intent drug overdose deaths
- The dashboards allow for visualizations such as charts and maps
- Data can be downloaded
- Help pages are available to explain how to use the various analysis tools

CDC WONDER – a set of online databases that utilize a rich adhoc query system for the analysis of public health data. Reports and other query systems are also available.

- Fatal injury data are included within the Multiple Cause of Death database
- Fatal injury data are available at national, state, and county levels
- Data can be downloaded

The National Fatality Review-Case Reporting System – a web-based standardized case reporting tool available to states, first created in 2005. The system allows local and state Child Death Review (CDR) and Fetal and Infant Mortality Review (FIMR) users to enter case data, summarize findings, review team recommendations, access and download data, and create standardized reports.

The Child Dynamic Analysis and Statistics Hub (Child DASH) – a data visualization website that summarizes information from child death review (CDR) cases that are entered into the Pediatric National Fatality Review-Case Reporting System (NFR-CRS) from participating states. Only state CDR programs and select National Center partners have access to Child DASH. The NFR-CRS is managed by the National Center for Fatality Review and Prevention (National Center) and collects standardized data focused on cause-specific deaths and individual and environmental risk and protective factors. Learn more about the NFR-CRS at <https://ncfrp.org/data/nfr-crs/>.

National Trauma Data Bank® (NTDB®) – a database that is an aggregation of U.S. trauma registry data, which since 2017 has been part of the Trauma Quality Programs (TQP). They put out a national-level pediatric summary report annually. Additionally, Trauma Quality Programs research data may be used for informational and research purposes with approval from the ACS Committee on Trauma (COT) by submitting an **online form**. The TQP PUF costs \$1000 per

admission year of data requested. However as the TQP PUF is a program deliverable for trauma centers that participate in the Trauma Quality Improvement Program (TQIP), representatives from participating trauma centers are not required to pay this fee.

Specific Injury Sources

Traffic Crashes

[National Highway Traffic Safety Administration \(NHTSA\) Fatality and Injury Reporting System Tool \(FIRST\)](#) – an online query tool that allows users to construct customized queries from the Fatality Analysis Reporting System (FARS) and from the Crash Report Sampling System (CRSS). The system allows exploration of motor vehicle crashes (MVC) and resulting fatal and nonfatal injuries to drivers, occupants, pedestrians, and cyclists at the national, state, county, and city level, but it is not as user-friendly as some systems.

Poisoning

[America's Poison Centers \(APC\) National Poison Data System \(NPDS\)](#) – the data warehouse for the nation's 55 Poison Centers, which prioritize exposure management, accurate data collection and coding, and respond to the continuing need for poison-related public and professional education. It collects data on exposure to pharmaceutical and nonpharmaceutical exposures for all all ages. In addition to an annual report that summarizes exposure data based on calls to poison centers nationally, the APC also supports an **[online dashboard](#)** that allows exploration of exposures at the national and state levels. The APC does accept data requests; however, depending on the request, there may be cost implications.

Product-Related Injuries

[Consumer Product Safety Commission \(CPSC\) National Electronic Injury Surveillance System \(NEISS\)](#) – a database and **[online query tool](#)** that provides national-level data on consumer product-related injuries occurring in the U.S. based on a nationally representative probability sample of hospitals in the U.S. and its territories.

Fire-Related Incidents

[U.S. Fire Administration \(USFA\) National Emergency Response Information System \(NERIS\)](#) – USFA makes available an online dashboard that provides a snapshot of fire losses by state using data from NFIRS. Additionally, FEMA provides an online dashboard of the National Fire Incident Reporting System State, Territory and Local Fire Department Reporting Summary. Annual NFIRS Public Data Release (PDR) files are available at **[Annual NFIRS Public Data](#)**; however, the page notes the datasets are for researchers and fire data analysts.

Drowning Incidents

[CPSC Pool or Spa Submersion: Estimated Nonfatal Drowning Injuries and Reported Drownings](#) – the CPSC Directorate for Epidemiology releases an annual national-level report on fatal and nonfatal drownings associated with pool or spa submersions. The most recent report can be found **[here](#)**.

The Drowning Report is an **[online dashboard](#)** supported by Total Aquatic Programming, LLC. and National Drowning Prevention Alliance (NDPA) that provides real-time data on drowning at the national and state levels. However, because it is based on media reporting, there is a risk that biased coverage could affect its content.

Firearm-Related Incidents

Institute for Firearm Injury Prevention – a large database of publicly available data on firearm variables in the U.S. maintained by the Institute for Firearm Injury Prevention. This database was originally established by the National Institutes of Health-funded Firearm Safety Among Children and Teens Consortium, which was led by the University of Michigan. Data on 200,000 variables from over over 100 studies are available in the [online database](#).

The Center for Gun Violence Solutions – The Center for Gun Violence Solutions at the Johns Hopkins Bloomberg School of Public Health addresses gun violence as a public health emergency and utilizes objective, nonpartisan research to develop solutions which inform, fuel, and propel advocacy to measurably lower gun violence. State-by-state gun violence data are available on their [website](#).

Everytown for Gun Safety – provides data through the [EveryStat tool](#) and [Gun Law Navigator](#).
