

Indiana Violent Death Reporting System (INVDRS)

The Indiana State Department of Health submitted a successful application for the CDC Grant funding opportunity to establish the Indiana Violent Death Reporting System (INVDRS).

INVDRS purpose: To collect, maintain, and disseminate complete and comprehensive surveillance data on violent deaths that occurred in Indiana beginning January 1, 2015.

Violent death: A death resulting from the intentional use of physical force or power against oneself, another person, or against a group or community. These deaths include:

- *Homicides, suicides, and deaths occurring when law enforcement exerts deadly force in the line of duty (legal intervention).*
- The INVDRS will collect information about *unintentional firearm injury deaths* and on deaths where the intent cannot be determined (*undetermined deaths*).

Critical output: To establish INVDRS as a surveillance system to collect high quality and comprehensive information on violent death. The INVDRS will monitor and assess the magnitude, trends, and characteristics of violent deaths through collecting comprehensive data from various existing data sources.

Data collected from:

- Death certificates
- Coroner reports that include toxicology reports
- Law enforcement records
- Child Fatality Review (optional module)

The system will collect information on who dies violently, where victims are killed, when they are killed, and what factors were perceived to contribute or precipitate the death to better understand the circumstances surrounding violent death in Indiana to inform prevention efforts. The CDC award provides funding to utilize the software and to implement an abstraction process (people, technical support, etc.) to collect and analyze the data.

INVDRS goal: To translate research findings into prevention strategies by disseminating useful, actionable data to guide, support, and improve local, state, and national violence prevention policies, programs, and practices.

Project priorities:

1. Create and implement the INVDRS.
2. Collect and abstract comprehensive data on violent deaths occurring in Indiana using the CDC guidelines and web-based data entry system from various sources.
3. Disseminate INVDRS data to stakeholders, the public, and CDC's multi-state database
4. Explore innovative methods of collecting, reporting, and sharing data for improved timeliness and greater utilization of data for prevention efforts.

Pilot in year 1:

We will be implementing a pilot during the first year which will:

1. Collect violent deaths that occurred in 6 Indiana counties: Marion, Allen, Lake, Vanderburgh, St. Joseph, and Madison
2. Collect all violent deaths among children (<18 years of age)
3. Collect violent death information from Child Death Review & Vital Records
4. Link related violent deaths that occurred within 24 hours
 - a. Multiple homicides, suicide pacts, suicide/homicides

INVDRS Advisory Board:

The success of the INVDRS will rely upon the collaboration and communication among its partners. The INVDRS Advisory Board will be made up of key partners in data collection and violence prevention to provide technical assistance to develop and implement the reporting system. The Board will also assist in the data dissemination process to ensure uptake of violent death findings for prevention.

Project outcomes:

- 1) Establishing a strong working relationship with crucial partners, such as Indiana State Police, Indiana State Coroner Training Board, Vital Records, and Child Fatality Review; and
- 2) Disseminate violence prevention information from INVDRS to violence prevention partners and the public.

CDC Violent Death Case Definitions:

- Suicide: ICD-10 X60- X84, X87.0
- Homicide: ICD-10 X85-Y09, Y87.1
- Death of undetermined intent: ICD-10 Y10-Y34, Y87.2
- Death from legal intervention: ICD-10 Y35.0-Y35.4, Y35.6-Y35.7, Y89.0
- A death related to terrorism: ICD-10 U01-U03
- "Accidental" (unintentional) death from firearm: ICD-10 W32-W34, and those cases coded to Y86 where firearm is the source of injury
- Death later determined to be due to violence or unintentional firearm injury: ICD-10 Y89.9

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