**Appendix 1. Cause of Fatal Injury ICD-9 and ICD-10 Codes and Additional Considerations for Identifying Studies for the Meta-analysis**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cause** | **ICD-9** | **ICD-10** | **Additional Considerations** |
| **Air-space transport** | E840-E845 | V95-V97 | Includes fatal injuries due to aircraft accidents. |
| **Aspiration** | E911 | W78-W79 | Includes choking. |
| **Child maltreatment** | E960-E968 | X85-X99, Y00-Y09, Y87.1 | Based on alcohol consumption by the offender. Includes homicides of children, and only if data were not limited to sleep-related child fatalities to ensure that data reflect alcohol involvement in the broader child maltreatment cause of death. |
| **Drowning** | E910 | W65-W70, W73, W74, Y21 | Includes fatalities due to water submersion, except watercraft accidents or with hypothermia as the primary diagnosis. |
| **Fall injuries** | E880-E888, E848 | W00-W19, Y30 | [Includes fatal injuries due to slipping, tripping, stumbling and falls](https://icdlist.com/icd-10/index/slipping-tripping-stumbling-and-falls-w00-w19). |
| **Fire injuries** | E890-E899 | X00-X06, X08, X09, Y26 | Includes fatal injuries resulting from exposure to smoke, fire, and flames, not other burns. |
| **Firearm injuries** | E922 | W32-W34, Y22-Y24 | Includes Russian Roulette fatalities resulting from a high-risk gamble of pointing a revolver containing one bullet at the head and pulling the trigger without clear intent to inflict fatal injuries. |
| **Homicide** | E960-E969 | X85-X99, Y00-Y09, Y87.1 | Based on alcohol consumption by the offender. Homicide-suicide cases were counted as homicides only. Excludes police-assisted suicide, justifiable homicide, and homicide by police, because deaths by law enforcement are coded as deaths through legal intervention, which was not within the scope of this study. |
| **Hypothermia** | E901 | X31 | Includes fatal injuries due to exposure to excessive natural cold. |
| **Motor vehiclenontraffic crashes** | E820-E825 | V02.0, V03.0, V04.0, V09.0, V12-V14(.0-.2), V19.0-V19.2, V20-V28(.0-.2), V29.0-V29.3, V30-V39(.0-.3), V40-V49(.0-.3), V50-V59(.0-.3), V60-V69(.0-.3), V70-V79(.0-.3), V81.0, V82.0, V83-V86(.4-.7, .9), V88.0-V88.8, V89.0 | Includes fatal injuries due to crashes occurring in places other than a public trafficway. Excludes motor vehicle traffic crashes, which are assessed as a separate cause of death. |
| **Occupational andmachine injuries** | E917-E920 | W24-W31, W45 | Includes a broader range of work settings than reflected in the ICD-10 codes (e.g., commercial fishing, farming, mining, public utilities). |
| **Other road vehicle crashes (railroad trespasser injuries)** | E800-E807, E826-E829 | V01, V05-V06, V09.1, V09.3, V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9 | Includes those involving pedestrians or occupants who collide with or fall from pedal cycles, other nonmotor vehicles, or railway trains. Railroad trespasser related injuries were the only scenarios with eligible reports in the literature. |
| **Poisoning (not alcohol)** | E850-E869, E924.1 | X40-X44, X46-X49, Y10-Y14, Y16-Y19 | Includes unintentional drug overdoses and non-drug poisonings (e.g., carbon monoxide) in which decedents had a BAC ≥ 0.10 g/dl. Poisonings 100% attributable to alcohol and studies that indicate “alcohol or drug” involvement, but not alcohol separately, are not included. |
| **Suicide** | E950-E959 | X60-X64, X66-X84, Y87.0 | Homicide-suicide cases were counted as homicides only. Excludes police-assisted suicide, justifiable homicide, and homicide by police, because fatalities by law enforcement are coded as fatalities through legal intervention, which was not within the scope of this study. |
| **Water transport** | E830-E838 | V90-V94 | Includes fatal injuries due to watercraft accidents. |

ICD: InternationalClassification of Diseases