



DROWNING EMERGENCY DEPARTMENT VISIT INDICATOR

Nonfatal Drowning-related Injury Emergency Department Visits

Numerator:

- Nonfatal ED visits from the injury ED visit subset with any of the following ICD-10-CM diagnosis or external cause of injury codes in any field.

Codes* for Nonfatal Drowning-related Injuries

T75.1	Drowning and nonfatal submersion
V90	Drowning and submersion due to accident to watercraft
V92	Drowning and submersion due to accident on board watercraft, without accident to watercraft
W16 with 6th character=1 (Except 16.4 and 16.9 with 5th character=1)	Fall, jump, or diving into water causing drowning and submersion
W22.041	Striking against wall of swimming pool causing drowning and submersion
W65-W74	Accidental non-transport drowning and submersion
X71	Intentional self-harm by drowning and submersion
X92	Assault by drowning and submersion
Y21	Drowning and submersion, undetermined intent

*7th character of A or missing (reflects initial encounter, active treatment)

Denominator:

- Midyear population for the calendar year under surveillance obtained from the U.S. Census Bureau or suitable alternative.

Measures of frequency:

- Annual number of ED visits, by age group and sex.
- Annual age-adjusted rates, overall and by sex, standardized by the direct method to the year 2000 standard U.S. population.^{2,11}

Period for case definition:

- Calendar year based on date of ED discharge.

Indicator notes:

- The Injury Surveillance Indicator for use with ED data includes cases with either an injury diagnosis code or an external cause of injury code in any field. This broad definition results in the capture of all cases of injury or potential injury seen in the ED.
- This indicator does not include cases that were admitted to the hospital.
- Includes drownings and submersions related to watercraft accidents.

Limitations of data source:

- Injuries that result in ED visits only represent a portion of the overall burden of injury. These injuries should be considered in the context of both less- and more-severe injuries.
- The accuracy of indicators based on codes found in ED data are limited by the completeness and quality of coding.