

Special Emphasis Report:

# Traumatic Brain Injury



UNDERSTANDING TBI

Traumatic brain injury (TBI) is a serious public health problem in the United States. A TBI is caused by a bump, blow, jolt, or penetration to the head that disrupts the normal function of the brain. Each year, traumatic brain injuries contribute to a substantial number of deaths and cases of permanent disability.

## Impact and Magnitude of TBI

**FIGURE 1:** Percentage of Annual TBI-Related Deaths, Hospitalizations, and Emergency Department Visits by Cause in

## Causes of TBI

**FIGURE 2:** Causes of TBI-Related Deaths by Rate per 100,000 in

| Cause | Count | Rate per 100K People |
|-------|-------|----------------------|
| 1.    |       |                      |
| 2.    |       |                      |
| 3.    |       |                      |
| 4.    |       |                      |
| 5.    |       |                      |
| 6.    |       |                      |

## TBI by Age and Sex

**FIGURE 3:** TBI-Related Deaths by Age and Sex in



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## TBI Prevention Strategies

CDC’s National Center for Injury Prevention and Control (Injury Center) is committed to protecting people against preventable TBI by putting science into action.

**To Help Older Adults:** *Make CDC’s STEADI Part of Every Medical Practice.*

STEADI (Stopping Elderly Accidents, Deaths, and Injuries) is a toolkit to help health care providers incorporate fall risk assessment and individualized fall interventions (e.g., exercise, medication management, and Vitamin D supplementation) into their practice. Learn more at [www.cdc.gov/STEADI](http://www.cdc.gov/STEADI).

**To Help Young Athletes:** *Get a HEADS UP on Creating a Culture of Concussion Safety in Sports.*

HEADS U P educational materials are designed to support individuals (such as coaches and health care providers) and organizations (such as schools and sports programs) with their concussion safety efforts. Learn more at [www.cdc.gov/HEADSUP](http://www.cdc.gov/HEADSUP).

**To Help Parents and Teen Drivers:** *“Parents Are the Key” to Teen Driver Safety.*

Parents Are the Key materials helps parents, pediatricians, and communities keep teen drivers safe on the road. Parents Are the Key includes evidence-based strategies and can be customized with an organization’s logo. Learn more at [www.cdc.gov/ParentsAretheKey](http://www.cdc.gov/ParentsAretheKey).

## TBI by

|    | Count | Rate |
|----|-------|------|
| 1. |       |      |
| 2. |       |      |
| 3. |       |      |
| 4. |       |      |
| 5. |       |      |



|                               |  |
|-------------------------------|--|
| PREVENTION                    |  |
| SURVEILLANCE                  |  |
| PARTNERSHIPS                  |  |
| ACCOMPLISHMENTS/<br>SUCSESSES |  |

Note: TBI-related cases were identified by first limiting the datasets to injury cases based on external cause of injury (deaths), primary diagnosis (hospitalizations), or both (emergency department visits). All fields were then searched for TBI diagnostic codes. For confidentiality and data stability purposes, small counts are suppressed. Suppression rules vary by state and territory, and across datasets. Reference to any commercial entity or product or service on this page should not be construed as an endorsement by the Government of the company or its products or services.