

FY 2010 ENACTED	PRESIDENT'S FY 2011 REQUEST	PRESIDENT'S FY 2012 REQUEST
\$6.1 M	\$6.0 M	\$6.0 M

THE CDC INJURY CENTER PREVENTS TRAUMATIC BRAIN INJURY

Traumatic brain injury (TBI) is caused by a blow, jolt, or bump to the head. TBIs can occur while playing sports or as a result of a fall or motor vehicle crash.

- Every minute, a child visits an emergency department, is hospitalized, or dies from a TBI.
- Of the 1.7 million persons who sustain a TBI each year in the U.S., 52,000 die; 275,000 are hospitalized.
- TBIs are often referred to as the “silent epidemic” because complications from TBI, such as changes affecting thinking, sensation, language, or emotions, may not be readily apparent.
- An estimated 3.2 million Americans live with TBI-related disabilities, and in 2005, costs associated with TBI were \$69 billion.

TBI is preventable. The CDC Injury Center serves as the national leader in TBI surveillance and educational efforts for preventing, recognizing, and responding to TBIs. Strategies supported by CDC include:

- Supporting all state health departments with Core Violence and Injury Prevention Program funding to conduct surveillance to develop state level estimates of TBI, as well as disseminate information on the burden, impact, and outcomes associated with TBIs.
- Developing evidence-based educational and training materials for parents, students, coaches, older adults, and others to increase awareness and knowledge of preventing, recognizing, and responding to TBIs.
- Developing and disseminating evidence-based clinical practice guidelines to the medical community related to TBI prevention, recognition, and response.
- Assessing and providing guidance on federal and state policies to ensure that the science of preventing, recognizing, and responding to TBIs is represented in policies.

Efforts by the CDC Injury Center to support TBI prevention have been widely successful. Recent successes include:

- Supporting efforts in nine states that led to passage of comprehensive legislation requiring yearly concussion training for coaches (in some states CDC’s resources are specifically mentioned) and requiring medical clearance for all athletes who are suspected of having a concussion.
- Partnering with the National Football League, national medical and school associations, and youth athlete organizations to develop and disseminate more than 500,000 educational materials to schools, coaches and athletes.
- Creating sports-specific resources with over eight different governing bodies for sports, such as USA Soccer, US Lacrosse, and USA Hockey.
- Supporting NCAA adoption of CDC concussion management guidelines.

Over the next five years, the CDC Injury Center could strengthen its efforts to prevent TBIs by:

- Evaluating concussion policies to ensure they are impacting prevention, recognition and response.
- Increasing the number of states that pass effective policies for addressing concussion in youth sports.
- Increasing the percentage of schools that implement appropriate programs for preventing, recognizing, and responding to TBIs among students.
- Improving the reliability and accuracy of methods for identifying mild TBI and increasing the number of healthcare providers who use CDC guidelines for mild TBI.

By preventing traumatic brain injuries, we can help all people live to their full potential.

