



Project BRAIN at a Glance

WHAT IS PROJECT BRAIN?

BRAIN is a Resource & Information Network for educators, families and healthcare professionals who support students who have sustained a Traumatic Brain Injury (TBI).

Thanks to a partnership between the TN TBI Program and the TN Disability Coalition (TDC), Project BRAIN (PB) receives federal grant funding from the Administration of Community Living (ACL), along with state funding from the TN Departments of Health & Education.

WHAT IS TBI?

The Individuals with Disabilities Education Act defines a traumatic brain injury (TBI) as an **acquired brain injury caused** by an external physical force, resulting in total or partial or functional disability or psychosocial impairment, or both, **that adversely affects a child's educational performance.**

PROJECT BRAIN ADDRESSES HOW BEST TO SUPPORT STUDENTS WITH TBI THROUGH:

Partnering with TN hospitals to promote effective communication between healthcare professionals, families and educators

Reaching out to families & students to share helpful tools and resources

Providing training and ongoing support to schools/ daycares, families and healthcare providers in the early identification of children with TBI

Connecting all school faculty and staff to evidence based resources and classroom materials

Raising awareness about TBI.



TBI is a primary cause of disability and death for children in the U.S. (CDC)

Each year, approximately 40% of TBIs in the U.S. happen to children. (CBIRT)

PB TRAININGS

TRAININGS PROVIDED AT NO CHARGE

Brain Injury 101: Supporting Students with TBI in the Classroom

- Created for everyone interested in TBI: educators, families and the community
- Sessions designed for early childhood through transition after high school
- Detailed description found on the back page

Partners In Communication: Supporting Student Transitions, Hospital to Home to School

- Designed for healthcare professionals to learn how a student's school and home life may change following an injury
- Attendees are prepared for teachable moments that can last a lifetime

Concussion Within Our Community

- Specifically geared for coaches, athletic trainers, athletes, parents and others to learn more about concussion/ TBI
- TN's Sports Concussion Law

WHY IS THIS PROGRAM SO IMPORTANT? BECAUSE...

School is where children spend most of their time and their schools often provide a majority of their services. Project BRAIN supports children & youth from hospital to home to school.

Building on a successful collaboration with TN Department of Education since 2000, Resource Specialists / Trainers (RST) provide brain injury education throughout our community.

Since 2010, Brain Injury Transition Liaisons (BITL) have been communicating between the hospital, home and school. BITLs provide education and supports for families and healthcare professionals. As part of this Return to Learn (RTL) process:

- BITLs make individual phone calls to equip families with helpful tools.
- With the family's permission, BITLs contact the student's school.
- BITL communications open the door for the RST to offer additional supports and/ or trainings directly to the school.
- In hospital trainings, BITLs share the child's experiences beyond the hospital doors and how "teachable moments" with the family could benefit their patients for a lifetime.

TDC has partnered with Comprehensive Regional Pediatric Centers in Tennessee: Monroe Carell Jr. Children's Hospital at Vanderbilt in Nashville, Methodist Le Bonheur Children's Hospital in Memphis and Children's Hospital at Erlanger in Chattanooga.

Since this RTL process began, we have served over 6700 children!

LEARN MORE

Center on Brain Injury Research & Training:

Best practice recommendations for working with students and adults with brain injury cbirt.org

Brain Injury in Youth - Supports for School

Success, Community of Practice: Interactive online resource community designed by those currently working in the field of education & brain injuries cbirt.org/nccbi/

Brainline.org: [Pediatric Brain Injury Accommodations Guide for Students with Brain Injury](http://brainline.org/Pediatric-Brain-Injury-Accommodations-Guide-for-Students-with-Brain-Injury)

Brain Injury Alliance of New Jersey:

Workshops & Webinars bianj.org/workshops-webinars/

Pennsylvania DOE Training & Technical

Assistance Network: Concussion/ TBI <http://www.pattan.net/Search?st=global&search=tbi>

Concussion & TBI: Information for Families

Compilation of four brief video clips [tndisability.org/ article/concussion-and-traumatic-brain-injury-information-families](http://tndisability.org/article/concussion-and-traumatic-brain-injury-information-families)

BRAIN's Electronic Newsletter: Currents

tndisability.org/gallery/currents-newsletter

BRAIN INJURY 101:

SUPPORTING STUDENTS WITH TBI IN THE CLASSROOM

Despite the high incidence among children and youth, Traumatic Brain Injury (TBI) is sometimes thought to be a "low incidence disability" within educational settings. For that reason, Project BRAIN's training provides tools for everyone.



The primary objective of "Brain Injury 101" is to help people who support students with TBI understand the nature of brain injury and the unique needs of this group of children and young adults.

Designed by experts in pediatric brain injury, "Brain Injury 101" includes:

- Definition of Traumatic Brain Injury/Concussion
- Considerations for planning of educational services, including information about local and national resources

During this interactive 90-minute session, participants will:

- Engage in problem solving activities
- Relate to examples of students experiences
- Visit user-friendly TBI/Concussion websites
- Prepare for teaching students with TBI/Concussion
- Connect to a network of ongoing supports for students and themselves

INCIDENCE OF BRAIN INJURY: NATIONAL DATA

An estimated **2.5 million** TBI medical events occur annually in the US (CDC)

700,000 children ages 0-19 are seen for TBIs in hospital emergency rooms and released

60,000 children and adolescents are hospitalized annually with moderate to severe brain injuries

Approximately 145,000 children ages 0-19 are currently living with long-lasting, significant alterations in social, behavioral, physical, and cognitive functioning following TBI https://www.cdc.gov/traumaticbraininjury/pdf/tbi_report_to_congress_epi_and_rehab-a.pdf

INCIDENCE OF BRAIN INJURY: TENNESSEE DATA

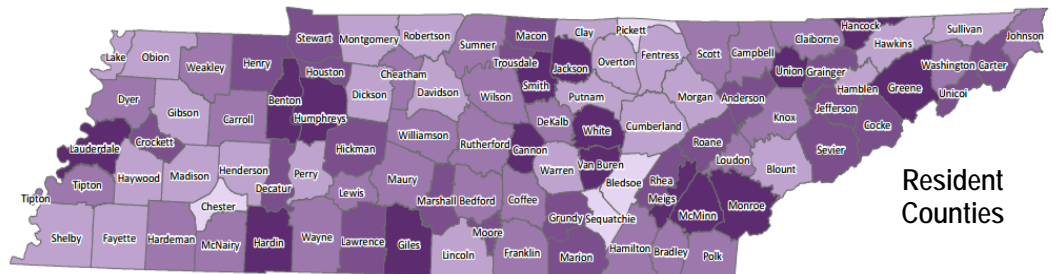
Tennessee legislation mandates that hospitals report the number of individuals admitted for treatment of a brain injury to a TBI Registry. **8,000 Tennesseans are reported on average to the TBI Registry each year.**

2011-2015 Tennessee Department of Health estimates

100,090 children ages 0-22 are seen for TBIs in hospital emergency rooms and released

4,380 children ages 0-22 are hospitalized for TBIs

1,000 children are estimated to be from out of state



*Darker shading represents higher rate of children ages 0-22 hospitalized for TBI in 2015.

CONCUSSION RESOURCES

Centers for Disease Control and Prevention: A Comprehensive HEADS UP Concussion site for Parents, Coaches, Medical Professionals, Schools and Students, that includes free and robust online training courses: cdc.gov/headsup/index.html

Returning to School After a Concussion: A Fact Sheet for School Professionals cdc.gov/headsup/pdfs/schools/tbi_returning_to_school-a.pdf

School-wide Concussion Management: Interactive site with downloadable resources for coaches, teachers, parents, and students: brain101.orcasinc.com

Get Schooled On Concussion: Written BY educators FOR educators focusing on one page fact sheets for teachers, administrators, school nurses, school mental health, counselors and parents: getschooledonconcussions.com

Tennessee Sports Concussion Law: TN Department of Health Concussion site with online training links, forms for coaches and parents/student athletes and link to the exact wording of the law: tn.gov/health/article/tbi-concussion

TENNESSEE TBI PROGRAM, TBI REGISTRY AND SERVICES

CALL TOLL FREE: 800.882.0611 tn.gov/health/topic/tbi

SCHEDULE A TRAINING FOR YOUR SCHOOL OR GROUP

CALL PROJECT BRAIN TOLL FREE: 888.643.7811

NEED ADDITIONAL INFORMATION? EMAIL US: tbi@tndisability.org

TO SCHEDULE A TIME TO CONNECT VIA PHONE, A SKYPE CALL OR SKYPE VIDEO



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