

Maryland TBI Fact Sheet

**WHAT IS A
TRAUMATIC
BRAIN
INJURY?**

Traumatic Brain Injury is an insult to the brain caused by an external physical force that results in an altered state of consciousness.

- *Effects can be temporary or permanent.*
- *Continuum of Severity- mild, moderate, or severe*
- *There is a cumulative effect of multiple mild brain injuries, with each subsequent injury magnifying the cognitive, physical and behavioral consequences of earlier injury*

**HOW
MANY
ARE
AFFECTED**

In 2014:

- 649 Marylanders died (leading causes are falls & firearms) as a result of a TBI
- 4279 Marylanders were hospitalized as a result of a TBI
- 39,177 emergency department visits in Maryland were attributed to TBI-related injuries
- Researchers at the Hilltop Institute report that the number of MD Medicaid beneficiaries with TBI increased between 2001-2011 by 37%. On average, 7,000 Medicaid beneficiaries had a history of brain injury; approximately 61% of these individuals are under the age of 50.

**WHAT ARE
THE
CAUSES OF
TRAUMATIC
BRAIN
INJURY?**

The Leading Causes of NON-FATAL TBI in the United States are:

- ✓ Falls (35%) with Children and Older Adults most affected
- ✓ Motor Vehicle Accidents (17%) with Adolescents and Younger Adults most affected
- ✓ Strikes or Blows to the head from or against an object (17%) includes sports and assaults

The Leading Causes of TBI-RELATED DEATH in the United States are:

- ✓ Motor Vehicle Accidents
- ✓ Suicide
- ✓ Falls

**WHAT ARE THE
POSSIBLE
CONSEQUENCES
OF LIVING WITH
TRAUMATIC
BRAIN INJURY?**

Thinking or Cognitive Consequences may include;

- ✓ Memory problems
- ✓ Attention and concentration difficulties
- ✓ Comprehension and Communication problems
- ✓ Problem solving is more difficult

Physical and Health Consequences may include;

- ✓ Walking and coordination difficulties
- ✓ Headaches
- ✓ Sleep disorders
- ✓ Seizure disorders
- ✓ Vision and Hearing related disabilities

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Behavioral Health Consequences may include;

- ✓ Depression
- ✓ Anxiety
- ✓ Addiction to drugs and alcohol
- ✓ Individuals with a history of traumatic brain injury are overrepresented among the homeless, the incarcerated and victims and perpetrators of intimate partner violence

TBI and Maryland's Children and Youth

- ✓ In 2014 there were 620 TBI related hospitalizations for children under one through the age of 24
- ✓ In 2015 there were 17,932 TBI related Emergency Room Visits
- ✓ In Maryland, there are currently 233 children currently receiving TBI-Related special education services under the Individuals with Disabilities Act (IDEA)

Individuals Living with a Moderate (unconscious up to 24 hours) or Severe (unconscious for 24 hours or more) are more likely experience:

- Disability that impacts independence at home, work and in the community
- Unemployment or underemployment
- Institutionalization in a nursing home or other facility

The gaps in services for individuals living with a history of TBI and their families include:

- Limited access to coordination and case management services to facilitate needed supports and services
- Misdiagnosis or under-identification of brain injury among educators and human service professionals, and
- Inadequate clinical services to support individuals who experience neurobehavioral challenges as a result of their traumatic brain injury

**WHAT IS
OUR
STATE
MISSING?**

For More Information:

-) Visit the Brain Injury Association of Maryland at www.biamd.org or
-) Follow us on Facebook at www.facebook.com/biamd/
-) Or Twitter at @BIAMD1
-) You can also download our app by scanning

