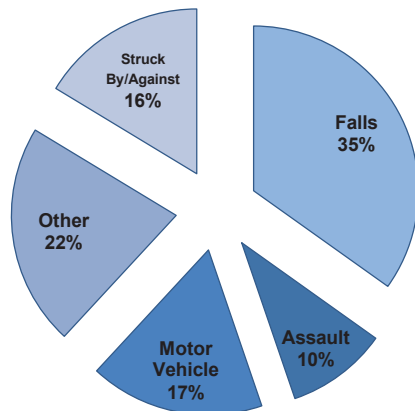


Brain Injury Statistics

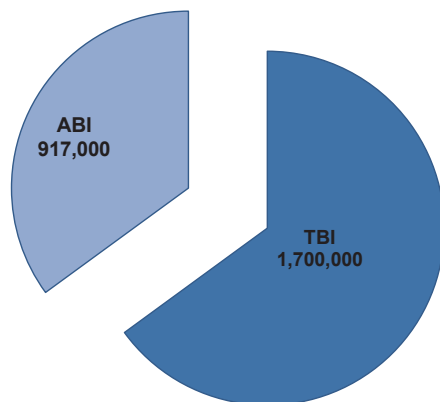
Traumatic Brain Injury (TBI)

TBI is defined as an alteration in brain function, or other evidence of brain pathology, caused by an external force.

Typical Causes of TBI



Annual Incidence of TBI and ABI



Acquired Brain Injury (ABI)

An acquired brain injury is an injury to the brain, which is not hereditary, congenital, degenerative, or induced by birth trauma. An acquired brain injury is an injury to the brain that has occurred after birth.

Type of Acquired Brain Injury	Estimated Annual Incidence
Stroke	795,000
Tumor	64,530
Aneurysm	27,000
Viral Encephalitis	20,000
Multiple Sclerosis	10,400
Anoxic/Hypoxic	No National Data Available

Facts about Brain Injury

- 5.3 million Americans live with a long-term disability as a result of TBI.
- Motor vehicle crashes and traffic-related incidences are the cause of 31.8% of TBI deaths.
- Males are more likely than females to sustain a TBI at any age.
- 75% of traumatic brain injuries are classified as “mild.”
- The annual cost of TBI to society exceeds \$76.5 billion.
- The estimated cost of stroke in the United States was \$53.9 billion in 2010.
- In 2005, nearly 1.1 million stroke survivors reported difficulty performing basic activities of daily life.

References

Central Brain Tumor Registry of the United States (CBTRUS). *CBTRUS statistical report: primary brain and central nervous system tumors diagnosed in the United States in 2004-2008*. Hinsdale (IL): Central Brain Tumor Registry of the United States; 2012, Feb.

Centers for Disease Control and Prevention (CDC). *Information on Arboviral Encephalitis*. Atlanta (GA): Centers for Disease Control and Prevention; 2005, Nov.

Centers for Disease Control and Prevention (CDC). *Prevalence and most common causes of disability among adults—United States, 2005*. *MMWR* 2009; 58(16):421–426.

Centers for Disease Control and Prevention (CDC), National Center for Injury Prevention and Control. *Report to Congress on mild traumatic brain injury in the United States: steps to prevent a serious public health problem*. Atlanta (GA): Centers for Disease Control and Prevention; 2003.

Center for Disease Control and Prevention (CDC). *National Center for Injury Prevention and Control. Report to Congress on traumatic brain injury in the United States*. Atlanta (GA): Centers for Disease Control and Prevention; 1999, Dec.

Coronado, McGuire, Faul, Sugerman, Pearson. *The epidemiology and prevention of TBI* (in press) 2012.

Faul M, Xu L, Wald MM, Coronado VG. *Traumatic brain injury in the United States: emergency department visits, hospitalizations, and deaths*. Atlanta (GA): Centers for Disease Control and Prevention, National Center for Injury Prevention and Control; 2010.

Finkelstein E, Corso P, Miller T and associates. *The incidence and economic burden of injuries in the United States*. New York (NY): Oxford University Press; 2006.

National Heart Blood and Lung Institute. *National Institutes of Health. What is an Aneurysm?* Bethesda (Md.): National Institutes of Health; 2011.

Roger VL, Go AS, Lloyd-Jones DM, et al. *Heart disease and stroke statistics—2011 update: a report from the American Heart Association*. *Circulation*. 2011 Feb. 1; 123(4):e18-e209. Epub 2010 Dec. 15.