Facts about the Brain

consumes between 20% and 30% of the total energy that we use each day. * The human brain outputs somewhere between 20 and 30 Watts of energy, which is enough to

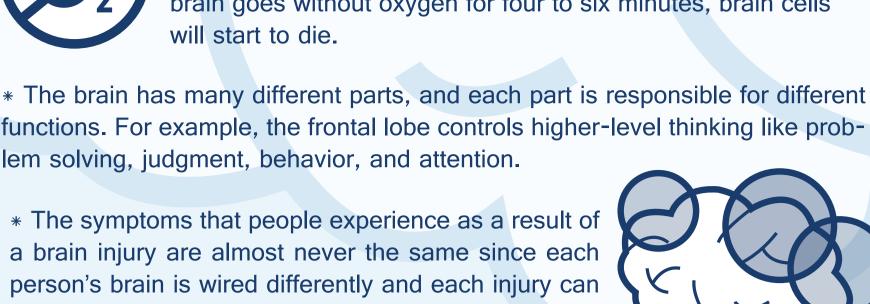
* The average adult brain weighs about 3 pounds, but it

power a 22-inch computer monitor.





- * Unconsciousness occurs when the brain is deprived of blood (and thus oxygen) for as little as 7 seconds, and if the brain goes without oxygen for four to six minutes, brain cells will start to die.
- functions. For example, the frontal lobe controls higher-level thinking like problem solving, judgment, behavior, and attention.
- * The symptoms that people experience as a result of a brain injury are almost never the same since each person's brain is wired differently and each injury can affect different parts of the brain in different ways.



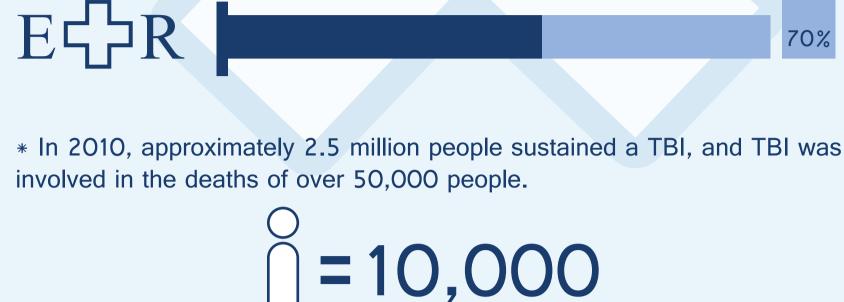
Traumatic Brain Injuries:

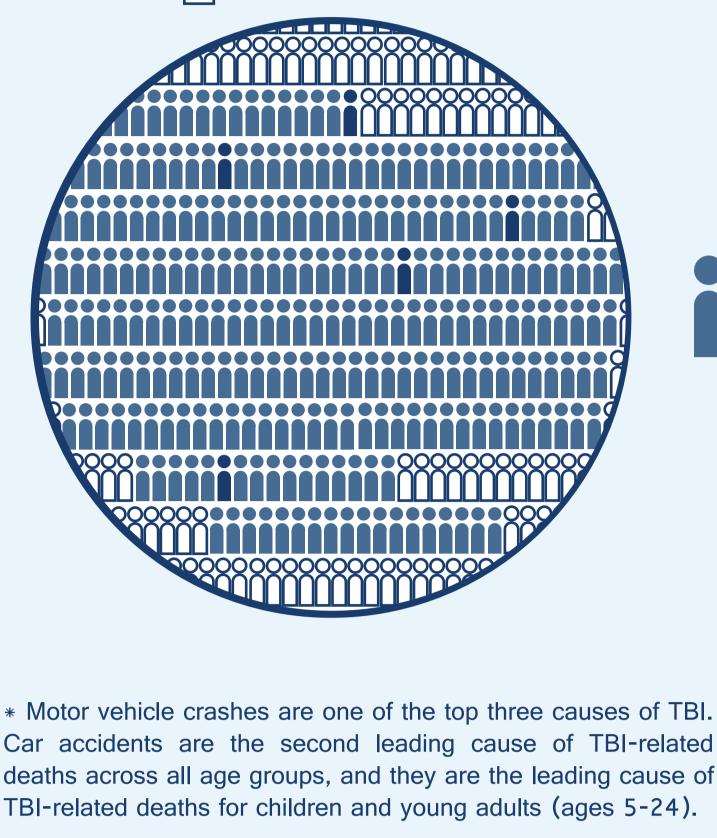
General Facts about

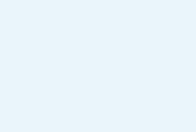
to TBI rose 11%.



11%







People Who

Sustained a TBI



* A "mild" TBI (also known as a concussion) can have debilitating symptoms that last for days, weeks, months, or longer, and individuals who have had one concussion are more prone to having more (and more severe) concussions in the future. September



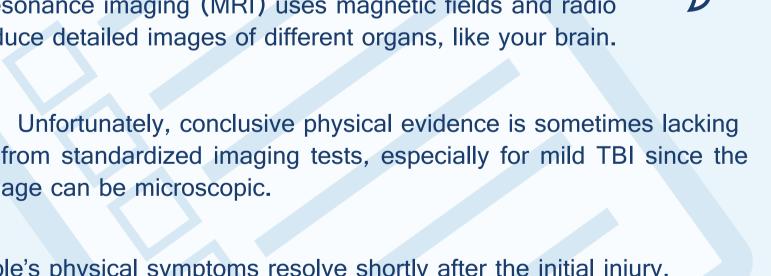


- concentrating, and remembering, (2) physical issues like loss of balance, headache, and light sensitivity, (3) emotional and mood changes, and



* Severe TBI has symptoms that include difficulty speaking, hearing loss,

double vision, memory loss, seizures, and brief or prolonged unconsciousness.



different x-ray views of your head to create a detailed picture. * Magnetic resonance imaging (MRI) uses magnetic fields and radio waves to produce detailed images of different organs, like your brain.

* Literally every TBI case is different, and people can experience an

extremely wide range of effects from a TBI, which is one of the reasons

#@!

The Effects of Traumatic

* Thinking-related effects of TBI can include difficulty

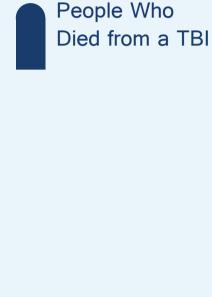
concentrating, impaired memory, poor or unusual

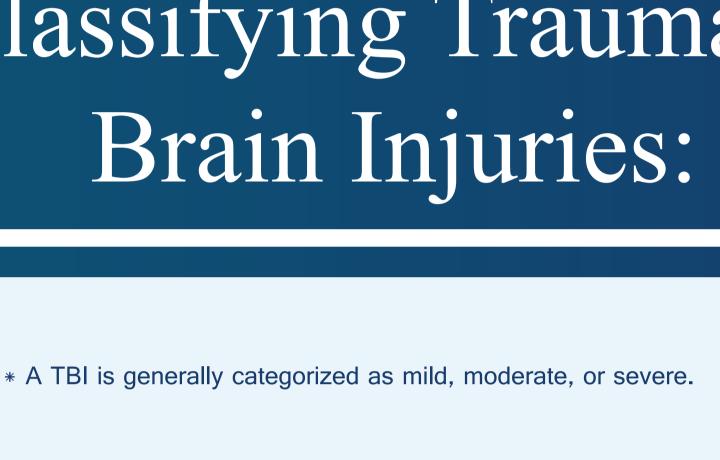
judgment, struggling with comprehension, decreased

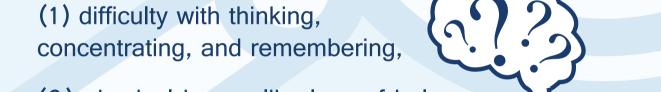
reasoning ability, and other cognitive problems.

- * Sensation effects include things like loss of hearing, vision problems,
- * Emotional effects include depression, personality changes, aggression, anxiety, social inappropriateness, and other changes in mood or emotional status.

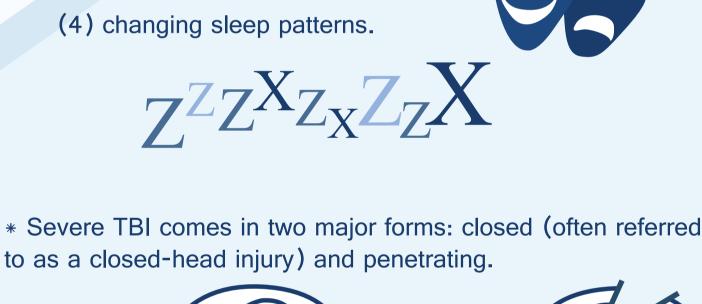
* A traumatic brain injury is defined as "a bump, blow, or jolt to the head or a penetrating head injury that disrupts the normal function of the brain." * From 2001 to 2010, emergency room visits involving a TBI increased by 70% and hospitalization rates related

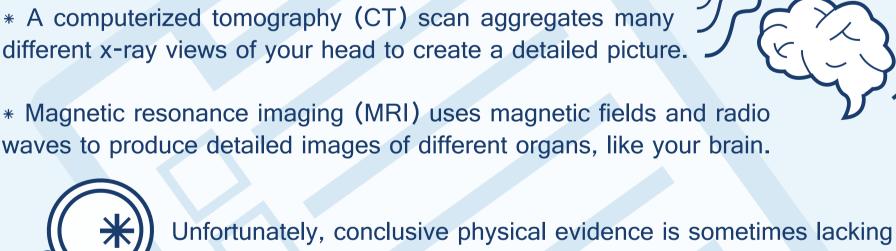






* Mild TBI symptoms are usually related to



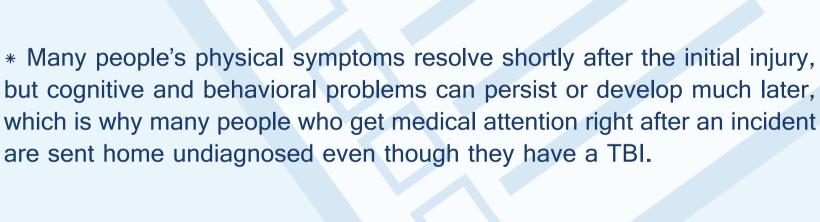


damage can be microscopic.

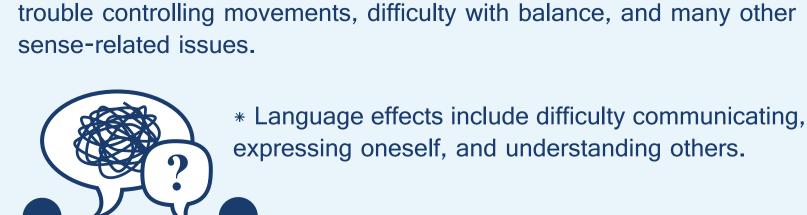
TBI is difficult to diagnose.

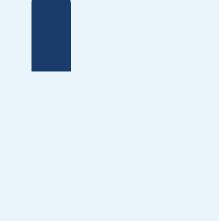
diagnose a TBI.

* Many different tests and equipment are used to help









References

Gehrke, S. (2014). 21 interesting facts about our brain. Examined Existence. Retrieved from