### What is a **TRAUMATIC** BRAIN INJURY?



A traumatic brain injury (TBI) is a bump, blow or jolt to the head that disrupts the way the brain normally works. It can cause cognitive, physical, emotional and behavioral changes. Not all blows or jolts to the head result in a TBI. The severity of a TBI may range from "mild" (i.e. brief change in mental state or consciousness) to "severe" (i.e. an extended period of unconsciousness or memory loss after the injury). Most TBI's that occur each year are mild, commonly called concussions.

Source: CDC www.cdc.gov/traumaticbraininjury/get the facts.html

#### Leading Causes of TBI:



### Symptoms of TBI:

## OGNITIVE

- Difficulty thinking clearly
- Feeling "slowed down"
- Difficulty concentrating
- Memory Difficulties

#### SLEEP

- Sleeping more than usual
- Sleeping less than usual
- Trouble falling asleep
  - Trouble staying asleep

## **EMOTIONAL**

- Irritability
- Sadness
- Increase of emotions
  - Nervousness, anxiety

# PHYSICAL

- Nausea, dizziness
- Sensitivity to noise or light

- Symptoms may not appear for days or weeks after the event.
- Even a mild concussion or injury can cause serious problems
- Watch for vomiting, double vision, pupil dilation, confusion, difficulty waking, behavioral changes, numbness in arms/ legs, severe headaches, fluid or blood coming from ears/nose.

\*Contact your physician immediately if these symptoms appear.

- Headache

- Lethargy

North Carolina Department of Health and Human Services, Division of Mental Health, Developmental Disabilities and Substance Abuse Services

# **TRAUMATIC** BRAIN INJURY PROGRAM

The Department of Health and Human Services (DHHS), in collaboration with our partners, protects the health and safety of all North Carolinians and provides essential human services.

The CDC reports that 2% of the

population has sustained a TBI. In North

Carolina that means approximately

208,000

individuals are living with a TBI.

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