

**APPENDIX 3.2
TRAUMATIC BRAIN (TBI) INJURY VERSUS
NON-TRAUMATIC BRAIN INJURY**

<p>Traumatic brain injury</p> <ul style="list-style-type: none"> ∞ Open, caused by external physical force <ul style="list-style-type: none"> ○ Mild ○ Moderate/severe 	<p>A Fracture to the skull resulting in:</p> <p>Mild</p> <ul style="list-style-type: none"> ∞ Loss of consciousness of 30 minutes or less ∞ Reported confusion, amnesia, ∞ Typically brain function will fully resolve in around 90% of cases ∞ May cause ongoing headaches, dizziness, memory loss, etc. ∞ Not always detectable with MRI or CT scan <p>Moderate to Severe</p> <ul style="list-style-type: none"> ∞ Typically is hospitalized for a prolonged period and requires extensive, on-going rehabilitation ∞ Most likely will not fully recover to pre TBI injury educational status
<p>Traumatic brain injury</p> <ul style="list-style-type: none"> ∞ Closed, <u>not</u> caused by external physical force <ul style="list-style-type: none"> ○ Mild ○ Moderate/severe 	<p>A Fracture to the skull resulting in:</p> <p>Mild</p> <p>∞</p> <p>Moderate to Severe Examples:</p> <ul style="list-style-type: none"> ∞ Shearing injury to the brain from back and forth hitting of brain against skull, bruising, bleeding of the brain, or even stretching/tearing of axons as the brain scrapes against the bony ridges of the “brain vault”. ∞ Blows to the head that are non-penetrating such as with violent shaking that may occur with whiplash or shaken baby syndrome ∞ Can include near drowning events for purposes of eligibility under TBI for special education
<p>Non-traumatic brain injury</p> <ul style="list-style-type: none"> ∞ Internal <u>not</u> caused by an external physical force 	<p>Cerebral vascular accidents</p> <p>Examples:</p> <ul style="list-style-type: none"> ∞ Vascular occlusion or or blockage of blood vessel ∞ Hemorrhagic or ischemic strokes ∞ Brain tumors or Craniotomy (brain surgery)

	<ul style="list-style-type: none">∞ Other Hypoxia/Anoxia events (i.e., brain deprived of adequate oxygen supply to brain –pre term birth, etc.)∞ Infections of the brain such as meningitis or encephalitis∞ Brain abscesses∞ Metabolic disorders (e.g., kidney, liver disease)∞ Ingestion of toxic substances∞ Alcohol and drug abuse
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