

TBI

FACT	REFERENCE
<p>1. Traumatic Brain Injury (TBI) is the leading cause of long-term disability in children. It is usually the result of a jolt, shake or blow to the head, or a penetrating injury that is strong enough to injure the brain and disturb its function.</p>	<p>1. Report to SafeKids Aotearoa on BIONIC – Mechanisms of Injury in Childhood Traumatic Brain Injury in New Zealand</p>
<p>2. TBIs can be mild, moderate or severe. How a TBI affects a child depends on the type of injury and how serious it is. The effects can be immediate, or they can become apparent years later when there are increased demands and expectations of a child academically, behaviourally and emotionally.</p> <p>With their brains still developing, children are especially at risk of long term effects of TBIs. They can have on going speech, vision or hearing problems, emotional and developmental delays and behavioural issues.</p>	<p>2. Refer to 1.</p>
<p>3. After a TBI, the brain remains vulnerable to further damage as it needs time to recover and repair. If a child sustains another TBI before their brain has healed, it can result in far more serious consequences.</p>	<p>3. Refer to 1.</p>
<p>4. 95% Traumatic Brain Injuries are mild in severity.</p>	<p>4. Refer to 1.</p>
<p>5. Causes: 49% Falls 25% Exposure to mechanical forces 14% Traffic motor vehicle crash 7% Assault 5% Unknown</p>	<p>5. Refer to 1.</p>
<p>6. In NZ, children account for 25% of estimated TBI cases.</p>	<p>6. Refer to 1.</p> <p>7. Incidence of traumatic brain injury in New Zealand: a population-based study. Lancet Neurology, The, 2013-01-01, Volume 12, Issue 1, Pages 53-64, Copyright © 2013 Elsevier Ltd - http://dx.doi.org/10.1016/S1474-4422(12)70262-4</p>
<p>7. TBIs due to fall injury is most common in infants and children.</p>	<p>8. Refer to 1.</p>
<p>8. Where it happens: 40% private home; 20% recreational area; 19% school; 8% highway/road/street; 5% other locations</p>	<p>9. Refer to 1.</p>
<p>9. TBIs across all age groups cost NZ Economy approx. \$83.5 million</p>	<p>10. Traumatic Brain Injury Strategy and Action Plan 2017–2021. Published in September 2017 by ACC, Wellington, NZ.</p>