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Injury Insight

Concussion statistics across BC Health Authorities among children & youth

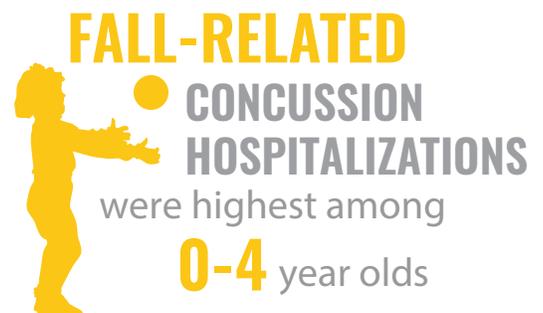
Concussions are the most common form of brain injury, yet this significant health issue is most often under-reported due to a lack of education and awareness among the general public, and inconsistent and limited availability of data around the burden of this injury.

Evidence suggests that children and youth are at greater risk of concussion and more serious brain injury than the general population, take longer than adults to recover following a concussion, and that concussions can permanently change the way a child or youth talks, walks, learns, works and interacts with others. There is a strong need for standardized concussion prevention, diagnosis and management specific to children and youth.

Concussion management and appropriate return to activity is crucial, particularly in the paediatric and adolescent populations. This may include physiotherapy, occupational therapy, educational support, neuropsychology and in some cases neuropsychiatry.

It is important to note that an individual is 3-times more likely to sustain a second concussion while recovering from the primary concussion. Furthermore, while a rare occurrence, a condition known as second-impact syndrome may occur if a second injury to the brain is sustained within a day or two after the first concussive event. This can lead to swelling of the brain that can result in brain damage, causing severe disability and in a few cases even death.

Across BC **CYCLING** was the main cause of **SPORT-RELATED CONCUSSION HOSPITALIZATIONS**

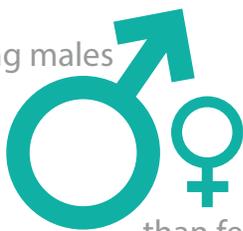


More information on concussion hospitalizations...


FALLS & TRANSPORT
were the **LEADING CAUSES**
of concussion hospitalization

CONCUSSION HOSPITALIZATIONS
from **OFF-ROAD VEHICLES** were
more common in **RURAL AREAS**
of BC



CONCUSSION RATES WERE HIGHER
among males 
than females

SPORT RELATED
concussion rates among **YOUTH**
10-19 years were **HIGHER**
than for 0-9 year olds



CONCUSSION HOSPITALIZATIONS
among **PEDESTRIANS**
were more common in
British Columbia's **URBAN AREAS**



NEW RESEARCH



Concussion Among Children & Youth

BCIRPU has published five new reports, one for each Health Authority, to provide details on the burden of concussion hospitalizations among children and youth. The reports are targeted to health care providers and community stakeholders in each health authority to be used to facilitate discussion of the need for standardized concussion prevention, diagnosis and management specific to children and youth.

[Go to reports »](#)

RESOURCES



The prevention, recognition, appropriate treatment and management of concussion is crucial to the health and safety of our kids.

The CATT provides three FREE online toolkits with up-to-date education, tools and resources to help prevent, recognize, treat and manage concussions. CATT addresses the impact that concussion can have on individuals, families and communities.

Visit our website to view CATT for:



MEDICAL PROFESSIONALS



PARENTS, PLAYERS & COACHES



SCHOOL PROFESSIONALS

www.cattonline.com



 **iDOT**

INJURY DATA ONLINE TOOL

You can explore data and generate reports using the Injury Data Online Tool (iDOT), visit our website to access the tool today.

www.injuryresearch.bc.ca