

Statistics on ATV-Related Injuries

ATV-Related Injuries in Children

- Children between the ages of 15 and 19 years have the highest number of ATV-related injury hospitalizations compared to any other age group in Canada. Youth aged 20-24 have the second highest number and children aged 10-14 have the third highest number of hospitalizations due to an ATV-related injury. (*Canadian Institute for Health Information, 2007*)
- Sixteen percent of all hospital admissions to children less than 16 years of age were due to ATV-related injuries between 2003 and 2006 in Alberta. (*Alberta Health Services, 2009*)

ATV-Related Hospitalizations

- ATV and OHV-related injuries were the second leading cause of summer sport and recreation-related injuries in Canada from 2004 – 2005, accounting for 2,808 hospitalizations and 25% of major trauma admissions. This does not include emergency department visits and fatal injuries. (*Canadian Institute for Health Information, 2007*)
- Almost three-quarters of ATV-related hospitalizations occur to males, and the highest representation of female hospitalizations due to ATV-related injury is for children aged 10-19 years of age. (*Canadian Institute for Health Information, 2007*)
- In 2008, there were 781 ATV-related hospital admissions and 5,834 ATV-related emergency department visits in Alberta. (*Alberta Centre for Injury Control and Research, 2010*)

ATV-Related Deaths

- Between 2002 and 2009 in Alberta, there were 113 ATV-related deaths, with the youngest person who suffered fatal injuries being 1 year of age. Fifteen percent of these ATV-related deaths occurred to children under 16 years of age. (*Alberta Centre for Injury Control and Research, 2010*)
- The leading cause of death for ATV-related injuries in Alberta between 2002 and 2009 was a head injury, accounting for 41% of all ATV-related deaths. (*Alberta Centre for Injury Control and Research, 2010*)

ATVs and Head Injuries

- In a ten year period, 702 Canadians suffered a head injury due to an ATV or OHV incident. (*Canadian Institute for Health Information, 2007*)
- The leading cause of death for ATV-related injuries in Alberta is head injury. (*Alberta Centre for Injury Control and Research, 2010*)
- Head injuries accounted for 41% of all ATV-related deaths in Alberta between 2002 and 2009. Sixty-eight percent of people who suffered a fatal head injury were not wearing a helmet at the time of their injury, and almost half of all children, who were under 16 years of age and suffered a fatal head injury, were not wearing a helmet. (*Alberta Centre for Injury Control and Research, 2010*)

ATVs and Alcohol Consumption

- In Canada, between 2004 and 2005, 28% of individuals who were tested for alcohol consumption after being hospitalized with ATV-related major trauma, tested above the legal limit of alcohol use. (*Canadian Institute for Health Information, 2007*)
- In Alberta between 2002 and 2009, 55% of the individuals who were tested for alcohol consumption after suffering a fatal ATV-related injury, tested positively. (*Alberta Centre for Injury Control and Research, 2010*)

ATVs and Passengers

- A literature review by the Canadian Paediatric Society reported that passengers were riding the ATV in 15% to 30% of cases where children were hospitalized with ATV-related injuries. (*Canadian Paediatric Society, 2004*)
- In Manitoba between 1999 and 2003, 28% of children who suffered ATV-related injuries were riding the ATV as a passenger. Children ranged from 2 to 16 years of age. (*Warda L, Briggs G, 2007*)