

## Causes of injury by age

These tables show the major causes of injury resulting in death or hospitalisation in New Zealand by age.  
This fact sheet updates IPRU fact sheet No. 39.

### DEATHS

#### Ten Leading Causes of Injury Resulting in Death\* - New Zealand 2003-2007

Rank	00-04yrs	05-09yrs	10-14yrs	15-19yrs	20-24yrs	25-34yrs	35-44yrs	45-54yrs	55-64yrs	65-74yrs	75-84yrs	85+yrs	Total
<b>1</b>	Suffocation 41.0%	MVT Occupant 31.5%	MVT Occupant 18.0%	MVT Occupant 42.2%	Self- inflicted 38.2%	Self- inflicted 44.0%	Self- inflicted 42.5%	Self- inflicted 38.8%	Self- inflicted 35.6%	Fall 26.7%	Fall 55.6%	Fall 80.2%	Self- inflicted 28.9%
<b>2</b>	Drowning 14.3%	Pedestrian 18.0%	Self- inflicted 17.2%	Self- inflicted 32.2%	MVT Occupant 31.0%	MVT Occupant 21.4%	MVT Occupant 17.6%	MVT Occupant 17.3%	MVT Occupant 17.7%	Self- inflicted 21.5%	MVT Occupant 12.3%	MVT Occupant 4.1%	Fall 20.7%
<b>3</b>	MVT Occupant 12.0%	Drowning 11.2%	Pedestrian 11.5%	Assault 3.9%	Drowning 4.3%	Assault 5.5%	Poisoning 6.9%	Other Transport 6.4%	Fall 10.4%	MVT Occupant 17.7%	Self- inflicted 12.3%	Self- inflicted 3.5%	MVT Occupant 19%
<b>4</b>	Assault 10.8%	Fire/Flame 9.0%	Cyclist 6.6%	Pedestrian 3.9%	Assault 3.8%	Poisoning 4.9%	Assault 4.9%	Poisoning 5.3%	Other Transport 8.1%	Pedestrian 4.6%	Suffocation 2.3%	Pedestrian 1.4%	Other Transport 3.7%
<b>5</b>	Pedestrian 10.0%	Other Transport 7.9%	Other Transport 6.6%	Poisoning 3.6%	Pedestrian 3.6%	Other Transport 3.4%	Other Transport 4.6%	Fall 4.6%	Drowning 3.7%	Other Transport 4.6%	Pedestrian 2.3%	Suffocation 0.9%	Poisoning 3.4%
<b>6</b>	Fire/Flame 3.2%	Struck by or against 4.5%	Suffocation 5.7%	Other Transport 2.9%	Poisoning 3.0%	MVT Motoryclist 3.3%	Drowning 3.8%	Assault 3.9%	Poisoning 2.9%	Drowning 4.3%	Fire/Flame 2.3%	Over exertion 0.6%	Assault 3.4%
<b>7</b>	Fall 2.4%	Assault 4.5%	Fire/Flame 4.1%	Fall 2.5%	Fall 2.8%	Fall 2.9%	MVT Motoryclist 3.4%	MVT Motoryclist 3.1%	Assault 2.6%	Suffocation 3.1%	Poisoning 1.4%	Fire/Flame 0.6%	Drowning 3.2%
<b>8</b>	Struck by or against 1.6%	Cyclist 3.4%	Assault 4.1%	Drowning 2.5%	Other Transport 2.8%	Drowning 2.7%	Fall 3.1%	Drowning 3.1%	Pedestrian 2.6%	Natural/ Environmental 1.5%	Natural/ Environmental 1.4%	Drowning 0.5%	Pedestrian 3.2%
<b>9</b>	Other Transport 1.2%	Suffocation 3.4%	Poisoning 4.1%	MVT Motoryclist 2.3%	MVT Motoryclist 2.7%	Pedestrian 2.3%	Pedestrian 2.6%	Pedestrian 2.8%	Suffocation 1.8%	Assault 1.5%	Drowning 1.4%	Natural/ Environmental 0.5%	Suffocation 2.6%
<b>10</b>	Natural/ Environmental 0.8%	Poisoning 1.1%	Fall 4.1%	Suffocation 0.9%	Cut/Pierce 0.5%	Suffocation 1.1%	Machinery 1.4%	Suffocation 1.5%	Machinery 1.7%	Fire/Flame 1.5%	Assault 1.2%	Hot object/ Substance 0.5%	MVT Motoryclist 1.9%
<b>All other</b>	2.8%	5.6%	18.0%	3.1%	6.9%	8.5%	8.7%	12.8%	12.2%	12.0%	6.7%	5.2%	9.2%
<b>Un- specified</b>	0%	0%	0%	0%	0.3%	0%	0.5%	0.4%	0.5%	0.7%	0.7%	2%	0.6%
<b>Total (N)</b>	251	89	122	770	741	1145	1292	1038	761	581	860	1173	8823

Data sourced from the New Zealand Ministry of Health

\*The information in this table excludes deaths resulting from adverse effects of drugs and medical procedures.

## HOSPITALISATIONS

### Ten Leading Causes of Injury Resulting in Hospitalisation\* - New Zealand 2005-2009

Rank	00-04yrs	05-09yrs	10-14yrs	15-19yrs	20-24yrs	25-34yrs	35-44yrs	45-54yrs	55-64yrs	65-74yrs	75-84yrs	85+yrs	Total
1	Fall 38.2%	Fall 60.9%	Fall 39.7%	Fall 18.0%	Fall 18.5%	Fall 18.7%	Fall 19.9%	Fall 26.9%	Fall 42.2%	Fall 58.4%	Fall 77.2%	Fall 87.0%	Fall 40.5%
2	Caught between 11.3%	Cyclist 5.9%	Cyclist 9.8%	MVT Occupant 12.5%	MVT Occupant 10.7%	Self-inflicted 10.6%	Self-inflicted 11.8%	Self-inflicted 9.6%	MVT Occupant 7.0%	Over-exertion 6.8%	Over-exertion 4.3%	Over-exertion 2.4%	Cut/Pierce 6.3%
3	Poisoning 10.4%	Cut/Pierce 5.7%	Struck by or against 9.8%	Self-inflicted 10.8%	Assault 10.7%	Cut/Pierce 10.0%	Cut/Pierce 8.6%	Cut/Pierce 7.7%	Cut/Pierce 5.9%	MVT Occupant 6.0%	MVT Occupant 3.9%	MVT Occupant 2.0%	MVT Occupant 6.2%
4	Hot object/Substance 7.2%	Struck by or against 5.7%	Other Transport 8.7%	Cut/Pierce 9.8%	Cut/Pierce 10.5%	Struck by or against 8.7%	MVT Occupant 7.0%	MVT Occupant 6.6%	Over-exertion 5.8%	Cut/Pierce 3.2%	Struck by or against 2.1%	Struck by or against 1.7%	Self-inflicted 6.0%
5	Struck by or against 5.2%	Caught between 4.5%	Cut/Pierce 7.2%	Assault 9.2%	Self-inflicted 9.7%	Assault 8.3%	Assault 6.9%	Over-exertion 6.0%	Self-inflicted 4.5%	Struck by or against 2.9%	Poisoning 1.6%	Poisoning 0.9%	Struck by or against 5.8%
6	Cut/Pierce 3.6%	Other Transport 3.1%	Self-inflicted 3.4%	Struck by or against 8.9%	Struck by or against 9.0%	MVT Occupant 8.2%	Other Transport 6.6%	Other Transport 5.7%	Other Transport 4.3%	Natural/Environmental 2.6%	Pedestrian 1.1%	Pedestrian 0.8%	Other Transport 4.4%
7	Natural/Environmental 3.2%	Natural/Environmental 2.6%	Over-exertion 3.0%	Other Transport 6.5%	Other Transport 5.8%	Other Transport 6.1%	Struck by or against 6.4%	Struck by or against 5.0%	Struck by or against 4.2%	Other Transport 2.3%	Natural/Environmental 1.0%	Natural/Environmental 0.5%	Assault 4.2%
8	Pedestrian 2.4%	Pedestrian 2.0%	MVT Occupant 2.8%	Cyclist 3.5%	Over-exertion 3.4%	Over-exertion 5.0%	Over-exertion 5.7%	Assault 4.1%	Machinery 3.6%	Poisoning 2.2%	Self-inflicted 0.9%	Self-inflicted 0.4%	Over-exertion 4.1%
9	MVT Occupant 1.9%	MVT Occupant 1.7%	Assault 1.9%	Over-exertion 3.0%	MVT Motoryclist 3.1%	MVT Motoryclist 3.3%	Machinery 3.6%	Machinery 4.0%	Natural/Environmental 3.2%	Machinery 1.9%	Cut/Pierce 0.8%	Other Transport 0.3%	Cyclist 2.9%
10	Suffocation 1.9%	Hot object/Substance 1.0%	Pedestrian 1.8%	MVT Motoryclist 2.6%	Machinery 2.8%	Machinery 3%	MVT Motoryclist 3.5%	Natural/Environmental 3.7%	Cyclist 2.5%	Self-inflicted 1.7%	Other Transport 0.7%	Caught between 0.2%	Poisoning 2.3%
All other Un-specified	2.9%	1.0%	1.5%	2.0%	2.2%	2.4%	2.3%	2.2%	2.3%	2.0%	1.7%	1.6%	2.0%
<b>Total (N)</b>	<b>16162</b>	<b>17332</b>	<b>17083</b>	<b>24357</b>	<b>21199</b>	<b>30300</b>	<b>30441</b>	<b>25884</b>	<b>20227</b>	<b>17529</b>	<b>26441</b>	<b>22341</b>	<b>269296</b>

Data sourced from the New Zealand Ministry of Health

\*The information in this table includes all publically funded hospital discharges with a primary diagnosis of injury and excludes the following: readmissions for a prior injury, stays of less than one day, those discharged dead and adverse effects due to drugs or medical procedures.

Cause of injury	Description	Cause of injury	Description
<i>Unintentional unless otherwise indicated</i>		Natural/Environmental	Injuries from natural and environmental factors, e.g. excessive heat, excessive cold, hunger, neglect, venomous animals and plants, other injury caused by animals, lightning, cataclysmic storms, floods, earth surface movements, or other and unspecified environmental cause
Caught between	Injuries from being caught in or between objects	Other Transport	Injury from a transport crash excluding a motor vehicle on a public road, e.g. water transport, aircraft, motor vehicles not on a public road, and animals being ridden
Cut/Pierce	Injuries caused by cutting and piercing instruments or objects	Overexertion	Injury from overexertion and strenuous movement e.g. lifting, pulling, pushing, excessive physical exercise
Cyclist	Rider or passenger on a pedal cycle involved in a crash on or off a public road	Pedestrian	Any person involved in a crash on or off a public road who was not at the time of the accident riding in or on a motor vehicle, railway train, tram, animal-drawn or other vehicle, or on a pedal cycle or animal
Drowning	Injury from submersion while engaged in sport or recreational activities, while swimming, in bathtub, or following a water transport crash	Poisoning	Poisoning by drugs, medicinal substances, biological, other solid and liquid substances, gases or vapours
Fall	Injury resulting from a fall, e.g. from stairs, tripping, slipping, or from playground equipment	Self-Inflicted	Injury resulting from intentional self-harm
Fire/Flame	Injury caused by fire and flames e.g. conflagration in private dwelling, conflagration in other building or structure, ignition of clothing, ignition of highly flammable material	Struck by or against	Injury from being struck by a falling object, or striking against, or being struck by objects or persons
Assault	Injury purposely inflicted by other persons	Other specified	All other specified causes of unintentional injury
Hot object/Substance	Injuries caused by hot substance or object, caustic or corrosive material and steam	Unspecified	Where the cause of unintentional injury has not been specified in the coding
Machinery	Injury caused by machinery		
MVT Occupant	Driver or passenger of a motorised transport vehicle, including car, van, truck, bus etc involved in a crash on a public road		

**FOR FURTHER INFORMATION CONTACT**

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