

WEST COAST PROFILE



Fatalities 2011-2015

General

- In the West Coast DHB area, there were 5 preventable child fatalities between 2011 - 2015 (16.3 per 100,000 children).
- 83% were unintentional*. (* Unintentional injuries = where there is no intent of harm e.g. transport related injuries, drownings, burns and falls.)

Intent	0-4 Years	5-9 Years	10-14 Years	Total	
Assault	<5	0	0	<5	17%
Unintentional	<5	<5	<5	5	83%
Total	<5	<5	<5	6	100%

- Every year 1 child dies of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	<5	0	0	<5
2012	0	<5	0	<5
2013	0	0	<5	<5
2014	<5	0	0	<5
Total	<5	<5	<5	5

Gender

- 80% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	<5	0	0	<5	20%
Male	<5	<5	<5	<5	80%
Total	<5	<5	<5	5	100%

Causes

- Motor Vehicle Traffic accounted for the highest number of unintentional injury deaths.

Cause_Major	0-4 Years	5-9 Years	10-14 Years	Total
Drowning	<5	0	0	<5
Motor Vehicle Traffic	0	<5	0	<5
Other Land Transport	0	<5	0	<5
Pedal Cyclist, other	0	0	<5	<5
Suffocation	<5	0	0	<5
Total	<5	<5	<5	5

Ethnicity

- Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
European	<5	<5	0	<5
Māori	<5	<5	0	<5
Pacific Island	0	0	<5	<5
Total	<5	<5	<5	5



Hospital Admissions 2013-2017

General

- In the West Coast DHB area, there were 206 (rate 679.4 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 41 children were admitted to hospital each year because of an unintentional injury.
- Age group 0-4 and 5-9 years were most frequently injured.
- 88% were unintentional*. (*Unintentional injuries = where there is no intent of harm e.g. transport related injuries, drowning, burns and falls.)

Intent	0-4 Years	5-9 Years	10-14 Years	Total	
Assault	0	<5	<5	<5	1%
Other	<5	5	<5	12	5%
Self-inflicted	0	0	12	12	5%
Undetermined	0	0	5	<5	0%
Unintentional	72	73	61	206	88%
Total	76	79	78	233	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	13	12	13	38	601.3
2014	16	13	13	42	680.7
2015	18	16	9	43	702.6
2016	15	17	18	50	843.2
2017	10	15	8	33	570.9
Total	72	73	61	206	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	31	36	23	90	44%	608.5	0.8
Male	41	37	38	116	56%	746.9	1.0
Total	72	73	61	206	100%		

Ethnicity

• Number of hospital admissions by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total	Ave per/yr	Rate (per 100,000)	RR
Asian	<5	<5	0	<5	0.4	261.4	0.5
European	57	50	49	156	31.2	586.2	1.0
Māori	9	20	11	40	8	761.9	1.3
Other	0	<5	0	<5	0.2	130.7	0.2
Pacific Island	<5	<5	<5	6	1.2	1025.6	1.8
Unknown	<5	0	0	<5	0.2		
Total	72	73	61	203			

Top 5 Leading Causes of Unintentional Injuries by Age

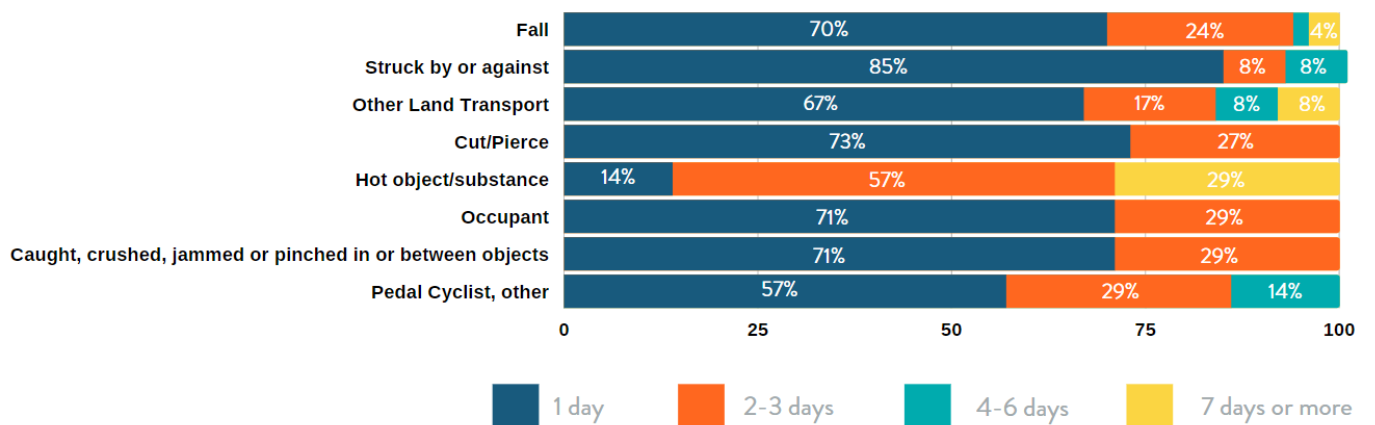
0-4 Years			
Cause	Number	%	Rank
Fall	25	35%	1
Struck by or against	7	10%	2
Hot object/substance	6	8%	3
Poisoning	6	8%	4
Caught, crushed, jammed or pinched in or between objects	5	7%	5

5-9 Years			
Cause	Number	%	Rank
Fall	45	61%	1
Cut/Pierce	7	10%	2
W54 - Contact with dog	3	4%	3
Struck by or against	3	4%	4
Other Land Transport	2	3%	5

10-14 Years			
Cause	Number	%	Rank
Fall	27	44%	1
Other Land Transport	9	15%	2
Occupant	4	7%	3
Pedal Cyclist, other	4	7%	4
Struck by or against	3	5%	5

0-14 Years			
Cause	Number	%	Rank
Fall	97	47%	1
Struck by or against	13	6%	2
Other Land Transport	12	6%	3
Cut/Pierce	11	5%	4
Hot object.substance	7	3%	5=
Occupant	7	3%	5=
Caught, crushed, jammed or pinched in or between objects	7	3%	5=
Pedal Cyclist, other	7	3%	5=

Length of Stay in Hospital for Top 5 Leading Causes, 0-14 Years



Note: Pedal Cyclist, other - Pedal cycle injuries not involved in a motor vehicle traffic crash.

External Cause by Top 3 Leading Injuries Sustained

Rank	Fall	Struck by or against	Other Land Transport	Cut/Pierce	Hot object/substance	Occupant	Caught, crushed, jammed or pinched in or between objects	Pedal Cyclist, other
1	Fracture of forearm 29%	Intracranial injury 23%	Fracture of forearm 33%	Open wound of ankle, foot and toes 27%	Burn and corrosion of shoulder and upper limb, except wrist 43%	Intracranial injury 29% Superficial injury of head 29%	Fracture at wrist and hand level 71%	Fracture of forearm 29%
2	Fracture of shoulder and upper arm 25%	Fracture of shoulder and upper arm 15% Superficial injury of head 15%	Fracture of shoulder and upper arm 25%	Open wound of wrist, hand and fingers 18% Injury of muscle, fascia and tendon at wrist and hand level	Burn and corrosion of head, face, and neck 29% Burn and corrosion of trunk	Superficial injury of abdomen, lower back, pelvis and external genitals 14% Other and unspecified injuries of head 14% Dislocation and sprain of joints and ligaments at neck level 15%	Open wound of wrist, hand and fingers 14% Traumatic amputation of wrist, hand and fingers 14%	Intracranial injury 14% Superficial injury of head 14% Fracture of femur 14% Fracture of foot and toe, except ankle 14% Open wound of abdomen, lower back, pelvis and external genitals 14%
3	Intracranial Injury 9% Fracture of lower leg, including ankle	Fracture of forearm 8% Fracture of femur 8% Other and unspecified injuries of abdomen, lower back, pelvis and external genitals 8% Dislocation and sprain of joints and ligaments of elbow 8% Fracture of skull and facial bones 8% Fracture of foot and toe, except ankle 8%	Fracture of lower leg, including ankle 17%	Open wound of shoulder and upper arm 9% Traumatic amputation of wrist, hand and fingers 9% Open wound of hip and thigh 9% Superficial injury of ankle, foot and toes 9%				

