

MID-CENTRAL DHB PROFILE



Fatalities 2011-2015

General

- In the Mid-Central DHB area, there were 14 preventable child fatalities between 2011-2015 (rate: 8.2 per 100,000).
- 67% 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	0	0	<5	<5	5%
Other	<5	0	0	<5	5%
Self-inflicted	0	0	<5	<5	19%
Undetermined	0	0	<5	<5	5%
Unintentional	7	<5	<5	14	67%
Total	8	<5	9	21	100%

- Every year 3 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	<5	0	<5	<5
2012	<5	0	0	<5
2013	<5	0	<5	<5
2014	0	<5	<5	<5
2015	<5	<5	0	<5
Total	7	<5	<5	14

Gender

- 57% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	<5	<5	<5	6	43%
Male	<5	<5	<5	8	57%
Total	7	<5	<5	14	100%

Causes

- Suffocation (including SUDI causes) accounted for the highest number of unintentional injury deaths, with the majority of the deaths in this category occurring in infants less than a year old

Cause_Major	0-4 Years	5-9 Years	10-14 Years	Total
Drowning	<5	<5	<5	<5
Fire/Hot object or substance	0	<5	0	<5
Motor Vehicle Traffic	<5	<5	<5	<5
Natural/Environmental	<5	0	0	<5
Suffocation	<5	<5	0	5

Total	7	<5	<5	14
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Ethnicity

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
European	<5	<5	<5	<5
Maori	5	<5	<5	10
Total	7	<5	<5	14

Hospital Admissions 2013-2017

General

- In the Mid-Central DHB area, there were 1,166 (rate 680.3 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 234 children were admitted to hospital each year because of an unintentional injury.
- Age groups 0-4 was most frequently injured.
- 85% 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	<5	<5	<5	11	1%
Other	59	38	38	135	10%
Self-inflicted	0	0	52	52	4%
Undetermined	<5	0	<5	7	1%
Unintentional	433	401	332	1166	85%
Total	500	442	429	1371	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	101	100	72	273	796.6
2014	86	58	73	217	634.3
2015	82	100	71	253	742.4
2016	96	61	54	211	617.3
2017	68	82	62	212	611.7
Total	433	401	332	1166	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	182	174	121	477	41%	568.4	0.7
Male	251	227	211	689	59%	787.6	1.0
Total	433	401	332	1166	100%		

Ethnicity

• Number of hospital admissions by major ethnic group.

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Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total	Ave per/yr	Rate	RR
Asian	16	17	<5	37	7.4	352.9	0.6
European	231	230	235	696	139.2	557.1	1.0
Maori	157	134	78	369	73.8	747.3	1.3
Other	<5	0	<5	8	1.6	179.6	0.3
Pacific Island	24	20	11	55	11	470.1	0.8
Unknown	<5	0	0	<5			
Total	433	401	332	1166			

Top 5 Leading Causes of Unintentional Injuries by Age

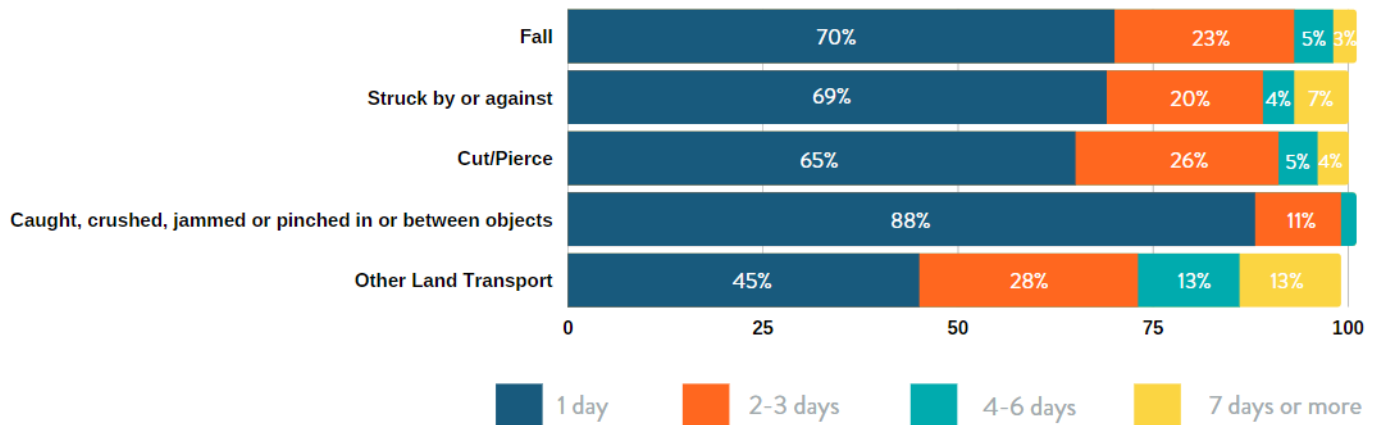
0-4 Years			
Cause	Number	%	Rank
Fall	159	37%	1
Poisoning	44	10%	2
Hot object/substance	40	9%	3
Struck by or against	38	9%	4
Caught, crushed, jammed or pinched in or between objects	31	7%	5

5-9 Years			
Cause	Number	%	Rank
Fall	237	59%	1
Cut/Pierce	24	6%	2
Caught, crushed, jammed or pinched in or between objects	18	4%	3
Struck by or against	18	4%	4
Pedal Cyclist, other	15	4%	5

10-14 Years			
Cause	Number	%	Rank
Fall	132	40%	1
Struck by or against	35	11%	2
Other Land Transport	33	10%	3
Cut/Pierce	21	6%	4
Overexertion	21	6%	5

0-14 Years			
Cause	Number	%	Rank
Fall	528	45%	1
Struck by or against	91	8%	2
Cut/Pierce	57	5%	3
Caught, crushed, jammed or pinched in or between objects	56	5%	4
Other Land Transport	53	5%	5

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



External Cause by Leading Injuries Sustained

Rank	Fall	Struck by or against	Cut/Pierce	Caught, crushed, jammed or pinched in or between objects	Other Land Transport
1	Fracture of forearm 30%	Other and unspecified injuries of head 18%	Open wound of ankle, foot and toes 30%	Open wound of wrist, hand and fingers 30%	Fracture of forearm 17%
2	Fracture of shoulder and upper arm 24%	Intracranial injury 12%	Injury of nerves at wrist and hand level Injury of muscle, fascia and tendon at wrist and hand level 9%	Fracture at wrist and hand level 27%	Fracture of lower leg, including ankle 15%
3	Fracture of lower leg, including ankle 9%	Fracture of lower leg, including ankle 9%	Open wound of wrist, hand and fingers 7%	Traumatic amputation of wrist 23%	Fracture of shoulder and 11%

