

TAIRAWHITI DHB PROFILE



Fatalities 2011-2015

General

- In the Tairāwhiti DHB area, there were 13 preventable child fatalities between 2011 - 2015 (rate: 22.3 per 100,000 children).
- 87% were unintentional*. (* Unintentional injuries = where there is no intent of harm e.g. transport related injuries, drownings, burns and falls.)

Intent	00-04 Years	5-9 Years	10-14 Years	Total	
Assault	<5	0	0	<5	7%
Self-inflicted	0	0	<5	<5	7%
Unintentional	12	<5	0	13	87%
Total	13	<5	<5	15	100%

- Every year 3 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	Total
2011	6	0	6
2012	<5	0	<5
2013	<5	<5	<5
2015	<5	0	<5
Total	12	<5	13

Gender

- 69% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	Total	
Female	<5	0	<5	31%
Male	8	<5	9	69%
Total	12	<5	13	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	Total
Drowning	<5		<5
Other Land Transport	<5		<5
Pedestrian, other	<5		<5
Suffocation	7	<5	8
Total	12	<5	13

Ethnicity

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	Total
Asian	<5	0	<5
European	<5	0	<5
Maori	9	<5	10
Pacific Island	<5	0	<5
Total	12	<5	13



Hospital Admissions 2013-2017

General

- In the Tairāwhiti DHB area, there were 603 (rate 1035.7 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 121 children were admitted to hospital each year because of an unintentional injury.
- Age group 0-4 and 10-14 were most frequently injured (214 and 211 discharges respectively).
- 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	0	6	8	1%
Other	25	26	17	68	10%
Self-inflicted	0	0	28	28	4%
Undetermined	<5	0	<5	6	1%
Unintentional	214	178	211	603	85%
Total	244	204	265	713	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	45	32	54	131	1,121.6
2014	41	37	29	107	920.0
2015	31	34	36	101	869.9
2016	50	36	42	128	1,100.6
2017	47	39	50	136	1,165.4
Total	214	178	211	603	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	94	81	61	236	39%	838.4	0.7
Male	120	97	150	367	61%	1220.5	1.0
Total	214	178	211	603	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	6	<5	425.5	0.7
European	61	47	55	163	32.6	601.0	1.0
Māori	142	127	148	417	83.4	1297.2	2.2
Other	0	0	<5	<5	<5	136.1	0.2
Pacific Island	5	<5	7	15	<5	436.7	0.7
Unknown	<5	0	0	<5	<5		
Total	214	178	211	603			

Top 5 Leading Causes of Unintentional Injuries by Age

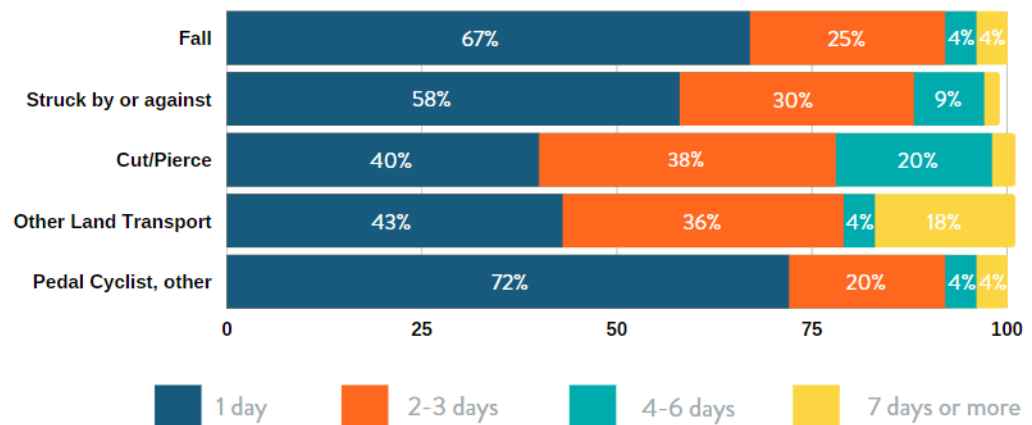
0-4 Years			
Cause	Number	%	Rank
Fall	104	49%	1
Hot object/substance	17	8%	2
Poisoning	14	7%	3
Struck by or against	9	4%	4
Occupant	7	3%	5

5-9 Years			
Cause	Number	%	Rank
Fall	106	60%	1
Cut/Pierce	11	6%	2
Struck by or against	10	6%	3
Contact with dog	9	5%	4
Pedal Cyclist, other	6	3%	5

10-14 Years			
Cause	Number	%	Rank
Fall	92	44%	1
Cut/Pierce	24	11%	2
Struck by or against	24	11%	3
Other Land Transport	21	10%	4
Pedal Cyclist, other	14	7%	5

0-14 Years			
Cause	Number	%	Rank
Fall	302	50%	1
Struck by or against	43	7%	2
Cut/Pierce	40	7%	3
Other Land Transport	28	5%	4
Pedal Cyclist, other	25	4%	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.

