HAWKE'S BAY DHB PROFILE



Fatalities 2011-2015

General

- In the Hawke's Bay DHB area, there were 14 preventable child fatalities between 2011 2015 (rate: 8.1 per 100,000 children).
- 70% 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	<5	0	<5	20%
Self-inflicted	0	0	<5	<5	10%
Unintentional	10	<5	<5	14	70%
Total	13	<5	5	20	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	0	0	<5	<5
2013	<5	0	0	<5
2014	<5	0	0	<5
2015	<5	<5	0	<5
Total	10	<5	<5	14

Gender

 \bullet 64% of children that died of an unintentional injury are girls.

Gender	0-4 Years	5-9 Years	10-14 Y ears	Total	
Female	<5	0	<5	5	36%
Male	6	<5	<5	9	64%
Total	10	<5	<5	14 1	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	0	0	<5
Machinery	<5	0	0	<5
Motor Vehiicle Traffic	0	0	<5	<5
Pedestrian, other	<5	0	0	<5
Suffocation	7	<5	0	8
Total	10	<5	<5	14

Ethnicity

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
Asian	0	<5	0	<5
European	<5	0	<5	<5
Māori	8	0	<5	10
Pacific Island	<5	0	0	<5
Total	10	<5	<5	14



Hospital Admissions 2013-2017

General

- In the Hawke's Bay DHB area, there were 1,338 (rate 799.8 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 278 children were admitted to hospital each year because of an unintentional injury.
- Age group 5-9 is 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	8	<5	8	18	1%
Other	29	48	34	111	7%
Self-inflicted	0	0	53	53	3%
Undetermined	<5	<5	6	8	1%
Unintentional	456	502	430	1388	88%
Total	494	553	531	1578	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	99	89	86	274	791.0
2014	92	115	81	288	830.4
2015	96	83	92	271	784.6
2016	97	110	82	289	834.3
2017	72	105	89	266	758.9
Total	456	502	430	1388	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	% Rate RR
Female	190	222	133	545	39% 633.9 0.7
Male	266	280	297	843	61% 962.5 1.0
Total	456	502	430	1388	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	17	9	10	36	7.2	560.7	1.0
European	168	230	223	621	124.2	548.1	1.0
Māori	233	228	178	639	127.8	1059.7	1.9
Other	<5	<5	<5	7	1.4	212.1	0.4
Pacific Island	33	30	17	80	16	632.7	1.2
Unknown	<5	<5	<5	5			
Total	456	502	430	1388			

Top 5 Leading Causes of Unintentional Injuries by Age

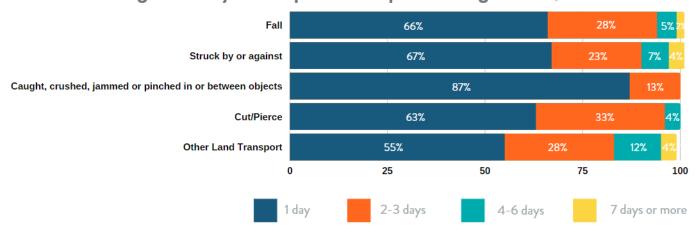
0-4 Years						
Cause	Number	%	Rank			
Fall	168	37%	1			
Caught, crushed, jammed or pinched in or between objects	59	13%	2			
Poisoning	43	9%	3			
Struck by or against	35	8%	4			
Other Specified (less W23)	29	6%	5			

10-14 Years						
Cause	Number	%	Rank			
Fall	187	43%	1			
Struck by or against	45	10%	2			
Cut/Pierce	44	10%	3			
Other Land Transport	43	10%	4			
Pedal Cyclist, other	26	6%	5			

5-9 Years						
Cause	Number	%	Rank			
Fall	301	60%	1			
Struck by or against	43	9%	2			
Caught, crushed, jammed or pinched in or between objects	28	6%	3			
Cut/Pierce	25	5%	4			
Pedal Cyclist, other	21	4%	5			

0-14 Years										
Cause	Number	%	Rank							
Fall	656	47%	1							
Struck by or against	123	9%	2							
Caught, crushed, jammed or pinched in or between objects	94	7%	3							
Cut/Pierce	82	6%	4							
Other Land Transport	67	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		Caught, crushed, jammed or pinched in or between objects		Cut/pierce		Other Land Transport	
1	Fracture of forearm	31%	Fracture of lower leg, including ankle	10%	Open wound of wrist, hand and fingers	49%	Open wound of ankle, foot and toes	21%	Fracture of shoulder and upper arm	18%
2	Fracture of shoulder and upper arm	22%	Intracranial injury	9%	Fracture at wrist and hand level	28%	Injury of muscle, fascia and tendon at wrist and hand level	18%	Fracture of forearm	16%
3	Fracture of lower leg, including ankle	9%	Superficial injury of abdomen, lower back, pelvis and external genitals	7%	Traumatic amputation of wrist, hand and fingers	14%	Open wound of wrist, hand and fingers Injury of nerves at wrist and hand level	10%	Fracture of lower leg, including ankle	15%

Common Place of Injury All DHB's

Home 36% 31% 38% 26% 41% 39% 40% 38% 38% 38% 29% 40% 39% 42% 40% 36% 21% 42% 40% 34% 32% 35% Sports & athletics arenas 5% 5% 6% Trade & service area 8% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 0% 1% 1% 1% 1% 0% Residential institution 0% 0% Industrial & construction 0% 8% Unspecified place of ? 28% 29% 17% 12% 14% 100%