

# BAY OF PLENTY DHB PROFILE



## Fatalities 2011-2015

### General

- In the Bay of Plenty DHB area, there were 17 preventable child fatalities between 2011-2015 (rate: 7.4 per 100,000).
- 70% 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	9%
Self-inflicted	0	0	<5	<5	13%
Undetermined	0	0	<5	<5	4%
Unintentional	9	<5	7	17	74%
<b>Total</b>	<b>11</b>	<b>&lt;5</b>	<b>11</b>	<b>23</b>	

- Every year 4 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	<5	0	0	<5
2012	<5	0	<5	<5
2013	<5	0	<5	<5
2014	0	<5	<5	<5
2015	<5	0	<5	<5
<b>Total</b>	<b>9</b>	<b>&lt;5</b>	<b>7</b>	<b>17</b>

### Gender

- 65% 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	35%
Male	7	0	<5	11	65%
<b>Total</b>	<b>9</b>	<b>&lt;5</b>	<b>7</b>	<b>17</b>	<b>100%</b>

### 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
Suffocation	7	0	<5	8
Motor Vehicle Traffic	<5	<5	<5	6
Drowning	<5	0	<5	<5
Other Land Transport	0	0	<5	<5
<b>Total</b>	<b>9</b>	<b>&lt;5</b>	<b>7</b>	<b>17</b>

## Ethnicity

- Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
Asian	<5	0	0	<5
European	<5	<5	<5	<5
Māori	6	0	6	12
<b>Total</b>	<b>9</b>	<b>&lt;5</b>	<b>7</b>	<b>17</b>

## Hospital Admissions 2013-2017

### General

- In the Bay of Plenty DHB area, there were 2,137 (rate 924.5 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 428 children were admitted to hospital each year because of an unintentional injury.
- Age groups 0-4 and 5-9 were the most frequently injured (718 and 724 cases respectively).
- 87% 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	16	<5	8	25	1%
Other	76	63	65	204	8%
Self-inflicted	0	0	70	70	3%
Undetermined	<5	0	6	9	0%
Unintentional	718	724	695	2137	87%
<b>Total</b>	<b>813</b>	<b>788</b>	<b>844</b>	<b>2445</b>	<b>100%</b>

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	150	141	132	423	928.9
2014	154	157	155	466	1024.6
2015	140	129	125	394	858.9
2016	150	162	150	462	989.9
2017	124	135	133	392	823.5
<b>Total</b>	<b>718</b>	<b>724</b>	<b>695</b>	<b>2137</b>	

### Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	326	300	222	848	40%	729.1	0.7
Male	392	423	473	1288	60%	1024.9	1.0
Undisclosed	0	<5	0	<5	0%		
<b>Total</b>	<b>718</b>	<b>724</b>	<b>695</b>	<b>2137</b>	<b>100%</b>		

## Ethnicity

- Number of hospital admissions by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
Asian	<5	0	0	<5
European	<5	<5	<5	<5
Māori	6	0	6	12
<b>Total</b>	<b>9</b>	<b>&lt;5</b>	<b>7</b>	<b>17</b>

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total	Ave per/yr	Rate (per 100,000)	RR
Asian	29	20	18	67	13.4	556	0.8
European	312	365	343	1020	204	684	1.0
Māori	343	326	319	988	197.6	1234	1.8
Other	5	2	2	9	1.8	221	0.3
Pacific Island	29	11	13	53	10.6	503	0.7
<b>Total</b>	<b>718</b>	<b>724</b>	<b>695</b>	<b>2137</b>			

### Top 5 Leading Causes of Unintentional Injuries by Age

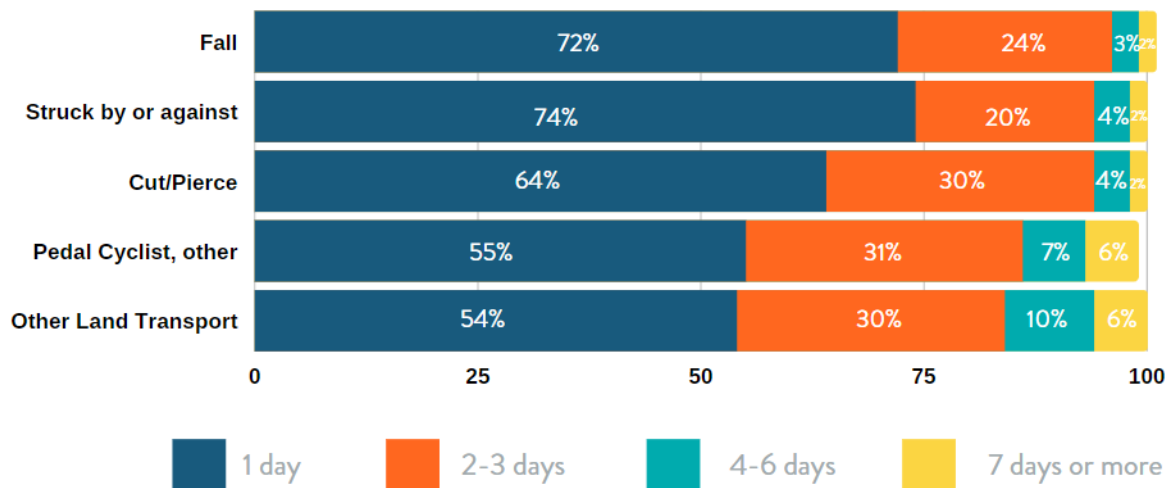
0-4 Years			
Cause	Number	%	Rank
Fall	280	39%	1
Poisoning	79	11%	2
Caught, crushed jammed or pinched in or between objects	61	9%	3
Struck by or against	61	9%	4
Hot object/substance	35	5%	5

5-9 Years			
Cause	Number	%	Rank
Fall	416	57%	1
Cut/Pierce	50	7%	2
Struck by or against	42	6%	3
Pedal Cyclist, other	35	5%	4
Natural/Env (less W54)	31	4%	5

10-14 Years			
Cause	Number	%	Rank
Fall	294	42%	1
Other Land Transport	69	10%	2
Struck by or against	68	10%	3
Pedal Cyclist, other	58	8%	4
Cut/Pierce	54	8%	5

Total (0-14 Years)			
Cause	Number	%	Rank
Fall	990	46%	1
Struck by or against	171	8%	2
Cut/Pierce	121	6%	3
Pedal Cyclist, other	108	5%	4
Other Land Transport	105	5%	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.

