

# ALL DHBS PROFILE



## Fatalities 2011-2015

### General

- In all the DHB areas combined, there were 314 preventable child fatalities between 2011 - 2015 (6.9 per 100,000 children).
- 81% 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	27	<5	<5	33	9%
Other	<5	0	<5	<5	1%
Self-inflicted	0	<5	33	34	9%
Undetermined	0	0	<5	<5	1%
Unintentional	215	43	56	314	81%
<b>Total</b>	<b>245</b>	<b>48</b>	<b>95</b>	<b>388</b>	<b>100%</b>

- Every year 63 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	51	<5	11	63
2012	34	11	15	60
2013	40	7	11	58
2014	52	11	8	71
2015	38	13	11	62
<b>Total</b>	<b>215</b>	<b>43</b>	<b>56</b>	<b>314</b>

### Gender

- 62% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	88	15	16	119	38%
Male	127	28	40	195	62%
<b>Total</b>	<b>215</b>	<b>43</b>	<b>56</b>	<b>314</b>	<b>100%</b>

### 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	29	<5	6	38
Fall	<5	0	<5	5
Fire/Flame	<5	<5	<5	5
Firearm	0	0	<5	<5
Machinery	<5	0	0	<5
Occupant	15	7	18	40
Pedal Cyclist	0	0	<5	<5
Pedestrian	<5	5	<5	11
Natural/Environmental	6	<5	<5	10

Natural/Environmental	0	<5	<5	10
Other Land Transport	<5	7	<5	14
Other Specified	<5	<5	<5	<5
Other Transport	0	5	<5	7
Pedal Cyclist, other	0	<5	<5	<5
Pedestrian, other	20	<5	<5	23
Poisoning	<5	<5	<5	6
Struck by or against	5	<5	<5	8
Suffocation	120	<5	<5	128
Unspecified	5	0	<5	6
<b>Total</b>	<b>215</b>	<b>43</b>	<b>56</b>	<b>314</b>

### Ethnicity

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
Asian	9	5	<5	16
European	60	18	25	103
Māori	105	16	25	146
Pacific Island	41	<5	<5	49
<b>Total</b>	<b>215</b>	<b>43</b>	<b>56</b>	<b>314</b>



## Hospital Admissions 2013-2017

### General

- In all the DHB areas combined, there were 36,513 (rate 795.7 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 7,303 children were admitted to hospital each year because of an unintentional injury.
- Age group 5-9 was most frequently injured.
- 86% 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	191	51	190	432	1%
Legal intervention/War	0	0	<5	<5	0%
Other	1826	1215	1096	4137	10%
Self-inflicted	0	<5	1087	1090	3%
Undetermined	69	37	91	197	0%
Unintentional	12494	12658	11361	36513	86%
<b>Total</b>	<b>14580</b>	<b>13964</b>	<b>13827</b>	<b>42371</b>	<b>100%</b>

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	2573	2425	2236	7234	796.0
2014	2463	2565	2260	7288	799.9

2015	2588	2530	2307	7425	<b>812.1</b>
2016	2536	2603	2245	7384	<b>801.6</b>
2017	2334	2535	2313	7182	<b>769.2</b>
<b>Total</b>	<b>12494</b>	<b>12658</b>	<b>11361</b>	<b>36513</b>	

## Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	5376	5612	3934	14922	41%	667.5	0.7
Male	7118	7045	7427	21590	59%	917.4	1.0
U	0	<5	0	<5	0%		
<b>Total</b>	<b>12494</b>	<b>12658</b>	<b>11361</b>	<b>36513</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	Ave per/yr	Rate (per 100,000)	RR
Asian	1069	946	600	2615	523	538.1	0.86
European	5479	6414	6316	18209	3641.8	624.5	1.00
Māori	3976	3620	2977	10573	2114.6	1045.2	1.67
Other	209	162	146	517	103.4	418.6	0.67
Pacific Island	1739	1484	1278	4501	900.2	853.1	1.37
Unknown	22	32	44	98	19.6		
<b>Total</b>	<b>187</b>	<b>12658</b>	<b>11361</b>	<b>36513</b>			

## Top 5 Leading Causes of Unintentional Injuries by Age

0-4 Years			
Cause	Number	%	Rank
Fall	5184	41%	1
Caught, crushed, jammed or pinched in or between objects	1243	10%	2
Poisoning	1079	9%	3
Hot object/substance	904	7%	4
Struck by or against	796	6%	5

5-9 Years			
Cause	Number	%	Rank
Fall	7725	61%	1
Struck by or against	779	6%	2
Cut/Pierce	748	6%	3
Caught, crushed, jammed or pinched in or between objects	544	4%	4
Pedal Cyclist, other	524	4%	5

10-14 Years			
Cause	Number	%	Rank
Fall	5250	46%	1
Struck by or against	1205	11%	2
Other Land Transport	864	8%	3
Cut/Pierce	807	7%	4
Pedal Cyclist, other	724	7%	5

0-14 Years			
Cause	Number	%	Rank
Fall	18159	50%	1
Struck by or against	2780	8%	2
Cut/Pierce	1983	5%	3
Caught, crushed, jammed or pinched in or between objects	1974	5%	4
Pedal Cyclist, other	1426	4%	5

