

# WAIKATO DHB PROFILE



## Fatalities 2011-2015

### General

- In the Waikato DHB area, there were 38 preventable child fatalities between 2011 - 2015 (rate: 9.3 per 100,000 children).
- 90% 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%
Undetermined	0	0	<5	<5	2%
Unintentional	28	<5	9	38	90%
<b>Total</b>	<b>31</b>	<b>&lt;5</b>	<b>10</b>	<b>42</b>	<b>100%</b>

- Every year 8 child dies of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	5	0	<5	8
2012	<5	<5	<5	9
2013	6	0	<5	7
2014	7	0	<5	8
2015	6	0	0	6
<b>Total</b>	<b>28</b>	<b>&lt;5</b>	<b>9</b>	<b>38</b>

### Gender

- 68% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	10	0	<5	12	32%
Male	18	<5	7	26	68%
<b>Total</b>	<b>28</b>	<b>&lt;5</b>	<b>9</b>	<b>38</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	5-9 Years	Total
Drowning	<5	0	<5	5
Fall	0	0	<5	<5
Fire/Hot object or substance	<5	0	0	<5
Motor Vehicle Traffic	<5	<5	<5	6
Natural/Environmental	0	0	<5	<5
Pedal Cyclist, other	0	0	<5	<5
Pedestrian, other	<5	0	<5	<5
Poisoning	<5	0	0	<5
Struck by or against	<5	0	0	<5
Suffocation	18	0	<5	19
<b>Total</b>	<b>28</b>	<b>&lt;5</b>	<b>9</b>	<b>38</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	11	<5	<5	15
Māori	15	0	5	20
Pacific Island	<5	0	<5	<5
<b>Total</b>	<b>28</b>	<b>&lt;5</b>	<b>9</b>	<b>38</b>



## Hospital Admissions 2013-2017

### General

- In the Waikato DHB area, there were 3,750 (rate 898.7 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 750 children were admitted to hospital each year because of an unintentional injury.
- Age group 5-9 was most frequently injured.
- 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	15	<5	17	35	1%
Other	190	139	98	427	10%
Self-inflicted	0	0	86	86	2%
Undetermined	7	<5	11	22	1%
Unintentional	1257	1285	1208	3750	87%
<b>Total</b>	<b>1469</b>	<b>1431</b>	<b>1420</b>	<b>4320</b>	<b>100%</b>

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	232	217	234	683	832.8
2014	249	252	241	742	901.9
2015	288	290	240	818	986.9
2016	246	259	233	738	876.8
2017	242	267	260	769	894.7
<b>Total</b>	<b>1257</b>	<b>1285</b>	<b>1208</b>	<b>3750</b>	

### Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	537	562	436	1535	41%	752.0	0.7
Male	720	723	772	2215	59%	1039.0	1.0
<b>Total</b>	<b>1257</b>	<b>1285</b>	<b>1208</b>	<b>3750</b>	<b>100%</b>		

## Ethnicity

• Number of fatalities 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	53	50	37	140	28	492.8	0.7
European	585	694	692	1971	394.2	729.5	1.0
Māori	537	464	399	1400	280	1103.5	1.5
Other	21	18	19	58	11.6	521.8	0.7
Pacific Island	54	54	43	151	30.2	574.6	0.8
Unknown	7	5	18	30			
<b>Total</b>	<b>1257</b>	<b>1285</b>	<b>316</b>	<b>3750</b>			

## Top 5 Leading Causes of Unintentional Injuries by Age

0-4 Years			
Cause	Number	%	Rank
Fall	481	39%	1
Caught, crushed, jammed or pinched in or between objects	135	11%	2
Hot object/substance	98	8%	3
Struck by or against	98	8%	4
Poisoning	70	6%	5

5-9 Years			
Cause	Number	%	Rank
Fall	732	57%	1
Struck by or against	89	7%	2
Cut/Pierce	81	6%	3
Pedal Cyclist, other	62	5%	4
Caught, crushed, jammed or pinched in or between objects	53	4%	5

10-14 Years			
Cause	Number	%	Rank
Fall	516	43%	1
Struck by or against	128	11%	2
Other Land Transport	119	10%	3
Cut/Pierce	94	8%	4
Overexertion	72	6%	5

0-14 Years			
Cause	Number	%	Rank
Fall	1729	46%	1
Struck by or against	315	8%	2
Cut/Pierce	231	6%	3
Caught, crushed, jammed or pinched in or between objects	209	6%	4
Other Land Transport	172	5%	5

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



