

NELSON MARLBOROUGH DHB PROFILE



Fatalities 2011-2015

General

- In the Nelson DHB area, there were 8 preventable child fatalities between 2011-2015 (rate: 6.0 per 100,000).
- 89% 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	0	<5	0	<5	11%
Unintentional	<5	<5	<5	8	89%
Total	<5	<5	<5	9	100%

- Every year 2 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	<5	0	0	<5
2012	0	<5	0	<5
2013	<5	<5	<5	<5
2014	<5	0	0	<5
Total	<5	<5	<5	8

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	<5	<5	<5	<5	50%
Male	<5	<5	0	<5	50%
Total	<5	<5	<5	8	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
Fire/Hot object or substance	0	<5	0	<5
Natural/Environmental	0	0	<5	<5
Other Land Transport	0	<5	0	<5
Struck by or against	0	<5	0	<5
Suffocation	<5	0	0	<5

Total	<5	<5	<5	8
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Ethnicity

- Number of fatalities by major ethnic group.

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

Hospital Admissions 2013-2017

General

- In the Nelson Marlborough DHB area, there were 787 (rate 587.9 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 158 children were admitted to hospital each year because of an unintentional injury.
- Age groups 10-14 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	<5	<5	<5	6	1%
Other	45	21	17	83	9%
Self-inflicted	0	0	25	25	3%
Undetermined	<5	0	<5	5	1%
Unintentional	258	251	278	787	87%
Total	308	273	325	906	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	58	51	48	157	581.9
2014	46	44	50	140	522.0
2015	54	40	64	158	593.5
2016	50	47	47	144	540.9
2017	50	69	69	188	700.7
Total	258	251	278	787	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	%	Rate (per 100,000)	RR
Female	104	112	85	301	38%	459.4	0.7
Male	154	139	193	486	62%	711.0	1.0
Total	258	251	278	787	100%		

Ethnicity

- Number of hospital admissions by major ethnic group.

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Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total	Ave per/yr	Rate	RR
Asian	9	11	<5	24	4.8	470.6	0.9
European	162	182	217	561	112.2	500.6	1.0
Maori	72	52	50	174	34.8	816.9	1.6
Other	<5	0	<5	<5	0.8	110.2	0.2
Pacific Island	12	6	6	24	4.8	542.4	1.1
Total	258	251	278	787			

Top 5 Leading Causes of Unintentional Injuries by Age

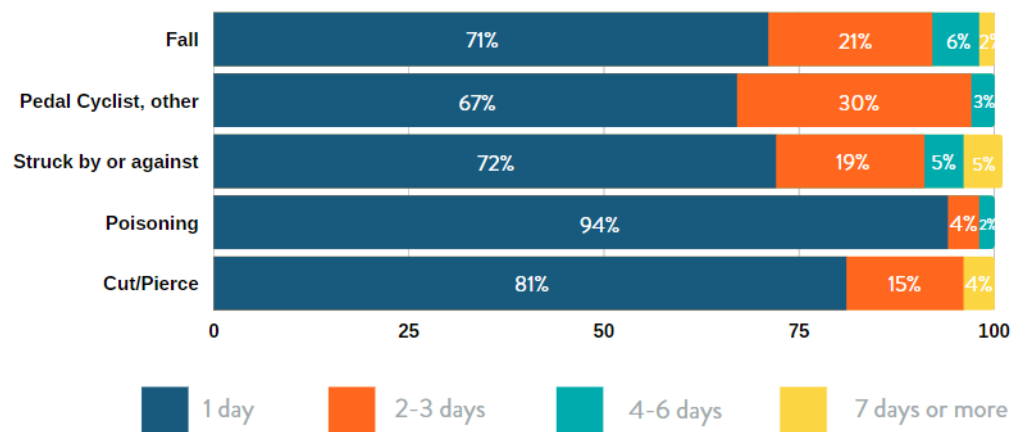
0-4 Years			
Cause	Number	%	Rank
Fall	122	47%	1
Poisoning	41	16%	2
Hot object/substance	17	7%	3
Struck by or against	13	5%	4
Cut/Pierce	8	3%	5

5-9 Years			
Cause	Number	%	Rank
Fall	155	62%	1
Pedal Cyclist, other	18	7%	2
Struck by or against	17	7%	3
Cut/Pierce	8	3%	4
Other Land Transport	8	3%	5

10-14 Years			
Cause	Number	%	Rank
Fall	117	42%	1
Pedal Cyclist, other	47	17%	2
Struck by or against	34	12%	3
Other Land Transport	17	6%	4
Overexertion	16	6%	5

0-14 Years			
Cause	Number	%	Rank
Fall	394	50%	1
Pedal Cyclist, other	66	8%	2
Struck by or against	64	8%	3
Poisoning	49	6%	4
Cut/Pierce	27	3%	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.

