CANTERBURY DHB PROFILE



Fatalities 2011-2015

General

• In the Canterbury DHB area, there were 28 preventable child fatalities between 2011-2015 (rate: 5.9 per 100,000).

• 88% were unintentional*. (* Unintentional injuries = where there is no intent of harm e.g. transport related injuries, drownings, burns and falls.)

Intent	5-9 Years	10-14 Years	Total	
Assault	<5	<5	<5	9%
Self-inflicted	0	<5	<5	3%
Unintentional	<5	7	28	88%
Total	<5	9	32	100%

• Every year 6 children die of an unintentional injury.

Registration Year	5-9 Years	10-14 Years	Total
2011	0	<5	9
2012	0	<5	<5
2014	0	<5	8
2015	<5	0	7
Total	<5	7	28

Note: No deaths in 2013.

Gender

• 54% of children that died of an unintentional injury are girls.

Gender	5-9 Years	10-14 Years	Total	
Female	<5	<5	15	54%
Male	<5	<5	13	46%
Total	<5	7	28	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

<5			
-0	0	<5	<5
<5	0	<5	5
<5	0	<5	<5
<5	0	0	<5
<5	0	0	<5
	<5 <5 <5	<5	<5 0 <5 <5

Other Transport	0	<5	0	<5
Pedestrian, other	<5	0	0	<5
Poisoning	<5	<5	<5	<5
Struck by or against	<5	0	0	<5
Suffocation	6	0	0	6
Unspecified	<5	0	0	<5
Total	18	<5	7	28

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	8	<5	5	15
Māori	<5	0	<5	6
Pacific Island	<5	<5	0	<5
Total	18	<5	7	28



Hospital Admissions 2013-2017

General

• In the Canterbury DHB area, there were 3,554 (rate 734.6 per 100,000) child injuries leading to hospital admissions between 2013-2017.

• On average, 711 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	15	<5	10	28	1%
Other	162	99	96	357	9%
Self-inflicted	0	0	94	94	2%
Undetermined	8	<5	15	26	1%
Unintentional	1203	1262	1089	3554	88%
Total	1388	1367	1304	4059	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	226	239	206	671	707.7
2014	219	242	229	690	721.8
2015	234	237	223	694	720.1
2016	277	304	222	803	822.4
2017	247	240	209	696	700.3
Total	1203	1262	1089	3554	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	% Rate RR
Female	493	575	386	1454	41% 615.4 0.7
Male	710	687	703	2100	59% 848.3 1.0
Total	1203	1262	1089	3554	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	74	72	47	193	38.6	539.5	0.8
European	826	951	865	2642	528.4	708.1	1.0
Maori	190	161	115	466	93.2	728.8	1.0
Other	20	19	9	48	9.6	352.8	0.5
Pacific Island	90	54	45	189	37.8	896.8	1.3
Unknown	<5	5	8	16			
Total	1203	1262	1089	3554			

Top 5 Leading Causes of Unintentional Injuries by Age

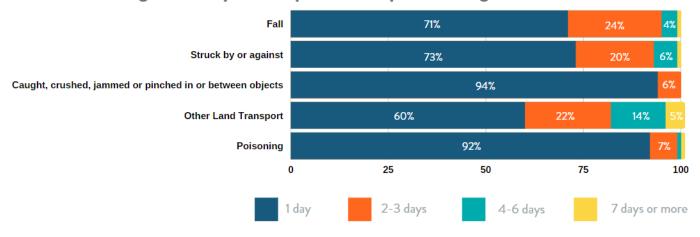
0-4 Years						
Cause	Number	%	Rank			
Fall	523	43%	1			
Poisoning	123	10%	2			
Caught, crushed, jammed or pinched in or between objects	117	10%	3			
Hot object/substance	90	7%	4			
Other Specified (less W23)	62	5%	5			

10-14 Years			
Cause	Number	%	Rank
Fall	534	49%	1
Other Land Transport	106	10%	2
Struck by or against	101	9%	3
Pedal Cyclist, other	58	5%	4
Overexertion	54	5%	5

5-9 Years											
Cause	Number	%	Rank								
Fall	807	64%	1								
Struck by or against	88	7%	2								
Caught, crushed, jammed or pinched in or between objects	66	5%	3								
Pedal Cyclist, other	49	4%	4								
Cut/Pierce	39	3%	5								

0-14 Years											
Cause	Number	%	Rank								
Fall	1864	52%	1								
Struck by or against	251	7%	2								
Caught, crushed, jammed or pinched in or between objects	201	6%	3								
Other Land Transport	148	4%	4								
Poisoning	147	4%	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.

External Cause by Leading Injuries Sustained

Rank	Fall		Struck by or ag	ainst	Caught, crushe jammed or pinch or between obje	Other Lan Transport		Poisoning			
1	Fracture of forearm	31% Open wound of head 14		14%	Open wound of wrist, hand and fingers	43%	Fracture of forearm	17%	Poisoning by adverse effect of and underdosing of nonopioid anlgesics, antipyretics and antirheumatics	18%	
2	Fracture of shoulder and upper arm	21%	Intracranial injury	11%	Fracture at wrist and hand level	20%	Intracranial injury	13%	Poisoning by adverse effect of and underdosing of antiepileptic, sedative- hypnotic and antiparkinsonism drugs	12%	
3	Fracture of lower leg, including ankle	10%	Fracture of lower leg, including ankle Other and unspecified injuries of head	9%	Traumatic amputation of wrist, hand and fingers	18%	Fracture of lower leg, including ankle Fracture of shoulder and upper arm	13%	Poisoning by adverse effect of and underdosing of agents primarily affecting the cardiovascular system	10%	

Common Place of Injury All DHB's

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	Areas	Auchio	nd Bayof	Cantert	Capital	S Countie	Hand	s b. Huft	Lakes	wid cer	tra. Nelson	Warth Worthis	South South	Souther Souther	n Tairawi	Taranak	Walkat	Waitara	pa Waiten	Nest C	whang	Grand To			
Home	21%	42%	40%	34%	32%	35%	36%	31%	38%	26%	41%	39%	40%	38%	38%	38%	29%	40%	39%	42%	40%	36%			
School, other institutions	7%	17%	16%	17%	19%	16%	15%	20%	17%	13%	15%	14%	19%	14%	13%	14%	13%	17%	16%	16%	13%	16%			
Sports & athletics arenas	14%	11%	8%	9%	9%	6%	9%	7%	10%	7%	12%	6%	13%	12%	9%	11%	9%	14%	12%	10%	13%	9%			
Street & highway	10%	5%	6%	4%	4%	5%	5%	4%	6%	5%	5%	7%	6%	6%	8%	6%	5%	5%	6%	6%	7%	6%			
Farm	1%	0%	2%	1%	0%	0%	2%	1%	2%	2%	2%	2%	2%	3%	1%	3%	2%	4%	1%	1%	4%	1%			
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%			
Residential institution	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%			
Industrial & construction	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%			
Other specified place of ?	19%	8%	9%	7%	10%	6%	7%	7%	9%	5%	11%	8%	7%	8%	8%	5%	7%	6%	9%	4%	8%	8%			
Unspecified place of ?	21%	14%	18%	28%	25%	30%	25%	29%	17%	40%	14%	24%	12%	18%	21%	22%	34%	14%	16%	19%	15%	24%			
Grand Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%			