SOUTH CANTERBURY DHB PROFILE



Fatalities 2011-2015

General

- In the South Canterbury DHB area, there were less than 5 preventable child fatalities between 2011 2015 (rate: * not calculated for fewer than 5 events).
- 80% 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
Other	0	0	<5	<5 20%
Unintentional	<5	<5	<5	<5 80%
Total	<5	<5	<5	5 100%

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2012	0	<5	0	<5
2013	<5	0	0	<5
2015	0	<5	<5	<5
Total	<5	<5	<5	<5

Gender

• 75% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	0	<5	0	<5	25%
Male	<5	<5	<5	<5	75%
Total	<5	<5	<5	<5	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
Fall	0	0	<5	<5
Fire/Hot object or substance	0	<5	0	<5
Motor Vehicle Traffic	<5	0	0	<5
Other Land Transport	0	<5	0	<5
Total	<5	<5	<5	<5

Ethnicity

• Number of fatalities by major ethnic group.

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



Hospital Admissions 2013-2017

Genera

- In the South Canterbury DHB area, there were 302 (rate 568.2 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 61 children were admitted to hospital each year because of an unintentional injury.
- Age group 10-14 was the 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	ears Total	
Assault	<5	0	<5	<5	1%
Other	19	5	7	31	9%
Self-inflicted	0	0	11	11	3%
Undetermined	0	<5	<5	<5	1%
Unintentional	104	95	103	302	86%
Total	125	101	125	351	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	19	12	21	52	491.0
2014	21	20	25	66	620.9
2015	19	26	8	53	499.5
2016	22	20	25	67	629.1
2017	23	17	24	64	599.8
Total	104	95	103	302	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	% Rate RR (per 100,000)
Female	41	36	27	104	34% 409.1 0.6
Male	63	59	76	198	66% 714.0 1.0
Total	104	95	103	302	100%

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	<5	<5	<5	7	1.4	444.4	0.8
European	82	83	84	249	49.8	558.7	1.0
Māori	14	8	13	35	7	494.4	0.9
Other	<5	0	<5	<5	0.4	137.5	0.3
Pacific Island	6	<5	<5	9	1.8	810.8	1.5
Total	104	95	103	302			

Top 5 Leading Causes of Unintentional Injuries by Age

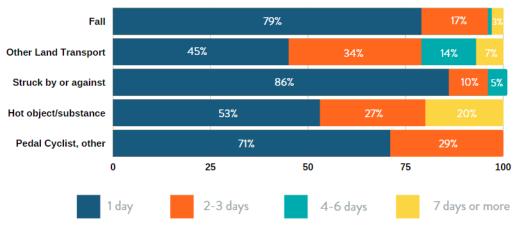
0-4 Years					
Cause	Number	%	Rank		
Fall	39	38%	1		
Hot object/substance	14	13%	2		
Poisoning	13	13%	3		
Struck by or against	6	8%	4		
Suffocation	4	4%	5		

5-9 Years					
Cause	Number	%	Rank		
Fall	63	66%	1		
Struck by or against	8	8%	2		
Other Land Transport	7	7%	3		
Cut/Pierce	4	4%	4		
Pedal Cyclist, other	4	4%	5		

10-14 Years						
Cause	Number	%	Rank			
Fall	48	47%	1			
Other Land Transport	22	21%	2			
Pedal Cyclist, other	10	10%	3			
Struck by or against	7	7%	4			
Caught, crushed, jammed or pinched in or between objects	3	3%	5			

0-14 Years										
Cause	Number	%	Rank							
Fall	150	50%	1							
Other Land Transport	29	10%	2							
Struck by or against	21	7%	3							
Hot object/substance	15	5%	4							
Pedal Cyclist, other	14	5%	5							

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



External Cause by Top 5 Leading Injuries Sustained

Rank	Fall		Other Land Transport		Struck by or aga	inst	Hot object/substa	Pedal Cyclist, other		
1	Fracture of forearm	39%	Fracture of lower leg, including ankle		Fracture of forearm	Fracture of forearm 14%		40%	Fracture of forearm	21%
2	Intracranial injury	12%	Fracture of forearm	14%	Fracture of lower leg, including ankle	10%	Burn and corrosion of trunk	27%	Fracture of shoulder and upper arm	14%
3	Fracture of shoulder and upper arm	10%	Fracture of shoulder and upper arm	10%	Fracture of shoulder and upper arm Open wound of abdomen, lower back, pelvis and external genitals Open wound of head Open wound of knee and lower leg Other and unspecified injuries of thorax Injury of muscle, fascia and tendon at hip and thigh level Dislocation and sprain of joints and ligaments of knee Fracture of foot and toe, except ankle	5%	Burn and corrosion of head, face, and neck	20%	Fracture of lower leg, including ankle Fracture of skull and facial bones Other and unspecified injuries of head Superficial injury of head Open wound of abdomen, lower back, pelvis and external genitals Fracture of rib(s), sternum and thoracic spine Fracture of rib(s), sternum and thoracic spine Dislocation and sprain of joints and ligaments at wrist and hand level Open wound of hip and thigh Dislocation and sprain of joint and ligaments of hip	7%

 $\textbf{Note} : \mathsf{Pedal}\ \mathsf{Cyclist}, \ \mathsf{other}\ \textbf{-}\ \mathsf{Pedal}\ \mathsf{cycle}\ \mathsf{injuries}\ \underline{\mathsf{not}}\ \mathsf{involved}\ \mathsf{in}\ \mathsf{a}\ \mathsf{motor}\ \mathsf{vehicle}\ \mathsf{traffic}\ \mathsf{crash}.$

Common Place of Injury All DHB's

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	Areas	Auchie	REN OF S	Jents Canter	Capital	Countie	S Want	Hutt	Lakes	MidCe	Helson	Marte Hortri	South South	Can't Souther	r Tairani	iti Taranak	Walket	Waitar	yaiten	Mest Co	Dast Whang	Sprui 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%		