WAITEMATA DHB PROFILE



Fatalities 2011-2015

General

- In the Waitemata DHB area, there were 27 preventable child fatalities between 2011 2015 (4.8 per 100,000 children).
- 87% 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	<5	0	0	<5	3%
Self-inflicted	0	<5	<5	<5	10%
Unintentional	18	5	<5	27	87%
Total	19	6	6	31	100%

• Every year 6 children die of an unintentional injury.

Registration Year	0-4 Years	5-9 Years	10-14 Years	Total
2011	<5	0	<5	5
2012	<5	0	<5	<5
2013	<5	<5	<5	6
2014	8	<5	<5	10
2015	<5	<5	0	<5
Total	18	5	<5	27

Gender

• 59% of children that died of an unintentional injury are boys.

Gender	0-4 Years	5-9 Years	10-14 Years	Total	
Female	9	<5	<5	11	41%
Male	9	<5	<5	16	59%
Total	18	5	4	27	100%

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	<5	<5	<5	<5
Fall	<5	0	0	<5
Motor Vehicle Traffic	<5	<5	<5	10
Other Transport	0	<5	0	<5
Pedestrian, other	5	0	0	5
Suffocation	<5	0	0	<5
Unspecified	<5	0	0	<5
Total	18	5	<5	27

Ethnicity

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total
Asian	<5	<5	0	<5
European	8	<5	<5	12
Māori	7	<5	<5	10
Pacific Island	<5	0	0	<5
Total	18	5	<5	27



Hospital Admissions 2013-2017

General

- In the Waitemata DHB area, there were 4,006 (rate 695.3 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 801 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	13	<5	15	29	1%
Other	240	154	135	529	11%
Self-inflicted	0	0	107	107	2%
Undetermined	<5	<5	5	10	0%
Unintentional	1300	1462	1244	4006	86%
Total	1555	1620	1506	4681	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	Rate (per 100,000)
2013	227	271	229	727	642.6
2014	252	287	229	768	675.5
2015	304	288	249	841	732.8
2016	264	325	257	846	728.7
2017	253	291	280	824	695.5
Total	1300	1462	1244	4006	

Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	% Rate RR (per 100,000)
Female	562	688	455	1705	43% 609.7 0.8
Male	738	774	789	2301	57% 776.0 1.0
Total	1300	1462	1244	4006	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	223	207	114	544	108.8	564.7	1.0
European	570	763	703	2036	407.2	561.6	1.0
Māori	301	280	242	823	164.6	1032.5	1.8
Other	26	24	22	72	14.4	379.4	0.7
Pacific Island	180	187	160	527	105.4	748.5	1.3
Unknown	0	<5	<5	<5	0.8		
Total	1300	1462	1244	4006			

Top 5 Leading Causes of Unintentional Injuries by Age

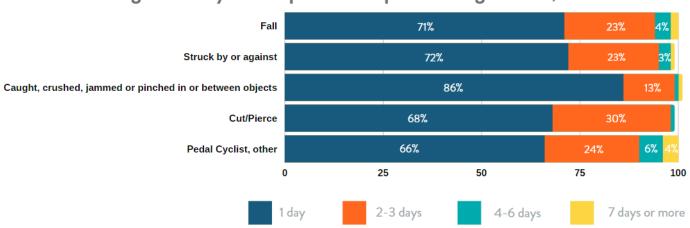
0-4 Years						
Cause	Number	%	Rank			
Fall	582	44%	1			
Caught, crushed, jammed or pinched in or between objects	144	11%	2			
Poisoning	89	7%	3			
Struck by or against	74	6%	4			
Hot object/substance	72	6%	5			

5-9 Years			
Cause	Number	%	Rank
Fall	918	63%	1
Caught, crushed, jammed or pinched in or between objects	85	6%	2
Cut/Pierce	83	6%	3
Struck by or against	77	5%	4
Pedal Cyclist, other	57	4%	5

10-14 Years						
Cause	Number	%	Rank			
Fall	617	50%	1			
Struck by or against	135	11%	2			
Cut/Pierce	87	7%	3			
Overexertion	76	6%	4			
Pedal Cyclist, other	63	5%	5			

0-14 Years											
Cause	Number	%	Rank								
Fall	2117	53%	1								
Struck by or against	286	7%	2								
Caught, crushed, jammed or pinched in or between objects	256	6%	3								
Cut/Pierce	218	5%	4								
Pedal Cyclist, other	139	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 Top 3 Leading Injuries Sustained

Rank	Fall	Struck by or against	Caught, crushed jammed or pinched in or between objects	Cut/Pierce	Other Land Transport
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1	Fracture of forearm	28%	Open wound of head	15%	Open wound of wrist, hand and fingers	39%	Open wound of ankle, foot and toes	30%	Fracture of forearm	21%
2	Fracture of shoulder and upper arm	25%	Open wound of head Fracture at wrist and hand level	7%	Fracture at wrist and hand level	28%	Open wound of wrist, hand and fingers	14%	Fracture of shoulder and upper arm	9%
3	Fracture of lower leg, including ankle	8%	Fracture of lower leg, including ankle	7%	Traumatic amputation of wrist, hand and fingers		Injury of muscle, fascia and tendon at wrist and hand level	8%	Open wound of abdomen, lower back, pelvis and external genitals	7%

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

Common Place of Injury All DHB's

	Areas C	utside	, s	nenty	w ⁴	& Countie	S Manukau	S Bay			arai	Mariborough	nd .	Zanterbury Souther	٠.	iri			s ^a .	ato	ast	anui .
	Areas	Auchier	d Beyof	plents Canter	Capita	Countie	S Marut	Hutt	Lakes	Mid Ce	Helson	Martin Mortri	South	jant Souther	r. Tairawi	Taranay	Walkat	Waiter	Adites	ata West C	Jast Whard	Servi Grand
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%