## **WAIRARAPA DHB** PROFILE



## **Fatalities 2011-2015**

#### **General**

- In the Wairarapa DHB area, there were less than 5 preventable child fatalities between 2011 2015 (rate: not calculated for fewer than 5 events).
- 50% were unintentional\*. (\* Unintentional injuries = where there is no intent of harm e.g. transport related injuries, drownings, burns and falls.)

Intent	10-14 Years	Total	
Self-inflicted	<5	<5	50%
Unintentional	<5	<5	50%
Total	<5	<5	100%

• Every year less than 5 children die of an unintentional injury.

Registration Year	10-14 Years	Total
2012	<5	<5
Total	<5	<5

#### Gender

• 100% of children that died of an unintentional injury are boys.

Gender	10-14 Years	Total	
Male	<5	<5	100%
Total	<5	<5	100%

#### Causes

Cause_Major	10-14 Years	Total
Other Land Transport	<5	<5
Total	<5	<5

#### **Ethnicity**

• Number of fatalities by major ethnic group.

Ethnic Group	nic Group 10-14 Years	
European	<5	<5
Total	<5	<5



# Hospital Admissions 2013-2017

#### General

- In the Wairarapa DHB area, there were 414 (rate 986.2 per 100,000) child injuries leading to hospital admissions between 2013-2017.
- On average, 83 children were admitted to hospital each year because of an unintentional injury.
- Age group 10-14 was most frequently injured.
- 89% 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	8	2%
Other	9	10	5	24	5%
Self-inflicted	0	0	15	15	3%
Undetermined	<5	0	<5	<5	1%
Unintentional	121	142	151	414	89%
Total	135	153	176	464	100%

Discharge Year	0-4 Years	5-9 Years	10-14 Years	Total	<b>Rate</b> (per 100,000)
2013	12	35	22	69	817.5
2014	23	25	19	67	797.6
2015	25	37	34	96	1,151.1
2016	22	17	37	76	906.9
2017	39	28	39	106	1,258.9
Total	121	142	151	414	

#### Gender

Gender	0-4 Years	5-9 Years	10-14 Years	Total	% Rate RR (per 100,000)
Female	50	60	55	165	40% 805.7 0.7
Male	71	82	96	249	60% 1,158.1 1.0
Total	121	142	151	414	100%

#### **Ethnicity**

• Number of fatalities by major ethnic group.

Ethnic Group	0-4 Years	5-9 Years	10-14 Years	Total	Ave per/yr	<b>Rate</b> (per 100,000)	RR
Asian	<5	<5	0	<5	0.8	416.7	0.6
European	73	79	103	255	51	743.3	1.0
Māori	43	52	38	133	26.6	1,198.2	1.6
Other	<5	0	<5	<5	0.4	246.9	0.3
Pacific Island	<5	7	9	19	3.8	844.4	1.1
Unknown	0	<5	0	<5			
Total	121	142	151	414			

#### **Top 5 Leading Causes of Unintentional Injuries by Age**

0-4 Years					
Cause	Number	%	Rank		
Fall	56	46%	1		
Poisoning	16	13%	2		
Struck by or against	9	7%	3		
Cut/Pierce	6	5%	4		
Caught, crushed, jammed or pinched in or between objects	5	4%	5		

5-9 Years			
Cause	Number	%	Rank
Fall	88	62%	1
Struck by or against	15	11%	2
Cut/Pierce	7	5%	3
Natural/Env (less W54)	5	4%	4
Other Land Transport	4	3%	5

10-14 Years					
Cause	Number	%	Rank		
Fall	71	47%	1		
Other Land Transport	21	14%	2		
Struck by or against	14	9%	3		
Cut/Pierce	9	6%	4		
Occupant	5	3%	5		

0-14 Years											
Cause	Number	%	Rank								
Fall	215	52%	1								
Struck by or against	38	9%	2								
Other Land Transport	26	6%	3								
Cut/Pierce	22	5%	4								
Poisoning	19	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	Struck by or against	Other Land Transport	Cut/Pierce	Poisoning
					Poisoning by, adverse

1	Fracture of forearm	31%	Fracture of lower leg, including ankle  Other and unspecified injuries of head		Fracture of lower leg, including ankle	19%	Open wound of ankle, foot and toes	32%	ettect of and underdosing of antiepileptic, sedative-hypnotic and antiparkinsonism drugs	26%
2	Fracture of shoulder and upper arm	17%	Dislocation and sprain of joints and ligaments at ankle, foot and toe level  Open wound of abdomen, lower back, pelvis and external genitals	8%	Fracture of femur	12%	Traumatic amputation of wrist, hand and fingers	9% 9% 9%	Poisoning by, adverse effect of and underdosing of nonopioid analgesics, antipyretics and antirheumatics	21%
3	Intracranial injury	10%	Intracranial injury Open wound of head Fracture of skull and facial bones Open wound of knee and lower leg Superficial injury of ankle, foot and toes	5% 5% 5% 5%	Other and unspecified injuries of head	8% 8% 8%	Open wound of knee and lower leg Open wound of head Fracture at wrist and hand level Open wound of hip and thigh Injury of blood vessels at forearm level Injury of nerves at wrist and hand level Injury of muscle and tendon at ankle and foot level Other injuries of spine and trunk, level unspecified Other injuries of upper limb, level unspecified	5% 5% 5% 5% 5% 5%	Poisoning by, adverse effect of and underdosing of diuretics and other and unspecified drugs, medicaments and biological substances	11%

### **Common Place of Injury All DHB's**

		reide		attl		Coast	Manukau	res				Mariborougi		*erbury								
	Areas C	Jutes Auchie	nd Bayof	plenty Canter	Capital	Countie	Hanu Hanke	S B. Huft	Lakes	wid Ce	Helson	Marth Horth	south South	Souther Souther	r Tairant	iti Tarana	Najkati	Waitar	A Waiter	ata West C	Dast Whard	ganui Gran
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 institution and public administrative area	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 area	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 occurrence	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 occurrence	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%