

SUPPLEMENTARY MATERIAL

Table 1: Crude incidence rate per 100,000 population (95% confidence intervals).

	<1 year (n=538)	1-5 years (n=538)	6-10 years (n=325)	11-15 years (n=638)
2006	29.6 (20.2, 42.8)	10.3 (4.8, 18.4)	8.5 (4.1, 17.1)	16.3 (9.1, 26.0)
2007	14.7 (8.4, 24.7)	10.4 (4.8, 18.4)	11.7 (6.2, 21.0)	17.5 (9.9, 27.2)
2008	20.1 (12.2, 30.9)	11.6 (6.2, 21.0)	12.5 (6.9, 22.2)	16.3 (9.1, 26.0)
2009	14.2 (7.7, 23.5)	10.4 (4.8, 18.4)	10.6 (5.5, 19.7)	20.2 (12.2, 30.9)
2010	12.0 (7.7, 23.5)	10.2 (4.8, 18.4)	7.7 (3.5, 15.8)	22.4 (13.8, 33.3)
2011	12.8 (6.9, 22.2)	12.0 (6.2, 21.0)	7.8 (3.5, 15.8)	15.5 (8.4, 24.7)
2012	12.0 (6.2, 21.0)	6.7 (2.8, 14.4)	8.5 (4.1, 17.1)	17.2 (9.9, 27.2)
2013	19.5 (12.2, 30.9)	8.1 (3.5, 15.8)	6.3 (2.2, 13.1)	14.7 (8.4, 24.7)
2014	9.1 (4.1, 17.1)	11.3 (5.5, 19.7)	6.7 (2.8, 14.4)	15.5 (8.4, 24.7)
2015	25.7 (17.0, 38.1)	9.5 (4.8, 18.4)	10.9 (5.5, 19.7)	20.0 (12.2, 30.9)
2016	23.1 (14.6, 34.5)	12.6 (6.9, 22.2)	5.6 (2.2, 13.1)	15.5 (8.4, 24.7)

Table 2: Temporal trends in the profile of paediatric major trauma between 2006 and 2016

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	P-value
Number	132 (8.8%)	138 (9.2%)	147 (9.7%)	147 (9.7%)	144 (9.6%)	128 (8.5%)	119 (7.9%)	118 (7.7%)	128 (8.4%)	166 (11.0%)	144 (9.5%)	
Sex												0.620
Male	92 (69.7%)	86 (62.3%)	104 (70.8%)	98 (66.7%)	101 (70.1%)	83 (64.8%)	82 (68.9%)	82 (69.5%)	83 (64.8%)	123 (74.1%)	93 (64.6%)	
Female	40 (30.3%)	52 (37.7%)	43 (29.3%)	49 (33.3%)	43 (29.9%)	45 (35.2%)	37 (31.1%)	36 (30.5%)	45 (35.2%)	43 (25.9%)	51 (35.4%)	
Trauma type												0.157
Blunt	110 (83.3%)	114 (82.6%)	133 (90.5%)	133 (90.5%)	122 (84.7%)	110 (85.9%)	105 (88.2%)	105 (89.0%)	116 (90.6%)	143 (86.1%)	130 (90.3%)	
Penetrating	#	#	#	#	#	#	#	#	#	8 (4.8%)	#	
Burn	8 (6.1%)	9 (6.5%)	6 (4.1%)	6 (4.1%)	7 (4.9%)	11 (8.6%)	5 (4.2%)	9 (7.6%)	6 (4.7%)	5 (3.0%)	#	
Other	10 (7.6%)	10 (7.3%)	6 (4.1%)	5 (3.4%)	14 (9.7%)	#	6 (5.0%)	#	#	10 (6.0%)	8 (5.6%)	
Mechanism of injury												0.004
Motor vehicle	21 (15.9%)	17 (12.3%)	19 (12.9%)	23 (15.7%)	25 (17.4%)	29 (22.7%)	17 (14.3%)	12 (10.2%)	21 (16.4%)	25 (15.1%)	18 (12.5%)	
Motorcycle	7 (5.3%)	16 (11.6%)	17 (11.6%)	10 (6.8%)	16 (11.1%)	8 (6.3%)	15 (12.6%)	15 (12.7%)	9 (7.0%)	12 (7.2%)	6 (4.2%)	
Pedal cyclist	17 (12.9%)	23 (16.7%)	19 (12.9%)	15 (10.2%)	11 (7.6%)	7 (5.5%)	5 (4.2%)	12 (10.2%)	8 (6.3%)	18 (10.8%)	9 (6.3%)	
Pedestrian	14 (10.6%)	10 (7.3%)	12 (8.2%)	18 (12.2%)	10 (6.9%)	16 (12.5%)	9 (7.6%)	13 (11.0%)	17 (13.3%)	17 (10.2%)	12 (8.3%)	
Low fall	9 (6.8%)	18 (13.0%)	23 (15.7%)	15 (10.2%)	14 (9.7%)	13 (10.2%)	21 (17.7%)	21 (17.8%)	17 (13.3%)	18 (10.8%)	23 (16.0%)	
High fall	12 (9.1%)	7 (5.1%)	20 (13.6%)	22 (15.0%)	15 (10.4%)	10 (7.8%)	12 (10.1%)	9 (7.6%)	11 (8.6%)	15 (9.1%)	18 (12.5%)	

Struck by/collision with object or person	25 (18.9%)	16 (11.6%)	13 (8.8%)	16 (10.9%)	24 (16.7%)	15 (11.7%)	15 (12.6%)	11 (9.3%)	20 (15.6%)	25 (15.1%)	25 (17.4%)
Horse-related	#	#	#	#	5 (3.5%)	7 (5.5%)	5 (4.2%)	6 (5.1%)	5 (3.9%)	5 (3.0%)	8 (5.6%)
Burns, scalds	8 (6.1%)	9 (6.5%)	5 (23.4%)	6 (4.1%)	7 (4.9%)	10 (7.8%)	5 (4.2%)	7 (5.9%)	6 (2.4%)	#	#
Submersion or drowning	6 (4.6%)	6 (4.4%)	5 (3.4%)	#	12 (8.3%)	#	5 (4.2%)	#	#	#	8 (5.6%)
Other	#	#	11 (7.5%)	12 (8.2%)	#	7 (5.5%)	7 (5.9%)	8 (6.8%)	9 (7.0%)	14 (8.4%)	14 (9.7%)
<i>Intent of injury</i>											0.467
Unintentional	116 (87.9%)	129 (93.5%)	136 (92.5%)	137 (93.2%)	136 (94.4%)	121 (94.5%)	109 (91.6%)	102 (86.4%)	115 (89.8%)	144 (86.8%)	128 (88.9%)
Intentional self-harm	#	#	#	#	#	#	#	#	#	#	#
Non accidental injury	12 (9.1%)	6 (4.4%)	#	5 (3.4%)	6 (4.2%)	#	5 (4.2%)	10 (8.5%)	10 (7.8%)	11 (6.6%)	10 (6.9%)
Intent cannot be determined	#	#	#	#	#	#	#	#	#	7 (4.2%)	5 (3.5%)

Missing: a) n=1. # reflects cell counts <5.