

Table – Trends in child RTI in Northumbria by quintiles of Townsend Deprivation Score, 1988-2003

		All accidents	Most affluent 1	Quintiles of Townsend Deprivation Score				p-value for trend
				2	3	4	Most deprived 5	
Boys: pedestrians								
July 1988- June 1993	Rate per 1000 person years	2.97	1.46	2.20	2.86	3.43	4.67	
(n=1810)	Odds ratio (95% CI)		1.00	1.50 (1.24 to 1.82)	1.96 (1.64 to 2.34)	2.35 (1.98 to 2.79)	3.20 (2.72 to 3.76)	<0.001
July 1993- June 1998	Rate per 1000 person years	2.20	1.05	1.66	2.18	2.69	3.69	
(n=1388)	Odds ratio (95% CI)		1.00	1.58 (1.26 to 1.97)	2.07 (1.68 to 2.55)	2.56 (2.10 to 3.13)	3.51 (2.91 to 4.24)	<0.001
July 1998- June 2003	Rate per 1000 person years	1.72	0.85	1.35	1.84	2.26	2.27	
(n=1043)	Odds ratio (95% CI)		1.00	1.60 (1.25 to 2.05)	2.18 (1.73 to 2.74)	2.67 (2.14 to 3.33)	2.69 (2.17 to 3.34)	<0.001
Boys: vehicle passengers								
July 1988- June 1993	Rate per 1000 person years	0.55	0.55	0.58	0.55	0.53	0.54	
(n=671)	Odds ratio (95% CI)		1.00	1.05 (0.82 to 1.34)	1.00 (0.79 to 1.27)	0.96 (0.75 to 1.22)	0.99 (0.79 to 1.25)	0.974
July 1993- June 1998	Rate per 1000 person years	0.49	0.46	0.51	0.48	0.46	0.52	
(n=588)	Odds ratio (95% CI)		1.00	1.11 (0.86 to 1.44)	1.06 (0.81 to 1.37)	1.01 (0.78 to 1.31)	1.13 (0.89 to 1.44)	0.835
July 1998- June 2003	Rate per 1000 person years	0.44	0.36	0.45	0.51	0.46	0.45	
(n=535)	Odds ratio (95% CI)		1.00	1.23 (0.92 to 1.64)	1.39 (1.06 to 1.83)	1.26 (0.96 to 1.67)	1.24 (0.95 to 1.62)	0.189
Girls: pedestrians								
July 1988- June 1993	Rate per 1000 person years	1.86	0.79	1.55	1.79	2.10	2.93	
(n=1079)	Odds ratio (95% CI)		1.00	1.96 (1.52 to 2.53)	2.26 (1.77 to 2.88)	2.65 (2.10 to 3.36)	3.71 (2.97 to 4.62)	<0.001
July 1993- June 1998	Rate per 1000 person years	1.51	0.82	1.22	1.49	1.83	2.09	
(n=873)	Odds ratio (95% CI)		1.00	1.50 (1.15 to 1.95)	1.83 (1.42 to 2.34)	2.25 (1.77 to 2.91)	2.56 (2.04 to 3.24)	<0.001

Inequalities in road traffic injuries

	CI)			to 1.95)	to 2.34)	to 2.85)	to 3.22)	
July 1998- June 2003	Rate per 1000 person years	1.12	0.57	0.90	1.30	1.46	1.36	
(n=647)	Odds ratio (95% CI)		1.00	1.59 (1.16 to 2.17)	2.29 (1.72 to 3.05)	2.57 (1.95 to 3.41)	2.40 (1.82 to 3.16)	<0.001
Girls: vehicle passengers								
July 1988- June 1993	Rate per 1000 person years	0.57	0.63	0.74	0.63	0.45	0.43	
(n=658)	Odds ratio (95% CI)		1.00	1.16 (0.93 to 1.46)	1.00 (0.79 to 1.26)	0.72 (0.56 to 0.92)	0.67 (0.53 to 0.86)	<0.001
July 1993- June 1998	Rate per 1000 person years	0.55	0.59	0.58	0.62	0.50	0.48	
(n=640)	Odds ratio (95% CI)		1.00	0.98 (0.76 to 1.25)	1.05 (0.83 to 1.33)	0.84 (0.66 to 1.08)	0.84 0.66 to 1.06)	0.243
July 1998- June 2003	Rate per 1000 person years	0.53	0.48	0.50	0.57	0.52	0.55	
(n=610)	Odds ratio (95% CI)		1.00	1.04 (0.80 to 1.36)	1.18 (0.92 to 1.52)	1.07 (0.83 to 1.38)	1.13 (0.89 to 1.44)	0.706