



Appendix 2

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix to: Cresp R, Clarke K, McAuley KE, et al. Effectiveness of the Koorliny Moort out-of-hospital health care program for Aboriginal and Torres Strait Islander children in Western Australia. *Med J Aust* 2016; 204: 197. doi: 10.5694/mja15.00827.

Appendix 2: Incidence of occasions of service pre- and post-Koorliny Moort program, 1 Aug 2012 – 31 May 2014

	Pre-Koorliny Moort program				Post-Koorliny Moort program				Unadjusted IRR	
	Events	Program days	Event incidence rate (per 1000 person days)	Mean events (SD)	Events	Program days	Event incidence rate (per 1000 person days)	Mean events (SD)	IRR (95% CI)	<i>P</i>
Emergency department presentations										
Total	1077	549 806	1.96	1.14 (2.19)	412	422 367	0.98	0.44 (1.26)	0.47 (0.43–0.53)	< 0.001
Metropolitan	849	316 212	2.68	1.58 (2.63)	336	228 904	1.47	0.63 (1.55)	0.50 (0.44–0.58)	< 0.001
Non-metropolitan	228	233 594	0.98	0.56 (1.20)	76	193 463	0.39	0.19 (0.63)	0.40 (0.30–0.53)	< 0.001
Children < 5 years	666	227 876	2.92	1.33 (2.59)	301	225 153	1.34	0.60 (1.50)	0.45 (0.39–0.51)	< 0.001
Children ≥ 5 years	411	321 930	1.28	0.93 (1.61)	111	197 214	0.56	0.25 (0.88)	0.45 (0.36–0.56)	< 0.001
Primary care referral	488	260 486	1.87	1.14 (2.41)	140	179 789	0.78	0.33 (0.88)	0.41 (0.34–0.49)	< 0.001
Hospital referral	589	289 320	2.04	1.15 (2.00)	272	242 578	1.12	0.53 (1.50)	0.52 (0.45–0.59)	< 0.001
Hospital admissions										
Total	857	549 806	1.56	0.91 (2.59)	489	422 367	1.16	0.52 (1.52)	0.70 (0.62–0.79)	< 0.001
Metropolitan	465	316 212	1.47	0.87 (1.68)	217	228 904	0.95	0.40 (1.06)	0.56 (0.48–0.66)	< 0.001
Non-metropolitan	392	233 594	1.68	0.97 (3.45)	272	193 463	1.41	0.67 (1.96)	0.85 (0.72–1.02)	0.082
Children < 5 years	424	227 876	1.86	0.85 (1.65)	301	225 153	1.34	0.60 (1.73)	0.67 (0.56–0.81)	< 0.001
Children ≥ 5 years	433	321 930	1.35	0.98 (3.36)	188	197 214	0.95	0.43 (1.22)	0.72 (0.62–0.83)	< 0.001
Primary care referral	208	260 486	0.80	0.48 (1.01)	170	179 789	0.95	0.40 (1.68)	1.22 (0.96–1.54)	0.102
Hospital referral	649	289 320	2.24	1.27 (3.35)	319	242 578	1.32	0.62 (1.36)	0.54 (0.47–0.61)	< 0.001

Length of hospital stay (days)

Total	4844.31	549 806	8.81	5.14 (15.10)	1452.92	422 367	3.44	1.54 (6.42)	0.23 (0.21–0.25)	< 0.001
Metropolitan	2233	316 212	7.06	4.17 (13.84)	539	228 904	2.36	1.01 (4.31)	0.16 (0.13–0.18)	< 0.001
Non-metropolitan	2611	233 594	11.18	6.43 (16.56)	914	193 463	4.72	2.25 (8.38)	0.31 (0.27–0.37)	< 0.001
Children < 5 years	2672.74	227 876	11.73	5.33 (14.94)	936.84	225 153	4.16	1.87 (7.83)	0.15 (0.13–0.17)	< 0.001
Children ≥ 5 years	2171.57	321 930	6.75	4.92 (15.31)	516.08	197 214	2.62	1.17 (4.26)	0.38 (0.33–0.44)	< 0.001
Primary care referral	858.78	260 486	3.30	2.00 (5.76)	369.22	179 789	2.05	0.86 (5.51)	0.52 (0.43–0.62)	< 0.001
Hospital referral	3985.53	289 320	13.78	7.77 (19.40)	1083.69	242 578	4.47	2.11 (7.05)	0.17 (0.14–0.19)	< 0.001

Non-attended appointments

Total	1469	361 390	4.06	2.50 (3.72)	1211	342 604	3.53	1.63 (2.31)	0.83 (0.74–0.94)	0.003
Metropolitan	978	195 321	5.01	3.06 (4.42)	820	194 571	4.21	1.86 (2.48)	0.81 (0.69–0.95)	0.011
Non-metropolitan	491	166 069	2.96	1.84 (2.50)	391	148 033	2.64	1.29 (1.99)	0.85 (0.70–1.03)	0.094
Children < 5 years	674	147 500	4.57	2.29 (3.45)	652	184 798	3.53	1.61 (2.26)	0.69 (0.58–0.82)	< 0.001
Children ≥ 5 years	795	213 890	3.72	2.71 (3.96)	559	157 806	3.54	1.65 (2.37)	0.99 (0.83–1.18)	0.915
Primary care referral	428	143 828	2.98	1.86 (3.02)	375	145 891	2.57	1.12 (1.79)	0.81 (0.65–1.00)	0.049
Hospital referral	1041	217 562	4.78	2.91 (4.05)	836	196 713	4.25	2.05 (2.59)	0.87 (0.74–1.01)	0.073

IRR = incidence rate ratio.