

Supplementary Table 1: Comparison of childhood developmental outcomes in exposed (lived in exposure areas since birth) and comparison populations: proportions and adjusted relative risks (RR)

	NT				Qld				NSW	
	Exposed % (n)	Comparison % (n)	Adjusted RR ¹ (95% CI)	Adjusted RR ² (95% CI)	Exposed % (n)	Comparison % (n)	Adjusted RR ¹ (95% CI)	Adjusted RR ² (95% CI)	Exposed % (n)	Comparison % (n)
Total sample	121	1,850			90	2,215			12	413
<i>Developmentally vulnerable in:</i>										
Physical health and wellbeing	21% (25)	15% (283)	1.08 (0.76,1.53)	0.91 (0.60,1.37)	21% (19)	17% (377)	1.17 (0.77,1.77)	1.18 (0.77,1.81)	0	9% (38)
Social competence	21% (26)	14% (263)	1.28 (0.89,1.84)	1.15 (0.78,1.70)	19% (17)	15% (343)	1.18 (0.75,1.87)	1.25 (0.79,1.98)	≤ 5	11% (47)
Emotional maturity	13% (16)	14% (248)	0.87 (0.55,1.38)	0.76 (0.46,1.25)	14% (13)	14% (307)	1.06 (0.63,1.77)	1.13 (0.67,1.90)	≤ 5	8% (33)
Language and cognitive skills (school-based)	21% (25)	15% (281)	0.93 (0.65,1.33)	0.82 (0.57,1.17)	18% (16)	14% (313)	1.19 (0.74,1.92)	1.09 (0.67,1.78)	≤ 5	5% (21)
Communication skills and general knowledge	12% (15)	12% (222)	0.78 (0.48,1.26)	0.77 (0.47,1.24)	27% (24)	13% (293)	1.80 (1.24,2.60)	1.91 (1.31,2.79)	0	7% (30)
Developmentally vulnerable on one or more domains	38% (46)	32% (596)	0.96 (0.77,1.20)	0.81 (0.64,1.03)	39% (35)	32% (717)	1.18 (0.90,1.54)	1.18 (0.91,1.55)	≤ 5	22% (92)

The RR is the risk in the exposed group divided by the risk in comparison group.

- RRs from Model 1: adjusted for sex, Aboriginal and Torres Strait Islander status and Australian Early Development Census (AEDC) year.
- RRs from Model 2: adjusted for sex, Aboriginal and Torres Strait Islander status, AEDC year, English as second language (NT only), Australian Bureau of Statistics' Index of Relative Socioeconomic Disadvantage (IRSD) quintile and remoteness. In NSW, the two lowest remoteness categories and the two highest IRSD quintiles were combined to avoid sparse categories.
- Denominators for risks exclude missing values. The number of missing as a proportion of total data, n (%):
Physical health and wellbeing = NT: 2 (0.1), Qld: 1 (0.0); Social competence = NT: 16 (0.8), Qld: 4 (0.2), NSW: 2 (0.5); Language and cognitive skills (school-based) = NT: 6 (0.3), Qld: 1 (0.0); Communication skills and general knowledge = Qld: 3 (0.1); Developmentally vulnerable on one or more domains = NT: 7 (0.4), Qld: 6 (0.3).

Supplementary Table 2: Comparison of childhood developmental outcomes in exposed (lived in Katherine, Oakey and Williamstown postcodes) and comparison populations: proportions and adjusted relative risks (RR)

	NT				Qld				NSW			
	Exposed % (n)	Comparison % (n)	Adjusted RR ¹ (95% CI)	Adjusted RR ² (95% CI)	Exposed % (n)	Comparison % (n)	Adjusted RR ¹ (95% CI)	Adjusted RR ² (95% CI)	Exposed % (n)	Comparison % (n)	Adjusted RR ¹ (95% CI)	Adjusted RR ² (95% CI)
Total sample	1,471	1,824			467	2,212			174	413		
<i>Developmentally vulnerable in:</i>												
Physical health and wellbeing	25% (372)	15% (277)	1.12 (0.97,1.28)	1.02 (0.87,1.21)	22% (101)	17% (377)	1.21 (1.00,1.48)	1.26 (1.03,1.53)	9% (16)	9% (38)	1.10 (0.63,1.92)	0.81 (0.43,1.54)
Social competence	24% (350)	14% (255)	1.19 (1.03,1.39)	1.08 (0.91,1.28)	16% (76)	16% (343)	1.02 (0.81,1.28)	1.06 (0.84,1.34)	9% (15)	11% (47)	0.82 (0.47,1.42)	0.63 (0.34,1.18)
Emotional maturity	20% (294)	13% (243)	1.06 (0.91,1.24)	0.93 (0.77,1.12)	15% (68)	14% (306)	1.01 (0.79,1.28)	1.06 (0.83,1.35)	9% (15)	8% (33)	1.13 (0.63,2.03)	0.95 (0.48,1.91)
Language and cognitive skills (school-based)	30% (440)	15% (276)	1.06 (0.93,1.20)	0.83 (0.72,0.95)	17% (81)	14% (313)	1.13 (0.90,1.41)	1.14 (0.91,1.44)	7% (13)	5% (21)	1.75 (0.90,3.39)	1.34 (0.59,3.06)
Communication skills and general knowledge	22% (328)	12% (216)	1.09 (0.93,1.27)	0.94 (0.79,1.13)	18% (86)	13% (293)	1.28 (1.03,1.60)	1.38 (1.11,1.72)	6% (11)	7% (30)	0.99 (0.51,1.94)	0.67 (0.32,1.44)
Developmentally vulnerable on one or more domains	48% (700)	32% (584)	1.02 (0.94,1.11)	0.89 (0.81,0.98)	37% (172)	32% (716)	1.10 (0.96,1.25)	1.14 (1.00,1.30)	25% (44)	22% (92)	1.24 (0.91,1.68)	1.06 (0.75,1.51)

The RR is the risk in the exposed group divided by the risk in comparison group.

- RRs from Model 1: adjusted for sex, Aboriginal and Torres Strait Islander status and Australian Early Development Census (AEDC) year.
- RRs from Model 2: adjusted for sex, Aboriginal and Torres Strait Islander status, AEDC year, English as second language (NT only), Australian Bureau of Statistics' Index of Relative Socioeconomic Disadvantage (IRSD) quintile and remoteness. In NSW, the two lowest remoteness categories and the two highest IRSD quintiles were combined to avoid sparse categories.
- Denominators for risks exclude missing values. The number of missing as a proportion of total data, n (%):
Physical health and wellbeing = NT: 12 (0.4%), Qld: 1 (0.0%); Social competence = NT: 19 (0.6%); Emotional maturity = NT: 40 (1.2%), Qld: 7 (0.3%), NSW: 2 (0.3%); Language and cognitive skills (school-based) = NT: 18 (0.5%), Qld: 1 (0.0%); Communication skills and general knowledge = NT: 1 (0.0%), Qld: 3 (0.1%); Developmentally vulnerable on one or more domains = NT: 23 (0.7%), Qld: 8 (0.3%).