

Table 1: Participant characteristics of Kids'Cam Screen sample.

Characteristic	Frequency (unweighted %)	Median recording hours, unweighted (IQR)	Mean recording hours, weighted (95% CI)
Total sample	108 (100)	2.0 (1.4, 2.9)	2.2 (1.9, 2.5)
Gender			
Female	60 (56)	1.9 (1.1, 2.8)	2.4 (2.1, 2.6)
Male	48 (44)	2.3 (1.6, 3.0)	2.1 (1.6, 2.6)
Overweight status			
Not overweight	56 (54)	2.3 (1.5, 2.8)	2.3 (2.0, 2.7)
Overweight/obese	48 (46)	1.8 (1.2, 2.9)	2.0 (1.6, 2.5)
Ethnicity			
NZ European	46 (43)	2.6 (1.7, 2.9)	2.3 (2.0, 2.7)
Māori	38 (35)	1.7 (1.0, 2.7)	1.9 (1.4, 2.4)
Pacific	24 (22)	1.9 (1.7, 2.9)	2.0 (1.7, 2.4)
Socio-economic deprivation			
Low deprivation	75 (71)	2.5 (1.6, 3.0)	2.3 (2.0, 2.6)
High deprivation	30 (29)	1.7 (1.0, 2.5)	1.8 (1.5, 2.1)

Four missing age and three missing socio-economic deprivation.

Table 2: Mean screen time in minutes per hour and mutually adjusted rate ratios for subgroup differences, by screen medium, including all screen mediums combined.

	All screens	Rate ratio (95% CI) ^a	Television	Rate ratio (95% CI) ^a	Computer	Rate ratio (95% CI) ^a	Mobile device	Rate ratio (95% CI) ^a	Tablet	Rate ratio (95% CI) ^a
	Mean (95% CI)		Mean (95% CI)		Mean (95% CI)		Mean (95% CI)		Mean (95% CI)	
All participants	23.1 (100)	-	9.8 (42.4)	-	7.4 (32.0)	-	3.0 (13.0)	-	2.9 (12.6)	-
Gender										
Males	29.5 (100)	1 (Reference)	9.7 (33.0)	1 (Reference)	11.9 (40.3)	1 (Reference)	4.3 (14.6)	1 (Reference)	3.4 (11.5)	1 (Reference)
Females	16.5 (100)	0.58 (0.37–0.93)	9.9 (60.4)	1.02 (0.59–1.76)	2.3 (13.8)	0.19 (0.04–0.85)	1.6 (9.7)	0.37 (0.11–1.30)	2.3 (14.0)	0.68 (0.18–2.52)
Overweight status										
Not overweight	25.6 (100)	1 (Reference)	9.9 (38.7)	1 (Reference)	9.7 (37.9)	1 (Reference)	2.8 (11.0)	1 (Reference)	3.0 (11.6)	1 (Reference)
Overweight/obese	20.7 (100)	0.85 (0.53–1.36)	9.6 (46.5)	0.97 (0.71–1.34)	4.0 (19.2)	0.41 (0.15–1.14)	3.8 (18.3)	1.34 (0.42–4.31)	3.0 (14.4)	1.01 (0.26–3.82)
Ethnicity										
NZ European	22.9 (100)	1 (Reference)	8.3 (36.2)	1 (Reference)	8.1 (35.3)	1 (Reference)	3.2 (14.1)	1 (Reference)	3.1 (13.4)	1 (Reference)
Māori	24.3 (100)	1.11 (0.79–1.57)	11.5 (47.2)	1.38 (0.95–2.00)	6.9 (28.5)	0.85 (0.24–3.09)	3.4 (13.9)	1.05 (0.62–1.77)	2.4 (9.7)	0.77 (0.22–2.63)
Pacific	25.5 (100)	1.18 (0.72–1.94)	17.4 (68.3)	2.10 (1.14–3.87)	3.7 (14.5)	0.46 (0.11–1.97)	1.5 (5.8)	0.46 (0.16–1.31)	2.4 (9.4)	0.78 (0.32–1.87)
Deprivation										
Low	24.4 (100)	1 (Reference)	9.5 (39.0)	1 (Reference)	8.6 (35.4)	1 (Reference)	3.4 (14.1)	1 (Reference)	2.6 (10.8)	1 (Reference)
High	18.3 (100)	0.75 (0.46–1.23)	10.8 (59.2)	1.14 (0.69–1.86)	1.4 (7.9)	0.17 (0.05–0.54)	1.1 (6.2)	0.33 (0.14–0.75)	4.1 (22.7)	1.57 (0.74–3.34)

^aMutually adjusted for gender, overweight status, ethnicity and deprivation.

Table 3: Mean screen time in minutes per hour and mutually adjusted rate ratios for subgroup differences by screen activity.

	Pro-grammes	Rate ratio (95% CI) ^a	Games	Rate ratio (95% CI) ^a	Social	Rate ratio (95% CI) ^a	Internet	Rate ratio (95% CI) ^a	Back-ground	Rate ratio (95% CI) ^a	Other	Rate ratio (95% CI) ^a
	Mean (%)		Mean (%)		Mean (%)		Mean (%)		Mean (%)		Mean (%)	
All participants	6.3 (27.0)	-	5.6 (23.9)	-	1.8 (7.8)	-	1.6 (6.9)	-	3.0 (12.8)	-	3.3 (14.0)	-
Gender												
Males	5.2 (17.7)	1 (Reference)	9.7 (32.8)	1 (Reference)	2.6 (8.8)	1 (Reference)	2.1 (7.0)	1 (Reference)	4.0 (13.4)	1 (Reference)	4.0 (13.5)	1 (Reference)
Females	7.5 (45.8)	1.45 (0.79–2.65)	0.9 (5.6)	0.10 (0.03–0.30)	1.0 (5.8)	0.37 (0.03–4.32)	1.1 (6.9)	0.55 (0.13–2.39)	1.9 (11.5)	0.48 (0.17–1.35)	2.5 (15.0)	0.62 (0.15–2.59)
Overweight status												
Not overweight	6.3 (24.6)	1 (Reference)	7.4 (29.0)	1 (Reference)	0.8 (3.2)	1 (Reference)	1.9 (7.6)	1 (Reference)	3.0 (11.9)	1 (Reference)	4.0 (15.5)	1 (Reference)
Overweight/obese	5.9 (28.6)	0.94 (0.63–1.40)	2.8 (13.5)	0.38 (0.20–0.71)	3.9 (18.7)	4.67 (0.91–23.94)	1.2 (5.6)	0.60 (0.16–2.29)	3.1 (14.9)	1.01 (0.30–3.44)	2.3 (11.3)	0.59 (0.23–1.52)
Ethnicity												
NZ European	5.3 (23.1)	1 (Reference)	6.0 (26.2)	1 (Reference)	1.9 (8.5)	1 (Reference)	1.6 (7.1)	1 (Reference)	2.6 (11.4)	1 (Reference)	3.8 (16.5)	1 (Reference)
Māori	9.0 (37.1)	1.71 (0.94–3.09)	5.2 (21.5)	0.87 (0.24–3.16)	2.1 (8.6)	1.07 (0.23–4.95)	1.8 (7.5)	1.11 (0.31–3.96)	2.0 (8.4)	0.78 (0.21–2.87)	2.1 (8.5)	0.55 (0.12–2.51)
Pacific	9.3 (36.4)	1.76 (0.80–3.84)	3.5 (13.6)	0.58 (0.20–1.69)	0.8 (3.0)	0.39 (0.07–2.37)	1.3 (5.2)	0.81 (0.11–6.25)	6.5 (25.6)	2.50 (0.66–9.40)	1.5 (6.1)	0.41 (0.04–4.16)
Deprivation												
Low	5.8 (23.6)	1 (Reference)	6.3 (25.9)	1 (Reference)	1.7 (7.0)	1 (Reference)	1.8 (7.3)	1 (Reference)	3.1 (12.7)	1 (Reference)	3.8 (15.7)	1 (Reference)
High	8.5 (46.6)	1.48 (0.74, 2.96)	2.0 (10.8)	0.31 (0.10–1.00)	2.6 (14.1)	1.51 (0.57–4.03)	0.8 (4.1)	0.42 (0.08–2.24)	2.3 (12.9)	0.76 (0.21–2.71)	0.6 (3.3)	0.16 (0.04–0.57)

^aMutually adjusted for gender, overweight status, ethnicity and deprivation.

Table 4: Mean minutes per hour of screen use in the early afternoon, early evening and late evening (with % of screen time)

Screen use	Early afternoon (3 pm–5:30 pm)	Early evening (5:30 pm–8 pm)	Late evening (after 8 pm)
All screens	20.6 (100.0)	24.6 (100.0)	37.7 (100.0)
Television	6.6 (32.1)	11.6 (46.9)	26.3 (69.7)
Computer	7.0 (33.9)	8.4 (34.2)	7.2 (19.0)
Mobile	3.7 (17.8)	2.4 (9.8)	1.7 (4.4)
Tablet	3.3 (16.2)	2.2 (9.1)	2.6 (6.9)

Figure 1: (Top left) programme on television; (top right) gaming on computer; (bottom left) social activity on mobile device; (bottom right) multi-screen activity with unknown activity on mobile device and programme on television.

