

Online supplementary material

Unit costs, their sources, and relevant public sector where applicable

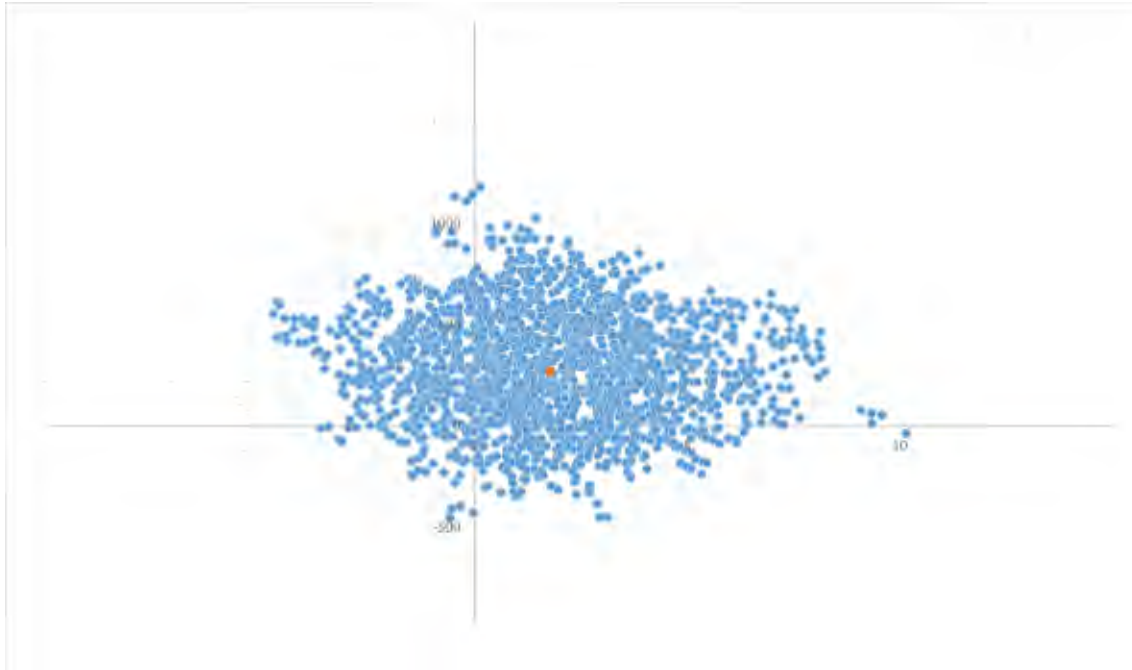
Service type	Unit cost (\$A)	Source for unit cost
MCH services		
MCH visit	44.88	} Standard hourly rate for MCH services [^] (Early childhood sector)
MCH home visit	143.64	
MCH telephone line	22.44	
First-time parents' group session	29.92	
Mental health		
Psychologist	99.75 + OOP*	MBS# (Health sector)
Psychiatrist	133.10 + OOP*	MBS# (Health sector)
Counsellor	OOP*	
Psychiatric mother-baby unit admission	5307.56	Weighted National Efficient Price (Health sector)
Web therapy session	30	Market rate (Health sector)
Medication		
Prescribed	OOP*	
Over the counter	OOP*	
Primary care		
GP clinic visit	36.30	MBS# (Health sector)
GP home visit	61.75	MBS# (Health sector)
Clinic nurse	OOP*	
Medical		
Obstetrician	43.00	MBS# (Health sector)
Paediatrician	85.55	MBS# (Health sector)
Other specialist	85.55	MBS# (Health sector)
Allied health		
Physiotherapist	OOP*	
Dietician	OOP*	
Social worker	62.25	MBS# (Health sector)
Complementary healthcare provider	OOP*	
Hospital-related		
Outpatients clinic	As per clinic type	} Weighted National Efficient Price (Health sector)
Emergency department visit	385.96 (triage category 4)	
Hospital admission	As per admission	
Early parenting services		
Residential early parenting centre 5-night admission	3500 + OOP*	} Expert opinion (Human services sector)
Early parenting centre day stay	300 + OOP*	
Lactation consultant	OOP*	
Mothercraft nurse	OOP*	
Support group	10	Market rate
Other parenting service	OOP*	

[^]Standard hourly rate for MCH services[17] *OOP=Out Of Pocket cost reported by participant #MBS=Medicare Benefits Schedule

Incremental adjusted costs and QALYs in each scenario

Scenario	Difference in costs (\$A) (95% CI)	Difference in QALYs (95% CI)
Base case	268.69 (-319.21, 856.59)	0.007 (-0.011, 0.025)
With multiple imputation of missing data	249.76 (-198.46, 697.98)	0.006 (-0.007, 0.018)
Only baseline variables in regression models	268.69 (-319.21, 856.59)	0.008 (-0.009, 0.025)
Assuming MCH nurse training lasts 1 year	287.78 (-299.51, 875.07)	0.007 (-0.011, 0.025)
Number of participants per <i>WWWT</i> session =5	289.06 (-298.19, 876.31)	0.007 (-0.011, 0.025)
Number of participants per <i>WWWT</i> session=7	254.11 (-334.28, 842.50)	0.007 (-0.011, 0.025)
Health sector costs only	371.21 (-144.12, 886.54)	0.007 (-0.011, 0.025)
Early childhood sector costs only	136.12 (82.81, 189.42)	0.007 (-0.011, 0.025)
Public sector costs only	220.54 (-352.48, 793.56)	0.007 (-0.011, 0.025)
Individual-level incremental costs at upper end of 95%CI, incremental outcomes at lower end of 95%CI	481.80 (-536.37, 1499.97)	0.007 (-0.011, 0.025)
Individual-level incremental costs at lower end of 95%CI, incremental outcomes at upper end of 95%CI	141.86 (-298.50, 582.22)	0.007 (-0.011, 0.025)
Linear models for costs and outcomes	145.26 (-499.20, 789.72)	0.007 (-0.011, 0.025)

Supplementary Figure 1. Cost-effectiveness plane – cost per percentage-point reduction in 30-day prevalence of depression, anxiety and adjustment disorders



Supplementary Figure 2. Cost-effectiveness acceptability curve – cost per QALY

