

Data supplement

Table DS1 Annual resource use for children with and without DSM-IV clinical diagnosis			
Resource-use variable, unit	Children with DSM-IV clinical diagnosis (n = 50)	Children without DSM-IV clinical diagnosis (n = 281)	P ^a
Community and social care services: contacts, mean (s.d.)			
General practitioner	3.18 (5.56)	1.30 (1.60)	0.021
Practice nurse	0.68 (1.71)	0.26 (0.74)	0.096
Community nurse	0.00 (0.00)	0.03 (0.19)	0.011
Community paediatrician	0.36 (0.92)	0.09 (0.38)	0.048
Dentist	1.64 (1.08)	1.68 (1.15)	0.830
Orthodontist	0.22 (0.91)	0.26 (0.89)	0.757
Optician	1.04 (1.05)	0.63 (1.30)	0.017
Chiropodist	0.06 (0.31)	0.04 (0.43)	0.635
Physiotherapist	2.96 (9.61)	0.41 (2.89)	0.068
Speech therapist	1.42 (4.33)	0.55 (3.34)	0.183
Audiologist	0.26 (0.92)	0.13 (0.53)	0.330
Social worker	0.74 (2.47)	0.10 (0.67)	0.073
Home visitor/volunteer	0.00 (0.00)	0.03 (0.42)	0.259
Counsellor	0.88 (4.47)	0.04 (0.60)	0.188
Psychologist	0.38 (1.03)	0.07 (0.63)	0.047
Psychiatrist	0.16 (0.47)	0.00 (0.00)	0.019
Osteopath	0.26 (1.32)	0.07 (0.85)	0.325
Home teacher (portage)	0.00 (0.00)	0.07 (1.19)	0.318
Home teacher (other)	7.58 (20.28)	0.57 (4.96)	0.019
Orthoptist	0.12 (0.72)	0.03 (0.23)	0.395
Orthotist	0.42 (1.81)	0.02 (0.26)	0.129
Other community healthcare professionals	0.26 (0.99)	0.18 (1.20)	0.618
Hospital outpatient and day care services: attendances, mean (s.d.)			
Accident and emergency care	0.22 (0.58)	0.22 (0.77)	0.995
Hospital day unit	0.26 (1.47)	0.02 (0.15)	0.256
Other out-patient care	1.46 (2.42)	0.42 (1.28)	0.004
Hospital in-patient services, mean (s.d.)			
In-patient stays, days	0.84 (2.76)	0.56 (5.74)	0.589
Education services, n (%)			
Mainstream school,	41 (82.0)	253 (90.0)	0.091
Mainstream school with special unit attached	3 (6.0)	17 (6.0)	
Special school for physically disabled	2 (4.0)	2 (0.7)	
Special school for learning disabled	4 (8.0)	9 (3.2)	

a. P calculated using two-tailed Student's *t*-test assuming unequal variance for continuous variables or χ^2 -test for categorical variables.

Table DS2 Sociodemographic and clinical characteristics of study participants			
Characteristic	Children with DSM-IV clinical diagnosis, <i>n</i> (%) (<i>n</i> = 50)	Children without DSM-IV clinical diagnosis, <i>n</i> (%) (<i>n</i> = 281)	<i>P</i> ^a
Gender			0.028
Male	29 (58.0)	116 (41.3)	
Female	21 (42.0)	165 (58.7)	
Maternal marital status			0.004
Married	26 (52.0)	197 (70.1)	
Single	9 (18.0)	12 (4.2)	
Cohabiting	6 (12.0)	27 (9.6)	
Widowed	1 (2.0)	3 (1.1)	
Separated/divorced	8 (16.0)	40 (14.2)	
Missing	0 (0.0)	2 (0.7)	
Respondent parent's age			0.597
<30	1 (2.0)	3 (1.1)	
30–39	23 (46.0)	107 (38.1)	
40–49	21 (42.0)	147 (52.3)	
≥50	2 (4.0)	11 (3.9)	
Missing	3 (6.0)	13 (4.6)	
Type of accommodation			<0.0001
Owner occupied	26 (52.0)	216 (76.9)	
Rented	18 (36.0)	42 (14.9)	
Other	6 (12.0)	18 (6.4)	
Missing	0 (0.0)	5 (1.8)	
Access to car			0.137
Yes	44 (88.0)	267 (95.0)	
No	4 (8.0)	10 (3.6)	
Missing	2 (4.0)	4 (1.4)	
Highest parental qualification			0.686
Vocational/NVQ/CSE	7 (14.0)	39 (13.9)	
O-level/GCSE/Scottish standards	12 (24.0)	79 (28.1)	
BTEC diploma/A level/Scottish highers	8 (16.0)	38 (13.5)	
Diploma or HND	4 (8.0)	29 (10.3)	
University degree	6 (12.0)	36 (12.8)	
Postgraduate qualification	2 (4.0)	19 (6.8)	
Other	4 (8.0)	18 (6.4)	
None	6 (12.0)	14 (5.0)	
Missing	1 (2.0)	9 (3.2)	
Highest household occupational status			0.181
Professional/managerial	15 (30.0)	141 (50.2)	
Intermediate occupation	11 (22.0)	56 (19.9)	
Routine and manual occupation	15 (30.0)	66 (23.5)	
Long-term unemployed	3 (6.0)	11 (3.9)	
Missing	6 (12.0)	7 (2.5)	
Language spoken at home ^b			0.594
English only	46 (92.0)	248 (88.3)	
English and other language(s)	4 (8.0)	29 (10.3)	
Missing	0 (0.0)	4 (1.4)	
Number of smokers in home			0.018
0	24 (48.0)	182 (64.8)	
1	12 (24.0)	54 (19.2)	
≥2	13 (26.0)	34 (12.1)	
Missing	1 (2.0)	11 (3.9)	
Gestational age at birth (weeks)			0.012
≤23 weeks	4 (8.0)	15 (5.3)	
24 weeks	14 (28.0)	45 (16.0)	
25 weeks	21 (42.0)	91 (32.4)	
Term	11 (22.0)	130 (46.3)	
Neurosensory or motor impairment			0.197
Yes	6 (12.0)	19 (6.8)	
No	44 (88.0)	262 (93.2)	

NVQ, national vocational qualification; CSE, certificate of secondary education; O level, ordinary level; GCSE, general certificate of secondary education; BTEC, Business and Technology Education Council; A level, advanced level; HND, higher national diploma.

a. χ^2 -test.

b. Distinguished from ethnicity for which the comparison groups were matched. To our knowledge, all study children spoke English with varying levels of proficiency.

Table DS3 Mean costs over the previous year of life and mean cost differences between children with and without DSM-IV clinical diagnosis by cost category (UK £ sterling, 2006–7 prices)

Cost category	With diagnosis	Without diagnosis	Mean difference	95% CI ^a	P ^b
<i>Preterm sample, n</i>	39	151			
Costs, mean					
Hospital in-patient care	343.1	346.6	−3.5	−371.5 to 364.5	0.985
Hospital out-patient and day care	262.7	131.0	131.7	−19.7 to 283.0	0.096
Total hospital	605.8	477.6	128.2	−326.5 to 582.9	0.579
Community health and social care	1216.7	462.2	754.5	382.8 to 1126.2	<0.0001
Drugs/medications	32.2	21.5	10.7	−15.7 to 37.1	0.437
Total health and social care	1854.7	961.3	893.4	224.7 to 1562.0	0.010
Education	6217.1	5112.5	1104.6	−828.7 to 3037.9	0.269
Total public sector	8071.8	6073.8	1998.0	−164.4 to 4160.4	0.076
<i>Term sample, n</i>	11	130			
Costs, mean					
Hospital in-patient care	123.7	42.5	81.2	−162.1 to 324.5	0.531
Hospital out-patient and day care	213.8	36.3	177.5	−199.0 to 554.0	0.371
Total hospital	337.5	78.8	258.7	−161.7 to 679.1	0.257
Community health and social care	523.9	252.3	271.6	31.5 to 511.8	0.050
Drugs/medications	40.5	9.3	31.1	−43.8 to 106.1	0.433
Total health and social care	901.9	340.4	561.5	−105.3 to 1228.3	0.131
Education	3152.0	3662.9	−510.9	−948.1 to −73.6	0.025
Total public sector	4053.9	4003.3	50.6	−752.3 to 853.6	0.903
<i>Total sample, n</i>	50	281			
Costs, <i>n</i>					
Hospital in-patient care	294.9	205.9	89.0	−160.4 to 338.3	0.492
Hospital out-patient and day care	251.9	87.2	164.7	26.8 to 302.7	0.025
Total hospital	546.8	293.1	253.7	−80.5 to 587.9	0.140
Community health and social care	1064.3	365.1	699.2	398.9 to 999.4	<0.0001
Drugs/medications	34.0	15.9	18.1	−7.1 to 43.4	0.165
Total health and social care	1645.1	674.1	971.0	448.1 to 1493.9	0.001
Education	5542.8	4441.8	1101.0	−411.0 to 2612.9	0.156
Total public sector	7187.8	5115.9	2071.9	348.7 to 3795.2	0.020

a. Bootstrap estimation using 10,000 replications, bias corrected.
b. P-values calculated using Student's *t*-test.