

TABLE 61 Day activities unit costs and sources

Day activity	Unit costs (£)	Notes (source: Curtis ¹⁰⁵ unless otherwise stated)
LA day centre/social club/recreation	22.40/hour	£56 per session (am/pm/evening) LA day care for those with learning difficulties. Session approximately 2.5 hours = £22.40/hour
NHS day care	35.20/hour	NHS day care mental health = £33 per session LA day care mental health = £21 per session Estimate NHS day care for LD = 33×56 (LA day care LD)/21 (LA day care MH) = £88 per session/2.5 = £35.20/hour
Voluntary sector day care	22.40 hours	Voluntary day care MH = £21 per session LA day care MH = £21/session As voluntary = LA in MH, by the same token, voluntary day care in LD = LA = £22.40/hour
Private day care	17.80/hour	Rehabilitation centre for brain injured (private) £89 per day: £44.50 per session/2.5 = £17.80/hour
Sheltered work	7.80/hour	Sheltered work mental health net costs = £7.80/hour
Voluntary work	22.40/hour for LA and voluntary 17.80/hour for private	Assume run under the auspices of the day centre; therefore, similar range of costs
Adult education	19.89/hour	Average annual cost/adult with autism (2005–6 prices) = £2886 per annum ²¹² Average hours/week from CSRI = approximately 3 hours/week $£2886/52/3 = £18.50$ /hour (uplift 2008 ²¹³ = 2.9%, 2009 = 3.9%, 2010 = 0.6%) = £19.89/hour
Drop-in centre/social club	10.57/hour	Average cost/week for intellectual disability and challenging behaviour. Drop-in centres £9.14/week. ²¹⁴ Average hours/week from CSRI = approx. 1 hour/week = £9.14/hour (uplift 2006 ²¹³ = 3.7%, 2007 = 3.7%, 2008 = 2.9%, 2009 = 3.9%, 2010 = 0.06%) = £10.57/hour
One-to-one activity/supported employment	25.00/hour	LA home care worker: unit cost £25.00/hour (f2f week-day contact)

f2f, face to face; LA, local authority; LD, learning disabilities; MH, mental health.

TABLE 62 Hospital-based services unit costs and sources

Service	Unit costs (£)	Notes (source: Curtis ¹⁰⁵ unless otherwise stated)
Psychiatric intensive care ward overnight	585.00	National average intensive care: adults = £585 per patient-day (p. 119)
Acute psychiatric ward overnight	295.00	National average acute care: adults = £295 per inpatient-day (p. 119)
Psychiatric long-stay ward overnight	271.00	National average rehabilitation: adults = £271 per inpatient-day (p. 119)
General medical ward overnight	238.42	Curtis (2007): ²¹⁵ cost/bed per day for inpatient rehabilitation services – weighted average all stays £223 (uplift 2008 ²¹³ = 2.9%, 2009 = 3.9%, 2010 = 0.06%) = £238.42
Other specialities overnight	252.75	Curtis (2007): ²¹⁵ inpatient rehabilitation services (cost/bed/day): non-stroke/elderly £235 (uplift 2008 ²¹³ = 2.9%, 2009 = 3.9%, 2010 = 0.06%) = £252.75
Psychiatric outpatient appointment	158.00	MH outpatient attendances, consultant services (follow-up f2f attendances): adult other services £158
Other hospital outpatient/clinic appointment	152.00	Outpatient procedures (non-MH) – weighted average for all £152
Day hospital attendance	144.00	Day facilities (non-MH) – weighted average for all £143 in Curtis (2009) ²¹⁶ –2010 uplift ²¹³ = 0.06% = £144
Psychiatric day hospital attendance	119.00/day	MH day care weighted average of all attendances £119
Accident & Emergency attendance	114.00	Treatments leading to admission £131 Treatments not leading to admission £97 Average £114

f2f, face to face; MH, mental health

TABLE 63 Community-based services unit costs and sources

Service	Unit costs (£)	Notes (source: Curtis unless otherwise stated)
Community psychiatrist	328.00/hour (f2f)	Consultant (psychiatric) £328/hour (patient contact)
Psychologist	81.00/hour	Clinical psychologist £81 per hour of client contact
General practitioner	185.00/hour: clinic 312.00/hour: home	£36/11.7 minutes or £53/17.2 minutes of surgery consultation Mean = £3.10/minute × 60 = £185/hour surgery/clinic £120/23.4 minute home visit £5.20/minute × 60 = £312/hour home visit
CMHT member, learning disability/psychiatric nurse	91.00/hour	Community nurse specialist £91/hour f2f
Other community nurse	73.00/hour	Community nurse £73/hour f2f
Health care assistant	23.00/hour	Clinical support worker (hospital) £23/hour (patient contact)
Health visitor	88.00/hour	£88 per hour of client contact
Therapists: speech, physiotherapy, occupational, art/drama/music, alternative (e.g. massage, aromatherapist)	42.00/hour (f2f) 34.00/hour (clinic) 44.00/hour (home visit)	£42/hour (client contact); £34/hour (in clinic); £44/hour (home visits); £47/home visit; £17/clinic visit
Social worker, care manager	87.00/hour 150.00/hour (f2f)	Social work team leader £87/hour client-related work Approved social worker (MH) £150/hour (f2f)
Social work assistant	33.00/hour	Social work assistant £33/hour (client related); £103/hour (f2f)
Advocate counsellor, LD charity representative, appropriate adult	44.00/hour (f2f)	Counselling services in primary care £44/hour f2f

continued

TABLE 63 Community-based services unit costs and sources (*continued*)

Service	Unit costs (£)	Notes (source: Curtis unless otherwise stated)
Dentist	Consultant 309.00/hour Independent 272.00/hour Band A 206.00/hour Band B 230.00/hour Band C 246.00/hour	Medical consultant £120,200: unit cost £169/hour, ratio salary/unit cost = £711.2. Salary + expenses (see below) = £219,789: unit cost = £309/hour Independent gross income 2007–8: ²¹⁷ £193,480 (income £93,891, expenses £99,589); total/711.2 = 272/hour Salaried dentist: Band A: ²¹⁷ minimum £37,718, maximum £56,576 Mid-point + expenses/711.2 = 206/hour (A), 203/hour (B), 246/hour (C) Salaried dentist: Band B: ²¹⁷ minimum £58,672, maximum £68,625 Salaried dentist: Band C: ²¹⁷ minimum £70,197, maximum £80,674
Optician, audiologist	41.40/hour	DH ²¹⁸ – fee payable by PCT to the general ophthalmic service contractor for each sight test = £20.70. Assume average appointment = 30 minutes (£41.40/hour)
Chiroprapist	22.00/hour	Community chiroprapist/podiatrist £22/hour
NHS Care Manager	112.00/hour	Intensive case management for older people £112/hour (f2f contact); £36/home visit
GP nurse	36.00/hour	GP nurse £36/hour client contact
Job Centre	62.48/hour	Job Centre Plus Annual Report & Accounts 2010–11: ^a Total expenditure = £3,570,942,000 Total staff = 76,471 ● Assume 67% of staff provide f2f services = 51,236. Each works 45 weeks × 37 hours/week (Green Book ²¹⁸) = 1665 hours/year Total staff hours of f2f services = 85,307,940 hours ● Assume 67% of time in actual f2f services = 57,156,320. Cost/hour = £62.48
Police	57.50/hour	£172.51 Heslin <i>et al.</i> (2011): ²¹⁹ 3 hours of input = £57.50/hour £55.42/hour City of London police hourly rate ^b
Dietitian	29.00/hour	£29 per hour of client contact

CMHT, Community Mental Health Team; f2f, face to face; LHB, local Health Board; MH, mental health; PCT, Primary Care Trust.

a Source: <http://www.dwp.gov.uk/docs/jcp-annual-report-and-accounts-2010-2011.pdf> (accessed 4 April 2013).

b Source: www.cityoflondon.police.uk/CityPolice/About/services/feesandcharges.htm (accessed 17 February 2012).

TABLE 64 Unit costs and sources for accommodation services, respite, day care staff and domiciliary support staff

Accommodation or staff input	Unit costs (£)	Notes (source: Curtis ¹⁰⁵ unless otherwise stated)
Fully staffed group homes	935.00/week staff	Staffing £935 per resident week; £1195 establishment costs per resident week; non-staff costs (establishment – staff) = £260 per resident week
	260.00/week non-staff	
Semi-independent living	255.00/week staff	Staffing £255 per resident week; £385 establishment costs per resident week; non-staff costs (establishment – staff) = £130 per resident week
	130.00/week non-staff	
Hospital	969.00/week staff	NHS campus (2004–5) Curtis (2005): ²²⁰ staffing £843 per resident week; £1198 establishment costs per resident week × 1.15 (increase since 2004–5, p. 224, table 4, Curtis 2010): ¹⁰⁵ staffing £969 per resident week; £1378 establishment costs per resident week; non-staff costs (establishment – staff) = £409 per resident week
	409.00/week non-staff	
Independent sector residential care staff rates ^a	12.91/hour	Support worker £9.42/hour with 30% on-cost Assistant service manager £11.18/hour with 30% on-cost Service manager £14.90 with 30% on-cost <ul style="list-style-type: none"> • Mean of first two = £12.91/hour
NHS staff costs	14.05/hour	Band 7: £21.93/hour Band 6: £18.30/hour Band 5: £15.19/hour Band 3: £10.62/hour <ul style="list-style-type: none"> • Weighted average (8% each Bands 6 and 7 + 42% each Bands 3 and 5) = £14.05/hour
LA support worker		Local Government Earnings Survey 2010–11 Observed Pay Rates: ²²¹ <ul style="list-style-type: none"> • Care worker median £19,620 gross = £436.00/week, £11.78/hour • Senior care worker median £23,386 gross = £519.69/week, £14.04/hour [converted using working hours/week = 37, weeks worked/year = 45 (Green Book ²²²)]
LA day service staff ^b	14.10/hour front line	Day support workers (£14,733–16,830): mean = £15,781.5 Day service officers (£18,453–22,221): mean = £20,337 <ul style="list-style-type: none"> • Mean of above two = 18,059 × 1.3 (30% on-costs) = £23,476.7, £14.10/hour
	21.74/hour manager	Service manager (£27,052–28,636): mean = £27,844 × 1.3 (30% on-cost) = £36,197, £21.74/hour
Area homes manager	21.74/hour	As LA service manager
Finance officer	15.56/hour	NHS Band 4 mid-point = £19,933 × 1.3 (on-cost) = £25,913, £15.56/hour
Facility-based respite	170.71/day	£1195 establishment costs per resident week for fully-staffed group homes = £170.71/day
Adult family placement	435.76/week	2008 'All-in' long-term placement including board and lodging: mean = £419/week, including £58/week management charge, NAAPS (2009) ²²³ × 1.04 increase since 2007–8 (see Curtis, ¹⁰⁵ p. 224, table 3) = £435.76/week

LA, local authority.

a Source: Welsh National provider.

b Source: City and County of Swansea.

TABLE 65 Intervention unit costs and sources

Resource input	Unit costs (£)	Notes
Lay therapists ^a	15.94/hour	<ul style="list-style-type: none"> Day support worker Scale Point 11–17 (£14,733–16,830)^b Day service officer Scale Point 20–26 (£18,453–22,221)^b Assistant manager Scale Point 29–31 (£24,646–26,276)^b <p>Balance of staff levels:^c 15% lower, 70% middle and 15% higher Mean cost = £20,422 × 1.3 (on-cost) = £26,549, £15.94 per hour [converted using working hours/week = 37, weeks worked/year = 45 (Green Book²²²)]</p>
Supervising psychologist	46.69/hour	NHS Band 8c April 2010 = £54,454–67,134, mean = £59,799 × 1.3 (on-cost) = £77,739, £46.69 per hour [converted using working hours/week = 37, weeks worked/year = 45 (Green Book ²²²)]
Intervention psychologist	21.21/hour	NHS Band 7 (pt 26) to Band 8a (pt 34) April 2010 = £30,460–40,157, mean = £35,309, £21.21 per hour [converted using working hours/week = 37, weeks worked/year = 45, (Green Book ²²²)]
Administration	9.13/hour	NHS Band 2 ^d April 2010 = £13,653–16,753, mean = £15,203, £9.13 per hour [converted using working hours/week = 37, weeks worked/year = 45 (Green Book ²²²)]
Telephone calls	0.06/minute	Assume 50% local @ £0.04 per minute ^e and 50% distant @ £0.08 per minute
Photocopying	0.04/page	£0.04 per A4 black and white page ^f

LA, local authority.

a We decided not to ask staff acting as lay therapists to disclose their salaries but rather to calculate a ‘typical’ cost based on established scales and scale mid-points, taking account the mix of seniority of staff actually delivering the intervention. We used LA day service staff costs to derive this, as this form of service delivery is the dominant form in the UK and our estimate of ‘typical’ delivery cost would therefore have maximum generalisation. However, it is likely that the estimate would not be significantly different had we factored in the mix of delivery settings: 50% of groups were run in LA day settings and a further 29% in voluntary sector settings (which have unit costs similar to LA day services). Moreover, wage rates for direct care staff and senior direct care staff do not differ greatly according to provision sector.

b Source: City and County of Swansea.

c Source: S Wales intervention centres.

d Source: www.nhscareers.nhs.uk; accessed 22 February 2012.

e Source: Cardiff University and BT. Mean = £0.06 per minute.

f Source: cheapest of three university rates: Birmingham, Cardiff and Glasgow.

BOX 3 Treatment as usual unit costs and sources

Revenue costs for LA day centre treatment as usual per service user hour in 2010 were £51 per session, which equates to £20.40/hour.¹⁰⁵ This figure includes a number of overheads that have not been accounted for in costing the intervention. Pages 16–17 of Curtis¹⁰⁵ contain the following estimates of such overheads: ‘Total overheads (excluding travel and capital) as a percentage of direct salary costs have been estimated at 45 per cent of direct payroll with a range of 42 per cent to 56 per cent. Indirect overheads (cost of central functions such as finance, general management and human resources, including indirect running costs) were 16 per cent of direct salary costs (range of 1 to 20 per cent), direct overheads (administration and supervision) were 22 per cent of direct salary costs (range of 14 to 41 per cent) and premises (all office costs, uniforms, stationery etc.) were 7 per cent of direct salary costs (range of 2 to 9 per cent)’

Hence, the cost/hour of treatment as usual that is comparable to the intervention cost (i.e. exclusive of central functions, routine administration, supervision and premises costs) would be £20.40/1.45 = £14.07/hour