

NPCS costing computation - Intuitive estimation of costs per year

1. MEDICAL CARE NEEDS

Requiring intervention from a doctor for **investigation, monitoring or treatment**. Specialist Medical input may be from **any medical speciality**

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
M 0	GP occasional	GP occasional -- no regular contact – self-initiated visits to GP as required	3 standard visits to GP per year (3 x £31)	£93
M 1	GP active	GP active monitoring - regular monitoring/ treatment by GP solely	6 standard visits to GP per year (6 x £31)	£186
M 2	Low level specialist	Low level specialist support eg for largely stable condition On-going monitoring/ treatment by GP with occasional specialist advice / review	4 standard visits to GP per year plus 2 consultant hospital outpatient visits per year (4 x £31 =124) + (2 x £169 = £338)	£462
M 3	Active specialist	Active specialist medical intervention required eg for changing/unstable condition or for unresolved symptoms. Investigation or treatment requiring frequent contact with specialist medical team	4 standard visits to GP per year plus 4 consultant outpatient visits per year, with uplift for investigations estimate £500 per year (4 x £31 =124) + (4 x £169 = £676) + £500	£1300

2: SKILLED NURSING NEEDS

Intervention required from trained and/or specialist nursing staff

eg district nursing (sister) or Specialist nurse (E.g. for wound care, bladder / bowel management / medication monitoring / specialist advice/support/counselling)

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
N 0	None	No needs for skilled nursing	Nil	£0
N 1	Occasional	Occasional intervention (eg monthly or less)	District nurse home visit x 8 per year (8 x £73) (allow 1 hour for visit inc travel time)	£584
N 2	Regular	Regular intervention eg every 1-2 weeks	District nurse home visit x 30 per year (allow 45 mins per visit inc travel time) (30 x 0.75 x £73)	£1643
N 3	Frequent	Frequent intervention on a daily basis, or Several times a week	District nurse home visit x 100 per year (allow 40 mins per visit inc travel time, as intervention is likely to be quick) (100 x 0.66 x £73)	£4818

3. PERSONAL CARE - In and around the home.

Compute yearly costs based on the following care frequency per week which will then be multiplied by the number of carers

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
Number of carers – multiplier for care frequency				
CN 0	None	No carers required	Nil	0
CN 1	1 carer	Requires help from 1 person for most basic care needs	x1 multiplier for care frequency	X1
CN 2	2 carers	Requires help from ≥2 people for most basic care needs	x2 multiplier for care frequency	X2
Care frequency				
CF 0	None	No need for help with self care.	Nil	0
CF 1	Occasional need	Occasional need – less than daily for help with self care, or extended activities of daily living	5 hours per week care assistance from standard carer (plus any standard uplift for travel time/costs etc) (5 x 52 x £22)	£5270
CF 2	Regular help x1/day	Requires regular help once daily	10 hours per week care assistance from standard carer (ie 1.5 hours per day) plus any standard uplift for travel time/costs etc) (10 x 52 x £22)	£11440
CF 3	Regular help 2-3 x/ day	Requires regular help 2-3 times a day – could be met by an intermittent visiting care package Able to be left safely for >4 hours and does not require care / supervision at night	18 hours per week care assistance from standard carer (ie 2-3 hours per day) plus any standard uplift for travel time/costs etc) (18 x 52 x £22)	£20592
CF 4	Live in care	Frequent or unpredictable care needs , requiring the presence of someone most of the time Cannot be left safely for >4 hours or requires care / supervision at night (but not waking night care)	Live in carer with sleep-in care at night plus cover for the 4 hours that a living carer would normally have off per day (52 x £1064)	£55328
CF 5	Constant care	Requires constant supervision - unable to be left alone in the house, even for short periods AND/Or requires waking night care – needs > 2 interventions at night)	Live in carer with waking night time care plus cover for the 4 hours that a living carer would normally have off per day (52 x (£1064 + £860))	£100048

4. PERSONAL ASSISTANT/ENABLER

Frequency of assistance for participation in day time community activities.

NB This normally requires a more skilled care worker than for standard personal care as they need to take responsibility for the patients outside their home

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
PA 0	None	No need for assistance with community activities		0
PA 1	Occasional	Occasional need – 1-2 days per week	Skilled care worker 8 hours/week (8 x 52 x £29)	£12064
PA 2	Frequent	Frequent need – 3-5 days/week	Skilled care worker 12 hours/week (12 x 52 x £29)	£18096
PA 3	Daily	Daily – 6-7 days/week	Skilled care worker 20 hours/week (20 x 52 x £29)	£30160

4. THERAPY NEEDS –

Compute yearly costs based on the therapy intensity which will then be multiplied by the therapy disciplines

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
Therapy Disciplines: - required to be actively involved in treatment (ie at least 1 hr per month)				
TD 0	None	0	Nil	0
TD 1	Single discipline only	Single discipline only	x1 multiplier for therapy intensity	x1
TD 2	Individual disciplines	Two individual disciplines, may not be co-ordinated	x2 multiplier for therapy intensity – assumes 2 disciplines	x2
TD 3	Co-ordinated team	Co-ordinated interdisciplinary team – 3 or more disciplines working in a coordinated team	x3 multiplier for therapy intensity – assumes 3 disciplines	x3
Therapy Intensity: - Overall intensity of trained therapy intervention required				
TI 0	None	No need for trained therapy intervention	Nil	0
TI 1	Occasional review	Requires occasional review or maintenance programme – OR requires Group therapy solely Eg Rehab needs met by family/care staff or self-exercise, supervised by therapist eg every 6-8 weeks	6 sessions (1 hour) therapy time per year (if training carers, their time is already counted above) (6 x £141)	£846
TI 2	Regular intervention	Regular intervention for maintenance / treatment eg every 1-2 weeks: OP or domiciliary treatment	10 sessions therapy time per year (10 x £141) (time-limited course over 6-12 weeks)	£1410

TI 3	Frequent intervention	Requires frequent intervention involving several sessions per week	16 sessions of community team per year (time-limited course over 6-12 weeks) (16 x £141)	£2256
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Costing Rules

- Total therapy time is computed from therapy intensity with therapy disciplines (TD) as a multiplier
- Usually offered on a domiciliary basis - allow an hour of therapy time per session in the community for face-to-face treatment with a factor of 1:1.25 for 'indirect' time (notes writing, telephone calls, communication with other agencies etc) plus 1 hour travel time in London (ie multiplier 2.25 on hourly rate)
- T1 usually offered in a consultative role with occasional review every 6-8 weeks
- T2 and T3 – usually offered in time limited courses year 6-12 weeks rather than continuous.
- Specialist community rehab teams are staffed with more senior staff than generic teams: O/T or Physiotherapist (Band 7) SLT (Band 8a) Clin psychologist (Band 8b)
- A typical specialist rehab community team may be made up of 1 WTE P/T, 1WTE O/T, 0.5 WTE SLT, 0.3 WTE Clin Psych (=£141 per hour)

5. VOCATIONAL / EDUCATIONAL SUPPORT NEEDS

Support / intervention from a community rehabilitation team for re-integration into (or withdrawal from) work or other occupational role

Based on a senior social worker, working in the community

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
VR 0	None	No need for vocational/educational support	Nil	0
VR 1	Vocational Assessment	Requires vocational assessment / advice or educational statementing	4 sessions therapy time stat (4 x £141) (community team based on outreach visits)	£564
VR 2	On-going vocational support	Requires on-going vocational / educational support eg Access to work scheme, or withdrawal from work	6 sessions therapy time per year (6 x £141) (likely to be in a time-limited course over 6-12 weeks)	£846
VR 3	Formal vocational rehab	Requires formal vocational / educational rehab eg work prep, work re-training, supported placements	12 sessions therapy time per year (12 x £141)	£1692

6. SOCIAL WORK AND CASE MANAGEMENT –

Support / intervention from a social worker or case manager to co-ordinate care / services

Based on a senior social worker, working in the community

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
S 0	None	No needs for social work or case management	Nil	0
S 1	Occasional advice	Requires occasional intervention or available for advice when needed eg contact 2-3 x per year	8 social worker or contacts per year (mainly telephone contact allow 30 mins per contact) (8 x 0.5 x £212)	£848
S 2	Regular intervention	Requires regular intervention or contact eg every 1-2 months	12 social worker sessions (of ½ hr) per year Likely to be for a limited period (12 x 0.5 x £212)	£1272
S 3	Frequent intervention	Requires frequent intervention or contact eg every 1-2 weeks	18 social worker sessions (of ½ hr) per year Likely to be for a limited period (18 x 0.5 x £212)	£1908

7. FAMILY / CARER SUPPORT / RESPITE NEEDS

7a: Family carer support

Support for the family carer in their own right – usually provided by a case manager (or social worker)

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
FC 0	None	No needs for family / carer support	Nil	0
FC 1	Carer Assessment required	Assessment required for family / carer	1 hour social worker or case manager contact stat	£212
FC 2	Time-limited family/carer support	Time-limited family/carer support required eg for skills training	6 sessions (of ½ hr) per year (6 x 0.5 x £212)	£636
FC 3	On-going family/carer support	On-going family/carer support required eg for emotional support	12 sessions (of ½ hr) per year (12 x 0.5 x £212)	£1272

7b. Respite - residential and day care centre:

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
RESIDENTIAL RESPITE				
RR 0	None	No need for residential respite care	Nil	0
RR 1	Occasional	Requires occasional residential respite – eg to cover holidays etc.	10 days nursing home care per year (£1378 per week as likely to have complex needs)	£1969
RR 2	Regular planned	Requires regular planned residential respite , but not very frequent (eg 1-2 weeks per 6 months))	3 weeks nursing home care per year (£1378 /wk as likely to have complex needs)	£4134
RR 3	Frequent with back-up support	Requires frequent planned residential care (eg every 6-8 weeks) AND/OR back-up support at times of crisis	6 weeks nursing home care per year (£1378 /wk as likely to have complex needs)	£8268
DAY CARE				
RD 0	None	No need for day care	Nil	0
RD 1	Occasional	Occasional day care – 1-2 days per week	Day centre attendance x 60 per year (60 x £92)	£5520
RD 2	Frequent	Frequent day care – 3-5 days/week	Day centre attendance x 135 per year (135 x £92)	£12420

8. ADVOCACY NEEDS --

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
AD 0	None	No needs for advocacy	Nil	0
AD 1	Capacity Assessment	Mental capacity assessment required	2 sessions of senior social worker stat (2 x £212)	£424
AD 2	Independent advocacy	Independent advocacy required	IMCA services – 8 sessions per year – allowing for direct contact and indirect time (8 x £99)	£784

9. SPECIALIST EQUIPMENT – Eg Special seating, assistive technology, ventilation equipment

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
E 0	None	No specialist equipment required	Nil	0
E 1	Basic equipment	Basic equipment required as from social services equipment store (eg kitchen aids, commode, bed, hoist etc)	Estimate £625 per year – including set-up maintenance/replacement	£625
E 2	Specialist equipment	Specialist equipment required – equipment requiring professional assessment and provision (eg seating, standing frames)	Estimate £1250 per year including set-up maintenance/replacement	£1250
E 3	Highly specialist equipment	Highly specialist equipment required – bespoke equipment requiring professional prescription (eg environmental control, communication aids, ventilatory support)	Estimate £2000 per year including set-up maintenance/replacement	£2000

10. ACCOMMODATION NEEDS

Score	Brief Descriptor	Details	Costs per year based on:	Annual cost
HOME LIVING ARRANGEMENTS				
AC 0	None	No need for special accommodation	Nil	0
AC 1	Restricted options	Restricted accommodation options (eg requires ground floor or lift access accommodation)	Any additional cost of ground floor flat or flats with lift access, over and above ordinary rental costs. Estimated £1200 pa	£1200
AC 2	Partially adapted	Requires partially adapted accommodation (eg rails, ramps etc)	One off cost for adaptation eg £2500 stat	£2500
AC 3	Fully adapted	Requires fully adapted accommodation (eg fully wheelchair accessible)	One off cost for adaptation eg £7500 stat	£7500
SHELTERED AND RESIDENTIAL CARE				
AC 4	Sheltered living	Requires sheltered living accommodation (eg warden controlled)	Warden controlled accommodation Assume also requires adapted accommodation with more space - estimated £755 per week	£39262
AC 5	Small group home	Requires supervised living arrangement eg small group home	These arrangements tend to be fairly expensive because of need for staff supervision Estimated £1231 per week	£64012
AC 6	Residential care home	Requires residential care home setting	Basic residential care home rates estimated £768/week	£39936
AC 7	Nursing home	Requires nursing home care	Standard nursing home estimated £ 741 per week	£38532
AC 8	Specialist nursing home	Requires specialist nursing home	Specialist nursing home estimated £1378 per week (range £1000-2000)	£71656
AC9	Hospice care	Requires Hospice care	Inpatient hospice care - £320 per day = £2240 per week Required for limited period - assume 8 weeks	£17920

