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15. Inflation indices

15.1 The Building Cost Information Service (BCIS) house rebuilding cost index and the retail price index

BCIS calculates the house rebuilding cost index for the Association of British Insurers (ABI). The index is based on an average of house types and cannot therefore reflect changes in all rates as regional trends, labour and materials contents differ.¹ The retail price index is a measure of inflation published monthly by the Office for National Statistics (ONS). It measures the change in the cost of a basket of retail goods and services.²

Year	BCIS/ABI ¹		Retail price ²	
	Rebuilding cost index (1988=100)	Annual % increases on previous year	Index (1986/87= 100)	Annual % increases on previous year
2007	228.7	4.1	210.9	4.0
2008	243.5	6.5	212.9	0.9
2009	236.9	-2.7	218.0	2.4
2010	239.5	1.1	228.4	4.8
2011	252.0	5.2	239.4	4.8
2012	253.0	0.4	246.8	3.1
2013	257.8	1.9	253.4	2.7
2014	274.8	6.6	257.5	1.6
2015	283.6	3.2	260.6	1.2
2016	292.1	3.0	267.1	2.5
2017	304.4	4.2	278.1	4.1

15.2 Gross domestic product (GDP) deflator and the tender price index for public sector buildings

Her Majesty's Treasury's (HMT) GDP deflator is a measure of general inflation in the domestic economy. HMT produces the GDP deflator from data provided by the ONS and extends the series to future years by applying forecasts of the inflation rate. The BCIS PUBSEC tender price index (PUBSEC) is used by the Office for National Statistics (ONS) to deflate capital expenditure in health and social care.

Year	Gross domestic product ³ annual % increases	Tender price index for public sector building (non-housing) (PUBSEC) ³	
		Index (1995=100)	Annual % increases on previous year
2007/08	2.4	190	9.5
2008/09	2.7	188	-1.2
2009/10	1.4	168	-10.9
2010/11	1.8	171	2.2
2011/12	1.3	177	3.1
2012/13	2.0	184	4.0
2013/14	1.8	194	5.9
2014/15	1.3	207	6.4
2015/16	0.8	209	1.0
2016/17	2.2	227 (Provisional)	8.9 (Provisional)
2017/18	1.7	251(Provisional)	10.6 (Provisional)

¹ Building Cost Information Service (2018) *Indices and forecasts*, Royal Institute of Chartered Surveyors, London <http://www.rics.org/uk/knowledge/bcis/about-bcis/rebuilding/bcis-house-rebuilding-cost-index/> [accessed 1 October 2018].

² See: <http://www.swanlowpark.co.uk/retail-price-index> [accessed 1 October 2018].

³ Provided by the Department of Health, 2018.

15.3 The hospital & community health services (HCHS) index

Until 2016/2017, a hospital & community health services (HCHS) index was calculated by the Department of Health (now DHSC). The hospital and community health services (HCHS) pay and price inflation was a weighted average of two separate inflation indices: the pay cost index was calculated using the annual increase in NHS salaries and the Health Service Cost Index (HSCI) measured the price change for each of 40 sub-indices of goods and services purchased by the HCHS. These were weighted according to the proportion of expenditure on pay and prices to give the HCHS pay and prices index. In 2016, this index was discontinued, and in 2018, in collaboration with the DHSC, PSSRU have developed a new inflation index.

We have calculated the pay index using the same method, but have explored the use of four indices for a replacement prices index; GDP deflator, the retail prices index, Consumer Prices Index (CPI) and the CPI (Health) index. These were weighted using the 2017/2018 NHS Foundation Trust consolidated accounts which showed that 72 per cent of health expenditure is allocated to pay and 28 per cent to non-pay items. Table 16.3 provides the annual percentage increases on the previous year for three of these indices (from 2014/2015) using the new weightings, but excludes analysis carried out with the retail prices index as ONS no longer recommends its use.

The Health Services (HS) index using the CPI (Health) has been used to uprate health services in this volume, but table 16.3 provides the inflators for all three indices (see Preface).

	Annual % increases on previous year				
	Pre-2018 index	Pay index	HCHS index	NA	NA
2008/2009	5.2	3.0	3.9		
2009/2010	-1.3	1.8	0.6		
2010/2011	2.8	3.1	3.0		
2011/2012	4.1	0.9	2.1		
2012/2013	3.1	0.9	1.7		
2013/2014	1.8	0.7	1.1		
2014/2015	1.7	0.3	0.9		
2015/2016	2.7	0.3	1.3		
2016/2017	3.9	0.3	1.8		
	New prices index (using CPI Health)*	New Pay index (unchanged)	New Health Services (HS) Index using CPI (Health)	Health Services using CPI	Health Services using GDP deflator
2014/2015	2.6	0.3	0.9	0.3	0.6
2015/2016	1.9	0.3	0.8	0.5	0.4
2016/2017	2.2	0.3	0.8	0.9	0.8
2017/2018	2.5	1.0	1.4	1.3	1.2

* average for year to end July

15.4 The Personal Social Services (PSS) pay & prices index

The Adults PSS pay and prices index is calculated by the Department of Health and Social Care (DHSC). The DHSC have made significant changes to the index this year. These changes are designed to prioritise the most recent years (which show the impact of the National Living Wage) and to prioritise independent sector services, which now absorb a major share of the market.

The first change is to the **timing** of the index's three components (pay, prices and capital). Previously, the 2016/2017 index value would have comprised the April 2017 Annual Survey of Hours and Earnings (ASHE) pay change on previous year, the 2016/2017 HM Treasury GDP Deflator change on previous year, and the average of 2016 quarterly changes on the average of 2015 quarterly changes for the Tender Price Index of Public Sector Building Non-Housing (PUBSEC index). The National Minimum Wage and National Living Wage now increase at the start of April each year, rather than in October. For 2016/2017, ASHE pay change is now calculated as April 2016 change on previous year, as minimum wage April 2016 pay rates are likely to remain for the rest of the financial year. The PUBSEC index has been slightly refined by calculating it as the average of 2016/2017 quarterly changes on the average of 2015/2016 quarterly changes. As before, pay increases for different occupations are weighted together using job numbers from Skills for Care.

The second change is to how the three Pay, Prices and Capital indices are **weighted**. A single set of weights are now used for all years of the index: 65.2 per cent pay, 23.7 per cent prices, and 11.2 per cent capital. These are derived by combining pay, prices and capital splits for several different service types (such as for care homes using LaingBuisson data) using expenditure weights

derived from the 2016-2017 Adult Social Care Finance Return (ASC-FR) published by NHS Digital. The previous approach involved a complex set of assumptions and showed little change across years. The use of the same weights for local authority run services is a potentially inaccurate simplification, though they are now less common and recent conclusive data on costs is not available.

The timing changes are the more significant of the two. The changes make the index more consistent, better capture the impact of the National Living Wage, and make the index more timely (for example, this year's volume uses the 2017/2018 index value rather than 2016/2017). The index values for certain years have changed significantly, although changes calculated over longer periods are less significant.

15.4.1 The PSS annual percentage increases for adult services (all sectors)

Year	PSS all sectors, adults only ¹		
	Annual % increases on previous year		
	Pay & prices (excluding capital)	Pay & prices (including capital)	Pay
2007/2008	4.4	4.9	5.1
2008/2009	2.9	2.5	3.0
2009/2010	2.1	0.7	2.4
2010/2011	2.1	2.1	2.2
2011/2012	0.1	0.4	-0.4
2012/2013	0.6	1.0	0.2
2013/2014	1.0	1.5	0.7
2014/2015	1.0	1.6	0.9
2015/2016	1.9	1.8	2.3
2016/2017	3.4	4.0	3.8
2017/2018	2.6	3.5	2.9

15.4.2 The PSS annual percentage increases for adult local authority services

Year	PSS local authority, adults only ¹		
	Annual % increases on previous year		
	Pay & prices (excluding capital)	Pay & prices (including capital)	Pay
2007/2008	4.1	4.7	4.7
2008/2009	3.1	2.6	3.2
2009/2010	2.1	0.6	2.3
2010/2011	1.9	1.9	1.9
2011/2012	0.5	0.8	0.2
2012/2013	0.4	0.8	-0.1
2013/2014	1.5	2.0	1.4
2014/2015	1.0	1.6	0.9
2015/2016	3.2	3.0	4.1
2016/2017	1.2	2.1	0.9
2017/2018	2.6	3.5	3.0

15.4.3 The PSS annual percentage increases for adult independent services

Year	PSS independent care, adults only ¹		
	Annual % increases on previous year		
	Pay & prices (excluding capital)	Pay & prices (including capital)	Pay
2010/2011	2.1	2.1	2.2
2011/2012	0.0	0.4	-0.4
2012/2013	0.7	1.1	0.2
2013/2014	0.9	1.4	0.6
2014/2015	1.0	1.6	0.9
2015/2016	1.8	1.7	2.1
2016/2017	3.6	4.2	4.1
2017/2018	2.6	3.5	2.9

¹ Provided by the Department of Health, 2018.

16. NHS staff earnings estimates¹

16.1 Mean annual basic pay per FTE for non-medical occupational groupings, NHS England

	Mean annual basic pay per FTE
Ambulance staff	£25,252
Administration and estates staff	£28,299
Healthcare assistants and other support staff	£17,409
Nursing, midwifery and health visiting staff	£29,631
Nursing, midwifery and health visiting learners	£20,785
Scientific, therapeutic and technical staff	£32,026
Healthcare scientists	£29,662

16.2 Mean annual basic pay per FTE for nursing, midwifery & health visiting staff by Agenda for Change band, NHS England

	Mean annual basic pay per FTE
Band 2	
Band 3	
Band 4	£20,197
Band 5	£26,231
Band 6	£32,563
Band 7	£39,039
Band 8a	£45,981
Band 8b	£54,766
Band 8c	£64,098
Band 8d	£75,384
Band 9	£89,624

16.3 Mean annual basic pay per FTE for allied health professional staff by Agenda for Change band, NHS England

	Mean annual basic pay per FTE
Band 4	£21,748
Band 5	£23,625
Band 6	£31,838
Band 7	£39,181
Band 8a	£46,685
Band 8b	£55,863
Band 8c	£65,824
Band 8d	£79,941
Band 9	£97,387

¹ Salaries have been provided by NHS Digital and more specific enquiries relating to pay by grade or staff group should be directed to them: <https://digital.nhs.uk/>.

16.4 Mean annual basic pay per FTE for administration and estates staff by Agenda for Change band, NHS England

	Mean annual basic pay per FTE
Band 1	£15,616
Band 2	£17,099
Band 3	£18,835
Band 4	£21,674
Band 5	£25,792
Band 6	£31,404
Band 7	£37,725
Band 8a	£45,458
Band 8b	£54,389
Band 8c	£64,505
Band 8d	£77,677
Band 9	£94,102

16.5 Mean annual basic pay per FTE for NHS staff groups

	Mean basic salary per full-time equivalent
All nurses, midwives and health visiting staff	
Qualified	£31,688
Nursery nurses and nursing assistants	£18,517
Science technical & therapeutic staff (ST&T): allied health professionals	
Qualified	£34,042
Unqualified	£19,363
ST&T staff: other	
Qualified	£36,399
Unqualified	£20,423
Ambulance staff	
Qualified	£27,656
Unqualified	£19,012
Former pay negotiating council groups	
Senior managers	£80,114
Managers	£50,113
Administrative & clerical staff	£23,505
Maintenance & works staff	£22,588

Source of tables 17.1-17.6: NHS Digital (2018) *NHS staff earnings estimates, 12-month period from May 2017 – April 2018* (not publicly available), NHS Digital, Leeds.

General notes for NHS earnings estimates

Inspection of data suggests that discretionary point payments are sometimes included with basic pay for consultants.

These figures represent payments made using the Electronic Staff Record to NHS Staff who are directly paid by NHS organisations. It does not include, for example, elements of pay for clinical staff which are paid to the individual by universities, or other non-NHS organisations providing NHS care.

Figures rounded to the nearest £100.

Figures based on data from all NHS organisations who are using ESR (two Foundation Trusts have not taken up ESR).

17. Examples of roles in each Agenda for Change band

Allied health professionals

Physiotherapist

Band 2	Clinical support worker (physiotherapy)
Band 3	Clinical support worker higher level (physiotherapy)
Band 5	Physiotherapist
Band 6	Physiotherapist specialist
Band 7	Physiotherapist advanced, specialist physiotherapist, physiotherapy team manager
Band 8a	Physiotherapist principal
Bands 8a-b	Physiotherapist consultant

Occupational therapist

Band 2	Clinical support worker (occupational therapy)
Band 3	Clinical support worker higher level (occupational therapy)
Band 4	Occupational therapy technician
Band 5	Occupational therapist
Band 6	Occupational therapist specialist
Band 7	Occupational therapist advanced/team manager
Band 8a	Occupational therapist principal
Bands 8a-b	Occupational therapist consultant

Speech and language therapist

Band 2	Clinical support worker (speech and language therapy)
Band 3	Clinical support worker higher level (speech and language therapy)
Band 4	Speech and language therapy assistant/associate practitioner
Band 5	Speech and language therapist
Band 6	Speech and language therapist specialist
Band 7	Speech and language therapist advanced
Band 8a	Speech and language therapist principal
Bands 8a-c	Speech and language therapist consultant

Chiropodist/Podiatrist

Band 2	Clinical support worker (podiatry)
Band 3	Clinical support worker higher level (podiatry)
Band 4	Podiatry technician
Band 5	Podiatrist
Band 6	Podiatrist specialist
Band 7	Podiatrist advanced/team manager
Band 8a	Podiatrist principal
Bands 8a-b	Podiatric registrar
Bands 8c-d	Podiatric consultant
Band 9	Podiatric consultant

Psychologist

Band 4	Clinical psychology assistant practitioner
Band 5	Clinical psychology assistant practitioner higher level, Counsellor entry level
Band 6	Clinical psychology trainee, Counsellor
Band 7	Clinical psychologist, Counsellor specialist
Bands 8a-b	Clinical psychologist principal
Bands 8a-c	Counsellor professional manager/consultant
Bands 8c-d	Clinical psychologist consultant
Bands 8d & 9	Professional lead/Head of psychology services

Pharmacist

Band 2	Pharmacy support worker
Band 3	Pharmacy support worker higher level
Band 4	Pharmacy technician
Band 5	Pharmacy technician higher level/Pharmacist entry level
Band 6	Pharmacist
Band 7	Pharmacist specialist
Bands 8a-b	Pharmacist advanced
Bands 8b-c	Pharmacist team manager
Bands 8b-d	Pharmacist consultant
Bands 8c-Band 9	Professional manager pharmaceutical services

18. Training costs of health and social care professionals

Tables 18.1 and 18.2 provide a breakdown of the training costs incurred using standard estimation approaches.¹ The investment costs of education should be included when evaluating the cost-effectiveness of different approaches to using health service staff so that all the costs implicit in changing the professional mix are considered. For the most part, these investment costs are borne by the wider NHS and individuals undertaking the training, rather than NHS trusts. The tables show details of the total investment incurred during the working life of the professional **after allowing for the distribution of the costs over time**. The expected working life of the professional, based on previous research carried out at PSSRU, has been noted in brackets in Table 18.1 after the title of the professional group.²

The cost of training for health service professionals covers both pre-registration and post-graduation training. They include the costs of tuition; infrastructure costs (such as libraries); costs or benefits from clinical placement activities; and lost production costs during the period of training where staff are away from their posts. Although further training is available to all professionals to enable them to progress to higher grades, the cost of post-graduate training is only known for doctors. Each year after registration a substantial proportion of the salary (100% or 60% depending on the level of seniority) can be attributed to the investment costs of training for subsequent stages in the doctor's career. This cost, together with additional expenditure representing infrastructure costs for maintaining post-graduate medical education, is taken as the total training cost for that year. During training Health Education England pays 50 per cent of the professional's salary plus oncosts to the employing NHS Trust.

18.1 Training costs of health and social care professionals, excluding doctors

Professional (working life in years)	Pre-registration			Totals	
	Tuition ³	Living expenses/lost production costs ⁴	Clinical placement ⁵	Total investment	Expected annual cost discounted at 3.5%
Scientific and professional					
Physiotherapist (24.3)	£26,642	£34,728	£4,742	£66,112	£5,410
Occupational therapist (23.5)	£26,642	£34,728	£4,742	£66,112	£5,419
Speech and language therapist (24.7)	£26,642	£34,728	£4,742	£66,112	£5,556
Dietitian (23.3)	£26,642	£34,728	£4,742	£66,112	£5,622
Radiographer (24.3)	£26,642	£34,728	£4,742	£66,112	£5,388
Hospital pharmacist (27.6)	£34,929	£44,588	£37,714	£117,232	£9,238
Community pharmacist (27.6)	£34,929	£44,588	£25,338	£104,855	£8,263
Psychologists (not estimated by PSSRU) ⁶					
Nurses (15.7)	£26,642	£34,728	£4,742	£66,112	£8,687
Social workers (8) (degree)	£26,642	£34,728	£6,939	£68,309	£25,417

¹ Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a ready reckoner for staff costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

² Estimates of expected working life have been calculated using the 2001 census.

³ Drawn from <https://www.kent.ac.uk/finance-student/livingcosts.html> [26/09/2017] and <https://www.independent.co.uk/news/education/university-tuition-fees-england-highest-world-compare-students-student-loan-calculator-a7654276.html> [29/09/2018] [18 October 2018].

⁴ Estimate is midway between the Kent and Oxford University 2017/18 cost of living estimates.

⁵ The placement tariff for non-medical placements is £3,112+MFF per annum in 2017/18. Gov.uk (2018) *Healthcare education and training placement tariffs 2017-2018*, https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/629492/2017-18_ET_tariff_guidance_FINAL_July_v2.pdf [accessed September, 2018].

⁶ NHS England (2016) *Review of clinical and educational psychology training arrangements*, National College for Teaching and Leadership, London.

18.2 Training costs of doctors (after discounting)

Doctors (working life in years)	Tuition	Living expenses/lost production costs	Clinical placement	Placement fee ^{1,2} plus Market Forces Factor (a)	Salary (inc overheads) and post-graduate centre costs	Total investment	Expected annual cost discounted at 3.5%
Doctors (26)							
Pre-registration training: years 1-5	£45,134	£55,024	£143,859	NA		£244,017	£19,807
Post-graduate							
Foundation officer 1 (included in pre-reg training)	£45,134	£55,024	£143,859	£10,754	£50,909	£305,680	£24,812
Foundation officer 2	£45,134	£55,024	£143,859	£20,276	£55,513	£319,807	£27,809
Registrar group	£45,134	£55,024	£143,859	£40,155	£104,669	£388,841	£39,229
Associate specialist	£45,134	£55,024	£143,859	£48,496	£140,551	£433,065	£46,268
GP	£45,134	£55,024	£143,859	NA	£149,802	£393,820	£42,075
Consultants	£45,134	£55,024	£143,859	£65,144	£207,227	£516,389	£59,219

¹ Gov.uk (2016) *Healthcare education and training placement tariffs 2017 to 2018*, https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/629492/2017-18_ET_tariff_guidance_FINAL_July_v2.pdf [accessed September, 2018].

² Placement fees for post-graduate doctors in training before discounting are: Foundation Officer 1 £12,152; Foundation Officer 2 £24,304; Registrar £48,608; Associate specialist £60,760; Consultants £85,064. Tariff for placement activity should also include a contribution to basic salary costs of 2.0408% and a market forces factor. Placement fees are not provided for GP placements.

19. Care home fees

The fees reported in this Schema have been calculated using the Laing & Buisson Care Homes Complete Dataset 2017/2018.¹ Table 1 provides the midpoints of the minimum and maximum fees for profit providers of nursing and residential homes in England, broken down by client group. It also provides the median of the minimum and maximum fee. Table 2 provides the same information but for not-for-profit providers.

Table 1 - Care home fees in England – for-profit providers

Minimum and maximum fees for 2017/2018

	Midpoint of Minimum fee	Midpoint of Maximum fee	Median of min and max fee	Midpoint of Minimum fee	Midpoint of Maximum fee	Median of min and max fee
	Nursing Homes			Residential Homes		
Brain Injury	£1,600	£3,500	£2,250			
Dementia	£784	£1,099	£942	£599	£746	£673
Learning disability	£665	£1,090	£878	£575	£1,559	£1,067
Mental health	£1,089	£1,163	£1,126	£546	£812	£679
Older people (65+)	£763	£934	£849	£570	£687	£629
Physical disability	£614	£1,535	£1,075	£487	£671	£579
Average fee for profit providers	£775	£990	£883	£598	£747	£673

Table 2 Care home fees in England – not-for-profit providers

Minimum and maximum fees for 2017/2018

	Midpoint of Minimum fee	Midpoint of Maximum fee	Midpoint between min and max fee	Midpoint of Minimum fee	Midpoint of Maximum fee	Midpoint between min and max fee
	Nursing Homes			Residential Homes		
Dementia	£1,328	£1,627	£1,478	£727	£854	£791
Learning disability	£1,250		£625	£812	£1,502	£1,157
Mental health	£709	£765	737	£432	£747	£590
Older people (65+)	£869	£1,039	£954	£649	£765	£707
Physical disability	£1,213	£2,100	£608	£1,080	£2,300	£1,690
Sensory impairment				£525	£1,417	£971
Average fee for not for profit providers	£888	£1,083	£986	£679	£842	£761

¹ Laing & Buisson (2018) *Laing & Buisson Care Homes Complete Dataset 2017/2018*, Laing & Buisson, London.

20. Time use of community care professionals

The following table provides information from an online survey carried out by PSSRU in 2014/2015 (see Preface to the *Unit Costs of Health & Social Care 2015* for more details). The link for the survey was distributed non-selectively through various channels. **Given the small sample from which the ratios of direct to indirect time have been calculated, the ratios have not been used in the unit cost calculations,** but have been tabulated here so that readers can use them where appropriate.

Community professionals	Sample size	Average number of hours worked (including unpaid overtime)	% of hours worked spent with patients	% of hours worked spent on other patient-related tasks (a)	% of hours worked spent on non-direct activities (b)	Other time (definition not provided but includes travel)	Average mileage per professional per week	Ratios of direct to indirect time on: client-related work
Nurses								
(bands 5 and 6)	44	39	54%	29%	13%	5%	102	1:0.20
(bands 7 and 8)	31	40	42%	33%	19%	6%	71	1:0.33
Physiotherapists	11	41	35%	38%	22%	5%	132	1:0.37
(bands 5-8)								
Occupational therapists	6	40	51%	36%	11%	2%	42	1:0.15
(bands 4-7)								
Speech and language therapists	7	40	38%	50%	9%	3%	84	1:0.14
(bands 5-6)								

References from past editions:

Clinical Psychologist: Ratio of face-to-face contacts to all activity: 1:1.25. Based on the National Child and Adolescent Mental Health Service Mapping data and returns from over 500 principal clinical psychologists, 44.5 per cent of time was spent on direct clinical work. (See: Department of Health (2002) National child and adolescent mental health service mapping data, Department of Health, London).

GP Practice Nurse: Ratio of direct to indirect time on face-to-face contacts to all activity: 1:0.30. Time spent on surgery consultations (67.9%), phone consultations (5.2%), clinics (2.5%) and home and care home visits (1.2%). Taken from the 2006/2007 UK General Practice Workload Survey. (See: Information Centre (2007) 2006/2007 UK General practice workload survey, Primary Care Statistics, Information Centre, Leeds).

Nurse advanced/nurse practitioners: Ratio of patient contacts to all activity: 1:0.71. Based on information provided by 27 nurse practitioners, 58% of time was spent on surgery consultations, 0.4% on home visits, 6.4% on telephone consultations and 1.4% of time was spent on getting prescriptions signed. See Cutis, L. & Netten, A. (See: The costs of training a nurse practitioner in primary care: the importance of allowing for the cost of education and training when making decisions about changing the professional mix, *Journal of Nursing Management*, 15, 4, 449-457).

- a) Includes time researching and gathering information before each patient/client contact, writing-up case notes after each patient/client contact, and liaising with or meeting with other professionals in relation to patients/clients
- b) Non-direct activities include training (either others or self), supervision and general administration.

21. Glossary

Annuitising Converting a capital investment (such as the cost of a building) into the annual equivalent cost for the period over which the investment is expected to last.

Child and adolescent mental health services (CAMHS) is a name for NHS-provided services for children with mental health needs in the UK. In the UK they are often organised around a tier system. Tier 3 services, for example, are typically multidisciplinary in nature and the staff come from a range of professional backgrounds.

Capital overheads The cost of buildings, fixtures and fittings employed in the production of a service.

Care package costs Total costs for all services received by a patient.

Department for Work and Pensions (DWP) is the largest government department in the United Kingdom, created on 8 June 2001, from the merger of the employment part of the Department for Education and Employment and the Department of Social Security and headed by the Secretary of State for Work and Pensions, a Cabinet position.

Discounting Adjusting costs using the time preference rate spread over a period of time to reflect their value at a base year.

Durables Items such as furniture and fittings.

Long-term The period during which fixed costs such as capital can be varied.

Marginal cost The cost of an additional unit of a service.

Oncosts Essential associated costs: salary oncosts, for example, include the employer's national insurance contributions.

Opportunity cost The value of the alternative use of the assets tied up in the production of the service.

Short-term The period during which durable assets cannot be immediately added to or removed from the existing stock of resources.

Time preference rate The rate at which future costs or benefits are valued in comparison to current or base year's costs or benefits.

Overheads

NHS overheads

Management and other non-care staff overheads include administration and estates staff.

Non-staff overheads include costs to the provider for office, travel/transport and telephone, education and training, supplies and services (clinical and general), as well as utilities such as water, gas and electricity.

Local authority overheads

Direct overheads include costs to the provider for administration and management, as well as for office, training and utilities such as water, gas and electricity.

Indirect overheads include general management and support services, such as finance and human resource departments.

SSMSS Social services management and support services: overhead costs incurred by a local authority, as defined by CIPFA guidelines. These include indirect overheads such as finance and personnel functions.

Time use and unit costs

Per average stay Cost per person for the average duration of a typical stay in that residential facility or hospital.

Per client/patient hour Cost of providing the service for one hour of client/patient attendance. The costs of time not spent with clients are allocated to the time spent with clients.

Per clinic visit Cost of one client attending a clinic. This allows for overall time spent on non-clinical activity to be allocated to the total time spent with clients in any setting.

Per consultation Cost per attendance in a clinic or surgery. This also allows for overall time spent on non-clinical activity to be allocated to the total time spent with clients.

Fee per resident week For example, in care homes the fee charged is assumed to include care costs, accommodation and hotel costs, ancillary costs and operator's profit.

Per example episode Cost of a typical episode of care, comprising several hours of a professional's time.

Per home visit Cost of one visit to a client/patient at home. This includes the cost of time spent travelling for the visit, the proportion of time spent on non-clinical activity which is attributable to visiting patients in their own home, and the time spent on visiting patients at home.

- Per hour of home visiting** Cost of one hour spent by a professional undertaking visits to clients/patients at home. This includes the cost of time spent travelling. It also allows for overall time spent on non-clinical/patient activity to be allocated to the total time spent with clients/patients in any setting.
- Per hour in clinic** Cost of one hour spent by a professional in a clinic. Time spent on non-clinical activity is allocated to the total time spent with clients/patients in any setting.
- Per hour of direct contact/per hour of face-to-face contact** Hourly cost of time spent with, or in direct contact with, the client/patient. Some studies include travel time in this cost. When this is the case, it has been noted in the schema.
- Per hour on duty** Hourly cost of time spent by a hospital doctor when on duty. This includes time spent on call when not actually working.
- Per hour worked** Hourly cost of time spent by a hospital doctor when working. This may be during the normal working day or during a period of on-call duty.
- Per inpatient day** Cost per person of one day and overnight in hospital.
- Per patient day** Cost per person of receiving a service for one day and overnight.
- Per procedure** Cost of a procedure undertaken in a clinic or surgery. This includes the cost of time spent on non-clinical activity and the total time spent with clients.
- Per resident week** Cost per person per week spent in a residential facility.
- Per client attendance** Cost per person per attendance.
- Per client session** Cost for one person attending one session. The length of a session will be specified in the schema and may vary between services.
- Per short-term resident week** Total weekly cost of supporting a temporary resident of a residential facility.
- Price base** The year to which cost information refers.
- Ratio of direct to indirect time spent on client/patient-related work/direct outputs/face-to-face contact/clinic contacts/home visits** The relationship between the time spent on direct activities (such as face-to-face contact) and time spent on other activities. For example, if the ratio of face-to-face contact to other activities is 1:1.5, each hour spent with a client requires 2.5 paid hours.

22. References

- Adams, E., Ehrlich, A., Turner, K., Shah, K., Macleod, J., Goldenberg, S., Meray, R., Pearch, V. & Horner, P. (2014) Mapping patient pathways and estimating resource use for point of care versus standard testing and treatment of chlamydia and gonorrhoea in genitourinary medicine clinics in the UK, *BMJ Open*, bmjopen-2014-005322, <http://bmjopen.bmj.com/content/4/7/e005322> [accessed 12 October 2017].
- Baginsky, M., Moriarty, J., Manthorpe, J., Stevens, M., MacInnes, T. & Nagendran, T. (2010) *Social workers' workload survey, messages from the frontline, findings from the 2009 survey and interviews with senior managers*, Children's Workforce Development Council, King's College, University of London, New Policy Institute.
- Ball, J. (2005) *Maxi Nurses. Advanced and specialist nursing roles, results from a survey of RCN members in advanced and specialist nursing roles*, Royal College of Nursing, London.
- Ball, J. & Philippou, J. with Pike, G. & Sethi, J. (2014) *Survey of district and community nurses in 2013*, Report to the Royal College of Nursing, King's College London.
- Barrett, B., Byford, S., Sharac, J., Hudry, K., Leadbitter, K., Temple, K., Aldred, C., Slonims, V., Green, J. & the PACT Consortium (2012) Service and wider societal costs of very young children with autism, *Journal of Autism and Developmental Disorders*, 42, 5, 797-804.
- Bauer, A., Fernandez, J.L., Knapp, M. & Anigbogu, B. (2013) *Economic Evaluation of an "Experts by Experience" Model in Basildon District*, http://www.turning-point.co.uk/media/23691/basildon_lse_report.pdf [accessed 20 November 2014]
- Bauer, A., Wistow, G., Dixon, J. & Knapp, M. (2014) Investing in advocacy for parents with learning disabilities: what is the economic argument? *British Journal of Learning Disabilities*, doi: 10.1111.bld.12089.
- Bauer, A., Knapp, M. & Parsonage, M. (2016) Lifetime costs of perinatal anxiety and depression, *Journal of Affective Disorders*, 192, 83-90. http://eprints.lse.ac.uk/64685/2/Bauer_Lifetime%20costs_2015.pdf [accessed 17 October 2017].
- Bedfordshire Police (2012) *2012/13 Fees and charges handbook*, http://www.bedfordshire.police.uk/PDF/bedfordshire_fees_and_charges.pdf [accessed 9 October 2013].
- Beecham, J., Sloper, P., Greco, V. & Webb, R. (2007) The costs of key worker support for disabled children and their families, *Child: Care, Health and Development*, 33, 5, 611-618.
- Beecham, J., Perkins, M., Snell, T. & Knapp, M. (2009) Treatment paths and costs for young adults with acquired brain injury in the United Kingdom, *Brain Injury*, 23, 1, 30-38.
- Beresford, B., Stuttard, L., Clarke, S., Maddison, J. & Beecham, J. (2012) *Managing behaviour and sleep problems in disabled children: An investigation into the effectiveness and costs of parent-training interventions*, Research Report DFE-RR204a, Department for Education, London.
- Bollington, L. & John, D. (2012) *Pharmacy education and training in the hospital service in Wales: Identifying demand and developing capacity*, STS Publishing, Cardiff.
- Bonin, E. & Beecham, J. (2012) Costing multi-site , group-based CBT workshops, in L.Curtis (ed.) *Unit Costs of Health and Social Care 2012*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Bonin, E., Stevens, M., Beecham, J., Byford, S. & Parsonage, M. (2011) Costs and longer-term savings of parenting programmes for the prevention of persistent conduct disorder: a modelling study, *BMC Public Health*, 11, 803 doi:10.1186 1471-2458-11-803.
- Bonin, E., Beecham, J., Dance, C. & Farmer, E. (2013) Support for adoption: the first six months, *British Journal of Social Work*, published online 28 February 2013.
- British Association of Social Workers (2011) *Social work careers*, British Association of Social Workers, www.basw.co.uk/social-work-careers/ [accessed 25 July 2013].
- British Medical Association (2008) *Staff and associate specialists committee newsletter*, http://www.bma.org.uk/news/branch_newsletters/staff_associates_newsletter/sascnewsletter1008.jsp [accessed 25 July 2013].
- British Medical Association (2008) *Your contract, your decision*, BMA staff and associate specialists group, <http://www.bma.org.uk/> [accessed 25 July 2013].
- British Medical Association (2009) *Glossary of doctors*, http://www.bma.org.uk/patients_public/whoswho_healthcare/glossdoctors.jsp [accessed 25 July 2013].
- British Society of Rehabilitation Medicine (2015) *Specialised neurorehabilitation service standards*, BSRM London.
- British Society of Rehabilitation Medicine (2013) *Core standards and major trauma*, London: <http://www.bsrm.co.uk/Publications.html#BSRMstandards> [accessed 10 November 2015]

- Building Cost Information Service (2017) *Indices and forecasts*, BCIS, Royal Institute of Chartered Surveyors, London.
- Building Cost Information Service (2017) *Surveys of tender prices*, BCIS, Royal Institute of Chartered Surveyors, London.
- Butler, C. & Holdsworth, L. (2013) Setting up a new evidence-based hospice-at-home service in England, *International Journal of Palliative Nursing*, 19, 7, 355-359.
- Campbell, J., Fletcher, E., Britten, N., Green, C., Holt, T., Lattimer, V., Richards, D., Richards, S., Salisbury, C., Calitri, R., Bowyer, V., Chaplin, K., Kandiyali, R., Murdock, J., Roscoe, J. Varley, A., Warren, F. & Taylor, R. (2014) Telephone triage for management of same-day consultation requests in general practice (the ESTEEM trial): a cluster-randomised controlled trial and cost-consequence analysis, *The Lancet*, 384 (9957), 1859-1866
- Cary, M., Butler, S., Baruch, G., Hickey, N. & Byford, S. (2013) Economic evaluation of multisystemic therapy for young people at risk for continuing criminal activity in the UK, *PLoS One*, 8, 4, e61070, doi:10.1371/journal.pone.0061070. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0061070> [accessed 11 November 2014].
- Children and Families Act 2014, <http://services.parliament.uk/bills/2013-14/childrenandfamilies.html> [accessed 18 November 2014.]
- Children's Society, The (2016) Advocacy Service Model (not released publicly).
- Children's Society, The (2017) Counselling Service Model (not available publicly).
- Clinical Reference Group Specialist Services Specification (2012) *Specialist rehabilitation for patients with highly complex needs*, London <http://www.england.nhs.uk/commissioning/spec-services/npc-crg/group-d/d02/> [accessed 10 November 2015].
- Cockayne, S., Pattenden, J., Worthy, G., Richardson, G. & Lewin, R. (2014) Nurse facilitated self-management support for people with heart failure and their family carers (SEMAPHFOR): a randomised controlled trial, *International Journal of Nursing Studies*, 51, 1207-1213.
- Craft, A. & Killen, S. (2007) *Palliative care services for children and young people in England*, Department of Health, London. http://www.rcn.org.uk/_data/assets/pdf_file/0012/488991/004_328.pdf [accessed 10 September 2013].
- Curtis, L. (2007) *Unit Costs of Health and Social Care 2007*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Curtis, L. (2008) *Unit Costs of Health and Social Care 2008*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Curtis, L. (2010) *Unit Costs of Health and Social Care 2010*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Curtis, L. (2011) *Unit Costs of Health and Social Care 2011*, Personal Social Services Research Unit, University of Kent: Canterbury.
- Curtis, L. (2013) *Unit Costs of Health and Social Care 2013*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Curtis, L. (2014) *Unit Costs of Health and Social Care 2014*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Curtis, L. & Netten, A. (2007) The costs of training a nurse practitioner in primary care: the importance of allowing for the cost of education and training when making decisions about changing the professional mix, *Journal of Nursing Management*, 15, 4, 449-457.
- Curtis, L., Moriarty, J. & Netten, A. (2010) The expected working life of a social worker, *British Journal of Social Work*, 40, 5, 1628-1643.
- Curtis, L., Moriarty, J. & Netten, A. (2012) The costs of qualifying a social worker, *British Journal of Social Work*, 42, 4, 706-724.
- Dance, C., Ouwejan, D., Beecham, J. & Farmer, E. (2008) *Adoption agency linking and matching practice in adoption in England and Wales*, Survey Findings, Department for Education, Research Brief DCSF-RBX-16-08. <https://www.education.gov.uk/publications/standard/publicationDetail/Page1/DCSF-RBX-16-08/> [accessed 25 July 2013].
- Dance, C., Ouwejan, D., Beecham, J. & Farmer, E. (2010) *Linking and Matching: a survey of adoption agency practice in England and Wales*, BAAF, London.
- Darton, R., Forder, J., Bebbington, A., Netten, A., Towers, A-M. & Williams, J. (2006) *Analysis to support the development of the relative needs formula for older people*, PSSRU Discussion Paper 2265/3, Personal Social Services Research Unit, University of Kent, Canterbury.

- Darton, R., Bäumker, T., Callaghan, L. & Netten, A. (2011) *The PSSRU evaluation of the extra care housing initiative: technical report*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Department for Children, Schools & Families (2008) *Aiming high for disabled children: short breaks implementation guidance*, Department for Children, Schools & Families, London.
- Department for Children, Schools & Families (2010) *IRO Handbook, Statutory guidance for independent reviewing officers and local authorities on their functions in relation to case management and review for looked after children*, Department for Children, Schools & Families.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/273995/iro_statutory_guidance_iros_and_las_march_2010_tagged.pdf (accessed 8 July 2014).
- Department for Education (2012) *Children in care*, Department for Education, London.
<http://www.education.gov.uk/childrenandyoungpeople/safeguardingchildren/a0068940/children-in-care/> [accessed 10 September 2013].
- Department for Education (2012) *Children's homes in England data pack*, Department for Education, London.
<http://media.education.gov.uk/assets/files/pdf/c/childrens%20homes%20data%20pack%20march%202012.pdf> [accessed 15 July 2013].
- Department for Education (2013) *Children's homes datapack*, Department for Education, London.
<http://www.education.gov.uk/childrenandyoungpeople/families/childrenincare/childrenshomes/a00192000/childrens-homes-data-pack/> [accessed 15 July 2013].
- Department for Education (2013) *Data pack: improving permanence for looked after children*, Department for Education, London. <http://www.education.gov.uk/a00227754/looked-after-children-data-pack/> [accessed 1 October 2013].
- Department for Education (2014) *Children's social care innovation programme*, Department for Education, London.
<https://www.gov.uk/government/publications/childrens-services-innovation-programme> [accessed 17 July 2014].
- Department for Education (2014) *Underlying data of the section 251 data archive: outturn summary 2013-14*, Department for Education, London. <https://www.gov.uk/government/publications/section-251-outturn-2013-to-2014-data> [accessed 14 October 2015].
- Department for Education (2015) *Children looked after in England including adoption and care leavers, year ending 31 March 2014, SSDA903*, Department for Education, London. Data provided by DfE. .
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/359277/SFR36_2014_Text.pdf
- Department of Health (2008) *End-of-life care strategy: promoting high quality care for adults at the end of their life*, Department of Health, London. <https://www.gov.uk/government/publications/end-of-life-care-strategy-promoting-high-quality-care-for-adults-at-the-end-of-their-life> [accessed 17 July 2014].
- Department of Health (2010) *Achieving world class productivity in the NHS, 2009/10-2013/14: the McKinsey Report*, Department of Health, London.
- Department of Health (2010) *A vision for adult social care: capable communities and active citizens*, Department of Health, London.
- Department of Health (2010) *NHS dental contract: proposals for pilots*, Department of Health, London.
https://www.bda.org/dentists/policy-campaigns/research/nat-init/pilots/Documents/dh_proposals_2010.pdf [accessed 9 October 2017].
- Department of Health (2011) *Advice note on nursing care bands*, Department of Health, London.
- Department of Health (2011) *Commissioning services for people with dementia*, Department of Health, London.
http://webarchive.nationalarchives.gov.uk/+www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/Browsable/DH_127381 [accessed 25 July 2013].
- Department of Health (2011) *Whole Systems Demonstrator programme*, Department of Health, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/215264/dh_131689.pdf [accessed 16 July 2013].
- Department of Health (2012) *Caring for our future*, Department of Health, London.
<http://www.dh.gov.uk/health/2012/07/careandsupportwhitepaper/> [accessed 25 July 2013].
- Department of Health (2012) *Caring for our future: reforming care and support* (2012), Department of Health, London.
<https://www.gov.uk/government/publications/caring-for-our-future-reforming-care-and-support> [accessed 17 July 2014].

- Department of Health (2012) *NHS reference costs 2011-2012*, Department of Health, London.
<https://www.gov.uk/government/publications/nhs-reference-costs-financial-year-2011-to-2012> [accessed 9 October 2017].
- Department of Health (2013) *A Framework for sexual health improvement in England*, Department of Health, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/142592/9287-2900714-TSO-SexualHealthPolicyNW_ACCESSIBLE.pdf [accessed 12 October 2017].
- Department of Health (2013) *Guide to the healthcare system in England, including the statement of NHS accountability*, Department of Health, London. <https://www.gov.uk/government/publications/guide-to-the-healthcare-system-in-england/> [accessed 11 July 2013].
- Department of Health (2013) Personal correspondence with the Department of Health. Charging for residential accommodation guide, Department of Health, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/301250/CRAG_34_April_2014.pdf [accessed 9 October 2014].
- Department of Health (2014) *The Care Act*, The Stationery Office, London.
- Department of Health (2015) *NHS reference costs 2013-2014*, Department of Health, London.
<https://www.gov.uk/government/publications/nhs-reference-costs-2013-to-2014> [accessed 4 October 2015].
- Department of Health (2016) *NHS reference costs 2014-2015*, Department of Health, London.
<https://www.gov.uk/government/publications/nhs-reference-costs-2014-to-2015> [accessed 4 October 2017].
- Department of Health (2017) *The Government's mandate to NHS England for 2017-18*, Department of Health, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/601188/NHS_Mandate_2017-18_A.pdf [accessed 12 October 2017].
- Department of Health, Social Services and Public Safety (2003) *The new NHS/HPSS pay system*, March 2003, Department of Health, Social Services and Public Safety, London.
- Development Economics (2013) *Unprotected Nation, The financial and economic impacts of restricted contraceptive and sexual health services*. <https://www.myhealth.london.nhs.uk/sites/default/files/Unprotected%20Nation.pdf> [accessed 12 October 2017].
- Directgov (2014) *The national minimum wage rates*,
www.direct.gov.uk/en/Employment/Employees/TheNationalMinimumWage/DG_10027201/ [accessed 17 November 2014].
- Ekers, D., Godfrey, C., Gilbody, S., Parrott, S., Richards, D., Hammond, D. & Hayes, A. (2011) Cost utility of behavioural activation delivered by the non-specialist, *British Journal of Psychiatry*, 199, 510-511, doi:10.1192/bjp.bp.110.090266.
- English housing survey headline report 2012-2013: tables <http://www.gov.uk/government/statistics/english-housing-survey-2012-to-2013-headline-report> [accessed 13 November 2014].
- Farmer, E., Sturgess, W., O'Neill, T. & Wijedasa, D. (2011) *Achieving successful returns from care: what makes reunification work?* British Association for Adoption and Fostering, London.
- Farmer, A., Williams, V., Verlardo, C., Ahmar Shah, S. Mee Yu, L., Rutter, H., Jones, L., Williams, N., Heneghan, C., Price, J., Hardinge, M. & Tarassenko, L. (2017) Self-management support using a digital health system compared with usual care for chronic obstructive pulmonary disease: randomized controlled trial, *Journal of Medical Internet research*, https://www.jmir.org/article/viewFile/jmir_v19i5e144/2
- Ford, T., Edwards, V., Sharkey, S., Ukoumunne, O., Byford, S., Norwich, B. & Logan, S. (2012) Supporting teachers and children in schools: the effectiveness and cost-effectiveness of the incredible years teacher classroom management programme in primary school children: a cluster randomised controlled trial, with parallel economic and process evaluations, *BMC Public Health* 2012, 12:719, doi:10.1186/1471-2458-12-719.
- Forder, J., Jones, K., Glendinning, C., Caiels, J., Welch, E., Baxter, K., Davidson, J., Windle, K., Irvine, A., King, D. & Dolan, P. (2012) *Evaluation of the personal health budget pilot programme*, PSSRU, University of Kent, Canterbury.
- Fostering Network (2013) *Unit costs of support care*, London.
- Fostering Network Wales Strengthening Families Support Care Project (2013) *Unit costs of support care*, http://www.fostering.net/sites/www.fostering.net/files/resources/wales/unit_costs_of_support_care.pdf [accessed 17 October 2013].
- France, A., Munro, E. & Waring, A. (2010) *The evaluation of arrangements for effective operation of the new local safeguarding children boards in England*, Final Report, Department for Education, London.

- Franklin, M., Berdunov, V., Edmans, J., Conroy, S., Gladman, J., Tanajewski, L., Gkountouras, G. & Elliott, R. (2014) Identifying patient-level health and social care costs for older adults discharged from acute medical units in England, *Age & Ageing*, 43, 703-707.
- General Dental Council (2013) *Continuing professional development for dental professionals*, <http://www.gdc-uk.org/Dentalprofessionals/CPD/Documents/GDC%20CPD%20booklet.pdf> [accessed 30 July 2014].
- General Dental Council (2013) *Direct access guidance*, <http://www.gdc-uk.org/Newsandpublications/factsandfigures/Documents/Direct%20Access%20guidance%20UD%20May%202014.pdf> [accessed 17 July 2014].
- Georgiou, T., Davies, S., Davies, A. & Bardsley, M. (2012) *Understanding patterns of health and social care at the end of life*, Nuffield Trust, London, <http://www.nuffieldtrust.org.uk/publications/health-social-care-end-life/> [accessed 15 July 2013].
- Glendinning, C., Jones, K., Baxter, K., Rabiee, P., Curtis, L., Wilde, A., Arksey, H. & Forder, J. (2010) *Home care re-ablement services: investigating the longer-term impacts (prospective longitudinal study)*. <https://www.york.ac.uk/inst/spru/research/pdf/Reablement.pdf> [accessed 24 October 2017].
- Hann, M., Santos, R., Sutton, M., Gravelle, H. & Sibbald, B. (2011) *Sixth national GP workforce survey*, Final Report, NPCRDC, Manchester.
- Hassiotis, A., Strydom, A., Crawford, M., Hall, I., Omar, R., Vickerstaff, V., Hunter, R., Crabtree, J., Cooper, V., Biswas, A., Howie, W. & King, M. (2014) Clinical and cost effectiveness of staff training in Positive Behaviour Support (PBS) for treating challenging behaviour in adults with intellectual disability: a cluster randomised controlled trial, *BMC Psychiatry*, 14: 219.
- HM Government (2011) *Giving White Paper*, https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/78915/giving-white-paper2.pdf [accessed 17 July 2014].
- HM Treasury (2013) *Spending round 2013*, https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/209036/spending-round-2013-complete.pdf [accessed 17 July 2014].
- Health and Social Care Act (2012) *Health and Social Care Act 2012*, <http://www.legislation.gov.uk/ukpga/2012/7/contents/enacted/> [accessed 11 July 2013].
- Health & Social Care Information Centre (2013) *A guide to NHS dental publications*, <http://www.hscic.gov.uk/catalogue/PUB13061/nhs-dent-stat-eng-2013-14-firs-quar-rep-beg-gui.pdf> [accessed 30 July, 2014].
- Health & Social Care Information Centre (2013) *Dental earnings and expenses 2012/13 Additional Analysis*, <http://www.hscic.gov.uk/catalogue/PUB14920> [accessed 3 November 2014].
- Health & Social Care Information Centre (2013) *Electronic records system estimates June 2013*, Health & Social Care Information Centre, Leeds.
- Health & Social Care Information Centre (2013) *General practice staff 2012*, Health & Social Care Information Centre, Leeds.
- Health & Social Care Information Centre (2013) *GP earnings and expenses 2009/2010*, Health & Social Care Information Centre, Leeds, <http://www.hscic.gov.uk/article/2268/NHS-Occupation-Codes/> [accessed 10 September 2013].
- Health & Social Care Information Centre (2013) *NHS dental statistics for England: 2012/13*, <http://www.hscic.gov.uk/catalogue/PUB11625/nhs-dent-stat-eng-12-13-rep-v2.pdf> [accessed 1 November 2014].
- Health & Social Care Information Centre (2013) *NHS staff earnings estimates to March 2013*, <https://catalogue.ic.nhs.uk/publications/workforce/earnings/nhs-staff-earn-mar-2013/nhs-staf-earn-est-to-Mar-2013.pdf> [accessed 11 July 2013].
- Health & Social Care Information Centre (2013) *PSS EX1 2012/13*, Health & Social Care Information Centre, Leeds.
- Health & Social Care Information Centre (2014) *Dental working hours, 2012/13 & 2013/14 initial analysis*, <http://www.hscic.gov.uk/catalogue/PUB14929> [accessed 3 November 2014].
- Health & Social Care Information Centre (2014) *Community care statistics: social services activity, England, 2014-15*, Health & Social Care Information Centre, Leeds.
- Health & Social Care Information Centre (2014) *GP earnings and expenses 2012/2013*, Health & Social Care Information Centre, Leeds.
- Health & Social Care Information Centre (2014) *NHS staff earnings estimates June 2014*, Health & Social Care Information Centre, Leeds.

- Health & Social Care Information Centre (2015) *Sickness absence rates in the NHS: to June 2015*, Health & Social Care Information Centre, Leeds.
- Health Education England (2016) *Review of clinical and educational psychology training arrangements*, Health Education England & National College for Teaching & Leadership, London.
- Higgins, S., Lanfear, J. & Goodwin, M. (2006) Qualifying the role of nurse specialists in epilepsy: data from diaries and interviews, *British Journal of Neuroscience Nursing*, 2, 5, 239-245.
- HM Treasury (2015) *The Green Book: appraisal and evaluation in central government*, HM Treasury, London.
- Holmes, L. (2014) *Supporting children and families returning home from care*, Centre for Child and Family Research, Loughborough University.
- Holmes, L. & McDermid, S. (2010) The costs of short break provision, in L. Curtis (ed.) *Unit Costs of Health and Social Care 2011*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Holmes, L. & McDermid, S. (2012) *Understanding costs and outcomes in child welfare services: a comprehensive costing approach to managing your resources*, Jessica Kingsley, London.
- Holmes, L. & Soper, J. (2010) *Update to the cost of foster care*, Loughborough University, Loughborough. http://www.fostering.net/sites/www.fostering.net/files/public/resources/reports/update_cost_foster_care.pdf [accessed 25 July 2013].
- Holmes, L., McDermid, S. & Sempik, J. (2009) *The costs of short break provision: report to the Department for Children, Schools & Families*, Centre for Child and Family Research, Loughborough University, Loughborough.
- Holmes, L., Ward, H. & McDermid, S. (2012) Calculating and comparing the costs of multidimensional treatment foster care in English local authorities, *Children and Youth Services Review*, 34, 2141-2146.
- Iemmi, V., Knapp, M., Saville, M., McWade, P., McLennan, K. & Toogood, S. (2015) Positive behavioural support for adults with intellectual disabilities and behaviour that challenges: an initial exploration of the economic case, *International Journal of Positive Behavioural Support*, 5,1, 16-25.
- Information Centre (2010) *Community care statistics 2008, home care services for adults, England*, Health & Social Care Information Centre, Leeds.
- Information Centre (2013) *Dental earnings and expenses: England and Wales, 2011/12*, <http://www.hscic.gov.uk/catalogue/PUB11473/dent-earn-expe-eng-wale-2011-12-rep.pdf> [accessed 30 July 2014].
- Jackson, L., Roberts, T., Fuller, S., Sutcliffe, L., Saunders, J., Copas, A., Mercer, C., Cassell, J. & Estcourt, C. (2014) Exploring the costs and outcomes of sexually transmitted infection (STI) screening interventions targeting men in football club settings: preliminary cost-consequence analysis of the SPORTSMART pilot randomised controlled trial, *British Medical Journal*. <http://dx.doi.org/10.1136/sextrans-2014-051719>
- Jelicic, H., La Valle, I. & Hart, D. with Holmes, L. (2014) *The role of Independent Reviewing Officers (IROs) in England*, National Children's Bureau, London.
- Killaspay, H., Marston, L., Green, N., Harrison, I., Lean, M., Holloway, F., Craig, T., Leavey, G., Arbuthnott, M., Koeser, L., McCrone, P., Omar, R. & King, M. (2015) Clinical outcomes and costs for people with complex psychosis; a naturalistic prospective cohort study of mental health rehabilitation service users in England, *BMC Psychiatry*, s12888-016-0797-6.
- Knapp, M., McDaid, D. & Parsonage, M. (2011) *Mental health promotion and mental illness prevention: the economic case*, Department of Health, London. www.lse.ac.uk/LSEHealthAndSocialCare/pdf/MHPP%20The%20Economic%20Case.pdf [accessed 25 July 2013].
- Knapp, M., Bauer, A., Perkins, M. & Snell, T. (2013) Building community capital in social care: is there an economic case? *Community Development Journal*, 48, 2, 213-331.
- Knapp, M., Iemmi, V. & Romeo, R. (2013) Dementia care costs and outcomes: a systematic review, *International Journal of Geriatric Psychiatry*, 28(6):551-61. Doi:10.1002/gps.3864. Epub 2012 Aug 12.
- Laing & Buisson (2011) *Illustrative cost models in learning disabilities social care provision*, Department of Health, London, http://www.laingbuisson.co.uk/portals/1/media_packs/Fact_Sheets/Illustrative_Costs_PLD.pdf [accessed 11 July 2013].
- Laing & Buisson (2011) *2010 Care homes complete data*, Laing & Buisson, London.
- Laing & Buisson (2012) *Actual costs of residential care in Sefton*, Laing & Buisson, London.
- Laing & Buisson (2012) *Care of Elderly People UK Market Survey 2011-12, 24th Edition*
- Laing & Buisson (2013) *Councils rely on a 'hidden tax' on older care home residents*, <http://www.laingbuisson.co.uk/MediaCentre/PressReleases/CareofElderly201213PressRelease.aspx> [accessed 15 July 2013].
- Laing & Buisson (2014) *Care Act could open floodgates to a new 'top up' market in care homes*, Laing & Buisson, London.

- Laing & Buisson (2014) *Care of elderly people: UK Market Survey 2013/2014*, Laing & Buisson, London.
- Liddle, M. (1998) *Wasted lives: counting the cost of juvenile offending*, National Association for the Care and Resettlement of Offenders (NACRO), London.
- Local Government Association Analysis and Research (2012) *Local government earnings survey 2012/2013*, Local Government Association, London.
- Local Government Association (2014) Local government pay and workforce research, <http://www.local.gov.uk/research-pay-and-workforce/> [accessed 16 October 2014].
- Local Government Employers (2010) *Local government sickness absence levels and causes survey 2008-2009*, Local Government Association, London.
- Local Government Employers (2012) *Green Book: national agreement on pay and conditions of service*, Local Government Association, London, <http://www.lge.gov.uk/lge/core/page.do?pageId=119175/> [accessed 25 July 2013].
- Local Government Pension Scheme Advisory Board (2013) *Fund Valuations 2013*, LGPS Advisory Board, London. <http://www.lgpsboard.org/index.php/fund-actuarial-valuations-2013> [accessed 12 November 2015].
- McDermid, S. & Holmes, L. (2013) *The cost effectiveness of action for children's intensive family support services*, Final Report, Centre for Child and Family Research, Loughborough University. <http://socialwelfare.bl.uk/subject-areas/services-client-groups/families/actionforchildren/153741intensive-family-support-cost-effectiveness-full-report.pdf> [accessed 3 October 2013].
- Mejia, A., Richardson, G., Pattenden, J., Cockayne, S. & Lewin, R. (2014) Cost-effectiveness of a nurse facilitated, cognitive behavioural self-management programme compared with usual care using a CBT manual alone for patients with heart failure: secondary analysis of data from the SEMAPHOR trial, *International Journal of Nursing Studies*, 51, 1214-1220.
- Mickelborough, P. (2011) *Domiciliary care, UK market report*, Laing & Buisson, London.
- Ministry of Housing, Communities & Local Government (2018) *Land value estimates for policy appraisal 2017*, <https://www.gov.uk/government/publications/land-value-estimates-for-policy-appraisal-2017> [accessed 25 September 2018].
- Monitor (2013) *A guide to the market forces factor*, <https://www.gov.uk/government/publications/guide-to-the-market-forces-factor-201415> [accessed 1 December 2015].
- Monitor (2016) *NHS National Tariff Payment System 2016/17*, <https://www.gov.uk/government/publications/nhs-national-tariff-payment-system-201617> [accessed 17 October 2017].
- Munro, E., Hollingworth, K., Meetoo, V., Quy, K., McDermid, S., Trivedi, H. & Holmes, L. (2014) *Residential parenting assessments: uses, costs and contributions to effective and timely decision-making in public law cases*, Department for Education, London.
- National Audit Office (2011) *Transforming NHS ambulance services*, <http://www.nao.org.uk/wp-content/uploads/2011/06/n10121086.pdf> [accessed 11 July 2013].
- National Audit Office (2013) *NHS (England) summarised accounts 2012-2013*, The Stationery Office, London.
- National Collaboration for Integrated Care and Support (2013) *Integrated Care and Support: Our Shared Commitment*, https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/198748/DEFINITIVE_FINAL_VERSION_Integrated_Care_and_Support_-_Our_Shared_Commitment_2013-05-13.pdf [accessed 17 July 2014].
- National Health Service (2011) *The foundation programme*, <http://www.foundationprogramme.nhs.uk/pages/home/> [accessed 9 October 2013].
- National Health Service (2012) *Specialised services national definitions set*, <http://www.specialisedservices.nhs.uk/info/specialised-services-national-definitions/> [accessed 25 July 2013].
- National Institute for Health and Clinical Excellence (NICE) (2007) *Commissioning a memory assessment service for the early identification and care of people with dementia*, <http://www.nice.org.uk/Search.do?searchText=Commissioning+a+memory+assessment+service+for+the+early+identification+and+care+of+people+with+dementia&newsearch=true#/search/?reload> [accessed 25 July 2013].
- National Institute for Health and Clinical Excellence (NICE) (2007) *Parent-training/education programmes in the management of children with conduct disorders*, National Institute for Health and Clinical Excellence, London.
- National Institute for Health and Clinical Excellence (NICE) (2008) *Cognitive behavioural therapy for the management of common mental health problems: commissioning guide*, NICE, London.
- National Joint Council (NJC) salary scales for local government services (2014) *NJC payscales 2013-14*, <http://www.lvsc.org.uk/media/24718/njc%20payscales%202013-14.pdf> [accessed 18 November 2014]

- National Survey of Patient Activity Data for Specialist Palliative Care Services (2014) *National survey of patient activity data for specialist palliative care services*, MDS Full Report for the year 2012-2013, Public Health England.
- National Treatment Agency for Substance Misuse (2009) *Annual Report, 2008/09*, http://www.nta.nhs.uk/uploads/nta_annual_report_08-09_2.pdf [accessed 25 July 2013].
- National Treatment Agency for Substance Misuse (2010) *NDTMS dataset G, definition, business definition for adult drug treatment providers*. <http://www.nta.nhs.uk/uploads/yptreatmentbusinessdefinitionv7.05.pdf> [accessed 25 July 2013].
- Neil, E., Cossar, J., Lorgelly, P. & Young, J. (2010) *Helping birth families: a study of service provision, costs and outcomes*, <http://www.adoptionresearchinitiative.org.uk/study5.html> [accessed 25 July 2013].
- NHS (2011) *Innovation Health and Wealth*, NHS, London. http://webarchive.nationalarchives.gov.uk/20130107070708/http://www.dh.gov.uk/prod_consum_dh/groups/dh_digit_1assets/documents/digitalasset/dh_134597.pdf [accessed 12 October 2017].
- NHS Business Services Authority (2014) *NHS general dental practitioners (GDS/PDS Providers and Performers)*, http://www.nhsbsa.nhs.uk/Documents/Pensions/GDP_Pensions_Guide_V3_032014.pdf [accessed 30 November 2016].
- NHS Careers (2011) *Clinical support staff*, National Health Service, London. <http://www.nhscareers.nhs.uk/explore-by-career/wider-healthcare-team/careers-in-the-wider-healthcare-team/clinical-support-staff/> [accessed 10 September 2013].
- NHS Careers (2014) *Pay and benefits, National Health Service*, London, <http://www.nhscareers.nhs.uk/working-in-the-nhs/pay-and-benefits/> [accessed 9 October 2014].
- NHS Digital (2016) *Adult Social Care Finance Return (ASC-FR)*, NHS Digital, Leeds <http://www.content.digital.nhs.uk/catalogue/PUB22240> [accessed 15 October 2017].
- NHS Digital (2017) *A guide to NHS dental publications*, NHS Digital, Leeds. <http://content.digital.nhs.uk/catalogue/PUB21701/nhs-dent-stat-eng-15-16-rep.pdf> [accessed 20 October 2016].
- NHS Digital (2016, p.11) *Dental earnings and expenses 2014/15, initial analysis*, NHS Digital, Leeds. <https://www.gov.uk/government/statistics/dental-earnings-and-expenses-2014-to-2015-initial-analysis> [accessed 24 November 2016].
- NHS Digital (2017) *Dental earnings and expenses, 2015/16, additional analysis*, NHS Digital, Leeds.
- NHS Digital (2017) *Dental working hours, 2014/15 & 2015/16*, NHS Digital, Leeds. <http://content.digital.nhs.uk/catalogue/PUB21316/dent-work-hour-1415-1516-rep.pdf> [accessed 5 October 2017].
- NHS Digital (2017) *A guide to NHS dental publications*, NHS Digital, Leeds. <http://content.digital.nhs.uk/catalogue/PUB21701/nhs-dent-stat-eng-15-16-rep.pdf> [accessed 5 October 2017].
- NHS Digital, NHS sickness absence rates, 2009-10 to 2017-18 annual tables, NHS Digital, London. <https://digital.nhs.uk/data-and-information/publications/statistical/nhs-sickness-absence-rates/nhs-sickness-absence-rates---january-2018-to-march-2018-and-annual-summary-2010-11-to-2017-18> [accessed 13 October 2017].
- NHS Digital (2018) *NHS staff earnings estimates, 12-month period from May 2017 – April 2018* (not publicly available), NHS Digital, Leeds.
- NHS Employers (2008) *Terms and conditions of service for specialty doctors – England (2008)*, NHS Employers, London.
- NHS Employers (2010) *The community pharmacy – a guide for general practitioners and practice staff*, <http://www.nhsemployers.org/Aboutus/Publications/Pages/Community-pharmacy-guide-GPs-practice-staff.aspx> [accessed 3 October 2013].
- NHS Employers (2011) *Specialty and associate specialist contracts*, British Medical Association, London. <http://www.nhsemployers.org/Aboutus/Publications/Documents/FAQs-Specialty-and-Associate-Specialist-Contracts.pdf> [accessed 25 July 2013].
- NHS Employers (2014) *Amended mileage rates from 1 July 2014*, <http://www.nhsemployers.org/case-studies-and-resources/2014/07/amended-mileage-rates-from-1-july-2014> [accessed 1 October 2014].
- NHS Employers (2018) *NHS Terms and Conditions of Service Handbook*, NHS Employers, London. <http://www.nhsemployers.org/tchandbook> [accessed 25 September 2018].
- NHS England (2014) *Five Year Forward View*, NHS, Monitor.
- NHS Foundation Trusts: *consolidated accounts 2013/14*. <https://www.gov.uk/government/publications/nhs-foundation-trusts-consolidated-accounts-201314> [accessed 19 October 2015].
- North West Public Health Observatory (2011) *A review of the cost-effectiveness of individual level behaviour change interventions*, Health and Wellbeing Alliance, Manchester. www.champspublichealth.com/writedir/0c65health_choices%20-%20FINAL.pdf [accessed 25 July 2013].

- Noyes, J., Hain, R., Tudor Edwards, R., Spencer, L., Bennett, V., Hobson, L., & Thompson, A. (2010) *My choices project report*, Bangor University, CRC Cymru, Cardiff University School of Medicine, N Warwickshire PCT, Royal College of Paediatrics and Child Health, Public Health Wales NHS Trust, Bath and NE Somerset PCT.
<http://www.bangor.ac.uk/healthcaresciences/research/My%20Choices%20Project%20Report%20-%202022-09-2011.pdf> [accessed 25 July 2013].
- Office for National Statistics (2013) *Family spending 2013 edition*, Office for National Statistics, London, available at http://data.gov.uk/dataset/family_spending [accessed 10 October 2014].
- Ofsted (2008) *Children on bullying*, Ofsted, <http://www.ofsted.gov.uk/resources/children-bullying/> [accessed 25 July 2013].
- Public Health England (2013) How healthy behaviour supports children's wellbeing, Public Health England, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/232978/Smart_Restart_280813_web.pdf [accessed 12 October 2017].
- Public Health England (2014, revised 2015) *Making it work, a guide to whole system commissioning for sexual health, reproductive health and HIV*, Public Health England, London.
<http://www.medfash.org.uk/uploads/files/p19fia70rofv6eo3k6s16oifiu1.pdf> [accessed 12 October 2017].
- Public Health England (2017) sexually transmitted infections and chlamydia screening in England, 2016, *Health Protection Report*, 11, 20, Public Health England, London.
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/617025/Health_Protection_Report_S_TIs_NCSP_2017.pdf [accessed 12 October 2017].
- Ridyard, C.H. & Hughes, D.A. (2010) Methods for the collection of resource use data within clinical trials: a systematic review of studies funded by the UK Health Technology Assessment program, *Value Health*, 13, 867-72.
- Salford City Council (2011) *Mental health*, Salford City Council. www.salford.gov.uk/mh-partnership.htm [accessed 9 October 2013].
- Schneider, J., Boyce, M., Johnson, R., Secker, J., Grove, B. & Floyd, M. (2009) Impact of supported employment on service costs and income of people, *Journal of Mental Health*, 18, 6, 533-542.
- Selwyn, J. & Sempik, J. (2011) Recruiting adoptive families: the costs of family finding and the failure of the inter-agency fee, *British Journal of Social Work*, 41, 415-431.
- Selwyn, J., Sempik, J., Thurston, P. & Wijedasa, D. (2009) *Adoption and the inter-agency fee*, University of Bristol, Bristol.
- Shah, A., Pennington, M., Heginbotham, C. & Donaldson, C. (2011) Deprivation of liberty safeguards in England: implementation costs, *British Journal of Psychiatry*, 199, 232-238, doi:10.1192/bjp.bp.110.089474.
- Sharac, J., McCrone, P., Rushton, A. & Monck, E. (2011) Enhancing adoptive parenting: a cost-effectiveness analysis, *Child and Adolescent Mental Health*, 16, 2, 110-115.
- Shearer, J., McCrone, P. & Romeo, R. (2016) Economic Evaluation of Mental Health Interventions: A Guide to Costing Approaches, *Pharmacoeconomics*, 34, 651-664.
- Skills for Care (2012) *The national minimum dataset for social care (NMDS-SC) and data protection: guidance for employers*, Skills for Care. www.nmds-sc-online.org.uk/help/Article.aspx?id=22 [accessed 25 July 2013].
- Skills for Care (2015) *The state of the adult social care sector and workforce in England*, Skills for Care, Leeds.
- Skills for Care (2017) *Positive behaviour support*, Skills for Care, London. <http://www.skillsforcare.org.uk/Topics/Learning-disability/Positive-behavioural-support/Positive-behaviour-support.aspx> [accessed 12 October 2017].
- Sloper, P., Beecham, J., Clarke, S., Franklin, A., Moran, N. & Cusworth, L. (2010) *Models of multi-agency services for disabled young people and those with complex health needs: impact and costs*, Social Policy Research Unit, University of York & Personal Social Services Research Unit, University of Kent, Canterbury.
- The Children's Society (2016) Advocacy Service Model (not released publicly).
- Thomas, C. (2013) *Adoption for looked after children: messages from research*, British Association for Adoption & Fostering (BAAF), London.
- Thurley, D. (2011) *Local government pension scheme, 2010 onwards*, House of Commons, London.
- Tidmarsh, J. & Schneider, J. (2005) Typical costs of Sure Start local programmes, in L. Curtis (ed.) *Unit Costs of Health and Social Care 2005*, Personal Social Services Research Unit, University of Kent, Canterbury.
- Tucker, S., Wilberforce, M., Brand, C., Abendstern, M., Crook, A., Jasper, R., Steward, K. & Challis, D. (2014) Community mental health teams for older people: variations in case mix and service receipt (1), *International Journal of Geriatric Psychiatry*, doi: 10.1002/gps.4191.
- United Kingdom Home Care Association (UKHCA) (2012) *An overview of the UK domiciliary care sector*, Home Care Association Limited.

- Volunteering England (2014) Is there a way of measuring the economic value of the work our volunteers are doing?, <http://www.volunteering.org.uk/component/gpb/is-there-any-way-of-measuring-the-economic-value-of-the-work-our-volunteers-are-doing>. [accessed 20 November 2014].
- Wade, J., Biehal, N., Farrelly, N. & Sinclair, I. (2011) *Caring for Abused and Neglected Children: Making the Right Decisions for Reunification or Long-term Care*, Jessica Kingsley Publishers, London.
- Wilberforce, M., Tucker, S., Brand, C., Abendster, M., Jasper, R., Steward, K. & Challis, D. (2014) Community mental health teams for older people: variations in case mix and service receipt (11), *International Journal of Geriatric Psychiatry*, doi: 10.1002/gps.4190.
- Winters, L., Armitage, M., Stansfield, J., Scott-Samuel, A. & Farrar, A. (2010) *Wellness services – evidence based review and examples of good practice*, Final Report, Liverpool Public Health Observatory, Liverpool.
- World Health Organisation (2014) *Social determinants of mental health*, World Health Organisation and Calouste Gulbenkian Foundation, Geneva.

23. List of useful websites

Adult Social Care Finance Return (ASC-FR): <http://content.digital.nhs.uk/datacollections/ASC-FR>

Building Cost Information Service: <http://www.bcis.co.uk/site/index.aspx>

BCIS is the UK's leading provider of cost and price information for construction and property occupancy.

Care Quality Commission: <http://www.cqc.org.uk/>

The Care Quality Commission is the health and social care regulator for England and replaces the Healthcare Commission, Commission for Social Care Inspection and the Mental Health Act Commission which all ceased to exist on 31 March 2009.

Centre for Child and Family Research: <http://www.lboro.ac.uk/research/ccfr/>

Chartered Institute of Public Finance and Accountancy (CIPFA): <http://www.cipfa.org/>

The CIPFA Statistical Information Service (SIS) was established as a partnership between individual authorities and CIPFA. SIS has been undertaking detailed annual surveys of local authority operations for more than a century, and the 'CIPFA Statistics' still remain the only impartial and comprehensive account of the extent and achievements of each individual council. Surveys are conducted in the following areas: education, environmental services, environmental health, housing, leisure, planning, public protection, social services, transport.

Department for Education: <http://www.education.gov.uk/>

Department of Health and Social Care : <https://www.gov.uk/government/organisations/department-of-health-and-social-care>

Department for Work and Pensions: <http://www.dwp.gov.uk/>

Family Resource Survey: <http://research.dwp.gov.uk/asd/frs/>

Federation of Ophthalmic & Dispensing Opticians: <http://www.fodo.com/>

Hospital Episode Statistics (HES): <http://www.hesonline.nhs.uk/>

This is the national statistical data warehouse for England of the care provided by NHS hospitals and for NHS hospital patients treated elsewhere. HES is the data source for a wide range of health-care analysis for the NHS, Government and many other organisations and individuals. The HES database is a record-level database of hospital admissions and is currently populated by taking an annual snapshot of a sub-set of the data submitted by NHS Trusts to the NHS-Wide Clearing Service (NWCS). Quarterly information is also collected. A separate database table is held for each financial year, containing approximately 11 million admitted patient records from all NHS Trusts in England.

Joseph Rowntree Foundation: <http://www.jrf.org.uk/>

This website provides information on housing and care.

LaingBuisson: <http://www.laingbuisson.co.uk/>

LaingBuisson, an independent company, provides authoritative data, statistics, analysis and market intelligence on the UK health.

Livability: <http://www.livability.org.uk/>

National Audit Office: <https://www.nao.org.uk/>

National Council for Palliative Care: <http://www.ncpc.org.uk/>

National End of Life Care Intelligence network: <http://www.endoflifecare-intelligence.org.uk/home/>

NHS Digital: <https://digital.nhs.uk/>

NHS Digital is the new name for the Health & Social Care Information Centre, a Special Health Authority set up on 1 April 2005 to take over most DH statistical collection and dissemination and some functions of the former NHS Information Authority. This includes information on Personal Social Services Expenditure.

NHS Improvement: <https://improvement.nhs.uk>

National Institute for Health and Clinical Excellence: <http://www.nice.org.uk/>

Personal Social Services Expenditure Data (PSS EX1 data): <http://www.ic.nhs.uk/statistics-and-data-collections/>

PSSRU at LSE, London School of Economics and Political Science:
<http://www2.lse.ac.uk/LSEHealthAndSocialCare/Home.aspx>

Pub Med: <http://www.pubmedcentral.nih.gov/>

Reference Costs: <https://improvement.nhs.uk/resources/reference-costs/>

This website gives details on how and on what NHS expenditure was used. The Reference Costs/Reference Costs Index publication is the richest source of financial data on the NHS ever produced. As in previous years, its main purpose is to provide a basis for comparison within (and outside) the NHS between organisations, and down to the level of individual treatments.

Social Care Institute for Excellence: <http://www.scie.org.uk/>

Social Care Online: <http://www.scie-socialcareonline.org.uk/>

Social Policy Research Unit, University of York: <http://www.york.ac.uk/inst/spru/>

The King's Fund: <https://www.kingsfund.org.uk/>

YoungMinds: <http://www.youngminds.org.uk/>

YoungMinds is a national charity committed to improving the mental health of all children and young people.

24. List of items from previous volumes

All articles from our 2003 edition onward can also be searched and downloaded from our article database at <http://www.pssru.ac.uk/ucarticles/>

Editorials and articles

2007

The costs of telecare: from pilots to mainstream implementation
The Health BASKET Project: documenting the benefit basket and evaluating service costs in Europe
Recording professional activities to aid economic evaluations of health and social care services

2008

Guest editorial: National Schedule of Reference Costs data: community care services
The challenges of estimating the unit cost of group-based therapies
Costs and users of Individual Budgets

2009

Guest editorial: Economics and Cochrane and Campbell methods: the role of unit costs
Estimating unit costs for Direct Payments Support Organisations
The National Dementia Strategy: potential costs and impacts
SCIE's work on economics and the importance of informal care

2010

The costs of short-break provision
The impact of the POPP programme on changes in individual service use
The Screen and Treat programme: a response to the London bombings
Expected lifetime costs of social care for people aged 65 and over in England

2011

The costs of extra care housing
Shared Lives – model for care and support
Calculating the cost and capacity implications for local authorities implementing the Laming (2009) recommendations

2012

Guest editorial: Appropriate perspectives for health care decisions
Using time diaries to contribute to economic evaluation of criminal justice interventions
Costing multi-site, group-based CBT workshops
A review of approaches to measure and monetarily value informal care

2013

Guest editorial: Widening the scope of unit costs to include environmental costs
Cognitive behaviour therapy: a comparison of costs
Residential child care: costs and other information requirements
The costs of telecare and telehealth

2014

Guest editorial: Big data: increasing productivity while reducing costs in health and social care
Cost of integrated care
Shared Lives – improving understanding of the costs of family-based support
RYCT & CSP intervention costs

2015

Guest editorial: Implications of the Care Act 2014 on social care markets for older people
Survey questions on older people's receipt of, and payment for, formal and unpaid care in the community.
Estimating the unit costs of vision rehabilitation services.
Review of resource-use measures in UK economic evaluations.

2016

Guest editorial: Agency staff in the NHS
Costs of the Well London Programme
PUCC: The Preventonomics Unit Cost Calculator

2017

Guest editorial: Estimating medication costs for economic evaluation
Health care costs in the English NHS
A survey of English dental practices with costs in mind

Tables**2007**

All children's service withdrawn, but reinstated in 2010

2008

Paramedic and emergency ambulance services

2009

Cost of maintaining a drugs misuser on a methadone treatment programme
Unpaid care

2010

Voluntary residential care for older people
Nursing-Led Inpatient Unit (NLIU) for intermediate care
Local authority sheltered housing for older people
Housing association sheltered housing for older people
Local authority very sheltered housing for older people
Housing association very sheltered housing for older people
Local authority residential care (staffed hostel) for people with mental health problems
Local authority residential care (group home) for people with mental health problems
Voluntary sector residential care (staffed hostel) for people with mental health problems
Private sector residential care (staffed hostel) for people with mental health problems
Acute NHS hospital services for people with mental health problems
NHS long-stay hospital services for people with mental health problems
Voluntary/non-profit organisations providing day care for people with mental health problems
Sheltered work schemes for people with mental health problems
Village communities for people with learning disabilities
The costs of community-based care of technology-dependent children

2011

Approved social worker

2012

High-dependency care home for younger adults with physical and sensory impairments
 Residential home for younger adults with physical and sensory impairments
 Special needs flats for younger adults with physical and sensory impairments
 Rehabilitation day centre for younger adults with brain injury
 Comparative costs of providing sexually abused children with individual and group psychotherapy

2013

Rapid response service

2014

Community rehabilitation unit
 Intermediate care based in residential homes
 Counselling services in primary medical care
 Group homes for people with learning disabilities
 Fully-staffed living settings (people with learning disabilities)
 Semi-independent living settings (people with learning disabilities)
 Hospital-based rehabilitation care scheme
 Expert patients programme
 Community care packages for older people
 Nursing homes for people with dementia
 Private and other independent sector residential homes for people with dementia

2015

Individual placement and support
 Adults with learning disabilities
 Key worker services for disabled children and their families
 Services for children in care
 Services for children in need
 Common assessment framework (CAF)
 Palliative care for children and young people

2016

Multi-dimensional treatment foster care (MTFC)

2017

Extra-care housing for older people
 Geriatric resources for assessment and care of elders (GRACE)
 Mindfulness-based cognitive therapy – group-based intervention
 Residential rehabilitation for people who misuse drugs or alcohol
 Inpatient detoxification for people who misuse drugs or alcohol
 Specialist prescribing
 Cognitive Behavioural Therapy
 Local safeguarding children's boards
 Parenting programmes for prevention of persistent conduct disorder
 Independent reviewing officer (IRO)
 Social care support for older people/people with learning disabilities/people with mental health problems and people with physical disabilities
 Support for children and adults with autism
 Support care for children
 Young adults with acquired brain injury in the UK
 Residential parenting assessments

Social work team leader/senior practitioner/senior social worker

Family support worker

Health and social care teams