

Annex E - *Clostridium difficile* Infection Objectives for non-teaching, teaching and specialist acute trusts, and CCGs for 2015/16

Principles and methodology

Three cohorts of acute trusts have been recognised for the purposes of calculating median CDI rates– acute teaching hospitals, specialist hospitals and non-teaching (such as, small, medium, large and mixed service) acute hospitals as defined by the Hospital Estates and Facilities ERIC return. CCGs form their own separate cohort.

For one of these cohorts, specialist trusts, due to the heterogeneity of these organisations meaning a single median for this group is arbitrary, CDI objectives have been set by requiring all specialist trusts to reduce their current CDI case total for the 12 months to November 2014 by one case. This reflects the principle of continuous improvement. The calculations below are therefore not relevant to specialist trusts.

For the two non-specialist trust cohorts (teaching and non-teaching acute trusts) and CCGs, the median CDI rate for the most recent available 12 months (to November 2014) is calculated for each cohort separately. The median CDI rate is also calculated for each cohort for their previous 12 month median CDI rate. For each cohort, the rate of CDI improvement from the preceding 12 months (to November 2013) to the most recent 12 months (to November 2014) are then calculated to give a cohort rate of CDI improvement. These values are set out in the table below;

Cohort	Current CDI rate (for year to November 2014)	Previous CDI rate (for year to November 2013)	Reduction in CDI rate from previous year to current year
Non-teaching acute trusts	13.1 CDI cases per 100,000 bed days	14.9 CDI cases per 100,000 bed days	12.5%
Teaching acute trusts	16.3 CDI cases per 100,000 bed days	16.9 CDI cases per 100,000 bed days	3.6%
CCGs	24.3 CDI cases per 100,000 population	25.8 CDI cases per 100,000 population	5.7%

All organisations with a current CDI rate for the year to November 2014 below (better than) their cohort median for the same period, have a CDI objective for 2015/16 set as their current number of CDI cases reported during the year to November 2014 minus one. This maintains the principle of the NHS delivering continuous improvement in patient safety but

OFFICIAL

reflects that those performing better than average may be approaching the irreducible minimum of cases.

All organisations with a current CDI rate for the year to November 2014 above (worse than) their cohort median for the same period have a CDI objective set as their CDI rate for the year to November 2014 minus the percentage reduction in median CDI rate seen for their cohort between the preceding year and the current year. This means their objective reflects the rate of improvement seen for their cohort of trusts over the previous year. This reflects the need for those organisations with CDI rates worse than average to improve at a faster rate than those that are better than average, but that this rate of improvement should reflect the most recent available information about what is achievable.

Where this methodology requires an organisation to improve from above their cohort median to below it, their objective becomes their cohort median unless the reduction required to move below the median is less than one CDI case. If so, the organisation has an objective of their current number of cases reported during the year to November 2014 minus one case. This avoids requiring organisations performing worse than average to leapfrog those performing better than average.

The tables below set out the objectives for all organisation cohorts:

Non-Teaching Acute Trusts			
Org code	Name	CDI case objective for 2015/16	CDI rate objective for 2015/16
REM	Aintree University Hospitals	46	19.3
RCF	Airedale	6	5.3
RTK	Ashford & St Peter's Hospitals	17	9.9
RF4	Barking, Havering & Redbridge Hospitals	30	8.6
RFF	Barnsley Hospital	13	8.8
R1H	Barts Health	82	13.1
RDD	Basildon & Thurrock University Hospitals	31	13.4
RC1	Bedford Hospital	10	8.3
RXL	Blackpool, Fylde & Wyre Hospitals **	40	15
RXQ	Buckinghamshire Hospitals	32	13.1
RJF	Burton Hospitals	20	13.1
RWY	Calderdale & Huddersfield	21	8.6
RFS	Chesterfield Royal Hospital	31	16.2
RLN	City Hospitals Sunderland	34	15.4
RDE	Colchester Hospital University	18	9.1
RJR	Countess of Chester Hospital	24	12.8
RXP	County Durham & Darlington	19	5.9
RJ6	Croydon Health Services	16	9.6

OFFICIAL

RN7	Dartford & Gravesham	24	12.5
RTG	Derby Hospitals	48	15.1
RP5	Doncaster & Bassetlaw Hospitals	40	13.9
RBD	Dorset County Hospital	14	13.6
RWH	East & North Hertfordshire	11	4.9
RJN	East Cheshire *	14	12
RVV	East Kent Hospitals University *	46	13.9
RXR	East Lancashire Hospitals	28	9.3
RXC	East Sussex Healthcare	41	16.9
RVR	Epsom & St Helier University Hospitals	39	15.7
RDU	Frimley Health	31	7.6
RR7	Gateshead Health	19	11.6
RLT	George Eliot Hospital	13	12.5
RTE	Gloucestershire Hospitals	37	11.5
RN3	Great Western Hospitals	20	9.4
RN5	Hampshire Hospitals	34	13.1
RCD	Harrogate & District	12	11.7
RR1	Heart of England	64	13.1
RLQ	Hereford Hospitals	18	21.1
RAS	Hillingdon Hospital	8	6.3
RQQ	Hinchingbrooke Healthcare *	11	15.6
RQX	Homerton University Hospital	7	5.6
RGQ	Ipswich Hospital	18	9.4
R1F	Isle of Wight Healthcare	7	7.3
RGP	James Paget University Hospitals	17	13.1
RNQ	Kettering General Hospital	26	13.6
RAX	Kingston Hospital	9	6.5
R1K	London North West Healthcare	37	9.4
RC9	Luton & Dunstable Hospital	6	3.1
RWF	Maidstone & Tunbridge Wells	27	11.5
RPA	Medway	20	10.9
RBT	Mid Cheshire Hospitals	24	13.1
RQ8	Mid Essex Hospital Services	13	7.3
RXF	Mid Yorkshire Hospitals	27	8.3
RD8	Milton Keynes Hospital	39	26.0

OFFICIAL

RVJ	North Bristol	43	13.1
RNL	North Cumbria University Hospitals	25	13.1
RAP	North Middlesex University Hospital	34	25.9
RVW	North Tees & Hartlepool	13	6.8
RNS	Northampton General Hospital	21	8.2
RBZ	Northern Devon Healthcare	7	6.9
RJL	Northern Lincolnshire & Goole Hospitals	21	8.5
RTF	Northumbria Healthcare	30	9.4
RW6	Pennine Acute Hospitals	55	13.3
RGN	Peterborough & Stamford Hospitals	29	14.4
RK9	Plymouth Hospitals	35	13.2
RD3	Poole Hospital	15	9.2
RHU	Portsmouth Hospitals	40	12.2
RQW	Princess Alexandra Hospital	10	6.5
RHW	Royal Berkshire	27	12.2
RMC	Royal Bolton Hospital	19	9.5
REF	Royal Cornwall Hospitals	23	10.6
RH8	Royal Devon & Exeter	31	12.7
RA2	Royal Surrey County Hospital	21	13.6
RD1	Royal United Hospital Bath	22	10.9
RL4	Royal Wolverhampton Hospitals	35	13.1
RNZ	Salisbury	19	13.1
RXK	Sandwell & West Birmingham Hospitals	30	12.3
RK5	Sherwood Forest Hospitals	48	19.4
RXW	Shrewsbury & Telford Hospital	25	9.9
RA9	South Devon Healthcare	18	14.5
RTR	South Tees Hospitals	50	14.9
RE9	South Tyneside	8	6.5
RJC	South Warwickshire	6	3.6
RAJ	Southend University Hospital *	30	17.3
RVY	Southport & Ormskirk Hospital	36	23.9
RBN	St Helens & Knowsley Hospitals	41	17.6
RWJ	Stockport	17	7.8
RTP	Surrey & Sussex Healthcare	15	7.6
RMP	Tameside Hospital	46	29.6

OFFICIAL

RBA	Taunton & Somerset	12	7.0
RNA	The Dudley Group of Hospitals	29	13.0
RJ2	The Lewisham Hospital	39	13.1
RCX	The Queen Elizabeth Hospital King's Lynn	53	38.3
RFR	The Rotherham	26	13.0
RDZ	The Royal Bournemouth & Christchurch Hospitals	14	6.9
RKE	The Whittington Hospital	17	17.0
RWD	United Lincolnshire Hospitals	59	16.8
RJE	University Hospitals of North Midlands	74	16.1
RKB	University Hospitals Coventry & Warwickshire	42	11.3
RTX	University Hospitals of Morecambe Bay	44	20.0
RBK	Walsall Hospitals	18	11.1
RWW	Warrington & Halton Hospitals	27	14.3
RWG	West Hertfordshire Hospitals	23	10.9
RFW	West Middlesex University Hospital	9	6.8
RGR	West Suffolk Hospitals	16	12.5
RYR	Western Sussex Hospitals	39	13.1
RA3	Weston Area Health	18	20.8
RWP	Worcestershire Acute Hospitals *	32	11.8
RRF	Wrightington, Wigan & Leigh	19	12.7
RA4	Yeovil District Hospital	8	7.9

* The objective for this Trust was amended 20/02/15 to reflect a correction to the baseline data

** The objective for this Trust was revised 13/03/15 as it has now been classified as a teaching trust

OFFICIAL

Teaching Acute Trusts			
Org code	Name	CDI case objective for 2015/16	CDI rate objective for 2015/16
RAE	Bradford Teaching Hospitals	51	26.8
RXH	Brighton & Sussex University Hospitals	46	17.3
RGT	Cambridge University Hospitals	49	15.6
RW3	Central Manchester University Hospitals	66	16.3
RQM	Chelsea & Westminster Hospital	7	5.4
RJ1	Guy's & St. Thomas'	51	16.0
RWA	Hull & East Yorkshire Hospitals	53	15.0
RYJ	Imperial College Healthcare	69	23.2
RJZ	King's College Hospital	72	15.2
RXN	Lancashire Teaching Hospitals	66	22.4
RR8	Leeds Teaching Hospitals	119	21.2
RM1	Norfolk & Norwich University Hospitals	49	15.1
RX1	Nottingham University Hospitals	91	17.6
RTH	Oxford University Hospitals	69	15.0
RAL	Royal Free Hampstead	66	41.6
RQ6	Royal Liverpool & Broadgreen University Hospitals	44	17.2
RM3	Salford Royal	21	9.4
RHQ	Sheffield Teaching Hospitals	87	14.9
RHM	Southampton University Hospitals	43	11.8
RJ7	St. George's Healthcare	31	10.2
RTD	The Newcastle upon Tyne Hospitals	77	16.3
RRV	University College London Hospitals	97	36.5
RRK	University Hospital Birmingham	63	17.2
RM2	University Hospital of South Manchester *	39	15.2
RA7	University Hospitals Bristol	45	17.4
RWE	University Hospitals of Leicester	61	11.7
RBL	Wirral University Teaching Hospital	29	11.7
RCB	York Hospitals**	48	14.5

* The objective for this Trust was amended 20/02/15 to reflect a correction to the baseline data

** The objective for this Trust was revised 19/06/15 as it had previously been incorrectly classified as a non-teaching acute trust.

OFFICIAL

Specialist Acute Trusts			
Org code	Name	CDI case objective for 2015/16	CDI rate objective for 2015/16
RBS	Alder Hey Children's	0	0.00
RQ3	Birmingham Children's Hospital	0	0.00
RLU	Birmingham Women's	0	0.00
RBV	Christie Hospital	14	28.7
REN	Clatterbridge Centre for Oncology	1	5.8
RP4	Great Ormond Street Hospital for Children	15	13.8
RBQ	Liverpool Heart & Chest Hospital	4	8.6
REP	Liverpool Women's	1	2.7
RP6	Moorfields Eye Hospital	0	0.00
RGM	Papworth Hospital	5	7.0
RPC	Queen Victoria Hospital	0	0.00
RL1	Robert Jones & Agnes Hunt Orthopaedic	2	3.8
RT3	Royal Brompton & Harefield	23	19.4
RBB	Royal National Hospital for Rheumatic Diseases	0	0.00
RAN	Royal National Orthopaedic Hospital	2	3.8
RCU	Sheffield Children's	3	7.4
RPY	The Royal Marsden	31	51.4
RRJ	The Royal Orthopaedic Hospital	2	6.3
RET	The Walton Centre for Neurology & Neurosurgery	10	19.9

OFFICIAL

CCGs			
Org code	Name	CDI case objective for 2015/16	CDI rate objective for 2015/16
02N	NHS Airedale, Wharfedale and Craven CCG *	36	22.7
09C	NHS Ashford CCG	31	25.5
10Y	NHS Aylesbury Vale CCG	49	24.6
07L	NHS Barking & Dagenham CCG *	37	19.0
07M	NHS Barnet CCG	79	21.4
02P	NHS Barnsley CCG	63	26.7
99E	NHS Basildon and Brentwood CCG	45	17.8
02Q	NHS Bassetlaw CCG	22	19.4
11E	NHS Bath and North East Somerset CCG	47	26.1
06F	NHS Bedfordshire CCG	73	17.1
07N	NHS Bexley CCG	56	23.7
13P	NHS Birmingham CrossCity CCG	183	25.2
04X	NHS Birmingham South and Central CCG	46	22.9
00Q	NHS Blackburn with Darwen CCG	40	27.1
00R	NHS Blackpool CCG	58	41.0
00T	NHS Bolton CCG *	80	28.6
10G	NHS Bracknell and Ascot CCG *	18	13.4
02W	NHS Bradford City CCG	23	27.8
02R	NHS Bradford Districts CCG *	116	34.7
07P	NHS Brent CCG	56	17.7
09D	NHS Brighton & Hove CCG	52	18.7
11H	NHS Bristol CCG	131	29.9
07Q	NHS Bromley CCG	76	23.9
00V	NHS Bury CCG	45	24.1
02T	NHS Calderdale CCG	39	18.9
06H	NHS Cambridgeshire and Peterborough CCG	188	22.0
07R	NHS Camden CCG	90	39.2
04Y	NHS Cannock Chase CCG	48	35.9
09E	NHS Canterbury and Coastal CCG	35	17.3
99F	NHS Castle Point and Rochford CCG	44	25.5
09A	NHS Central London (Westminster) CCG	40	24.6
00W	NHS Central Manchester CCG *	41	22.5
10H	NHS Chiltern CCG *	61	19.1
00X	NHS Chorley and South Ribble CCG	59	34.8

OFFICIAL

07T	NHS City and Hackney CCG	31	11.7
09G	NHS Coastal West Sussex CCG	155	32.3
03V	NHS Corby CCG	18	28.0
05A	NHS Coventry and Rugby CCG *	107	24.8
09H	NHS Crawley CCG	17	15.6
07V	NHS Croydon CCG	55	14.8
01H	NHS Cumbria CCG	201	39.9
00C	NHS Darlington CCG *	17	16.1
09J	NHS Dartford, Gravesham and Swanley CCG	61	24.2
02X	NHS Doncaster CCG	81	26.7
11J	NHS Dorset CCG *	204	27.0
05C	NHS Dudley CCG	76	24.2
00D	NHS Durham Dales, Easington and Sedgfield CCG *	74	27.1
07W	NHS Ealing CCG	67	19.6
06K	NHS East and North Hertfordshire CCG	112	20.5
01A	NHS East Lancashire CCG *	58	15.6
03W	NHS East Leicestershire and Rutland CCG	78	24.2
02Y	NHS East Riding of Yorkshire CCG	85	27.0
05D	NHS East Staffordshire CCG	31	24.9
09L	NHS East Surrey CCG	43	24.2
09F	NHS Eastbourne, Hailsham and Seaford CCG	59	32.2
01C	NHS Eastern Cheshire CCG	50	25.6
07X	NHS Enfield CCG *	76	23.7
03X	NHS Erewash CCG	19	20.0
10K	NHS Fareham and Gosport CCG	30	15.2
02M	NHS Fylde & Wyre CCG	44	26.5
00F	NHS Gateshead CCG	61	30.5
11M	NHS Gloucestershire CCG	157	25.9
06M	NHS Great Yarmouth & Waveney CCG	70	32.7
03A	NHS Greater Huddersfield CCG	40	16.6
01E	NHS Greater Preston CCG	49	24.3
08A	NHS Greenwich CCG	62	23.5
09N	NHS Guildford and Waverley CCG	20	9.6
01F	NHS Halton CCG	36	28.6
03D	NHS Hambleton, Richmondshire and Whitby CCG	45	29.3
08C	NHS Hammersmith and Fulham CCG	35	19.6
03Y	NHS Hardwick CCG	43	39.4

OFFICIAL

08D	NHS Haringey CCG *	50	19.0
03E	NHS Harrogate and Rural District CCG	34	21.5
08E	NHS Harrow CCG	32	13.1
00K	NHS Hartlepool and Stockton-on-Tees CCG	72	25.2
09P	NHS Hastings & Rother CCG	44	24.2
08F	NHS Havering CCG *	51	21.1
05F	NHS Herefordshire CCG	46	24.7
06N	NHS Herts Valleys CCG	131	22.8
01D	NHS Heywood, Middleton & Rochdale CCG	49	23.1
99K	NHS High Weald Lewes Havens CCG	35	20.7
08G	NHS Hillingdon CCG	37	12.9
09X	NHS Horsham and Mid Sussex CCG	46	20.4
07Y	NHS Hounslow CCG	37	14.1
03F	NHS Hull CCG	82	31.8
06L	NHS Ipswich and East Suffolk CCG *	107	27.0
10L	NHS Isle of Wight CCG	28	20.2
08H	NHS Islington CCG	60	27.8
11N	NHS Kernow CCG	136	25.0
08J	NHS Kingston CCG	30	18.0
01J	NHS Knowsley CCG	56	38.3
08K	NHS Lambeth CCG	75	23.9
01K	NHS Lancashire North CCG	72	45.2
02V	NHS Leeds North CCG *	58	29.0
03G	NHS Leeds South and East CCG *	104	43.1
03C	NHS Leeds West CCG	90	28.1
04C	NHS Leicester City CCG	74	22.2
08L	NHS Lewisham CCG	53	18.5
03T	NHS Lincolnshire East CCG	65	28.3
04D	NHS Lincolnshire West CCG	45	19.6
99A	NHS Liverpool CCG	138	29.3
06P	NHS Luton CCG	28	13.5
04E	NHS Mansfield & Ashfield CCG	94	48.5
09W	NHS Medway CCG	55	20.3
08R	NHS Merton CCG	28	13.8
06Q	NHS Mid Essex CCG	71	18.6
04F	NHS Milton Keynes CCG	81	31.0
04G	NHS Nene CCG	164	26.2

OFFICIAL

04H	NHS Newark & Sherwood CCG	39	33.3
10M	NHS Newbury and District CCG	25	23.6
00G	NHS Newcastle North and East CCG	36	25.0
00H	NHS Newcastle West CCG	45	31.5
08M	NHS Newham CCG	35	11.0
10N	NHS North & West Reading CCG	23	23.0
04J	NHS North Derbyshire CCG *	107	39.3
00J	NHS North Durham CCG *	42	17.3
06T	NHS North East Essex CCG	45	14.2
99M	NHS North East Hampshire and Farnham CCG	33	15.9
03H	NHS North East Lincolnshire CCG	35	21.9
10J	NHS North Hampshire CCG	60	27.5
03J	NHS North Kirklees CCG	38	20.2
03K	NHS North Lincolnshire CCG	31	18.4
01M	NHS North Manchester CCG	39	22.9
06V	NHS North Norfolk CCG	58	34.4
11T	NHS North Somerset CCG	87	42.2
05G	NHS North Staffordshire CCG	61	28.4
99C	NHS North Tyneside CCG *	74	36.6
09Y	NHS North West Surrey CCG	54	15.9
99P	NHS North, East, West Devon CCG	219	25.0
00L	NHS Northumberland CCG	77	24.4
06W	NHS Norwich CCG	52	26.7
04K	NHS Nottingham City CCG	51	16.4
04L	NHS Nottingham North & East CCG	47	31.8
04M	NHS Nottingham West CCG	21	18.9
00Y	NHS Oldham CCG	91	40.0
10Q	NHS Oxfordshire CCG	145	22.2
10R	NHS Portsmouth CCG	50	24.1
08N	NHS Redbridge CCG	26	9.0
05J	NHS Redditch and Bromsgrove CCG	36	20.1
08P	NHS Richmond CCG	31	16.2
03L	NHS Rotherham CCG	63	24.4
04N	NHS Rushcliffe CCG	24	21.3
01G	NHS Salford CCG	62	25.9
05L	NHS Sandwell and West Birmingham CCG	109	22.7
03M	NHS Scarborough and Ryedale CCG	31	28.1

OFFICIAL

03N	NHS Sheffield CCG	194	34.6
05N	NHS Shropshire CCG	73	23.7
10T	NHS Slough CCG *	22	15.4
05P	NHS Solihull CCG *	58	27.8
11X	NHS Somerset CCG	131	24.3
01R	NHS South Cheshire CCG	52	29.3
99Q	NHS South Devon and Torbay CCG	97	35.3
05Q	NHS South East Staffs and Seisdon Peninsular CCG	47	20.9
10V	NHS South Eastern Hampshire CCG	50	23.8
12A	NHS South Gloucestershire CCG	94	34.9
10A	NHS South Kent Coast CCG	44	21.6
99D	NHS South Lincolnshire CCG	34	23.8
01N	NHS South Manchester CCG *	47	29.1
06Y	NHS South Norfolk CCG	65	27.4
10W	NHS South Reading CCG	20	18.3
01T	NHS South Sefton CCG	54	34.0
00M	NHS South Tees CCG *	91	33.2
00N	NHS South Tyneside CCG	53	35.7
05R	NHS South Warwickshire CCG	60	23.1
04Q	NHS South West Lincolnshire CCG	25	20.4
05T	NHS South Worcestershire CCG *	63	21.4
10X	NHS Southampton CCG	46	19.0
99G	NHS Southend CCG	36	20.5
04R	NHS Southern Derbyshire CCG	114	22.0
01V	NHS Southport and Formby CCG	38	33.2
08Q	NHS Southwark CCG	45	15.1
01X	NHS St Helens CCG *	75	42.6
05V	NHS Stafford and Surrounds CCG *	59	38.9
01W	NHS Stockport CCG	69	24.2
05W	NHS Stoke on Trent CCG *	87	33.7
00P	NHS Sunderland CCG	82	29.7
99H	NHS Surrey Downs CCG	76	26.7
10C	NHS Surrey Heath CCG	19	20.1
08T	NHS Sutton CCG	41	20.9
10D	NHS Swale CCG	14	12.8
12D	NHS Swindon CCG	44	20.1
01Y	NHS Tameside and Glossop CCG *	97	38.2

OFFICIAL

05X	NHS Telford & Wrekin CCG	20	11.9
10E	NHS Thanet CCG *	41	30.0
07G	NHS Thurrock CCG	29	18.0
08V	NHS Tower Hamlets CCG *	36	13.2
02A	NHS Trafford CCG *	64	27.8
03Q	NHS Vale of York CCG	78	22.3
02D	NHS Vale Royal CCG	20	19.6
03R	NHS Wakefield CCG	72	21.8
05Y	NHS Walsall CCG	56	20.6
08W	NHS Waltham Forest CCG *	46	17.3
08X	NHS Wandsworth CCG	50	16.1
02E	NHS Warrington CCG *	46	22.4
05H	NHS Warwickshire North CCG	70	37.2
02F	NHS West Cheshire CCG	78	34.1
07H	NHS West Essex CCG *	49	16.7
11A	NHS West Hampshire CCG	133	24.3
99J	NHS West Kent CCG	94	20.1
02G	NHS West Lancashire CCG	46	41.3
04V	NHS West Leicestershire CCG	77	20.4
08Y	NHS West London (Kensington and Chelsea, Queen's Park and Paddington) CCG	51	23.2
07J	NHS West Norfolk CCG	100	58.3
07K	NHS West Suffolk CCG	45	20.1
02H	NHS Wigan Borough CCG	81	25.3
99N	NHS Wiltshire CCG	103	21.5
11C	NHS Windsor, Ascot and Maidenhead CCG *	33	23.6
12F	NHS Wirral CCG	75	23.4
11D	NHS Wokingham CCG	28	17.7
06A	NHS Wolverhampton CCG	71	28.2
06D	NHS Wyre Forest CCG	15	15.2

* The objective for this CCG was amended 20/02/15 to reflect a correction to the baseline data