

Newsletter

Winter 2018



Over 17,000 Registrations!



o18 has been another record breaking year for BADBIR recruitment with the landmark 17,000th registration now passed. Additionally it has been the highest ever year of recruitment to the Biologic Cohort since the project started. Thank you to all centres involved for their efforts to recruit participants over the last 12 months.



Left to Right: CTA Maxine Ashton, Research Nurse Charlotte Barclay, Dr Suzannah August and Clinical Fellow Anjnee Shah

Special congratulations go to the team at **Poole Hospital NHS Foundation Trust** (pictured above) who completed the 17,000th registration.

What's New?

New Registration Drugs

Since our last issue, we have added two new drugs to the Biologic therapy cohort, Cimzia (Certolizumab pegol) and Kyntheum (Brodalumab). This brings the total to 8 registration drugs for the Biologic cohort and 2 registration drugs for the Non-Biologic Small Molecule cohort. Further additions to the registration drug list are in the pipeline for the coming months. Please see the BADBIR website for a full list of current registration drugs.

New Centres

We welcome 4 new centres to BADBIR — NHS Borders, NHS Forth Valley, North & North East Lincolnshire Dermatology (Virgin Care) and Our Lady's Children's Hospital.

Publications

In 2018, BADBIR data has been used to publish in areas including Risk of Cancer, Infliximab and Serious Infection & Infection Risk prediction. Please see the BADBIR website for full details: http://www.badbir.org/Publications/

Updates & Information

HADS

Amendment 11 was recently approved for the study. All electronic site files have been updated with current study documentation with every R&D Department also informed. A notable part of the amendment was the addition of a questionnaire to be completed by patients at baseline through to FUP6 – the Hospital Anxiety and Depression Scale (HADS). Please note that we are awaiting the final licence to use HADS currently and as such are requesting no data be collected. We will inform all centres directly once we final approval and are able to collect this questionnaire from BADBIR participants.

Biosimilars

Please be reminded that is important on BADBIR to provide the specific trade name of the treatment being received. For example, if a patient on Enbrel (etanercept) commences on Benepali (etanercept biosimilar) it is essential this change is recorded as part of the next follow-up data entry. We are reminding all centres of this due to the increased number of biosmilars now on the market. If you have patients moving from the originator Humira to one of the adalimumab biosimilars please ensure this is updated on the database.

Data Input—Helpful Hint

Reduce Data Queries—Use the Preview Queries Option

To reduce the number of queries raised on Baseline and Follow Up records, use the **Preview Queries** option under the 'Administrative' section on the left hand side of the screen. If data is missing, a query will show. Complete the missing data or leave feedback to let the BADBIR administration team know that the information is missing.

Administrative
Preview Queries
Close 21 Day Window
Leave Feedback





BADBIR Recruitment By Centre

1 - North East and North Cumbria	
County Durham and Darlington NHS Foundation Trust	502
Newcastle upon Tyne Hospitals NHS Foundation Trust	409
South Tees Hospitals NHS Trust	162
North Cumbria University Hospitals NHS Trust	43
North Tees & Hartlepool NHS Foundation Trust	37
2 - Yorkshire and Humber	
Bradford Teaching Hospitals NHS Foundation Trust	436
Leeds Teaching Hospitals NHS Trust	414
Hull and East Yorkshire Hospitals NHS Trust	219
Harrogate and District NHS Foundation Trust	121
The Rotherham NHS Foundation Trust	117
Sheffield Teaching Hospitals NHS Foundation Trust	69
York Teaching Hospital NHS Foundation Trust	64
Calderdale & Huddersfield NHS Trust	64
Doncaster and Bassetlaw Hospitals NHS Foundation Trust	59
Northern Lincolnshire & Goole Hospitals NHS Foundation Trust	58
Mid Yorkshire Hospitals NHS Trust	57
York Teaching Hospital NHS Foundation Trust	
(Scarborough)	56
Barnsley Hospitals NHS Trust	21
Sheffield Children's Hospital	<10
3 - North West Coast	
Royal Liverpool & Broadgreen University Hospitals NHS Trust	472
Blackpool, Fylde & Wyre Hospitals NHS Foundation Trust	128
University Hospitals of Morecambe Bay NHS Foundation Trust	98
Countess Of Chester Hospital NHS Foundation Trust	89
·	
Wirral University Teaching Hospital NHS Foundation Trust	67
St Helens & Knowsley NHS Trust	54
,	
Aintree University Hospitals NHS Foundation Trust	45
,	45 40
Aintree University Hospitals NHS Foundation Trust	-
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust	40
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust	40 39
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust	40 39 23
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester	40 39 23 866
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust	40 39 23 866 248
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust	40 39 23 866 248 161
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust	40 39 23 866 248 162
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust	40 39 23 866 248 162 67
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands	40 39 23 866 248 162 67 11 <10
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust	40 39 23 866 248 163 67 11 <10
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust	40 39 23 866 248 163 67 11 <10
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust	40 39 23 866 248 167 11 <10 472 239 128
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust	40 39 23 866 248 163 67 11 <10 472 239 128 123
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust	40 39 23 866 248 163 67 11 <10 472 239 128 55
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust	40 39 23 866 248 163 67 11 <10 472 239 128 55 54
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust	40 39 23 866 248 161 67 11 <10 472 239 128 55 54 36
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust	40 39 23 866 248 161 67
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust O- West Midlands	400 39 23 866 248 161 67 11 <10 472 239 128 55 54 36 23
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands University Hospitals of North Midlands NHS Trust	400 39 23 866 248 163 67 11 <10 472 239 128 123 55 54 36 23
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust	400 399 238 8666 248 161 67 111 <102 472 239 128 123 55 54 36 23
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Heart of England NHS Foundation Trust	400 399 238 866 248 161 67 11 <10 472 239 128 123 55 54 36 23 301 260 159
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Heart of England NHS Foundation Trust Burton Hospital NHS Trust	400 399 238 866 248 163 172 128 128 123 55 54 36 23 260 153 153
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust 6 - West Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Burton Hospital NHS Foundation Trust Burton Hospital NHS Frust Burton Hospital NHS Frust University Hospitals Birmingham NHS Foundation Trust	400 399 238 866 248 163 67 111 <10 472 239 128 55 54 36 23 260 159 153 144
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust G - West Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Burton Hospital NHS Foundation Trust Burton Hospital NHS Frust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust Burton Hospital NHS Irust University Hospitals Birmingham NHS Foundation Trust	400 399 238 866 248 163 110 472 239 128 123 55 54 366 23 303 266 159 159 144 146
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust 6 - West Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Burton Hospital NHS Foundation Trust Burton Hospital NHS Frust Burton Hospital NHS Frust University Hospitals Birmingham NHS Foundation Trust	400 399 238 8666 248 161 677 111 <102 399 128 555 54 360 159 151 144 140 123
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust United Lincolnshire Hospitals NHS Trust Chettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust G - West Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Burton Hospital NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Trust University Hospitals Birmingham NHS Foundation Trust The Royal Wolverhampton NHS Trust (Cannock Chase) The Dudley Group of Hospitals NHS Foundation Trust	400 399 238 8666 248 161 677 111 <102 472 239 128 123 55 54 36 23 301 260 151 144 140 123 82
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust United Lincolnshire Hospital NHS Trust Chettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust 6 - West Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Burton Hospital NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust Burton Hospital NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation NHS Foundation Trust	40 39 23 866 248 161 67 11 <10 472 239 128 55 54 36
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust Houley Group of Hospitals NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation NHS Trust (Cannock Chase) The Dudley Group of Hospitals NHS Foundation Trust Hospitals NHS Trust Heart of England NHS Foundation Trust	400 399 238 866 248 161 <10 472 239 128 123 554 360 23 151 144 140 123 82 58
Aintree University Hospitals NHS Foundation Trust Southport and Ormskirk Hospital NHS Trust The Mid Cheshire Hospitals NHS Trust Lancashire Teaching Hospitals Foundation NHS Trust 4 - Greater Manchester Salford Royal NHS Foundation Trust East Lancashire Hospitals NHS Trust Wrightington, Wigan and Leigh NHS Foundation Trust Tameside Hospital NHS Foundation Trust East Cheshire NHS Trust Pennine Acute Hospitals NHS Trust 5 - East Midlands Nottingham University Hospitals NHS Trust University Hospitals Leicester NHS Trust University Hospitals Leicester NHS Trust United Lincolnshire Hospitals NHS Trust Derby Hospitals Foundation Trust Kettering General Hospital NHS Trust Sherwood Forest Hospitals NHS Trust Chesterfield Royal NHS Foundation Trust Northampton General Hospital NHS Trust University Hospitals of North Midlands NHS Trust Sandwell And West Birmingham Hospitals NHS Trust Heart of England NHS Foundation Trust Burton Hospital NHS Trust University Hospitals Birmingham NHS Foundation Trust Heart of England NHS Foundation Trust University Hospitals Birmingham NHS Foundation Trust The Royal Wolverhampton NHS Trust (Cannock Chase) The Dudley Group of Hospitals NHS Foundation Trust Wye Valley NHS Trust University Hospitals Coventry & Warwickshire NHS Trust University Hospitals Coventry & Warwickshire NHS Trust	400 399 238 866 677 111 <102 393 128 123 555 544 360 233 155 155 144 140 123 82 58 57

7 - Eastern	
East Suffolk an North Essex Hospital NHS Trust (Ipswich)	133
North West Anglia NHS Foundation Trust	121
Norfolk and Norwich University Hospitals NHS Foundation Trust	109
Bedford Hospital NHS Trust	86
Cambridge University Hospitals NHS Foundation Trust	71
Queen Elizabeth Hospital Kings Lynn NHS Trust	40
James Paget University Hospitals NHS Foundation Trust	34
West Suffolk NHS Foundation Trust	12
East and North Hertfordshire NHS Trust	11
University Hospitals Bristol NHS Foundation Trust	172
Royal United Hospital Bath NHS Trust	145
Great Western Hospitals NHS Foundation Trust	63
Gloucestershire Hospitals NHS Foundation Trust	34
Weston Area Health NHS Trust	11
9 - Thames Vally and South Midlands	
Oxford University Hospitals NHS Trust	189
Buckinghamshire Healthcare NHS Trust	53
Milton Keynes Hospital NHS Foundation Trust	38
Royal Berkshire NHS Foundation Trust	29



10 - North Thames	
Royal Free NHS Foundation Trust (Barnet & Chase Farm)	215
Royal Free London NHS Foundation Trust	152
Barts Health NHS Trust (Whipps Cross)	145
West Hertfordshire Hospitals NHS Trust	113
The Princess Alexandra Hospital NHS Trust	97
Basildon & Thurrock University Hospitals NHS Trust	91
BHR University Hospitals NHS Trust	88
Mid Essex Hospital Services NHS Trust	75
Homerton University Hospital NHS Trust	53
Barts Health NHS Trust (Barts)	52
Whittington Health	43
University College Hospital NHS Foundation Trust	32
Luton & Dunstable Hospital NHS Foundation Trust	10
11 - South London	
Guys & St Thomas NHS Foundation Trust	690
Kings College Hospital NHS Foundation Trust (Beckenham Beacon)	169
Lewisham & Greenwich NHS Trust (Queen Elizabeth Woolwich)	134
Kingston Hospital NHS Foundation Trust	103
Epsom and St Helier University Hospitals NHS Trust	93
Kings College Hospital NHS Foundation Trust	91
St Georges London NHS Trust	75
Lewisham & Greenwich NHS Trust	28
Croydon Health Services NHS Trust	18

<u> </u>	
12 - North West London	
West Middlesex University NHS Trust	17
London North West University Healthcare NHS Trust	75
(Ealing) Imperial College Healthcare NHS Trust	30
Chelsea and Westminster NHS Foundation	20
London North West University Healthcare NHS Trust	
(Northwick Park)	10
13 - Kent, Surrey and Sussex	
Surrey And Sussex Healthcare NHS Trust	15
Western Sussex Hospitals NHS Trust	14 13
East Kent Hospitals NHS University Foundation Trust Frimley Health NHS Foundation Trust	97
Brighton And Sussex University Hospitals NHS Trust	79
Medway NHS Foundation Trust	62
East Sussex Hospitals NHS Trust	35
The Royal Surrey County Hospital NHS Trust	20
Ashford and St Peters NHS trust	12
14 - Wessex	25
Portsmouth NHS Trust Poole Hospital NHS Foundation Trust	25 77
Hampshire Hospitals NHS Foundation Trust (Basingstoke)	43
Southampton University Hospitals NHS Trust	37
Salisbury NHS Foundation Trust	29
Dorset County Hospital NHS Foundation Trust	26
Royal Bournemouth And Christchurch Hospitals	22
Hampshire Hospitals NHS Foundation Trust (Winchester)	12
15 - South West Peninsula	10
Torbay & South Devon Healthcare NHS Foundation Plymouth Hospitals NHS Trust	10 70
Royal Devon and Exeter NHS Foundation Trust	55
Taunton and Somerset NHS Foundation Trust	54
Royal Comwall Hospitals Trust	43
Northern Devon Healthcare NHS Trust	29
Yeovil District Hospital NHS Foundation Trust	23
1.6 - Scotland	20
NHS Greater Glasgow and Clyde NHS Grampian	39 16
NHS Lothian	15
NHS Fife (Dunfermline Queen Margaret)	92
NHS Tayside	70
NHS Highland	60
NHS Fife (Victoria Hospital Kirkcaldy)	35
Ayrshire & Arran NHS NHS Dumfries & Galloway	34
NHS Lanarkshire	32
NHS Borders	<1
NHS Forth Valley	<1
Royal Hospital for Children	<1
17 - Wales	
Aneurin Bevan Health Board	18
Cardiff & Vale University Health Board	13
(West Wales) Hywel Dda Local Health Board Betsi Cadwaladr (Ysbyty Gwynedd)	12 91
(Bridgend) ABM University Health Board	70
Betsi Cadwaladr University (Glan Clwyd)	70
(Neath Port Talbot) ABM University Health Board	37
(Swansea) ABM University Health Board	36
Betsi Cadwaladr Health Board (Wrexham)	30
(Withybush) Hywel Dda Local Health Board	25
18 - Northern Ireland	40
Belfast Health & Social Care Trust Southern Health and Social Care Trust	40 18
South Eastern Health and Social Care Trust	12
Northern Health and Social Care Trust	21
19 - Eire	
St Vincents Hospital (Dublin)	26
St James`s Hospital Dublin	22
University Hospital Galway	12
Mater Misericordiae University Hospital	62
University Hospital Limerick South Infirmary Victoria University Hospital	53 41
University Hospital Waterford	30
Sligo General Hospital	29
Our Lady's Children's Hospital (Crumlin)	<1