

Appendix B

Integrated Care Board (ICB) and health board (HB) adult incidence and prevalence numbers, rates and standardised ratios – data to the end of 2023

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Introduction

This appendix gives the numbers of adult patients incident to kidney replacement therapy (KRT) and the adult prevalent numbers by treatment modality: in-centre haemodialysis (ICHHD), home therapies – peritoneal dialysis (PD) and home haemodialysis (HHD) – and transplant (Tx).

It also gives crude population rates and standardised incidence ratios for the adult incident UK KRT cohort, crude population rates and standardised prevalence ratios for the total adult UK KRT prevalent cohort and crude population rates and standardised ratios for prevalent adult Tx patients, which were all calculated using the methods described below.

Methods

Patients included in the ICB/HB analyses

For the incidence rate analyses, all people aged 18 or over recorded by the UK Renal Registry (UKRR) as starting KRT in each year were included. For the prevalence rate analyses, prevalent patients aged 18 or over at the end of the year were included.

Years included in the ICB/HB analyses

Analyses have been done for each of the last six years. Combined analyses over the six years have also been done for the incidence rates and incidence rate ratio analyses because there can be small numbers of incident patients in some areas.

Areas covered in the ICB/HB analyses

The areas used were the 42 English Integrated Care Boards (ICBs), the seven Welsh Local Health Boards, the fourteen Scottish Health Boards and the five Health and Social Care Trusts in Northern Ireland. In this appendix these different types of area are collectively called ICBs and health boards (HBs). Patients were allocated to ICB/HB using the patient's postcode (rather than their GP's postcode). For the incidence rate analyses, the patient's postcode at the start of KRT was used. For the prevalence rate analyses, the postcode at the end of the latest year was used. Each postcode was linked to the Office for National Statistics (ONS) postcode directory to give the ICB/HB code.

Population data used for the ICB/HB analyses

Mid-2023 population estimates by ICB/HB, sex and age were obtained from the National Records of Scotland website (<https://nrscotland.gov.uk/>) for Scotland. For England, Wales and Northern Ireland the mid-2022 estimates obtained last year were scaled up to approximate 2023 populations. The ICB/HB populations aged 18 years and over ranged from 18,100 (Orkney) to 2,440,700 (NHS North East and North Cumbria ICB).

The analysis for each of the six years used the same population data.

Calculation of rates and rate ratios for the ICB/HB analyses

Crude rates

The crude rates, per million population (pmp), were calculated for each ICB/HB for each year:

$$1,000,000 \times (\text{observed number})/(\text{population size})$$

For the combined years analyses for incidence rates and rate ratios the observed cases were summed over the available years and the population was multiplied by six. This gives rates pmp per year – an average over the available years.

Confidence intervals (CIs) have not been calculated for these (single or combined years) rates but, if required, an assessment can be made of whether the rate for a given area is consistent with the rate in the whole population. This can be done by using figures B1-B3 which show the CIs around the overall average rates for a range of ICB/ HB population sizes.

Note that when using the CI figures to assess how different an area's combined years' crude incidence rate is from the overall average, the population looked up on the x-axis should be the area's population multiplied by the number of years of data that has been used (i.e., six). In doing this, the CIs obtained become narrower, consistent with the analysis now being based on more than one year of data.

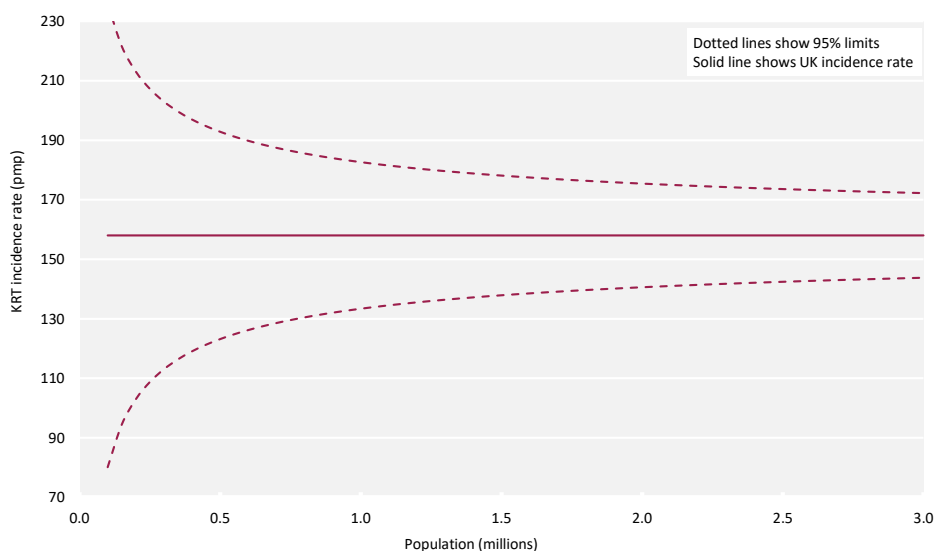


Figure B1 95% confidence limits for adult KRT incidence rate of 158 pmp in 2023 for population size 100,000–3,000,000 pmp – per million population

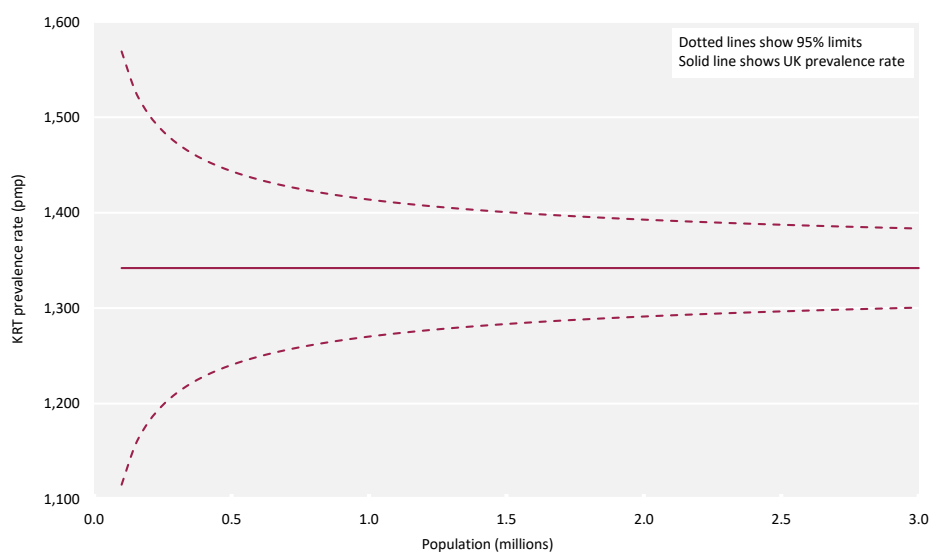


Figure B2 95% confidence limits for adult KRT prevalence rate of 1,342 pmp on 31/12/2023 for population size 100,000–3,000,000
pmp – per million population

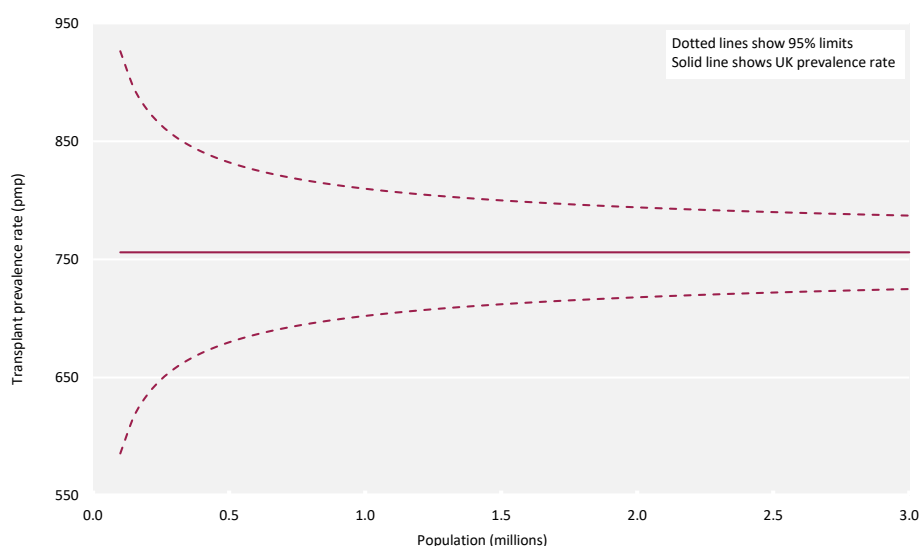


Figure B3 95% confidence limits for adult transplant prevalence rate of 756 pmp on 31/12/2023 for population size 100,000 – 3 million
pmp – per million population

Standardised incidence/prevalence ratios

There were large differences in incidence and prevalence rates for KRT between age and sex groups. As there are also differences in the age/sex breakdowns of the different areas, it is useful to produce estimates standardised for age and sex. The method used is *indirect* standardisation.

Observed cases (O_i) were calculated by summing all cases in all age and sex groups for each ICB/HB. Expected cases (E_i) for each ICB/HB were calculated as follows:

Overall crude rates (for each year) were calculated for the whole covered population (the *standard population*) by summing the observed numbers, over the ICBs/HBs, for each age/sex group and dividing this by the total population in that age/sex group. These crude rates (by age/sex group) were then multiplied by the population each ICB/HB had in each group to give the number of cases expected in that group if that ICB/HB had the same rates as the standard population.

These expected numbers were then summed over the age/sex groups to give an expected total number of cases in each ICB/HB. The age/sex standardised ratio (SR) for ICB/HB_{*i*} is then O_i/E_i .

The expected number of cases is the number seen if the rates in the standard population are applied to that individual ICB's/HB's age/sex breakdown. CIs were calculated for each area using an error factor (EF) as follows:

Lower 95% confidence limit = SR/EF

Upper 95% confidence limit = $SR \times EF$

Where $EF = \exp(1.96/\sqrt{O_i})$

SR = 1 indicates that the area's rate was as expected if the age/sex rates found in the total covered population applied to the ICB/HB area's population structure; a value above one indicates that the observed rate was greater than expected given the area's population structure - if the lower confidence limit was above one this was statistically significant at the 5% level. The converse applies to SRs below one.

The combined years analyses are the same as the above except that the observed and expected numbers are summed over the years.

Remaining variability between rates

Even after standardisation there remained a large amount of variability between ICB/HB, as can be seen by the large numbers of notably low or high SRs. This is partly because these ratios have only been adjusted for age and sex and not for ethnicity or any other factors. Higher rates are expected in populations with a high percentage of patients from South Asian or Black backgrounds.

Trends by ICB/HB between 2018 and 2023

Table B1 Number of adult patients incident to KRT by year of KRT start and ICB/HB (2018-2023)

ICB/HB	Number of observations (incident)					
	2018	2019	2020	2021	2022	2023
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	167	177	158	147	191	174
NHS North East and North Cumbria ICB	358	327	311	344	325	369
NHS South Yorkshire ICB	190	155	164	163	198	169
NHS West Yorkshire ICB	253	271	239	254	273	273
NORTH WEST						
NHS Cheshire and Merseyside ICB	261	255	238	270	262	236
NHS Greater Manchester ICB	318	343	306	333	359	368
NHS Lancashire and South Cumbria ICB	203	175	173	208	198	209
MIDLANDS						
NHS Birmingham and Solihull ICB	228	220	198	217	240	224
NHS Black Country ICB	170	174	186	214	207	214
NHS Coventry and Warwickshire ICB	118	131	137	146	129	128
NHS Derby and Derbyshire ICB	108	139	119	125	129	135
NHS Herefordshire and Worcestershire ICB	79	85	76	70	93	78
NHS Leicester, Leicestershire and Rutland ICB	138	162	145	119	148	140
NHS Lincolnshire ICB	75	90	88	90	87	103
NHS Northamptonshire ICB	95	88	95	85	68	84
NHS Nottingham and Nottinghamshire ICB	125	126	113	122	125	123
NHS Shropshire, Telford and Wrekin ICB	80	72	48	63	55	69
NHS Staffordshire and Stoke-on-Trent ICB	119	132	146	158	169	144
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	131	119	132	145	132	134
NHS Cambridgeshire and Peterborough ICB	93	108	99	109	108	81
NHS Hertfordshire and West Essex ICB	152	166	148	161	147	174
NHS Mid and South Essex ICB	125	154	131	139	169	218
NHS Norfolk and Waveney ICB	101	123	127	138	141	90
NHS Suffolk and North East Essex ICB	123	130	115	124	109	111
LONDON						
NHS North East London ICB	327	303	315	280	290	327
NHS North Central London ICB	223	234	193	228	201	212
NHS North West London ICB	363	363	347	377	363	348
NHS South East London ICB	257	291	249	324	282	286
NHS South West London ICB	192	196	221	227	223	228
NHS Surrey Heartlands ICB ^a	105	98	115	122	117	124
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	182	188	158	183	204	209
NHS Frimley ICB	83	94	85	84	108	111
NHS Hampshire and Isle of Wight ICB	192	183	181	196	222	197
NHS Kent and Medway ICB	191	214	194	242	224	230
NHS Sussex ICB	209	206	186	189	154	210
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	88	106	101	79	92	87
NHS Bristol, North Somerset and South Gloucestershire ICB	115	106	84	117	105	123
NHS Cornwall and the Isles of Scilly ICB	80	79	55	93	90	72
NHS Devon ICB ^b	146	149	151	174	153	155
NHS Dorset ICB	93	81	66	64	87	80
NHS Gloucestershire ICB	73	67	83	84	89	83
NHS Somerset ICB ^b	58	73	65	73	54	73
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	61	48	42	56	51	43
Northern HSC Trust	72	66	39	55	45	58

Table B1 Continued

ICB/HB	Number of observations (incident)					
	2018	2019	2020	2021	2022	2023
South eastern HSC Trust	30	36	43	50	38	51
Southern HSC Trust	33	33	41	44	30	44
Western HSC Trust	36	31	40	34	35	36
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	43	47	58	47	51	56
Borders	12	13	4	5	9	12
Dumfries and Galloway	20	20	21	14	19	11
Fife	42	51	39	46	40	48
Forth Valley	51	31	38	36	49	46
Grampian	60	39	56	51	56	66
Greater Glasgow and Clyde	130	148	125	160	141	122
Highland	51	27	20	41	34	57
Lanarkshire	76	85	67	82	73	97
Lothian	79	69	72	79	87	74
Orkney	2	2	3	5	0	4
Shetland	3	0	3	3	1	0
Tayside	38	29	27	39	31	47
Western Isles	2	1	3	3	1	3
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	81	88	71	73	83	81
Betsi Cadwaladr University Health Board	89	82	93	77	98	103
Cardiff and Vale University Health Board	69	55	36	36	76	63
Cwm Taf Morgannwg University Health Board	59	47	40	61	59	77
Hywel Dda University Health Board	54	72	49	55	56	70
Powys Teaching Health Board	20	12	18	16	17	12
Swansea Bay University Health Board	61	57	56	49	66	63

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^b Exeter was unable to submit 2021, 2022 or 2023 patient level data. Numbers of incident patients in 2017, 2018 and 2019 were used as estimates for these years

Manchester was unable to submit 2023 patient level data. Numbers of incident patients in 2022 were used to estimate 2023

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

Table B2 Number of adult patients prevalent to ICHD by year and ICB/HB (2018-2023)

ICB/HB	Number of observations (ICHD)					
	2018	2019	2020	2021	2022	2023
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	556	556	580	585	597	623
NHS North East and North Cumbria ICB	997	1007	970	980	1000	1051
NHS South Yorkshire ICB	577	559	566	559	592	594
NHS West Yorkshire ICB	813	831	822	858	928	995
NORTH WEST						
NHS Cheshire and Merseyside ICB	790	823	803	813	846	801
NHS Greater Manchester ICB	845	828	868	856	922	961
NHS Lancashire and South Cumbria ICB	560	551	537	540	544	562
MIDLANDS						
NHS Birmingham and Solihull ICB	799	817	786	833	864	878
NHS Black Country ICB	639	629	654	679	724	730
NHS Coventry and Warwickshire ICB	297	334	345	356	357	384
NHS Derby and Derbyshire ICB	304	330	331	371	392	393
NHS Herefordshire and Worcestershire ICB	291	312	306	301	322	301
NHS Leicester, Leicestershire and Rutland ICB	393	397	399	407	428	416
NHS Lincolnshire ICB	223	237	242	266	271	286
NHS Northamptonshire ICB	246	254	260	269	266	268
NHS Nottingham and Nottinghamshire ICB	373	372	356	369	375	380
NHS Shropshire, Telford and Wrekin ICB	208	216	188	201	184	185
NHS Staffordshire and Stoke-on-Trent ICB	356	328	328	334	375	404
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	321	319	347	357	375	420
NHS Cambridgeshire and Peterborough ICB	292	291	275	293	301	291
NHS Hertfordshire and West Essex ICB	423	435	449	465	470	483
NHS Mid and South Essex ICB	416	428	432	436	439	483
NHS Norfolk and Waveney ICB	346	349	347	379	384	382
NHS Suffolk and North East Essex ICB	335	331	340	363	367	375
LONDON						
NHS North East London ICB	1019	1006	1028	1080	1156	1210
NHS North Central London ICB	620	663	630	646	656	688
NHS North West London ICB	1309	1280	1167	1185	1225	1256
NHS South East London ICB	1049	1042	1073	1152	1171	1153
NHS South West London ICB	702	700	741	756	728	760
NHS Surrey Heartlands ICB ^a	319	307	299	318	318	304
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	427	441	440	428	460	500
NHS Frimley ICB	268	277	268	278	301	315
NHS Hampshire and Isle of Wight ICB	477	526	544	572	589	613
NHS Kent and Medway ICB	598	596	607	649	670	667
NHS Sussex ICB	550	557	550	556	560	594
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	214	227	237	236	237	227
NHS Bristol, North Somerset and South Gloucestershire ICB	329	322	310	313	342	334
NHS Cornwall and the Isles of Scilly ICB	199	197	193	224	241	227
NHS Devon ICB ^b	432	415	454	436	431	439
NHS Dorset ICB	247	242	252	252	285	278
NHS Gloucestershire ICB	244	235	220	224	223	218
NHS Somerset ICB ^b	190	193	194	198	195	210
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	133	127	111	89	100	90
Northern HSC Trust	162	155	146	139	138	151
South eastern HSC Trust	108	95	98	119	114	114
Southern HSC Trust	93	92	94	95	86	91
Western HSC Trust	98	87	97	90	93	94

Table B2 Continued

ICB/HB	Number of observations (ICHHD)					
	2018	2019	2020	2021	2022	2023
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	146	146	153	143	153	168
Borders	34	37	35	35	29	35
Dumfries and Galloway	57	52	55	52	47	45
Fife	142	146	150	168	165	176
Forth Valley	104	103	92	95	94	108
Grampian	201	180	179	173	181	200
Greater Glasgow and Clyde	422	408	401	410	465	446
Highland	103	103	99	105	95	120
Lanarkshire	225	240	220	220	227	255
Lothian	258	253	246	237	249	258
Orkney	5	4	7	10	7	8
Shetland	11	8	9	11	9	7
Tayside	158	156	152	142	133	141
Western Isles	14	12	15	13	12	12
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	233	247	223	229	239	249
Betsi Cadwaladr University Health Board	251	248	258	253	253	264
Cardiff and Vale University Health Board	166	163	163	160	181	184
Cwm Taf Morgannwg University Health Board	171	166	155	178	192	200
Hywel Dda University Health Board	165	171	175	182	171	193
Powys Teaching Health Board	59	55	55	49	49	47
Swansea Bay University Health Board	171	172	170	181	174	183

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^b Exeter was unable to submit 2021, 2022 or 2023 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for each of these years

Manchester was unable to submit 2023 patient level data. Numbers of prevalent patients in 2022 were used to estimate 2023

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

Table B3 Number of adult patients prevalent to home therapies (home-HD and PD) by year and ICB/HB (2018-2023)

ICB/HB	Number of observations (HHD and PD)					
	2018	2019	2020	2021	2022	2023
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	106	116	112	111	133	111
NHS North East and North Cumbria ICB	186	184	169	184	179	178
NHS South Yorkshire ICB	107	107	114	111	116	103
NHS West Yorkshire ICB	119	135	120	114	124	118
NORTH WEST						
NHS Cheshire and Merseyside ICB	202	173	184	184	185	182
NHS Greater Manchester ICB	262	275	264	258	265	269
NHS Lancashire and South Cumbria ICB	94	109	114	118	115	109
MIDLANDS						
NHS Birmingham and Solihull ICB	181	184	204	197	209	178
NHS Black Country ICB	155	158	144	165	169	180
NHS Coventry and Warwickshire ICB	74	98	100	101	91	82
NHS Derby and Derbyshire ICB	128	124	149	142	140	130
NHS Herefordshire and Worcestershire ICB	77	72	79	76	61	70
NHS Leicester, Leicestershire and Rutland ICB	77	71	64	61	66	85
NHS Lincolnshire ICB	62	64	63	77	73	72
NHS Northamptonshire ICB	47	53	52	52	54	53
NHS Nottingham and Nottinghamshire ICB	102	109	121	125	118	114
NHS Shropshire, Telford and Wrekin ICB	79	82	90	88	89	101
NHS Staffordshire and Stoke-on-Trent ICB	148	150	172	188	173	150
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	60	51	48	56	68	75
NHS Cambridgeshire and Peterborough ICB	42	43	43	49	60	53
NHS Hertfordshire and West Essex ICB	90	96	89	90	88	87
NHS Mid and South Essex ICB	98	104	116	113	107	136
NHS Norfolk and Waveney ICB	58	74	73	73	60	77
NHS Suffolk and North East Essex ICB	70	67	54	50	32	25
LONDON						
NHS North East London ICB	248	224	268	257	261	250
NHS North Central London ICB	152	147	151	147	129	119
NHS North West London ICB	131	162	211	233	215	222
NHS South East London ICB	129	147	162	179	177	150
NHS South West London ICB	108	100	130	132	126	123
NHS Surrey Heartlands ICB ^a	66	62	76	72	73	72
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	74	71	80	85	97	100
NHS Frimley ICB	35	43	45	42	53	50
NHS Hampshire and Isle of Wight ICB	142	130	150	140	152	142
NHS Kent and Medway ICB	92	97	119	128	130	114
NHS Sussex ICB	128	116	126	136	122	125
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	62	68	77	69	60	53
NHS Bristol, North Somerset and South Gloucestershire ICB	38	45	49	62	46	49
NHS Cornwall and the Isles of Scilly ICB	37	40	38	39	38	39
NHS Devon ICB ^b	102	100	97	93	96	88
NHS Dorset ICB	49	50	46	35	29	41
NHS Gloucestershire ICB	41	34	34	37	34	36
NHS Somerset ICB ^b	44	53	48	49	53	49
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	15	10	11	19	16	14
Northern HSC Trust	27	33	21	27	24	21
South eastern HSC Trust	22	20	13	13	13	16
Southern HSC Trust	19	14	13	17	15	11
Western HSC Trust	10	14	9	7	8	3

Table B3 Continued

ICB/HB	Number of observations (HHD and PD)					
	2018	2019	2020	2021	2022	2023
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	32	39	42	50	44	44
Borders	6	5	3	3	3	4
Dumfries and Galloway	7	10	11	9	9	9
Fife	11	15	9	10	17	17
Forth Valley	15	12	11	8	11	9
Grampian	31	25	25	22	29	23
Greater Glasgow and Clyde	35	37	29	27	28	28
Highland	27	24	17	19	20	14
Lanarkshire	33	30	38	32	28	29
Lothian	33	36	30	36	43	33
Orkney	1	0	0	0	1	1
Shetland	0	0	0	0	1	0
Tayside	27	27	18	19	23	25
Western Isles	3	2	0	0	0	0
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	44	41	46	44	46	41
Betsi Cadwaladr University Health Board	74	72	77	65	73	83
Cardiff and Vale University Health Board	22	31	30	32	26	34
Cwm Taf Morgannwg University Health Board	39	42	37	42	41	32
Hywel Dda University Health Board	44	47	35	31	31	30
Powys Teaching Health Board	22	18	19	19	13	13
Swansea Bay University Health Board	42	49	49	43	45	39

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^b Exeter was unable to submit 2021, 2022 or 2023 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for each of these years

Manchester was unable to submit 2023 patient level data. Numbers of prevalent patients in 2022 were used to estimate 2023

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

Table B4 Number of adult patients prevalent to Tx by year and ICB/HB (2018-2023)

ICB/HB	Number of observations (Tx)					
	2018	2019	2020	2021	2022	2023
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	957	978	965	975	986	994
NHS North East and North Cumbria ICB	1670	1718	1758	1759	1772	1793
NHS South Yorkshire ICB	738	761	744	749	725	734
NHS West Yorkshire ICB	1388	1441	1477	1495	1516	1552
NORTH WEST						
NHS Cheshire and Merseyside ICB	1249	1268	1245	1253	1250	1300
NHS Greater Manchester ICB	1580	1627	1595	1622	1639	1642
NHS Lancashire and South Cumbria ICB	979	1001	997	1020	1039	1026
MIDLANDS						
NHS Birmingham and Solihull ICB	706	738	736	751	771	814
NHS Black Country ICB	610	639	650	655	658	681
NHS Coventry and Warwickshire ICB	537	573	597	607	603	612
NHS Derby and Derbyshire ICB	571	590	577	565	557	567
NHS Herefordshire and Worcestershire ICB	374	394	382	373	381	387
NHS Leicester, Leicestershire and Rutland ICB	693	748	767	732	749	777
NHS Lincolnshire ICB	383	404	412	390	404	415
NHS Northamptonshire ICB	404	406	415	412	410	416
NHS Nottingham and Nottinghamshire ICB	605	615	607	601	595	604
NHS Shropshire, Telford and Wrekin ICB	217	226	227	235	247	261
NHS Staffordshire and Stoke-on-Trent ICB	565	592	586	595	616	632
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	546	587	603	620	628	633
NHS Cambridgeshire and Peterborough ICB	450	493	526	532	539	558
NHS Hertfordshire and West Essex ICB	811	842	851	857	882	887
NHS Mid and South Essex ICB	619	644	644	665	668	668
NHS Norfolk and Waveney ICB	607	612	612	604	592	570
NHS Suffolk and North East Essex ICB	504	525	547	552	559	552
LONDON						
NHS North East London ICB	1082	1194	1180	1205	1261	1341
NHS North Central London ICB	934	981	980	1007	1041	1074
NHS North West London ICB	1479	1553	1576	1603	1673	1721
NHS South East London ICB	1076	1158	1137	1126	1192	1276
NHS South West London ICB	788	838	828	861	911	934
NHS Surrey Heartlands ICB ^a	492	505	513	517	517	534
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	1058	1095	1114	1131	1152	1174
NHS Frimley ICB	461	475	479	486	489	508
NHS Hampshire and Isle of Wight ICB	928	980	958	966	978	994
NHS Kent and Medway ICB	1050	1083	1051	1057	1058	1107
NHS Sussex ICB	823	871	859	864	877	897
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	495	512	520	527	545	554
NHS Bristol, North Somerset and South Gloucestershire ICB	511	516	511	514	531	557
NHS Cornwall and the Isles of Scilly ICB	355	366	361	345	347	351
NHS Devon ICB ^b	707	707	715	702	692	701
NHS Dorset ICB	414	432	435	435	422	426
NHS Gloucestershire ICB	371	383	381	382	398	403
NHS Somerset ICB ^b	280	283	288	289	280	278
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	238	248	263	270	280	290
Northern HSC Trust	291	311	340	349	359	359
South eastern HSC Trust	231	246	266	265	276	286
Southern HSC Trust	250	261	278	278	279	288
Western HSC Trust	212	212	224	234	243	248

Table B4 Continued

ICB/HB	Number of observations (Tx)					
	2018	2019	2020	2021	2022	2023
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	231	232	237	228	223	220
Borders	74	75	74	70	73	68
Dumfries and Galloway	88	95	94	98	97	96
Fife	187	194	195	189	186	184
Forth Valley	174	180	193	196	197	206
Grampian	311	328	336	356	359	363
Greater Glasgow and Clyde	737	779	783	778	779	813
Highland	196	207	210	205	215	228
Lanarkshire	422	451	447	455	458	475
Lothian	422	431	437	458	462	473
Orkney	7	11	11	11	12	12
Shetland	6	8	6	6	5	6
Tayside	230	236	237	241	241	243
Western Isles	13	14	15	16	16	17
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	375	383	372	376	380	405
Betsi Cadwaladr University Health Board	377	388	386	388	386	396
Cardiff and Vale University Health Board	282	290	292	294	303	313
Cwm Taf Morgannwg University Health Board	306	311	312	303	302	316
Hywel Dda University Health Board	209	216	212	215	218	229
Powys Teaching Health Board	62	66	64	59	63	70
Swansea Bay University Health Board	225	221	216	214	224	233

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^b Exeter was unable to submit 2021, 2022 or 2023 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for each of these years

Manchester was unable to submit 2023 patient level data. Numbers of prevalent patients in 2022 were used to estimate 2023

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

Table B5 Crude adult incidence rates of KRT and age/sex standardised incidence ratios (2018-2023 by individual year and 6 year average)

ICB/HB	Population 18+	O/E					2023		2018-2023				
		2018	2019	2020	2021	2022	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp	% White
NORTH EAST AND YORKSHIRE													
NHS Humber and North Yorkshire ICB	1,396,500	0.74	0.78	0.74	0.63	0.82	0.73	125	0.74	0.70	0.79	121	95
NHS North East and North Cumbria ICB	2,440,700	0.94	0.85	0.86	0.88	0.82	0.92	151	0.88	0.84	0.92	139	94
NHS South Yorkshire ICB	1,117,400	1.16	0.93	1.05	0.96	1.16	0.97	151	1.04	0.98	1.11	155	88
NHS West Yorkshire ICB	1,910,100	0.93	0.98	0.92	0.90	0.96	0.94	143	0.94	0.90	0.99	136	77
NORTH WEST													
NHS Cheshire and Merseyside ICB	2,063,700	0.83	0.80	0.80	0.83	0.80	0.71	114	0.79	0.75	0.83	123	93
NHS Greater Manchester ICB	2,277,600	1.01	1.08	1.02	1.02	1.09	1.10	162	1.06	1.01	1.10	148	76
NHS Lancashire and South Cumbria ICB	1,400,200	0.92	0.79	0.83	0.92	0.87	0.90	149	0.87	0.82	0.92	139	88
MIDLANDS													
NHS Birmingham and Solihull ICB	1,046,800	1.65	1.58	1.51	1.53	1.67	1.52	214	1.58	1.49	1.66	211	54
NHS Black Country ICB	943,300	1.24	1.26	1.43	1.52	1.45	1.47	227	1.40	1.32	1.48	206	69
NHS Coventry and Warwickshire ICB	772,600	1.05	1.15	1.29	1.26	1.11	1.07	166	1.15	1.08	1.24	170	81
NHS Derby and Derbyshire ICB	863,400	0.79	1.01	0.92	0.89	0.91	0.93	156	0.91	0.85	0.98	146	91
NHS Herefordshire and Worcestershire ICB	650,400	0.73	0.78	0.74	0.63	0.83	0.68	120	0.73	0.67	0.80	123	95
NHS Leicester, Leicestershire and Rutland ICB	912,600	1.04	1.21	1.15	0.87	1.07	0.99	153	1.05	0.98	1.13	156	73
NHS Lincolnshire ICB	635,600	0.71	0.85	0.88	0.83	0.80	0.93	162	0.83	0.76	0.91	140	96
NHS Northamptonshire ICB	626,200	1.02	0.93	1.07	0.88	0.70	0.85	134	0.91	0.83	0.99	137	88
NHS Nottingham and Nottinghamshire ICB	937,300	0.91	0.91	0.87	0.86	0.88	0.85	131	0.88	0.82	0.95	131	85
NHS Shropshire, Telford and Wrekin ICB	418,700	1.16	1.04	0.74	0.89	0.77	0.95	165	0.93	0.84	1.02	154	94
NHS Staffordshire and Stoke-on-Trent ICB	928,600	0.81	0.89	1.05	1.05	1.11	0.93	155	0.97	0.91	1.04	156	91
EAST OF ENGLAND													
NHS Bedfordshire, Luton and Milton Keynes ICB	789,200	1.18	1.06	1.26	1.27	1.14	1.13	170	1.17	1.09	1.26	167	72
NHS Cambridgeshire and Peterborough ICB	740,300	0.87	0.99	0.97	0.99	0.97	0.71	109	0.91	0.84	0.99	135	86
NHS Hertfordshire and West Essex ICB	1,178,700	0.87	0.95	0.90	0.90	0.81	0.94	148	0.90	0.84	0.95	134	83
NHS Mid and South Essex ICB	955,800	0.86	1.05	0.95	0.93	1.12	1.41	228	1.05	0.99	1.12	163	89
NHS Norfolk and Waveney ICB	857,400	0.70	0.85	0.94	0.94	0.95	0.60	105	0.83	0.77	0.89	140	95
NHS Suffolk and North East Essex ICB	811,500	0.93	0.98	0.92	0.91	0.80	0.80	137	0.89	0.83	0.96	146	92
LONDON													
NHS North East London ICB	1,581,200	1.80	1.64	1.82	1.49	1.52	1.67	207	1.66	1.58	1.73	194	46
NHS North Central London ICB	1,128,700	1.59	1.64	1.44	1.57	1.37	1.41	188	1.50	1.42	1.59	191	57
NHS North West London ICB	1,701,600	1.69	1.67	1.70	1.70	1.61	1.51	205	1.65	1.58	1.72	212	46
NHS South East London ICB	1,439,700	1.45	1.62	1.47	1.77	1.51	1.50	199	1.55	1.48	1.63	196	60

Table B5 Continued

ICB/HB	Population 18+	O/E					2023		2018-2023				
		2018	2019	2020	2021	2022	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp	% White
NHS South West London ICB	1,194,200	1.23	1.24	1.49	1.41	1.37	1.37	191	1.35	1.28	1.43	180	63
<i>NHS Surrey Heartlands ICB^a</i>	<i>837,100</i>	<i>0.83</i>	<i>0.77</i>	<i>0.96</i>	<i>0.94</i>	<i>0.89</i>	<i>0.92</i>	<i>148</i>	<i>0.88</i>	<i>0.82</i>	<i>0.95</i>	<i>136</i>	<i>85</i>
SOUTH EAST													
<i>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</i>	<i>1,434,800</i>	<i>0.86</i>	<i>0.88</i>	<i>0.79</i>	<i>0.84</i>	<i>0.93</i>	<i>0.93</i>	<i>146</i>	<i>0.88</i>	<i>0.83</i>	<i>0.93</i>	<i>131</i>	<i>83</i>
NHS Frimley ICB	603,500	0.96	1.07	1.03	0.94	1.20	1.20	184	1.07	0.99	1.16	156	74
<i>NHS Hampshire and Isle of Wight ICB</i>	<i>1,493,000</i>	<i>0.83</i>	<i>0.78</i>	<i>0.82</i>	<i>0.82</i>	<i>0.92</i>	<i>0.80</i>	<i>132</i>	<i>0.83</i>	<i>0.78</i>	<i>0.88</i>	<i>131</i>	<i>91</i>
<i>NHS Kent and Medway ICB</i>	<i>1,482,000</i>	<i>0.83</i>	<i>0.93</i>	<i>0.90</i>	<i>1.03</i>	<i>0.94</i>	<i>0.95</i>	<i>155</i>	<i>0.93</i>	<i>0.88</i>	<i>0.98</i>	<i>146</i>	<i>89</i>
<i>NHS Sussex ICB</i>	<i>1,406,700</i>	<i>0.93</i>	<i>0.91</i>	<i>0.87</i>	<i>0.82</i>	<i>0.66</i>	<i>0.88</i>	<i>149</i>	<i>0.84</i>	<i>0.80</i>	<i>0.90</i>	<i>137</i>	<i>91</i>
SOUTH WEST													
<i>NHS Bath and North East Somerset, Swindon and Wiltshire ICB</i>	<i>768,500</i>	<i>0.74</i>	<i>0.89</i>	<i>0.90</i>	<i>0.65</i>	<i>0.75</i>	<i>0.70</i>	<i>113</i>	<i>0.77</i>	<i>0.71</i>	<i>0.84</i>	<i>120</i>	<i>91</i>
NHS Bristol, North Somerset and South Gloucestershire ICB	807,000	1.04	0.95	0.80	1.03	0.91	1.05	152	0.96	0.89	1.04	134	87
NHS Cornwall and the Isles of Scilly ICB	474,500	0.98	0.96	0.72	1.11	1.07	0.84	152	0.95	0.87	1.04	165	97
<i>NHS Devon ICB^b</i>	<i>1,017,600</i>	<i>0.87</i>	<i>0.88</i>	<i>0.95</i>	<i>1.01</i>	<i>0.89</i>	<i>0.88</i>	<i>152</i>	<i>0.91</i>	<i>0.86</i>	<i>0.97</i>	<i>152</i>	<i>96</i>
<i>NHS Dorset ICB</i>	<i>648,600</i>	<i>0.85</i>	<i>0.74</i>	<i>0.64</i>	<i>0.57</i>	<i>0.77</i>	<i>0.70</i>	<i>123</i>	<i>0.71</i>	<i>0.65</i>	<i>0.78</i>	<i>121</i>	<i>94</i>
NHS Gloucestershire ICB	528,800	0.86	0.78	1.03	0.96	1.01	0.93	157	0.93	0.85	1.02	151	93
<i>NHS Somerset ICB^b</i>	<i>469,500</i>	<i>0.72</i>	<i>0.90</i>	<i>0.86</i>	<i>0.89</i>	<i>0.65</i>	<i>0.87</i>	<i>155</i>	<i>0.81</i>	<i>0.74</i>	<i>0.90</i>	<i>141</i>	<i>96</i>
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)													
Belfast HSC Trust	291,600	1.56	1.22	1.13	1.39	1.25	1.03	147	1.26	1.13	1.42	172	93
Northern HSC Trust	375,200	1.26	1.14	0.72	0.93	0.76	0.95	155	0.96	0.86	1.07	149	98
South eastern HSC Trust	289,300	0.66	0.79	1.00	1.08	0.81	1.07	176	0.90	0.80	1.02	143	98
<i>Southern HSC Trust</i>	<i>296,000</i>	<i>0.77</i>	<i>0.76</i>	<i>1.00</i>	<i>0.99</i>	<i>0.67</i>	<i>0.96</i>	<i>149</i>	<i>0.86</i>	<i>0.75</i>	<i>0.98</i>	<i>127</i>	<i>97</i>
Western HSC Trust	231,600	1.03	0.88	1.20	0.94	0.96	0.97	155	0.99	0.87	1.14	153	98
SCOTLAND (HEALTH BOARDS)													
Ayrshire and Arran	299,900	0.85	0.93	1.21	0.91	0.98	1.05	187	0.99	0.88	1.11	168	98
<i>Borders</i>	<i>96,200</i>	<i>0.70</i>	<i>0.75</i>	<i>0.25</i>	<i>0.28</i>	<i>0.51</i>	<i>0.67</i>	<i>125</i>	<i>0.53</i>	<i>0.41</i>	<i>0.69</i>	<i>95</i>	<i>98</i>
<i>Dumfries and Galloway</i>	<i>120,500</i>	<i>0.93</i>	<i>0.92</i>	<i>1.03</i>	<i>0.63</i>	<i>0.85</i>	<i>0.49</i>	<i>91</i>	<i>0.80</i>	<i>0.66</i>	<i>0.97</i>	<i>145</i>	<i>98</i>
Fife	303,600	0.87	1.05	0.85	0.93	0.80	0.94	158	0.91	0.81	1.02	146	96
Forth Valley	246,800	1.33	0.80	1.04	0.91	1.23	1.13	186	1.07	0.95	1.22	169	96
<i>Grampian</i>	<i>473,400</i>	<i>0.82</i>	<i>0.53</i>	<i>0.81</i>	<i>0.68</i>	<i>0.74</i>	<i>0.86</i>	<i>139</i>	<i>0.74</i>	<i>0.66</i>	<i>0.82</i>	<i>115</i>	<i>93</i>
Greater Glasgow and Clyde	975,200	0.95	1.07	0.96	1.13	0.99	0.84	125	0.99	0.92	1.06	141	87
<i>Highland</i>	<i>267,900</i>	<i>1.11</i>	<i>0.58</i>	<i>0.46</i>	<i>0.87</i>	<i>0.72</i>	<i>1.18</i>	<i>213</i>	<i>0.82</i>	<i>0.72</i>	<i>0.94</i>	<i>143</i>	<i>98</i>
Lanarkshire	541,000	0.92	1.02	0.85	0.96	0.85	1.10	179	0.95	0.87	1.04	148	96
<i>Lothian</i>	<i>751,600</i>	<i>0.75</i>	<i>0.65</i>	<i>0.72</i>	<i>0.73</i>	<i>0.80</i>	<i>0.66</i>	<i>98</i>	<i>0.72</i>	<i>0.66</i>	<i>0.79</i>	<i>102</i>	<i>90</i>
Orkney	18,100	0.63	0.63	1.00	1.55	0.00	1.21	222	0.84	0.51	1.37	148	98
Shetland	18,300	0.99	0.00	1.04	0.96	0.32	0.00	0	0.54	0.29	1.01	91	98
<i>Tayside</i>	<i>342,600</i>	<i>0.70</i>	<i>0.53</i>	<i>0.52</i>	<i>0.70</i>	<i>0.55</i>	<i>0.82</i>	<i>137</i>	<i>0.64</i>	<i>0.56</i>	<i>0.73</i>	<i>103</i>	<i>95</i>

Table B5 Continued

ICB/HB	Population 18+	O/E					2023		2018-2023				
		2018	2019	2020	2021	2022	O/E	Crude rate pmp	O/E	95%		Crude rate pmp	% White
										LCL	UCL		
<i>Western Isles</i>	<i>21,600</i>	<i>0.52</i>	<i>0.26</i>	<i>0.82</i>	<i>0.75</i>	<i>0.25</i>	<i>0.74</i>	<i>139</i>	<i>0.55</i>	<i>0.32</i>	<i>0.95</i>	<i>100</i>	<i>98</i>
WALES (LOCAL HEALTH BOARDS)													
Aneurin Bevan University Health Board	475,200	1.09	1.17	1.01	0.95	1.08	1.03	170	1.05	0.96	1.15	167	94
Betsi Cadwaladr University Health Board	561,700	0.95	0.87	1.05	0.80	1.02	1.05	183	0.96	0.88	1.04	161	97
Cardiff and Vale University Health Board	407,800	1.26	0.99	0.69	0.63	1.33	1.08	154	1.00	0.90	1.11	137	83
Cwm Taf Morgannwg University Health Board	357,700	1.06	0.84	0.76	1.07	1.03	1.31	215	1.02	0.91	1.13	160	97
Hywel Dda University Health Board	317,400	1.00	1.32	0.96	0.99	1.00	1.23	221	1.08	0.98	1.20	187	97
<i>Powys Teaching Health Board</i>	<i>111,800</i>	<i>0.99</i>	<i>0.59</i>	<i>0.94</i>	<i>0.77</i>	<i>0.82</i>	<i>0.57</i>	<i>107</i>	<i>0.78</i>	<i>0.63</i>	<i>0.95</i>	<i>142</i>	<i>98</i>
Swansea Bay University Health Board	312,800	1.27	1.18	1.23	0.99	1.33	1.24	201	1.21	1.09	1.34	188	93

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^b Exeter was unable to submit patient level data for 2021, 2022 or 2023. The ICB/HB and age/sex group breakdowns of their 2017, 2018 and 2019 incident patients were used as estimates for these years

Manchester was unable to submit patient level data for 2023. The ICB/HB and age/sex group breakdowns of their 2022 incident patients were used again to approximate 2023

Crude rates for the combined 2018-2023 analysis are pmp per year

Only the ≥18 years general population was included in the denominator

Areas with notably low incidence ratios in the combined years analysis are italicised in light grey areas; those with notably high incidence ratios are bold in dark grey areas

Confidence intervals (CIs) are not given for the crude rates pmp, but figure B1 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2023 estimates

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

LCL – lower confidence limit; O/E – standardised incidence ratio; pmp – per million population; UCL – upper confidence limit

% White is the % of the whole ICB/HB population that was White (from 2021 census)

Table B6 Crude adult prevalence rates of KRT and age/sex standardised prevalence ratios (2018-2023)

ICB/HB	Population 18+	O/E					2023			Crude rate pmp	% White
		2018	2019	2020	2021	2022	O/E	95% LCL	95% UCL		
NORTH EAST AND YORKSHIRE											
NHS Humber and North Yorkshire ICB	1,396,500	0.89	0.88	0.88	0.88	0.88	0.87	0.83	0.91	1,237	95
NHS North East and North Cumbria ICB	2,440,700	0.92	0.92	0.91	0.90	0.89	0.89	0.86	0.93	1,238	94
NHS South Yorkshire ICB	1,117,400	1.05	1.03	1.02	1.00	0.99	0.97	0.92	1.02	1,281	88
NHS West Yorkshire ICB	1,910,100	1.02	1.03	1.04	1.04	1.06	1.08	1.04	1.12	1,395	77
NORTH WEST											
NHS Cheshire and Merseyside ICB	2,063,700	0.87	0.86	0.84	0.83	0.83	0.81	0.78	0.85	1,106	93
NHS Greater Manchester ICB	2,277,600	1.02	1.01	1.00	0.99	1.01	1.00	0.96	1.04	1,261	76
NHS Lancashire and South Cumbria ICB	1,400,200	0.91	0.91	0.89	0.90	0.89	0.87	0.83	0.91	1,212	88
MIDLANDS											
NHS Birmingham and Solihull ICB	1,046,800	1.45	1.46	1.44	1.46	1.49	1.48	1.41	1.55	1,786	54
NHS Black Country ICB	943,300	1.23	1.22	1.23	1.26	1.28	1.28	1.22	1.35	1,687	69
NHS Coventry and Warwickshire ICB	772,600	0.98	1.06	1.09	1.10	1.06	1.07	1.01	1.14	1,395	81
NHS Derby and Derbyshire ICB	863,400	0.90	0.91	0.92	0.93	0.92	0.90	0.85	0.95	1,263	91
NHS Herefordshire and Worcestershire ICB	650,400	0.86	0.87	0.86	0.83	0.83	0.80	0.75	0.86	1,165	95
NHS Leicester, Leicestershire and Rutland ICB	912,600	1.06	1.08	1.09	1.05	1.06	1.07	1.01	1.13	1,400	73
NHS Lincolnshire ICB	635,600	0.79	0.82	0.83	0.83	0.83	0.84	0.78	0.90	1,216	96
NHS Northamptonshire ICB	626,200	0.90	0.90	0.91	0.90	0.88	0.87	0.81	0.94	1,177	88
NHS Nottingham and Nottinghamshire ICB	937,300	0.96	0.95	0.93	0.93	0.91	0.90	0.84	0.95	1,171	85
NHS Shropshire, Telford and Wrekin ICB	418,700	0.91	0.92	0.88	0.90	0.88	0.91	0.83	0.98	1,306	94
NHS Staffordshire and Stoke-on-Trent ICB	928,600	0.90	0.88	0.89	0.90	0.92	0.91	0.86	0.97	1,277	91
EAST OF ENGLAND											
NHS Bedfordshire, Luton and Milton Keynes ICB	789,200	0.99	0.99	1.03	1.05	1.07	1.11	1.04	1.17	1,429	72
NHS Cambridgeshire and Peterborough ICB	740,300	0.88	0.91	0.92	0.94	0.95	0.93	0.87	0.99	1,218	86
NHS Hertfordshire and West Essex ICB	1,178,700	0.91	0.92	0.93	0.93	0.93	0.92	0.88	0.97	1,236	83
NHS Mid and South Essex ICB	955,800	0.94	0.96	0.97	0.97	0.95	0.99	0.93	1.04	1,347	89
NHS Norfolk and Waveney ICB	857,400	0.89	0.89	0.88	0.89	0.85	0.83	0.78	0.88	1,200	95
NHS Suffolk and North East Essex ICB	811,500	0.86	0.85	0.86	0.87	0.85	0.83	0.78	0.88	1,173	92
LONDON											
NHS North East London ICB	1,581,200	1.46	1.47	1.50	1.52	1.57	1.61	1.55	1.67	1,771	46
NHS North Central London ICB	1,128,700	1.40	1.43	1.40	1.42	1.41	1.42	1.36	1.49	1,667	57
NHS North West London ICB	1,701,600	1.57	1.57	1.54	1.56	1.58	1.59	1.53	1.64	1,880	46
NHS South East London ICB	1,439,700	1.45	1.47	1.48	1.52	1.54	1.53	1.47	1.59	1,791	60
NHS South West London ICB	1,194,200	1.19	1.19	1.23	1.25	1.23	1.25	1.19	1.30	1,522	63
NHS Surrey Heartlands ICB ^a	837,100	0.83	0.81	0.82	0.83	0.81	0.80	0.75	0.85	1,087	85

Table B6 Continued

ICB/HB	Population 18+	O/E					2023				
		2018	2019	2020	2021	2022	O/E	95%	95%	Crude	% White
								LCL	UCL	rate pmp	
SOUTH EAST											
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	1,434,800	0.89	0.89	0.91	0.90	0.92	0.93	0.89	0.98	1,236	83
NHS Frimley ICB	603,500	1.04	1.06	1.05	1.06	1.08	1.10	1.03	1.18	1,446	74
NHS Hampshire and Isle of Wight ICB	1,493,000	0.82	0.85	0.85	0.85	0.86	0.85	0.81	0.89	1,171	91
NHS Kent and Medway ICB	1,482,000	0.93	0.92	0.92	0.94	0.93	0.93	0.88	0.97	1,274	89
NHS Sussex ICB	1,406,700	0.83	0.83	0.82	0.82	0.81	0.82	0.78	0.86	1,149	91
SOUTH WEST											
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	768,500	0.80	0.81	0.84	0.82	0.82	0.79	0.74	0.85	1,085	91
NHS Bristol, North Somerset and South Gloucestershire ICB	807,000	0.96	0.94	0.92	0.93	0.94	0.94	0.88	1.00	1,165	87
NHS Cornwall and the Isles of Scilly ICB	474,500	0.92	0.91	0.89	0.90	0.91	0.88	0.81	0.95	1,300	97
NHS Devon ICB ^b	1,017,600	0.93	0.89	0.92	0.88	0.86	0.84	0.80	0.89	1,207	96
NHS Dorset ICB	648,600	0.82	0.82	0.83	0.80	0.80	0.79	0.74	0.85	1,149	94
NHS Gloucestershire ICB	528,800	0.96	0.93	0.90	0.90	0.89	0.88	0.81	0.95	1,242	93
NHS Somerset ICB ^b	469,500	0.81	0.81	0.81	0.81	0.78	0.77	0.71	0.84	1,144	96
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)											
Belfast HSC Trust	291,600	1.17	1.14	1.13	1.10	1.13	1.10	0.99	1.21	1,351	93
Northern HSC Trust	375,200	1.01	1.02	1.04	1.04	1.03	1.03	0.94	1.12	1,415	98
South eastern HSC Trust	289,300	0.97	0.95	0.99	1.02	1.02	1.03	0.93	1.13	1,438	98
Southern HSC Trust	296,000	1.00	0.99	1.03	1.03	0.98	0.99	0.90	1.09	1,317	97
Western HSC Trust	231,600	1.10	1.05	1.10	1.08	1.11	1.09	0.98	1.21	1,489	98
SCOTLAND (HEALTH BOARDS)											
Ayrshire and Arran	299,900	1.01	1.00	1.03	0.99	0.97	0.98	0.89	1.07	1,440	98
Borders	96,200	0.84	0.84	0.80	0.76	0.72	0.72	0.60	0.87	1,112	98
Dumfries and Galloway	120,500	0.89	0.90	0.91	0.89	0.84	0.81	0.69	0.94	1,245	98
Fife	303,600	0.87	0.88	0.88	0.89	0.88	0.88	0.80	0.98	1,242	96
Forth Valley	246,800	0.93	0.91	0.91	0.90	0.90	0.94	0.84	1.05	1,309	96
Grampian	473,400	0.91	0.87	0.87	0.88	0.89	0.90	0.83	0.97	1,238	93
Greater Glasgow and Clyde	975,200	1.04	1.04	1.02	1.01	1.04	1.03	0.97	1.08	1,320	87
Highland	267,900	0.89	0.88	0.86	0.85	0.84	0.90	0.81	1.00	1,351	98
Lanarkshire	541,000	0.99	1.02	0.99	0.98	0.97	1.01	0.94	1.08	1,403	96
Lothian	751,600	0.81	0.80	0.79	0.80	0.81	0.80	0.75	0.86	1,017	90
Orkney	18,100	0.52	0.58	0.69	0.80	0.74	0.76	0.50	1.17	1,163	98
Shetland	18,300	0.69	0.64	0.59	0.66	0.57	0.49	0.28	0.84	709	98
Tayside	342,600	0.95	0.93	0.90	0.87	0.85	0.85	0.77	0.94	1,194	95
Western Isles	21,600	0.97	0.88	0.94	0.90	0.85	0.86	0.60	1.24	1,343	98

Table B6 Continued

ICB/HB	Population 18+	O/E					2023				
		2018	2019	2020	2021	2022	O/E	95% LCL	95% UCL	Crude	% White
										rate pmp	
WALES (LOCAL HEALTH BOARDS)											
Aneurin Bevan University Health Board	475,200	1.07	1.08	1.02	1.02	1.03	1.05	0.97	1.13	1,462	94
<i>Betsi Cadwaladr University Health Board</i>	<i>561,700</i>	<i>0.94</i>	<i>0.92</i>	<i>0.93</i>	<i>0.90</i>	<i>0.89</i>	<i>0.91</i>	<i>0.85</i>	<i>0.98</i>	<i>1,323</i>	<i>97</i>
Cardiff and Vale University Health Board	407,800	1.03	1.03	1.03	1.02	1.05	1.07	0.98	1.16	1,302	83
Cwm Taf Morgannwg University Health Board	357,700	1.14	1.11	1.08	1.10	1.11	1.11	1.02	1.21	1,532	97
Hywel Dda University Health Board	317,400	0.97	0.98	0.95	0.95	0.92	0.96	0.88	1.06	1,424	97
<i>Powys Teaching Health Board</i>	<i>111,800</i>	<i>0.90</i>	<i>0.85</i>	<i>0.84</i>	<i>0.77</i>	<i>0.74</i>	<i>0.75</i>	<i>0.63</i>	<i>0.89</i>	<i>1,163</i>	<i>98</i>
Swansea Bay University Health Board	312,800	1.13	1.11	1.09	1.08	1.07	1.07	0.98	1.18	1,455	93

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^bExeter was unable to submit patient level data for 2021, 2022 or 2023. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for each of these years

Manchester was unable to submit patient level data for 2023. The ICB/HB and age/sex group breakdown of their 2022 patients was used again as an estimate for 2023

Only the ≥18 years general population was included in the denominator

Areas with notably low prevalence ratios in 2023 are italicised in light grey areas; those with notably high prevalence ratios are bold in dark grey areas

Confidence intervals (CIs) are not given for the crude rates pmp, but figure B2 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2023 estimates

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

LCL – lower confidence limit; O/E - standardised incidence ratio; pmp – per million population; UCL – upper confidence limit

% White is the % of the whole ICB/HB population that was White (from 2021 census)

Table B7 Crude adult prevalent Tx rates and age/sex standardised prevalent Tx ratios (2018-2023)

ICB/HB	Population 18+	O/E					2023				
		2018	2019	2020	2021	2022	O/E	95% LCL	95% UCL	Crude	% White
										rate pmp	
NORTH EAST AND YORKSHIRE											
NHS Humber and North Yorkshire ICB	1,396,500	0.97	0.95	0.93	0.93	0.93	0.91	0.85	0.97	712	95
NHS North East and North Cumbria ICB	2,440,700	0.98	0.96	0.98	0.97	0.96	0.95	0.91	1.00	735	94
NHS South Yorkshire ICB	1,117,400	0.97	0.96	0.94	0.94	0.89	0.88	0.82	0.95	657	88
NHS West Yorkshire ICB	1,910,100	1.08	1.08	1.10	1.11	1.10	1.11	1.05	1.16	813	77
NORTH WEST											
NHS Cheshire and Merseyside ICB	2,063,700	0.87	0.85	0.83	0.83	0.81	0.83	0.78	0.87	630	93
NHS Greater Manchester ICB	2,277,600	1.04	1.03	1.01	1.02	1.02	1.00	0.95	1.05	721	76
NHS Lancashire and South Cumbria ICB	1,400,200	1.00	0.98	0.97	0.98	0.98	0.95	0.89	1.01	733	88
MIDLANDS											
NHS Birmingham and Solihull ICB	1,046,800	1.05	1.05	1.05	1.07	1.08	1.12	1.04	1.20	778	54
NHS Black Country ICB	943,300	0.95	0.95	0.97	0.97	0.96	0.97	0.90	1.04	722	69
NHS Coventry and Warwickshire ICB	772,600	1.03	1.06	1.10	1.11	1.09	1.08	1.00	1.17	792	81
NHS Derby and Derbyshire ICB	863,400	0.93	0.92	0.90	0.87	0.85	0.84	0.77	0.91	657	91
NHS Herefordshire and Worcestershire ICB	650,400	0.80	0.81	0.78	0.75	0.76	0.75	0.68	0.83	595	95
NHS Leicester, Leicestershire and Rutland ICB	912,600	1.12	1.17	1.19	1.13	1.14	1.15	1.07	1.24	851	73
NHS Lincolnshire ICB	635,600	0.85	0.86	0.87	0.81	0.83	0.83	0.75	0.91	653	96
NHS Northamptonshire ICB	626,200	0.92	0.89	0.90	0.89	0.87	0.87	0.79	0.95	664	88
NHS Nottingham and Nottinghamshire ICB	937,300	0.96	0.94	0.92	0.91	0.88	0.88	0.81	0.95	644	85
NHS Shropshire, Telford and Wrekin ICB	418,700	0.72	0.72	0.72	0.74	0.76	0.79	0.70	0.89	623	94
NHS Staffordshire and Stoke-on-Trent ICB	928,600	0.87	0.87	0.86	0.86	0.88	0.88	0.81	0.95	681	91
EAST OF ENGLAND											
NHS Bedfordshire, Luton and Milton Keynes ICB	789,200	1.00	1.04	1.07	1.09	1.09	1.08	1.00	1.16	802	72
NHS Cambridgeshire and Peterborough ICB	740,300	0.90	0.94	1.00	1.01	1.01	1.02	0.94	1.11	754	86
NHS Hertfordshire and West Essex ICB	1,178,700	0.98	0.98	0.99	0.99	1.01	0.99	0.93	1.06	753	83
NHS Mid and South Essex ICB	955,800	0.93	0.93	0.92	0.95	0.94	0.91	0.85	0.99	699	89
NHS Norfolk and Waveney ICB	857,400	1.01	0.97	0.96	0.94	0.91	0.85	0.78	0.92	665	95
NHS Suffolk and North East Essex ICB	811,500	0.89	0.88	0.91	0.91	0.91	0.88	0.81	0.95	680	92
LONDON											
NHS North East London ICB	1,581,200	1.10	1.17	1.16	1.19	1.23	1.28	1.21	1.35	848	46
NHS North Central London ICB	1,128,700	1.29	1.30	1.30	1.34	1.36	1.38	1.30	1.46	952	57
NHS North West London ICB	1,701,600	1.33	1.35	1.37	1.39	1.44	1.45	1.38	1.52	1,011	46
NHS South East London ICB	1,439,700	1.15	1.20	1.18	1.17	1.22	1.28	1.21	1.35	886	60
NHS South West London ICB	1,194,200	0.99	1.02	1.01	1.04	1.09	1.09	1.03	1.17	782	63

Table B7 Continued

ICB/HB	Population 18+	O/E					2023				
		2018	2019	2020	2021	2022	O/E	95% LCL	95% UCL	Crude rate pmp	% White
<i>NHS Surrey Heartlands ICB^a</i>	<i>837,100</i>	<i>0.84</i>	<i>0.82</i>	<i>0.84</i>	<i>0.84</i>	<i>0.82</i>	<i>0.83</i>	<i>0.76</i>	<i>0.91</i>	<i>638</i>	<i>85</i>
SOUTH EAST											
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	1,434,800	1.07	1.07	1.08	1.09	1.09	1.09	1.03	1.15	818	83
NHS Frimley ICB	603,500	1.10	1.09	1.10	1.11	1.10	1.12	1.03	1.22	842	74
<i>NHS Hampshire and Isle of Wight ICB</i>	<i>1,493,000</i>	<i>0.90</i>	<i>0.91</i>	<i>0.89</i>	<i>0.89</i>	<i>0.88</i>	<i>0.88</i>	<i>0.82</i>	<i>0.93</i>	<i>666</i>	<i>91</i>
NHS Kent and Medway ICB	1,482,000	1.01	1.00	0.97	0.97	0.95	0.97	0.92	1.03	747	89
<i>NHS Sussex ICB</i>	<i>1,406,700</i>	<i>0.84</i>	<i>0.85</i>	<i>0.83</i>	<i>0.83</i>	<i>0.83</i>	<i>0.82</i>	<i>0.77</i>	<i>0.88</i>	<i>638</i>	<i>91</i>
SOUTH WEST											
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	768,500	0.93	0.92	0.93	0.93	0.95	0.94	0.87	1.03	721	91
NHS Bristol, North Somerset and South Gloucestershire ICB	807,000	0.98	0.95	0.94	0.94	0.96	0.98	0.91	1.07	690	87
NHS Cornwall and the Isles of Scilly ICB	474,500	1.04	1.02	1.00	0.95	0.93	0.92	0.83	1.02	740	97
<i>NHS Devon ICB^b</i>	<i>1,017,600</i>	<i>1.00</i>	<i>0.95</i>	<i>0.96</i>	<i>0.93</i>	<i>0.90</i>	<i>0.89</i>	<i>0.82</i>	<i>0.96</i>	<i>689</i>	<i>96</i>
<i>NHS Dorset ICB</i>	<i>648,600</i>	<i>0.91</i>	<i>0.91</i>	<i>0.91</i>	<i>0.90</i>	<i>0.86</i>	<i>0.84</i>	<i>0.76</i>	<i>0.92</i>	<i>657</i>	<i>94</i>
NHS Gloucestershire ICB	528,800	0.99	0.98	0.97	0.96	0.99	0.97	0.88	1.07	762	93
<i>NHS Somerset ICB^b</i>	<i>469,500</i>	<i>0.83</i>	<i>0.80</i>	<i>0.81</i>	<i>0.80</i>	<i>0.76</i>	<i>0.74</i>	<i>0.66</i>	<i>0.83</i>	<i>592</i>	<i>96</i>
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)											
Belfast HSC Trust	291,600	1.25	1.25	1.33	1.35	1.38	1.40	1.25	1.57	995	93
Northern HSC Trust	375,200	1.09	1.12	1.22	1.24	1.26	1.23	1.11	1.36	957	98
South eastern HSC Trust	289,300	1.12	1.14	1.23	1.21	1.25	1.26	1.12	1.42	989	98
Southern HSC Trust	296,000	1.20	1.20	1.28	1.27	1.26	1.27	1.13	1.43	973	97
Western HSC Trust	231,600	1.28	1.23	1.29	1.34	1.37	1.37	1.21	1.55	1,071	98
SCOTLAND (HEALTH BOARDS)											
Ayrshire and Arran	299,900	1.05	1.01	1.02	0.97	0.94	0.90	0.79	1.03	734	98
Borders	96,200	1.03	1.00	0.97	0.91	0.93	0.84	0.67	1.07	707	98
Dumfries and Galloway	120,500	0.98	1.01	0.99	1.02	0.99	0.95	0.78	1.17	796	98
<i>Fife</i>	<i>303,600</i>	<i>0.87</i>	<i>0.86</i>	<i>0.86</i>	<i>0.83</i>	<i>0.80</i>	<i>0.77</i>	<i>0.67</i>	<i>0.89</i>	<i>606</i>	<i>96</i>
Forth Valley	246,800	0.98	0.98	1.04	1.05	1.04	1.06	0.93	1.22	835	96
Grampian	473,400	0.93	0.94	0.96	1.01	1.00	0.99	0.89	1.09	767	93
Greater Glasgow and Clyde	975,200	1.12	1.14	1.14	1.12	1.11	1.13	1.06	1.21	834	87
Highland	267,900	0.98	0.99	1.00	0.97	1.00	1.03	0.90	1.17	851	98
Lanarkshire	541,000	1.08	1.11	1.10	1.11	1.10	1.11	1.02	1.22	878	96
<i>Lothian</i>	<i>751,600</i>	<i>0.84</i>	<i>0.83</i>	<i>0.84</i>	<i>0.87</i>	<i>0.87</i>	<i>0.87</i>	<i>0.79</i>	<i>0.95</i>	<i>629</i>	<i>90</i>
Orkney	18,100	0.52	0.78	0.77	0.77	0.82	0.80	0.45	1.41	665	98
<i>Shetland</i>	<i>18,300</i>	<i>0.45</i>	<i>0.57</i>	<i>0.43</i>	<i>0.42</i>	<i>0.35</i>	<i>0.41</i>	<i>0.18</i>	<i>0.90</i>	<i>327</i>	<i>98</i>
Tayside	342,600	0.96	0.94	0.94	0.95	0.93	0.92	0.81	1.04	709	95

Table B7 Continued

ICB/HB	Population 18+	O/E					2023				
		2018	2019	2020	2021	2022	O/E	95% LCL	95% UCL	Crude rate pmp	% White
Western Isles	21,600	0.79	0.81	0.86	0.91	0.89	0.93	0.58	1.49	787	98
WALES (LOCAL HEALTH BOARDS)											
Aneurin Bevan University Health Board	475,200	1.11	1.09	1.05	1.06	1.05	1.09	0.99	1.21	852	94
<i>Betsi Cadwaladr University Health Board</i>	<i>561,700</i>	<i>0.93</i>	<i>0.92</i>	<i>0.91</i>	<i>0.90</i>	<i>0.88</i>	<i>0.88</i>	<i>0.80</i>	<i>0.97</i>	<i>705</i>	<i>97</i>
Cardiff and Vale University Health Board	407,800	1.08	1.07	1.07	1.07	1.09	1.10	0.99	1.23	767	83
Cwm Taf Morgannwg University Health Board	357,700	1.21	1.18	1.18	1.14	1.12	1.14	1.02	1.27	883	97
Hywel Dda University Health Board	317,400	0.91	0.90	0.88	0.88	0.88	0.90	0.79	1.02	722	97
<i>Powys Teaching Health Board</i>	<i>111,800</i>	<i>0.75</i>	<i>0.76</i>	<i>0.73</i>	<i>0.66</i>	<i>0.70</i>	<i>0.75</i>	<i>0.59</i>	<i>0.95</i>	<i>626</i>	<i>98</i>
Swansea Bay University Health Board	312,800	1.05	0.99	0.96	0.94	0.97	0.99	0.87	1.12	745	93

^a Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

^bExeter was unable to submit patient level data for 2021, 2022 or 2023. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for each of these years

Manchester was unable to submit patient level data for 2023. The ICB/HB and age/sex group breakdown of their 2022 patients was used again as an estimate for 2023

Only the ≥18 years general population was included in the denominator

Areas with notably low prevalence ratios in 2023 are italicised in light grey areas; those with notably high prevalence ratios are bold in dark grey areas

Confidence intervals (CIs) are not given for the crude rates pmp, but figure B3 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2023 estimates

ICB/HB – Integrated Care Board (England), Health and Social Care Trust (Northern Ireland), Scottish Health Board and Local Health Board (Wales)

LCL – lower confidence limit; O/E - standardised incidence ratio; pmp – per million population; UCL – upper confidence limit

% White is the % of the whole ICB/HB population that was White (from 2021 census)