

Appendix B

Integrated Care Board (ICB) and health board (HB) adult incidence and prevalence numbers, rates and standardised ratios – data to the end of 2022

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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 (ICHD), 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-2022 population estimates by ICB/HB, sex and age were obtained from the ONS website (ons.gov.uk) for England and Wales and from the National Records of Scotland website (nrsotland.gov.uk) for Scotland. Mid-2022 population estimates were not yet available at HSCT level for Northern Ireland and mid-2021 populations obtained from the Northern Ireland Statistics and Research Agency (NISRA) website (nisra.gov.uk) were used. Tables B5-B7 will be updated on the UKKA website when the 2022 population estimates are available at HSCT level. The ICB/HB populations aged 18 years and over ranged from 18,100 (Orkney) to 2,415,000 (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-B2 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.

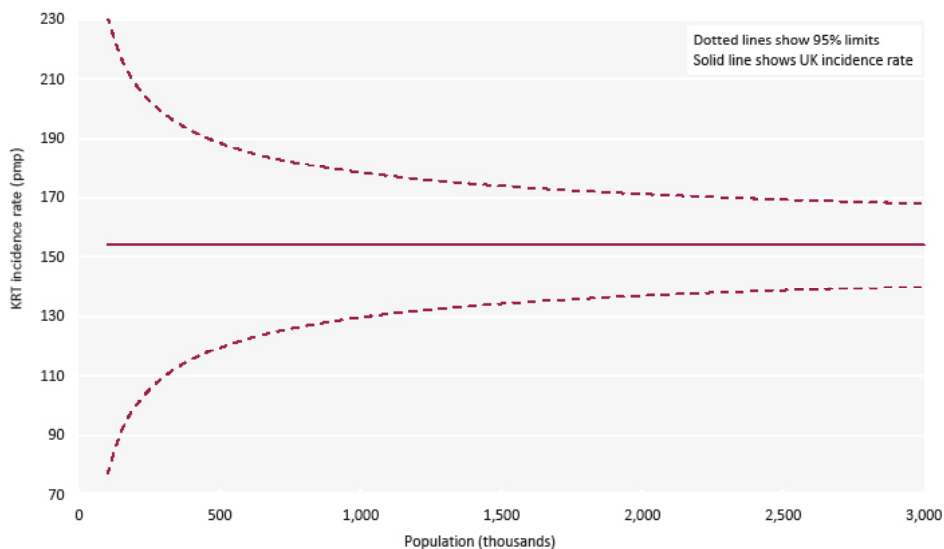


Figure B1 95% confidence limits for adult KRT incidence rate of 154 pmp in 2022 for population size 100,000–3,000,000 pmp – per million population

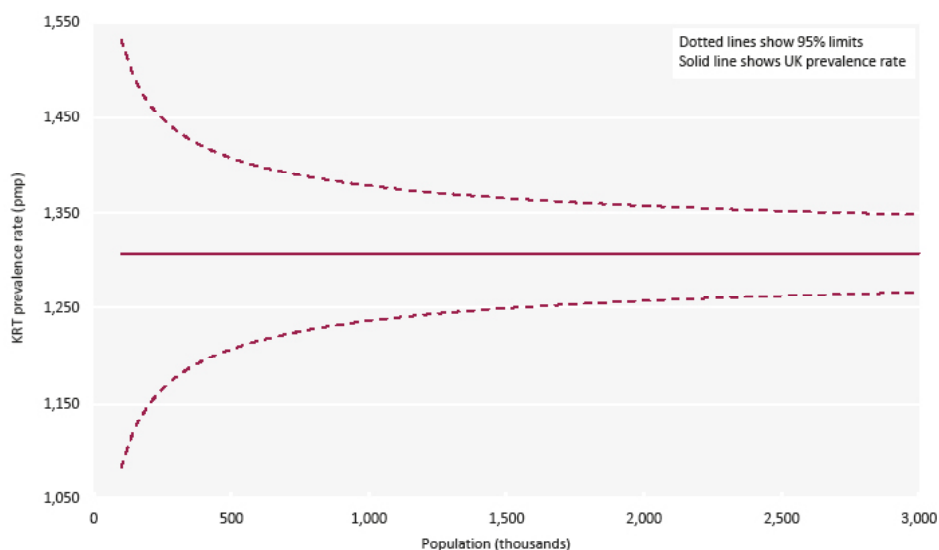


Figure B2 95% confidence limits for adult KRT prevalence rate of 1,323 pmp on 31/12/2022 for population size 100,000–3,000,000
pmp – per million population

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:

$$\text{Lower 95\% confidence limit} = \text{SR}/\text{EF}$$

$$\text{Upper 95\% confidence limit} = \text{SR} \times \text{EF}$$

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

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 2017 and 2022

Table B1 Number of adult patients incident to KRT by year of KRT start and ICB/HB (2017-2022)

ICB/HB	Number of observations (incident)					
	2017	2018	2019	2020	2021	2022
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	168	167	177	158	147	188
NHS North East and North Cumbria ICB	381	358	328	311	342	321
NHS South Yorkshire ICB	171	190	155	165	163	200
NHS West Yorkshire ICB	262	253	271	239	254	273
NORTH WEST						
NHS Cheshire and Merseyside ICB	296	260	254	237	267	257
NHS Greater Manchester ICB	360	318	344	306	334	357
NHS Lancashire and South Cumbria ICB	180	203	176	173	207	190
MIDLANDS						
NHS Birmingham and Solihull ICB	216	228	221	198	217	234
NHS Black Country ICB	179	170	175	186	214	196
NHS Coventry and Warwickshire ICB	119	119	132	137	148	128
NHS Derby and Derbyshire ICB	127	107	139	119	124	130
NHS Herefordshire and Worcestershire ICB	89	79	86	78	70	92
NHS Leicester, Leicestershire and Rutland ICB	121	139	162	145	119	151
NHS Lincolnshire ICB	74	75	90	88	89	87
NHS Northamptonshire ICB	77	95	88	95	85	69
NHS Nottingham and Nottinghamshire ICB	129	125	126	114	122	126
NHS Shropshire, Telford and Wrekin ICB	62	80	72	48	63	55
NHS Staffordshire and Stoke-on-Trent ICB	125	119	131	146	156	166
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	98	131	119	131	146	136
NHS Cambridgeshire and Peterborough ICB	85	93	108	99	109	109
NHS Hertfordshire and West Essex ICB	158	153	165	150	160	147
NHS Mid and South Essex ICB	144	125	154	132	139	169
NHS Norfolk and Waveney ICB	96	101	124	124	134	117
NHS Suffolk and North East Essex ICB	119	122	130	115	124	110
LONDON						
NHS North East London ICB	320	327	304	317	280	291
NHS North Central London ICB	196	223	234	193	229	203
NHS North West London ICB	373	363	363	347	378	357
NHS South East London ICB	257	257	291	249	327	279
NHS South West London ICB	186	192	197	221	225	218
NHS Surrey Heartlands ICB ^a	106	105	97	115	122	117
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	187	182	188	158	184	203
NHS Frimley ICB	99	83	94	85	84	106
NHS Hampshire and Isle of Wight ICB	186	192	183	181	197	222
NHS Kent and Medway ICB	193	191	214	194	242	222
NHS Sussex ICB	184	210	206	186	189	154
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	105	88	106	101	79	92
NHS Bristol, North Somerset and South Gloucestershire ICB	110	115	106	84	118	105
NHS Cornwall and the Isles of Scilly ICB	88	80	79	56	94	90
NHS Devon ICB	163	146	149	150	171	153
NHS Dorset ICB	87	93	81	66	64	89
NHS Gloucestershire ICB	83	73	67	83	84	87
NHS Somerset ICB	58	58	73	61	73	54
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	44	61	48	42	56	51
Northern HSC Trust	64	73	66	39	55	45

Table B1 Continued

ICB/HB	Number of observations (incident)					
	2017	2018	2019	2020	2021	2022
South eastern HSC Trust	46	30	37	43	50	38
Southern HSC Trust	36	33	33	41	44	30
Western HSC Trust	30	36	31	40	34	36
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	54	43	47	59	44	50
Borders	18	12	13	4	5	8
Dumfries and Galloway	20	20	20	18	13	18
Fife	45	42	51	35	45	39
Forth Valley	27	51	31	38	33	48
Grampian	57	60	39	54	50	56
Greater Glasgow and Clyde	146	125	147	124	152	140
Highland	32	51	27	20	40	35
Lanarkshire	82	76	85	67	76	72
Lothian	92	80	69	69	77	88
Orkney	1	2	2	3	4	0
Shetland	1	3	0	3	3	1
Tayside	58	38	29	29	39	30
Western Isles	4	2	1	3	3	1
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	79	81	88	71	74	81
Betsi Cadwaladr University Health Board	81	89	82	94	75	93
Cardiff and Vale University Health Board	49	69	55	36	36	73
Cwm Taf Morgannwg University Health Board	72	59	47	41	62	59
Hywel Dda University Health Board	54	54	72	49	55	56
Powys Teaching Health Board	17	20	12	18	15	16
Swansea Bay University Health Board	51	61	58	56	49	66

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

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

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 (2017-2022)

ICB/HB	Number of observations (ICHD)					
	2017	2018	2019	2020	2021	2022
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	551	557	559	584	586	600
NHS North East and North Cumbria ICB	966	997	1004	969	980	997
NHS South Yorkshire ICB	574	576	558	564	557	594
NHS West Yorkshire ICB	823	814	834	824	858	926
NORTH WEST						
NHS Cheshire and Merseyside ICB	792	788	821	799	808	842
NHS Greater Manchester ICB	828	846	829	871	859	924
NHS Lancashire and South Cumbria ICB	551	558	548	534	538	542
MIDLANDS						
NHS Birmingham and Solihull ICB	792	802	822	794	839	866
NHS Black Country ICB	619	640	626	649	676	718
NHS Coventry and Warwickshire ICB	328	296	335	346	357	356
NHS Derby and Derbyshire ICB	307	304	330	330	370	388
NHS Herefordshire and Worcestershire ICB	290	290	311	305	299	316
NHS Leicester, Leicestershire and Rutland ICB	406	394	398	399	411	428
NHS Lincolnshire ICB	226	222	236	241	265	268
NHS Northamptonshire ICB	216	245	253	259	264	264
NHS Nottingham and Nottinghamshire ICB	371	373	372	357	371	377
NHS Shropshire, Telford and Wrekin ICB	188	208	216	187	199	182
NHS Staffordshire and Stoke-on-Trent ICB	366	354	326	326	332	373
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	308	322	319	347	356	374
NHS Cambridgeshire and Peterborough ICB	281	293	291	272	293	299
NHS Hertfordshire and West Essex ICB	439	425	437	452	466	472
NHS Mid and South Essex ICB	413	417	427	432	436	442
NHS Norfolk and Waveney ICB	359	344	348	344	380	374
NHS Suffolk and North East Essex ICB	327	333	331	342	363	366
LONDON						
NHS North East London ICB	995	1024	1013	1034	1084	1168
NHS North Central London ICB	619	616	659	634	654	656
NHS North West London ICB	1321	1313	1287	1170	1193	1224
NHS South East London ICB	999	1050	1044	1074	1149	1160
NHS South West London ICB	709	700	696	741	762	733
NHS Surrey Heartlands ICB ^a	327	317	307	298	316	315
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	437	427	441	439	427	460
NHS Frimley ICB	260	270	277	269	277	302
NHS Hampshire and Isle of Wight ICB	466	475	523	542	570	587
NHS Kent and Medway ICB	609	600	597	607	649	672
NHS Sussex ICB	550	552	556	547	554	557
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	223	215	226	236	238	241
NHS Bristol, North Somerset and South Gloucestershire ICB	334	330	323	313	315	342
NHS Cornwall and the Isles of Scilly ICB	194	201	199	197	225	241
NHS Devon ICB	443	432	417	455	437	433
NHS Dorset ICB	245	248	243	253	253	285
NHS Gloucestershire ICB	251	243	234	217	223	221
NHS Somerset ICB	194	190	195	194	200	197
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	134	132	126	110	89	98
Northern HSC Trust	157	162	155	146	139	138
South eastern HSC Trust	118	108	95	98	119	115
Southern HSC Trust	90	94	93	95	96	89
Western HSC Trust	95	98	87	97	91	94

Table B2 Continued

ICB/HB	Number of observations (ICHHD)					
	2017	2018	2019	2020	2021	2022
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	150	146	145	154	145	154
Borders	36	34	37	35	35	29
Dumfries and Galloway	52	56	52	54	49	46
Fife	156	146	148	153	170	168
Forth Valley	87	103	101	92	94	94
Grampian	217	199	179	177	171	177
Greater Glasgow and Clyde	422	422	408	400	410	466
Highland	92	100	102	97	105	96
Lanarkshire	223	225	236	220	220	229
Lothian	261	259	255	249	243	259
Orkney	5	5	3	6	9	6
Shetland	9	11	8	9	11	9
Tayside	178	154	153	151	145	138
Western Isles	13	14	12	15	13	12
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	223	234	248	224	228	238
Betsi Cadwaladr University Health Board	249	251	248	257	250	248
Cardiff and Vale University Health Board	159	166	164	164	159	183
Cwm Taf Morgannwg University Health Board	162	169	165	154	177	187
Hywel Dda University Health Board	162	166	173	177	183	173
Powys Teaching Health Board	59	58	55	54	49	47
Swansea Bay University Health Board	155	171	171	170	181	175

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

Exeter was unable to submit 2021 or 2022 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for both 2021 and 2022

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 by year and ICB/HB (2017-2022)

ICB/HB	Number of observations (HHD and PD)					
	2017	2018	2019	2020	2021	2022
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	113	107	117	112	110	132
NHS North East and North Cumbria ICB	177	186	184	169	185	178
NHS South Yorkshire ICB	104	108	108	114	112	116
NHS West Yorkshire ICB	113	119	135	120	114	124
NORTH WEST						
NHS Cheshire and Merseyside ICB	206	202	173	183	184	183
NHS Greater Manchester ICB	271	263	277	266	259	266
NHS Lancashire and South Cumbria ICB	94	92	108	112	118	108
MIDLANDS						
NHS Birmingham and Solihull ICB	163	180	184	204	197	209
NHS Black Country ICB	182	154	159	146	167	169
NHS Coventry and Warwickshire ICB	71	75	99	102	103	92
NHS Derby and Derbyshire ICB	135	128	123	150	144	141
NHS Herefordshire and Worcestershire ICB	88	77	72	78	75	60
NHS Leicester, Leicestershire and Rutland ICB	69	77	71	63	61	67
NHS Lincolnshire ICB	58	60	62	62	76	74
NHS Northamptonshire ICB	51	45	52	52	52	54
NHS Nottingham and Nottinghamshire ICB	101	102	110	121	125	118
NHS Shropshire, Telford and Wrekin ICB	64	79	82	90	88	89
NHS Staffordshire and Stoke-on-Trent ICB	147	148	149	171	187	171
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	44	60	51	48	58	68
NHS Cambridgeshire and Peterborough ICB	36	42	43	43	48	59
NHS Hertfordshire and West Essex ICB	78	89	95	87	87	86
NHS Mid and South Essex ICB	103	98	103	114	112	105
NHS Norfolk and Waveney ICB	65	58	73	72	72	57
NHS Suffolk and North East Essex ICB	72	70	67	55	52	34
LONDON						
NHS North East London ICB	245	248	227	270	259	258
NHS North Central London ICB	131	155	151	154	148	130
NHS North West London ICB	111	132	160	214	235	220
NHS South East London ICB	135	131	148	162	179	177
NHS South West London ICB	93	108	101	132	136	125
NHS Surrey Heartlands ICB ^a	68	66	62	75	71	73
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	74	75	71	79	82	95
NHS Frimley ICB	41	35	43	45	41	54
NHS Hampshire and Isle of Wight ICB	127	141	129	149	139	151
NHS Kent and Medway ICB	110	93	99	119	129	133
NHS Sussex ICB	132	129	116	125	135	120
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	62	61	66	75	69	60
NHS Bristol, North Somerset and South Gloucestershire ICB	43	38	45	50	63	46
NHS Cornwall and the Isles of Scilly ICB	38	36	39	37	38	37
NHS Devon ICB	99	102	100	98	93	96
NHS Dorset ICB	44	49	50	46	35	29
NHS Gloucestershire ICB	46	41	34	34	37	36
NHS Somerset ICB	40	43	52	49	48	51
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	10	15	10	11	19	18
Northern HSC Trust	19	27	33	21	26	25
South eastern HSC Trust	20	22	20	13	13	11
Southern HSC Trust	25	19	14	13	17	15
Western HSC Trust	11	10	14	9	8	8

Table B3 Continued

ICB/HB	Number of observations (HHD and PD)					
	2017	2018	2019	2020	2021	2022
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	38	33	39	43	51	43
Borders	5	5	5	3	3	3
Dumfries and Galloway	8	7	10	12	10	10
Fife	12	12	15	10	12	17
Forth Valley	8	14	11	10	6	10
Grampian	23	28	24	25	22	29
Greater Glasgow and Clyde	41	36	38	31	29	30
Highland	18	27	24	18	20	22
Lanarkshire	25	32	30	37	31	28
Lothian	32	35	38	32	38	44
Orkney	2	1	0	0	0	1
Shetland	1	0	0	0	0	1
Tayside	20	29	27	18	20	24
Western Isles	3	3	2	0	0	0
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	56	44	41	46	44	46
Betsi Cadwaladr University Health Board	74	74	72	77	65	74
Cardiff and Vale University Health Board	22	22	31	30	32	26
Cwm Taf Morgannwg University Health Board	45	39	42	37	42	41
Hywel Dda University Health Board	43	43	46	35	31	31
Powys Teaching Health Board	14	22	17	18	17	13
Swansea Bay University Health Board	44	43	50	49	44	45

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

Exeter was unable to submit 2021 or 2022 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for both 2021 and 2022

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 (2017-2022)

ICB/HB	Number of observations (Tx)					
	2017	2018	2019	2020	2021	2022
NORTH EAST AND YORKSHIRE						
NHS Humber and North Yorkshire ICB	894	919	954	974	962	973
NHS North East and North Cumbria ICB	1546	1612	1657	1707	1743	1741
NHS South Yorkshire ICB	679	706	738	765	749	752
NHS West Yorkshire ICB	1270	1314	1387	1438	1472	1489
NORTH WEST						
NHS Cheshire and Merseyside ICB	1149	1203	1237	1256	1234	1243
NHS Greater Manchester ICB	1461	1539	1593	1640	1608	1644
NHS Lancashire and South Cumbria ICB	859	918	972	992	988	1009
MIDLANDS						
NHS Birmingham and Solihull ICB	643	690	713	746	744	761
NHS Black Country ICB	551	583	620	651	662	660
NHS Coventry and Warwickshire ICB	474	502	529	566	588	595
NHS Derby and Derbyshire ICB	503	527	558	576	561	547
NHS Herefordshire and Worcestershire ICB	344	366	378	396	384	375
NHS Leicester, Leicestershire and Rutland ICB	638	658	695	750	768	732
NHS Lincolnshire ICB	344	355	366	384	391	372
NHS Northamptonshire ICB	385	399	408	409	418	413
NHS Nottingham and Nottinghamshire ICB	554	594	611	621	616	610
NHS Shropshire, Telford and Wrekin ICB	201	218	212	223	222	230
NHS Staffordshire and Stoke-on-Trent ICB	522	536	555	580	573	585
EAST OF ENGLAND						
NHS Bedfordshire, Luton and Milton Keynes ICB	503	544	555	592	610	625
NHS Cambridgeshire and Peterborough ICB	425	439	448	490	517	524
NHS Hertfordshire and West Essex ICB	737	796	821	849	861	869
NHS Mid and South Essex ICB	548	581	609	638	645	662
NHS Norfolk and Waveney ICB	558	574	599	603	605	595
NHS Suffolk and North East Essex ICB	485	492	508	525	551	557
LONDON						
NHS North East London ICB	953	1013	1088	1202	1197	1210
NHS North Central London ICB	875	920	936	983	980	1013
NHS North West London ICB	1347	1415	1495	1571	1599	1637
NHS South East London ICB	1033	1076	1127	1212	1194	1195
NHS South West London ICB	724	767	798	849	838	869
NHS Surrey Heartlands ICB ^a	458	474	489	501	506	511
SOUTH EAST						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	942	1010	1054	1097	1117	1136
NHS Frimley ICB	429	450	465	481	483	489
NHS Hampshire and Isle of Wight ICB	858	917	927	974	949	957
NHS Kent and Medway ICB	966	988	1029	1063	1036	1037
NHS Sussex ICB	749	787	823	870	858	867
SOUTH WEST						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	447	477	495	511	525	527
NHS Bristol, North Somerset and South Gloucestershire ICB	494	501	515	519	512	512
NHS Cornwall and the Isles of Scilly ICB	333	348	356	368	363	347
NHS Devon ICB	655	670	700	696	705	694
NHS Dorset ICB	373	387	409	427	429	429
NHS Gloucestershire ICB	298	327	358	369	365	366
NHS Somerset ICB	262	270	281	287	289	293
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)						
Belfast HSC Trust	206	217	238	249	263	270
Northern HSC Trust	251	277	295	314	341	352
South Eastern HSC Trust	203	218	231	246	266	264
Southern HSC Trust	219	231	243	253	266	268
Western HSC Trust	183	199	212	213	224	232

Table B4 Continued

ICB/HB	Number of observations (Tx)					
	2017	2018	2019	2020	2021	2022
SCOTLAND (HEALTH BOARDS)						
Ayrshire and Arran	210	216	221	224	228	220
Borders	68	70	76	75	74	70
Dumfries and Galloway	78	85	90	96	96	100
Fife	160	172	182	192	194	188
Forth Valley	158	164	169	175	189	191
Grampian	284	292	311	326	333	352
Greater Glasgow and Clyde	683	721	744	789	794	790
Highland	186	197	204	212	214	211
Lanarkshire	375	406	415	443	437	438
Lothian	361	382	415	424	432	452
Orkney	6	7	7	11	11	12
Shetland	8	6	6	8	6	7
Tayside	207	212	230	235	236	238
Western Isles	13	15	15	16	17	17
WALES (LOCAL HEALTH BOARDS)						
Aneurin Bevan University Health Board	359	353	371	378	367	373
Betsi Cadwaladr University Health Board	341	359	379	392	390	391
Cardiff and Vale University Health Board	268	274	283	289	291	294
Cwm Taf Morgannwg University Health Board	293	298	304	309	313	303
Hywel Dda University Health Board	198	198	205	213	209	214
Powys Teaching Health Board	62	63	64	68	67	62
Swansea Bay University Health Board	226	231	227	222	213	210

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

Exeter was unable to submit 2021 or 2022 patient level data. Numbers of prevalent patients at the end of 2019 were used as an estimate for both 2021 and 2022

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 (2017-2022 by individual year and 6 year average)

ICB/HB	Population 18+	O/E					2022	2017-2022					
		2017	2018	2019	2020	2021	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp	% White
NORTH EAST AND YORKSHIRE													
<i>NHS Humber and North Yorkshire ICB</i>	1,384,800	0.74	0.74	0.77	0.74	0.64	0.81	136	0.74	0.70	0.79	121	95
<i>NHS North East and North Cumbria ICB</i>	2,415,000	1.00	0.94	0.85	0.86	0.88	0.82	133	0.89	0.85	0.93	141	94
<i>NHS South Yorkshire ICB</i>	1,105,400	1.04	1.16	0.93	1.06	0.97	1.18	181	1.06	0.99	1.12	157	88
<i>NHS West Yorkshire ICB</i>	1,888,900	0.96	0.93	0.98	0.92	0.91	0.97	145	0.95	0.90	0.99	137	77
NORTH WEST													
<i>NHS Cheshire and Merseyside ICB</i>	2,043,900	0.94	0.82	0.80	0.79	0.82	0.79	126	0.83	0.79	0.87	128	93
NHS Greater Manchester ICB	2,248,800	1.14	1.01	1.08	1.02	1.03	1.10	159	1.06	1.02	1.11	150	76
<i>NHS Lancashire and South Cumbria ICB</i>	1,383,200	0.82	0.92	0.79	0.83	0.92	0.84	137	0.85	0.81	0.91	136	88
MIDLANDS													
NHS Birmingham and Solihull ICB	1,039,500	1.55	1.65	1.58	1.51	1.53	1.64	225	1.58	1.49	1.66	211	54
NHS Black Country ICB	935,200	1.30	1.24	1.26	1.43	1.52	1.38	210	1.35	1.28	1.43	200	69
NHS Coventry and Warwickshire ICB	761,800	1.06	1.06	1.16	1.29	1.29	1.11	168	1.16	1.08	1.25	171	81
<i>NHS Derby and Derbyshire ICB</i>	854,400	0.93	0.78	1.01	0.92	0.89	0.93	152	0.91	0.85	0.98	146	91
<i>NHS Herefordshire and Worcestershire ICB</i>	645,000	0.82	0.73	0.78	0.76	0.63	0.83	143	0.76	0.69	0.83	128	95
<i>NHS Leicester, Leicestershire and Rutland ICB</i>	898,000	0.91	1.05	1.21	1.15	0.87	1.11	168	1.05	0.98	1.12	155	73
<i>NHS Lincolnshire ICB</i>	629,500	0.70	0.71	0.84	0.88	0.82	0.81	138	0.79	0.73	0.87	133	96
<i>NHS Northamptonshire ICB</i>	618,800	0.82	1.02	0.94	1.08	0.89	0.72	112	0.91	0.83	0.99	137	88
<i>NHS Nottingham and Nottinghamshire ICB</i>	930,100	0.94	0.91	0.91	0.88	0.87	0.89	135	0.90	0.84	0.97	133	85
<i>NHS Shropshire, Telford and Wrekin ICB</i>	414,900	0.90	1.16	1.04	0.74	0.90	0.78	133	0.92	0.83	1.02	153	94
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	916,300	0.85	0.81	0.88	1.05	1.04	1.11	181	0.96	0.90	1.02	153	91
EAST OF ENGLAND													
NHS Bedfordshire, Luton and Milton Keynes ICB	775,400	0.89	1.19	1.07	1.26	1.29	1.20	175	1.15	1.07	1.23	164	72
<i>NHS Cambridgeshire and Peterborough ICB</i>	731,700	0.79	0.87	0.99	0.97	0.99	0.99	149	0.93	0.86	1.01	137	86
<i>NHS Hertfordshire and West Essex ICB</i>	1,168,200	0.90	0.88	0.94	0.91	0.90	0.82	126	0.89	0.84	0.95	133	83
<i>NHS Mid and South Essex ICB</i>	947,500	0.98	0.85	1.04	0.95	0.93	1.13	178	0.98	0.92	1.05	152	89
<i>NHS Norfolk and Waveney ICB</i>	851,800	0.67	0.70	0.85	0.91	0.91	0.80	137	0.81	0.75	0.87	136	95
<i>NHS Suffolk and North East Essex ICB</i>	802,600	0.90	0.93	0.98	0.92	0.92	0.82	137	0.91	0.85	0.98	150	92
LONDON													
NHS North East London ICB	1,561,200	1.76	1.81	1.66	1.84	1.50	1.54	186	1.68	1.61	1.76	196	46
NHS North Central London ICB	1,118,600	1.39	1.59	1.64	1.45	1.58	1.39	181	1.51	1.43	1.59	190	57
NHS North West London ICB	1,679,600	1.73	1.70	1.67	1.71	1.72	1.61	213	1.69	1.62	1.76	216	46
NHS South East London ICB	1,426,800	1.44	1.45	1.61	1.47	1.79	1.51	196	1.55	1.47	1.62	194	60
NHS South West London ICB	1,183,200	1.19	1.23	1.25	1.50	1.41	1.35	184	1.32	1.25	1.39	175	63

Table B5 Continued

ICB/HB	Population 18+	O/E					2022	2017-2022					
		2017	2018	2019	2020	2021	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp	% White
<i>NHS Surrey Heartlands ICB^a</i>	828,100	0.83	0.83	0.76	0.96	0.94	0.90	141	0.87	0.80	0.94	133	85
SOUTH EAST													
<i>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</i>	1,416,700	0.89	0.87	0.89	0.79	0.85	0.94	143	0.87	0.82	0.92	130	83
NHS Frimley ICB	597,100	1.14	0.96	1.08	1.04	0.95	1.19	178	1.06	0.97	1.15	154	74
<i>NHS Hampshire and Isle of Wight ICB</i>	1,480,600	0.80	0.83	0.78	0.82	0.83	0.93	150	0.83	0.79	0.88	131	91
<i>NHS Kent and Medway ICB</i>	1,468,200	0.84	0.83	0.92	0.89	1.03	0.94	151	0.91	0.86	0.96	143	89
<i>NHS Sussex ICB</i>	1,394,200	0.82	0.93	0.91	0.87	0.82	0.67	110	0.84	0.79	0.89	135	91
SOUTH WEST													
<i>NHS Bath and North East Somerset, Swindon and Wiltshire ICB</i>	760,800	0.89	0.74	0.89	0.90	0.65	0.76	121	0.80	0.74	0.87	125	91
NHS Bristol, North Somerset and South Gloucestershire ICB	797,800	0.99	1.04	0.94	0.80	1.04	0.92	132	0.96	0.88	1.03	133	87
NHS Cornwall and the Isles of Scilly ICB	471,900	1.08	0.98	0.96	0.73	1.13	1.08	191	1.00	0.91	1.09	172	97
<i>NHS Devon ICB</i>	1,008,900	0.97	0.87	0.88	0.95	1.00	0.89	152	0.93	0.87	0.99	154	96
<i>NHS Dorset ICB</i>	645,200	0.79	0.85	0.73	0.64	0.57	0.80	138	0.73	0.67	0.80	124	94
NHS Gloucestershire ICB	523,700	0.98	0.86	0.78	1.04	0.97	1.00	166	0.94	0.86	1.03	152	93
<i>NHS Somerset ICB</i>	466,300	0.72	0.72	0.90	0.80	0.89	0.66	116	0.78	0.71	0.87	135	96
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)													
Belfast HSC Trust													
Northern HSC Trust													
South eastern HSC Trust													
Southern HSC Trust													
Western HSC Trust													
SCOTLAND (HEALTH BOARDS)													
Ayrshire and Arran	299,000	1.07	0.85	0.92	1.23	0.85	0.97	167	0.98	0.87	1.10	166	98
<i>Borders</i>	96,100	1.05	0.70	0.75	0.25	0.28	0.46	83	0.58	0.45	0.75	104	98
Dumfries and Galloway	120,500	0.92	0.92	0.91	0.87	0.58	0.81	149	0.84	0.69	1.01	151	98
<i>Fife</i>	301,800	0.93	0.87	1.04	0.76	0.91	0.79	129	0.88	0.78	1.00	142	96
Forth Valley	245,500	0.70	1.32	0.80	1.04	0.84	1.22	196	0.99	0.87	1.12	155	96
<i>Grampian</i>	470,500	0.78	0.82	0.53	0.78	0.67	0.75	119	0.72	0.65	0.81	112	93
Greater Glasgow and Clyde	964,400	1.06	0.91	1.06	0.95	1.08	0.99	145	1.01	0.94	1.08	144	87
<i>Highland</i>	267,100	0.70	1.11	0.58	0.46	0.85	0.74	131	0.74	0.65	0.85	128	98
Lanarkshire	538,100	0.99	0.91	1.02	0.85	0.89	0.85	134	0.92	0.84	1.01	142	96
<i>Lothian</i>	740,800	0.88	0.77	0.65	0.70	0.72	0.82	119	0.75	0.69	0.83	107	90
Orkney	18,100	0.32	0.63	0.63	1.00	1.23	0.00	0	0.63	0.36	1.11	111	98
Shetland	18,300	0.33	0.98	0.00	1.04	0.96	0.32	55	0.60	0.33	1.09	100	98
<i>Tayside</i>	339,700	1.06	0.70	0.53	0.56	0.70	0.54	88	0.68	0.60	0.78	109	95
Western Isles	21,600	1.03	0.51	0.25	0.81	0.75	0.25	46	0.60	0.35	1.01	108	98

Table B5 Continued

ICB/HB	Population 18+	O/E					2022	2017-2022					
		2017	2018	2019	2020	2021	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp	% White
WALES (LOCAL HEALTH BOARDS)													
Aneurin Bevan University Health Board	469,200	1.06	1.09	1.17	1.01	0.97	1.06	173	1.06	0.97	1.16	168	94
Betsi Cadwaladr University Health Board	554,600	0.87	0.95	0.87	1.06	0.79	0.98	168	0.92	0.84	1.00	154	97
Cardiff and Vale University Health Board	402,600	0.89	1.26	0.99	0.69	0.64	1.29	181	0.96	0.86	1.07	132	83
Cwm Taf Morgannwg University Health Board	353,200	1.30	1.07	0.84	0.78	1.09	1.04	167	1.02	0.92	1.14	160	97
Hywel Dda University Health Board	313,300	1.00	1.00	1.32	0.96	0.99	1.01	179	1.05	0.94	1.17	181	97
<i>Powys Teaching Health Board</i>	<i>110,300</i>	<i>0.84</i>	<i>0.99</i>	<i>0.59</i>	<i>0.94</i>	<i>0.73</i>	<i>0.78</i>	<i>145</i>	<i>0.81</i>	<i>0.66</i>	<i>0.99</i>	<i>148</i>	<i>98</i>
Swansea Bay University Health Board	308,800	1.07	1.28	1.20	1.24	1.00	1.35	214	1.19	1.07	1.32	184	93

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

Crude rates for the combined 2017-2022 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 figures B1–B2 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2022 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

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

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

Data for Northern Ireland was used so that the the analysis was standardised to the whole UK, but this used 2021 rather than 2022 population estimates. The results are not shown for Northern Ireland. The analysis will be redone and updated on the UKKA website when the 2022 population estimates are available

Table B6 Crude adult prevalence rates of KRT and age/sex standardised prevalence ratios (2017-2022)

ICB/HB	Population 18+	O/E					2022			Crude rate pmp	% White
		2017	2018	2019	2020	2021	O/E	95% LCL	95% UCL		
NORTH EAST AND YORKSHIRE											
<i>NHS Humber and North Yorkshire ICB</i>	1,384,800	0.90	0.89	0.88	0.88	0.87	0.88	0.84	0.92	1,238	95
<i>NHS North East and North Cumbria ICB</i>	2,415,000	0.92	0.92	0.91	0.90	0.90	0.89	0.86	0.92	1,218	94
<i>NHS South Yorkshire ICB</i>	1,105,400	1.05	1.05	1.03	1.02	1.00	0.99	0.94	1.05	1,298	88
NHS West Yorkshire ICB	1,888,900	1.02	1.02	1.03	1.03	1.04	1.06	1.02	1.10	1,358	77
NORTH WEST											
<i>NHS Cheshire and Merseyside ICB</i>	2,043,900	0.88	0.87	0.85	0.84	0.83	0.83	0.79	0.86	1,114	93
<i>NHS Greater Manchester ICB</i>	2,248,800	1.02	1.02	1.01	1.01	1.00	1.01	0.97	1.05	1,265	76
<i>NHS Lancashire and South Cumbria ICB</i>	1,383,200	0.90	0.91	0.90	0.89	0.89	0.88	0.84	0.92	1,215	88
MIDLANDS											
NHS Birmingham and Solihull ICB	1,039,500	1.44	1.44	1.46	1.44	1.46	1.48	1.42	1.55	1,777	54
NHS Black Country ICB	935,200	1.23	1.23	1.22	1.23	1.25	1.27	1.21	1.33	1,653	69
NHS Coventry and Warwickshire ICB	761,800	1.00	0.98	1.06	1.09	1.10	1.06	1.00	1.13	1,374	81
<i>NHS Derby and Derbyshire ICB</i>	854,400	0.90	0.90	0.91	0.92	0.92	0.91	0.86	0.97	1,268	91
<i>NHS Herefordshire and Worcestershire ICB</i>	645,000	0.88	0.85	0.87	0.86	0.82	0.82	0.76	0.88	1,174	95
NHS Leicester, Leicestershire and Rutland ICB	898,000	1.07	1.07	1.09	1.09	1.06	1.07	1.01	1.13	1,389	73
<i>NHS Lincolnshire ICB</i>	629,500	0.79	0.78	0.80	0.82	0.82	0.82	0.76	0.88	1,172	96
<i>NHS Northamptonshire ICB</i>	618,800	0.88	0.90	0.90	0.91	0.90	0.89	0.82	0.95	1,181	88
<i>NHS Nottingham and Nottinghamshire ICB</i>	930,100	0.97	0.96	0.95	0.93	0.93	0.91	0.86	0.96	1,174	85
<i>NHS Shropshire, Telford and Wrekin ICB</i>	414,900	0.88	0.91	0.92	0.88	0.89	0.86	0.79	0.94	1,229	94
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	916,300	0.91	0.90	0.87	0.88	0.90	0.92	0.86	0.97	1,268	91
EAST OF ENGLAND											
NHS Bedfordshire, Luton and Milton Keynes ICB	775,400	0.98	1.00	1.01	1.05	1.07	1.08	1.02	1.15	1,385	72
<i>NHS Cambridgeshire and Peterborough ICB</i>	731,700	0.87	0.88	0.91	0.92	0.94	0.95	0.89	1.01	1,230	86
<i>NHS Hertfordshire and West Essex ICB</i>	1,168,200	0.92	0.91	0.92	0.93	0.93	0.93	0.88	0.98	1,231	83
<i>NHS Mid and South Essex ICB</i>	947,500	0.94	0.94	0.95	0.96	0.96	0.94	0.89	1.00	1,276	89
<i>NHS Norfolk and Waveney ICB</i>	851,800	0.91	0.88	0.88	0.87	0.88	0.84	0.79	0.89	1,194	95
<i>NHS Suffolk and North East Essex ICB</i>	802,600	0.87	0.86	0.85	0.87	0.87	0.85	0.80	0.90	1,192	92
LONDON											
NHS North East London ICB	1,561,200	1.43	1.47	1.48	1.51	1.53	1.59	1.53	1.65	1,729	46
NHS North Central London ICB	1,118,600	1.40	1.40	1.43	1.40	1.42	1.41	1.35	1.48	1,639	57
NHS North West London ICB	1,679,600	1.57	1.58	1.58	1.56	1.58	1.60	1.54	1.66	1,875	46
NHS South East London ICB	1,426,800	1.43	1.45	1.48	1.49	1.52	1.54	1.48	1.60	1,775	60
NHS South West London ICB	1,183,200	1.19	1.19	1.19	1.23	1.25	1.24	1.19	1.30	1,502	63
NHS Surrey Heartlands ICB^a	828,100	0.85	0.83	0.81	0.82	0.82	0.81	0.76	0.86	1,093	85

Table B6 Continued

ICB/HB	Population 18+	O/E					2022			Crude rate pmp	% White
		2017	2018	2019	2020	2021	O/E	LCL	UCL		
SOUTH EAST											
<i>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</i>	1,416,700	0.89	0.89	0.90	0.91	0.90	0.92	0.88	0.97	1,212	83
NHS Frimley ICB	597,100	1.05	1.05	1.07	1.06	1.06	1.09	1.02	1.16	1,412	74
<i>NHS Hampshire and Isle of Wight ICB</i>	1,480,600	0.82	0.82	0.84	0.85	0.85	0.85	0.81	0.89	1,158	91
<i>NHS Kent and Medway ICB</i>	1,468,200	0.95	0.93	0.93	0.92	0.94	0.93	0.89	0.98	1,271	89
<i>NHS Sussex ICB</i>	1,394,200	0.83	0.83	0.83	0.82	0.82	0.80	0.76	0.84	1,114	91
SOUTH WEST											
<i>NHS Bath and North East Somerset, Swindon and Wiltshire ICB</i>	760,800	0.81	0.80	0.82	0.84	0.82	0.82	0.77	0.88	1,112	91
<i>NHS Bristol, North Somerset and South Gloucestershire ICB</i>	797,800	0.97	0.95	0.93	0.92	0.92	0.93	0.87	0.99	1,144	87
<i>NHS Cornwall and the Isles of Scilly ICB</i>	471,900	0.93	0.92	0.92	0.90	0.91	0.92	0.85	0.99	1,339	97
<i>NHS Devon ICB</i>	1,008,900	0.94	0.93	0.89	0.92	0.88	0.86	0.81	0.91	1,214	96
<i>NHS Dorset ICB</i>	645,200	0.80	0.81	0.81	0.82	0.79	0.79	0.73	0.85	1,130	94
<i>NHS Gloucestershire ICB</i>	523,700	0.95	0.96	0.93	0.90	0.89	0.89	0.82	0.96	1,245	93
<i>NHS Somerset ICB</i>	466,300	0.83	0.81	0.82	0.81	0.81	0.78	0.72	0.85	1,139	96
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)											
Belfast HSC Trust											
Northern HSC Trust											
South eastern HSC Trust											
Southern HSC Trust											
Western HSC Trust											
SCOTLAND (HEALTH BOARDS)											
Ayrshire and Arran	299,000	1.02	0.99	0.98	1.02	0.98	0.96	0.87	1.05	1,395	98
<i>Borders</i>	96,100	0.84	0.84	0.84	0.80	0.76	0.73	0.61	0.88	1,113	98
<i>Dumfries and Galloway</i>	120,500	0.87	0.89	0.90	0.91	0.88	0.85	0.73	0.99	1,294	98
<i>Fife</i>	301,800	0.89	0.86	0.88	0.88	0.90	0.88	0.80	0.98	1,233	96
<i>Forth Valley</i>	245,500	0.84	0.90	0.88	0.89	0.88	0.87	0.78	0.98	1,206	96
<i>Grampian</i>	470,500	0.91	0.90	0.86	0.86	0.87	0.88	0.81	0.95	1,192	93
Greater Glasgow and Clyde	964,400	1.05	1.04	1.04	1.03	1.02	1.05	1.00	1.11	1,345	87
<i>Highland</i>	267,100	0.85	0.89	0.89	0.86	0.87	0.85	0.77	0.95	1,266	98
Lanarkshire	538,100	0.97	0.97	1.00	0.97	0.96	0.95	0.88	1.03	1,304	96
<i>Lothian</i>	740,800	0.79	0.81	0.80	0.79	0.81	0.82	0.77	0.88	1,034	90
Orkney	18,100	0.57	0.51	0.54	0.65	0.79	0.74	0.48	1.14	1,107	98
<i>Shetland</i>	18,300	0.67	0.69	0.63	0.59	0.70	0.61	0.37	0.99	874	98
<i>Tayside</i>	339,700	0.96	0.94	0.92	0.90	0.88	0.85	0.77	0.93	1,175	95
Western Isles	21,600	1.02	1.03	0.94	1.00	0.92	0.87	0.61	1.25	1,340	98

Table B6 Continued

ICB/HB	Population 18+	O/E					2022			Crude rate pmp	% White
		2017	2018	2019	2020	2021	O/E	95% LCL	95% UCL		
WALES (LOCAL HEALTH BOARDS)											
Aneurin Bevan University Health Board	469,200	1.08	1.08	1.08	1.03	1.02	1.03	0.95	1.11	1,415	94
<i>Betsi Cadwaladr University Health Board</i>	<i>554,600</i>	<i>0.94</i>	<i>0.94</i>	<i>0.92</i>	<i>0.94</i>	<i>0.90</i>	<i>0.89</i>	<i>0.82</i>	<i>0.96</i>	<i>1,277</i>	<i>97</i>
Cardiff and Vale University Health Board	402,600	1.02	1.03	1.03	1.03	1.02	1.05	0.96	1.15	1,269	83
Cwm Taf Morgannwg University Health Board	353,200	1.15	1.14	1.12	1.08	1.10	1.10	1.01	1.20	1,504	97
Hywel Dda University Health Board	313,300	0.97	0.97	0.99	0.96	0.96	0.92	0.84	1.01	1,344	97
<i>Powys Teaching Health Board</i>	<i>110,300</i>	<i>0.89</i>	<i>0.91</i>	<i>0.86</i>	<i>0.85</i>	<i>0.77</i>	<i>0.74</i>	<i>0.62</i>	<i>0.88</i>	<i>1,133</i>	<i>98</i>
Swansea Bay University Health Board	308,800	1.13	1.13	1.10	1.08	1.07	1.06	0.96	1.16	1,418	93

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

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

Areas with notably low prevalence ratios in 2022 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 figures B1 and B2 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2022 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

Exeter was unable to submit patient level data for 2021 and 2022. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for both 2021 and 2022

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

Data for Northern Ireland was used so that the the analysis was standardised to the whole UK, but this used 2021 rather than 2022 population estimates. The results are not shown for Northern Ireland. The analysis will be redone and updated on the UKKA website when the 2022 population estimates are available

Table B7 Crude adult prevalent Tx rates and age/sex standardised prevalent Tx ratios (2017-2022)

ICB/HB	Population 18+	O/E					2022				
		2017	2018	2019	2020	2021	O/E	95% LCL	95% UCL	Crude rate pmp	% White
NORTH EAST AND YORKSHIRE											
<i>NHS Humber and North Yorkshire ICB</i>	1,384,800	0.97	0.97	0.94	0.92	0.92	0.92	0.86	0.98	710	95
<i>NHS North East and North Cumbria ICB</i>	2,415,000	0.99	0.97	0.96	0.98	0.97	0.96	0.91	1.00	731	94
<i>NHS South Yorkshire ICB</i>	1,105,400	0.97	0.98	0.97	0.94	0.94	0.89	0.83	0.96	656	88
NHS West Yorkshire ICB	1,888,900	1.06	1.08	1.07	1.10	1.10	1.10	1.05	1.16	802	77
NORTH WEST											
<i>NHS Cheshire and Merseyside ICB</i>	2,043,900	0.88	0.87	0.85	0.83	0.83	0.81	0.77	0.86	613	93
<i>NHS Greater Manchester ICB</i>	2,248,800	1.05	1.05	1.04	1.02	1.03	1.03	0.98	1.08	736	76
<i>NHS Lancashire and South Cumbria ICB</i>	1,383,200	0.98	0.99	0.97	0.96	0.97	0.97	0.92	1.04	745	88
MIDLANDS											
NHS Birmingham and Solihull ICB	1,039,500	1.06	1.05	1.05	1.05	1.06	1.08	1.00	1.16	743	54
<i>NHS Black Country ICB</i>	935,200	0.92	0.95	0.96	0.97	0.97	0.96	0.89	1.03	705	69
<i>NHS Coventry and Warwickshire ICB</i>	761,800	1.02	1.03	1.06	1.10	1.10	1.08	1.00	1.17	786	81
<i>NHS Derby and Derbyshire ICB</i>	854,400	0.91	0.92	0.91	0.89	0.86	0.84	0.77	0.91	648	91
<i>NHS Herefordshire and Worcestershire ICB</i>	645,000	0.81	0.80	0.81	0.78	0.75	0.75	0.68	0.83	591	95
NHS Leicester, Leicestershire and Rutland ICB	898,000	1.12	1.13	1.17	1.20	1.14	1.14	1.06	1.23	837	73
<i>NHS Lincolnshire ICB</i>	629,500	0.83	0.83	0.84	0.85	0.79	0.81	0.73	0.89	629	96
<i>NHS Northamptonshire ICB</i>	618,800	0.94	0.93	0.89	0.91	0.90	0.88	0.80	0.97	667	88
<i>NHS Nottingham and Nottinghamshire ICB</i>	930,100	0.98	0.96	0.94	0.92	0.91	0.88	0.82	0.96	642	85
<i>NHS Shropshire, Telford and Wrekin ICB</i>	414,900	0.77	0.71	0.71	0.71	0.72	0.74	0.65	0.84	576	94
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	916,300	0.87	0.87	0.87	0.86	0.86	0.88	0.81	0.95	674	91
EAST OF ENGLAND											
NHS Bedfordshire, Luton and Milton Keynes ICB	775,400	1.04	1.02	1.06	1.08	1.11	1.11	1.02	1.19	815	72
<i>NHS Cambridgeshire and Peterborough ICB</i>	731,700	0.91	0.90	0.94	1.00	1.01	1.01	0.93	1.10	741	86
<i>NHS Hertfordshire and West Essex ICB</i>	1,168,200	1.00	0.99	0.99	0.99	0.99	1.00	0.94	1.07	753	83
<i>NHS Mid and South Essex ICB</i>	947,500	0.92	0.92	0.92	0.92	0.94	0.92	0.86	1.00	699	89
<i>NHS Norfolk and Waveney ICB</i>	851,800	1.00	1.00	0.96	0.96	0.93	0.89	0.82	0.97	688	95
<i>NHS Suffolk and North East Essex ICB</i>	802,600	0.90	0.89	0.88	0.91	0.91	0.91	0.83	0.99	694	92
LONDON											
NHS North East London ICB	1,561,200	1.06	1.10	1.18	1.18	1.20	1.24	1.18	1.31	816	46
NHS North Central London ICB	1,118,600	1.31	1.28	1.30	1.30	1.34	1.37	1.29	1.45	936	57
NHS North West London ICB	1,679,600	1.32	1.35	1.36	1.39	1.42	1.47	1.40	1.54	1,016	46
NHS South East London ICB	1,426,800	1.14	1.16	1.20	1.18	1.17	1.22	1.16	1.29	838	60
NHS South West London ICB	1,183,200	0.99	1.00	1.02	1.01	1.04	1.10	1.03	1.17	777	63
<i>NHS Surrey Heartlands ICB^a</i>	828,100	0.84	0.84	0.83	0.84	0.84	0.82	0.76	0.90	624	85

Table B7 Continued

ICB/HB	Population 18+	O/E					2022				
		2017	2018	2019	2020	2021	O/E	95% LCL	95% UCL	Crude rate pmp	% White
SOUTH EAST											
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	1,416,700	1.07	1.07	1.07	1.09	1.10	1.11	1.04	1.17	820	83
NHS Frimley ICB	597,100	1.11	1.10	1.10	1.11	1.12	1.10	1.00	1.20	816	74
<i>NHS Hampshire and Isle of Wight ICB</i>	<i>1,480,600</i>	<i>0.93</i>	<i>0.90</i>	<i>0.91</i>	<i>0.88</i>	<i>0.88</i>	<i>0.88</i>	<i>0.83</i>	<i>0.94</i>	<i>660</i>	<i>91</i>
NHS Kent and Medway ICB	1,468,200	1.01	1.01	1.00	0.97	0.97	0.95	0.90	1.01	723	89
<i>NHS Sussex ICB</i>	<i>1,394,200</i>	<i>0.83</i>	<i>0.84</i>	<i>0.85</i>	<i>0.83</i>	<i>0.83</i>	<i>0.82</i>	<i>0.77</i>	<i>0.88</i>	<i>628</i>	<i>91</i>
SOUTH WEST											
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	760,800	0.94	0.93	0.93	0.94	0.93	0.95	0.87	1.03	716	91
NHS Bristol, North Somerset and South Gloucestershire ICB	797,800	0.98	0.97	0.95	0.93	0.93	0.95	0.87	1.03	658	87
NHS Cornwall and the Isles of Scilly ICB	471,900	1.07	1.04	1.03	1.01	0.96	0.95	0.85	1.05	750	97
<i>NHS Devon ICB</i>	<i>1,008,900</i>	<i>0.99</i>	<i>0.99</i>	<i>0.94</i>	<i>0.95</i>	<i>0.92</i>	<i>0.90</i>	<i>0.84</i>	<i>0.97</i>	<i>690</i>	<i>96</i>
<i>NHS Dorset ICB</i>	<i>645,200</i>	<i>0.88</i>	<i>0.89</i>	<i>0.89</i>	<i>0.89</i>	<i>0.88</i>	<i>0.84</i>	<i>0.76</i>	<i>0.92</i>	<i>643</i>	<i>94</i>
NHS Gloucestershire ICB	523,700	0.95	1.00	0.99	0.97	0.96	0.98	0.89	1.08	754	93
<i>NHS Somerset ICB</i>	<i>466,300</i>	<i>0.86</i>	<i>0.84</i>	<i>0.81</i>	<i>0.82</i>	<i>0.81</i>	<i>0.77</i>	<i>0.68</i>	<i>0.86</i>	<i>607</i>	<i>96</i>
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)											
Belfast HSC Trust											
Northern HSC Trust											
South eastern HSC Trust											
Southern HSC Trust											
Western HSC Trust											
SCOTLAND (HEALTH BOARDS)											
Ayrshire and Arran	299,000	1.02	1.01	0.98	0.99	0.95	0.92	0.80	1.05	736	98
Borders	96,100	1.01	1.04	1.00	0.97	0.91	0.95	0.75	1.19	780	98
Dumfries and Galloway	120,500	0.98	0.99	1.01	1.00	1.03	1.01	0.83	1.23	830	98
<i>Fife</i>	<i>301,800</i>	<i>0.83</i>	<i>0.84</i>	<i>0.85</i>	<i>0.85</i>	<i>0.82</i>	<i>0.80</i>	<i>0.69</i>	<i>0.92</i>	<i>620</i>	<i>96</i>
Forth Valley	245,500	0.97	0.96	0.95	1.02	1.03	1.01	0.87	1.16	782	96
Grampian	470,500	0.90	0.92	0.93	0.94	0.99	0.99	0.89	1.09	755	93
Greater Glasgow and Clyde	964,400	1.14	1.13	1.15	1.15	1.15	1.14	1.06	1.22	831	87
Highland	267,100	1.03	1.02	1.01	1.02	0.99	1.01	0.89	1.15	824	98
Lanarkshire	538,100	1.08	1.06	1.09	1.07	1.08	1.06	0.97	1.16	827	96
<i>Lothian</i>	<i>740,800</i>	<i>0.80</i>	<i>0.83</i>	<i>0.82</i>	<i>0.83</i>	<i>0.87</i>	<i>0.87</i>	<i>0.79</i>	<i>0.95</i>	<i>625</i>	<i>90</i>
Orkney	18,100	0.54	0.51	0.77	0.77	0.83	0.88	0.51	1.52	719	98
<i>Shetland</i>	<i>18,300</i>	<i>0.46</i>	<i>0.44</i>	<i>0.57</i>	<i>0.42</i>	<i>0.49</i>	<i>0.41</i>	<i>0.18</i>	<i>0.92</i>	<i>328</i>	<i>98</i>
Tayside	339,700	0.93	0.96	0.94	0.94	0.94	0.91	0.80	1.04	698	95
Western Isles	21,600	0.94	0.90	0.92	0.97	0.96	0.94	0.58	1.51	786	98

Table B7 Continued

ICB/HB	Population 18+	O/E					2022				
		2017	2018	2019	2020	2021	O/E	95% LCL	95% UCL	Crude rate pmp	% White
		WALES (LOCAL HEALTH BOARDS)									
Aneurin Bevan University Health Board	469,200	1.11	1.12	1.09	1.06	1.06	1.05	0.95	1.17	810	94
<i>Betsi Cadwaladr University Health Board</i>	<i>554,600</i>	<i>0.93</i>	<i>0.94</i>	<i>0.93</i>	<i>0.92</i>	<i>0.91</i>	<i>0.89</i>	<i>0.80</i>	<i>0.98</i>	<i>696</i>	<i>97</i>
Cardiff and Vale University Health Board	402,600	1.09	1.09	1.07	1.07	1.08	1.09	0.97	1.22	750	83
Cwm Taf Morgannwg University Health Board	353,200	1.25	1.22	1.19	1.19	1.14	1.12	1.00	1.26	858	97
Hywel Dda University Health Board	313,300	0.91	0.91	0.90	0.88	0.88	0.88	0.77	1.00	693	97
<i>Powys Teaching Health Board</i>	<i>110,300</i>	<i>0.80</i>	<i>0.76</i>	<i>0.77</i>	<i>0.75</i>	<i>0.69</i>	<i>0.72</i>	<i>0.56</i>	<i>0.92</i>	<i>589</i>	<i>98</i>
Swansea Bay University Health Board	308,800	1.12	1.05	0.98	0.94	0.92	0.95	0.83	1.08	706	93

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

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

Areas with notably low prevalence ratios in 2022 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 figures B1 and B2 can be used to determine if a ICB/HB falls within the 95% CI around the national average rate

The populations are mid-2022 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

Exeter was unable to submit patient level data for 2021 and 2022. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for both 2021 and 2022

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

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