

## *Appendix B*

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# **Integrated Care Board (ICB) and health board (HB) adult incidence and prevalence numbers, rates and standardised ratios – data to the end of 2021**

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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-2021 population estimates by HB, sex and age were obtained from the ONS website ([ons.gov.uk](https://ons.gov.uk)) for Wales, and from the National Records of Scotland website ([nrsotland.gov.uk](https://nrsotland.gov.uk)) for Scotland. For England, populations by ICB, sex and age were estimated within the UKRR by aggregating data at LSOA level to ICB level. For these three countries the populations are based on the 2021 census. For Northern Ireland the 2021 census data was not yet available at HSCT level and the mid-2020 populations obtained last year from the Northern Ireland Statistics and Research Agency (NISRA) website ([nirsra.gov.uk](https://nirsra.gov.uk)) were used again. Tables B5-B7 will be updated on the UKKA website when the 2021 population data is available at HSCT level. These mid-2020 population estimates are projections based on the 2011 census data. The ICB/HB populations aged 18 years and over ranged from 18,300 (Shetland) to 2,384,800 (NHS North East and North Cumbria ICB).

The analysis for each year used the same population data. As the analyses cover only six years this was a reasonable approximation.

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

### Crude rates

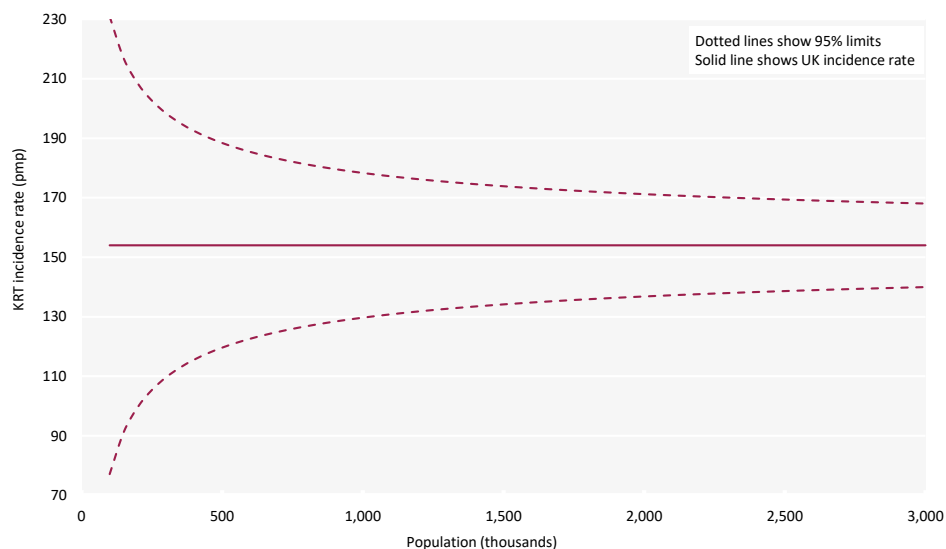
The crude rates, per million population (pmp), were calculated for each ICB/HB for each year:

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

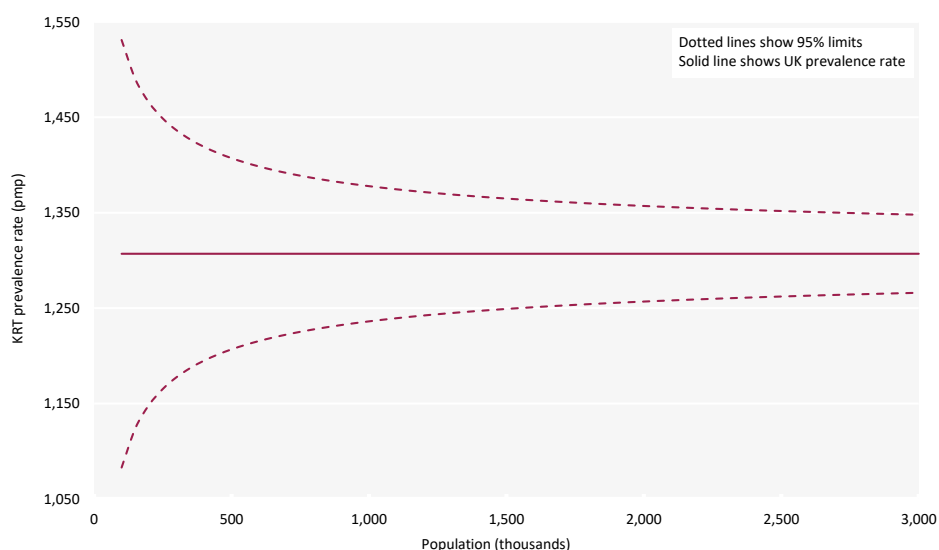
For the combined years analyses the observed cases were summed over the available years and the population was multiplied by six. This is a rate pmp per year – an average over the available years.

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 2021 for population size 100,000–3,000,000 pmp – per million population



**Figure B2** 95% confidence limits for adult KRT prevalence rate of 1,307 pmp on 31/12/2021 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<sub>*i*</sub> 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 ICBs/HBs, 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 2016 and 2021

**Table B1** Number of adult patients incident to KRT by year of KRT start and ICB/HB (2016–2021)

ICB/HB	Number of observations (incident)					
	2016	2017	2018	2019	2020	2021
<b>NORTH EAST AND YORKSHIRE</b>						
NHS Humber and North Yorkshire ICB	180	168	167	176	158	144
NHS North East and North Cumbria ICB	348	381	358	331	311	337
NHS South Yorkshire ICB	163	171	189	153	164	164
NHS West Yorkshire ICB	256	262	253	271	239	253
<b>NORTH WEST</b>						
NHS Cheshire and Merseyside ICB	249	294	260	254	235	259
NHS Greater Manchester ICB	378	362	318	344	306	328
NHS Lancashire and South Cumbria ICB	152	179	202	176	175	208
<b>MIDLANDS</b>						
NHS Birmingham and Solihull ICB	230	216	228	221	198	204
NHS Black Country ICB	153	179	170	174	185	206
NHS Coventry and Warwickshire ICB	134	119	118	132	138	146
NHS Derby and Derbyshire ICB	115	127	107	139	119	122
NHS Herefordshire and Worcestershire ICB	83	89	79	86	78	72
NHS Leicester, Leicestershire and Rutland ICB	140	121	139	162	144	118
NHS Lincolnshire ICB	71	74	75	90	88	89
NHS Northamptonshire ICB	76	77	94	88	96	83
NHS Nottingham and Nottinghamshire ICB	129	129	125	126	113	120
NHS Shropshire, Telford and Wrekin ICB	54	62	81	73	48	63
NHS Staffordshire and Stoke-on-Trent ICB	149	125	119	130	145	153
<b>EAST OF ENGLAND</b>						
NHS Bedfordshire, Luton and Milton Keynes ICB	131	98	131	119	131	144
NHS Cambridgeshire and Peterborough ICB	94	85	93	108	99	106
NHS Hertfordshire and West Essex ICB	162	158	154	166	147	153
NHS Mid and South Essex ICB	145	144	125	153	132	141
NHS Norfolk and Waveney ICB	127	94	101	125	122	131
NHS Suffolk and North East Essex ICB	93	119	122	129	114	121
<b>LONDON</b>						
NHS North East London ICB	285	321	327	306	313	249
NHS North Central London ICB	193	196	223	233	193	229
NHS North West London ICB	328	373	363	364	347	376
NHS South East London ICB	232	257	257	291	251	332
NHS South West London ICB	196	187	192	197	221	224
NHS Surrey Heartlands ICB <sup>a</sup>	113	106	105	99	116	121
<b>SOUTH EAST</b>						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	173	187	182	187	159	185
NHS Frimley ICB	78	100	83	95	85	85
NHS Hampshire and Isle of Wight ICB	168	187	192	184	181	195
NHS Kent and Medway ICB	206	193	192	214	195	237
NHS Sussex ICB	214	184	210	205	185	186
<b>SOUTH WEST</b>						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	98	105	88	106	101	78
NHS Bristol, North Somerset and South Gloucestershire ICB	105	110	115	106	85	118
NHS Cornwall and the Isles of Scilly ICB	67	88	80	79	55	96
NHS Devon ICB	144	162	146	149	150	171
NHS Dorset ICB	60	87	93	81	66	65
NHS Gloucestershire ICB	72	83	74	66	83	84
NHS Somerset ICB	67	57	58	73	59	71

**Table B1** Continued

ICB/HB	Number of observations (incident)					
	2016	2017	2018	2019	2020	2021
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>						
Belfast HSC Trust	56	44	61	48	42	56
Northern HSC Trust	58	64	71	66	39	55
South Eastern HSC Trust	43	45	30	36	43	49
Southern HSC Trust	34	35	33	29	37	39
Western HSC Trust	36	30	36	31	40	34
<b>SCOTLAND (SCOTTISH HEALTH BOARDS)</b>						
Ayrshire and Arran	60	54	43	47	59	44
Borders	5	18	12	13	4	5
Dumfries and Galloway	12	20	20	20	18	13
Fife	33	45	42	51	36	45
Forth Valley	23	27	51	31	38	33
Grampian	56	57	60	39	54	51
Greater Glasgow and Clyde	145	146	125	147	124	152
Highland	27	32	51	27	19	32
Lanarkshire	77	82	76	85	67	76
Lothian	71	92	81	69	67	77
Orkney	0	1	2	2	3	4
Shetland	2	1	3	0	3	3
Tayside	45	58	38	29	28	39
Western Isles	4	4	2	1	3	3
<b>WALES (LOCAL HEALTH BOARDS)</b>						
Aneurin Bevan University Health Board	66	79	81	88	71	73
Betsi Cadwaladr University Health Board	88	81	89	81	94	74
Cardiff and Vale University Health Board	64	49	70	55	36	37
Cwm Taf Morgannwg University Health Board	57	72	59	47	42	61
Hywel Dda University Health Board	43	54	54	72	49	55
Powys Teaching Health Board	18	17	20	12	18	15
Swansea Bay University Health Board	58	51	61	58	57	49

<sup>a</sup> Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

Exeter was unable to submit 2021 patient level data. Numbers of patients in 2019 were used as an estimate for 2021

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 (2016–2021)

ICS/HB	Number of observations (ICHD)					
	2016	2017	2018	2019	2020	2021
<b>NORTH EAST AND YORKSHIRE</b>						
NHS Humber and North Yorkshire ICB	520	552	559	560	584	585
NHS North East and North Cumbria ICB	920	962	991	1000	968	977
NHS South Yorkshire ICB	579	575	578	555	559	553
NHS West Yorkshire ICB	772	821	814	837	828	863
<b>NORTH WEST</b>						
NHS Cheshire and Merseyside ICB	762	790	788	820	799	811
NHS Greater Manchester ICB	782	828	844	829	872	858
NHS Lancashire and South Cumbria ICB	556	550	555	543	529	533
<b>MIDLANDS</b>						
NHS Birmingham and Solihull ICB	823	798	807	826	797	837
NHS Black Country ICB	584	619	642	630	652	679
NHS Coventry and Warwickshire ICB	353	325	292	332	343	357
NHS Derby and Derbyshire ICB	323	303	302	330	333	373
NHS Herefordshire and Worcestershire ICB	279	289	290	310	304	300
NHS Leicester, Leicestershire and Rutland ICB	399	408	396	400	401	412
NHS Lincolnshire ICB	223	223	219	234	238	267
NHS Northamptonshire ICB	220	214	244	251	259	265
NHS Nottingham and Nottinghamshire ICB	380	371	371	370	354	367
NHS Shropshire, Telford and Wrekin ICB	186	188	207	213	185	191
NHS Staffordshire and Stoke-on-Trent ICB	385	365	352	326	327	339
<b>EAST OF ENGLAND</b>						
NHS Bedfordshire, Luton and Milton Keynes ICB	336	307	322	319	343	356
NHS Cambridgeshire and Peterborough ICB	284	281	293	291	274	287
NHS Hertfordshire and West Essex ICB	471	442	426	435	443	454
NHS Mid and South Essex ICB	389	411	411	422	426	434
NHS Norfolk and Waveney ICB	377	358	342	347	340	369
NHS Suffolk and North East Essex ICB	331	331	332	331	340	358
<b>LONDON</b>						
NHS North East London ICB	966	995	1026	1010	1035	1095
NHS North Central London ICB	647	617	616	660	634	636
NHS North West London ICB	1314	1328	1321	1291	1178	1198
NHS South East London ICB	974	998	1056	1053	1086	1163
NHS South West London ICB	731	706	696	691	738	757
NHS Surrey Heartlands ICB <sup>a</sup>	321	326	314	306	295	313
<b>SOUTH EAST</b>						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	402	440	432	448	442	432
NHS Frimley ICB	236	257	268	273	267	278
NHS Hampshire and Isle of Wight ICB	469	464	472	523	538	572
NHS Kent and Medway ICB	583	606	599	596	603	648
NHS Sussex ICB	540	548	552	556	544	546
<b>SOUTH WEST</b>						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	226	224	215	224	236	238
NHS Bristol, North Somerset and South Gloucestershire ICB	332	336	333	325	317	320
NHS Cornwall and the Isles of Scilly ICB	190	194	200	199	200	229
NHS Devon ICB	438	445	433	419	460	439
NHS Dorset ICB	241	247	249	245	253	253
NHS Gloucestershire ICB	237	249	246	237	220	224
NHS Somerset ICB	192	195	193	197	195	199
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>						
Belfast HSC Trust	137	136	134	128	113	93
Northern HSC Trust	167	157	161	154	145	138

**Table B2** Continued

ICS/HB	Number of observations (ICHD)					
	2016	2017	2018	2019	2020	2021
South Eastern HSC Trust	105	117	107	93	96	119
Southern HSC Trust	97	87	92	91	89	89
Western HSC Trust	108	92	90	82	92	88
<b>SCOTLAND</b>						
Ayrshire and Arran	139	149	146	145	154	145
Borders	34	36	34	37	35	35
Dumfries and Galloway	48	52	56	52	53	49
Fife	150	155	145	147	147	165
Forth Valley	89	87	103	101	92	94
Grampian	221	217	200	180	177	172
Greater Glasgow and Clyde	422	422	422	407	398	411
Highland	95	92	100	102	96	99
Lanarkshire	218	224	225	237	220	224
Lothian	243	261	259	255	248	243
Orkney	6	5	5	3	6	9
Shetland	7	9	11	8	9	11
Tayside	169	177	153	153	150	144
Western Isles	9	13	14	12	15	13
<b>WALES (LOCAL HEALTH BOARDS)</b>						
Aneurin Bevan University Health Board	196	223	234	248	225	228
Betsi Cadwaladr University Health Board	237	248	251	247	263	255
Cardiff and Vale University Health Board	139	159	167	166	165	160
Cwm Taf Morgannwg University Health Board	151	161	168	164	153	177
Hywel Dda University Health Board	137	160	165	172	176	180
Powys Teaching Health Board	57	61	59	56	55	49
Swansea Bay University Health Board	169	156	171	170	170	180

<sup>a</sup>Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

Exeter was unable to submit 2021 patient level data. Numbers of patients in 2019 were used as an estimate for 2021

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 (2016–2021)

ICS/HB	Number of observations (HHD and PD)					
	2016	2017	2018	2019	2020	2021
<b>NORTH EAST AND YORKSHIRE</b>						
NHS Humber and North Yorkshire ICB	129	114	107	116	111	107
NHS North East and North Cumbria ICB	169	177	186	185	169	185
NHS South Yorkshire ICB	105	105	110	110	116	115
NHS West Yorkshire ICB	97	113	117	134	119	115
<b>NORTH WEST</b>						
NHS Cheshire and Merseyside ICB	207	206	201	174	184	181
NHS Greater Manchester ICB	237	270	265	279	266	261
NHS Lancashire and South Cumbria ICB	92	93	92	107	111	115
<b>MIDLANDS</b>						
NHS Birmingham and Solihull ICB	154	165	184	188	203	197
NHS Black Country ICB	191	184	156	157	145	166
NHS Coventry and Warwickshire ICB	77	71	74	97	102	104
NHS Derby and Derbyshire ICB	122	136	128	123	150	144
NHS Herefordshire and Worcestershire ICB	81	89	78	73	81	76
NHS Leicester, Leicestershire and Rutland ICB	66	69	77	71	62	59
NHS Lincolnshire ICB	61	57	59	63	63	75
NHS Northamptonshire ICB	47	50	45	51	52	53
NHS Nottingham and Nottinghamshire ICB	109	100	101	109	120	124
NHS Shropshire, Telford and Wrekin ICB	62	64	79	82	90	91
NHS Staffordshire and Stoke-on-Trent ICB	153	148	148	149	172	189
<b>EAST OF ENGLAND</b>						
NHS Bedfordshire, Luton and Milton Keynes ICB	50	43	59	51	47	56
NHS Cambridgeshire and Peterborough ICB	31	35	41	41	42	46
NHS Hertfordshire and West Essex ICB	75	81	91	97	90	91
NHS Mid and South Essex ICB	103	107	102	105	114	116
NHS Norfolk and Waveney ICB	72	64	56	70	67	65
NHS Suffolk and North East Essex ICB	56	71	69	67	55	51
<b>LONDON</b>						
NHS North East London ICB	205	243	248	229	271	260
NHS North Central London ICB	137	130	151	148	155	153
NHS North West London ICB	112	114	136	163	215	237
NHS South East London ICB	130	139	133	154	175	188
NHS South West London ICB	96	91	106	98	124	130
NHS Surrey Heartlands ICB <sup>a</sup>	70	67	65	61	74	73
<b>SOUTH EAST</b>						
NHS Buckinghamshire, Oxfordshire and Berkshire West ICB	106	73	76	73	84	87
NHS Frimley ICB	46	41	34	42	43	41
NHS Hampshire and Isle of Wight ICB	123	125	139	129	149	137
NHS Kent and Medway ICB	115	107	93	101	118	127
NHS Sussex ICB	145	131	125	116	126	137
<b>SOUTH WEST</b>						
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	61	60	59	65	73	67
NHS Bristol, North Somerset and South Gloucestershire ICB	40	44	38	46	49	61
NHS Cornwall and the Isles of Scilly ICB	43	40	38	39	36	36
NHS Devon ICB	98	98	101	100	94	89
NHS Dorset ICB	40	43	50	49	47	34
NHS Gloucestershire ICB	48	45	37	29	29	32
NHS Somerset ICB	47	40	43	49	48	48
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>						
Belfast HSC Trust	16	10	15	10	11	20
Northern HSC Trust	20	19	27	32	20	24

**Table B3** Continued

ICS/HB	Number of observations (HHD and PD)					
	2016	2017	2018	2019	2020	2021
South Eastern HSC Trust	21	20	22	19	11	13
Southern HSC Trust	23	25	19	14	13	15
Western HSC Trust	12	11	10	14	10	9
<b>SCOTLAND</b>						
Ayrshire and Arran	42	38	33	39	43	51
Borders	5	5	4	5	3	3
Dumfries and Galloway	13	8	7	10	12	10
Fife	21	12	12	15	10	12
Forth Valley	8	8	14	11	10	6
Grampian	23	23	28	24	24	21
Greater Glasgow and Clyde	50	41	36	38	31	29
Highland	21	18	27	24	18	17
Lanarkshire	35	25	32	30	37	31
Lothian	37	32	35	38	31	38
Orkney	2	2	1	0	0	0
Shetland	1	1	0	0	0	0
Tayside	22	20	29	27	18	20
Western Isles	6	3	3	2	0	0
<b>WALES (LOCAL HEALTH BOARDS)</b>						
Aneurin Bevan University Health Board	60	56	44	41	46	44
Betsi Cadwaladr University Health Board	85	74	74	72	71	61
Cardiff and Vale University Health Board	24	22	22	31	30	32
Cwm Taf Morgannwg University Health Board	30	45	39	42	37	42
Hywel Dda University Health Board	52	43	43	46	35	30
Powys Teaching Health Board	12	14	22	17	18	17
Swansea Bay University Health Board	39	44	43	50	48	44

<sup>a</sup>Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

Exeter was unable to submit 2021 patient level data. Numbers of patients in 2019 were used as an estimate for 2021

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 (2016–2021)

ICS/HB	Number of observations (Tx)					
	2016	2017	2018	2019	2020	2021
<b>NORTH EAST AND YORKSHIRE</b>						
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
<b>NORTH WEST</b>						
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
<b>MIDLANDS</b>						
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
<b>EAST OF ENGLAND</b>						
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
<b>LONDON</b>						
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 <sup>a</sup>	458	474	489	501	506	511
<b>SOUTH EAST</b>						
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
<b>SOUTH WEST</b>						
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

**Table B4** Continued

ICS/HB	Number of observations (Tx)					
	2016	2017	2018	2019	2020	2021
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>						
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
<b>SCOTLAND</b>						
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
<b>WALES (LOCAL HEALTH BOARDS)</b>						
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

<sup>a</sup> Surrey Heartlands ICB has been put under London – by some allocations it would be under South East

Exeter was unable to submit 2021 patient level data. Numbers of patients in 2019 were used as an estimate for 2021

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 (2016-2021 by individual year and 6 year average)

ICS/HB	Population 18+	O/E					2021		2016-2021			
		2015	2016	2017	2018	2019	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp
<b>NORTH EAST AND YORKSHIRE</b>												
<i>NHS Humber and North Yorkshire ICB</i>	1,373,700	0.82	0.74	0.74	0.77	0.74	0.63	105	0.74	0.70	0.79	120
<i>NHS North East and North Cumbria ICB</i>	2,384,800	0.95	1.00	0.94	0.86	0.86	0.88	141	0.91	0.88	0.95	144
<i>NHS South Yorkshire ICB</i>	1,091,100	1.02	1.04	1.15	0.92	1.05	0.98	150	1.03	0.96	1.09	153
<i>NHS West Yorkshire ICB</i>	1,862,300	0.97	0.96	0.93	0.99	0.93	0.92	136	0.95	0.90	1.00	137
<b>NORTH WEST</b>												
<i>NHS Cheshire and Merseyside ICB</i>	2,021,300	0.82	0.93	0.82	0.80	0.79	0.81	128	0.83	0.79	0.87	128
<b>NHS Greater Manchester ICB</b>	<b>2,214,700</b>	<b>1.24</b>	<b>1.14</b>	<b>1.01</b>	<b>1.08</b>	<b>1.02</b>	<b>1.03</b>	<b>148</b>	<b>1.09</b>	<b>1.04</b>	<b>1.13</b>	<b>153</b>
<i>NHS Lancashire and South Cumbria ICB</i>	1,367,700	0.72	0.81	0.92	0.79	0.84	0.94	152	0.84	0.79	0.89	133
<b>MIDLANDS</b>												
<b>NHS Birmingham and Solihull ICB</b>	<b>1,023,800</b>	<b>1.71</b>	<b>1.55</b>	<b>1.64</b>	<b>1.57</b>	<b>1.51</b>	<b>1.45</b>	<b>199</b>	<b>1.57</b>	<b>1.49</b>	<b>1.66</b>	<b>211</b>
<b>NHS Black Country ICB</b>	<b>929,200</b>	<b>1.14</b>	<b>1.29</b>	<b>1.23</b>	<b>1.25</b>	<b>1.42</b>	<b>1.48</b>	<b>222</b>	<b>1.30</b>	<b>1.22</b>	<b>1.38</b>	<b>191</b>
<b>NHS Coventry and Warwickshire ICB</b>	<b>746,000</b>	<b>1.24</b>	<b>1.06</b>	<b>1.06</b>	<b>1.17</b>	<b>1.30</b>	<b>1.29</b>	<b>196</b>	<b>1.18</b>	<b>1.10</b>	<b>1.27</b>	<b>176</b>
<i>NHS Derby and Derbyshire ICB</i>	847,400	0.87	0.93	0.79	1.01	0.92	0.89	144	0.90	0.84	0.97	143
<i>NHS Herefordshire and Worcestershire ICB</i>	640,800	0.79	0.82	0.73	0.78	0.76	0.66	112	0.76	0.69	0.83	127
<i>NHS Leicester, Leicestershire and Rutland ICB</i>	884,500	1.10	0.91	1.05	1.21	1.15	0.88	133	1.05	0.98	1.12	155
<i>NHS Lincolnshire ICB</i>	625,500	0.70	0.70	0.71	0.84	0.88	0.84	142	0.78	0.71	0.85	130
<i>NHS Northamptonshire ICB</i>	614,700	0.85	0.83	1.01	0.94	1.09	0.88	135	0.93	0.85	1.02	139
<i>NHS Nottingham and Nottinghamshire ICB</i>	916,100	0.97	0.94	0.91	0.91	0.87	0.86	131	0.91	0.85	0.98	135
<i>NHS Shropshire, Telford and Wrekin ICB</i>	411,000	0.81	0.90	1.18	1.05	0.74	0.91	153	0.94	0.85	1.04	155
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	909,400	1.05	0.85	0.81	0.88	1.04	1.03	168	0.94	0.88	1.01	150
<b>EAST OF ENGLAND</b>												
<b>NHS Bedfordshire, Luton and Milton Keynes ICB</b>	<b>765,300</b>	<b>1.24</b>	<b>0.89</b>	<b>1.20</b>	<b>1.08</b>	<b>1.27</b>	<b>1.30</b>	<b>188</b>	<b>1.16</b>	<b>1.08</b>	<b>1.25</b>	<b>164</b>
<i>NHS Cambridgeshire and Peterborough ICB</i>	724,600	0.91	0.79	0.87	1.00	0.98	0.98	146	0.92	0.85	1.00	135
<i>NHS Hertfordshire and West Essex ICB</i>	1,165,900	0.96	0.90	0.88	0.94	0.89	0.87	131	0.91	0.85	0.97	134
<i>NHS Mid and South Essex ICB</i>	943,200	1.02	0.98	0.85	1.03	0.95	0.95	149	0.96	0.90	1.03	148
<i>NHS Norfolk and Waveney ICB</i>	846,600	0.91	0.65	0.70	0.86	0.90	0.90	155	0.82	0.76	0.88	138
<i>NHS Suffolk and North East Essex ICB</i>	794,200	0.73	0.91	0.93	0.97	0.92	0.91	152	0.90	0.83	0.96	146
<b>LONDON</b>												
<b>NHS North East London ICB</b>	<b>1,537,100</b>	<b>1.63</b>	<b>1.76</b>	<b>1.81</b>	<b>1.67</b>	<b>1.83</b>	<b>1.36</b>	<b>162</b>	<b>1.68</b>	<b>1.60</b>	<b>1.76</b>	<b>195</b>
<b>NHS North Central London ICB</b>	<b>1,111,700</b>	<b>1.41</b>	<b>1.38</b>	<b>1.58</b>	<b>1.63</b>	<b>1.44</b>	<b>1.60</b>	<b>206</b>	<b>1.51</b>	<b>1.43</b>	<b>1.60</b>	<b>190</b>
<b>NHS North West London ICB</b>	<b>1,658,800</b>	<b>1.59</b>	<b>1.73</b>	<b>1.70</b>	<b>1.68</b>	<b>1.72</b>	<b>1.74</b>	<b>227</b>	<b>1.69</b>	<b>1.62</b>	<b>1.77</b>	<b>216</b>
<b>NHS South East London ICB</b>	<b>1,419,700</b>	<b>1.35</b>	<b>1.43</b>	<b>1.44</b>	<b>1.61</b>	<b>1.49</b>	<b>1.84</b>	<b>234</b>	<b>1.53</b>	<b>1.46</b>	<b>1.61</b>	<b>190</b>
<b>NHS South West London ICB</b>	<b>1,181,100</b>	<b>1.30</b>	<b>1.19</b>	<b>1.23</b>	<b>1.25</b>	<b>1.50</b>	<b>1.42</b>	<b>190</b>	<b>1.31</b>	<b>1.24</b>	<b>1.39</b>	<b>172</b>
<i>NHS Surrey Heartlands ICB</i>	827,600	0.91	0.82	0.82	0.77	0.96	0.94	146	0.87	0.80	0.94	133
<b>SOUTH EAST</b>												
<i>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</i>	1,401,500	0.85	0.89	0.87	0.88	0.80	0.87	132	0.86	0.81	0.92	128
<i>NHS Frimley ICB</i>	593,200	0.93	1.15	0.96	1.09	1.04	0.98	143	1.03	0.94	1.12	148
<i>NHS Hampshire and Isle of Wight ICB</i>	1,467,400	0.75	0.80	0.83	0.78	0.83	0.83	133	0.80	0.76	0.85	126

**Table B5** Continued

ICS/HB	Population 18+	O/E					2021		2016-2021			
		2015	2016	2017	2018	2019	O/E	Crude rate pmp	O/E	95% LCL	95% UCL	Crude rate pmp
<i>NHS Kent and Medway ICB</i>	1,457,100	0.93	0.84	0.84	0.93	0.90	1.03	163	0.91	0.86	0.96	141
<i>NHS Sussex ICB</i>	1,378,300	0.99	0.82	0.94	0.91	0.87	0.82	135	0.89	0.84	0.94	143
<b>SOUTH WEST</b>												
<i>NHS Bath and North East Somerset, Swindon and Wiltshire ICB</i>	753,200	0.86	0.89	0.75	0.89	0.91	0.66	104	0.82	0.76	0.89	127
<i>NHS Bristol, North Somerset and South Gloucestershire ICB</i>	785,400	0.98	0.99	1.04	0.94	0.81	1.05	150	0.97	0.90	1.05	136
<i>NHS Cornwall and the Isles of Scilly ICB</i>	469,000	0.85	1.08	0.98	0.96	0.71	1.17	205	0.96	0.88	1.05	165
<i>NHS Devon ICB</i>	995,800	0.89	0.97	0.87	0.88	0.95	1.01	172	0.93	0.87	0.99	154
<i>NHS Dorset ICB</i>	642,000	0.56	0.79	0.85	0.73	0.64	0.59	101	0.69	0.63	0.76	117
<i>NHS Gloucestershire ICB</i>	519,100	0.88	0.98	0.87	0.77	1.04	0.98	162	0.92	0.84	1.01	148
<i>NHS Somerset ICB</i>	463,300	0.86	0.71	0.72	0.90	0.78	0.88	153	0.81	0.73	0.90	139
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>												
<b>Belfast HSC Trust</b>	<b>281,700</b>	<b>1.50</b>	<b>1.13</b>	<b>1.58</b>	<b>1.23</b>	<b>1.15</b>	<b>1.43</b>	<b>199</b>	<b>1.34</b>	<b>1.19</b>	<b>1.49</b>	<b>182</b>
Northern HSC Trust	370,900	1.06	1.13	1.25	1.15	0.73	0.96	148	1.05	0.94	1.16	159
South Eastern HSC Trust	282,500	1.00	1.01	0.68	0.81	1.03	1.10	173	0.94	0.83	1.06	145
<i>Southern HSC Trust</i>	<i>289,200</i>	<i>0.84</i>	<i>0.83</i>	<i>0.79</i>	<i>0.68</i>	<i>0.93</i>	<i>0.92</i>	<i>135</i>	<i>0.83</i>	<i>0.73</i>	<i>0.95</i>	<i>119</i>
Western HSC Trust	230,100	1.08	0.87	1.04	0.89	1.23	0.98	148	1.01	0.88	1.16	150
<b>SCOTLAND</b>												
Ayrshire and Arran	300,900	1.23	1.07	0.85	0.92	1.23	0.86	146	1.02	0.91	1.14	170
<i>Borders</i>	<i>94,800</i>	<i>0.31</i>	<i>1.06</i>	<i>0.71</i>	<i>0.76</i>	<i>0.25</i>	<i>0.29</i>	<i>53</i>	<i>0.57</i>	<i>0.44</i>	<i>0.73</i>	<i>100</i>
<i>Dumfries and Galloway</i>	<i>122,800</i>	<i>0.56</i>	<i>0.91</i>	<i>0.91</i>	<i>0.90</i>	<i>0.86</i>	<i>0.58</i>	<i>106</i>	<i>0.79</i>	<i>0.65</i>	<i>0.96</i>	<i>140</i>
<i>Fife</i>	<i>303,000</i>	<i>0.70</i>	<i>0.92</i>	<i>0.86</i>	<i>1.04</i>	<i>0.78</i>	<i>0.92</i>	<i>149</i>	<i>0.87</i>	<i>0.77</i>	<i>0.99</i>	<i>139</i>
Forth Valley	247,500	0.61	0.69	1.31	0.79	1.03	0.84	133	0.88	0.77	1.01	137
<i>Grampian</i>	<i>474,400</i>	<i>0.80</i>	<i>0.78</i>	<i>0.82</i>	<i>0.53</i>	<i>0.78</i>	<i>0.69</i>	<i>108</i>	<i>0.73</i>	<i>0.66</i>	<i>0.82</i>	<i>111</i>
Greater Glasgow and Clyde	965,000	1.10	1.07	0.92	1.06	0.96	1.10	158	1.04	0.97	1.11	145
<i>Highland</i>	<i>266,800</i>	<i>0.61</i>	<i>0.70</i>	<i>1.11</i>	<i>0.59</i>	<i>0.44</i>	<i>0.69</i>	<i>120</i>	<i>0.69</i>	<i>0.60</i>	<i>0.80</i>	<i>117</i>
Lanarkshire	531,800	0.97	1.00	0.92	1.03	0.86	0.91	143	0.95	0.87	1.04	145
<i>Lothian</i>	<i>746,700</i>	<i>0.70</i>	<i>0.87</i>	<i>0.77</i>	<i>0.65</i>	<i>0.67</i>	<i>0.72</i>	<i>103</i>	<i>0.73</i>	<i>0.67</i>	<i>0.80</i>	<i>102</i>
Orkney	18,500	0.00	0.31	0.61	0.61	0.98	1.22	216	0.62	0.35	1.10	108
Shetland	18,300	0.68	0.33	0.98	0.00	1.04	0.97	164	0.66	0.38	1.17	109
<i>Tayside</i>	<i>342,400</i>	<i>0.85</i>	<i>1.06</i>	<i>0.70</i>	<i>0.52</i>	<i>0.54</i>	<i>0.71</i>	<i>114</i>	<i>0.73</i>	<i>0.64</i>	<i>0.83</i>	<i>115</i>
Western Isles	22,000	1.04	1.01	0.50	0.25	0.80	0.75	136	0.72	0.45	1.16	129
<b>WALES (LOCAL HEALTH BOARDS)</b>												
Aneurin Bevan University Health Board	466,900	0.92	1.06	1.09	1.17	1.01	0.97	156	1.04	0.95	1.14	164
<i>Betsi Cadwaladr University Health Board</i>	<i>553,300</i>	<i>0.97</i>	<i>0.86</i>	<i>0.95</i>	<i>0.86</i>	<i>1.06</i>	<i>0.78</i>	<i>134</i>	<i>0.91</i>	<i>0.84</i>	<i>1.00</i>	<i>153</i>
Cardiff and Vale University Health Board	390,700	1.22	0.90	1.29	1.00	0.70	0.67	95	0.96	0.86	1.07	133
Cwm Taf Morgannwg University Health Board	351,200	1.07	1.30	1.06	0.84	0.80	1.09	174	1.03	0.92	1.14	160
Hywel Dda University Health Board	311,000	0.82	1.00	1.00	1.32	0.96	1.01	177	1.02	0.91	1.14	175
Powys Teaching Health Board	110,100	0.92	0.84	0.99	0.59	0.94	0.74	136	0.83	0.68	1.01	151
Swansea Bay University Health Board	305,800	1.25	1.06	1.27	1.20	1.26	1.01	160	1.17	1.05	1.31	182



<sup>a</sup>Surrey ICB has been put under London – by some allocations it would be under South East

Crude rates for the combined 2016–2021 analysis are pmp per year

Only the  $\geq 18$  years general population was included in the denominator

Areas with notably low incidence ratios in the combined years analysis are italicised in greyed areas; those with notably high incidence ratios are bold in greyed 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-2021 estimates from the 2021 census for England, Scotland and Wales, and mid-2020 estimates projected from the 2011 census from Northern Ireland

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. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for 2021

**Table B6** Crude adult prevalence rates of KRT and age/sex standardised prevalence ratios (2016–2021)

ICS/HB	Population 18+	O/E					2021			Crude rate pmp
		2016	2017	2018	2019	2020	O/E	95% LCL	95% UCL	
NORTH EAST AND YORKSHIRE										
<i>NHS Humber and North Yorkshire ICB</i>	1,373,700	0.90	0.89	0.89	0.88	0.88	0.87	0.83	0.92	1,212
<i>NHS North East and North Cumbria ICB</i>	2,384,800	0.90	0.91	0.91	0.91	0.90	0.89	0.86	0.93	1,217
<i>NHS South Yorkshire ICB</i>	1,091,100	1.06	1.05	1.05	1.03	1.02	1.00	0.95	1.06	1,301
<b>NHS West Yorkshire ICB</b>	<b>1,862,300</b>	<b>1.00</b>	<b>1.02</b>	<b>1.02</b>	<b>1.04</b>	<b>1.04</b>	<b>1.04</b>	<b>1.00</b>	<b>1.09</b>	<b>1,325</b>
NORTH WEST										
<i>NHS Cheshire and Merseyside ICB</i>	2,021,300	0.87	0.87	0.86	0.85	0.83	0.83	0.79	0.86	1,106
<i>NHS Greater Manchester ICB</i>	2,214,700	0.99	1.02	1.02	1.01	1.01	1.00	0.96	1.04	1,248
<i>NHS Lancashire and South Cumbria ICB</i>	1,367,700	0.90	0.90	0.91	0.90	0.89	0.89	0.85	0.93	1,212
MIDLANDS										
<b>NHS Birmingham and Solihull ICB</b>	<b>1,023,800</b>	<b>1.46</b>	<b>1.45</b>	<b>1.46</b>	<b>1.47</b>	<b>1.45</b>	<b>1.47</b>	<b>1.40</b>	<b>1.54</b>	<b>1,753</b>
<b>NHS Black Country ICB</b>	<b>929,200</b>	<b>1.22</b>	<b>1.24</b>	<b>1.24</b>	<b>1.22</b>	<b>1.24</b>	<b>1.26</b>	<b>1.20</b>	<b>1.32</b>	<b>1,620</b>
<b>NHS Coventry and Warwickshire ICB</b>	<b>746,000</b>	<b>1.04</b>	<b>1.00</b>	<b>0.97</b>	<b>1.05</b>	<b>1.09</b>	<b>1.10</b>	<b>1.03</b>	<b>1.17</b>	<b>1,416</b>
<i>NHS Derby and Derbyshire ICB</i>	847,400	0.90	0.89	0.89	0.90	0.91	0.92	0.86	0.97	1,256
<i>NHS Herefordshire and Worcestershire ICB</i>	640,800	0.86	0.88	0.86	0.87	0.86	0.83	0.77	0.89	1,172
<i>NHS Leicester, Leicestershire and Rutland ICB</i>	884,500	1.07	1.07	1.07	1.09	1.10	1.06	1.00	1.12	1,360
<i>NHS Lincolnshire ICB</i>	625,500	0.79	0.78	0.77	0.79	0.80	0.81	0.75	0.87	1,142
<i>NHS Northamptonshire ICB</i>	614,700	0.89	0.88	0.90	0.90	0.92	0.91	0.84	0.97	1,189
<i>NHS Nottingham and Nottinghamshire ICB</i>	916,100	0.98	0.97	0.96	0.95	0.94	0.93	0.88	0.99	1,202
<i>NHS Shropshire, Telford and Wrekin ICB</i>	411,000	0.86	0.88	0.90	0.91	0.87	0.89	0.81	0.97	1,246
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	909,400	0.94	0.90	0.89	0.86	0.87	0.89	0.84	0.95	1,224
EAST OF ENGLAND										
<b>NHS Bedfordshire, Luton and Milton Keynes ICB</b>	<b>765,300</b>	<b>1.02</b>	<b>0.99</b>	<b>1.01</b>	<b>1.02</b>	<b>1.05</b>	<b>1.08</b>	<b>1.01</b>	<b>1.14</b>	<b>1,355</b>
<i>NHS Cambridgeshire and Peterborough ICB</i>	724,600	0.88	0.87	0.88	0.90	0.91	0.93	0.87	0.99	1,183
<i>NHS Hertfordshire and West Essex ICB</i>	1,165,900	0.93	0.93	0.92	0.92	0.93	0.93	0.88	0.98	1,213
<i>NHS Mid and South Essex ICB</i>	943,200	0.91	0.93	0.93	0.94	0.95	0.96	0.91	1.02	1,285
<i>NHS Norfolk and Waveney ICB</i>	846,600	0.94	0.90	0.87	0.87	0.86	0.86	0.81	0.92	1,215
<i>NHS Suffolk and North East Essex ICB</i>	794,200	0.88	0.87	0.86	0.85	0.87	0.88	0.82	0.93	1,216
LONDON										
<b>NHS North East London ICB</b>	<b>1,537,100</b>	<b>1.40</b>	<b>1.44</b>	<b>1.48</b>	<b>1.49</b>	<b>1.52</b>	<b>1.54</b>	<b>1.48</b>	<b>1.60</b>	<b>1,669</b>
<b>NHS North Central London ICB</b>	<b>1,111,700</b>	<b>1.43</b>	<b>1.39</b>	<b>1.39</b>	<b>1.43</b>	<b>1.40</b>	<b>1.41</b>	<b>1.35</b>	<b>1.48</b>	<b>1,621</b>
<b>NHS North West London ICB</b>	<b>1,658,800</b>	<b>1.58</b>	<b>1.58</b>	<b>1.59</b>	<b>1.60</b>	<b>1.57</b>	<b>1.59</b>	<b>1.54</b>	<b>1.65</b>	<b>1,852</b>
<b>NHS South East London ICB</b>	<b>1,419,700</b>	<b>1.45</b>	<b>1.46</b>	<b>1.49</b>	<b>1.52</b>	<b>1.53</b>	<b>1.57</b>	<b>1.51</b>	<b>1.63</b>	<b>1,793</b>
<b>NHS South West London ICB</b>	<b>1,181,100</b>	<b>1.21</b>	<b>1.19</b>	<b>1.19</b>	<b>1.19</b>	<b>1.23</b>	<b>1.25</b>	<b>1.19</b>	<b>1.31</b>	<b>1,487</b>
<i>NHS Surrey Heartlands ICB<sup>a</sup></i>	827,600	0.85	0.84	0.82	0.80	0.80	0.81	0.76	0.87	1,084
SOUTH EAST										
<i>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</i>	1,401,500	0.88	0.90	0.90	0.91	0.92	0.91	0.87	0.96	1,181
<i>NHS Frimley ICB</i>	593,200	1.03	1.05	1.06	1.07	1.06	1.07	1.00	1.14	1,362
<i>NHS Hampshire and Isle of Wight ICB</i>	1,467,400	0.81	0.82	0.82	0.84	0.84	0.85	0.81	0.89	1,135

**Table B6** Continued

ICS/HB	Population 18+	O/E					2021			Crude rate pmp
		2016	2017	2018	2019	2020	O/E	95% LCL	95% UCL	
<i>NHS Kent and Medway ICB</i>	1,457,100	0.94	0.93	0.92	0.92	0.91	0.93	0.88	0.97	1,244
<i>NHS Sussex ICB</i>	1,378,300	0.84	0.83	0.83	0.83	0.82	0.82	0.78	0.86	1,125
<b>SOUTH WEST</b>										
<i>NHS Bath and North East Somerset, Swindon and Wiltshire ICB</i>	753,200	0.81	0.81	0.80	0.81	0.84	0.83	0.77	0.88	1,105
<i>NHS Bristol, North Somerset and South Gloucestershire ICB</i>	785,400	0.99	0.98	0.96	0.94	0.93	0.93	0.87	0.99	1,137
<i>NHS Cornwall and the Isles of Scilly ICB</i>	469,000	0.93	0.93	0.92	0.91	0.90	0.90	0.83	0.98	1,305
<i>NHS Devon ICB</i>	995,800	0.95	0.94	0.93	0.89	0.92	0.88	0.83	0.93	1,227
<i>NHS Dorset ICB</i>	642,000	0.80	0.80	0.81	0.81	0.81	0.79	0.73	0.85	1,115
<i>NHS Gloucestershire ICB</i>	519,100	0.90	0.93	0.94	0.90	0.87	0.87	0.80	0.94	1,198
<i>NHS Somerset ICB</i>	463,300	0.83	0.82	0.81	0.82	0.81	0.81	0.74	0.88	1,166
<b>N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)</b>										
<b>Belfast HSC Trust</b>	<b>281,700</b>	<b>1.17</b>	<b>1.14</b>	<b>1.19</b>	<b>1.16</b>	<b>1.16</b>	<b>1.13</b>	<b>1.02</b>	<b>1.25</b>	<b>1,359</b>
Northern HSC Trust	370,900	0.99	0.99	1.03	1.04	1.05	1.05	0.96	1.14	1,386
South Eastern HSC Trust	282,500	0.96	1.00	0.99	0.96	0.99	1.04	0.94	1.15	1,402
Southern HSC Trust	289,200	1.01	0.99	1.00	0.99	1.01	1.01	0.91	1.11	1,286
Western HSC Trust	230,100	1.11	1.07	1.08	1.05	1.10	1.09	0.98	1.22	1,430
<b>SCOTLAND</b>										
Ayrshire and Arran	300,900	1.02	1.02	0.98	0.97	1.01	0.97	0.88	1.07	1,383
<i>Borders</i>	<i>94,800</i>	<i>0.84</i>	<i>0.85</i>	<i>0.84</i>	<i>0.84</i>	<i>0.80</i>	<i>0.76</i>	<i>0.63</i>	<i>0.92</i>	<i>1,139</i>
Dumfries and Galloway	122,800	0.85	0.86	0.88	0.88	0.90	0.87	0.75	1.02	1,295
<i>Fife</i>	<i>303,000</i>	<i>0.89</i>	<i>0.88</i>	<i>0.86</i>	<i>0.87</i>	<i>0.86</i>	<i>0.88</i>	<i>0.79</i>	<i>0.98</i>	<i>1,205</i>
<i>Forth Valley</i>	<i>247,500</i>	<i>0.84</i>	<i>0.83</i>	<i>0.89</i>	<i>0.87</i>	<i>0.88</i>	<i>0.87</i>	<i>0.77</i>	<i>0.97</i>	<i>1,176</i>
<i>Grampian</i>	<i>474,400</i>	<i>0.93</i>	<i>0.91</i>	<i>0.89</i>	<i>0.86</i>	<i>0.86</i>	<i>0.86</i>	<i>0.79</i>	<i>0.94</i>	<i>1,149</i>
Greater Glasgow and Clyde	965,000	1.07	1.06	1.05	1.05	1.04	1.03	0.97	1.09	1,275
<i>Highland</i>	<i>266,800</i>	<i>0.87</i>	<i>0.86</i>	<i>0.90</i>	<i>0.90</i>	<i>0.86</i>	<i>0.85</i>	<i>0.76</i>	<i>0.95</i>	<i>1,226</i>
Lanarkshire	531,800	0.97	0.98	0.98	1.01	0.98	0.97	0.90	1.04	1,303
<i>Lothian</i>	<i>746,700</i>	<i>0.77</i>	<i>0.78</i>	<i>0.80</i>	<i>0.79</i>	<i>0.78</i>	<i>0.79</i>	<i>0.74</i>	<i>0.85</i>	<i>982</i>
Orkney	18,500	0.57	0.55	0.50	0.52	0.63	0.77	0.50	1.18	1,133
Shetland	18,300	0.69	0.66	0.69	0.63	0.59	0.69	0.44	1.10	983
<i>Tayside</i>	<i>342,400</i>	<i>0.95</i>	<i>0.95</i>	<i>0.93</i>	<i>0.91</i>	<i>0.89</i>	<i>0.87</i>	<i>0.79</i>	<i>0.96</i>	<i>1,174</i>
Western Isles	22,000	0.94	1.01	1.01	0.92	0.98	0.91	0.63	1.30	1,363
<b>WALES (LOCAL HEALTH BOARDS)</b>										
Aneurin Bevan University Health Board	466,900	1.07	1.07	1.07	1.07	1.02	1.01	0.94	1.10	1,382
<i>Betsi Cadwaladr University Health Board</i>	<i>553,300</i>	<i>0.94</i>	<i>0.93</i>	<i>0.94</i>	<i>0.92</i>	<i>0.94</i>	<i>0.90</i>	<i>0.84</i>	<i>0.97</i>	<i>1,278</i>
Cardiff and Vale University Health Board	390,700	1.01	1.03	1.04	1.05	1.04	1.03	0.94	1.12	1,244
<b>Cwm Taf Morgannwg University Health Board</b>	<b>351,200</b>	<b>1.11</b>	<b>1.14</b>	<b>1.13</b>	<b>1.11</b>	<b>1.08</b>	<b>1.10</b>	<b>1.01</b>	<b>1.20</b>	<b>1,486</b>
Hywel Dda University Health Board	311,000	0.96	0.96	0.96	0.98	0.95	0.94	0.86	1.04	1,364
<i>Powys Teaching Health Board</i>	<i>110,100</i>	<i>0.88</i>	<i>0.90</i>	<i>0.92</i>	<i>0.87</i>	<i>0.86</i>	<i>0.77</i>	<i>0.65</i>	<i>0.92</i>	<i>1,163</i>
Swansea Bay University Health Board	305,800	1.18	1.14	1.13	1.11	1.08	1.07	0.97	1.17	1,419

<sup>a</sup>Surrey Heartlands Health and Care Partnership has been put under London – by some allocations it would be under South East

Only the  $\geq 18$  years general population was included in the denominator

Areas with notably low prevalence ratios in 2021 are italicised in greyed areas; those with notably high prevalence ratios are bold in greyed 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-2021 estimates from the 2021 census for England, Scotland and Wales, and mid-2020 estimates projected from the 2011 census from Northern Ireland

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. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for 2021

**Table B7** Crude adult prevalent Tx rates and age/sex standardised prevalent Tx ratios (2016–2021)

ICS/HB	Population 18+	O/E					2021			Crude rate pmp
		2016	2017	2018	2019	2020	O/E	95% LCL	95% UCL	
<b>NORTH EAST AND YORKSHIRE</b>										
<i>NHS Humber and North Yorkshire ICB</i>	1,373,700	0.99	0.97	0.96	0.94	0.92	0.92	0.87	0.98	708
NHS North East and North Cumbria ICB	2,384,800	0.99	0.98	0.97	0.96	0.97	0.96	0.92	1.01	730
NHS South Yorkshire ICB	1,091,100	0.98	0.97	0.97	0.97	0.95	0.94	0.88	1.01	689
<b>NHS West Yorkshire ICB</b>	<b>1,862,300</b>	<b>1.08</b>	<b>1.06</b>	<b>1.08</b>	<b>1.08</b>	<b>1.10</b>	<b>1.10</b>	<b>1.05</b>	<b>1.16</b>	<b>800</b>
<b>NORTH WEST</b>										
<i>NHS Cheshire and Merseyside ICB</i>	2,021,300	0.88	0.87	0.86	0.84	0.82	0.82	0.78	0.87	615
NHS Greater Manchester ICB	2,214,700	1.05	1.06	1.05	1.04	1.02	1.04	0.99	1.09	742
NHS Lancashire and South Cumbria ICB	1,367,700	0.96	0.98	0.99	0.97	0.96	0.97	0.91	1.03	738
<b>MIDLANDS</b>										
<b>NHS Birmingham and Solihull ICB</b>	<b>1,023,800</b>	<b>1.03</b>	<b>1.06</b>	<b>1.06</b>	<b>1.07</b>	<b>1.06</b>	<b>1.08</b>	<b>1.01</b>	<b>1.16</b>	<b>743</b>
NHS Black Country ICB	929,200	0.93	0.94	0.96	0.97	0.98	0.97	0.90	1.05	710
<b>NHS Coventry and Warwickshire ICB</b>	<b>746,000</b>	<b>1.01</b>	<b>1.02</b>	<b>1.03</b>	<b>1.06</b>	<b>1.10</b>	<b>1.10</b>	<b>1.02</b>	<b>1.19</b>	<b>798</b>
<i>NHS Derby and Derbyshire ICB</i>	847,400	0.90	0.90	0.91	0.90	0.87	0.84	0.78	0.92	646
<i>NHS Herefordshire and Worcestershire ICB</i>	640,800	0.81	0.82	0.81	0.81	0.78	0.75	0.68	0.83	585
<b>NHS Leicester, Leicestershire and Rutland ICB</b>	<b>884,500</b>	<b>1.14</b>	<b>1.12</b>	<b>1.13</b>	<b>1.18</b>	<b>1.20</b>	<b>1.14</b>	<b>1.06</b>	<b>1.22</b>	<b>828</b>
<i>NHS Lincolnshire ICB</i>	625,500	0.84	0.82	0.81	0.81	0.82	0.77	0.70	0.86	595
<i>NHS Northamptonshire ICB</i>	614,700	0.96	0.95	0.93	0.90	0.91	0.90	0.81	0.99	672
<i>NHS Nottingham and Nottinghamshire ICB</i>	916,100	0.96	0.98	0.97	0.95	0.94	0.92	0.85	1.00	666
<i>NHS Shropshire, Telford and Wrekin ICB</i>	411,000	0.74	0.76	0.71	0.71	0.71	0.72	0.64	0.82	560
<i>NHS Staffordshire and Stoke-on-Trent ICB</i>	909,400	0.87	0.85	0.85	0.85	0.83	0.84	0.78	0.92	643
<b>EAST OF ENGLAND</b>										
<b>NHS Bedfordshire, Luton and Milton Keynes ICB</b>	<b>765,300</b>	<b>1.02</b>	<b>1.06</b>	<b>1.04</b>	<b>1.07</b>	<b>1.10</b>	<b>1.12</b>	<b>1.03</b>	<b>1.21</b>	<b>817</b>
NHS Cambridgeshire and Peterborough ICB	724,600	0.93	0.91	0.90	0.94	0.99	1.00	0.92	1.09	723
NHS Hertfordshire and West Essex ICB	1,165,900	0.97	1.00	0.99	0.99	1.00	1.00	0.94	1.07	745
NHS Mid and South Essex ICB	943,200	0.89	0.90	0.91	0.91	0.92	0.94	0.87	1.01	702
<i>NHS Norfolk and Waveney ICB</i>	846,600	1.01	0.99	0.99	0.95	0.95	0.92	0.85	1.00	703
NHS Suffolk and North East Essex ICB	794,200	0.94	0.91	0.90	0.89	0.92	0.93	0.85	1.01	701
<b>LONDON</b>										
<b>NHS North East London ICB</b>	<b>1,537,100</b>	<b>1.05</b>	<b>1.07</b>	<b>1.11</b>	<b>1.19</b>	<b>1.19</b>	<b>1.20</b>	<b>1.14</b>	<b>1.27</b>	<b>787</b>
<b>NHS North Central London ICB</b>	<b>1,111,700</b>	<b>1.30</b>	<b>1.31</b>	<b>1.28</b>	<b>1.30</b>	<b>1.30</b>	<b>1.34</b>	<b>1.26</b>	<b>1.42</b>	<b>911</b>
<b>NHS North West London ICB</b>	<b>1,658,800</b>	<b>1.32</b>	<b>1.33</b>	<b>1.36</b>	<b>1.38</b>	<b>1.40</b>	<b>1.43</b>	<b>1.37</b>	<b>1.50</b>	<b>987</b>
<b>NHS South East London ICB</b>	<b>1,419,700</b>	<b>1.19</b>	<b>1.19</b>	<b>1.21</b>	<b>1.26</b>	<b>1.24</b>	<b>1.24</b>	<b>1.17</b>	<b>1.31</b>	<b>842</b>
NHS South West London ICB	1,181,100	0.98	1.00	1.00	1.03	1.02	1.05	0.98	1.12	736
<i>NHS Surrey Heartlands ICB<sup>a</sup></i>	827,600	0.84	0.83	0.83	0.81	0.82	0.82	0.75	0.90	617
<b>SOUTH EAST</b>										
<b>NHS Buckinghamshire, Oxfordshire and Berkshire West ICB</b>	<b>1,401,500</b>	<b>1.05</b>	<b>1.07</b>	<b>1.07</b>	<b>1.08</b>	<b>1.09</b>	<b>1.10</b>	<b>1.04</b>	<b>1.17</b>	<b>811</b>
<b>NHS Frimley ICB</b>	<b>593,200</b>	<b>1.12</b>	<b>1.12</b>	<b>1.12</b>	<b>1.11</b>	<b>1.11</b>	<b>1.12</b>	<b>1.03</b>	<b>1.23</b>	<b>824</b>
<i>NHS Hampshire and Isle of Wight ICB</i>	1,467,400	0.91	0.93	0.90	0.90	0.88	0.88	0.82	0.93	652

**Table B7** Continued

ICS/HB	Population 18+	O/E					2021			Crude rate pmp
		2016	2017	2018	2019	2020	O/E	95% LCL	95% UCL	
NHS Kent and Medway ICB	1,457,100	1.02	0.99	0.99	0.98	0.95	0.95	0.89	1.01	712
<i>NHS Sussex ICB</i>	<i>1,378,300</i>	<i>0.84</i>	<i>0.84</i>	<i>0.84</i>	<i>0.85</i>	<i>0.83</i>	<i>0.83</i>	<i>0.78</i>	<i>0.89</i>	<i>629</i>
SOUTH WEST										
NHS Bath and North East Somerset, Swindon and Wiltshire ICB	753,200	0.91	0.93	0.93	0.92	0.94	0.93	0.86	1.02	700
NHS Bristol, North Somerset and South Gloucestershire ICB	785,400	1.03	1.00	0.99	0.96	0.94	0.94	0.86	1.02	652
NHS Cornwall and the Isles of Scilly ICB	469,000	1.07	1.06	1.03	1.02	1.00	0.94	0.85	1.05	740
<i>NHS Devon ICB</i>	<i>995,800</i>	<i>1.01</i>	<i>0.98</i>	<i>0.98</i>	<i>0.94</i>	<i>0.94</i>	<i>0.92</i>	<i>0.85</i>	<i>0.99</i>	<i>697</i>
<i>NHS Dorset ICB</i>	<i>642,000</i>	<i>0.90</i>	<i>0.88</i>	<i>0.89</i>	<i>0.89</i>	<i>0.89</i>	<i>0.88</i>	<i>0.80</i>	<i>0.96</i>	<i>668</i>
NHS Gloucestershire ICB	519,100	0.87	0.91	0.96	0.95	0.93	0.92	0.83	1.02	705
<i>NHS Somerset ICB</i>	<i>463,300</i>	<i>0.85</i>	<i>0.83</i>	<i>0.83</i>	<i>0.81</i>	<i>0.81</i>	<i>0.81</i>	<i>0.72</i>	<i>0.91</i>	<i>632</i>
N IRELAND (HEALTH AND SOCIAL CARE TRUSTS)										
<b>Belfast HSC Trust</b>	<b>281,700</b>	<b>1.20</b>	<b>1.21</b>	<b>1.28</b>	<b>1.29</b>	<b>1.35</b>	<b>1.38</b>	<b>1.23</b>	<b>1.56</b>	<b>958</b>
<b>Northern HSC Trust</b>	<b>370,900</b>	<b>1.03</b>	<b>1.09</b>	<b>1.11</b>	<b>1.14</b>	<b>1.23</b>	<b>1.26</b>	<b>1.14</b>	<b>1.40</b>	<b>949</b>
<b>South Eastern HSC Trust</b>	<b>282,500</b>	<b>1.09</b>	<b>1.12</b>	<b>1.14</b>	<b>1.16</b>	<b>1.25</b>	<b>1.23</b>	<b>1.09</b>	<b>1.39</b>	<b>935</b>
<b>Southern HSC Trust</b>	<b>289,200</b>	<b>1.17</b>	<b>1.18</b>	<b>1.19</b>	<b>1.19</b>	<b>1.25</b>	<b>1.26</b>	<b>1.11</b>	<b>1.42</b>	<b>927</b>
<b>Western HSC Trust</b>	<b>230,100</b>	<b>1.21</b>	<b>1.26</b>	<b>1.29</b>	<b>1.24</b>	<b>1.30</b>	<b>1.34</b>	<b>1.18</b>	<b>1.53</b>	<b>1,008</b>
SCOTLAND										
Ayrshire and Arran	300,900	1.04	1.02	1.00	0.97	0.97	0.93	0.82	1.06	731
Borders	94,800	1.04	1.01	1.05	0.99	0.97	0.91	0.72	1.15	738
Dumfries and Galloway	122,800	0.94	0.97	0.98	0.99	0.98	1.01	0.83	1.23	814
<i>Fife</i>	<i>303,000</i>	<i>0.80</i>	<i>0.82</i>	<i>0.83</i>	<i>0.84</i>	<i>0.85</i>	<i>0.81</i>	<i>0.70</i>	<i>0.94</i>	<i>620</i>
Forth Valley	247,500	0.96	0.95	0.94	0.94	1.01	1.01	0.88	1.16	772
Grampian	474,400	0.91	0.89	0.92	0.92	0.94	0.98	0.89	1.09	742
<b>Greater Glasgow and Clyde</b>	<b>965,000</b>	<b>1.13</b>	<b>1.14</b>	<b>1.13</b>	<b>1.15</b>	<b>1.16</b>	<b>1.14</b>	<b>1.07</b>	<b>1.23</b>	<b>819</b>
Highland	266,800	1.03	1.03	1.02	1.02	1.02	0.99	0.87	1.14	791
Lanarkshire	531,800	1.06	1.09	1.07	1.10	1.08	1.07	0.98	1.18	824
<i>Lothian</i>	<i>746,700</i>	<i>0.77</i>	<i>0.78</i>	<i>0.82</i>	<i>0.80</i>	<i>0.82</i>	<i>0.85</i>	<i>0.78</i>	<i>0.93</i>	<i>605</i>
Orkney	18,500	0.47	0.53	0.50	0.75	0.75	0.81	0.46	1.42	647
Shetland	18,300	0.64	0.46	0.44	0.56	0.42	0.48	0.23	1.02	382
Tayside	342,400	0.94	0.92	0.95	0.93	0.93	0.93	0.82	1.05	695
Western Isles	22,000	0.85	0.93	0.89	0.91	0.96	0.95	0.59	1.52	772
WALES (LOCAL HEALTH BOARDS)										
Aneurin Bevan University Health Board	466,900	1.17	1.10	1.10	1.08	1.04	1.05	0.95	1.16	799
Betsi Cadwaladr University Health Board	553,300	0.93	0.93	0.94	0.93	0.92	0.91	0.82	1.00	707
Cardiff and Vale University Health Board	390,700	1.13	1.11	1.10	1.08	1.08	1.09	0.97	1.22	752
<b>Cwm Taf Morgannwg University Health Board</b>	<b>351,200</b>	<b>1.28</b>	<b>1.24</b>	<b>1.21</b>	<b>1.18</b>	<b>1.19</b>	<b>1.14</b>	<b>1.02</b>	<b>1.28</b>	<b>863</b>
Hywel Dda University Health Board	311,000	0.96	0.91	0.90	0.89	0.87	0.88	0.77	1.01	688
<i>Powys Teaching Health Board</i>	<i>110,100</i>	<i>0.83</i>	<i>0.80</i>	<i>0.77</i>	<i>0.78</i>	<i>0.76</i>	<i>0.70</i>	<i>0.54</i>	<i>0.89</i>	<i>563</i>
Swansea Bay University Health Board	305,800	1.16	1.13	1.06	1.00	0.95	0.93	0.81	1.06	687

<sup>a</sup>Surrey Heartlands Health and Care Partnership has been put under London – by some allocations it would be under South East

Only the  $\geq 18$  years general population was included in the denominator

Areas with notably low prevalence ratios in 2021 are italicised in greyed areas; those with notably high prevalence ratios are bold in greyed 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-2021 estimates from the 2021 census for England, Scotland and Wales, and mid-2020 estimates projected from the 2011 census from Northern Ireland

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. The ICB/HB and age/sex group breakdown of their 2019 patients was used as an estimate for 2021