



UK Kidney Association
UK Renal Registry

COVID-19 surveillance report for renal centres in the UK

**All regions and centres –
1 September 2020 to 22 December 2021**

ABOUT THIS REPORT

These reports are produced by the UK Renal Registry (UKRR) using data submitted by renal centres in response to the COVID-19 pandemic. The first report was circulated on Friday 27 March 2020. The UKRR produced a summary report of the first wave (1 March to 31 August 2020) on 4 December 2020. Reports from December 2020 onwards only include data from the second wave, i.e. 1 September 2020 onwards.

The reports are primarily about adults aged ≥ 18 years, as well as young adults aged 16–18 years, if they are under the care of an adult renal centre. However, also reported in the key points are aggregate data submitted by paediatric renal centres.

The data collected are deliberately limited so as not to add significantly to the burden of work in renal centres.

DEFINITIONS

A renal patient with COVID-19 is:

- an individual who has a positive laboratory result for SARS-COV-2.

This definition was updated for the report on 28 October 2020 to reflect changes and variability in COVID-19 testing strategies across renal centres.

A renal patient whose death is attributed to COVID-19 is:

- an individual who died within 28 days of a positive laboratory result for SARS-COV-2.

This definition was updated for the report on 26 August 2020 following the introduction of the new UK-wide methodology to record COVID-19 deaths.

SUGGESTED CITATION & DISCLAIMER

UK Renal Registry (2021) COVID-19 surveillance report for renal centres in the UK: All regions and centres. The UK Kidney Association, Bristol, UK.

Publications based on the data presented in this report must include the citation detailed above and the following disclaimer:

The data reported here have been supplied by the UK Renal Registry (UKRR) of The UK Kidney Association. The interpretation and reporting of these data are the responsibility of the authors and in no way should be seen as an official policy or interpretation of the UKRR or The UK Kidney Association.

CONTACT US

For more information about this report or the UKRR, please email us at ukrr.data@nhs.net

KEY POINTS

For the week ending **Wednesday 22 December 2021**:

- **adult renal centres** – 40 of the 51 centres in England, 3 of the 5 centres in Northern Ireland and 4 of the 5 centres in Wales submitted COVID-19 data to the UK Renal Registry (UKRR).
- **paediatric renal centres** – 5 of the 13 centres in England, Northern Ireland, Scotland and Wales submitted COVID-19 data to the UKRR.

The most recent 10 weeks of the pandemic in adult renal centres (CKD and RRT patients)

After the peak in new COVID-19 cases around mid-January 2021, the general trend has been downwards until May 2021 when cases started to show a slight increase. Since July 2021 the trend in the number of cases has continued to rise and in the last few weeks the rise in positive cases has accelerated.

In adult renal centres in England:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19 was 183
- from 1 September 2020 to 22 December 2021 the cumulative number of laboratory-confirmed cases of COVID-19 was 11,138
- in the last week (Thurs–Wed) the number of new deaths attributed to COVID-19 was 19
- from 1 September 2020 to 22 December 2021 the cumulative number of deaths attributed to COVID-19 was 2,219.

In adult renal centres in Northern Ireland:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19 was 1
- from 1 September 2020 to 22 December 2021 the cumulative number of laboratory-confirmed cases of COVID-19 was 314
- in the last week (Thurs–Wed) the number of new deaths attributed to COVID-19 was 0
- from 1 September 2020 to 22 December 2021 the cumulative number of deaths attributed to COVID-19 was 30.

In adult renal centres in Wales:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19 was 19
- from 1 September 2020 to 22 December 2021 the cumulative number of laboratory-confirmed cases of COVID-19 was 1,102
- in the last week (Thurs–Wed) the number of new deaths attributed to COVID-19 was 2
- from 1 September 2020 to 22 December 2021 the cumulative number of deaths attributed to COVID-19 was 223.

The course of the second wave of the pandemic in adult renal centres (CKD and RRT patients)

Figure 1 shows the cumulative number of laboratory-confirmed COVID-19 cases from 1 September 2020 to 22 December 2021 in adult renal centres in England, Northern Ireland and Wales. At the start of the second wave of the pandemic, in all three countries, the number of cases climbed steeply until the middle of November 2020 when they started to plateau in England and Northern Ireland. Cases in Wales steadied in the second half of December 2020, while England experienced another steep increase from the end of December 2020 until the middle of January 2021. Numbers of new cases then decreased steadily in all three countries and curves plateaued until June 2021 when numbers started to increase slowly in England and more recently in Northern Ireland and Wales. This increase in COVID-19 cases accelerated in July 2021 and is continuing in most of regions.

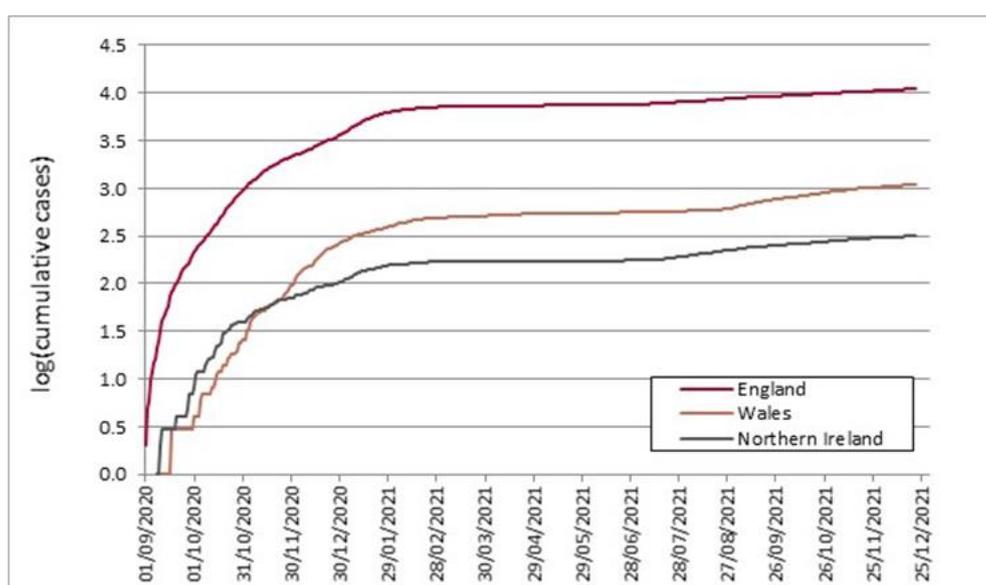


Figure 1 Log cumulative counts of laboratory-confirmed COVID-19 cases in CKD and RRT patients between 1 September 2020 and 22 December 2021 in adult renal centres in England, Northern Ireland and Wales

In paediatric renal centres in England, Northern Ireland, Scotland and Wales:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19 was 1
- from 1 September 2020 to 22 December 2021 the cumulative number of laboratory-confirmed cases of COVID-19 was 253
- From 1 September 2020 to 22 December 2021 there has been 2 deaths attributed to COVID-19, with both children having significant underlying health conditions.

SURVEILLANCE

ALL REGIONS AND ADULT CENTRES IN ENGLAND, NORTHERN IRELAND, SCOTLAND AND WALES

Table 1 Number of new and cumulative reported laboratory-confirmed COVID-19 cases in CKD and RRT patients within the last 7 days (Thursday 16 December to Wednesday 22 December 2021) and from 1 September 2020 to Wednesday 22 December 2021 in adult renal centres in England, Northern Ireland and Wales, by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
EAST OF ENGLAND	4,660	0	0	3	5	0	8	14	26	7.6	417	23.2	101	4.0	0	558
Basildon	322							1	4	13.3	51	27.1	0	0.0	0	56
Cambridge	1,469	0	0	0	3	0	3	9	1	1.7	44	15.3	51	4.5	0	105
Chelmsford	261							0	0	0.0	28	24.6	1	0.9	0	29
Colchester	145							0	0	0.0	30	20.7	0	0.0	0	30
Ipswich	424							0	3	6.5	24	17.0	1	0.4	0	28
Norwich	809	0	0	1	2	0	3	0	10	16.4	68	22.9	44	9.8	0	122
Southend	264							0	4	10.0	54	45.8	4	3.8	0	62
Stevenage	966	0	0	2	0	0	2	4	4	5.4	118	23.3	0	0.0	0	126
KENT, SURREY & SUSSEX	2,199	0	0	0	1	0	1	143	24	15.3	212	24.9	109	9.1	0	488
Brighton	1,059							128	10	11.5	92	21.4	40	7.4	0	270
Kent	1,140	0	0	0	1	0	1	15	14	20.0	120	28.6	69	10.6	0	218
LONDON	14,794	6	4	85	16	0	111	314	125	12.8	1,711	30.7	594	7.2	0	2,744
Carshalton	1,771	5	0	17	3	0	25	142	15	14.4	259	30.9	29	3.5	0	445
London Barts	2,660	0	0	8	2	0	10	0	35	14.2	351	33.8	122	8.9	0	508
London Guy's	2,310	1	0	17	5	0	23	57	9	9.3	184	27.6	168	10.9	0	418
London King's	1,244	0	2	9	2	0	13	28	12	10.6	216	35.6	87	16.6	0	343
London Royal Free	2,344	0	1	10	0	0	11	40	26	14.5	175	23.6	72	5.1	0	313
London St George's	852	0	1	11	1	0	13	2	5	10.0	120	40.0	21	4.2	0	148
London West	3,613	0	0	13	3	0	16	45	23	12.4	406	29.4	95	4.6	0	569
MIDLANDS EAST	4,457	8	0	8	1	0	17	867	57	14.0	359	23.0	170	6.8	0	1,453
Derby	652	3	0	0	0	0	3	287	20	16.7	45	18.9	19	6.5	0	371

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
Leicester	2,587	5	0	7	0	0	12	419	21	11.6	222	23.0	94	6.5	0	756
Nottingham	1,218	0	0	1	1	0	2	161	16	15.0	92	25.6	57	7.6	0	326
MIDLANDS WEST	6,579	3	0	8	3	0	14	672	100	13.6	706	26.3	169	5.3	0	1,647
Birmingham ¹	3,308	2	0	5	1	0	8	429	53	15.9	406	30.3	100	6.1	0	988
Coventry	1,076							99	8	7.8	58	16.4	8	1.3	0	173
Dudley	366	0	0	0	0	0	0	3	4	11.1	53	24.2	8	7.2	0	68
Shrewsbury	428	0	0	0	1	0	1	0	4	4.9	21	10.3	8	5.6	0	33
Stoke	803	1	0	1	1	0	3	58	26	26.3	75	28.1	35	8.0	0	194
Wolverhampton	598	0	0	2	0	0	2	83	5	6.2	93	30.8	10	4.7	0	191
NORTH EAST	2,995	1	0	1	0	0	2	76	16	7.8	224	21.7	72	4.1	0	388
Carlisle	303	1	0	0	0	0	1	8	3	8.3	12	10.8	6	3.8	0	29
Middlesbrough	949							19	2	3.9	81	23.5	22	4.0	0	124
Newcastle	1,175	0	0	1	0	0	1	47	4	5.1	69	21.1	26	3.4	0	146
Sunderland	568	0	0	0	0	0	0	2	7	18.4	62	24.6	18	6.5	0	89
NORTH WEST	6,486	2	1	2	2	0	7	345	70	13.2	613	29.0	155	4.0	0	1,183
Liverpool Aintree	210	0	0	1	0	0	1	0	4	12.9	62	41.1	0	0.0	0	66
Liverpool Royal	1,227	0	0	0	0	0	0	0	0	0.0	119	33.5	7	0.9	0	126
Manchester Royal	2,060	0	0	0	0	0	0	40	20	13.1	116	23.2	43	3.1	0	219
Preston	1,341							176	13	14.3	110	21.7	53	7.1	0	352
Salford	1,237	2	1	1	2	0	6	78	31	19.3	122	31.1	34	5.0	0	265
Wirral	411	0	0	0	0	0	0	51	2	8.0	84	40.6	18	10.1	0	155
SOUTH EAST	4,712	0	0	1	0	0	1	205	20	6.6	357	26.3	110	3.6	0	692
Oxford	1,969	0	0	0	0	0	0	7	5	6.1	164	36.0	59	4.1	0	235
Portsmouth	1,883							98	13	8.2	125	21.2	37	3.3	0	273
Reading	860	0	0	1	0	0	1	100	2	3.1	68	21.8	14	2.9	0	184
SOUTH WEST	4,854	3	1	3	3	0	10	254	18	5.3	303	17.6	181	6.5	0	756
Bristol	1,486	2	0	1	1	0	4	244	8	10.0	83	17.7	106	11.3	0	441
Dorset	772	0	1	0	0	0	1	3	5	10.4	65	22.5	22	5.1	0	95
Exeter	1,091	0	0	1	0	0	1	1	2	1.9	74	16.7	12	2.2	0	89
Gloucester	525							2	1	3.1	48	21.2	20	7.5	0	71
Plymouth	531	0	0	0	0	0	0	3	2	4.1	18	14.3	16	4.5	0	39
Truro	449	1	0	1	2	0	4	1	0	0.0	15	9.0	5	1.9	0	21

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
YORKSHIRE & HUMBER	5,774	2	0	7	3	0	12	402	31	8.1	515	24.7	280	8.5	1	1,229
Bradford	733	0	0	0	0	0	0	58	3	7.5	93	33.2	67	16.2	0	221
Doncaster	342	0	0	0	0	0	0	20	2	6.7	31	17.1	19	14.5	0	72
Hull	904	0	0	0	2	0	2	40	8	14.3	74	21.1	57	11.4	0	179
Leeds	1,723	0	0	4	0	0	4	131	11	11.8	147	26.6	73	6.8	1	363
Sheffield	1,491	1	0	2	0	0	3	124	4	3.4	129	23.9	52	6.2	0	309
York	581	1	0	1	1	0	3	29	3	6.1	41	22.3	12	3.4	0	85
NORTHERN IRELAND	1,931	0	1	0	0	0	1	85	7	7.7	88	15.8	134	10.4	0	314
Antrim	280	0	0	0	0	0	0	2	1	4.3	19	16.1	12	8.6	0	34
Belfast	890	0	1	0	0	0	1	54	2	6.3	23	14.6	54	7.7	0	133
Newry	251	0	0	0	0	0	0	15	1	7.7	17	21.8	33	20.6	0	66
Ulster	182							0	0	0.0	5	5.2	6	7.8	0	11
West NI	328							14	3	20.0	24	22.6	29	14.0	0	70
WALES	3,315	10	1	3	5	0	19	667	36	12.2	216	18.0	183	10.0	0	1,102
Bangor	201	0	0	0	1	0	1	33	3	10.3	20	30.3	16	15.1	0	72
Cardiff	1,730	0	0	3	3	0	6	20	6	6.2	81	14.7	94	8.7	0	201
Clwyd	205	0	0	0	0	0	0	0	1	6.7	13	15.1	3	2.9	0	17
Swansea	868	10	1	0	1	0	12	614	23	18.7	80	20.6	46	12.9	0	763
Wrexham	311							0	3	10.0	22	20.8	24	13.7	0	49
ENGLAND	57,510	25	6	118	34	0	183	3,292	487	11.1	5,417	26.1	1,941	6.0	1	11,138
NORTHERN IRELAND	1,931	0	1	0	0	0	1	85	7	7.7	88	15.8	134	10.4	0	314
WALES	3,315	10	1	3	5	0	19	667	36	12.2	216	18.0	183	10.0	0	1,102

¹Data from University Hospitals Birmingham NHS Foundation Trust (Heartlands Hospital & Queen Elizabeth Hospital).

Blank cells indicate that the renal centre did not submit data to the UKRR.

CKD – chronic kidney disease (i.e. patients with CKD not on RRT); HHD – home haemodialysis; HT – home therapies; ICHD – in-centre haemodialysis; PD – peritoneal dialysis; RRT – renal replacement therapy; TPLT – transplant; Missing – treatment modality data missing

Table 2 Number of new and cumulative reported deaths within 28 days of laboratory-confirmed COVID-19 in CKD and RRT patients within the last 7 days (Thursday 16 December to Wednesday 22 December 2021) and from 1 September 2020 to Wednesday 22 December 2021 in adult renal centres in England, Northern Ireland and Wales, by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 ¹						Number of cumulative deaths attributed to COVID-19 ¹								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
EAST OF ENGLAND	4,660	0	0	1	0	0	1	2	4	1.2	88	4.9	15	0.6	0	109
Basildon	322	0	0	1	0	0	1	0	0	0.0	6	3.2	0	0.0	0	6
Cambridge	1,469	0	0	0	0	0	0	0	0	0.0	9	3.1	7	0.6	0	16
Chelmsford	261	0	0	0	0	0	0	0	0	0.0	8	7.0	0	0.0	0	8
Colchester	145	0	0	0	0	0	0	0	0	0.0	12	8.3	0	0.0	0	12
Ipswich	424	0	0	0	0	0	0	0	0	0.0	7	5.0	0	0.0	0	7
Norwich	809	0	0	0	0	0	0	0	2	3.3	17	5.7	7	1.6	0	26
Southend	264	0	0	0	0	0	0	0	1	2.5	14	11.9	1	0.9	0	16
Stevenage	966	0	0	0	0	0	0	2	1	1.4	15	3.0	0	0.0	0	18
KENT, SURREY & SUSSEX	2,199	1	0	0	0	0	1	48	5	3.2	59	6.9	10	0.8	0	122
Brighton	1,059	1	0	0	0	0	1	42	2	2.3	19	4.4	2	0.4	0	65
Kent	1,140	0	0	0	0	0	0	6	3	4.3	40	9.5	8	1.2	0	57
LONDON	14,794	0	0	1	0	0	1	81	24	2.5	206	3.7	57	0.7	0	368
Carshalton	1,771	0	0	0	0	0	0	48	2	1.9	41	4.9	2	0.2	0	93
London Barts	2,660	0	0	0	0	0	0	0	6	2.4	41	4.0	14	1.0	0	61
London Guy's	2,310	0	0	0	0	0	0	11	1	1.0	22	3.3	10	0.6	0	44
London King's	1,244	0	0	0	0	0	0	3	1	0.9	13	2.1	10	1.9	0	27
London Royal Free	2,344	0	0	0	0	0	0	12	8	4.5	18	2.4	4	0.3	0	42
London St George's	852	0	0	1	0	0	1	1	0	0.0	20	6.7	4	0.8	0	25
London West	3,613	0	0	0	0	0	0	6	6	3.2	51	3.7	13	0.6	0	76
MIDLANDS EAST	4,457	7	0	0	0	0	7	288	15	3.7	54	3.5	36	1.4	0	393
Derby	652	5	0	0	0	0	5	98	8	6.7	4	1.7	2	0.7	0	112
Leicester	2,587	2	0	0	0	0	2	143	5	2.8	38	3.9	23	1.6	0	209
Nottingham	1,218	0	0	0	0	0	0	47	2	1.9	12	3.3	11	1.5	0	72
MIDLANDS WEST	6,579	2	0	0	1	0	3	228	21	2.9	100	3.7	33	1.0	0	382
Birmingham ²	3,308	2	0	0	0	0	2	131	14	4.2	43	3.2	17	1.0	0	205
Coventry	1,076	0	0	0	0	0	0	39	0	0.0	15	4.2	1	0.2	0	55
Dudley	366	0	0	0	0	0	0	1	0	0.0	12	5.5	0	0.0	0	13

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 ¹						Number of cumulative deaths attributed to COVID-19 ¹								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
Shrewsbury	428	0	0	0	0	0	0	0	0.0	2	1.0	1	0.7	0	3	
Stoke	803	0	0	0	1	0	1	24	5	5.1	18	6.7	11	2.5	0	58
Wolverhampton	598	0	0	0	0	0	0	33	2	2.5	10	3.3	3	1.4	0	48
NORTH EAST	2,995	0	0	0	0	0	0	11	3	1.5	31	3.0	15	0.9	0	60
Carlisle	303	0	0	0	0	0	0	1	1	2.8	4	3.6	1	0.6	0	7
Middlesbrough	949	0	0	0	0	0	0	1	0	0.0	11	3.2	5	0.9	0	17
Newcastle	1,175	0	0	0	0	0	0	9	1	1.3	6	1.8	3	0.4	0	19
Sunderland	568	0	0	0	0	0	0	0	1	2.6	10	4.0	6	2.2	0	17
NORTH WEST	6,486	0	1	0	1	0	2	129	11	2.1	111	5.3	25	0.7	0	276
Liverpool Aintree	210	0	0	0	0	0	0	0	0	0.0	9	6.0	0	0.0	0	9
Liverpool Royal	1,227	0	0	0	0	0	0	0	0	0.0	16	4.5	0	0.0	0	16
Manchester Royal	2,060	0	0	0	0	0	0	7	5	3.3	28	5.6	7	0.5	0	47
Preston	1,341	0	0	0	0	0	0	81	1	1.1	23	4.5	9	1.2	0	114
Salford	1,237	0	0	0	1	0	1	21	4	2.5	13	3.3	8	1.2	0	46
Wirral	411	0	1	0	0	0	1	20	1	4.0	22	10.6	1	0.6	0	44
SOUTH EAST	4,712	0	0	0	1	0	1	45	0	0.0	53	3.9	10	0.3	0	108
Oxford	1,969	0	0	0	1	0	1	3	0	0.0	23	5.1	5	0.3	0	31
Portsmouth	1,883	0	0	0	0	0	0	18	0	0.0	18	3.0	4	0.4	0	40
Reading	860	0	0	0	0	0	0	24	0	0.0	12	3.8	1	0.2	0	37
SOUTH WEST	4,854	1	0	0	0	0	1	69	2	0.6	44	2.6	19	0.7	0	134
Bristol	1,486	1	0	0	0	0	1	67	0	0.0	13	2.8	10	1.1	0	90
Dorset	772	0	0	0	0	0	0	1	1	2.1	10	3.5	3	0.7	0	15
Exeter	1,091	0	0	0	0	0	0	0	1	1.0	11	2.5	0	0.0	0	12
Gloucester	525	0	0	0	0	0	0	1	0	0.0	7	3.1	4	1.5	0	12
Plymouth	531	0	0	0	0	0	0	0	0	0.0	2	1.6	1	0.3	0	3
Truro	449	0	0	0	0	0	0	0	0	0.0	1	0.6	1	0.4	0	2
YORKSHIRE & HUMBER	5,774	2	0	0	0	0	2	137	4	1.0	75	3.6	50	1.5	1	267
Bradford	733	0	0	0	0	0	0	22	0	0.0	12	4.3	5	1.2	0	39
Doncaster	342	0	0	0	0	0	0	7	0	0.0	10	5.5	6	4.6	0	23
Hull	904	0	0	0	0	0	0	21	1	1.8	14	4.0	5	1.0	0	41
Leeds	1,723	0	0	0	0	0	0	47	2	2.2	13	2.4	21	1.9	1	84
Sheffield	1,491	1	0	0	0	0	1	31	1	0.9	17	3.2	12	1.4	0	61
York	581	1	0	0	0	0	1	9	0	0.0	9	4.9	1	0.3	0	19

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 ¹						Number of cumulative deaths attributed to COVID-19 ¹								
		CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)		ICHD		TPLT		Missing	TOTAL
									N	% of HT	N	% of ICHD	N	% of TPLT		
NORTHERN IRELAND	1,931	0	0	0	0	0	0	8	1	1.1	9	1.6	12	0.9	0	30
Antrim	280	0	0	0	0	0	0	0	0	0.0	3	2.5	1	0.7	0	4
Belfast	890	0	0	0	0	0	0	2	0	0.0	1	0.6	4	0.6	0	7
Newry	251	0	0	0	0	0	0	3	1	7.7	3	3.8	3	1.9	0	10
Ulster	182	0	0	0	0	0	0	0	0	0.0	1	1.0	1	1.3	0	2
West NI	328	0	0	0	0	0	0	3	0	0.0	1	0.9	3	1.4	0	7
WALES	3,315	1	0	0	1	0	2	163	7	2.4	44	3.7	9	0.5	0	223
Bangor	201	0	0	0	0	0	0	7	0	0.0	5	7.6	1	0.9	0	13
Cardiff	1,730	0	0	0	0	0	0	4	2	2.1	15	2.7	3	0.3	0	24
Clwyd	205	0	0	0	0	0	0	0	0	0.0	1	1.2	1	1.0	0	2
Swansea	868	1	0	0	1	0	2	152	5	4.1	16	4.1	3	0.8	0	176
Wrexham	311	0	0	0	0	0	0	0	0	0.0	7	6.6	1	0.6	0	8
ENGLAND	57,510	13	1	2	3	0	19	1,038	89	2.0	821	4.0	270	0.8	1	2,219
NORTHERN IRELAND	1,931	0	0	0	0	0	0	8	1	1.1	9	1.6	12	0.9	0	30
WALES	3,315	1	0	0	1	0	2	163	7	2.4	44	3.7	9	0.5	0	223

¹Numbers of deaths attributed to COVID-19 are lower than in reports prior to 26 August 2020 because the updated definition restricts a COVID-19 death to one that occurred within 28 days of a positive test.

²Data from University Hospitals Birmingham NHS Foundation Trust (Heartlands Hospital & Queen Elizabeth Hospital).

The delay between the NHS tracing process and producing this report may result in a possible underestimation of the number of deaths.

Blank cells indicate that the renal centre did not submit data to the UKRR.

CKD – chronic kidney disease (i.e. patients with CKD not on RRT); HHD – home haemodialysis; HT – home therapies; ICHD – in-centre haemodialysis; PD – peritoneal dialysis; RRT – renal replacement therapy; TPLT – transplant; Missing – treatment modality data missing

Table 3 Number of new reported laboratory-confirmed COVID-19 cases in CKD and RRT patients within the last 10 weeks in adult renal centres in England, Northern Ireland and Wales, by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
EAST OF ENGLAND	4,660	6	8	13	8	6	8	5	13	13	8
Basildon	322	0	2	0	0	0	0	0	3		
Cambridge	1,469	2	1	4	4	3	4	2	5	5	3
Chelmsford	261	0	0	0	0	0	0	0	0		
Colchester	145										
Ipswich	424										
Norwich	809	2	3	8	3	2	2	2	1	5	3
Southend	264	0	0	0	0	0	0	0	0		
Stevenage	966	2	2	1	1	1	2	1	4	3	2
KENT, SURREY & SUSSEX	2,199	6	13	10	10	5	3	20	5	10	1
Brighton	1,059	3	7	8	8	5	2	14	4	5	
Kent	1,140	3	6	2	2	0	1	6	1	5	1
LONDON	14,794	35	22	30	31	24	24	30	53	92	111
Carshalton	1,771	4	4	3	8	2	1	3	5	16	25
London Barts	2,660	7	0	1	2	2	2	4	13	15	10
London Guy's	2,310	2	7	9	6	5	3	5	5	20	23
London King's	1,244	4	1	3	4	3	6	6	10	12	13
London Royal Free	2,344	5	4	5	1	3	3	1	7	12	11
London St George's	852	1	0	2	0	2	1	0	5	5	13
London West	3,613	12	6	7	10	7	8	11	8	12	16
MIDLANDS EAST	4,457	23	15	22	21	14	20	16	16	20	17
Derby	652	3	2	3	5	3	4	5	5	6	3
Leicester	2,587	14	11	13	11	8	12	11	8	8	12
Nottingham	1,218	6	2	6	5	3	4	0	3	6	2
MIDLANDS WEST	6,579	14	16	15	16	13	23	21	23	22	14
Birmingham ¹	3,308	7	9	8	8	6	17	12	14	16	8
Coventry	1,076	0	0	0	0	0	0	1	0		
Dudley	366	1	0	2	4	1	0	1	1	0	0
Shrewsbury	428	0	0	0	2	3	3	3	2	1	1
Stoke	803	5	3	0	2	2	1	2	3	3	3

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
Wolverhampton	598	1	4	5	0	1	2	2	3	2	2
NORTH EAST	2,995	7	6	5	1	3	2	1	7	4	2
Carlisle	303	2	0	0	1	0	1	0	0	1	1
Middlesbrough	949	2	1	0	0	0	0	0	0		
Newcastle	1,175	3	3	2	0	3	1	0	7	3	1
Sunderland	568	0	2	3	0	0	0	1	0	0	0
NORTH WEST	6,486	8	9	13	9	7	8	7	9	14	7
Liverpool Aintree	210	0	0	2	3	1	0	1	1	4	1
Liverpool Royal	1,227	3	1	2	0	2	2	0	2	3	0
Manchester Royal	2,060	2	1	0	1	1	1	3	0	0	0
Preston	1,341	0	0	0	0	0	0	0	1	3	
Salford	1,237	3	5	7	4	2	4	3	4	3	6
Wirral	411	0	2	2	1	1	1	0	1	1	0
SOUTH EAST	4,712	13	18	10	11	15	16	7	10	3	1
Oxford	1,969	6	8	4	4	6	6	1	5	3	0
Portsmouth	1,883	5	8	4	4	8	7	3	4		
Reading	860	2	2	2	3	1	3	3	1	0	1
SOUTH WEST	4,854	18	15	19	19	15	9	14	7	17	10
Bristol	1,486	10	11	15	7	7	6	7	6	10	4
Dorset	772	3	1	0	1	1	0	3	0	2	1
Exeter	1,091	0	2	1	3	4	0	2	1	1	1
Gloucester	525	3	1	0	3	1	3				
Plymouth	531	2	0	3	5	2	0	2	0	1	0
Truro	449	0	0	0	0	0	0	0	0	3	4
YORKSHIRE & HUMBER	5,774	28	19	23	30	19	12	12	9	10	12
Bradford	733	8	4	3	0	0	5	3	1	0	0
Doncaster	342	1	1	0	4	2	1	1	1	2	0
Hull	904	2	3	2	10	7	1	1	2	1	2
Leeds	1,723	8	6	7	7	3	1	4	3	4	4
Sheffield	1,491	9	3	11	7	6	3	2	2	2	3
York	581	0	2	0	2	1	1	1	0	1	3
NORTHERN IRELAND	1,931	7	6	8	5	8	3	3	5	4	1
Antrim	280	2	1	0	0	1	0	0	0	1	0
Belfast	890	0	2	1	1	1	0	2	3	3	1

Region/renal centre	N RRT patients alive end of 2019	Number of new COVID-19 cases in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
Newry	251	4	2	5	2	3	1	1	2	0	0
Ulster	182	0	0	0	0	0	0	0	0		
West NI	328	1	1	2	2	3	2				
WALES	3,315	38	32	33	31	31	18	21	18	24	19
Bangor	201	2	1	0	1	0	3	2	2	2	1
Cardiff	1,730	11	6	12	7	11	3	4	3	9	6
Clwyd	205	0	0	0	0	0	0	1	0	0	0
Swansea	868	25	24	20	22	18	10	14	13	10	12
Wrexham	311	0	1	1	1	2	2	0	0	3	
ENGLAND	57,510	158	141	160	156	121	125	133	152	205	183
NORTHERN IRELAND	1,931	7	6	8	5	8	3	3	5	4	1
WALES	3,315	38	32	33	31	31	18	21	18	24	19

¹Data from University Hospitals Birmingham NHS Foundation Trust (Heartlands Hospital & Queen Elizabeth Hospital).

²The number of cases reported in the most recent week is likely to be an underestimation, because of the lag in reporting to the UKRR.

Blank cells indicate that the renal centre did not submit data to the UKRR.

CKD – chronic kidney disease (i.e. patients with CKD not on RRT); HHD – home haemodialysis; HT – home therapies; ICHD – in-centre haemodialysis; PD – peritoneal dialysis; RRT – renal replacement therapy; TPLT – transplant; Missing – treatment modality data missing

Table 4 Number of new reported deaths within 28 days of laboratory-confirmed COVID-19 in CKD and RRT patients within the last 10 weeks in adult renal centres in England, Northern Ireland and Wales, by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
EAST OF ENGLAND	4,660	0	1	1	2	0	0	2	2	0	1
Basildon	322	0	0	0	0	0	0	0	0	0	1
Cambridge	1,469	0	0	0	1	0	0	2	1	0	0
Chelmsford	261	0	0	0	0	0	0	0	0	0	0
Colchester	145	0	0	0	0	0	0	0	0	0	0
Ipswich	424	0	0	0	0	0	0	0	0	0	0
Norwich	809	0	1	1	0	0	0	0	1	0	0
Southend	264	0	0	0	0	0	0	0	0	0	0
Stevenage	966	0	0	0	1	0	0	0	0	0	0
KENT, SURREY & SUSSEX	2,199	0	1	0	1	0	1	0	3	3	1
Brighton	1,059	0	1	0	1	0	1	0	3	1	1
Kent	1,140	0	0	0	0	0	0	0	0	2	0
LONDON	14,794	2	2	2	5	3	5	1	3	0	1
Carshalton	1,771	1	0	1	1	2	0	0	1	0	0
London Barts	2,660	0	1	0	1	0	2	0	0	0	0
London Guy's	2,310	0	0	0	0	1	1	0	0	0	0
London King's	1,244	0	0	1	0	0	0	0	0	0	0
London Royal Free	2,344	0	1	0	2	0	0	0	0	0	0
London St George's	852	1	0	0	1	0	0	0	0	0	1
London West	3,613	0	0	0	0	0	2	1	2	0	0
MIDLANDS EAST	4,457	4	3	8	6	6	3	3	3	2	7
Derby	652	0	1	2	2	3	1	1	2	0	5
Leicester	2,587	3	1	3	3	3	1	2	1	2	2
Nottingham	1,218	1	1	3	1	0	1	0	0	0	0
MIDLANDS WEST	6,579	6	1	4	4	2	1	1	6	2	3
Birmingham ¹	3,308	2	0	2	2	0	0	0	3	1	2
Coventry	1,076	0	0	0	0	0	0	0	0	0	0
Dudley	366	0	0	0	0	0	0	0	0	0	0

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
Shrewsbury	428	0	0	0	0	0	0	1	1	0	0
Stoke	803	2	1	2	0	0	0	0	1	0	1
Wolverhampton	598	2	0	0	2	2	1	0	1	1	0
NORTH EAST	2,995	1	0	2	1	0	0	0	0	0	0
Carlisle	303	1	0	0	0	0	0	0	0	0	0
Middlesbrough	949	0	0	0	0	0	0	0	0	0	0
Newcastle	1,175	0	0	1	0	0	0	0	0	0	0
Sunderland	568	0	0	1	1	0	0	0	0	0	0
NORTH WEST	6,486	1	2	2	0	1	0	1	0	0	2
Liverpool Aintree	210	0	0	0	0	1	0	0	0	0	0
Liverpool Royal	1,227	0	0	1	0	0	0	0	0	0	0
Manchester Royal	2,060	0	0	0	0	0	0	0	0	0	0
Preston	1,341	0	0	0	0	0	0	0	0	0	0
Salford	1,237	0	2	0	0	0	0	1	0	0	1
Wirral	411	1	0	1	0	0	0	0	0	0	1
SOUTH EAST	4,712	0	1	2	0	1	0	1	2	1	1
Oxford	1,969	0	1	2	0	1	0	0	0	1	1
Portsmouth	1,883	0	0	0	0	0	0	1	0	0	0
Reading	860	0	0	0	0	0	0	0	2	0	0
SOUTH WEST	4,854	2	1	4	2	1	4	5	1	1	1
Bristol	1,486	1	1	4	1	0	2	3	1	0	1
Dorset	772	1	0	0	1	0	0	0	0	0	0
Exeter	1,091	0	0	0	0	0	1	0	0	0	0
Gloucester	525	0	0	0	0	1	1	0	0	1	0
Plymouth	531	0	0	0	0	0	0	2	0	0	0
Truro	449	0	0	0	0	0	0	0	0	0	0
YORKSHIRE & HUMBER	5,774	5	3	4	4	3	2	1	3	2	2
Bradford	733	1	0	0	1	0	0	0	0	1	0
Doncaster	342	1	1	0	0	0	1	1	0	0	0
Hull	904	0	0	2	0	0	0	0	0	0	0
Leeds	1,723	3	1	1	1	2	1	0	1	0	0
Sheffield	1,491	0	1	1	2	1	0	0	2	1	1
York	581	0	0	0	0	0	0	0	0	0	1
NORTHERN IRELAND	1,931	2	1	2	0	0	1	0	0	0	0

Region/renal centre	N RRT patients alive end of 2019	Number of new deaths attributed to COVID-19 in CKD and RRT patients									
		14-20 Oct	21-27 Oct	28 Oct-3 Nov	4-10 Nov	11-17 Nov	18-24 Nov	25 Nov-1 Dec	2-8 Dec	9-15 Dec	16-22 Dec ²
Antrim	280	1	0	0	0	0	0	0	0	0	0
Belfast	890	0	0	1	0	0	0	0	0	0	0
Newry	251	1	1	1	0	0	0	0	0	0	0
Ulster	182	0	0	0	0	0	0	0	0	0	0
West NI	328	0	0	0	0	0	1	0	0	0	0
WALES	3,315	4	10	1	3	6	5	0	6	4	2
Bangor	201	0	0	0	0	0	0	0	1	0	0
Cardiff	1,730	1	3	0	1	0	0	0	0	1	0
Clwyd	205	0	0	0	0	0	0	0	0	0	0
Swansea	868	3	7	1	2	6	4	0	5	3	2
Wrexham	311	0	0	0	0	0	1	0	0	0	0
ENGLAND	57,510	21	15	29	25	17	16	15	23	11	19
NORTHERN IRELAND	1,931	2	1	2	0	0	1	0	0	0	0
WALES	3,315	4	10	1	3	6	5	0	6	4	2

¹Data from University Hospitals Birmingham NHS Foundation Trust (Heartlands Hospital & Queen Elizabeth Hospital).

²The number of cases reported in the most recent week is likely to be an underestimation, because of the lag in reporting deaths to the UKRR and the delay in tracing deaths.

CKD – chronic kidney disease (i.e. patients with CKD not on RRT); HHD – home haemodialysis; HT – home therapies; ICHD – in-centre haemodialysis; PD – peritoneal dialysis; RRT – renal replacement therapy; TPLT – transplant; Missing – treatment modality data missing

UK KIDNEY ASSOCIATION COVID-19 GUIDELINES

You can access the most recent UK Kidney Association guidelines on the care of patients with kidney disease during the COVID-19 pandemic by clicking on the link below:

<https://ukkidney.org/health-professionals/covid-19>