

COVID-19 surveillance report for renal centres in the UK

All regions and centres - up to 14 October 2020

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 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 laboratory-confirmed COVID-19 case is a renal patient who has both:

- clinical evidence of COVID-19 disease
- a positive laboratory result for SARS-COV-2.

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 (2020) COVID-19 surveillance report for renal centres in the UK: All regions and centres. The Renal 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 UKRR of the Renal 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 Renal 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 14 October 2020:

- adult renal centres 50 of the 51 centres in England, 5 of the 5 centres in Northern Ireland and 5 of the 5 centres in Wales submitted COVID-19 data to the UK Renal Registry (UKRR).
 Cumulative data up to 22 September 2020 were included for 9 of the 9 centres in Scotland.
- paediatric renal centres 13 of the 13 centres in England, Northern Ireland, Scotland and Wales submitted COVID-19 data to the UKRR.

No data on deaths are available for the week 8–14 October because of technical issues with the NHS tracing system. Table 2 is therefore omitted from this week's report.

In the **last 10 weeks** for RRT patients only:

 all regions and countries reached a peak in new cases around the end of March/beginning of April. Until the start of September, all three UK countries reported only small numbers of new cases. During September a small increase became evident in a few English regions and in the last few weeks, numbers of new cases have increased further, particularly in northern regions of England.

In adult renal centres in England:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19
- up to 14 October the cumulative number of laboratory-confirmed cases of COVID-19 was 4.693
- up to 7 October the cumulative number of deaths attributed to COVID-19 was 1,326.

In adult renal centres in Northern Ireland:

- in the last week (Thurs–Wed) the number of new laboratory-confirmed cases of COVID-19 was 3
- up to 14 October the cumulative number of laboratory-confirmed cases of COVID-19 was 45
- up to 7 October the cumulative number of deaths attributed to COVID-19 was 6.

In adult renal centres in Scotland:

- Scotland reported the cumulative number of laboratory confirmed COVID-19 cases and the cumulative number of deaths attributed to COVID-19 up to 22 September 2020
- up to 22 September the cumulative number of laboratory-confirmed cases of COVID-19 was
 120
- up to 22 September 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 0
- up to 14 October the cumulative number of laboratory-confirmed cases of COVID-19 was
- up to 7 October the cumulative number of deaths attributed to COVID-19 was 46.

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 0
- up to 14 October the cumulative number of laboratory-confirmed cases of COVID-19 was 12
- There has been one paediatric death following a positive test for SARS-COV-2, but this occurred almost 4 months after the test result.

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 8 October to Wednesday 14 October 2020) and up to Wednesday 14 October 2020, respectively, in adult renal centres in England, Northern Ireland, Scotland and Wales by region, renal centre and country

	N RRT patients alive end	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
Region/renal centre			HT						HT (HHD+PD)		ICHD		TPLT			
	of 2018	CKD	(HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	N	% of HT	N	% of ICHD	N	% of TPLT	Missing	TOTAL
EAST OF ENGLAND	4,553	0	1	4	0	0	5	6	14	4.5	133	7.4	33	1.3	0	186
Basildon	314	0	1	3	0	0	4	0	2	5.3	22	12.9	4	3.8	0	28
Cambridge	1,417	0	0	0	0	0	0	3	3	6.8	16	5.0	21	2.0	0	43
Chelmsford	270	0	0	0	0	0	0	0	0	0.0	7	6.3	0	0.0	0	7
Colchester	121	0	0	1	0	0	1	0	0	0.0	11	9.1	0	0.0	0	11
Ipswich	428	0	0	0	0	0	0	1	1	2.2	19	12.6	0	0.0	0	21
Norwich	786	0	0	0	0	0	0	1	1	2.0	12	4.1	5	1.1	0	19
Southend	260	0	0	0	0	0	0	0	3	9.7	4	3.1	3	3.0	0	10
Stevenage	957	0	0	0	0	0	0	1	4	5.6	42	8.5	0	0.0	0	47
KENT, SURREY & SUSSEX	2,169	2	0	0	0	0	2	76	0	0.0	33	3.8	14	1.2	0	123
Brighton	1,055	2	0	0	0	0	2	61	0	0.0	18	4.0	2	0.4	0	81
Kent	1,114	0	0	0	0	0	0	15	0	0.0	15	3.6	12	1.9	0	42
LONDON	14,394	2	0	5	1	0	8	148	45	4.7	1,093	19.5	200	2.6	0	1,486
Carshalton	1,736	2	0	1	1	0	4	28	5	3.9	98	11.6	14	1.8	0	145
London Barts	2,610	0	0	1	0	0	1	0	9	3.3	207	19.4	29	2.3	0	245
London Guy's	2,225	0	0	1	0	0	1	40	2	2.5	99	14.3	41	2.8	0	182
London King's	1,186	0	0	1	0	0	1	26	2	1.9	134	22.4	27	5.6	0	189
London Royal Free	2,234	0	0	0	0	0	0	35	5	2.8	176	25.8	18	1.3	0	234
London St George's	837	0	0	0	0	0	0	3	5	10.9	37	12.6	8	1.6	0	53
London West	3,566	0	0	1	0	0	1	16	17	11.0	342	23.9	63	3.2	0	438
MIDLANDS EAST	4,253	9	1	1	2	0	13	252	15	3.6	130	8.9	28	1.2	0	425
Derby	589	2	0	0	0	0	2	77	6	4.5	25	12.7	4	1.6	0	112

	N RRT	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
Region/renal centre	patients alive end		HT					CKD T	HT (HHD+PD)		ICHD		TPLT			
	of 2018	CKD	(HHD+PD)	ICHD	TPLT	Missing	TOTAL		N	% of HT	N	% of ICHD	N	% of TPLT	Missing	TOTAL
Leicester	2,468	4	0	0	0	0	4	132	5	2.9	72	7.9	16	1.2	0	225
Nottingham	1,196	3	1	1	2	0	7	43	4	3.8	33	9.4	8	1.1	0	88
MIDLANDS WEST	6,485	1	0	2	1	0	4	556	32	4.4	340	12.4	47	1.6	61	1,036
Birmingham ¹	3,248	1	0	1	1	0	3	159	20	6.1	189	14.1	30	1.9	0	398
Coventry	1,042	0	0	0	0	0	0	78	4	4.9	47	12.4	5	0.9	0	134
Dudley	361	0	0	0	0	0	0	0	1	2.1	21	10.2	0	0.0	0	22
Shrewsbury ²	424	0	0	0	0	0	0	215	2	2.5	17	8.3	4	2.9	27	265
Stoke	808	0	0	0	0	0	0	22	3	2.9	22	7.7	7	1.7	0	54
Wolverhampton	602	0	0	1	0	0	1	82	2	2.3	44	14.0	1	0.5	34	163
NORTH EAST	2,930	0	0	6	0	0	6	36	3	1.6	105	10.2	20	1.2	0	164
Carlisle	293	0	0	0	0	0	0	4	1	3.2	12	11.9	1	0.6	0	18
Middlesbrough	925	0	0	3	0	0	3	0	0	0.0	27	7.8	11	2.0	0	38
Newcastle	1,155	0	0	2	0	0	2	28	0	0.0	25	7.4	4	0.5	0	57
Sunderland	557	0	0	1	0	0	1	4	2	5.1	41	16.9	4	1.5	0	51
NORTH WEST	6,458	2	5	12	2	0	21	149	27	5.0	256	11.9	59	1.6	0	491
Liverpool Aintree	218	0	1	1	0	0	2	0	1	2.3	24	15.5	0	0.0	0	25
Liverpool Royal	1,277	0	0	5	1	0	6	0	0	0.0	51	14.2	9	1.1	0	60
Manchester Royal	2,073	0	1	0	0	0	1	20	5	3.5	52	10.2	20	1.4	0	97
Preston	1,322	2	0	2	1	0	5	75	5	6.2	57	10.9	16	2.2	0	153
Salford	1,173	0	3	0	0	0	3	18	16	10.7	41	10.3	13	2.1	0	88
Wirral	395	0	0	4	0	0	4	36	0	0.0	31	15.3	1	0.6	0	68
SOUTH EAST	4,514	0	0	0	0	0	0	124	7	2.3	149	11.7	39	1.3	0	319
Oxford	1,940	0	0	0	0	0	0	9	3	3.4	42	9.3	15	1.1	0	69
Portsmouth	1,764	0	0	0	0	0	0	17	2	1.2	35	6.6	14	1.3	0	68
Reading	810	0	0	0	0	0	0	98	2	4.1	72	24.6	10	2.1	0	182
SOUTH WEST	4,808	2	0	0	1	0	3	44	0	0.0	62	3.6	13	0.5	0	119
Bristol	1,469	2	0	0	1	0	3	42	0	0.0	22	4.6	7	0.8	0	71
Dorset	765	_	-	-	_	-	_	-=	-			•••	-		-	
Exeter	1,088	0	0	0	0	0	0	0	0	0.0	10	2.2	0	0.0	0	10
Gloucester	510	0	0	0	0	0	0	1	0	0.0	22	9.4	3	1.3	0	26
Plymouth	539	0	0	0	0	0	0	1	0	0.0	4	3.1	2	0.6	0	7
Truro	437	0	0	0	0	0	0	0	0	0.0	4	2.4	1	0.4	0	5

	N RRT	Number of new COVID-19 cases						Number of cumulative COVID-19 cases								
Region/renal centre	patients alive end		нт						HT (HHD+PD)		ICHD		TPLT			
	of 2018	CKD	(HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	N	% of HT	N	% of ICHD	N	% of TPLT	Missing	TOTAL
YORKSHIRE & HUMBER	5,637	3	1	7	2	0	13	101	9	2.5	199	9.6	35	1.1	0	344
Bradford	686	0	0	5	0	0	5	16	2	5.7	49	18.8	7	1.8	0	74
Doncaster	332	0	0	0	0	0	0	4	0	0.0	10	5.6	0	0.0	0	14
Hull	883	0	0	0	0	0	0	3	1	1.9	13	3.7	2	0.4	0	19
Leeds	1,687	3	1	1	1	0	6	31	4	4.5	55	10.1	14	1.3	0	104
Sheffield	1,481	0	0	1	1	0	2	38	2	1.8	55	10.0	12	1.5	0	107
York	568	0	0	0	0	0	0	9	0	0.0	17	9.2	0	0.0	0	26
NORTHERN IRELAND	1,914	1	0	0	2	0	3	5	0	0.0	21	3.6	19	1.5	0	45
Antrim	274	0	0	0	0	0	0	0	0	0.0	3	2.5	3	2.3	0	6
Belfast	877	0	0	0	2	0	2	1	0	0.0	9	5.2	11	1.6	0	21
Newry	249	0	0	0	0	0	0	0	0	0.0	4	4.9	4	2.7	0	8
Ulster	190	0	0	0	0	0	0	1	0	0.0	1	0.9	0	0.0	0	2
West NI	324	1	0	0	0	0	1	3	0	0.0	4	3.6	1	0.5	0	8
SCOTLAND ³	5,245								4	1.5	86	4.6	30	1.0	0	120
WALES	3,252	0	0	0	0	0	0	18	6	2.2	107	9.0	23	1.3	0	154
Bangor	202	0	0	0	0	0	0	9	0	0.0	6	8.6	4	4.0	0	19
Cardiff	1,721	0	0	0	0	0	0	4	2	2.1	44	7.9	8	0.7	0	58
Clwyd	190	0	0	0	0	0	0	0	0	0.0	25	33.3	1	1.0	0	26
Swansea	824	0	0	0	0	0	0	5	3	2.9	21	5.6	7	2.0	0	36
Wrexham	315	0	0	0	0	0	0	0	1	3.4	11	9.6	3	1.7	0	15
ENGLAND	56,201	21	8	37	9	0	75	1,492	152	3.5	2,500	12.1	488	1.6	61	4,693
NORTHERN IRELAND	1,914	1	0	0	2	0	3	5	0	0.0	21	3.6	19	1.5	0	45
SCOTLAND ³	5,245								4	1.5	86	4.6	30	1.0	0	120
WALES	3,252	0	0	0	0	0	0	18	6	2.2	107	9.0	23	1.3	0	154

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

²The cumulative number of CKD patients with a positive test is high in Shrewsbury because of active testing in the community.

³Scotland reported cumulative cases up to 22 September 2020.

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 XX October to Wednesday XX October 2020) and up to Wednesday XX October 2020, respectively, in adult renal centres in England, Northern Ireland, Scotland and Wales by region, renal centre and country

No data on deaths are available for the week 8–14 October because of technical issues with the NHS tracing system. Table 2 is therefore omitted from this week's report.

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

	N RRT patients alive end of 2018	Number of new positive tests in RRT patients											
Region/renal centre		6-12 Aug	13-19 Aug	20-26 Aug	27 Aug- 2 Sep	3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct ²		
EAST OF ENGLAND	4,553	0	0	0	0	0	0	0	1	1	5		
Basildon	314	0	0	0	0	0	0	0	0	0	4		
Cambridge	1,417	0	0	0	0	0	0	0	0	0	0		
Chelmsford	270	0	0	0	0	0	0	0	1	0	0		
Colchester	121	0	0	0	0	0	0	0	0	0	1		
Ipswich	428	0	0	0	0	0	0	0	0	0	0		
Norwich	786	0	0	0	0	0	0	0	0	1	0		
Southend	260	0	0	0	0	0	0	0	0	0	0		
Stevenage	957	0	0	0	0	0	0	0	0	0	0		
KENT, SURREY & SUSSEX	2,169	0	0	0	0	1	0	0	0	0	0		
Brighton	1,055	0	0	0	0	0	0	0	0	0	0		
Kent	1,114	0	0	0	0	1	0	0	0	0	0		
LONDON	14,394	0	0	0	0	5	7	4	7	14	6		
Carshalton	1,736	0	0	0	0	0	0	0	1	8	2		
London Barts	2,610	0	0	0	0	2	3	1	2	2	1		
London Guy's	2,225	0	0	0	0	0	0	0	0	1	1		
London King's	1,186	0	0	0	0	0	1	0	0	0	1		
London Royal Free	2,234	0	0	0	0	0	3	2	2	1	0		
London St George's	837	0	0	0	0	0	0	0	0	0	0		
London West	3,566	0	0	0	0	3	0	1	2	2	1		
MIDLANDS EAST	4,253	0	0	0	0	0	3	6	6	6	4		
Derby	589	0	0	0	0	0	0	0	2	0	0		
Leicester	2,468	0	0	0	0	0	2	4	2	6	0		
Nottingham	1,196	0	0	0	0	0	1	2	2	0	4		
MIDLANDS WEST	6,485	1	0	0	2	4	3	4	3	5	3		
Birmingham ¹	3,248	1	0	0	2	3	2	3	3	4	2		
Coventry	1,042	0	0	0	0	1	0	0	0	0	0		
Dudley	361	0	0	0	0	0	1	0	0	0	0		
Shrewsbury	424	0	0	0	0	0	0	0	0	0	0		
Stoke	808	0	0	0	0	0	0	0	0	1	0		

	N RRT patients alive end of 2018	Number of new positive tests in RRT patients											
Region/renal centre		6-12 Aug	13-19 Aug	20-26 Aug	27 Aug- 2 Sep	3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct ²		
Wolverhampton	602	0	0	0	0	0	0	1	0	0	1		
NORTH EAST	2,930	0	0	0	0	0	5	5	2	8	6		
Carlisle	293	0	0	0	0	0	0	0	0	2	0		
Middlesbrough	925	0	0	0	0	0	2	3	2	2	3		
Newcastle	1,155	0	0	0	0	0	1	2	0	2	2		
Sunderland	557	0	0	0	0	0	2	0	0	2	1		
NORTH WEST	6,458	3	1	3	2	4	10	16	18	17	19		
Liverpool Aintree	218	0	0	0	1	0	0	2	3	2	2		
Liverpool Royal	1,277	0	0	0	0	1	1	2	5	3	6		
Manchester Royal	2,073	2	0	1	0	1	2	8	3	1	1		
Preston	1,322	0	0	0	0	0	4	1	3	7	3		
Salford	1,173	0	1	2	1	2	1	2	2	1	3		
Wirral	395	1	0	0	0	0	2	1	2	3	4		
SOUTH EAST	4,514	0	3	0	0	0	0	1	1	2	0		
Oxford	1,940	0	2	0	0	0	0	0	1	1	0		
Portsmouth	1,764	0	0	0	0	0	0	1	0	0	0		
Reading	810	0	1	0	0	0	0	0	0	1	0		
SOUTH WEST	4,808	0	0	0	0	0	0	0	0	0	1		
Bristol	1,469	0	0	0	0	0	0	0	0	0	1		
Dorset	765	-		-	-	-	-		-				
Exeter	1,088	0	0	0	0	0	0	0	0	0	0		
Gloucester	510	0	0	0	0	0	0	0	0	0	0		
Plymouth	539	0	0	0	0	0	0	0	0	0	0		
Truro	437	0	0	0	0	0	0	0	0	0	0		
YORKSHIRE & HUMBER	5,637	0	2	1	0	2	0	4	7	9	10		
Bradford	686	0	0	0	0	1	0	1	2	2	5		
Doncaster	332	0	0	0	0	1	0	0	0	0	0		
Hull	883	0	0	0	0	0	0	1	0	1	0		
Leeds	1,687	0	2	1	0	0	0	1	4	4	3		
Sheffield	1,481	0	0	0	0	0	0	1	1	2	2		
York	568	0	0	0	0	0	0	0	0	0	0		
NORTHERN IRELAND	1,914	1	0	0	1	1	2 2	1	2 2	4	2		
Antrim	1,914 274	1	0	0	0	0	0	0	0	0	0		
			_	_			-		-		2		
Belfast	877	0	0	0	1	1	0	1	2	2			

Region/renal centre	N RRT patients alive end of 2018	Number of new positive tests in RRT patients											
		6-12 Aug	13-19 Aug	20-26 Aug	27 Aug- 2 Sep	3-9 Sep	10-16 Sep	17-23 Sep	24-30 Sep	1-7 Oct	8-14 Oct ²		
Newry	249	0	0	0	0	0	2	0	0	0	0		
Ulster	190	0	0	0	0	0	0	0	0	0	0		
West NI	324	0	0	0	0	0	0	0	0	2	0		
WALES	3,252	0	0	0	0	0	0	1	0	3	0		
Bangor	202	0	0	0	0	0	0	1	0	0	0		
Cardiff	1,721	0	0	0	0	0	0	0	0	1	0		
Clwyd	190	0	0	0	0	0	0	0	0	0	0		
Swansea	824	0	0	0	0	0	0	0	0	1	0		
Wrexham	315	0	0	0	0	0	0	0	0	1	0		
ENGLAND	56,201	4	6	4	4	16	28	40	45	62	54		
NORTHERN IRELAND	1,914	1	0	0	1	1	2	1	2	4	2		
WALES	3,252	0	0	0	0	0	0	1	0	3	0		

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

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.

RENAL ASSOCIATION COVID-19 GUIDELINES

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

https://renal.org/covid-19/ra-resources-renal-professionals/