

# **COVID-19 surveillance report for renal centres in the UK**

**All regions and centres –  
1 September to 29 December 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 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  $\geq 18$  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 (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 UK Renal Registry (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

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## KEY POINTS

For the week ending **Tuesday 29 December 2020**:

- **adult renal centres** – 35 of the 51 centres in England, 1 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 from 19 August to 30 November 2020 were included for 9 of the 9 centres in Scotland.
- **paediatric renal centres** – 8 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 (RRT patients)**

Over the last 10 weeks, all regions and countries have seen increased numbers of new cases, first in the northern and midland regions of England and then more recently in London, the South West, South East, East of England, Kent, Surrey & Sussex, and Wales. In nearly all regions, numbers had plateaued, but last week (17–23 December), this trend was reversed and there was again an increase in new cases in many regions. Due to the lag in reporting cases to the UKRR and about a third of centres not submitting data for the current week (24–29 December), it is not yet possible to confirm this trend.

#### **In adult renal centres in England:**

- in the last week (Thurs–Tues) the number of new laboratory-confirmed cases of COVID-19 was 151
- from 1 September to 29 December the cumulative number of laboratory-confirmed cases of COVID-19 was 3,144
- in the last week (Thurs–Tues) the number of new deaths attributed to COVID-19 was 18
- from 1 September to 29 December the cumulative number of deaths attributed to COVID-19 was 591.

#### **In adult renal centres in Northern Ireland:**

- in the last week (Thurs–Tues) the number of new laboratory-confirmed cases of COVID-19 was 1
- from 1 September to 29 December the cumulative number of laboratory-confirmed cases of COVID-19 was 66
- in the last week (Thurs–Tues) the number of new deaths attributed to COVID-19 was 0
- from 1 September to 29 December the cumulative number of deaths attributed to COVID-19 was 8.

#### **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 from 19 August to 30 November 2020
- from 19 August to 30 November the cumulative number of laboratory-confirmed cases of COVID-19 was 97

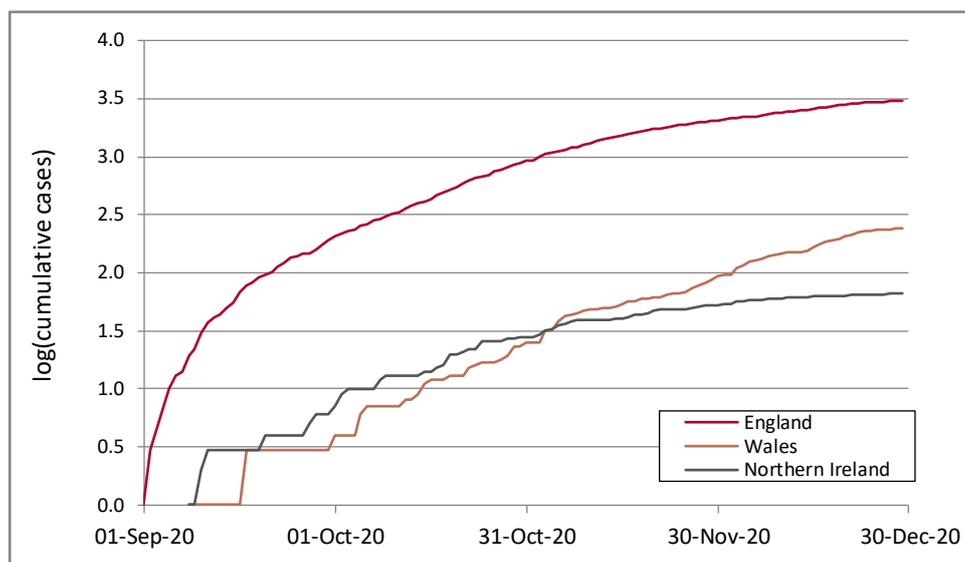
- from 19 August to 30 November the cumulative number of deaths attributed to COVID-19 was 17.

**In adult renal centres in Wales:**

- in the last week (Thurs–Tues) the number of new laboratory-confirmed cases of COVID-19 was 21
- from 1 September to 29 December the cumulative number of laboratory-confirmed cases of COVID-19 was 247
- in the last week (Thurs–Tues) the number of new deaths attributed to COVID-19 was 0
- from 1 September to 29 December the cumulative number of deaths attributed to COVID-19 was 45.

**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 to 29 December 2020 in adult renal centres in England, Northern Ireland and Wales. As can be seen, at the start of the second wave of the pandemic, the number of cases climbed steeply in all three countries, reaching a particularly high level in England, before plateauing in England and Northern Ireland around the middle of November. In contrast, the number of infections in Wales has continued to climb, driven by positive tests in CKD patients. New cases started climbing steadily again in England from last week (17–23 December).



**Figure 1** Log cumulative counts of laboratory-confirmed COVID-19 cases in CKD and RRT patients between 1 September to 29 December 2020 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–Tues) the number of new laboratory-confirmed cases of COVID-19 was 1
- from 1 September to 29 December the cumulative number of laboratory-confirmed cases of COVID-19 was 36.

## 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 6 days (Thursday 24 December to Tuesday 29 December 2020) and from 1 September to Tuesday 29 December 2020, respectively, in adult renal centres in England, Northern Ireland, Scotland and Wales by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2018	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		
<b>EAST OF ENGLAND</b>	<b>4,553</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>19</b>	<b>1</b>	<b>5</b>	<b>1.6</b>	<b>116</b>	<b>6.5</b>	<b>8</b>	<b>0.3</b>	<b>0</b>	<b>130</b>
Basildon	314	0	0	6	0	0	6	0	2	5.3	16	9.4	0	0.0	0	18
Cambridge	1,417	0	0	2	1	0	3	0	0	0.0	10	3.2	8	0.8	0	18
Chelmsford	270	0	0	3	0	0	3	0	0	0.0	10	8.9	0	0.0	0	10
Colchester	121							0	0	0.0	13	10.7	0	0.0	0	13
Ipswich	428							0	0	0.0	3	2.0	0	0.0	0	3
Norwich	786	0	0	1	0	0	1	0	0	0.0	15	5.1	0	0.0	0	15
Southend	260	0	0	6	0	0	6	0	3	9.7	22	17.2	0	0.0	0	25
Stevenage	957							1	0	0.0	27	5.5	0	0.0	0	28
<b>KENT, SURREY &amp; SUSSEX</b>	<b>2,169</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>35</b>	<b>5</b>	<b>3.1</b>	<b>67</b>	<b>7.8</b>	<b>20</b>	<b>1.7</b>	<b>0</b>	<b>127</b>
Brighton	1,055	3	0	3	0	0	6	31	0	0.0	15	3.4	1	0.2	0	47
Kent	1,114							4	5	8.1	52	12.4	19	3.0	0	80
<b>LONDON</b>	<b>14,394</b>	<b>4</b>	<b>0</b>	<b>39</b>	<b>5</b>	<b>0</b>	<b>48</b>	<b>72</b>	<b>23</b>	<b>2.4</b>	<b>404</b>	<b>7.2</b>	<b>103</b>	<b>1.3</b>	<b>0</b>	<b>602</b>
Carshalton	1,736	0	0	0	0	0	0	25	4	3.1	52	6.1	7	0.9	0	88
London Barts	2,610	0	0	0	0	0	0	0	5	1.8	97	9.1	22	1.7	0	124
London Guy's	2,225	4	0	9	3	0	16	21	2	2.5	44	6.4	32	2.2	0	99
London King's	1,186	0	0	5	2	0	7	0	2	1.9	44	7.4	8	1.7	0	54
London Royal Free	2,234							7	1	0.6	25	3.7	10	0.7	0	43
London St George's	837	0	0	10	0	0	10	2	0	0.0	33	11.2	4	0.8	0	39
London West	3,566	0	0	15	0	0	15	17	9	5.8	109	7.6	20	1.0	0	155
<b>MIDLANDS EAST</b>	<b>4,253</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>13</b>	<b>279</b>	<b>16</b>	<b>3.9</b>	<b>105</b>	<b>7.2</b>	<b>50</b>	<b>2.1</b>	<b>0</b>	<b>450</b>
Derby	589	0	0	0	0	0	0	97	7	5.2	12	6.1	5	1.9	0	121

Region/renal centre	N RRT patients alive end of 2018	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	2,468	4	0	4	4	0	12	140	5	2.9	61	6.7	27	2.0	0	233
Nottingham	1,196	1	0	0	0	0	1	42	4	3.8	32	9.1	18	2.4	0	96
<b>MIDLANDS WEST</b>	<b>6,485</b>	<b>3</b>	<b>5</b>	<b>14</b>	<b>2</b>	<b>0</b>	<b>24</b>	<b>209</b>	<b>35</b>	<b>4.8</b>	<b>194</b>	<b>7.1</b>	<b>34</b>	<b>1.1</b>	<b>0</b>	<b>472</b>
Birmingham <sup>1</sup>	3,248	2	3	7	0	0	12	156	20	6.1	103	7.7	16	1.0	0	295
Coventry	1,042	0	0	3	0	0	3	6	2	2.5	23	6.1	2	0.3	0	33
Dudley	361							0	0	0.0	17	8.3	3	2.8	0	20
Shrewsbury <sup>2</sup>	424							0	0	0.0	1	0.5	0	0.0	0	1
Stoke	808	0	2	3	2	0	7	31	10	9.7	23	8.1	10	2.4	0	74
Wolverhampton	602	1	0	1	0	0	2	16	3	3.4	27	8.6	3	1.5	0	49
<b>NORTH EAST</b>	<b>2,930</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>25</b>	<b>6</b>	<b>3.1</b>	<b>83</b>	<b>8.1</b>	<b>19</b>	<b>1.1</b>	<b>0</b>	<b>133</b>
Carlisle	293	0	0	0	0	0	0	2	1	3.2	3	3.0	0	0.0	0	6
Middlesbrough	925	0	0	3	1	0	4	6	0	0.0	29	8.4	12	2.2	0	47
Newcastle	1,155	0	0	0	0	0	0	17	2	2.4	28	8.2	4	0.5	0	51
Sunderland	557	0	0	2	0	0	2	0	3	7.7	23	9.5	3	1.1	0	29
<b>NORTH WEST</b>	<b>6,458</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>165</b>	<b>43</b>	<b>8.0</b>	<b>202</b>	<b>9.4</b>	<b>66</b>	<b>1.7</b>	<b>0</b>	<b>476</b>
Liverpool Aintree	218							0	4	9.1	17	11.0	0	0.0	0	21
Liverpool Royal	1,277							0	0	0.0	39	10.8	7	0.9	0	46
Manchester Royal	2,073	0	0	0	0	0	0	17	7	5.0	39	7.7	11	0.8	0	74
Preston	1,322							99	9	11.1	50	9.6	34	4.7	0	192
Salford	1,173	1	1	1	0	0	3	31	22	14.7	35	8.8	10	1.6	0	98
Wirral	395	1	1	2	1	0	5	18	1	3.7	22	10.8	4	2.4	0	45
<b>SOUTH EAST</b>	<b>4,514</b>	<b>3</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>51</b>	<b>5</b>	<b>1.7</b>	<b>90</b>	<b>7.1</b>	<b>21</b>	<b>0.7</b>	<b>0</b>	<b>167</b>
Oxford	1,940	0	0	3	0	0	3	4	2	2.3	57	12.6	10	0.7	0	73
Portsmouth	1,764	3	0	4	1	0	8	26	3	1.8	20	3.8	6	0.6	0	55
Reading	810							21	0	0.0	13	4.4	5	1.1	0	39
<b>SOUTH WEST</b>	<b>4,808</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>77</b>	<b>3</b>	<b>0.9</b>	<b>57</b>	<b>3.3</b>	<b>28</b>	<b>1.0</b>	<b>0</b>	<b>165</b>
Bristol	1,469	4	0	1	0	0	5	74	1	1.4	23	4.8	6	0.7	0	104
Dorset	765	0	0	0	0	0	0	1	1	2.0	1	0.3	4	0.9	0	7
Exeter	1,088	0	0	0	0	0	0	1	1	1.0	22	4.9	7	1.3	0	31
Gloucester	510							0	0	0.0	9	3.8	6	2.5	0	15
Plymouth	539							1	0	0.0	2	1.6	4	1.1	0	7
Truro	437							0	0	0.0	0	0.0	1	0.4	0	1

Region/renal centre	N RRT patients alive end of 2018	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		
<b>YORKSHIRE &amp; HUMBER</b>	<b>5,637</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>161</b>	<b>12</b>	<b>3.3</b>	<b>163</b>	<b>7.9</b>	<b>85</b>	<b>2.7</b>	<b>1</b>	<b>422</b>
Bradford	686	0	0	1	1	0	2	21	1	2.9	34	13.1	24	6.1	0	80
Doncaster	332	0	1	0	0	0	1	8	1	3.0	14	7.8	5	4.2	0	28
Hull	883							13	3	5.8	12	3.4	20	4.2	0	48
Leeds	1,687	0	0	1	0	0	1	62	5	5.7	43	7.9	21	2.0	1	132
Sheffield	1,481	4	0	3	0	0	7	52	2	1.8	53	9.6	14	1.7	0	121
York	568							5	0	0.0	7	3.8	1	0.3	0	13
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>1.0</b>	<b>25</b>	<b>4.2</b>	<b>27</b>	<b>2.2</b>	<b>0</b>	<b>66</b>
Antrim	274							0	0	0.0	8	6.7	0	0.0	0	8
Belfast	877							7	0	0.0	4	2.3	17	2.5	0	28
Newry	249	0	0	0	1	0	1	3	0	0.0	3	3.7	5	3.3	0	11
Ulster	190							0	0	0.0	4	3.8	1	1.4	0	5
West NI	324							3	1	9.1	6	5.4	4	2.0	0	14
<b>SCOTLAND<sup>3</sup></b>	<b>5,245</b>								<b>4</b>	<b>1.5</b>	<b>41</b>	<b>2.2</b>	<b>52</b>	<b>1.7</b>	<b>0</b>	<b>97</b>
<b>WALES</b>	<b>3,252</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>21</b>	<b>152</b>	<b>6</b>	<b>2.2</b>	<b>63</b>	<b>5.3</b>	<b>26</b>	<b>1.5</b>	<b>0</b>	<b>247</b>
Bangor	202	0	0	0	0	0	0	3	0	0.0	2	2.9	1	1.0	0	6
Cardiff	1,721	2	1	1	0	0	4	9	1	1.1	27	4.9	4	0.4	0	41
Clwyd	190	0	0	0	0	0	0	0	0	0.0	0	0.0	1	1.0	0	1
Swansea	824	12	1	1	2	0	16	140	4	3.8	29	7.8	11	3.2	0	184
Wrexham	315	0	1	0	0	0	1	0	1	3.4	5	4.4	9	5.2	0	15
<b>ENGLAND</b>	<b>56,201</b>	<b>28</b>	<b>8</b>	<b>99</b>	<b>16</b>	<b>0</b>	<b>151</b>	<b>1,075</b>	<b>153</b>	<b>3.6</b>	<b>1,481</b>	<b>7.1</b>	<b>434</b>	<b>1.4</b>	<b>1</b>	<b>3,144</b>
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>1.0</b>	<b>25</b>	<b>4.2</b>	<b>27</b>	<b>2.2</b>	<b>0</b>	<b>66</b>
<b>SCOTLAND<sup>3</sup></b>	<b>5,245</b>								<b>4</b>	<b>1.5</b>	<b>41</b>	<b>2.2</b>	<b>52</b>	<b>1.7</b>	<b>0</b>	<b>97</b>
<b>WALES</b>	<b>3,252</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>21</b>	<b>152</b>	<b>6</b>	<b>2.2</b>	<b>63</b>	<b>5.3</b>	<b>26</b>	<b>1.5</b>	<b>0</b>	<b>247</b>

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

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

<sup>3</sup>Scotland reported cumulative cases from 19 August to 30 November.

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 6 days (Thursday 24 December to Tuesday 29 December 2020) and from 1 September to Tuesday 29 December 2020, respectively, in adult renal centres in England, Northern Ireland, Scotland and Wales by region, renal centre and country

Region/renal centre	N RRT patients alive end of 2018	Number of new deaths attributed to COVID-19 <sup>1</sup>						Number of cumulative deaths attributed to COVID-19 <sup>1</sup>								
		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		
<b>EAST OF ENGLAND</b>	<b>4,553</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>20</b>	<b>1.1</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>23</b>
Basildon	314	0	0	0	0	0	0	0	0.0	2	1.2	0	0.0	0	2	
Cambridge	1,417	0	0	0	0	0	0	0	0.0	0	0.0	2	0.2	0	2	
Chelmsford	270	0	0	0	0	0	0	0	0.0	1	0.9	0	0.0	0	1	
Colchester	121	0	0	0	0	0	0	0	0.0	6	5.0	0	0.0	0	6	
Ipswich	428	0	0	0	0	0	0	0	0.0	1	0.7	0	0.0	0	1	
Norwich	786	0	0	0	0	0	0	0	0.0	2	0.7	0	0.0	0	2	
Southend	260	0	0	1	0	0	1	0	0.0	6	4.7	0	0.0	0	6	
Stevenage	957	0	0	0	0	0	0	1	0.0	2	0.4	0	0.0	0	3	
<b>KENT, SURREY &amp; SUSSEX</b>	<b>2,169</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>0.0</b>	<b>15</b>	<b>1.7</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>30</b>
Brighton	1,055	3	0	0	0	0	3	10	0	0.0	1	0.2	0	0.0	0	11
Kent	1,114	0	0	0	0	0	0	3	0	0.0	14	3.3	2	0.3	0	19
<b>LONDON</b>	<b>14,394</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>15</b>	<b>4</b>	<b>0.4</b>	<b>38</b>	<b>0.7</b>	<b>4</b>	<b>0.1</b>	<b>0</b>	<b>61</b>
Carshalton	1,736	0	0	0	0	0	0	8	0	0.0	8	0.9	0	0.0	0	16
London Barts	2,610	0	0	0	0	0	0	0	0	0.0	9	0.8	0	0.0	0	9
London Guy's	2,225	0	0	0	0	0	0	3	0	0.0	3	0.4	0	0.0	0	6
London King's	1,186	0	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0
London Royal Free	2,234	0	0	0	0	0	0	0	1	0.6	2	0.3	0	0.0	0	3
London St George's	837	0	0	0	0	0	0	1	0	0.0	6	2.0	1	0.2	0	8
London West	3,566	1	0	0	1	0	2	3	3	1.9	10	0.7	3	0.2	0	19
<b>MIDLANDS EAST</b>	<b>4,253</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>79</b>	<b>2</b>	<b>0.5</b>	<b>9</b>	<b>0.6</b>	<b>1</b>	<b>0.0</b>	<b>0</b>	<b>91</b>
Derby	589	0	0	0	0	0	0	23	2	1.5	0	0.0	0	0.0	0	25
Leicester	2,468	2	0	0	0	0	2	43	0	0.0	5	0.5	0	0.0	0	48
Nottingham	1,196	1	0	0	0	0	1	13	0	0.0	4	1.1	1	0.1	0	18
<b>MIDLANDS WEST</b>	<b>6,485</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>76</b>	<b>3</b>	<b>0.4</b>	<b>34</b>	<b>1.2</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>115</b>
Birmingham <sup>2</sup>	3,248	0	0	0	0	0	0	55	1	0.3	12	0.9	1	0.1	0	69
Coventry	1,042	0	0	0	0	0	0	1	0	0.0	4	1.1	0	0.0	0	5
Dudley	361	0	0	0	0	0	0	0	0	0.0	7	3.4	0	0.0	0	7

Region/renal centre	N RRT patients alive end of 2018	Number of new deaths attributed to COVID-19 <sup>1</sup>						Number of cumulative deaths attributed to COVID-19 <sup>1</sup>								
		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	424	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0	0
Stoke	808	0	0	0	0	0	0	12	1	1.0	7	2.5	1	0.2	0	21
Wolverhampton	602	0	0	0	0	0	0	8	1	1.1	4	1.3	0	0.0	0	13
<b>NORTH EAST</b>	<b>2,930</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>1.0</b>	<b>10</b>	<b>1.0</b>	<b>3</b>	<b>0.2</b>	<b>0</b>	<b>17</b>
Carlisle	293	0	0	0	0	0	0	0	1	3.2	0	0.0	0	0.0	0	1
Middlesbrough	925	0	0	0	0	0	0	0	0	0.0	7	2.0	2	0.4	0	9
Newcastle	1,155	0	0	0	0	0	0	2	1	1.2	1	0.3	1	0.1	0	5
Sunderland	557	0	0	0	0	0	0	0	0	0.0	2	0.8	0	0.0	0	2
<b>NORTH WEST</b>	<b>6,458</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>68</b>	<b>3</b>	<b>0.6</b>	<b>35</b>	<b>1.6</b>	<b>10</b>	<b>0.3</b>	<b>0</b>	<b>116</b>
Liverpool Aintree	218	0	0	0	0	0	0	0	0	0.0	1	0.6	0	0.0	0	1
Liverpool Royal	1,277	0	0	0	0	0	0	0	0	0.0	8	2.2	0	0.0	0	8
Manchester Royal	2,073	0	0	0	0	0	0	4	1	0.7	6	1.2	2	0.1	0	13
Preston	1,322	2	0	0	0	0	2	49	0	0.0	11	2.1	5	0.7	0	65
Salford	1,173	0	0	1	0	0	1	8	2	1.3	4	1.0	3	0.5	0	17
Wirral	395	0	0	0	0	0	0	7	0	0.0	5	2.5	0	0.0	0	12
<b>SOUTH EAST</b>	<b>4,514</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0.0</b>	<b>7</b>	<b>0.6</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>15</b>
Oxford	1,940	0	0	0	0	0	0	0	0	0.0	4	0.9	0	0.0	0	4
Portsmouth	1,764	0	0	0	0	0	0	2	0	0.0	0	0.0	0	0.0	0	2
Reading	810	0	0	0	0	0	0	6	0	0.0	3	1.0	0	0.0	0	9
<b>SOUTH WEST</b>	<b>4,808</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>17</b>	<b>0</b>	<b>0.0</b>	<b>8</b>	<b>0.5</b>	<b>5</b>	<b>0.2</b>	<b>0</b>	<b>30</b>
Bristol	1,469	2	0	0	1	0	3	17	0	0.0	4	0.8	3	0.3	0	24
Dorset	765	0	0	0	0	0	0	0	0	0.0	0	0.0	1	0.2	0	1
Exeter	1,088	0	0	0	0	0	0	0	0	0.0	2	0.4	0	0.0	0	2
Gloucester	510	0	0	0	1	0	1	0	0	0.0	2	0.9	1	0.4	0	3
Plymouth	539	0	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0
Truro	437	0	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0
<b>YORKSHIRE &amp; HUMBER</b>	<b>5,637</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>58</b>	<b>1</b>	<b>0.3</b>	<b>20</b>	<b>1.0</b>	<b>13</b>	<b>0.4</b>	<b>1</b>	<b>93</b>
Bradford	686	0	0	0	0	0	0	8	0	0.0	7	2.7	2	0.5	0	17
Doncaster	332	0	0	0	0	0	0	4	0	0.0	3	1.7	2	1.7	0	9
Hull	883	0	0	0	0	0	0	9	0	0.0	1	0.3	1	0.2	0	11
Leeds	1,687	1	0	0	0	0	1	24	0	0.0	3	0.6	4	0.4	1	32
Sheffield	1,481	0	0	1	0	0	1	13	1	0.9	5	0.9	4	0.5	0	23
York	568	0	0	0	0	0	0	0	0	0.0	1	0.5	0	0.0	0	1

Region/renal centre	N RRT patients alive end of 2018	Number of new deaths attributed to COVID-19 <sup>1</sup>						Number of cumulative deaths attributed to COVID-19 <sup>1</sup>								
		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		
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0.0</b>	<b>4</b>	<b>0.7</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>8</b>
Antrim	274	0	0	0	0	0	0	0	0	0.0	2	1.7	0	0.0	0	2
Belfast	877	0	0	0	0	0	0	1	0	0.0	0	0.0	1	0.1	0	2
Newry	249	0	0	0	0	0	0	1	0	0.0	1	1.2	0	0.0	0	2
Ulster	190	0	0	0	0	0	0	0	0	0.0	1	0.9	1	1.4	0	2
West NI	324	0	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0
<b>SCOTLAND<sup>3</sup></b>	<b>5,245</b>							<b>0</b>	<b>0.0</b>	<b>14</b>	<b>0.7</b>	<b>3</b>	<b>0.1</b>	<b>0</b>	<b>17</b>	
<b>WALES</b>	<b>3,252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>2</b>	<b>0.7</b>	<b>19</b>	<b>1.6</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>45</b>
Bangor	202	0	0	0	0	0	0	0	0	0.0	0	0.0	0	0.0	0	0
Cardiff	1,721	0	0	0	0	0	0	0	0	0.0	8	1.4	0	0.0	0	8
Clwyd	190	0	0	0	0	0	0	0	0	0.0	0	0.0	1	1.0	0	1
Swansea	824	0	0	0	0	0	0	22	2	1.9	8	2.1	0	0.0	0	32
Wrexham	315	0	0	0	0	0	0	0	0	0.0	3	2.6	1	0.6	0	4
<b>ENGLAND</b>	<b>56,201</b>	<b>12</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>18</b>	<b>337</b>	<b>15</b>	<b>0.3</b>	<b>196</b>	<b>0.9</b>	<b>42</b>	<b>0.1</b>	<b>1</b>	<b>591</b>
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0.0</b>	<b>4</b>	<b>0.7</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>8</b>
<b>SCOTLAND<sup>3</sup></b>	<b>5,245</b>							<b>0</b>	<b>0.0</b>	<b>14</b>	<b>0.7</b>	<b>3</b>	<b>0.1</b>	<b>0</b>	<b>17</b>	
<b>WALES</b>	<b>3,252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>2</b>	<b>0.7</b>	<b>19</b>	<b>1.6</b>	<b>2</b>	<b>0.1</b>	<b>0</b>	<b>45</b>

<sup>1</sup>Numbers of deaths attributed to COVID-19 are lower than in previous reports because the new definition restricts a COVID-19 death to one that occurred within 28 days of a positive test.

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

<sup>3</sup>Scotland reported cumulative cases from 19 August to 30 November.

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 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 2018	Number of new positive tests in RRT patients									
		22-28 Oct	29 Oct-4 Nov	5 -11 Nov	12-18 Nov	19-25 Nov	26 Nov-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-29 Dec <sup>2</sup>
<b>EAST OF ENGLAND</b>	<b>4,553</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>12</b>	<b>7</b>	<b>14</b>	<b>12</b>	<b>19</b>	<b>19</b>
Basildon	314	0	0	0	1	1	0	1	3	1	6
Cambridge	1,417	0	0	2	2	2	0	3	0	6	3
Chelmsford	270	1	0	0	0	0	1	1	2	1	3
Colchester	121	0	4	1	2	2	1	0	0	0	
Ipswich	428	0	0	0	0	1	1	0	0	1	
Norwich	786	2	1	3	1	0	1	0	1	2	1
Southend	260	0	2	2	1	4	1	3	1	5	6
Stevenage	957	5	1	0	0	2	2	6	5	3	
<b>KENT, SURREY &amp; SUSSEX</b>	<b>2,169</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>22</b>	<b>15</b>	<b>9</b>	<b>18</b>	<b>3</b>
Brighton	1,055	2	0	0	1	0	0	0	2	8	3
Kent	1,114	4	1	2	4	10	22	15	7	10	
<b>LONDON</b>	<b>14,394</b>	<b>27</b>	<b>46</b>	<b>19</b>	<b>37</b>	<b>35</b>	<b>43</b>	<b>53</b>	<b>65</b>	<b>92</b>	<b>44</b>
Carshalton	1,736	9	5	4	3	0	3	4	9	8	0
London Barts	2,610	4	16	8	13	11	12	16	17	12	0
London Guy's	2,225	5	4	1	7	8	7	6	10	12	12
London King's	1,186	2	8	0	2	2	1	7	6	15	7
London Royal Free	2,234	1	2	0	1	1	1	2	5	13	
London St George's	837	1	2	0	0	2	6	6	3	6	10
London West	3,566	5	9	6	11	11	13	12	15	26	15
<b>MIDLANDS EAST</b>	<b>4,253</b>	<b>12</b>	<b>11</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>15</b>	<b>19</b>	<b>17</b>	<b>8</b>
Derby	589	0	2	3	2	2	2	4	2	3	0
Leicester	2,468	4	3	2	8	9	7	7	14	13	8
Nottingham	1,196	8	6	8	2	3	4	4	3	1	0
<b>MIDLANDS WEST</b>	<b>6,485</b>	<b>26</b>	<b>29</b>	<b>37</b>	<b>26</b>	<b>21</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>18</b>	<b>21</b>
Birmingham <sup>1</sup>	3,248	17	11	17	14	8	5	10	4	13	10
Coventry	1,042	0	2	2	4	1	1	4	6	2	3
Dudley	361	2	5	5	0	5	1	0	0	0	
Shrewsbury	424	0	0	0	1	0	0	0	0	0	
Stoke	808	1	6	8	4	5	4	1	2	3	7

Region/renal centre	N RRT patients alive end of 2018	Number of new positive tests in RRT patients									
		22-28 Oct	29 Oct-4 Nov	5 -11 Nov	12-18 Nov	19-25 Nov	26 Nov-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-29 Dec <sup>2</sup>
Wolverhampton	602	6	5	5	3	2	2	0	2	0	1
<b>NORTH EAST</b>	<b>2,930</b>	<b>4</b>	<b>8</b>	<b>10</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>13</b>	<b>16</b>	<b>6</b>
Carlisle	293	0	0	1	0	0	0	0	1	0	0
Middlesbrough	925	0	2	3	2	2	2	4	6	4	4
Newcastle	1,155	2	5	5	2	2	0	0	1	6	0
Sunderland	557	2	1	1	1	2	1	2	5	6	2
<b>NORTH WEST</b>	<b>6,458</b>	<b>31</b>	<b>28</b>	<b>27</b>	<b>30</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>16</b>	<b>11</b>	<b>6</b>
Liverpool Aintree	218	3	4	1	0	1	1	0	0	0	0
Liverpool Royal	1,277	3	4	5	3	0	2	2	0	0	0
Manchester Royal	2,073	7	7	3	4	5	2	4	3	2	0
Preston	1,322	9	12	9	13	4	5	3	5	2	0
Salford	1,173	6	1	8	10	4	2	3	6	5	2
Wirral	395	3	0	1	0	1	0	1	2	2	4
<b>SOUTH EAST</b>	<b>4,514</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>20</b>	<b>9</b>	<b>3</b>	<b>9</b>	<b>24</b>	<b>19</b>	<b>8</b>
Oxford	1,940	1	3	5	14	3	1	8	17	8	3
Portsmouth	1,764	1	1	3	5	4	0	0	2	7	5
Reading	810	1	1	0	1	2	2	1	5	4	0
<b>SOUTH WEST</b>	<b>4,808</b>	<b>4</b>	<b>14</b>	<b>13</b>	<b>10</b>	<b>7</b>	<b>17</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>1</b>
Bristol	1,469	2	10	3	1	1	5	2	0	3	1
Dorset	765	1	0	0	1	0	0	0	2	1	0
Exeter	1,088	1	2	2	6	5	7	2	4	0	0
Gloucester	510	0	0	5	2	1	5	1	1	0	0
Plymouth	539	0	1	3	0	0	0	1	1	0	0
Truro	437	0	1	0	0	0	0	0	0	0	0
<b>YORKSHIRE &amp; HUMBER</b>	<b>5,637</b>	<b>22</b>	<b>29</b>	<b>32</b>	<b>34</b>	<b>19</b>	<b>18</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>7</b>
Bradford	686	3	5	9	12	2	3	2	0	1	2
Doncaster	332	1	1	1	1	4	1	3	1	2	1
Hull	883	3	8	10	2	1	1	1	2	0	0
Leeds	1,687	7	7	3	12	5	5	4	5	3	1
Sheffield	1,481	8	8	7	6	5	7	1	4	6	3
York	568	0	0	2	1	2	1	1	0	0	0
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>1</b>
Antrim	274	2	1	1	0	1	0	0	3	0	0
Belfast	877	2	2	1	1	2	2	2	0	0	0

Region/renal centre	N RRT patients alive end of 2018	Number of new positive tests in RRT patients									
		22-28 Oct	29 Oct-4 Nov	5 -11 Nov	12-18 Nov	19-25 Nov	26 Nov-2 Dec	3-9 Dec	10-16 Dec	17-23 Dec	24-29 Dec <sup>2</sup>
Newry	249	0	2	1	0	0	1	0	0	1	1
Ulster	190	1	0	1	0	0	0	0	0	0	
West NI	324	0	0	0	3	1	1	3	0	0	
<b>WALES</b>	<b>3,252</b>	<b>5</b>	<b>9</b>	<b>13</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>7</b>
Bangor	202	0	0	0	0	1	0	0	0	0	0
Cardiff	1,721	3	5	5	5	0	0	5	3	0	2
Clwyd	190	1	0	0	0	0	0	0	0	0	0
Swansea	824	0	2	7	4	5	4	5	2	7	4
Wrexham	315	1	2	1	0	1	3	1	2	2	1
<b>ENGLAND</b>	<b>56,201</b>	<b>143</b>	<b>179</b>	<b>169</b>	<b>186</b>	<b>148</b>	<b>151</b>	<b>158</b>	<b>192</b>	<b>226</b>	<b>123</b>
<b>NORTHERN IRELAND</b>	<b>1,914</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>1</b>
<b>WALES</b>	<b>3,252</b>	<b>5</b>	<b>9</b>	<b>13</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>11</b>	<b>7</b>	<b>9</b>	<b>7</b>

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

<sup>2</sup>The 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

## 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/health-professionals/covid-19>