

COVID-19 vaccination surveillance report for renal centres in England

Up to 27 January 2021

ABOUT THIS REPORT

The COVID-19 vaccination surveillance reports complement the [COVID-19 surveillance reports](#) published since March 2020 by the UK Renal Registry (UKRR). The first vaccination report was published on 22 January 2021 in response to the roll-out of SARS-CoV-2 vaccines from December 2020 onwards.

The vaccination reports are primarily about adults aged ≥ 18 years who receive substantive care from an adult renal centre in England and who have been vaccinated against SARS-CoV-2. This includes people with advanced chronic kidney disease (CKD stages 4 and 5), as well as people on renal replacement therapy (RRT – dialysis or a transplant) for end-stage kidney disease. Dialysis modalities include in-centre haemodialysis (ICHHD), home haemodialysis (HHD) and peritoneal dialysis (PD).

Currently, the data are submitted directly from the renal centres, but the UKRR is working towards obtaining vaccination information via linkage of the 2020 CKD and RRT patients in England with a national vaccination database that will be established by NHS England and should be available to access around the end of March 2021. The data collected directly from renal centres are deliberately limited so as not to add significantly to the burden of work in renal centres:

- NHS number
- Date of birth
- Date of vaccination (if the exact day is unknown default it to the 15th of the month)
- Type of vaccination
- Date of vaccination decline (if applicable)
- Reason for vaccination decline (if applicable)
 - Concerned about the safety of the vaccination
 - Allergies
 - Worried about the vaccination and my other medications
 - Don't believe in vaccination
 - Cultural or religious concerns
 - Other.

SUGGESTED CITATION & DISCLAIMER

UK Renal Registry (2021) COVID-19 vaccination surveillance report for renal centres in England. 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

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

KEY POINTS

In **adult renal centres in England**, up to **Wednesday 27 January 2021**:

- 29 of the 51 renal centres submitted COVID-19 vaccination data to the UK Renal Registry (UKRR) for 2,814 patients, 61.9% of whom were on ICHD.
- In total, 8.2% of ICHD patients cared for by the 29 centres have been vaccinated.
- 7.6% of patients who received a first vaccination have now also received a second vaccination.
- 13 centres reported that 72 patients declined the COVID-19 vaccination.
- The main reason for declination was safety concerns (reported by 19%).
- 60.6% of patients have been vaccinated with the Pfizer vaccine, 23.1% with the Oxford-AstraZeneca vaccine and for 16.4% of patients it was unknown which vaccination was used.

SURVEILLANCE

Table 1 Number of reported SARS-CoV-2 vaccinations in CKD and RRT patients up to 27 January 2021 in adult renal centres in England by region and renal centre

Region/renal centre	Cumulative number of patients vaccinated up to 27 January 2021						% of patients vaccinated up to 27 January 2021					
	CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)	ICHD	TPLT	TOTAL	2 nd vaccination
EAST OF ENGLAND	59	6	56	8	11	140	2.1	2.1	3.0	0.3	1.8	11.4
Basildon	49	6	24	2	4	85	16.2	30.0	12.3	1.5	13.0	5.9
Cambridge	7	0	11	5	6	29	2.9	0.0	3.9	0.3	1.4	31.0
Chelmsford	0	0	21	1	0	22	0.0	0.0	15.3	0.6	3.6	4.5
Colchester	-	-	-	-	-	-	-	-	-	-	-	-
Ipswich ¹	-	-	-	-	-	-	-	-	-	-	-	-
Norwich	3	0	0	0	1	4	0.9	0.0	0.0	0.0	0.3	25.0
Southend ¹	-	-	-	-	-	-	-	-	-	-	-	-
Stevenage	-	-	-	-	-	-	-	-	-	-	-	-
KENT, SURREY & SUSSEX	1	9	64	9	1	84	0.0	5.4	7.5	0.8	1.6	9.5
Brighton	1	9	64	9	1	84	0.1	9.8	15.0	1.6	2.9	9.5
Kent	-	-	-	-	-	-	-	-	-	-	-	-
LONDON	49	61	302	94	16	522	0.2	5.4	5.2	1.1	1.3	8.2
Carshalton	1	0	72	0	0	73	0.0	0.0	8.1	0.0	0.4	6.8
London Barts	-	-	-	-	-	-	-	-	-	-	-	-
London Guy's	-	-	-	-	-	-	-	-	-	-	-	-
London King's	33	56	94	25	15	223	3.3	53.8	13.9	4.8	9.7	8.5
London Royal Free	-	-	-	-	-	-	-	-	-	-	-	-
London St George's	15	5	57	20	0	97	3.7	8.3	17.0	4.4	7.7	19.6
London West	0	0	79	49	1	129	0.0	0.0	6.2	2.4	1.9	0.0
MIDLANDS EAST	14	41	245	23	10	333	0.3	9.7	15.9	0.9	3.6	7.5
Derby	1	5	42	6	1	55	0.2	3.9	17.7	2.0	4.9	12.7
Leicester	9	29	179	1	2	220	0.3	16.7	18.8	0.1	3.7	7.7
Nottingham	4	7	24	16	7	58	0.4	5.8	6.9	2.3	2.7	1.7

Renal centre	Cumulative number of patients vaccinated up to 27 January 2021						% of patients vaccinated up to 27 January 2021					
	CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)	ICHD	TPLT	TOTAL	2 nd vaccination
MIDLANDS WEST	28	10	284	15	22	359	0.4	1.3	10.9	0.5	2.8	7.8
Birmingham ²	2	2	125	0	1	130	0.1	0.6	9.9	0.0	2.7	5.4
Coventry	10	0	41	1	3	55	0.7	0.0	11.3	0.2	2.1	3.6
Dudley	1	2	14	2	2	21	0.1	4.5	6.7	1.6	1.2	0.0
Shrewsbury ¹	-	-	-	-	-	-	-	-	-	-	-	-
Stoke	5	0	21	1	10	37	0.4	0.0	8.0	0.6	2.2	35.1
Wolverhampton	10	6	83	11	6	116	1.3	6.7	26.2	4.2	8.1	5.2
NORTH EAST	8	1	84	16	3	112	0.4	0.5	8.2	0.9	2.3	5.4
Carlisle ¹	-	-	-	-	-	-	-	-	-	-	-	-
Middlesbrough	8	1	84	16	3	112	1.3	2.2	25.9	2.6	7.0	5.4
Newcastle	-	-	-	-	-	-	-	-	-	-	-	-
Sunderland	-	-	-	-	-	-	-	-	-	-	-	-
NORTH WEST	2	3	177	2	44	228	0.0	0.6	8.2	0.1	0.9	1.3
Liverpool Aintree	0	0	105	0	0	105	0.0	0.0	64.0	0.0	1.1	2.9
Liverpool Royal	-	-	-	-	-	-	-	-	-	-	-	-
Manchester Royal	-	-	-	-	-	-	-	-	-	-	-	-
Preston ¹	2	3	72	2	44	123	-	3.3	14.2	0.3	9.2	0.0
Salford	-	-	-	-	-	-	-	-	-	-	-	-
Wirral	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH EAST	2	1	26	36	1	66	0.1	0.3	1.8	1.2	1.0	9.1
Oxford	-	-	-	-	-	-	-	-	-	-	-	-
Portsmouth	-	-	-	-	-	-	-	-	-	-	-	-
Reading	2	1	26	36	1	66	1.0	1.6	8.5	7.2	6.2	9.1
SOUTH WEST	21	10	110	41	237	419	0.7	3.1	6.2	1.5	5.2	6.4
Bristol	-	-	-	-	-	-	-	-	-	-	-	-
Dorset ¹	1	6	34	35	30	106	-	12.5	11.8	8.0	13.7	25.5
Exeter	-	-	-	-	-	-	-	-	-	-	-	-
Gloucester ¹	15	0	0	6	204	225	-	0.0	0.0	2.2	42.9	0.0
Plymouth	-	-	-	-	-	-	-	-	-	-	-	-
Truro	5	4	76	0	3	88	1.7	17.4	47.5	0.0	11.8	0.0

Renal centre	Cumulative number of patients vaccinated up to 27 January 2021						% of patients vaccinated up to 27 January 2021					
	CKD	HT (HHD+PD)	ICHD	TPLT	Missing	TOTAL	CKD	HT (HHD+PD)	ICHD	TPLT	TOTAL	2 nd vaccination
YORKSHIRE & HUMBER	60	27	394	34	36	551	1.2	7.0	18.6	1.0	5.1	9.4
Bradford	7	17	221	8	4	257	1.3	53.1	79.8	1.9	20.6	3.5
Doncaster	-	-	-	-	-	-	-	-	-	-	-	-
Hull	28	2	17	4	6	57	5.1	3.1	4.7	0.8	3.9	38.6
Leeds	3	4	60	0	0	67	0.2	4.6	10.8	0.0	2.2	13.4
Sheffield	20	2	49	10	26	107	2.1	1.4	8.9	1.4	4.5	0.0
York	2	2	47	12	0	63	0.4	4.8	24.4	3.6	5.8	19.0
ENGLAND	244	169	1,742	278	381	2,814	0.3	3.7	8.2	0.8	2.1	7.6

¹Denominator for 2019 used for calculation of percentages for Ipswich, Southend, Shrewsbury, Carlisle, Preston, Dorset and Gloucester. CKD estimates not available for these centres and % of CKD patients vaccinated could not be calculated.

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

- means that the centre has not submitted vaccination 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>