

NHS BLOOD & TRANSPLANT

Liver Monthly Utilisation Report, 1 January 2020 to 13 November 2023

This report examines the offering outcome of livers offered for transplantation from UK deceased donors between 1 January 2020 and 13 November 2023 as recorded on the UK Transplant Registry on 16 November 2023.

Figure 1 Number of livers from UK deceased donors offered, retrieved and transplanted, 1 January 2020 to 13 November 2023

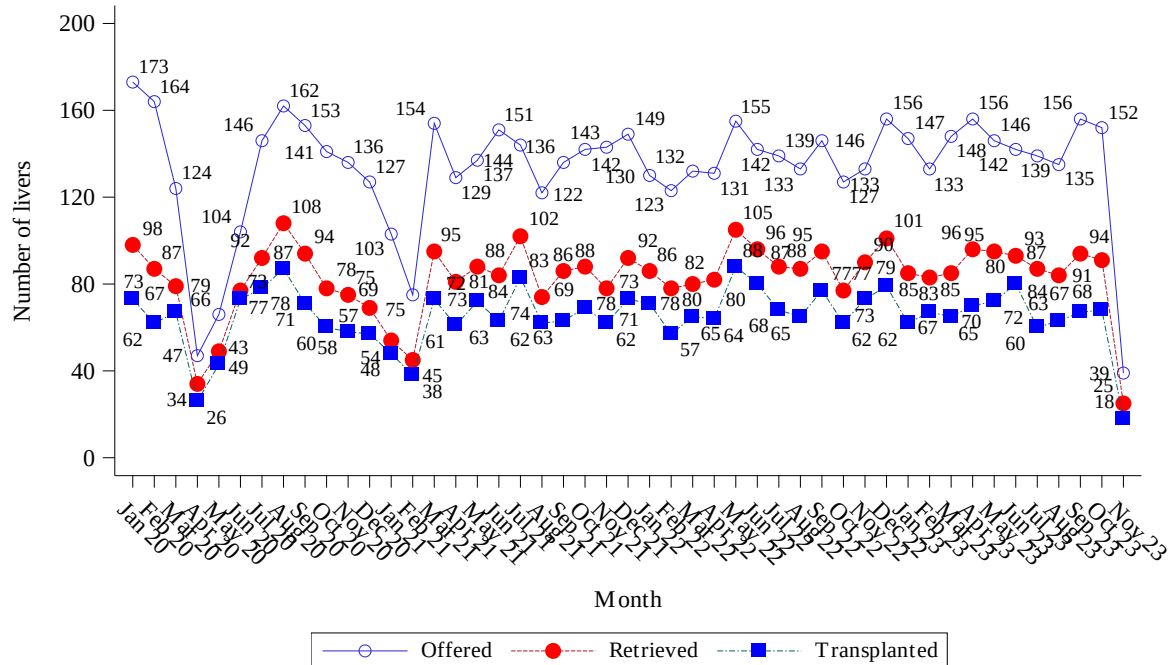


Figure 2A Number of livers from UK DBD donors offered, retrieved and transplanted, 1 January 2020 to 13 November 2023

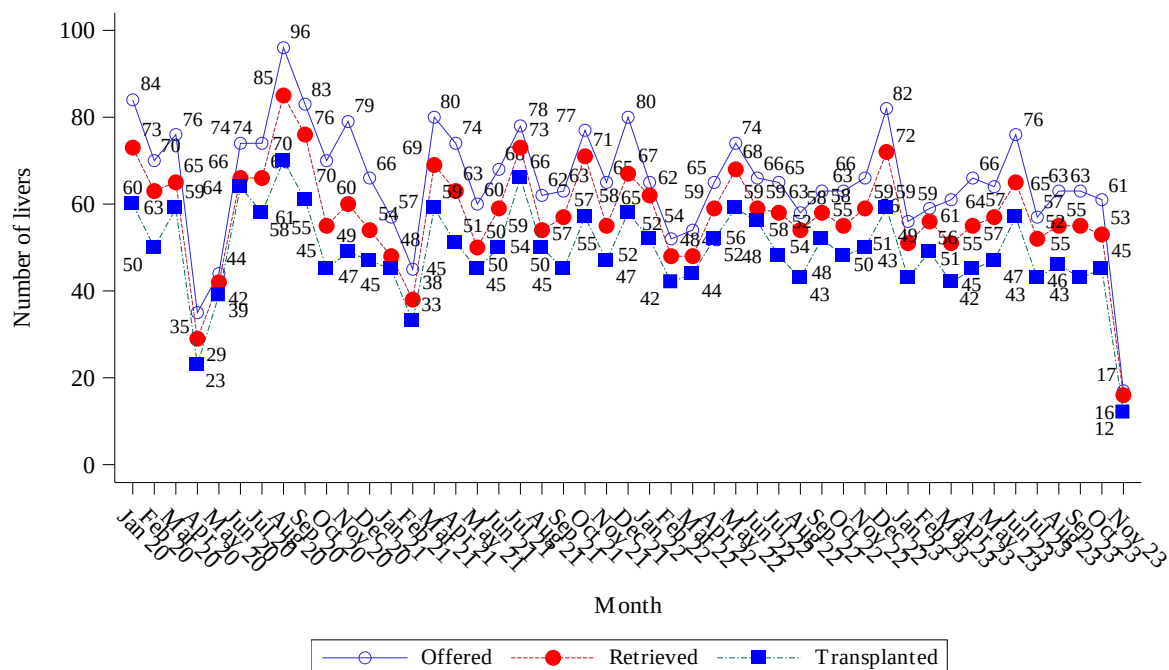


Figure 2B Number of livers from UK DCD donors offered, retrieved and transplanted, 1 January 2020 to 13 November 2023

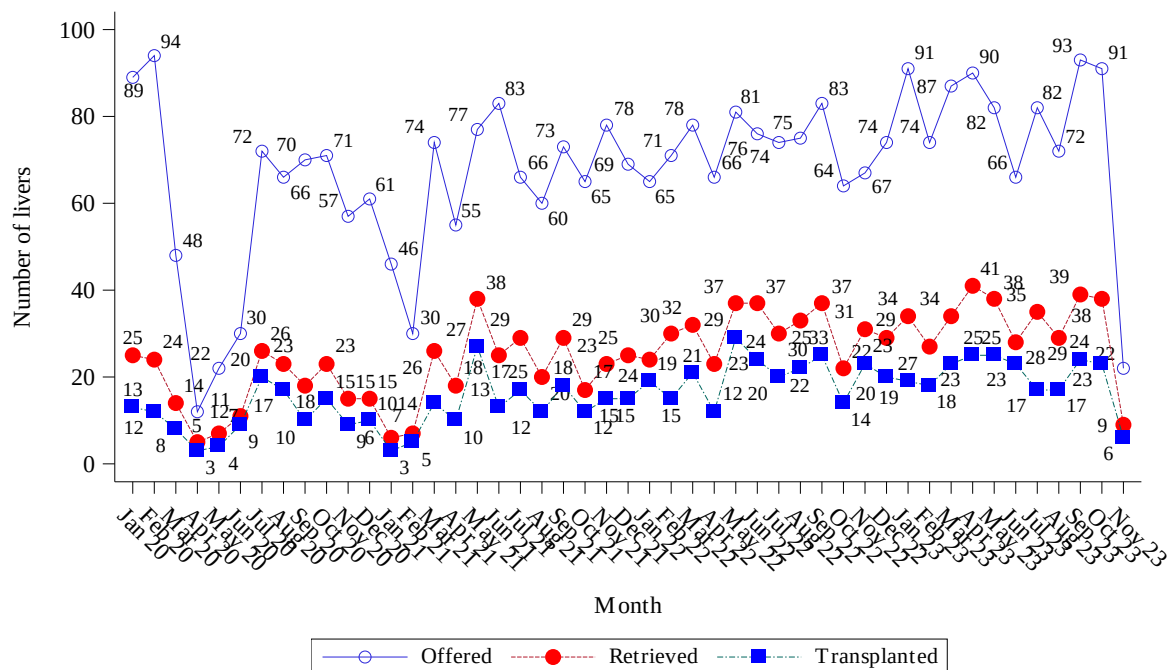


Figure 3 Number of liver transplants performed in the UK, by donor type, 1 January 2020 to 13 November 2023

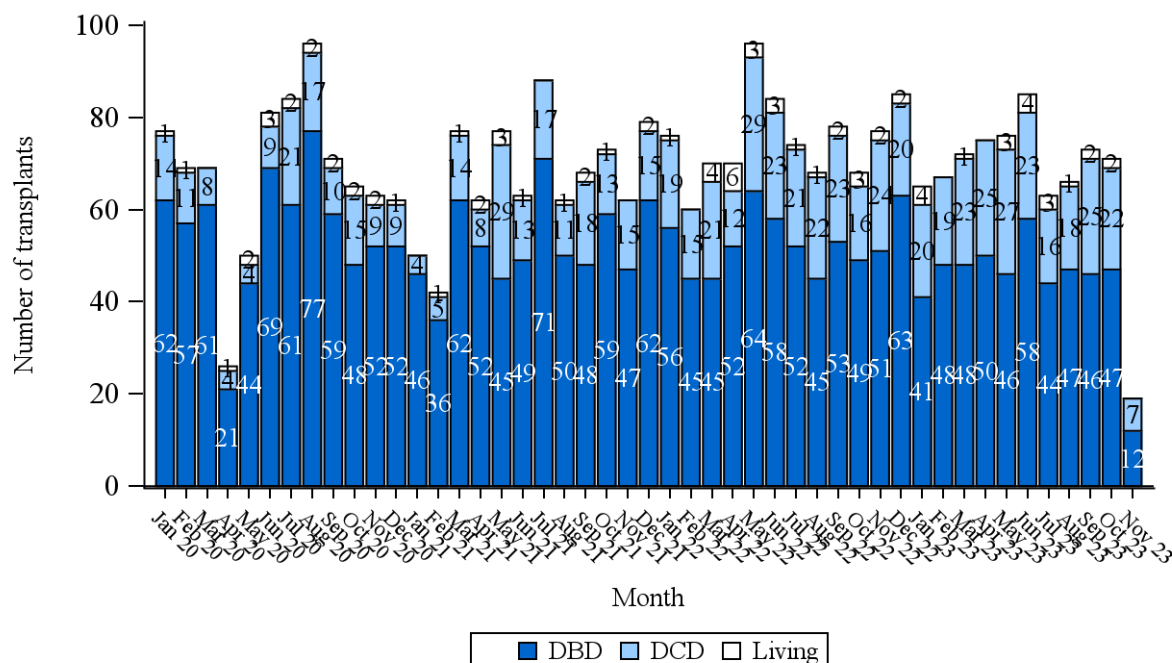


Figure 4A Number of liver transplants performed in the UK, by transplant centre and donor type, 22 August 2023 to 13 November 2023

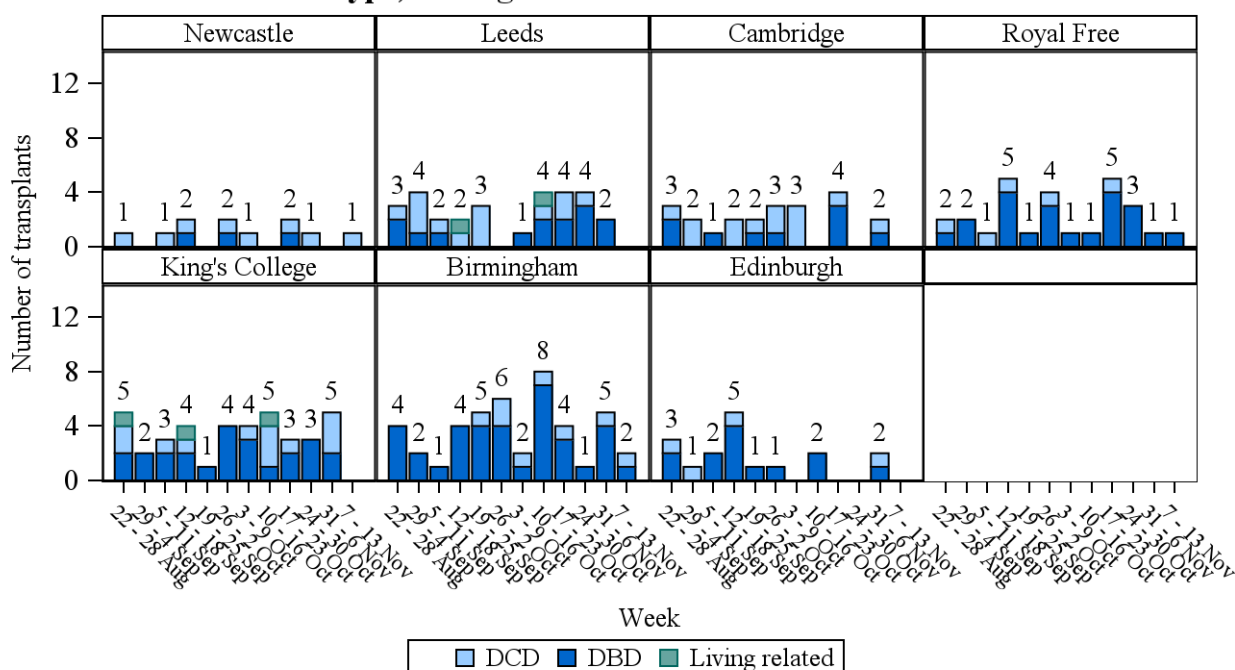


Figure 5 Number of deceased donor liver transplants performed in the UK, by NRP, 1 January 2020 to 13 November 2023

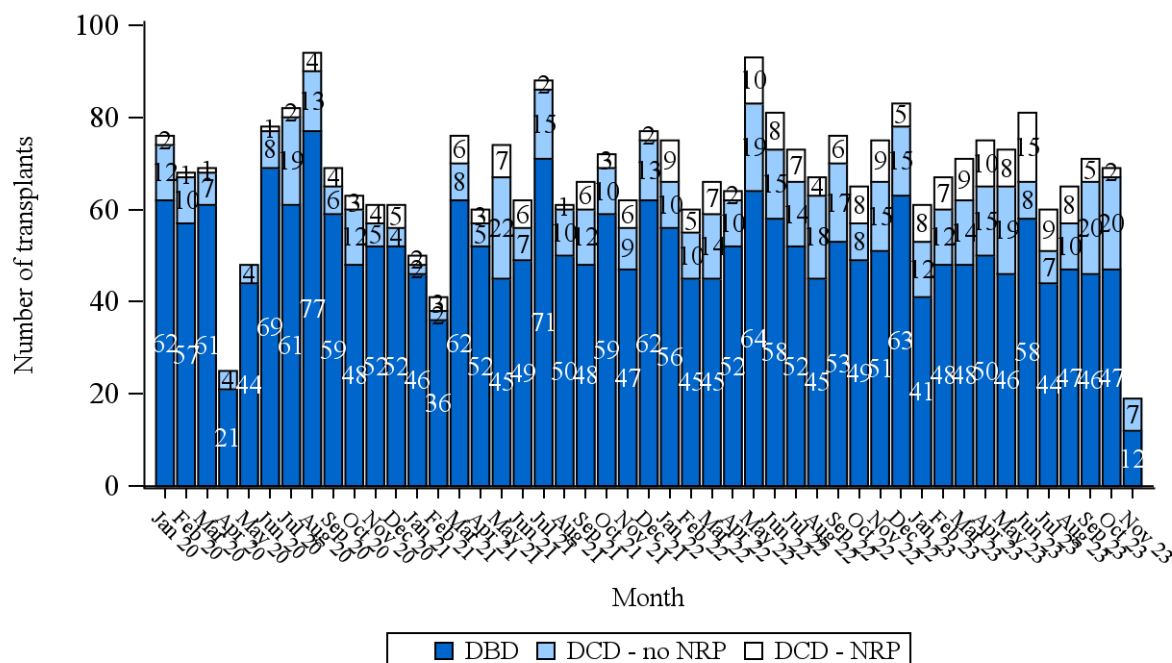


Figure 6A Number of deceased donor liver transplants performed in the UK, by transplant centre and NRP, 22 August 2023 to 13 November 2023

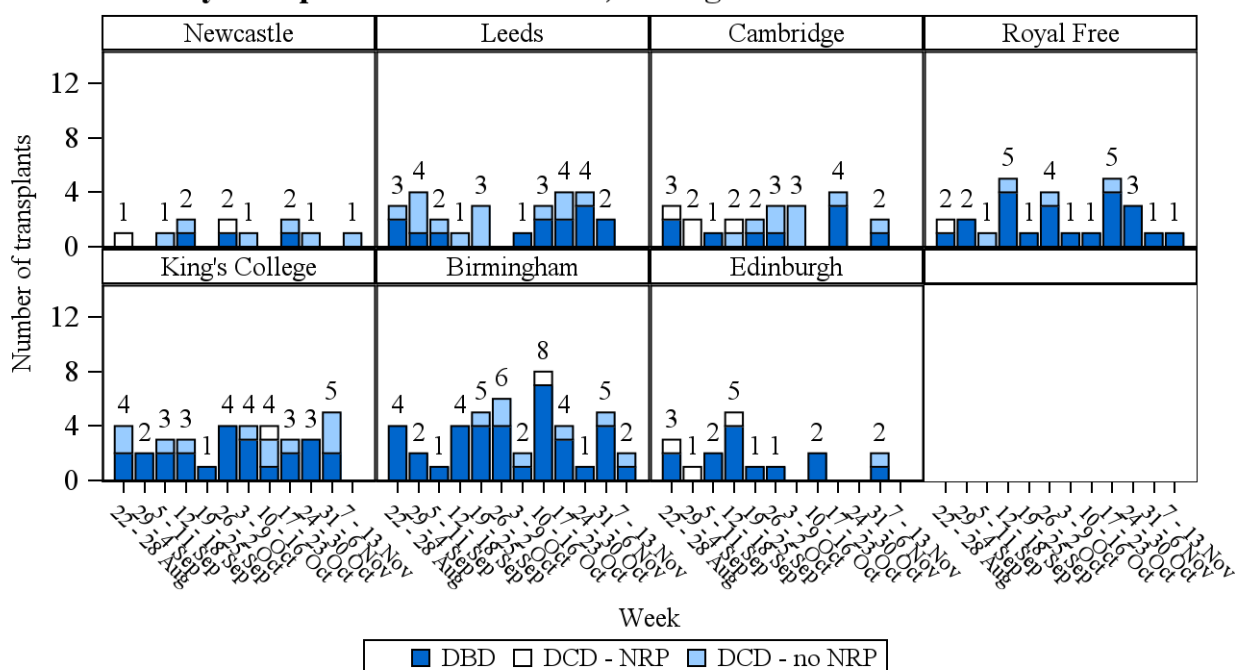


Figure 7 Number of deceased donor liver transplants performed in the UK, by urgency status, 1 January 2020 to 13 November 2023

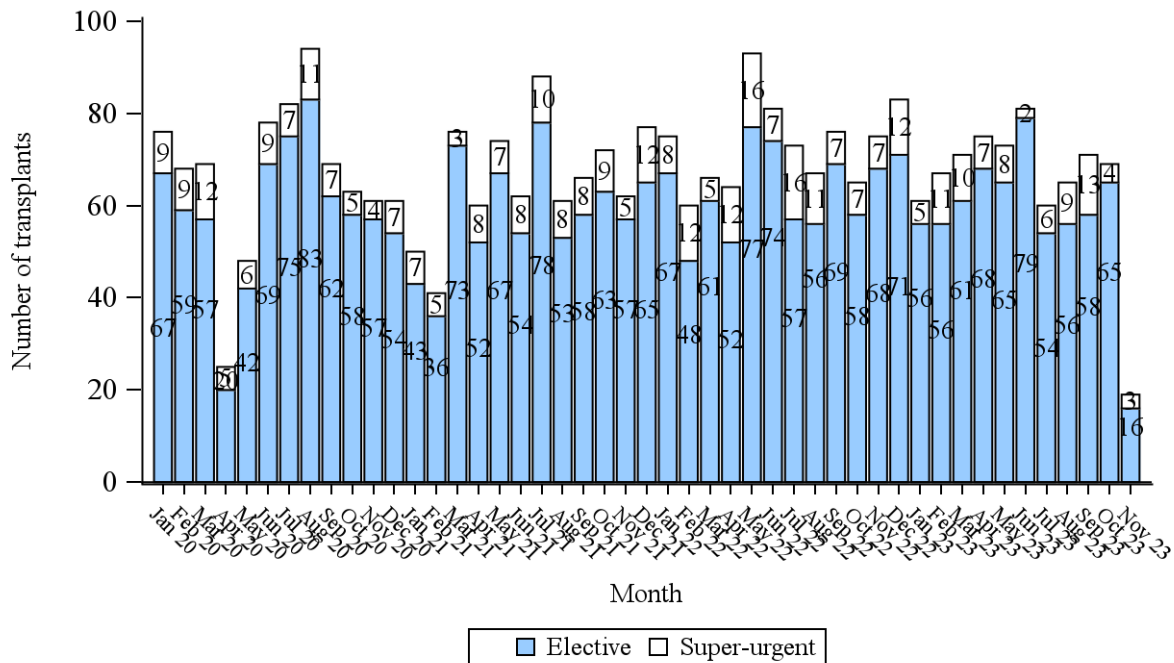


Figure 8A Number of deceased donor liver transplants performed in the UK, by transplant centre and urgency status, 22 August 2023 to 13 November 2023

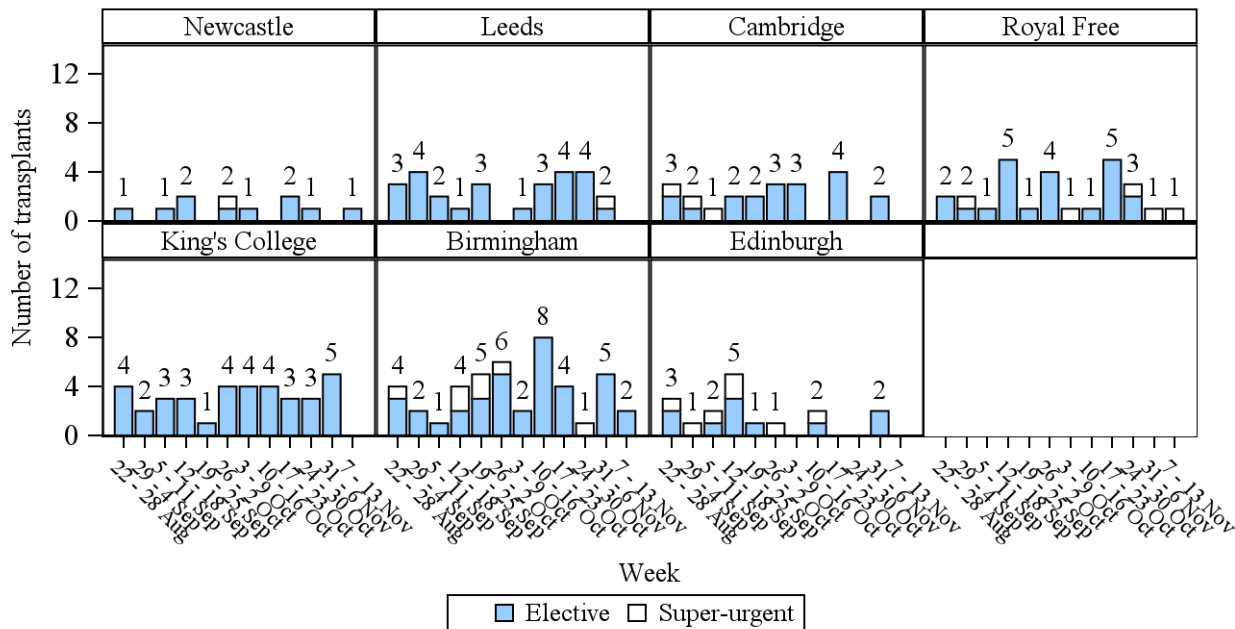


Figure 9 Number of deceased donor liver transplants performed in the UK, by age group, 1 January 2020 to 13 November 2023

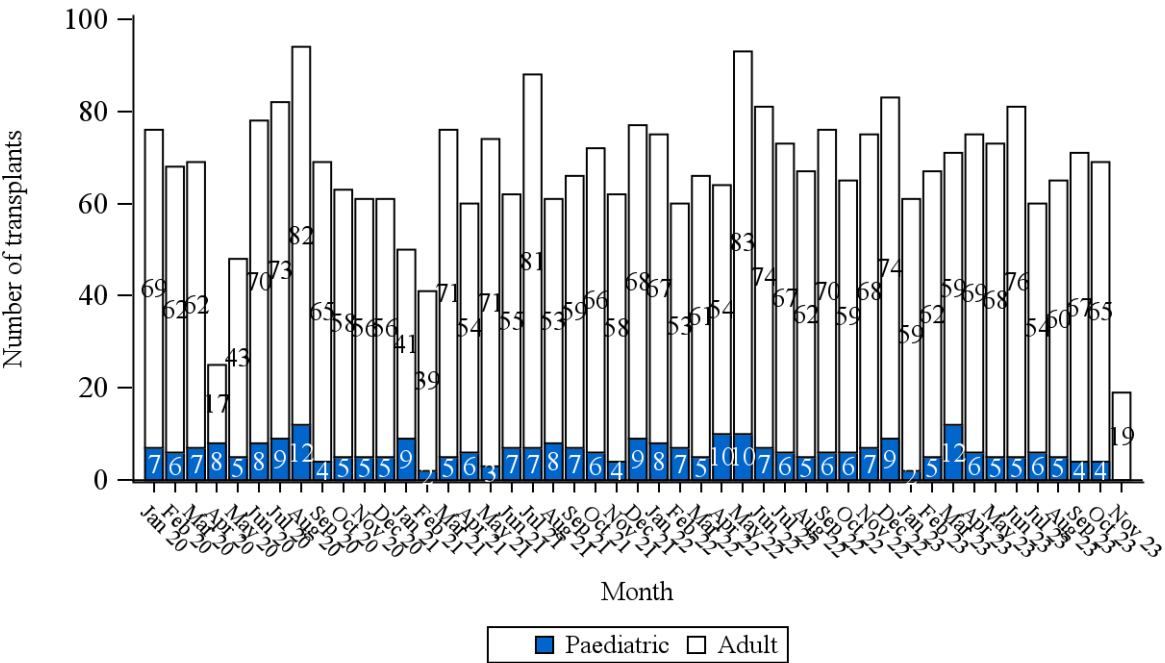


Figure 10 Number of deceased donor liver transplants performed in the UK, by transplant centre and age group, 22 August 2023 to 13 November 2023

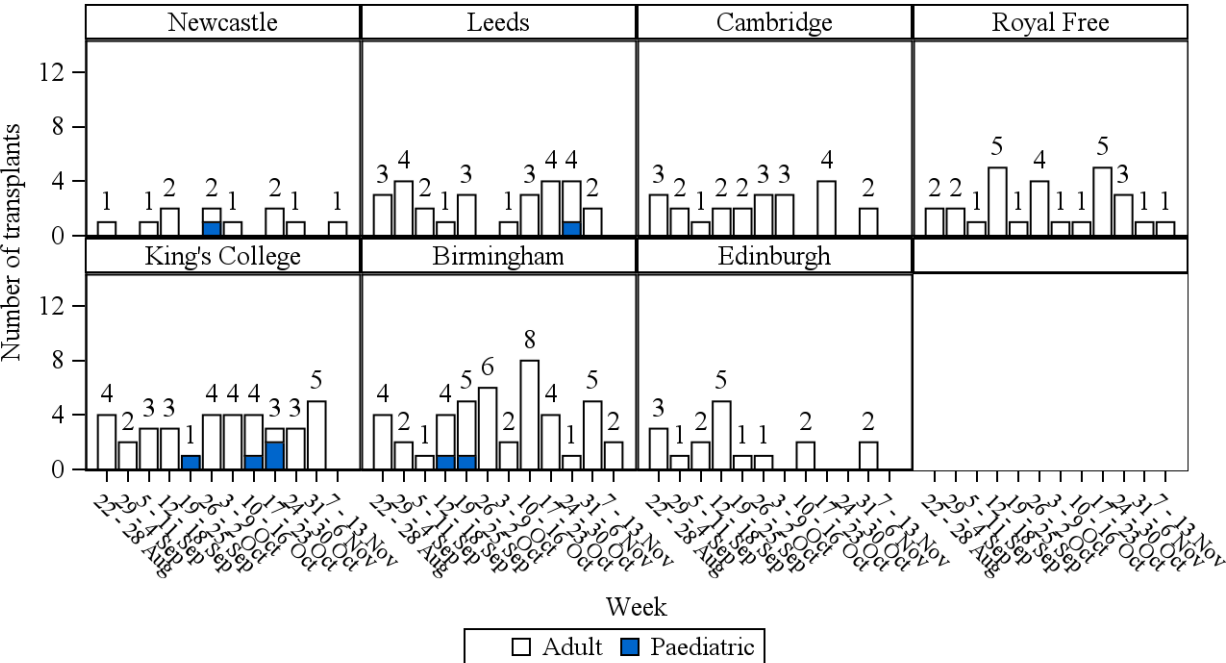


Table 1A Reasons DBD named patient liver offers were declined for livers transplanted, by centre

Reason	Transplant centre							Total
	N	L	C	RF	KC	B	E	
Donor unsuitable - age	2	1	0	1	0	0	0	4
Donor unsuitable - past history	0	1	0	0	0	0	1	2
Donor unsuitable - size	0	0	0	0	1	0	0	1
No time	0	0	0	0	0	1	0	1
Centre already retrieving/transplanting	0	1	0	1	0	0	0	2
Poor function	0	1	0	4	1	1	0	7
Ischaemia time too long - cold	0	1	0	0	0	0	0	1
Recipient unfit	0	1	1	0	0	0	0	2
Recipient unavailable	0	0	0	0	0	1	0	1
Recipient refused	0	0	0	0	1	0	0	1
Recipient did not need transplant	0	2	2	2	0	2	1	9
Other	1	1	2	0	1	2	2	9
TOTAL	3	9	5	8	4	7	4	40

Table 1B Reasons DBD fast-track liver offers were declined for livers transplanted, by centre

Reason	Transplant centre							Total
	N	L	C	RF	KC	B	E	
Donor unsuitable - past history	0	0	0	0	1	-	0	1
No suitable recipients	1	0	0	0	0	-	0	1
No time	0	0	0	0	0	-	1	1
Centre already retrieving/transplanting	0	0	1	0	0	-	0	1
Ischaemia time too long - cold	0	1	0	0	0	-	0	1
No response to fast track offer	1	1	1	1	1	-	1	6
TOTAL	2	2	2	1	2	-	2	11

Table 1C Reasons DCD liver offers were declined for livers transplanted, by centre

Reason	Transplant centre							Total
	N	L	C	RF	KC	B	E	
Donor unsuitable - age	1	1	1	1	0	0	1	5
Donor unsuitable - past history	1	0	0	0	1	1	0	3
Donor unsuitable - size	0	1	0	0	0	0	0	1
No suitable recipients	1	0	0	0	0	0	0	1
Centre already retrieving/transplanting	0	3	0	2	1	1	0	7
Poor function	0	0	0	0	1	0	0	1
Ischaemia time too long - cold	0	0	0	0	0	0	2	2
No response to fast track offer	0	0	2	0	0	1	0	3
Other	0	0	0	0	1	0	1	2
TOTAL	3	5	3	3	4	3	4	25

Figure 11 **Number of patients on the liver transplant list at the end of each month, January 2020 - 16 November 2023**

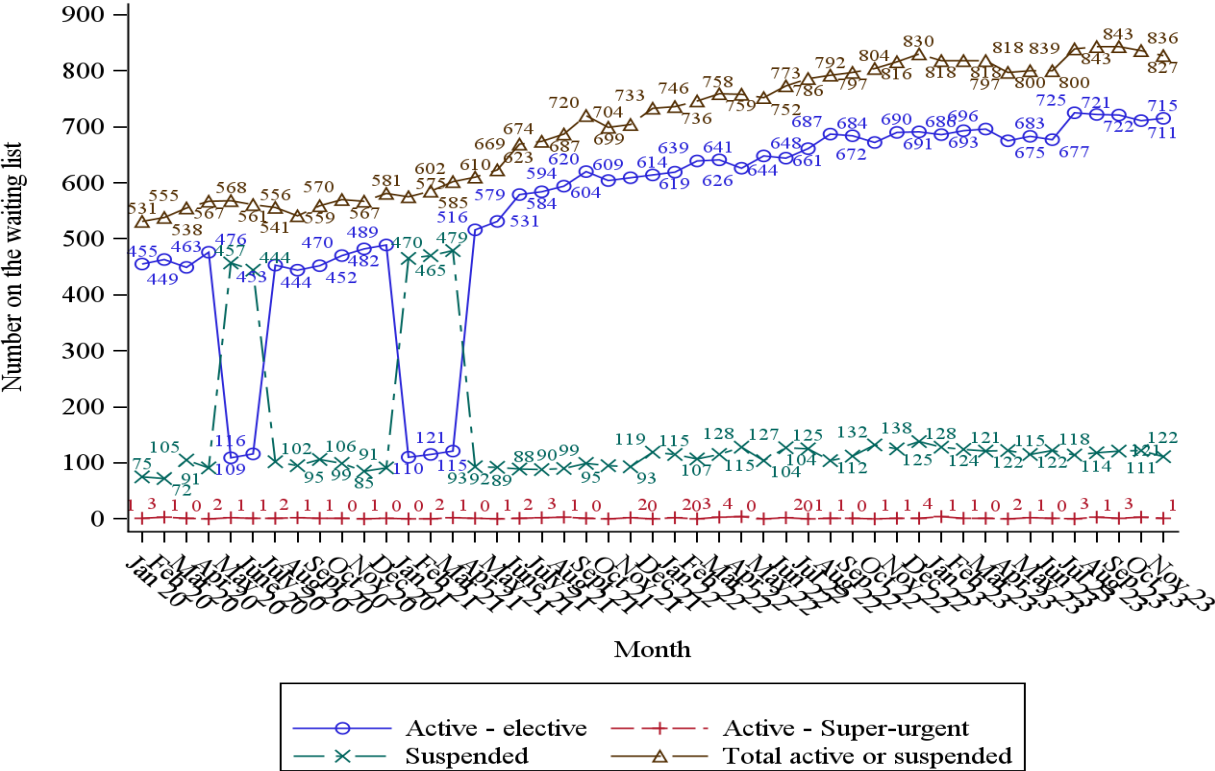


Figure 12 **Number of patients on the liver transplant list at the end of each month, by centre, January 2020 - 16 November 2023**

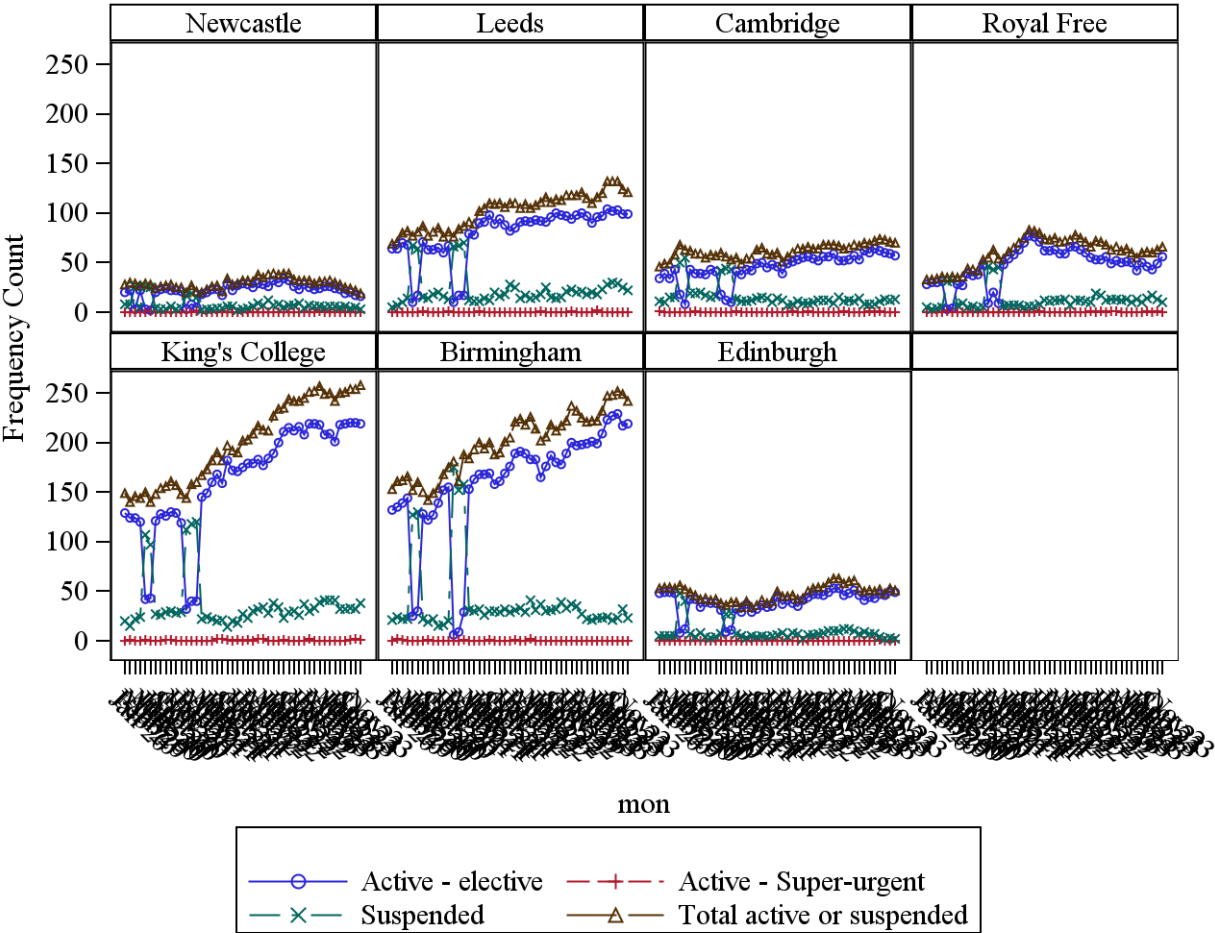


Figure 13 Number of adult patients on the liver transplant list at the end of each month, January 2020 - 16 November 2023

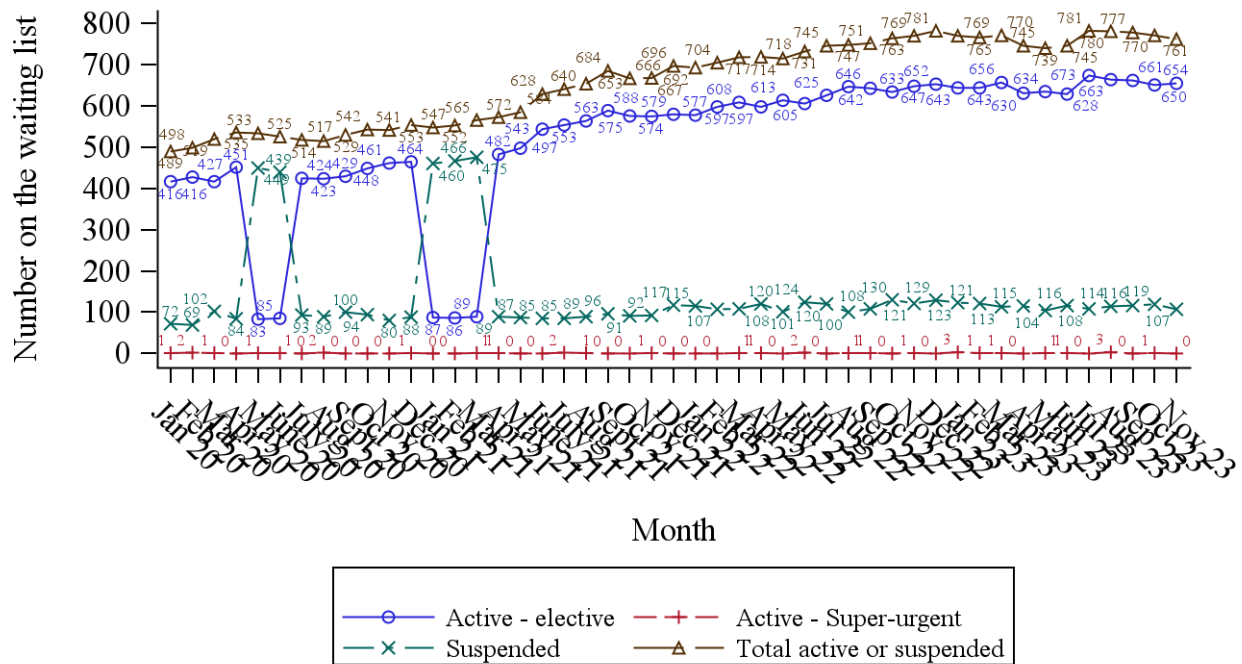
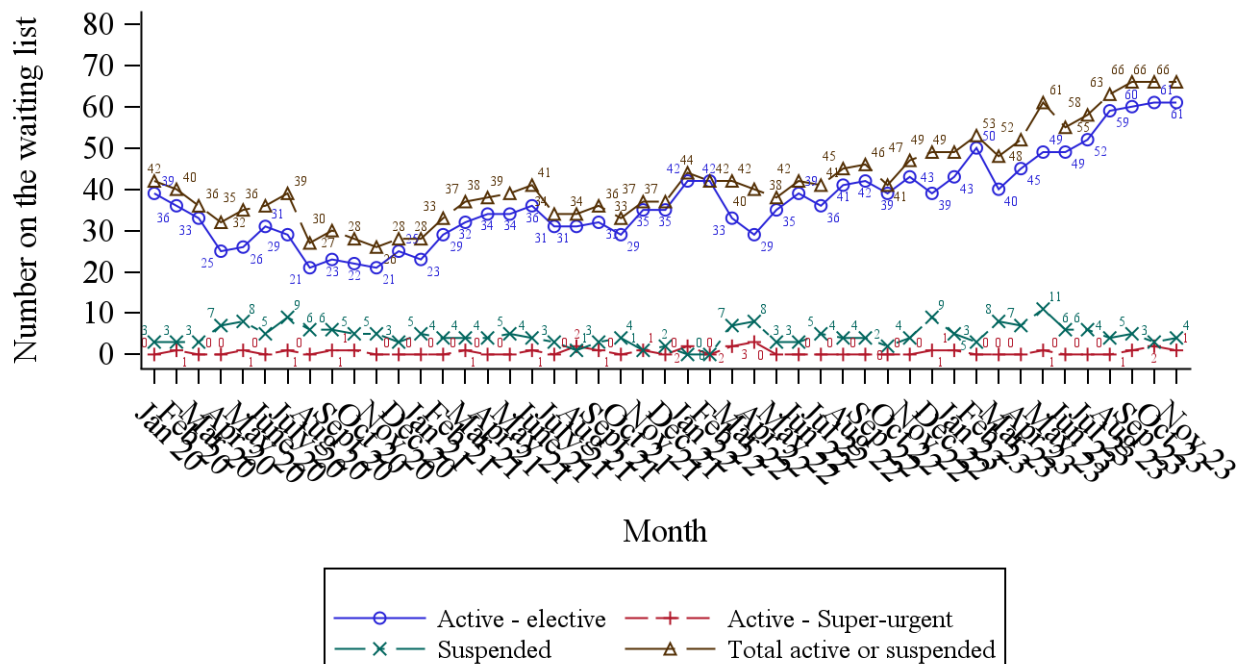


Figure 14 Number of paediatric patients on the liver transplant list at the end of each month, January 2020 - 16 November 2023



715 patients active on the UK elective liver list on 16 November 2023:

- 654 adult
- 61 paediatric

One paediatric blood group A patient at King's College is currently active on the super-urgent list: as at 16 November 2023

Additional 18 patients currently active on intestinal list and 9 suspended

- 12 also require a liver (9 active and 3 suspended)

Figure 15 **Total number of adult patients on the elective UK liver transplant list on 16 November 2023, by registration status**

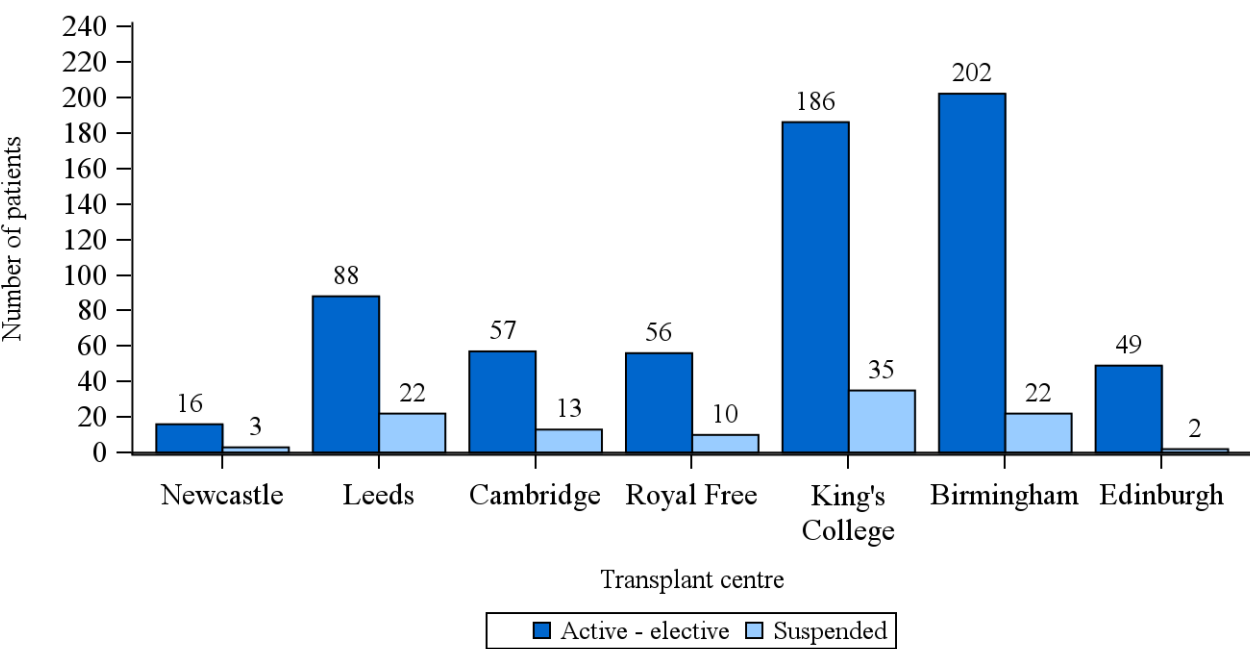


Figure 16 **Total number of paediatric patients on the elective UK liver transplant list on 16 November 2023, by registration status**

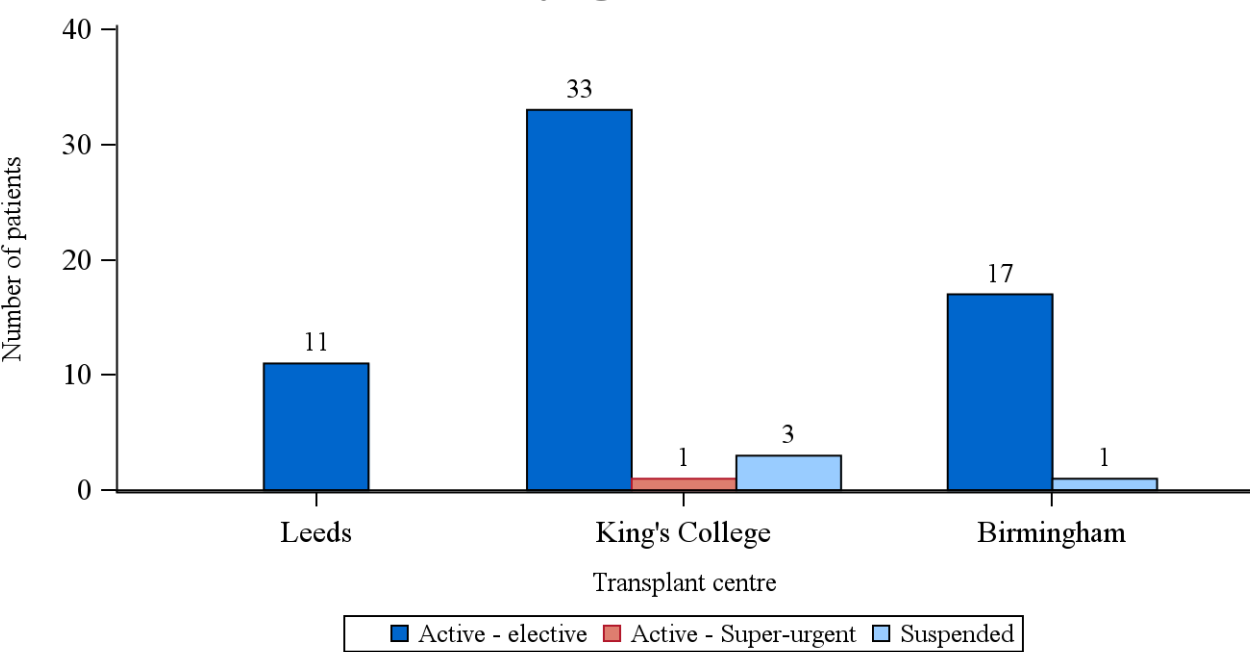


Table 2 Reason given for recipient suspensions by transplant centre as at 16 November 2023

Status reason	Transplant centre							Total
	N	L	C	RF	KC	B	E	
Condition improved	0	9	6	2	5	3	0	25
Condition deteriorated/patient unfit/medical contra-indication	0	7	2	4	15	7	1	36
Medical investigations	2	2	3	1	6	6	0	20
Patient/parent request	0	2	1	1	3	5	1	13
Patient/non-compliant	0	1	0	1	1	0	0	3
Patient temporarily unavailable for transplant for non-medical reasons	1	0	1	0	5	0	0	7
Other (please specify)	0	1	0	1	3	2	0	7
TOTAL	3	22	13	10	38	23	2	111

Table 2A Time suspended by reason suspended for patients suspended as at 16 November 2023

Status reason							N (%) suspended for >6 months
	N	%	Median	IQR	Min	Max	
Condition improved	25	23	126	90-227	2	2068	8 (32)
Condition deteriorated/patient unfit/medical contra-indication	36	32	59	21-181	1	720	9 (25)
Medical investigations	20	18	36	11.5-122	1	296	3 (15)
Patient/parent request	13	12	23	10-128	2	345	1 (8)
Patient/non-compliant	3	3	97	1-185	1	185	1 (33)
Patient temporarily unavailable for transplant for non-medical reasons	7	6	22	7-87	1	379	1 (14)
Other (please specify)	7	6	30	8-161	7	266	1 (14)
TOTAL	111	100	66	15-167	1	2068	24 (22)

Table 2B Time suspended by transplant centre for patients suspended as at 16 November 2023

Centre							N (%) suspended for >6 months
	N	%	Median	IQR	Min	Max	
Newcastle	3	3	16	10-379	10	379	1 (33)
Leeds	22	20	102	23-161	1	310	4 (18)
Cambridge	13	12	43	10-126	2	356	3 (23)
Royal Free	10	9	112	69-195	20	587	3 (30)
King's College	38	34	72	8-225	1	2068	10 (26)
Birmingham	23	21	30	13-101	1	296	3 (13)
Edinburgh	2	2	138	128-148	128	148	0 (0)
TOTAL	111	100	66	15-167	1	2068	24 (22)

Figure 17 Number of new registrations onto the UK liver transplant list, by urgency status, 1 January 2020 to 16 November 2023

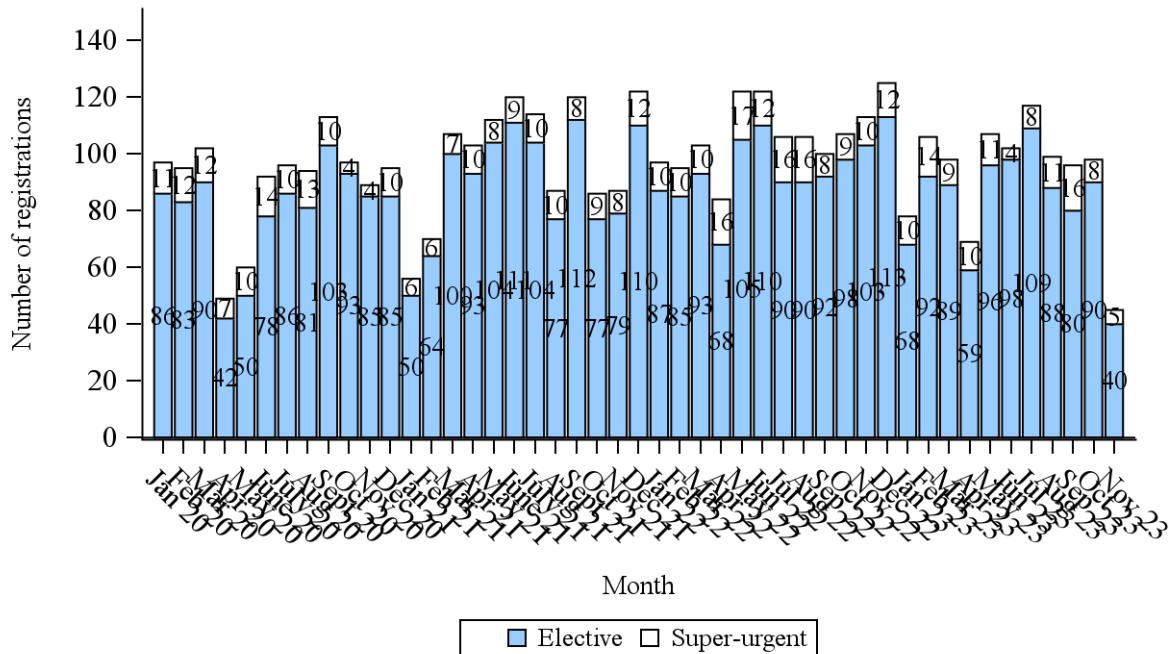


Figure 17A Number of new registrations onto the UK liver transplant list, by transplant centre and urgency status, 1 January 2020 to 16 November 2023

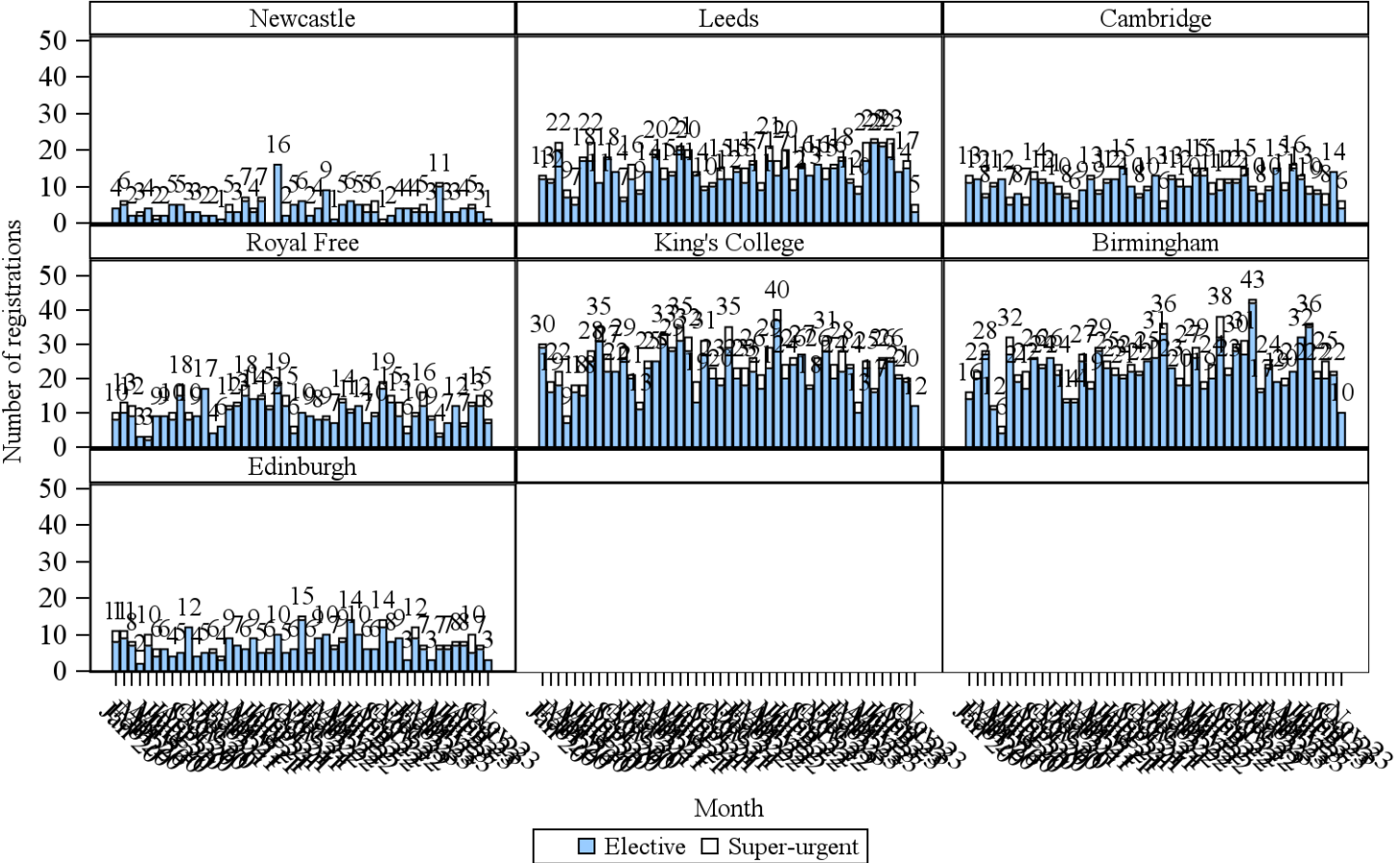


Figure 18 Number of registrations, deaths and removals by month since 1 January 2020

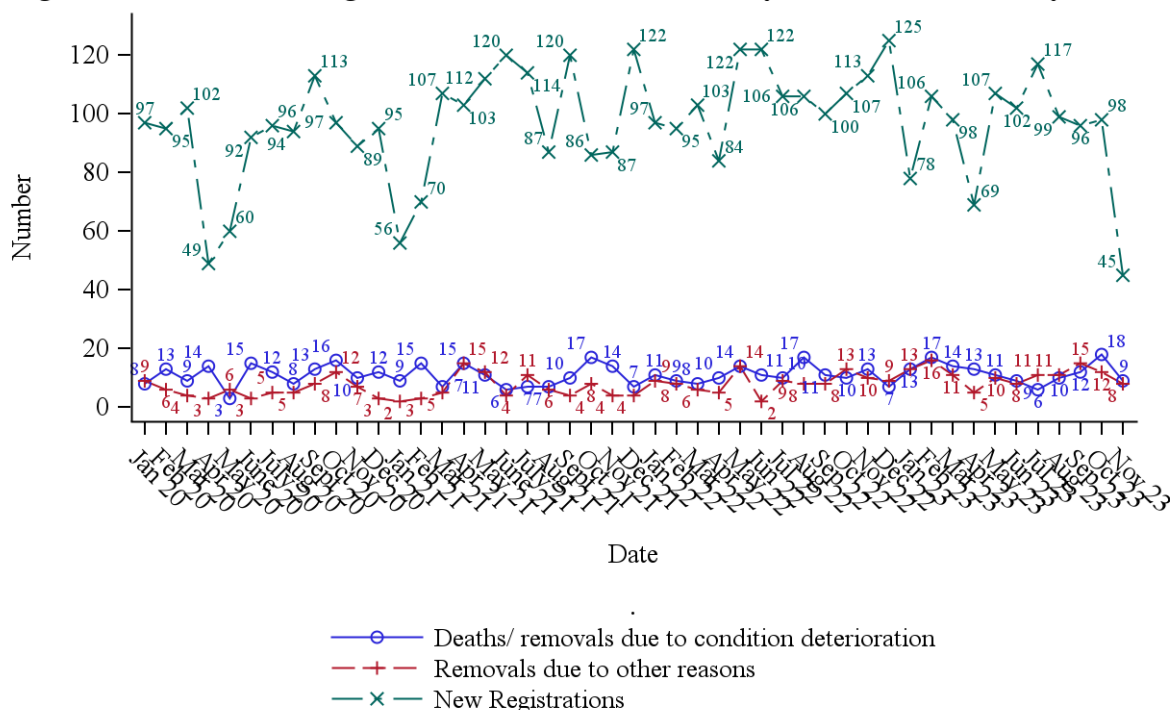


Figure 19A Number of new adult registrations onto the UK liver transplant list, by urgency status, 1 January 2020 to 16 November 2023

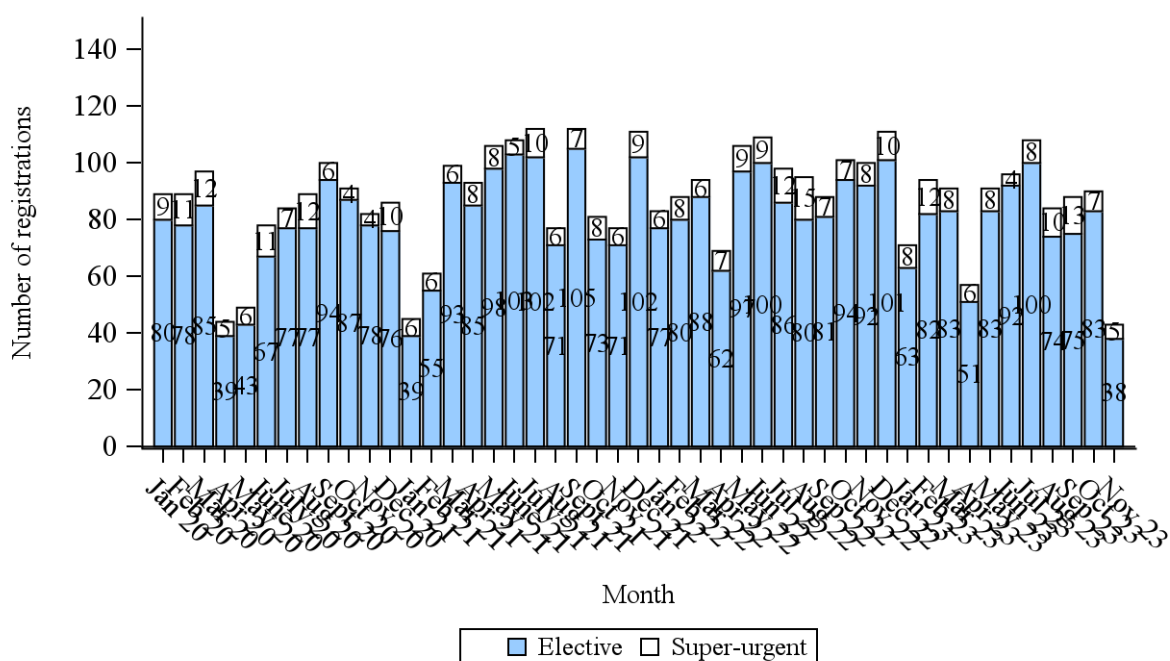


Figure 19B Number of new paediatric registrations onto the UK liver transplant list, by urgency status, 1 January 2020 to 16 November 2023

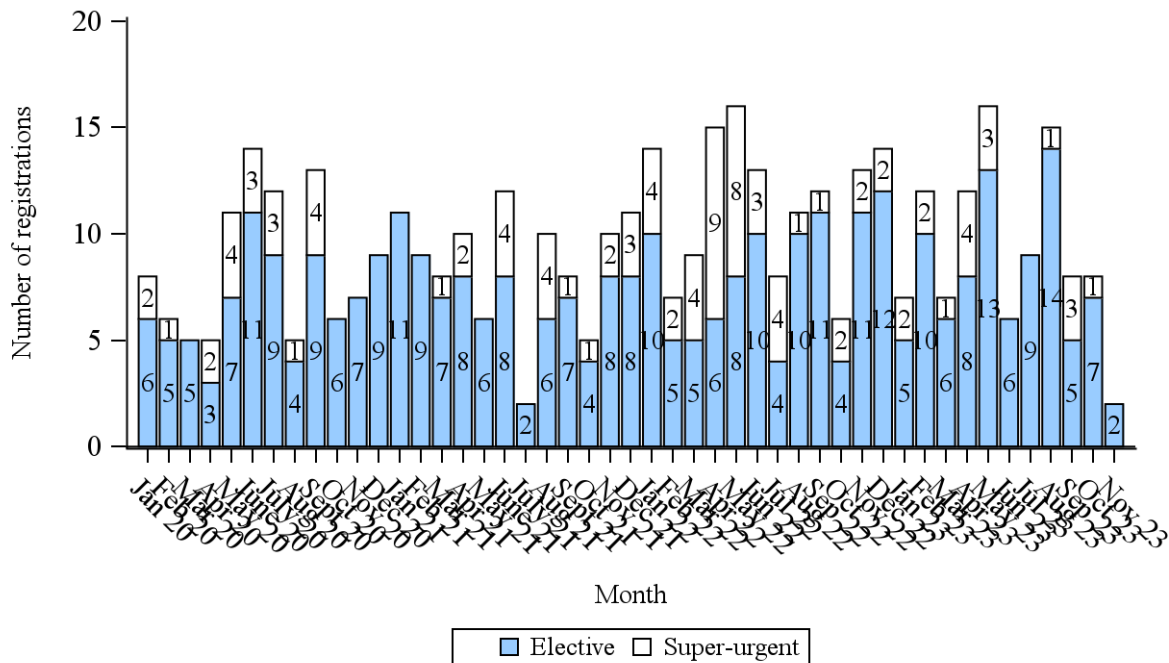


Figure 20A Number of new adult registrations onto the UK super-urgent liver transplant list, by primary liver indication, 1 January 2020 to 16 November 2023

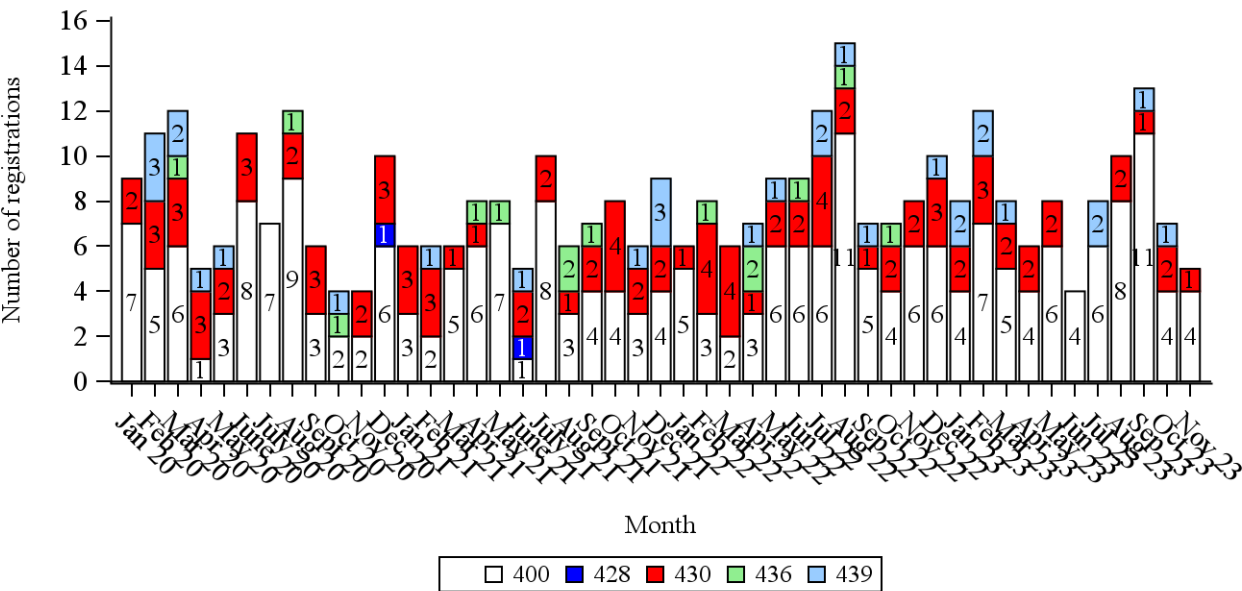


Figure 20B Number of new paediatric registrations onto the UK super-urgent liver transplant list, by primary liver indication, 1 January 2020 to 16 November 2023

