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Lung Summit

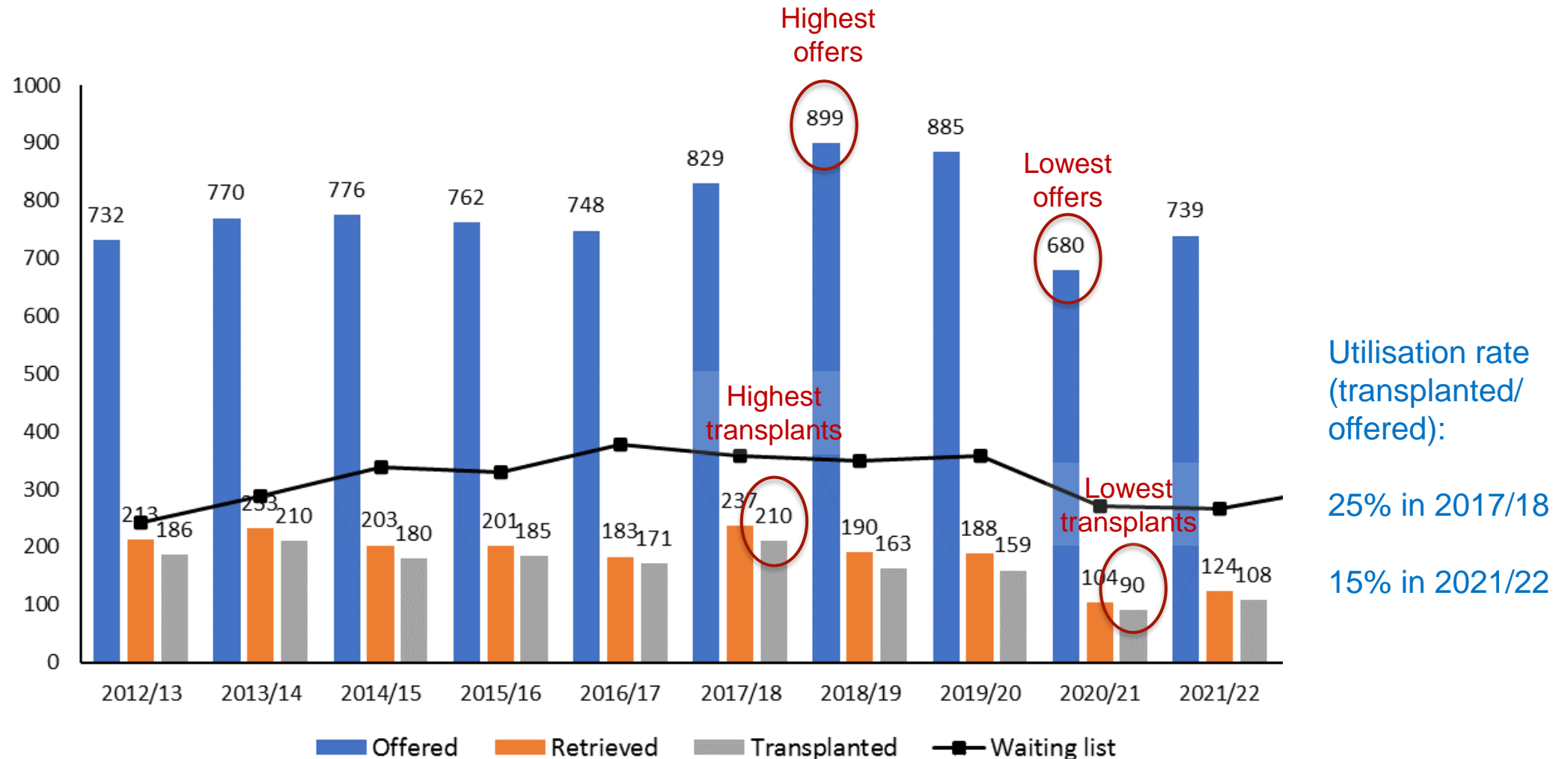
Overview of Activity

Rachel Hogg

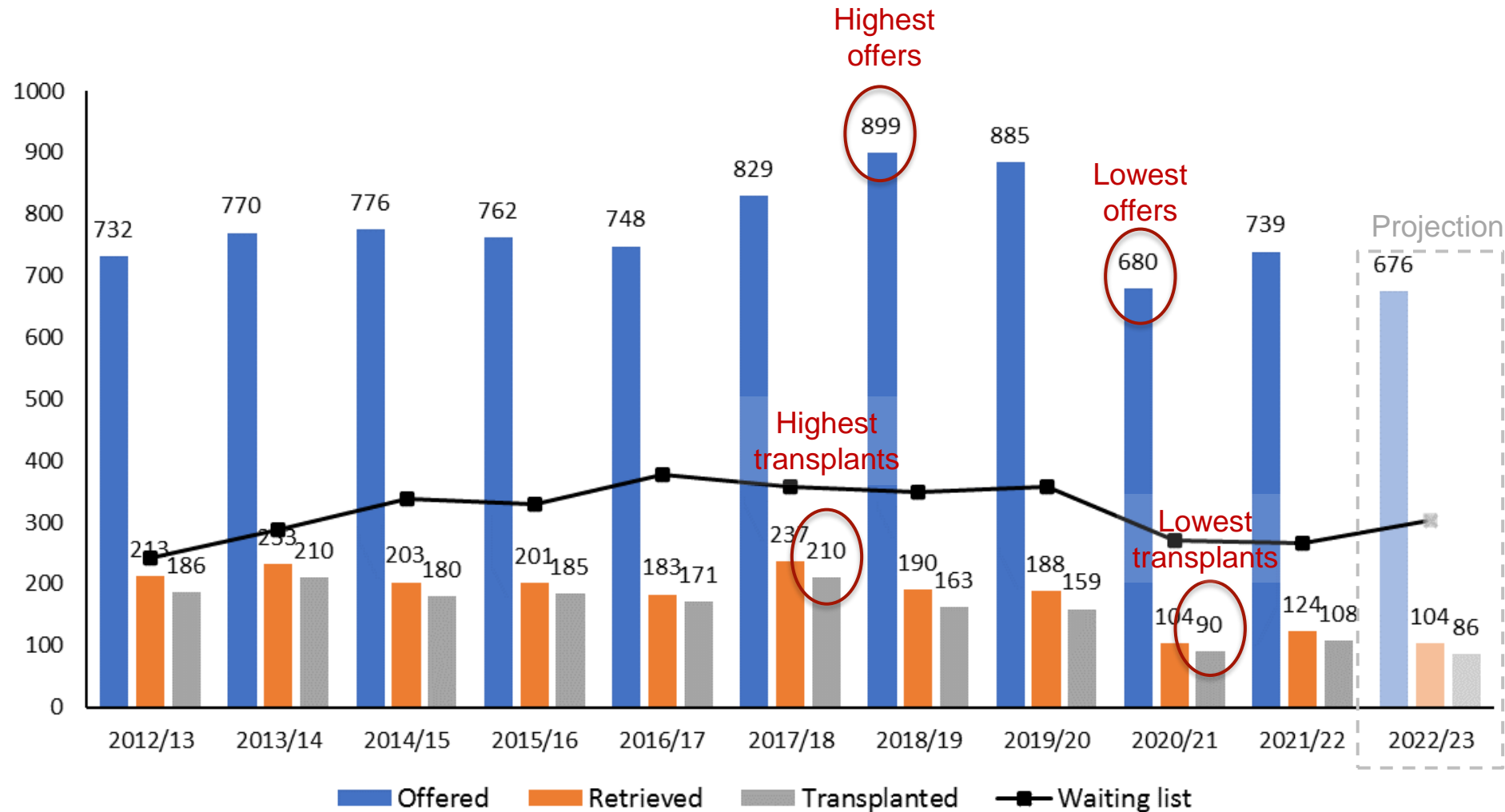
Statistics and Clinical Research

NHS Blood and Transplant

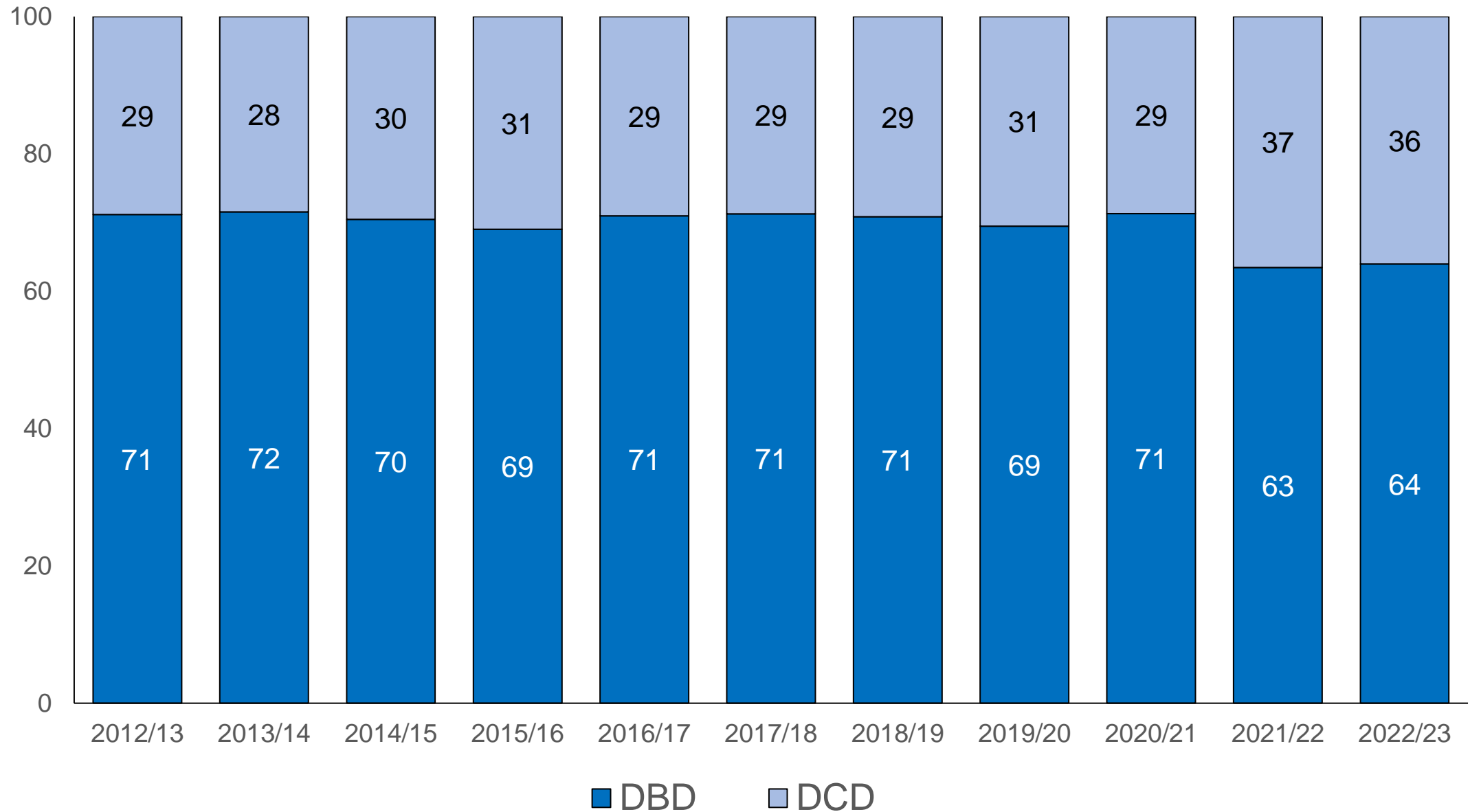
Number of offered, retrieved and transplanted lungs and lung waiting list, over last 10 years



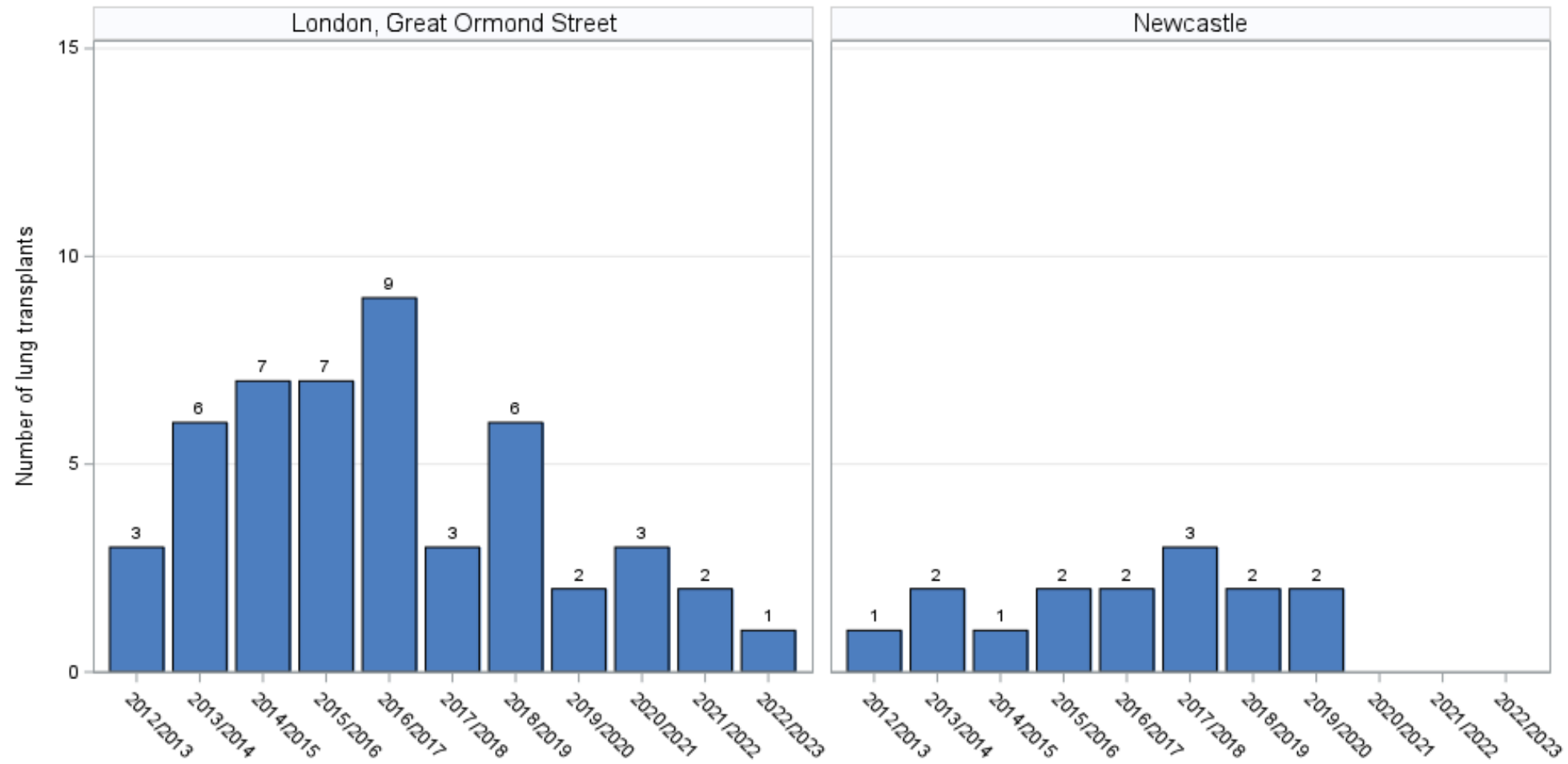
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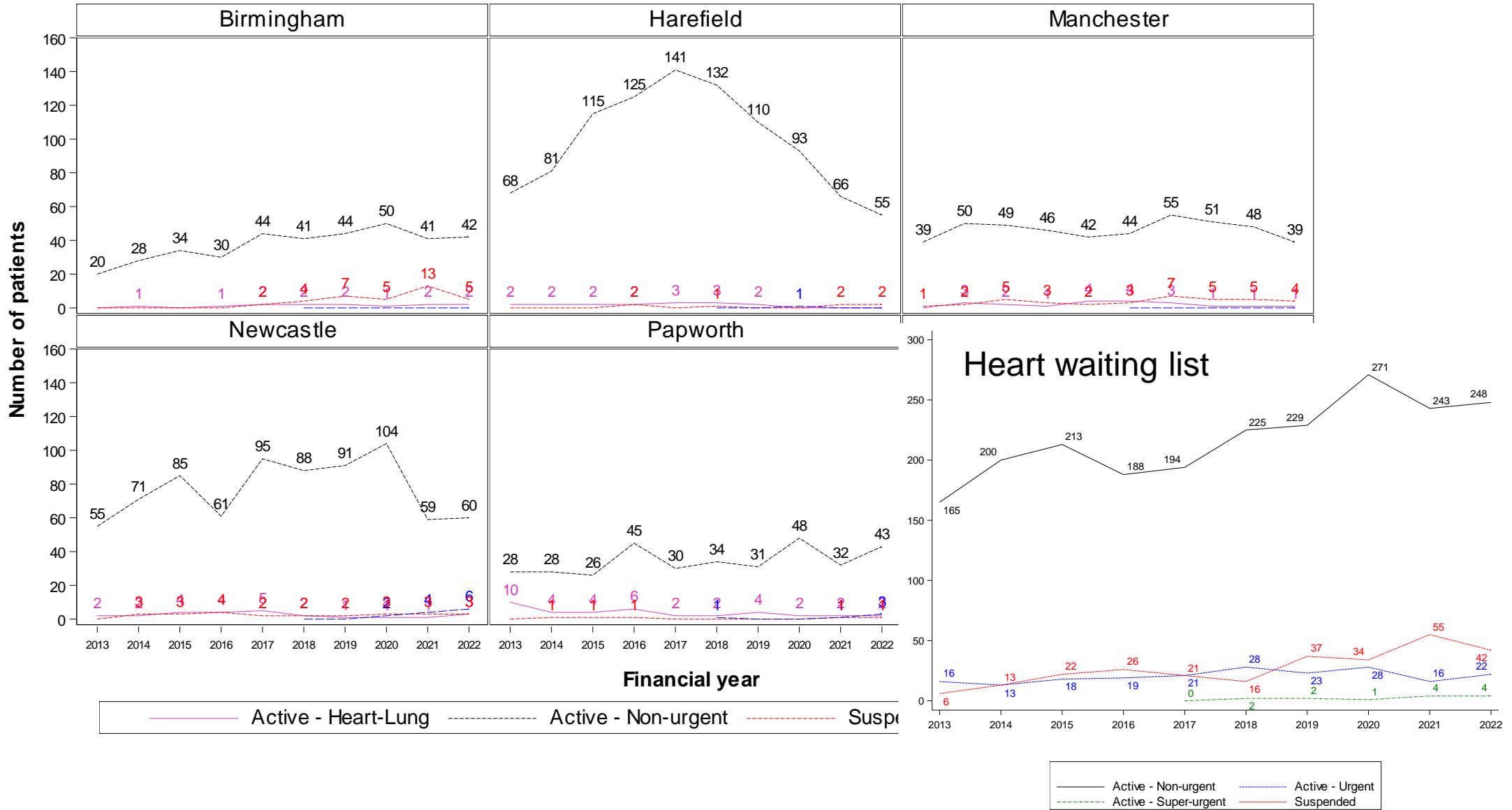
Donors offered by donor type, over last 10 years



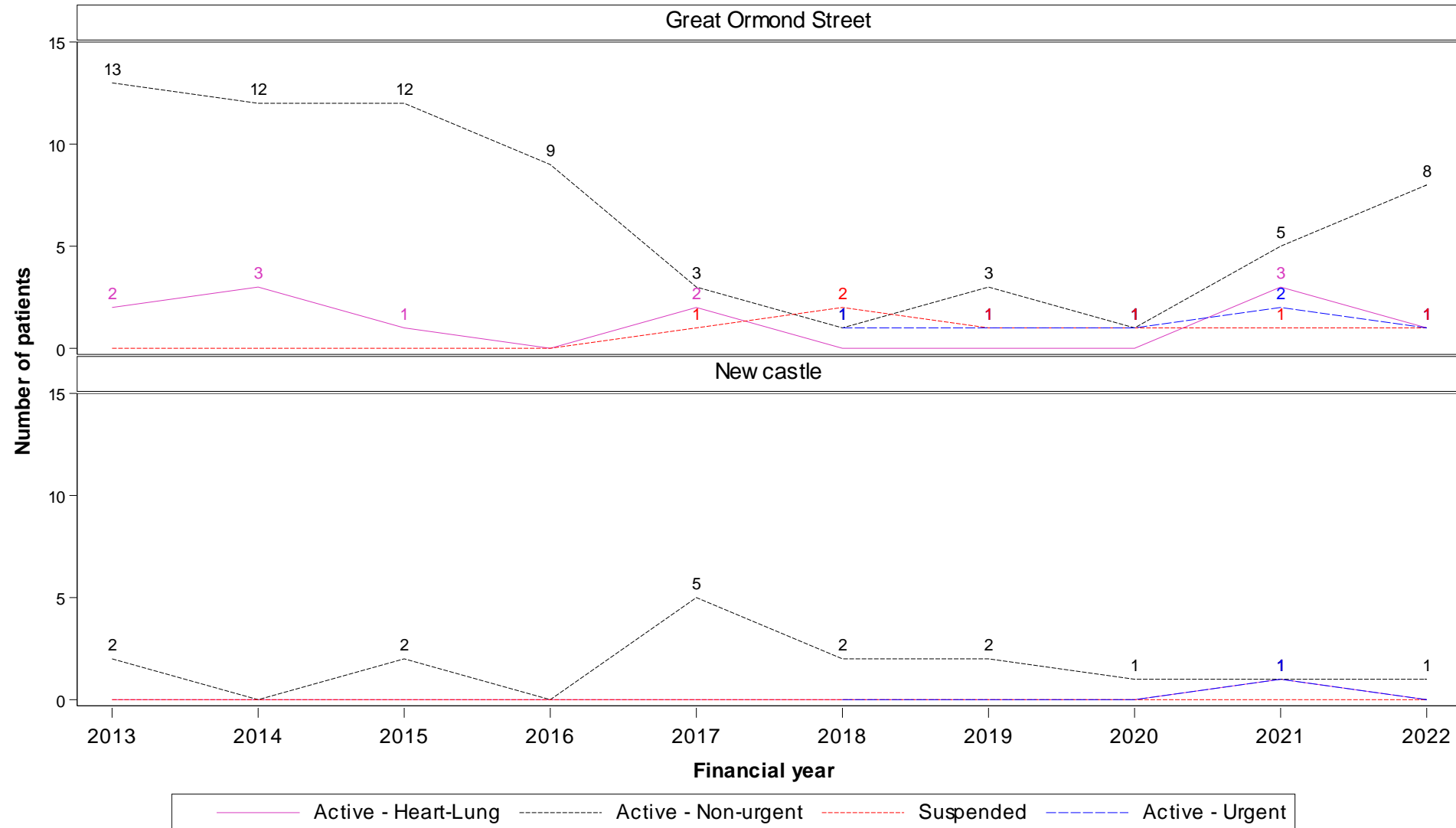
Paediatric lung transplants April 2012 – Dec 2022, by centre



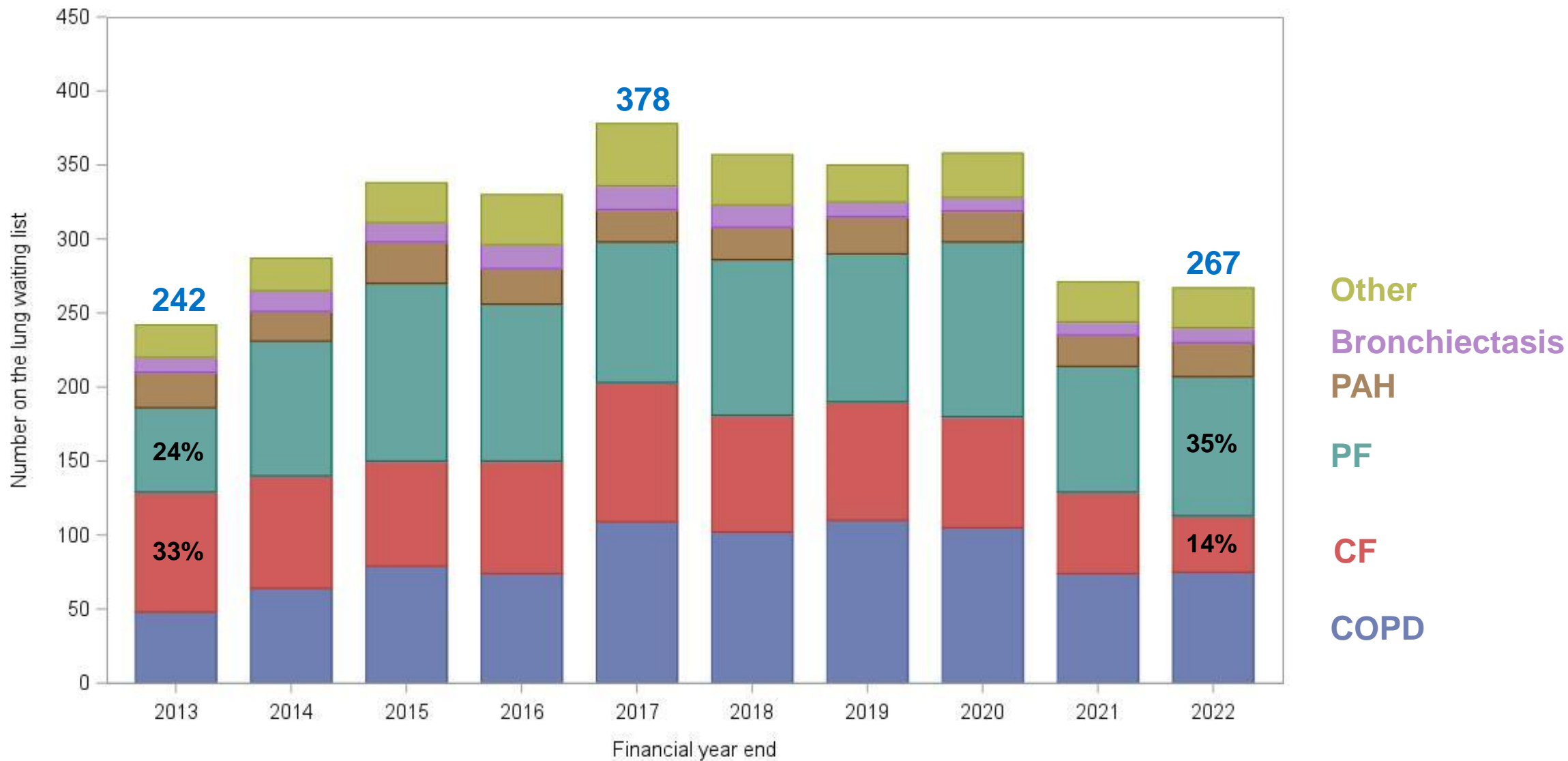
Adult lung transplant waiting list, 2013-2022, by centre



Paediatric lung transplant waiting list, 2013-2022, by centre



Change in waiting list composition, 2013-2022



Waiting list outcomes and waiting times

1 year outcome from listing

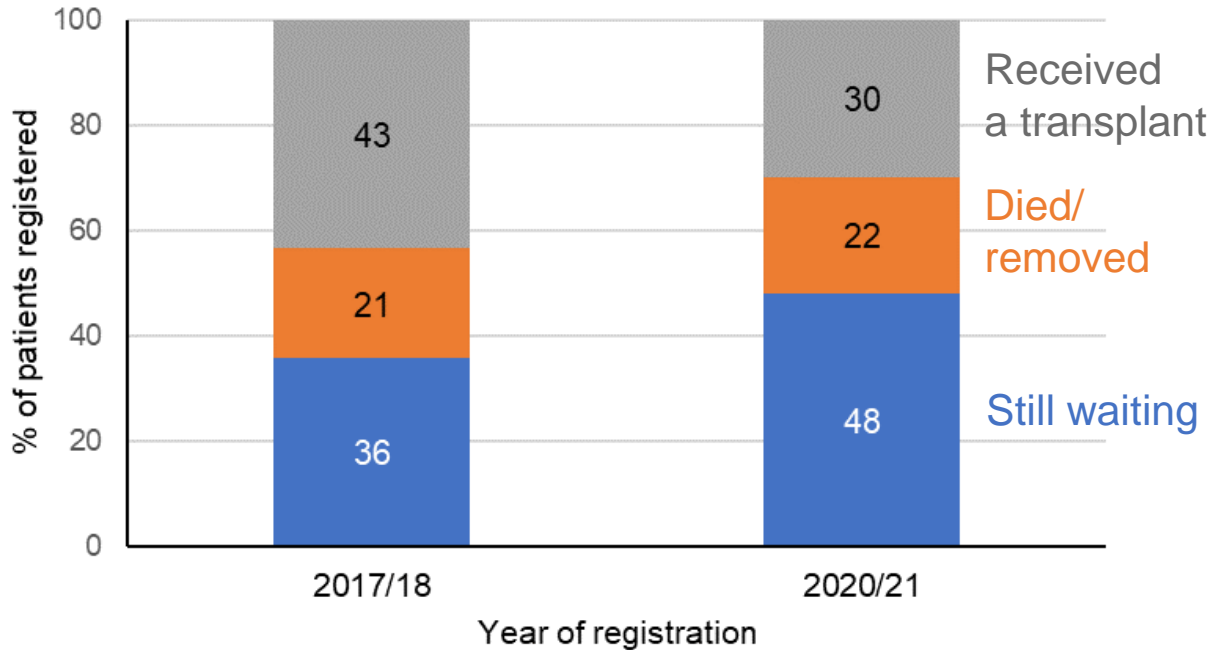


Table 9.2 Median active waiting time to lung transplant for adult patients registered on the transplant list, by centre, 1 April 2015 to 31 March 2018

Transplant centre	Number of patients registered	Number transplanted	Waiting time (days)	
			Median	95% Confidence interval
Non-urgent at initial registration				
Birmingham	114	60	457	275 - 639
Harefield	272	144	646	523 - 769
Manchester	113	80	302	218 - 386
Newcastle	180	88	656	543 - 769
Papworth	169	130	196	139 - 253
UK	848	502	422	340 - 504

Table 9.2 Median active waiting time to lung transplant for adults registered on the urgent transplant list, by centre, 1 April 2018 to 31 March 2021

Transplant centre	Number registered	Number transplanted	Waiting time (days)	
			Median	95% Confidence interval
Birmingham ¹	93	25	-	-
Harefield	165	83	548	378 - 718
Manchester	94	44	639	166 - 1112
Newcastle	135	48	888	607 - 1159
Papworth	130	86	174	126 - 222
UK	617	286	594	486 - 702

¹ Median and 95% confidence intervals could not be calculated due to low transplant rate

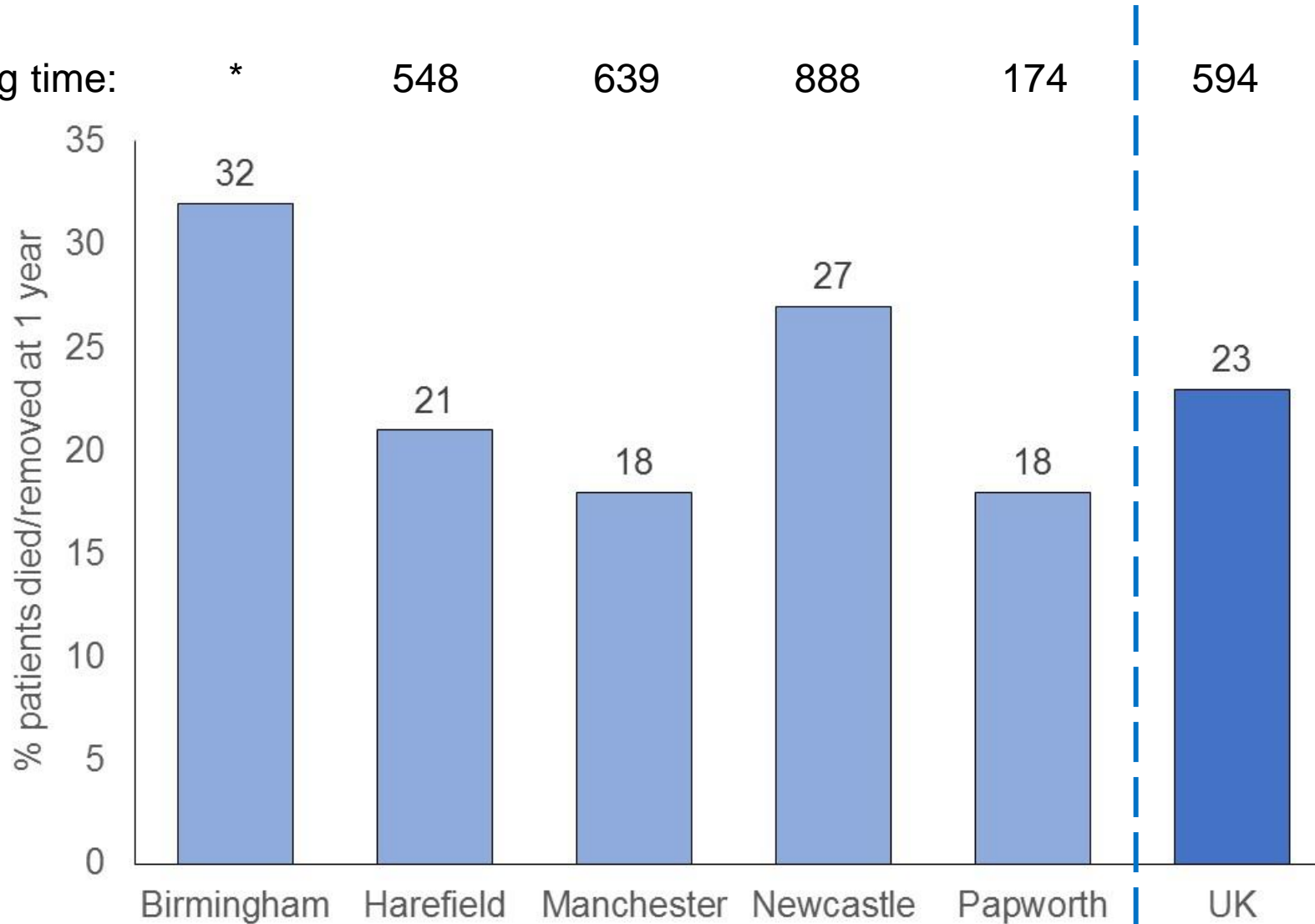
41% increase

Note: data reflects non-urgent list only

Non-urgent waiting list removals/deaths and waiting times

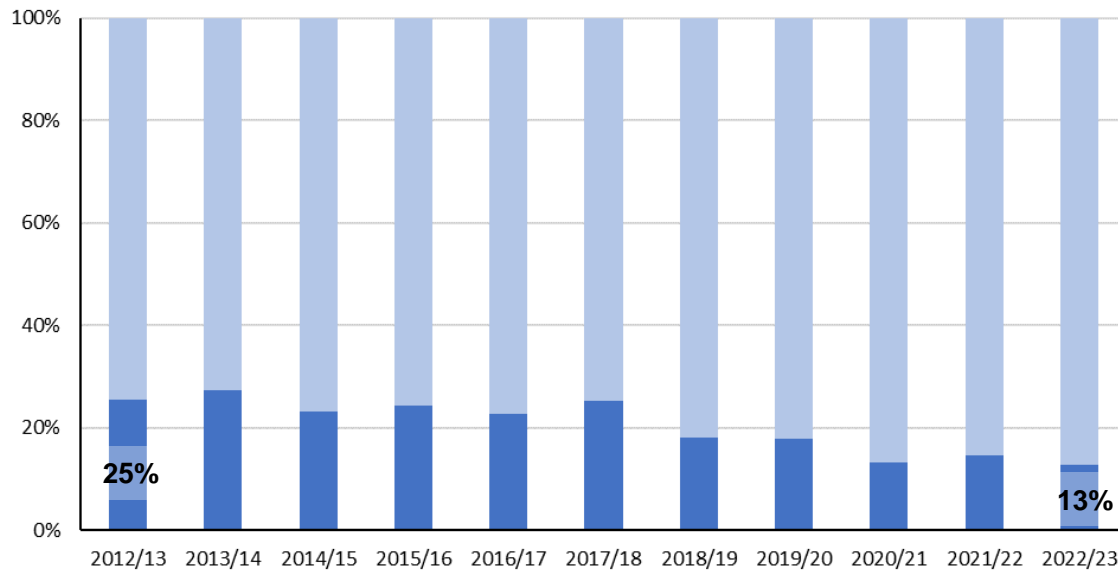
1 April 2018 – 31 March 2021

Median waiting time:

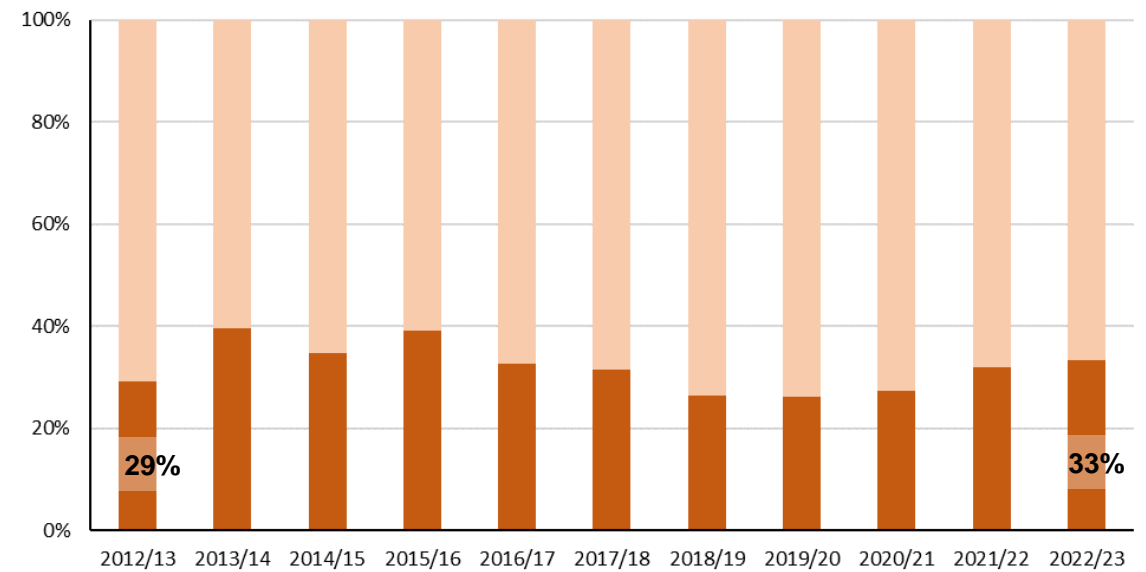


Utilisation (transplanted/offered)

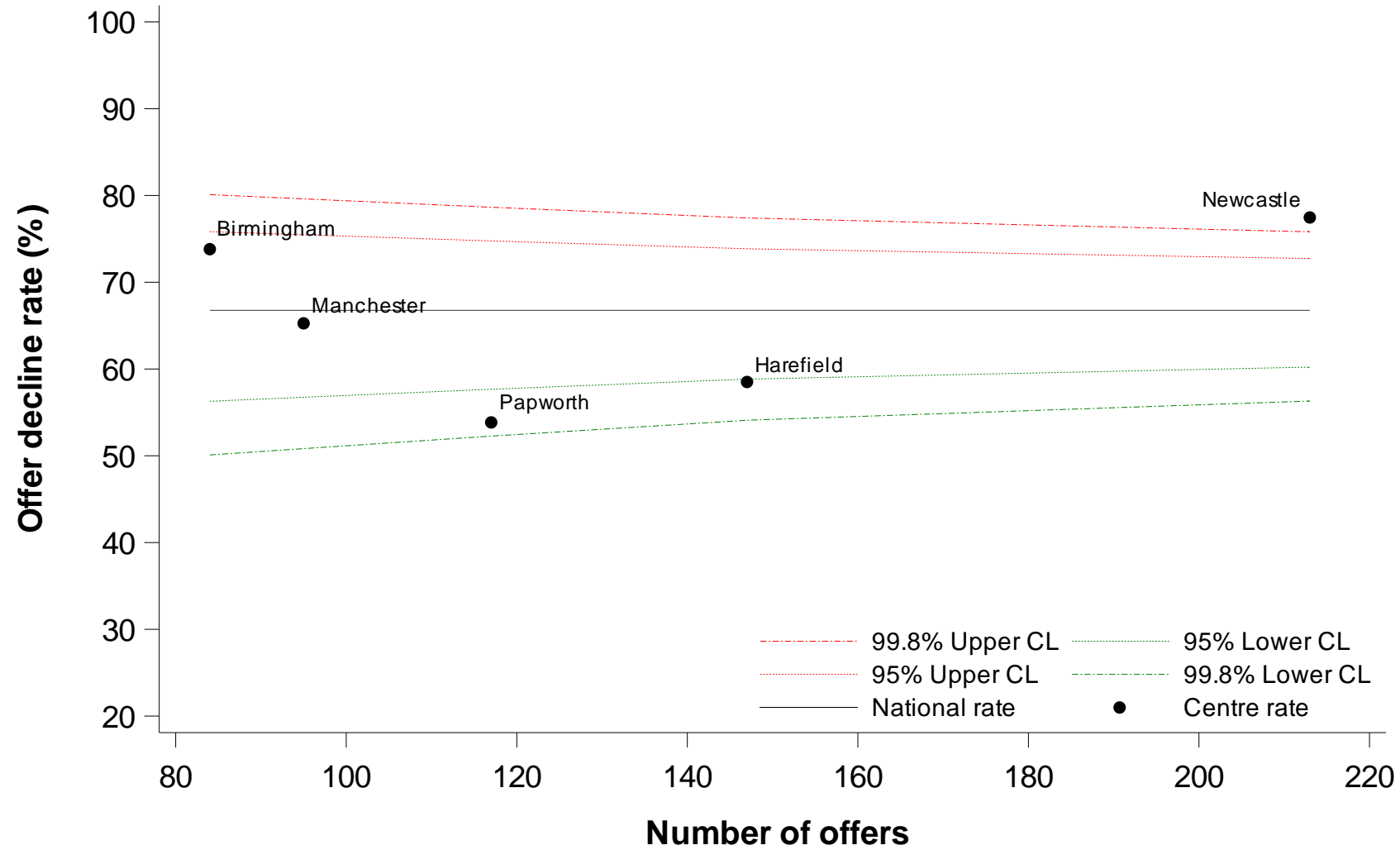
Percentage of donors where lungs transplanted out of those where lungs offered



Percentage of hearts transplanted out of hearts offered



DBD lung offer decline rates, 2019-2022



Key messages

- 2017/18 was a successful year for lung transplantation, with 210 lung transplants performed nationally
- Since then activity has decreased, made significantly worse by COVID-19 pandemic
- Current year, 2022/23, expected to be as bad if not worse than 2020/21 (<90 transplants predicted)
- All centres' programmes have reduced their activity, for some this trend began before 2017/18
- Waiting list has changed composition
- However, there are still over 300 patients nationally waiting for lungs and patients are spending longer on the list
- Trend towards fewer offers and low utilisation not seen in other organs, such as heart
- Variation in organ decline rates across centres