

KQuiP Transplant first- Living kidney donor transplantation

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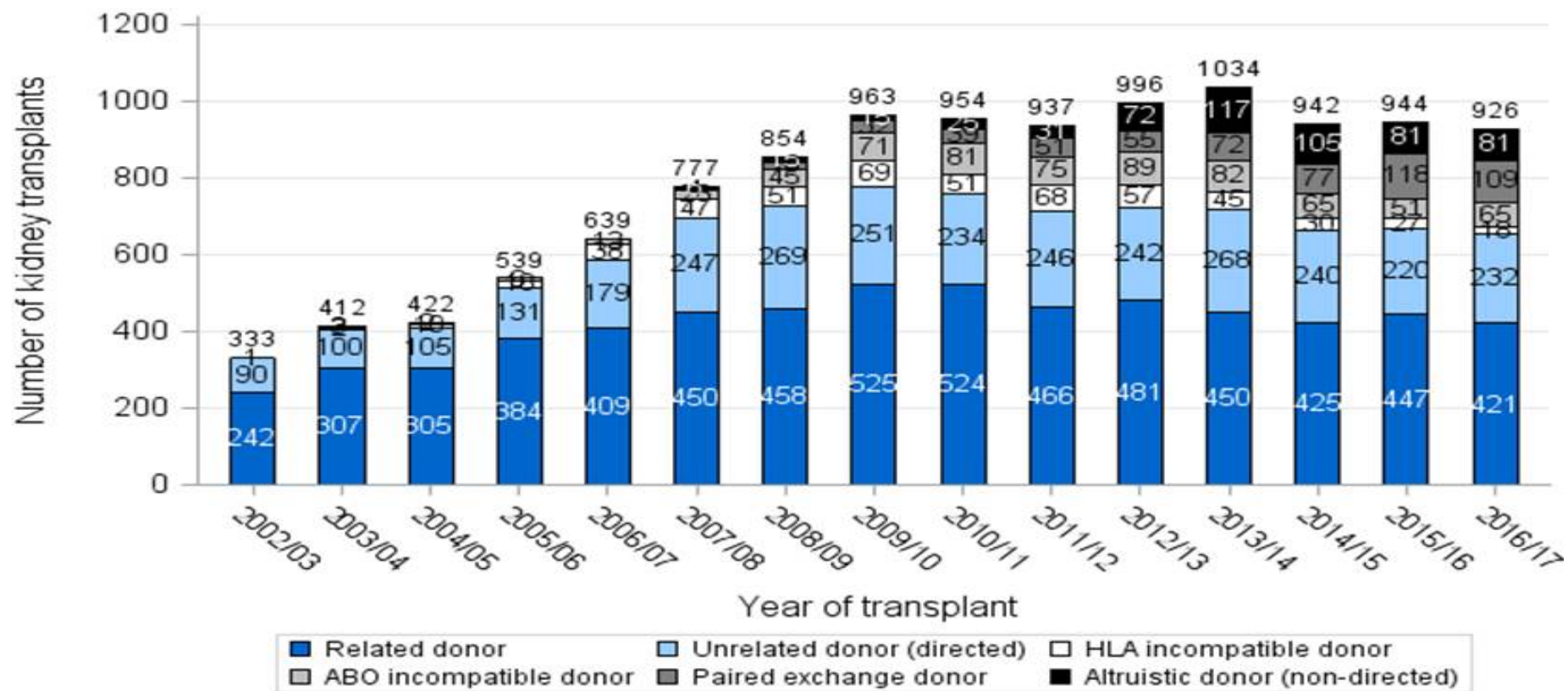
Chair Living Kidney Donor Network

NHSBT data slides provided by Lisa Mumford

KQuiP North West Meeting, January 2018

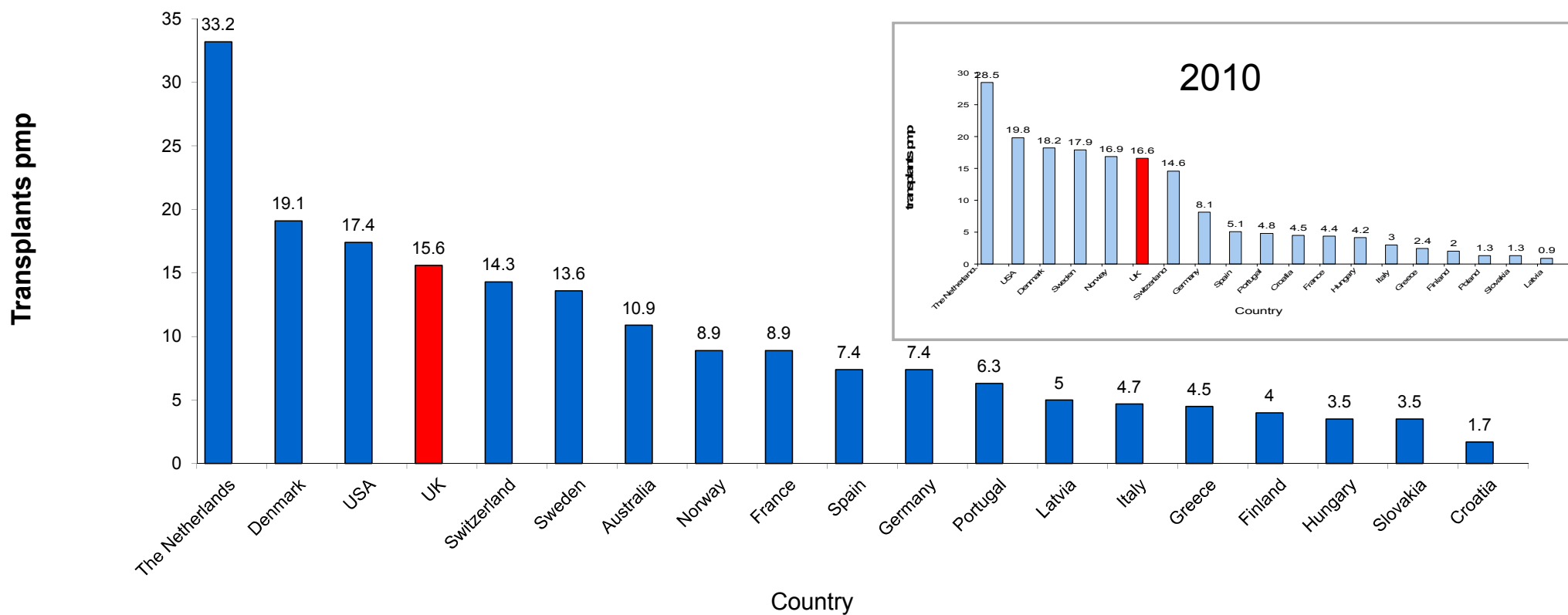
Background

Living donor kidney transplants, 2002-2017



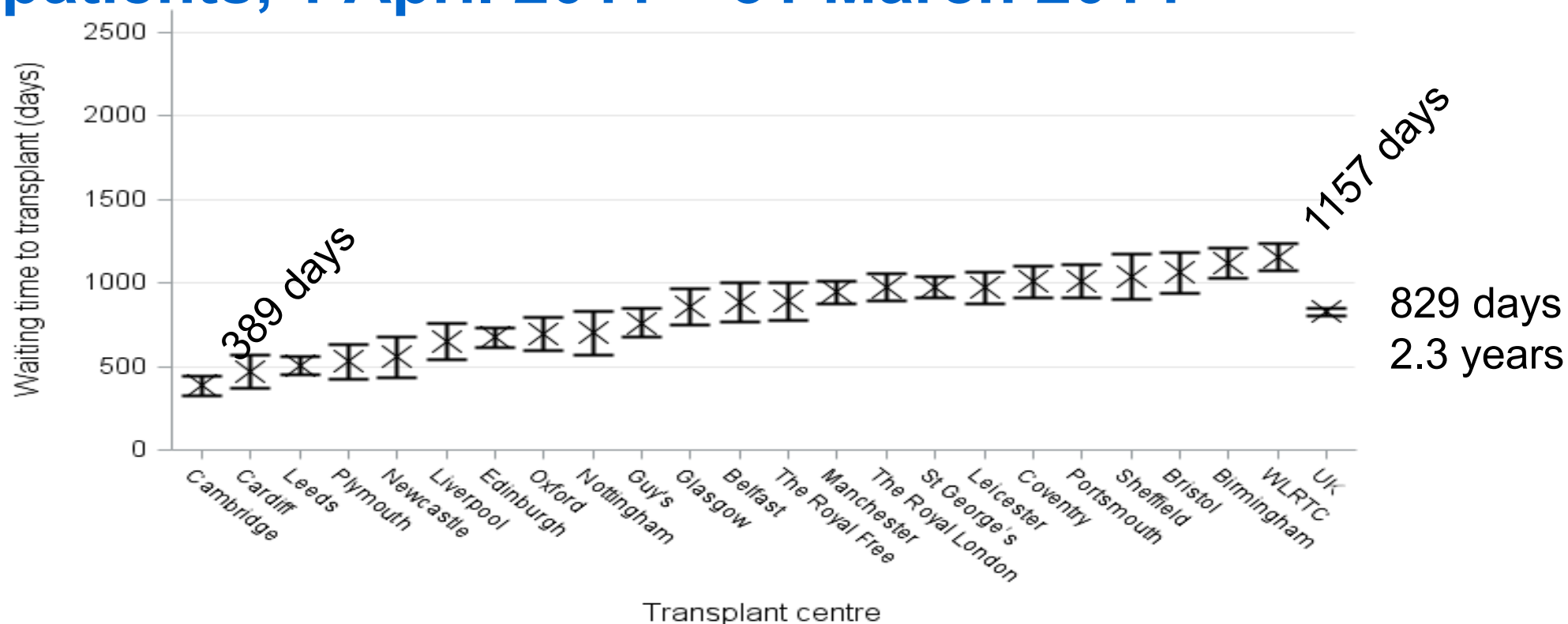
International Comparison

Living donor kidney transplant rates for Europe, Australia and the USA, 2016

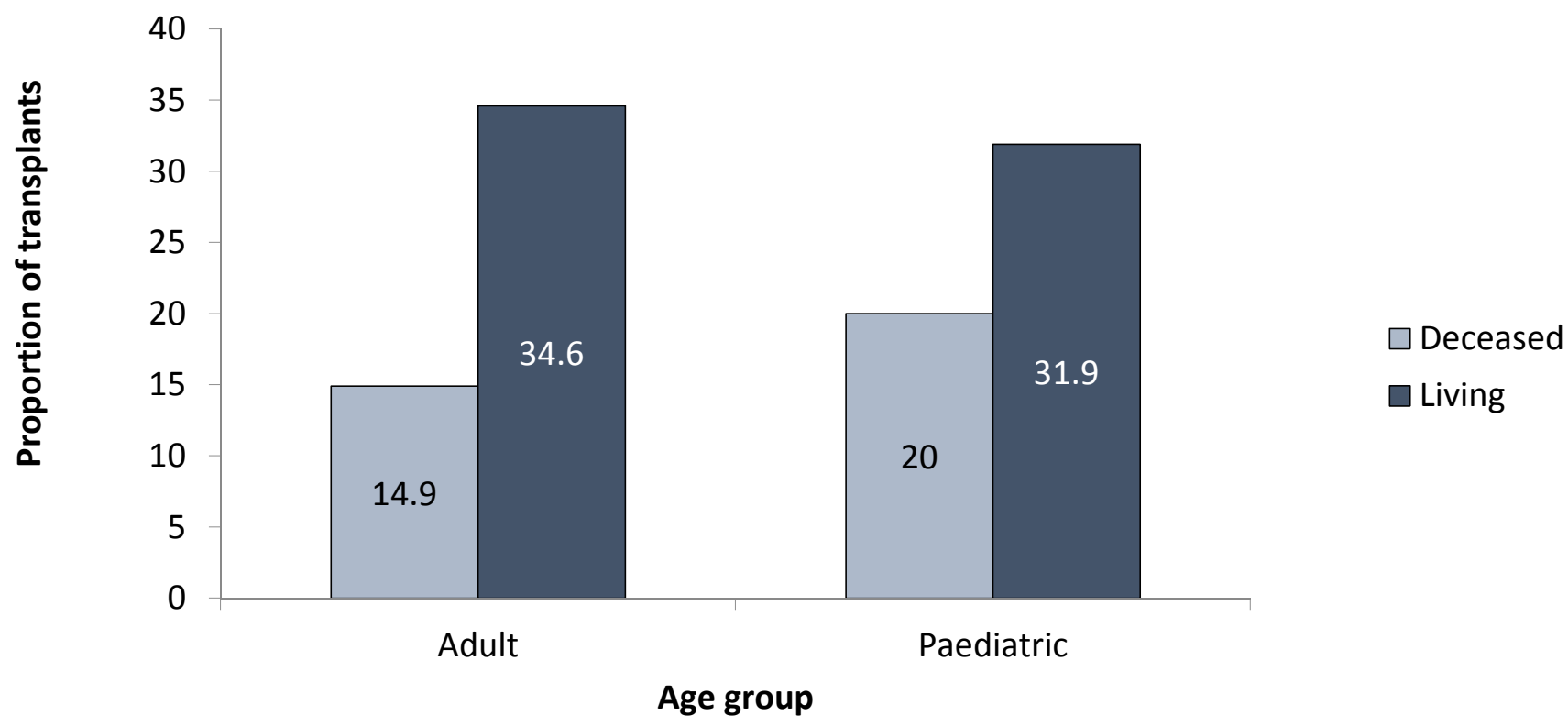


Benefits of living donor transplant

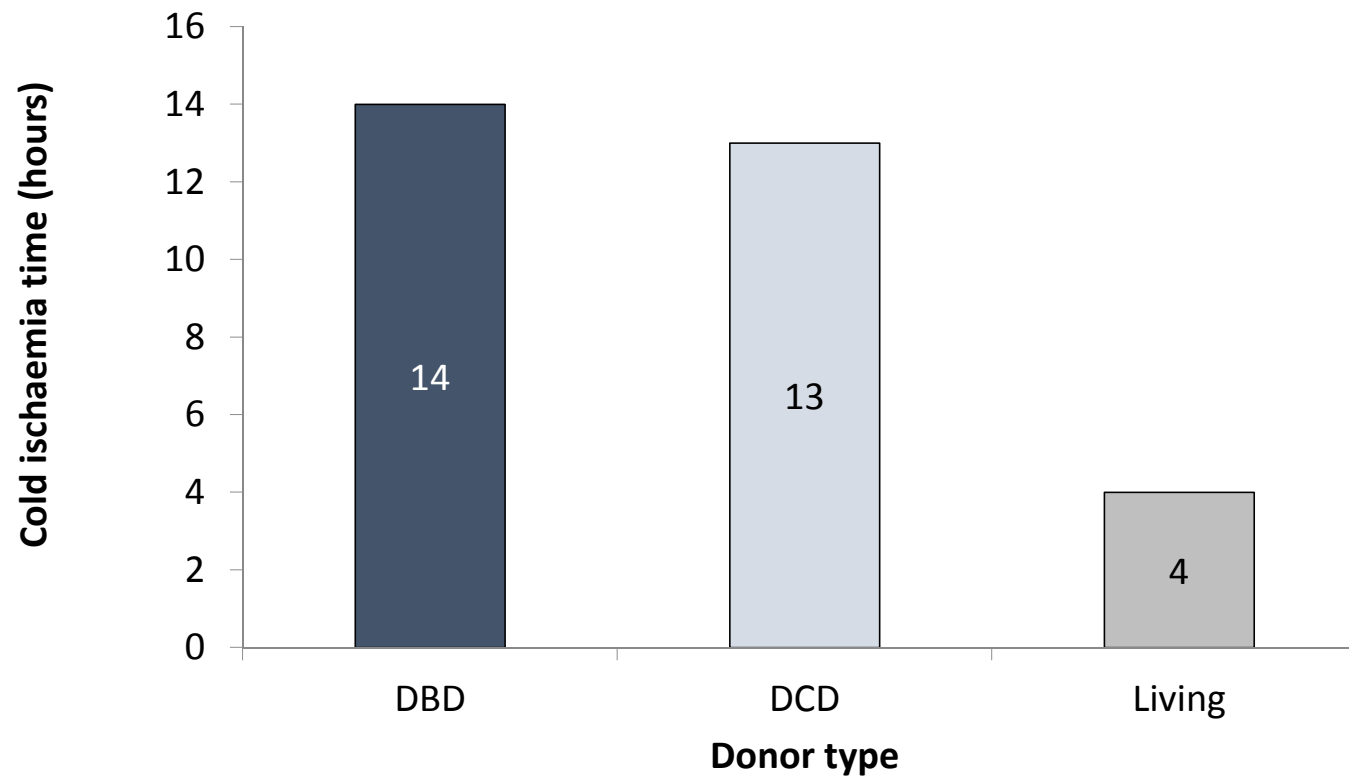
Median waiting time to deceased donor kidney transplant for adult patients, 1 April 2011 – 31 March 2014



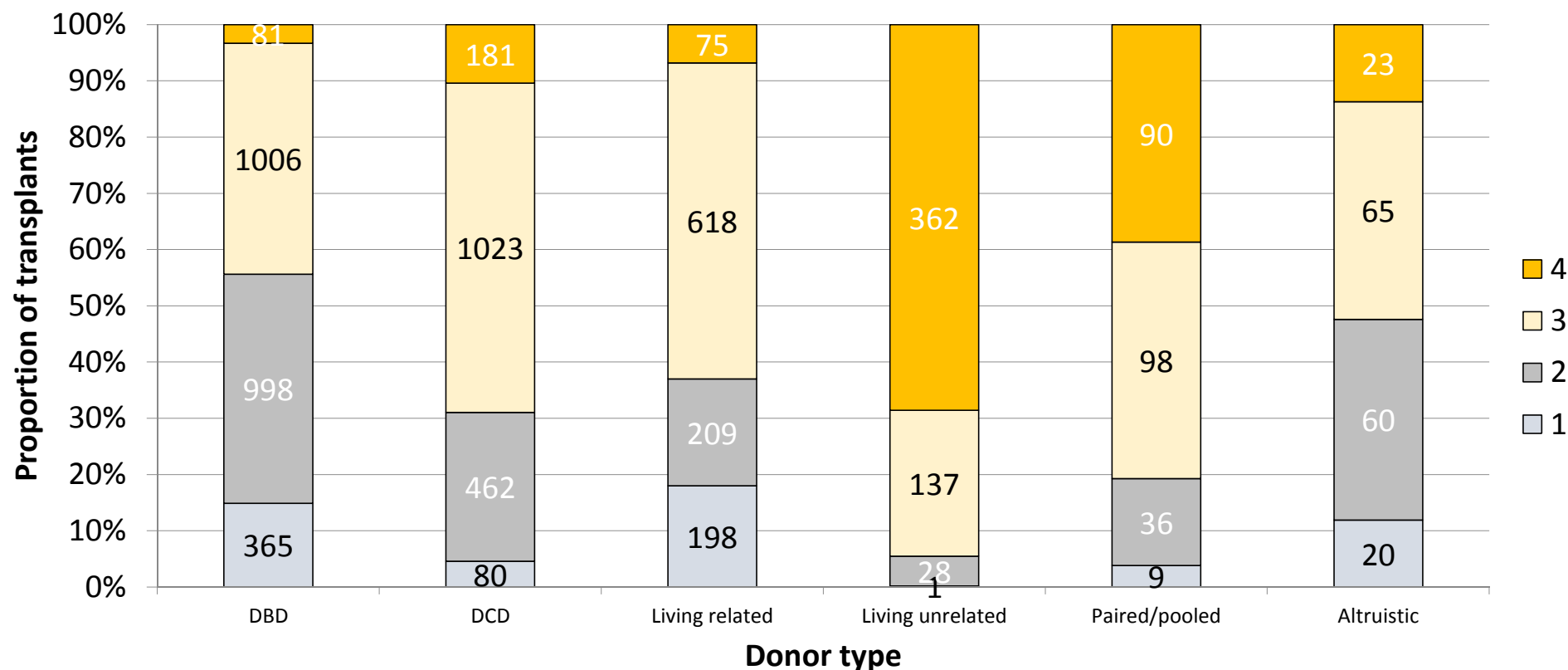
Pre-emptive transplants, 1 April 2016 – 31 March 2017



Cold ischaemia time for kidney transplants, 1 April 2016 – 31 March 2017



HLA mismatch levels of transplants, 1 April 2015 – 31 March 2017



Level 1 = 000,

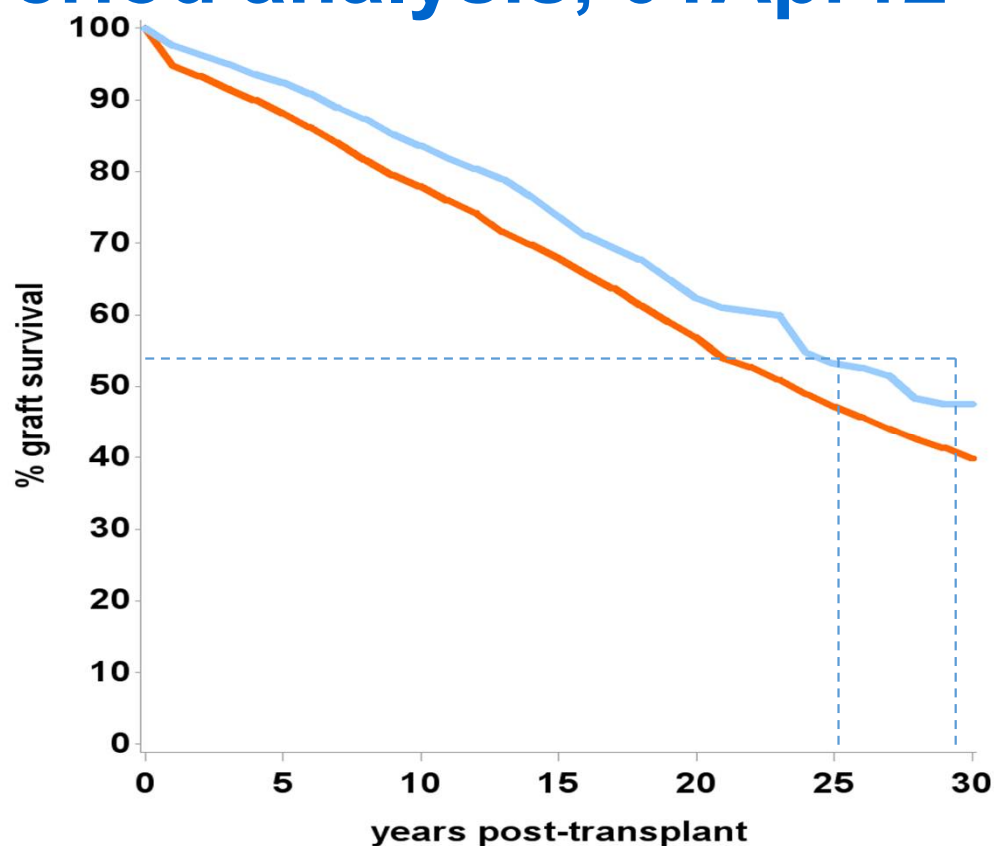
Level 2 = [0 DR and 0/1 B],

Level 3 = [0 DR and 2 B] or [1 DR and 0/1 B]. Level 4 = [1 DR and 2 B] or [2 DR]

Outcomes

Graft survival estimates following kidney transplant

Period analysis, 01Apr12 – 31Mar16



30 year
estimates

Living ~ 48% (42-53%)

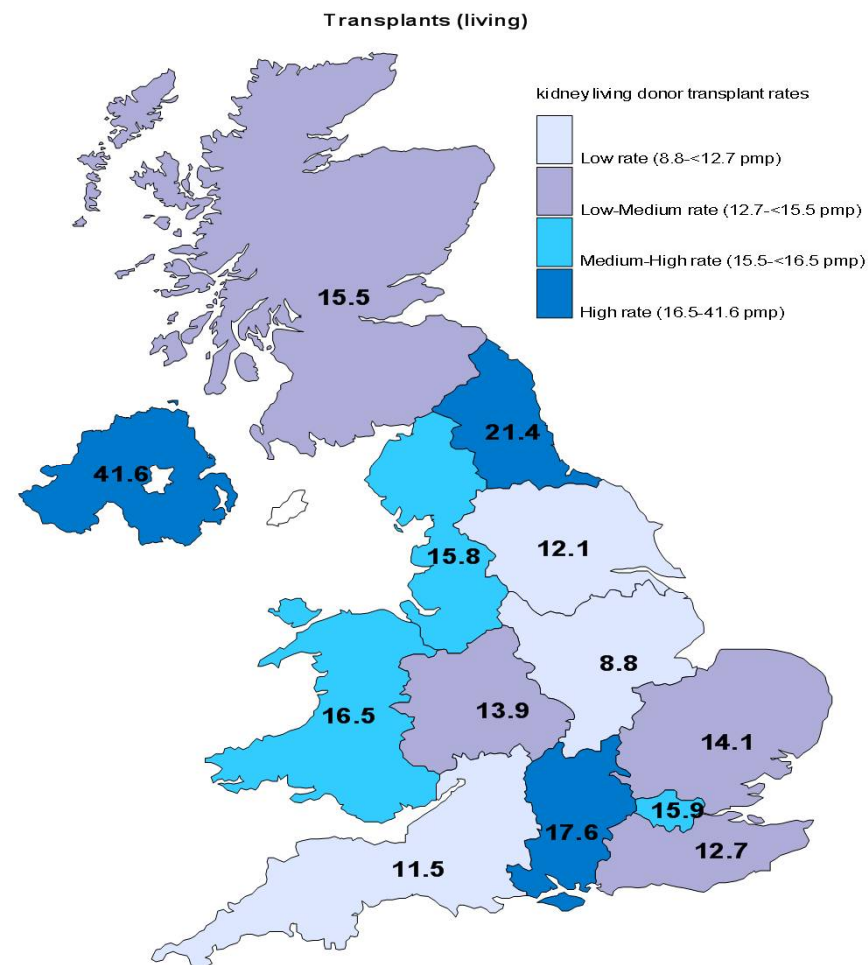
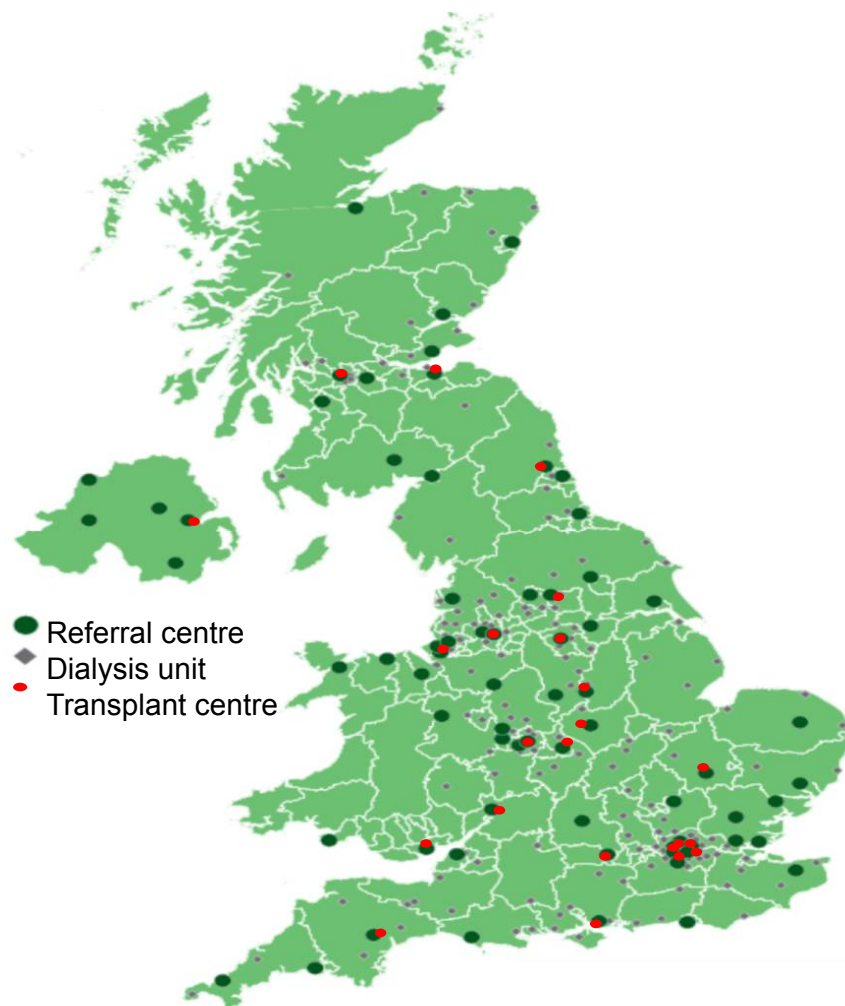
DBD ~ 40% (38-42%)

Median survival estimates:

Living donor ~ 27 years

DBD donor ~ 23 years

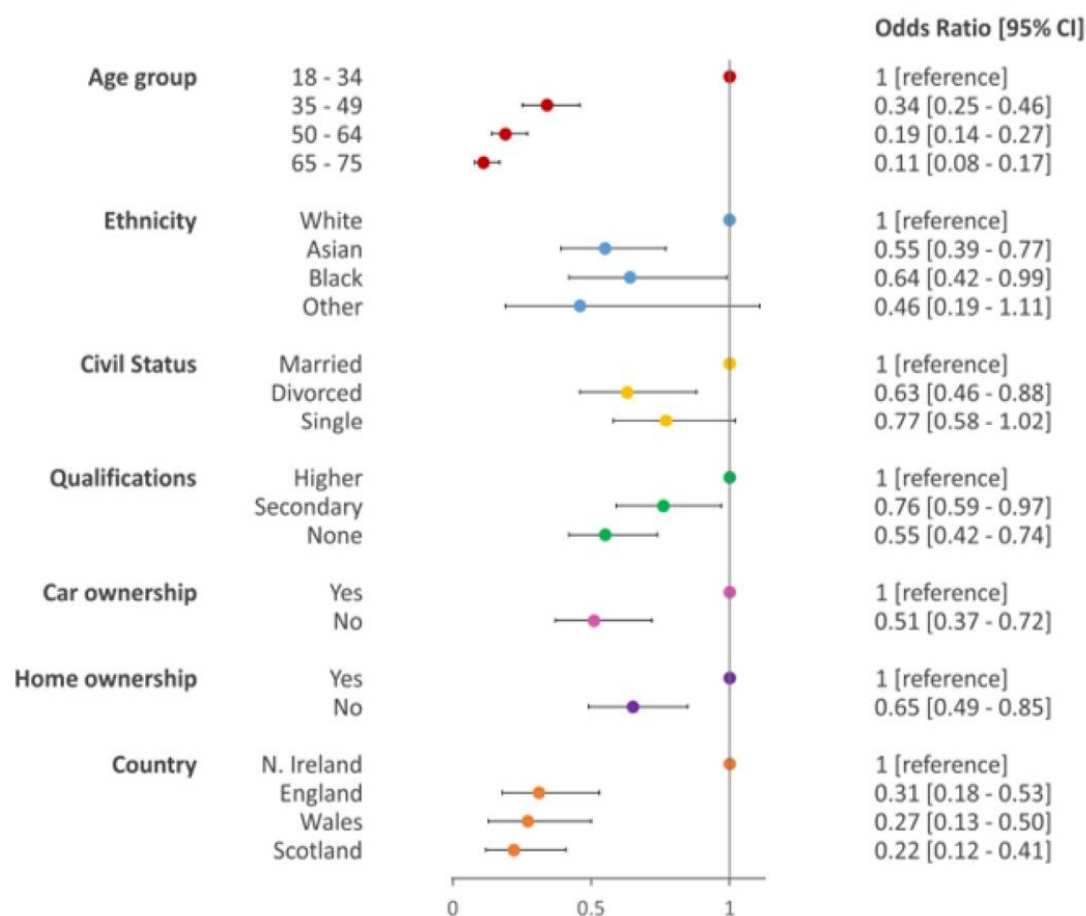
UK Variation in access to living donor transplantation

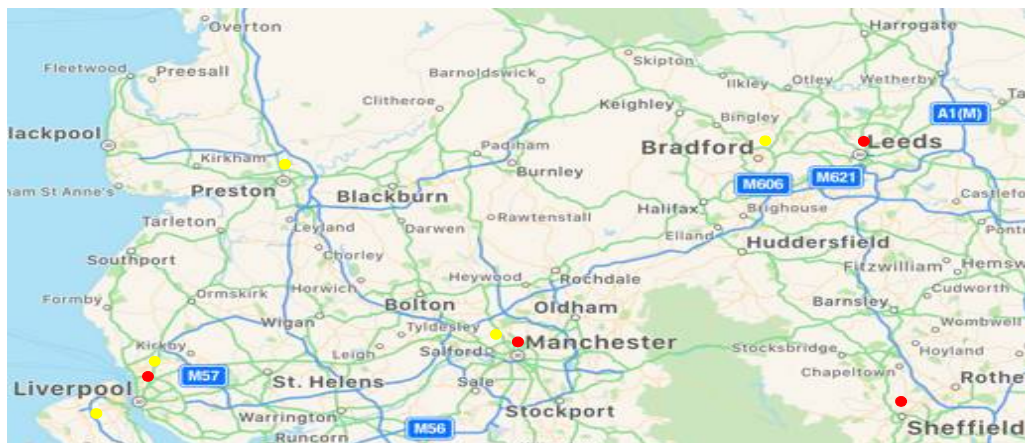


Source: Annual Report on Kidney Transplantation 2016/17, NHS Blood and Transplant

What do we know from the ATTOM study?

Factors associated with living donor kidney transplantation: **Multivariate analysis**





North West data

Extracted from UK transplant registry data 2014-2017

Unit	Population	Number of living donors/year			mean	rate pmp
		2014/15	2015/16	2016/17		
Salford Royal	1.49	19	27	22	22.7	15.2
Manchester RI	1.53	31	34	20	28.3	18.5
Preston & Lancashire	1.49	25	25	22	24.0	16.1
Liverpool (Royal and Aintree)	1.48	22	26	27	25.0	16.9
Arrow Park (Wirral)	0.57	10	7	10	9.0	15.8
Bradford	0.65	9	4	7	6.7	10.3

How can we offer every
opportunity for living kidney
donation?

Where could we start?

- How do we assess the quality of our living donor pathway?
- What are the problems we encounter on a regular basis?
- What barriers to living kidney donation should we expect to see in the community we serve?
- What steps can we take to reduce these problems and barriers?