

A thick blue wavy line that spans the width of the slide, positioned above the main title.

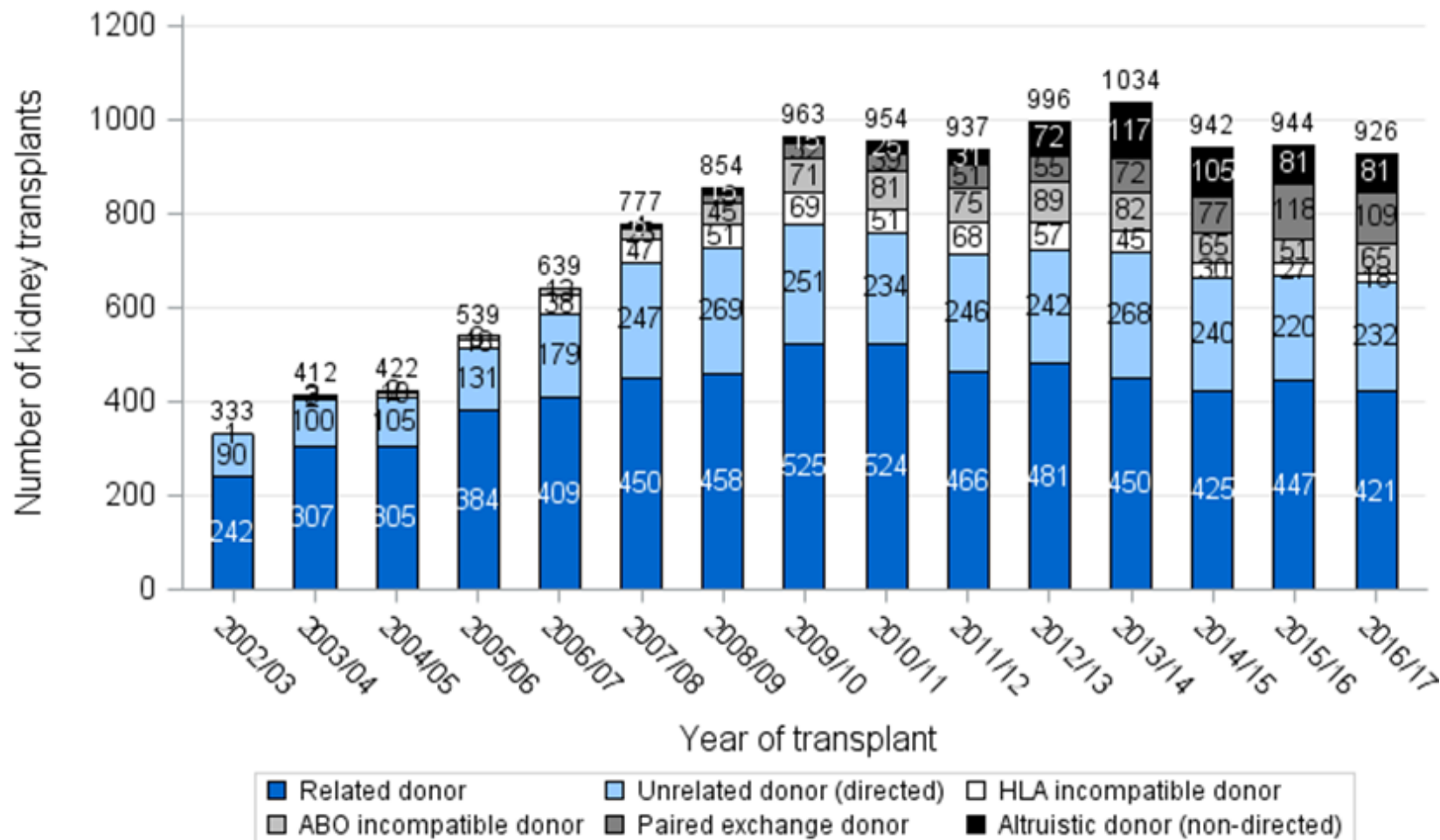
# KQuiP Transplant first- Living kidney donor transplantation

Presented by Dr Phil Mason

NHSBT data slides provided by Lisa Mumford and Caroline Wroe

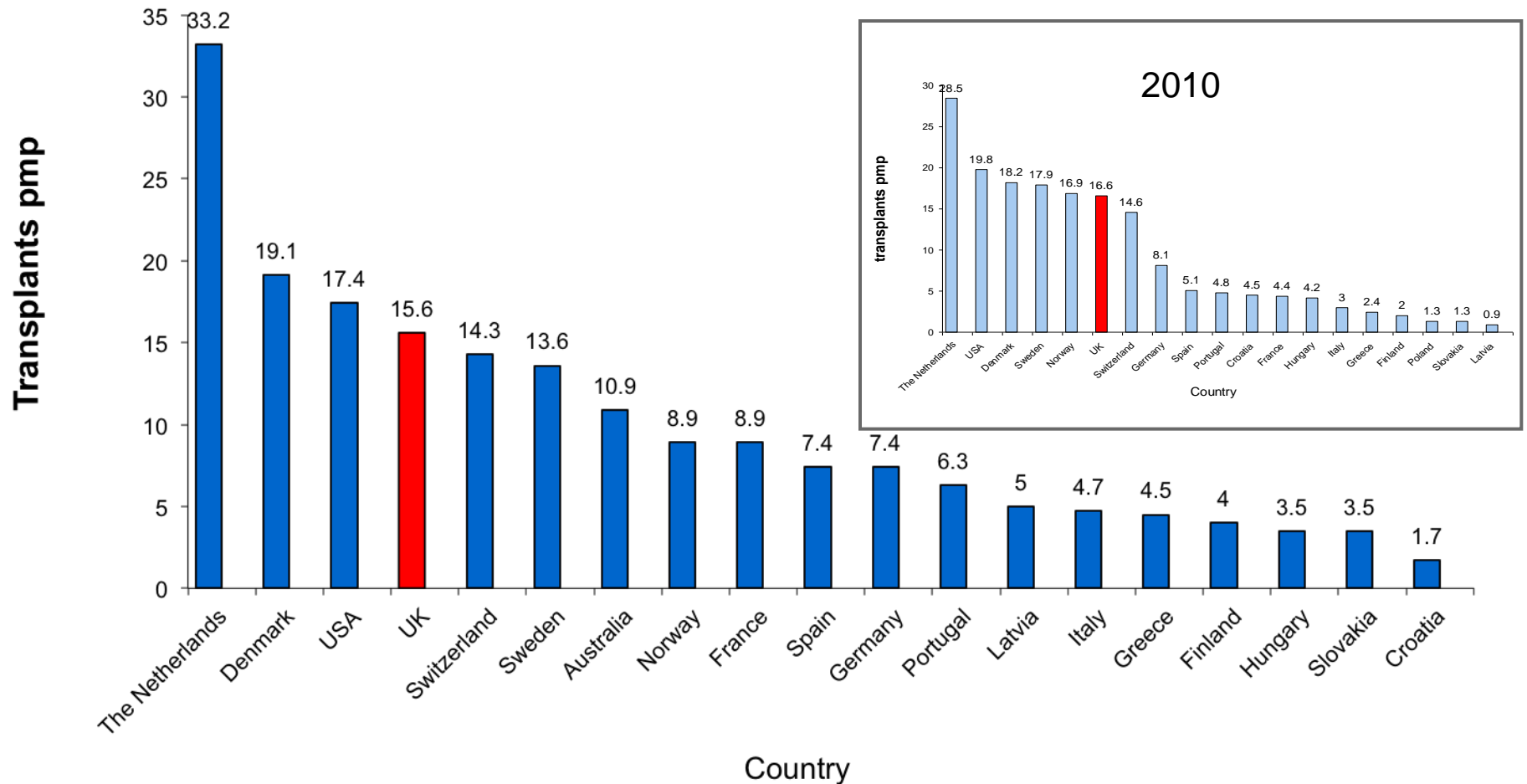
# Background

# Living donor kidney transplants, 2002-2017



# International Comparison

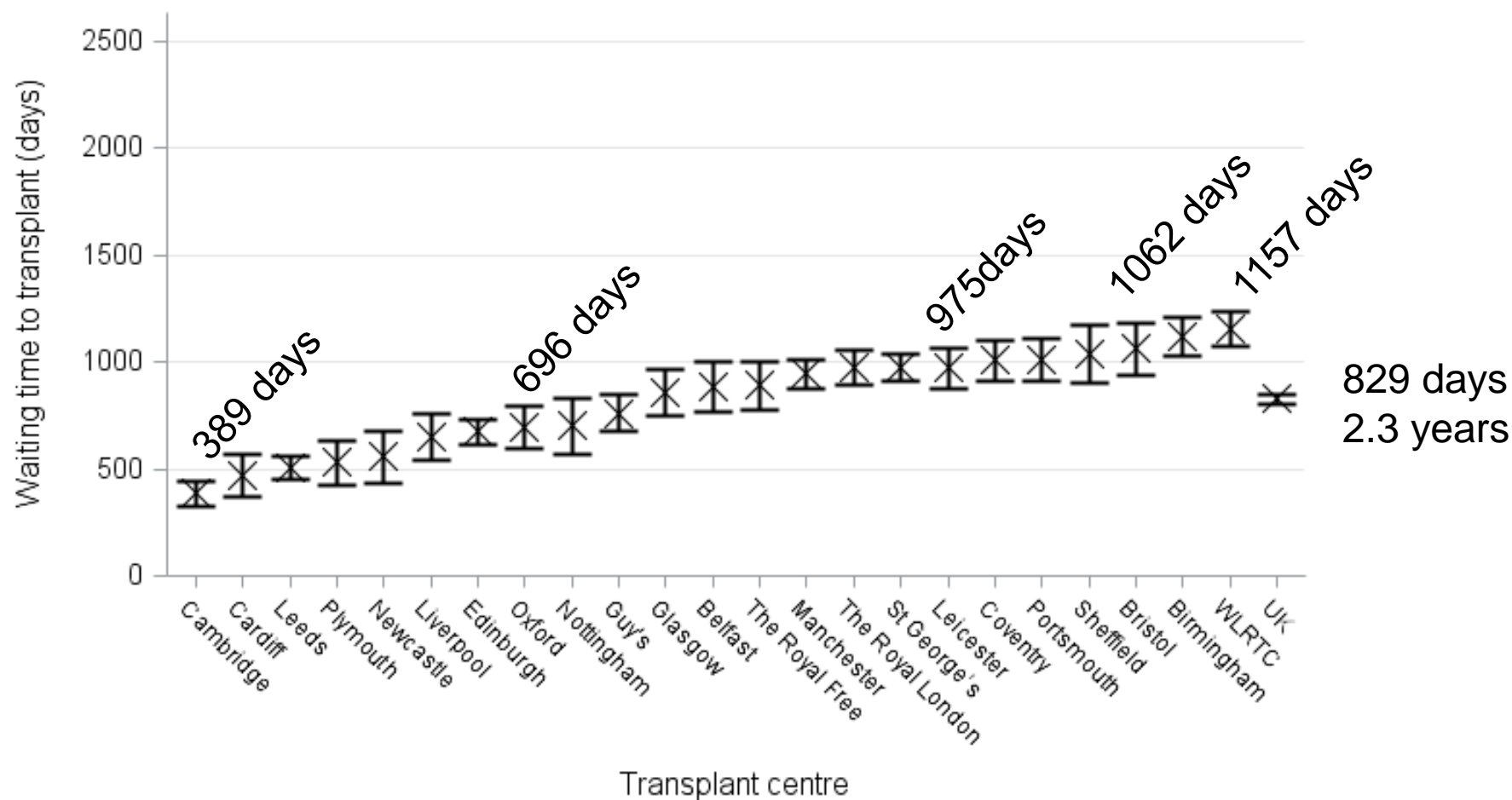
## Living donor kidney transplant rates for Europe, Australia and the USA, 2016



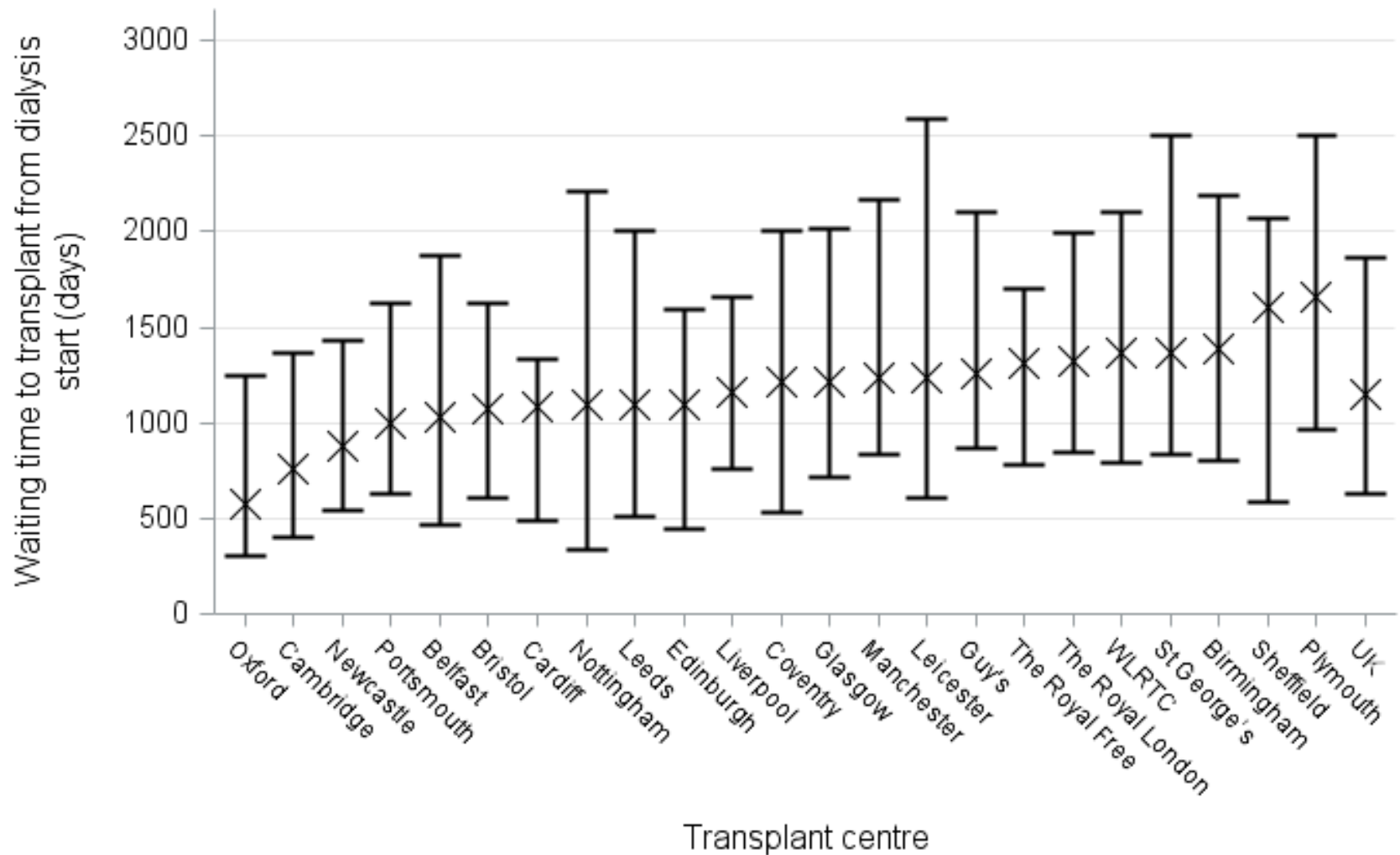
# Benefits of living donor transplant

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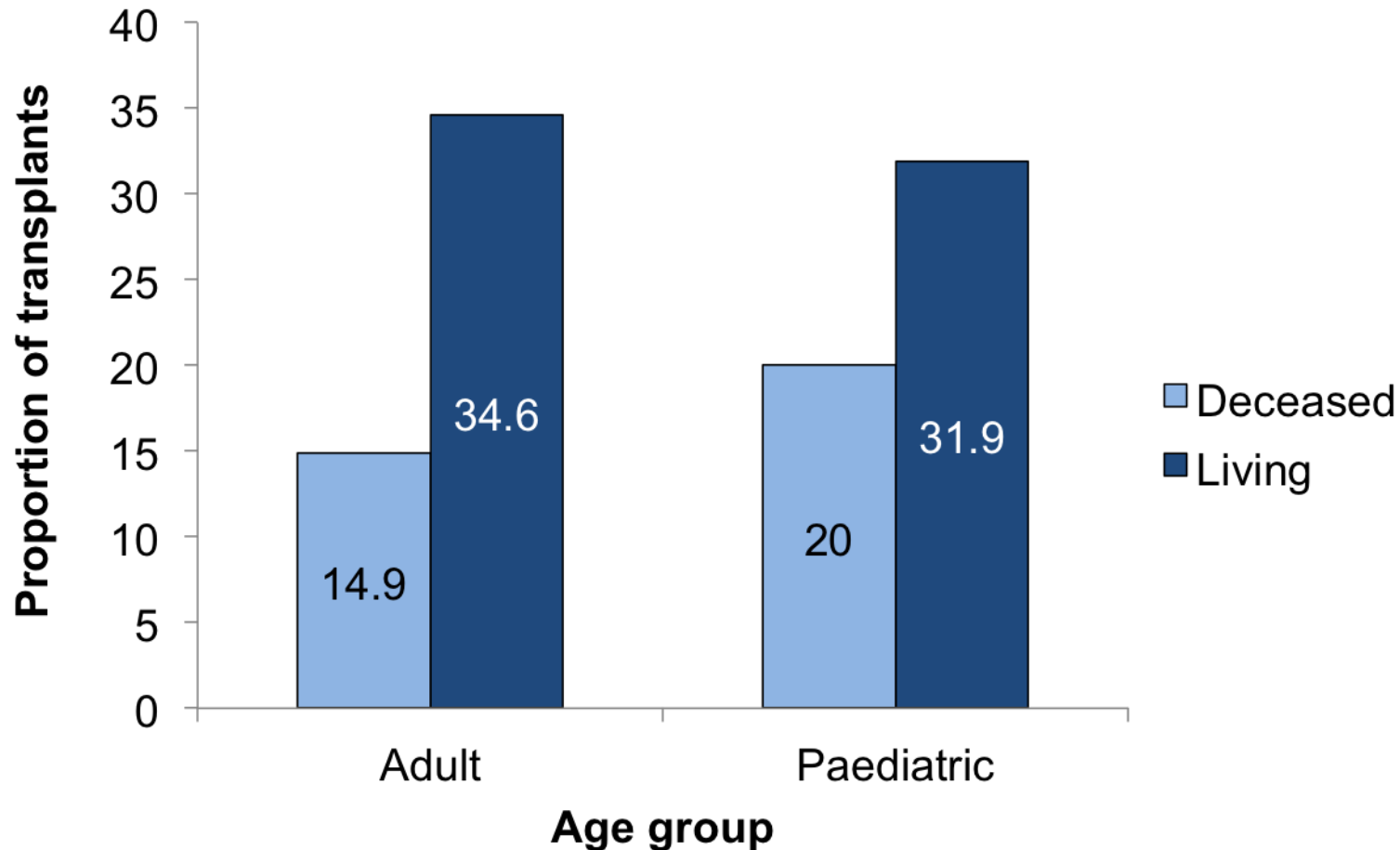
# Median waiting time to deceased donor kidney transplant for adult patients, 1 April 2011 – 31 March 2014



**Figure 3.12** Median days from dialysis start date to deceased donor transplant for adult patients transplanted, 1 April 2016 - 31 March 2017

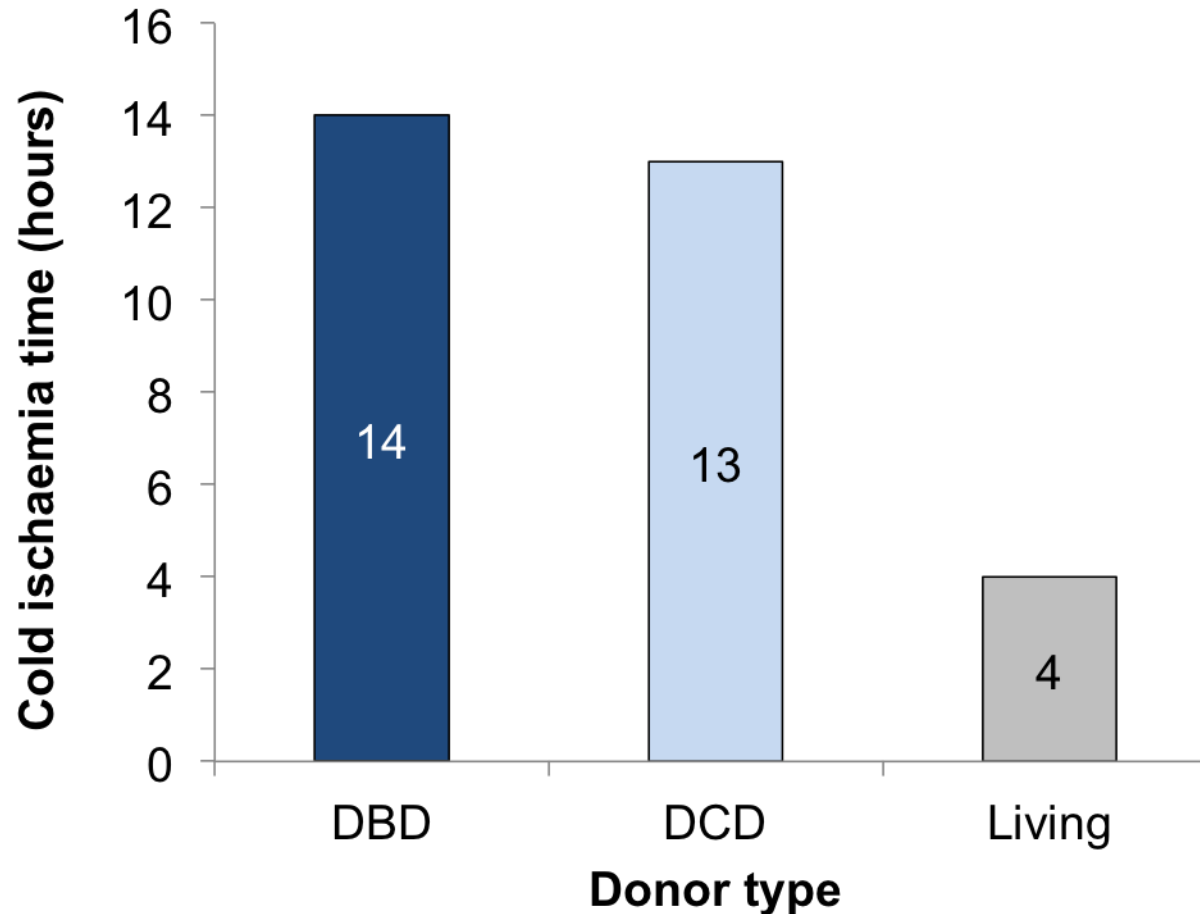


# Pre-emptive transplants, 1 April 2016 – 31 March 2017

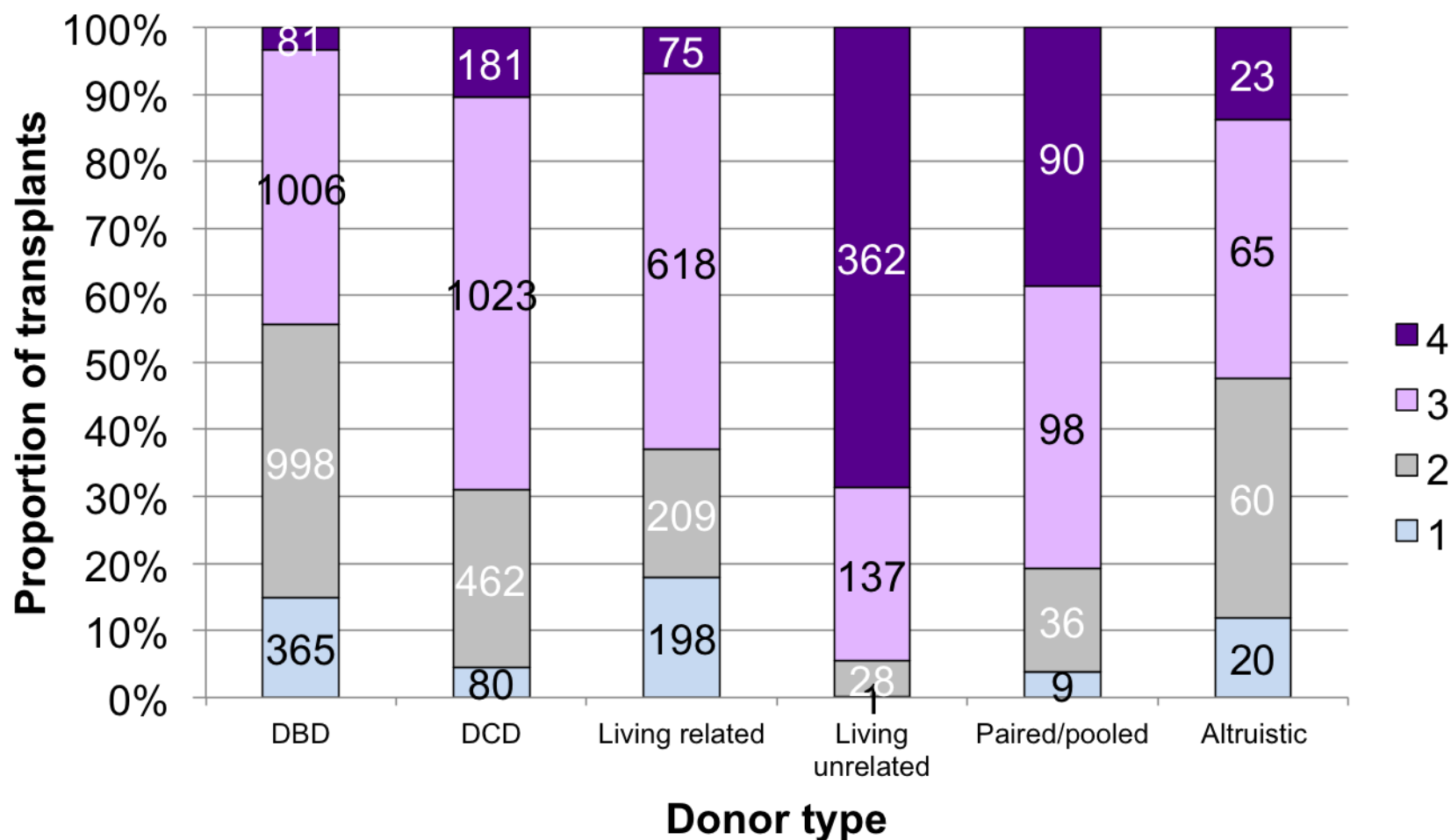




# Cold ischaemia time for kidney transplants, 1 April 2016 – 31 March 2017



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



Level 1 = 000,

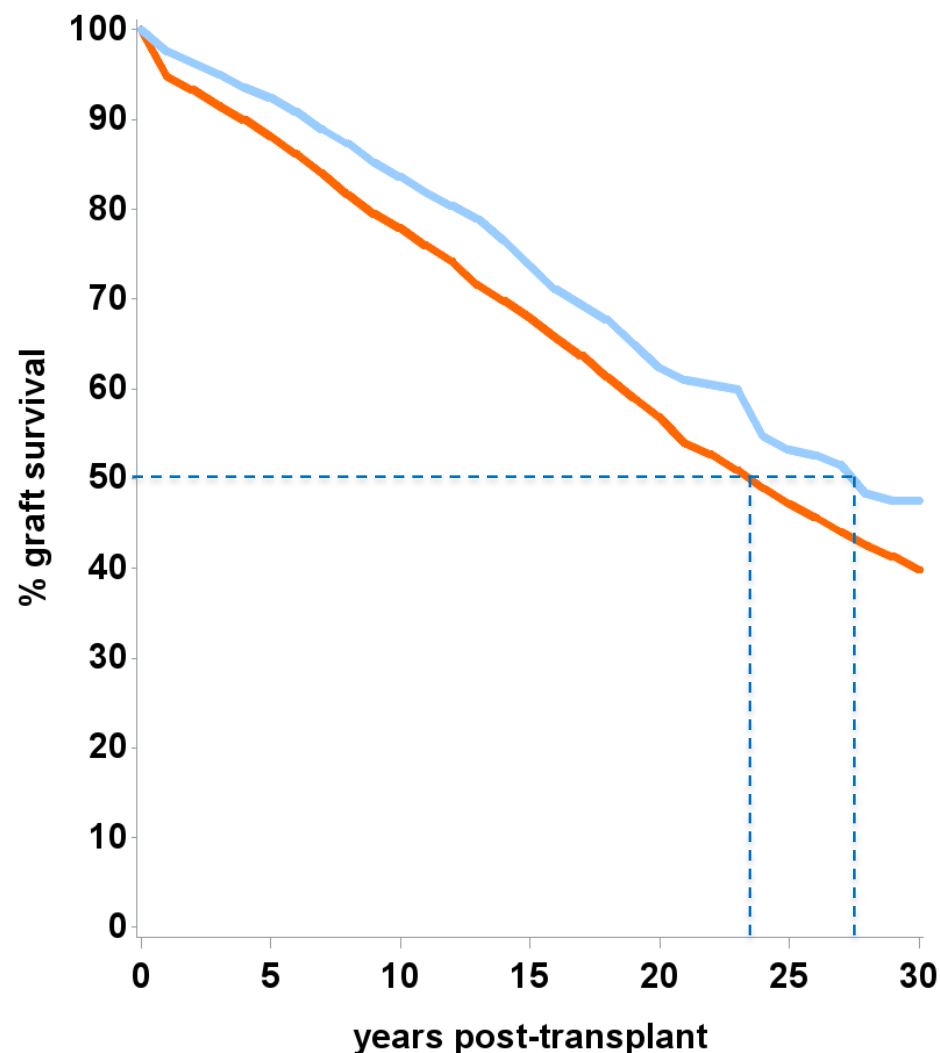
Level 2 = [0 DR and 0/1 B],

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, 01 Apr12 – 31 Mar16



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

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# ATTOM study

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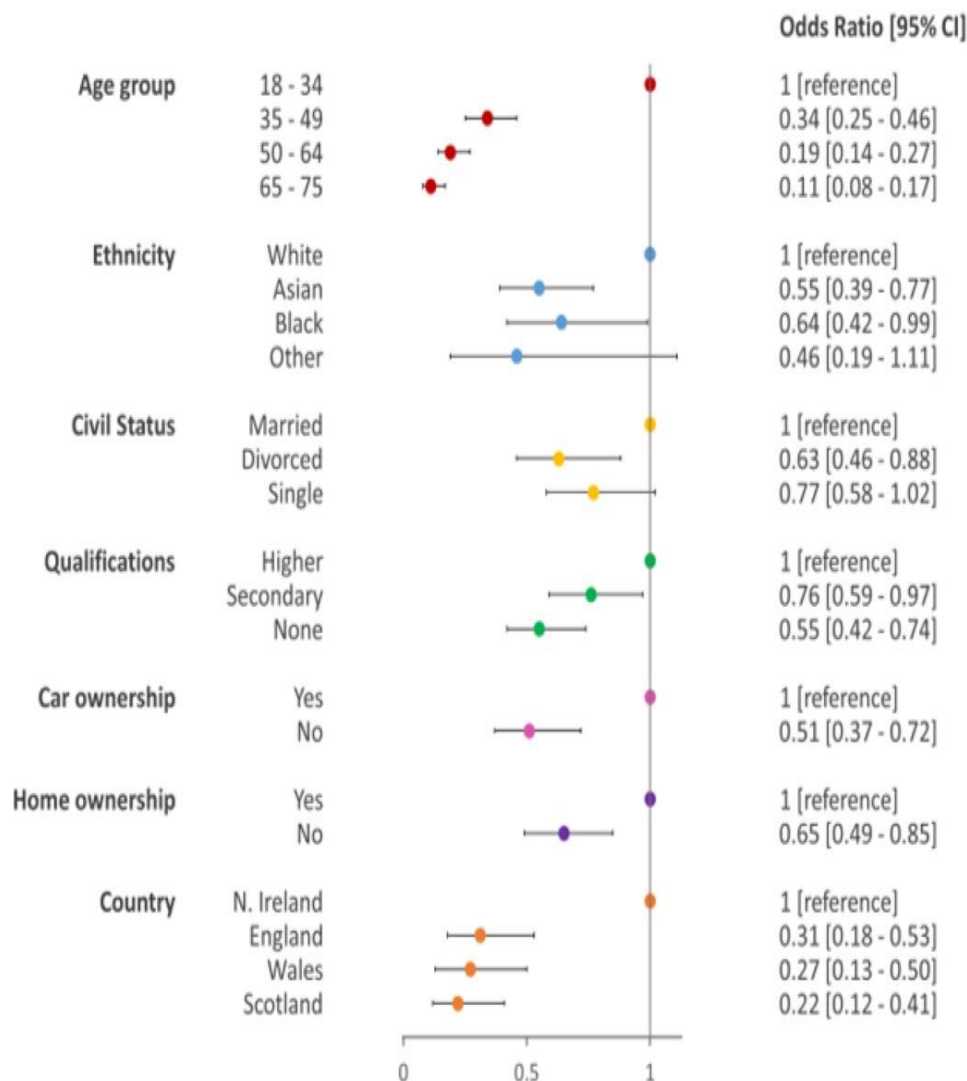
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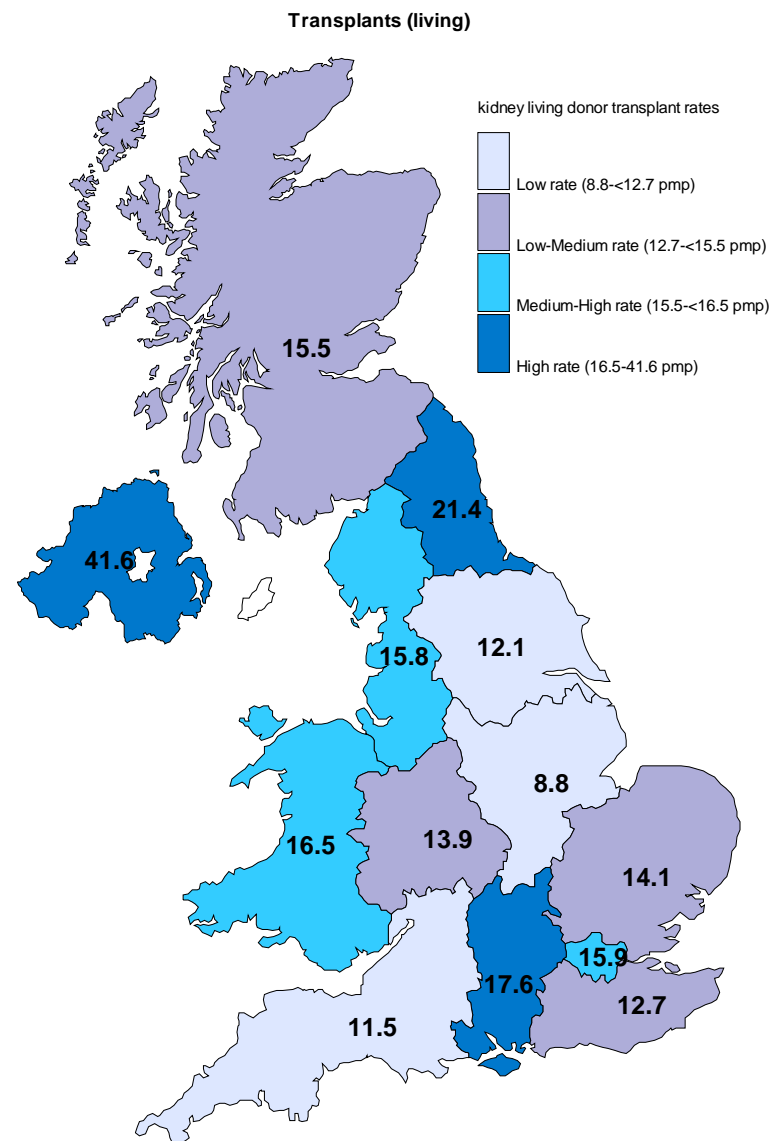
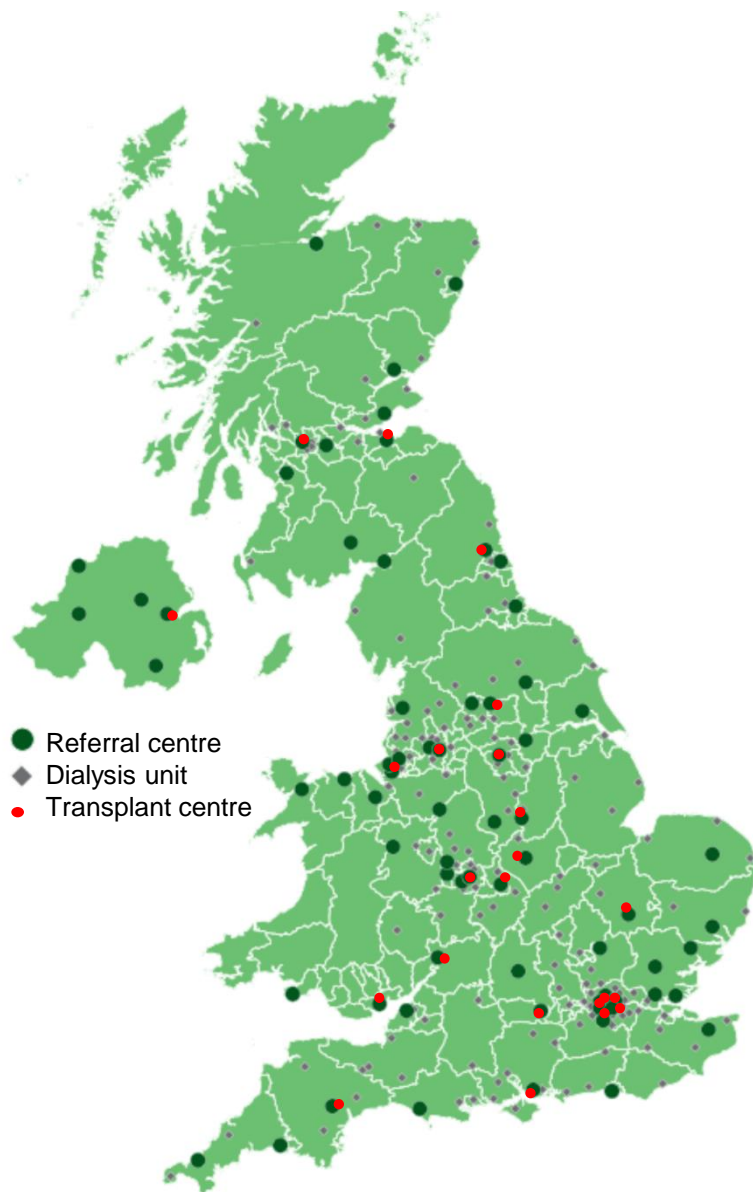
easures

2055 patients transplanted 2011-2013: 40%  
received LKDT & 60% deceased donor kidneys

# What do we know from the ATTOM study?

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







# Oxford units

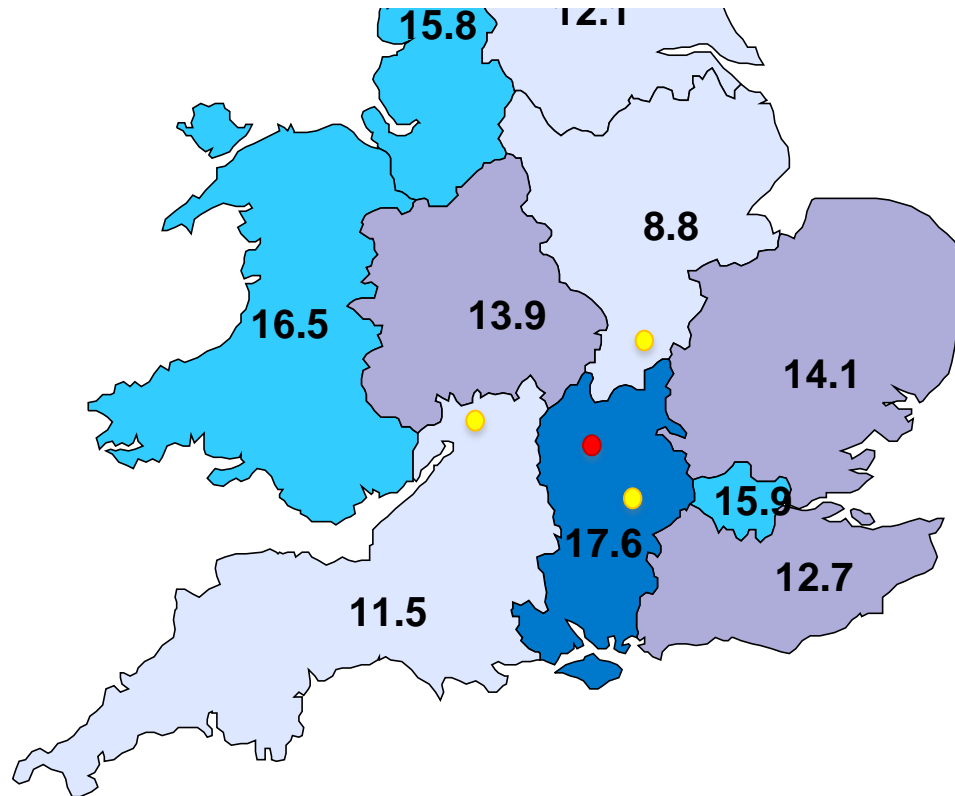
● Transplant centre

● Referral centre



*Blood and Transplant*

LKDT referred from  
Oxford  
Reading  
Gloucester  
Northampton



# Oxford data

Extracted from UK transplant registry data 2014-2017



## *Blood and Transplant*


	Population/ millions	Number of living donors/year			Mean LKDT rate pmp
		2014/15	2015/16	2016/17	
Estimated Oxford transplant centre catchment area	3.41	47	46	52	15.5

Renal Unit	Population covered/millions
Oxford	1.69
Reading	0.91
Gloucester (assumption half population ref to Bristol)	0.30
Northampton (assumption Northampton population ref to Oxford)	0.22

# How can we offer every opportunity for living kidney donation?

A decorative graphic at the bottom of the slide consisting of two overlapping wavy bands in shades of blue, creating a sense of movement and depth.

## 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?
- 
- A decorative graphic at the bottom of the slide consisting of several overlapping blue waves of varying shades, creating a sense of movement and depth.