

NHS BLOOD AND TRANSPLANT

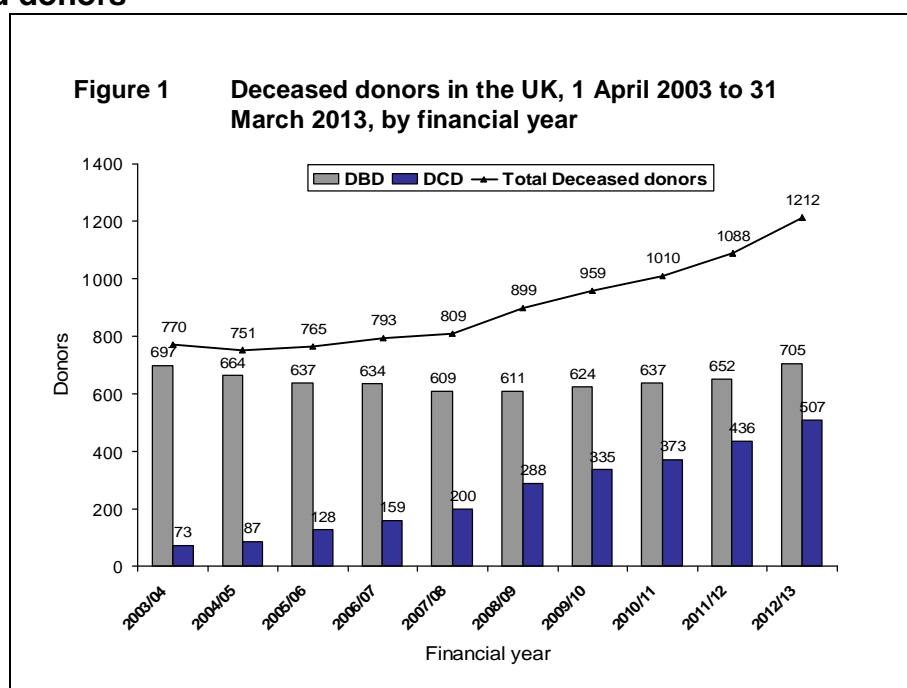
CARDIOTHORACIC ADVISORY GROUP

SUMMARY OF POTENTIAL AND ACTUAL ORGAN DONATION ACTIVITY

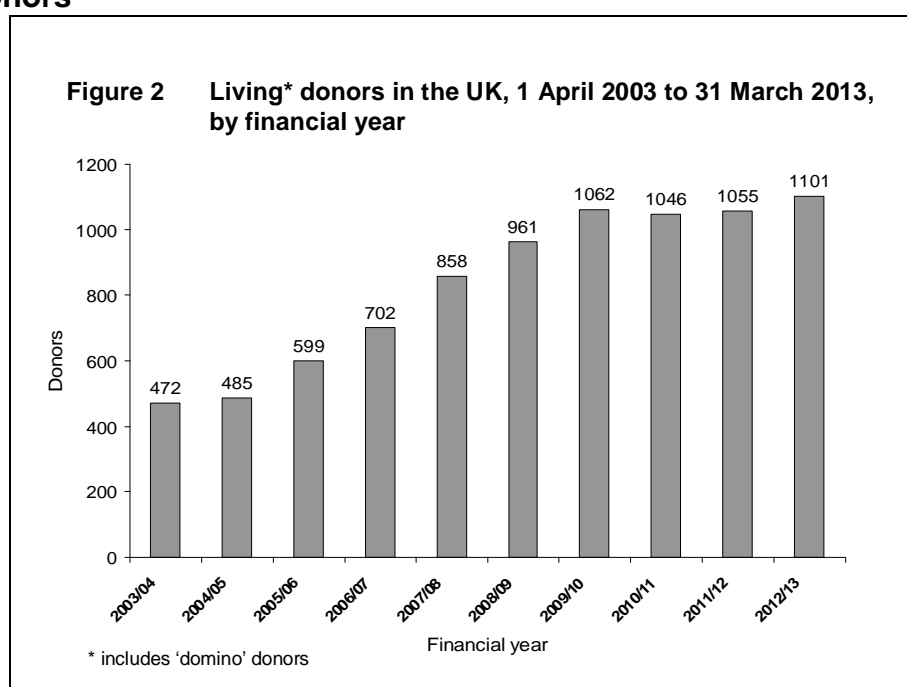
This paper summarises actual organ donation activity over the last ten financial years (2003/04 – 2012/13) and the potential for deceased organ donation over the last 39 months (April 2010 – June 2013) from the Potential Donor Audit (PDA).

ORGAN DONATION ACTIVITY

Deceased donors

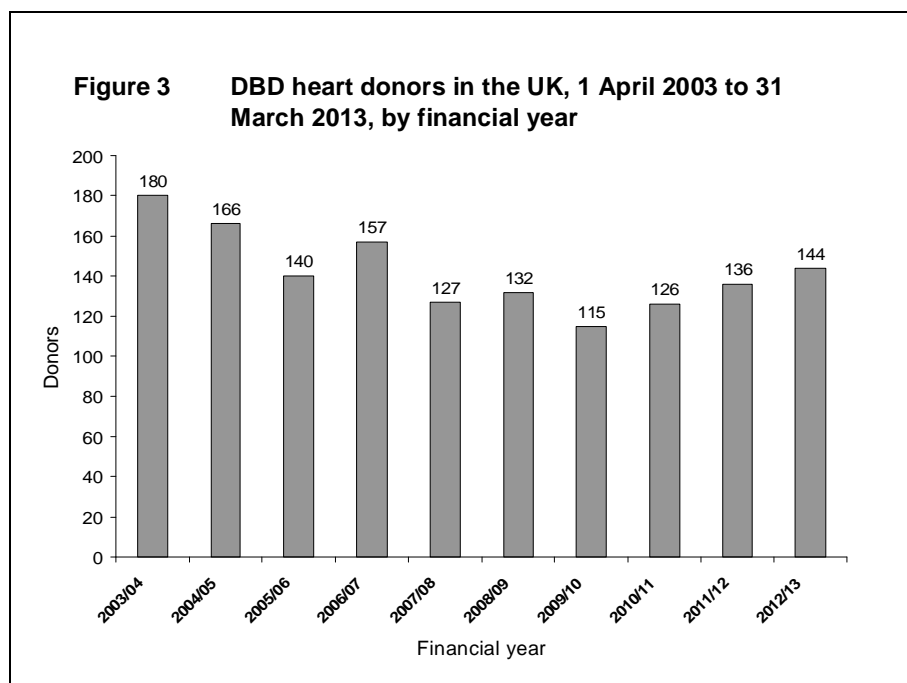


Living donors

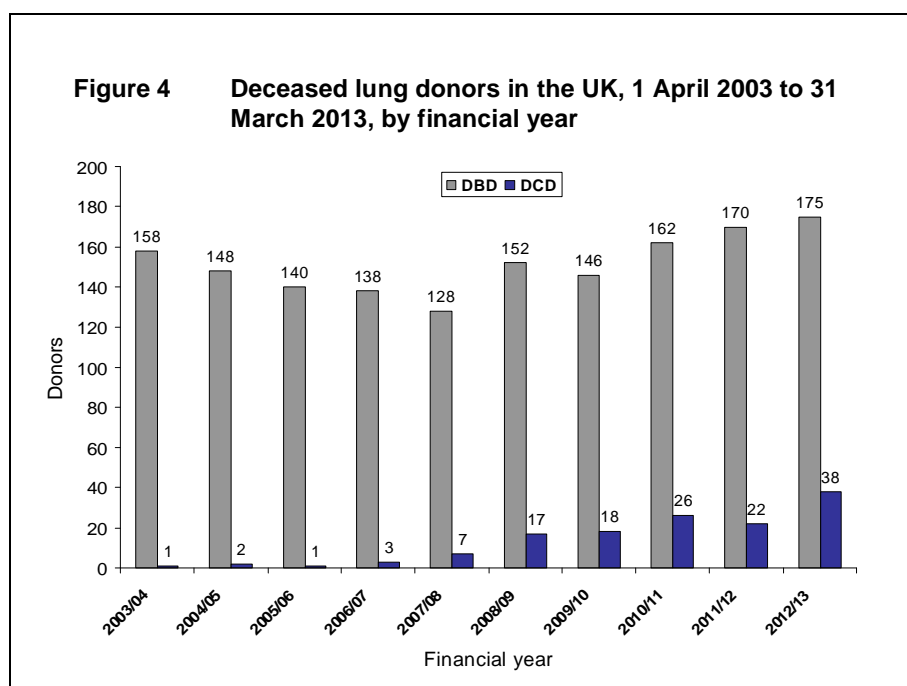


Figures 3-8 show deceased donors after brain death (DBD) and deceased donors after circulatory death (DCD) separately for each organ. Living organ donors are also shown as appropriate but 'domino' heart and liver donors are excluded.

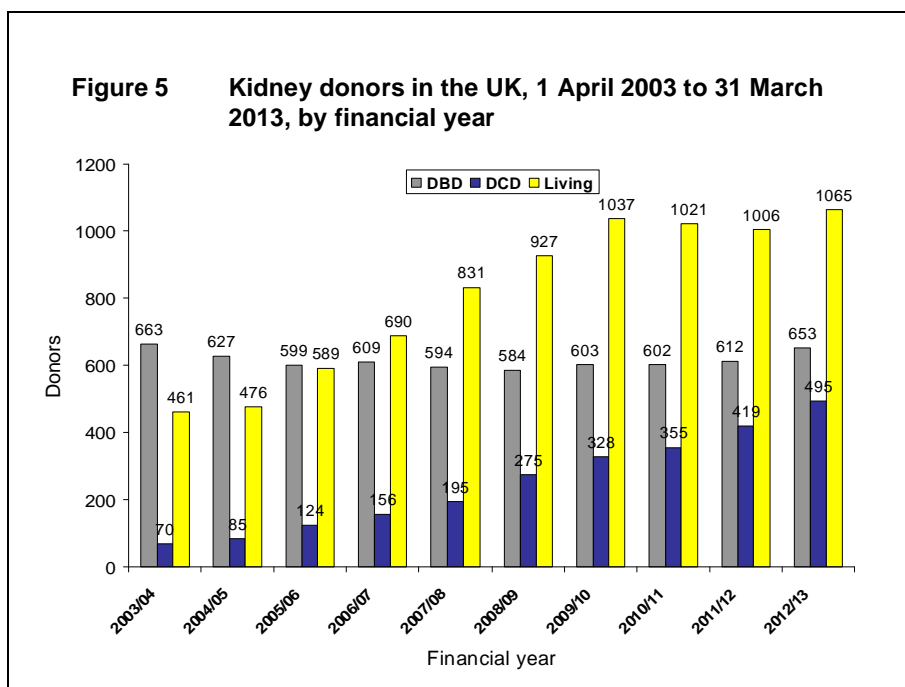
Deceased heart donors



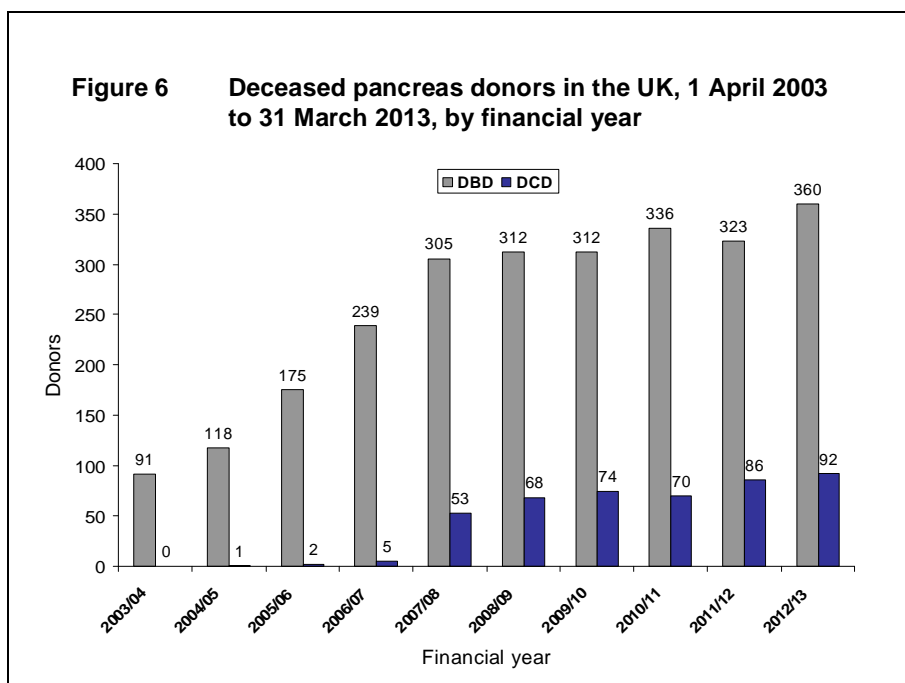
Deceased lung donors



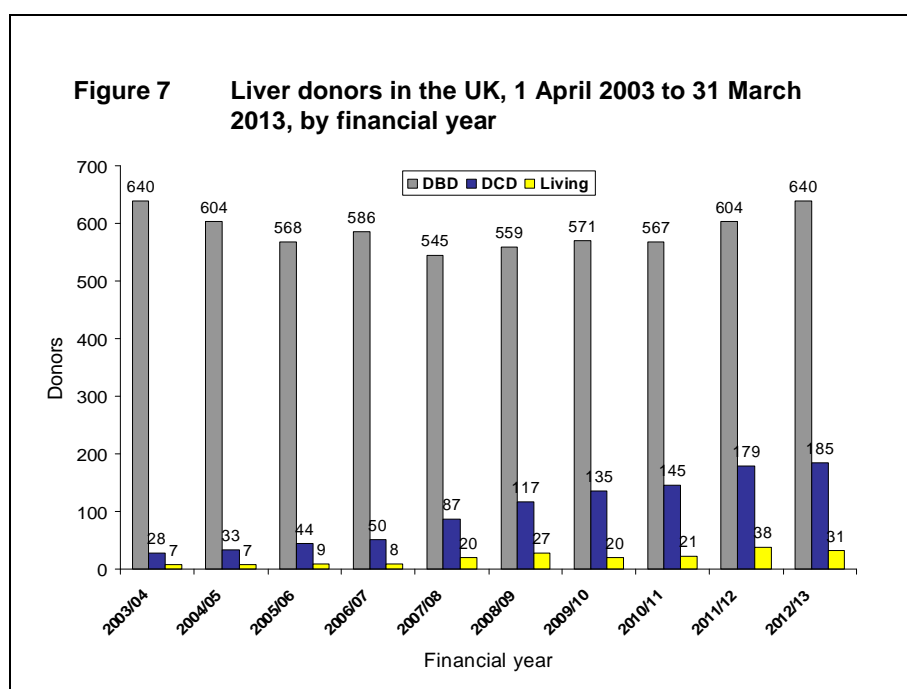
Kidney donors



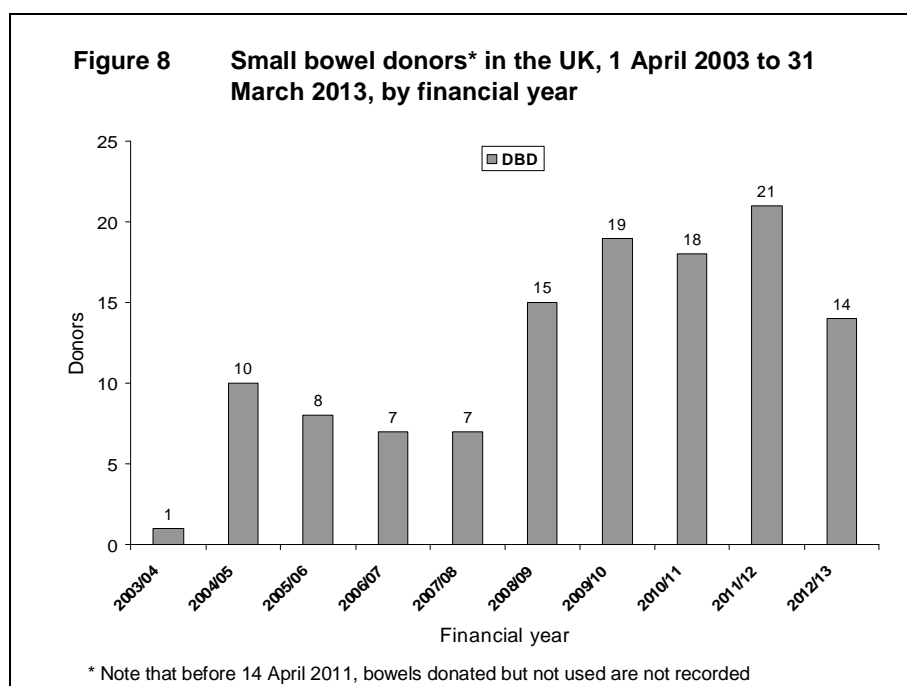
Deceased pancreas donors



Liver donors



Small Bowel donors



POTENTIAL ORGAN DONOR ACTIVITY

The following figures show data from the Potential Donor Audit (PDA) for 1 April 2010 to 30 June 2013 as recorded on 8 August 2013. The data presented reflect those patients meeting the national audit criteria:

- April 2010 to March 2013 – excluding patients aged over 75 years, and patients dying in cardiothoracic ICUs and wards.
- April 2013 onwards – excluding patients aged over 80 years, and patients dying in wards.

Definitions

- **Neurological death suspected** – Patient met four criteria: apnoea, coma from known aetiology and unresponsive, ventilated and fixed pupils.
- **Patient tested** – neurological death suspected and patient tested.
- **Imminent death anticipated** – Patient, not confirmed dead using neurological criteria, receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within 4 hours.
- **Patient referred** – Neurological death suspected or imminent death anticipated and patient referred to a Specialist Nurse - Organ Donation (SN-OD).
- **Eligible DBD** – Patient confirmed dead by neurological tests and no absolute medical contraindications to solid organ donation.
- **Eligible DCD** – Patient in whom a clinical decision to withdraw treatment has been made, treatment was withdrawn and no absolute medical contraindications to solid organ donation.
- **Family approached** – Eligible DBD or DCD and their family were approached for consent/ authorisation to donation.
- **Family consenting** – Eligible DBD or DCD whose family were approached and consented/ authorised donation.
- **DBD testing rate** – Proportion of patients in whom neurological death was suspected who were tested.
- **DBD referral rate** – Proportion of patients in whom neurological death was suspected who were referred to a SN-OD.
- **DCD referral rate** – Proportion of patients in whom imminent death was anticipated who were referred to a SN-OD.
- **DBD/ DCD approach rate** – Proportion of eligible DBD or DCD donors whose family were approached for consent/ authorisation to donation.
- **DBD / DCD consent / authorisation rate** – Number of families consenting to/ authorising donation out of those families approached.
- **DBD / DCD % approaches where SN-OD involved** – Proportion of approaches to the family for consent /authorisation that involved a SN-OD.

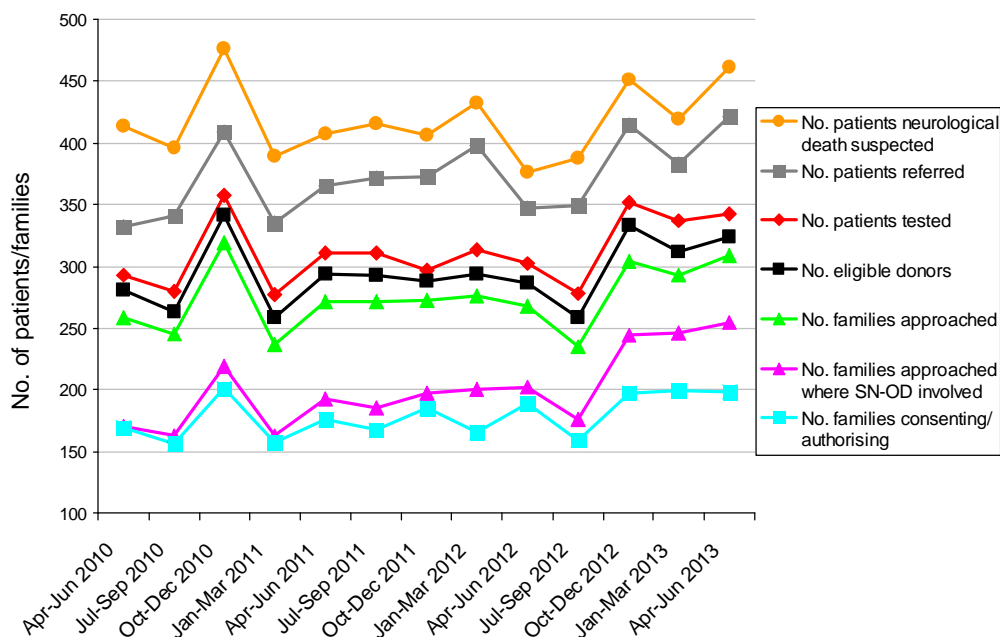
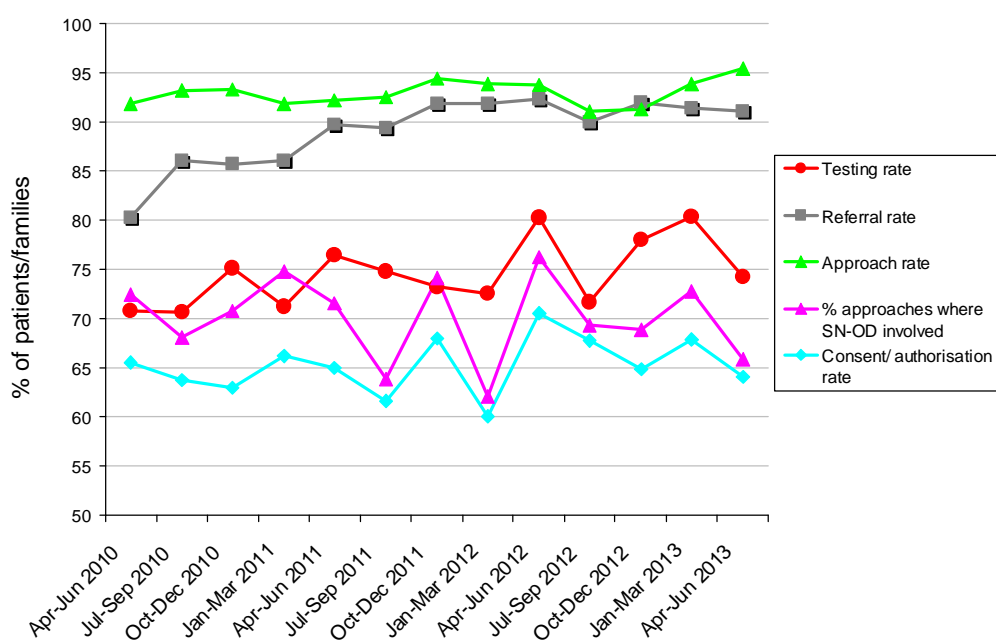
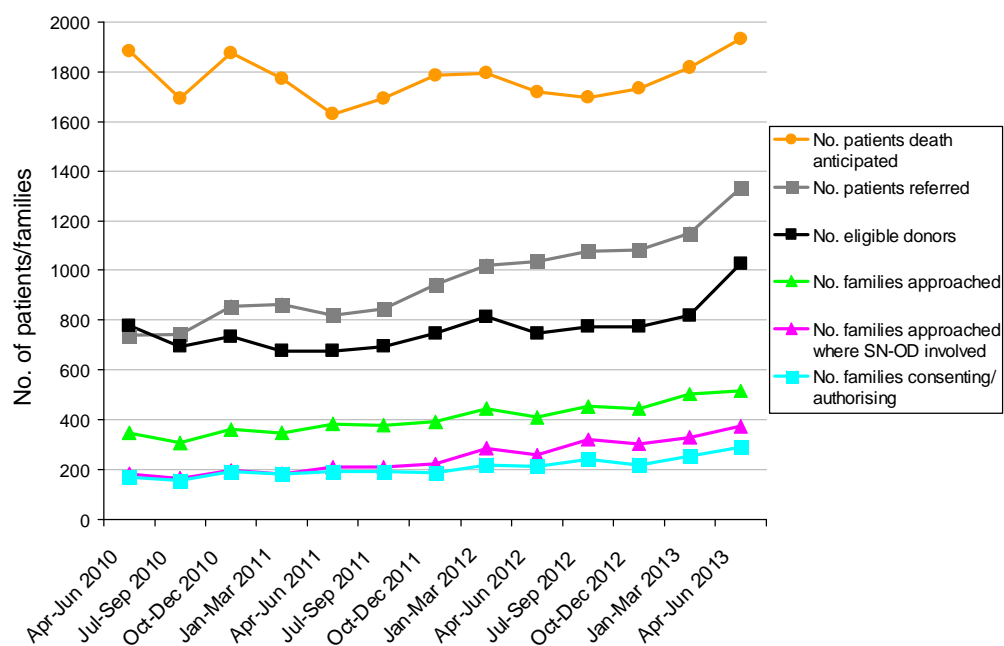
Figure 8 Summary of potential for DBD donation, 1 April 2010 – 30 June 2013**Figure 9 Key rates for DBD donation, 1 April 2010 – 30 June 2013**

Figure 10 Summary of potential for DCD donation, 1 April 2010 – 30 June 2013**Figure 11 Key rates for DCD donation, 1 April 2010 – 30 June 2013**