

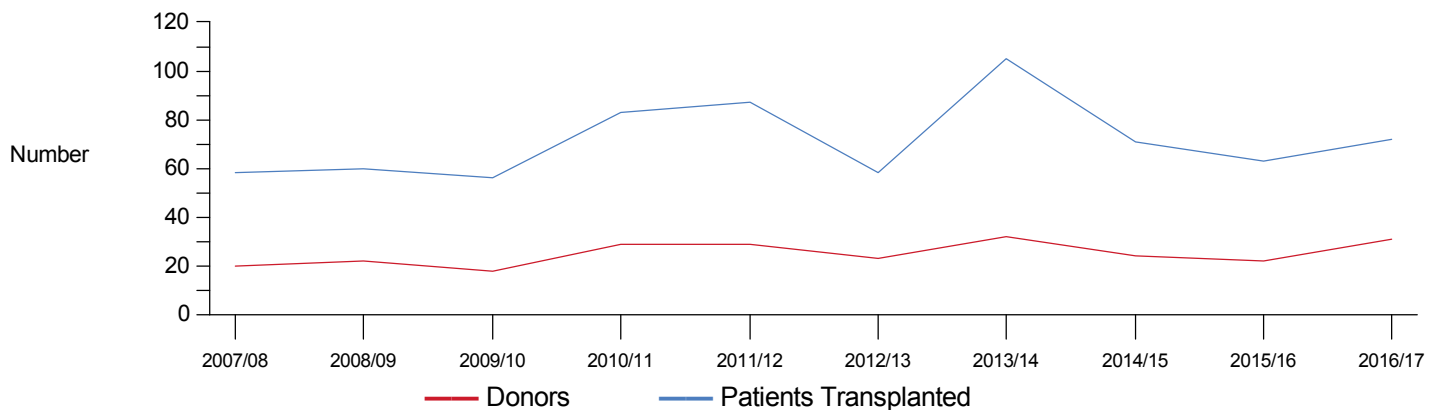
**NHS Lothian**

**Donor outcomes**

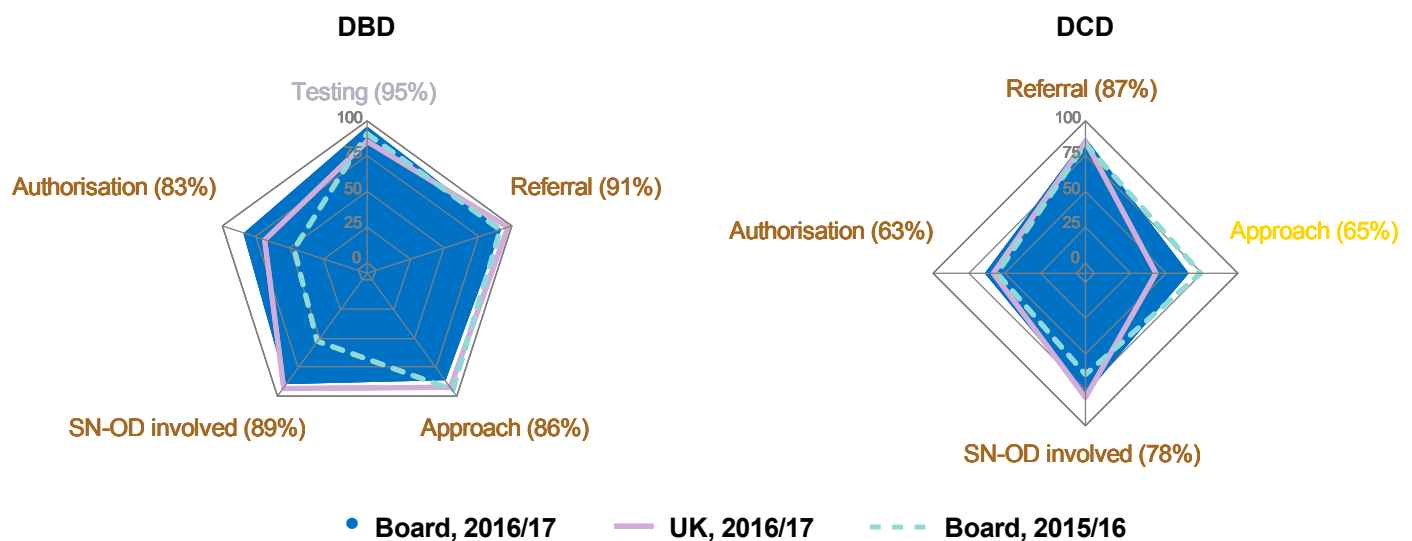
Between 1 April 2016 and 31 March 2017, your Board had 31 deceased solid organ donors, resulting in 72 patients receiving a transplant. Further details are provided in the table and chart below. If you would like further information, please contact your local Specialist Nurse - Organ Donation (SN-OD).

Donors, patients transplanted and organs per donor, 1 April 2016 - 31 March 2017 (1 April 2015 - 31 March 2016 for comparison)								
	Number of donors		Number of patients transplanted		Average number of organs donated per donor			
	Board	UK	Board	UK	Board	UK		
Deceased donors	31	(22)	72	(63)	3.4	(3.9)	3.4	(3.4)

**Number of donors and patients transplanted each year**



**Radar charts of key rates, 1 April 2016 to 31 March 2017**



The blue shaded area represents your Board's rates for 2016/17. The latest UK rates and your Board's rates for the equivalent period in the previous year are superimposed for comparison. The fuller the blue shaded area the better. The colour of the rate label on each of the radar charts indicates the Board performance as shown in the appropriate funnel plot (included in the detailed report) using the gold, silver, bronze, amber, and red (GoSBAR) scheme. Additionally, the funnel plots in the detailed report can be used to identify the maximum rates currently being achieved by Boards with similar donor potential.

## Key numbers and rates

There are nine measures on the Potential Donor Audit (PDA) which are most likely to affect the conversion of potential donors into actual donors. A comparison against funnel plot boundaries has been applied by highlighting the key rates for your Board as gold, silver, bronze, amber, or red. Funnel plots can be found in the detailed report. Between 1 April 2016 and 31 March 2017, your Board met a statistically acceptable level in all of these measures. Of the 22 potential DBD donors with suspected neurological death, 14 proceeded to donation and 8 did not proceed. Of the 71 eligible DCD donors, 17 proceeded to donation and 54 did not proceed. Further details are provided below. Caution should be applied when interpreting percentages based on small numbers.

	Target	DBD				DCD			
		2016/17 Board	UK	2015/16 Board	UK	2016/17 Board	UK	2015/16 Board	UK
Patients meeting organ donation referral criteria <sup>1</sup>		22	1,775	22	1,747	87	6,204	89	6,500
Referred to SN-OD		20	1,728	20	1,684	76	5,308	74	5,402
Referral rate %		<b>B</b> 91%	97%	91%	96%	<b>B</b> 87%	86%	83%	83%
Neurological death tested		21	1,522	20	1,477				
Testing rate %		<b>S</b> 95%	86%	91%	85%				
Eligible donors <sup>2</sup>		21	1,444	20	1,404	71	4,237	73	4,205
Family approached		18	1,329	19	1,296	46	1,815	54	1,942
Approach rate %		<b>B</b> 86%	92%	95%	92%	<b>G</b> 65%	43%	74%	46%
Family approached and SN-OD involved		16	1,236	10	1,180	36	1,460	35	1,511
% of approaches where SN-OD involved		<b>B</b> 89%	93%	53%	91%	<b>B</b> 78%	80%	65%	78%
Authorisation ascertained		15	917	9	891	29	1,055	30	1,113
Authorisation rate %	72%	<b>B</b> 83%	69%	47%	69%	<b>B</b> 63%	58%	56%	57%
Expected authorisations based on ethnic mix		13		14		26		29	
Expected authorisation rate based on ethnic mix %		74%		72%		60%		60%	
Actual donors from each pathway		14	819	8	786	17	565	14	564
% of authorised donors that became actual donors		93%	89%	89%	88%	59%	54%	47%	51%
Colour key - comparison with funnel plot confidence limits		<b>G</b> Gold <b>A</b> Amber		<b>S</b> Silver <b>R</b> Red		<b>B</b> Bronze			

<sup>1</sup> DBD - A patient with suspected neurological death

DCD - A patient in whom imminent death is anticipated, ie a patient receiving assisted ventilation, a clinical decision to withdraw treatment has been made and death is anticipated within 4 hours

<sup>2</sup> DBD - Death confirmed by neurological tests and no absolute contraindications to solid organ donation

DCD - Imminent death anticipated and treatment withdrawn with no absolute contraindications to solid organ donation

Note that from 1 April 2016 to 31 March 2017 there was one eligible DCD donor for whom authorisation for donation was ascertained who is not included in this section because they were either over 80 years of age or did not die in a unit participating in the PDA.

## Further Information

- A detailed report for your Board accompanies this Executive Summary, which also contains definitions of terms, abbreviations, table and figure descriptions, targets and tolerances, and details of the main changes made to the PDA on 1 April 2013.
- The latest Activity Report is available at <https://www.organdonation.nhs.uk/supporting-my-decision/statistics-about-organ-donation/transplant-activity-report/>
- The latest PDA Annual Report is available at <http://www.odt.nhs.uk/odt/potential-donor-audit/>
- Please refer any queries or requests for further information to your local Specialist Nurse - Organ Donation (SN-OD).

## Source

NHS Blood and Transplant: UK Transplant Registry (UKTR), Potential Donor Audit (PDA) and Referral Record. Issued May 2017 based on data reported at 8 May 2017.