

NHS Lothian

Taking Organ Transplantation to 2020

In 2020/21, from 33 authorised donors the Board facilitated 27 actual solid organ donors resulting in 70 patients receiving a life-saving or life-changing transplant. Data obtained from the UK Transplant Registry.

In addition to the 27 proceeding donors there were 6 authorised donors that did not proceed.

Best quality of care in organ donation

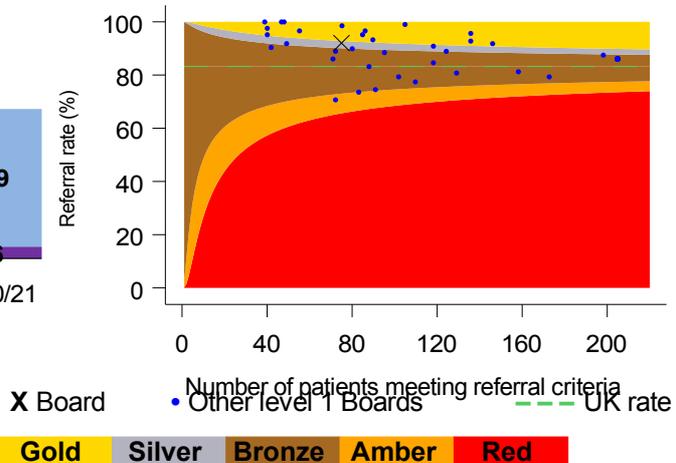
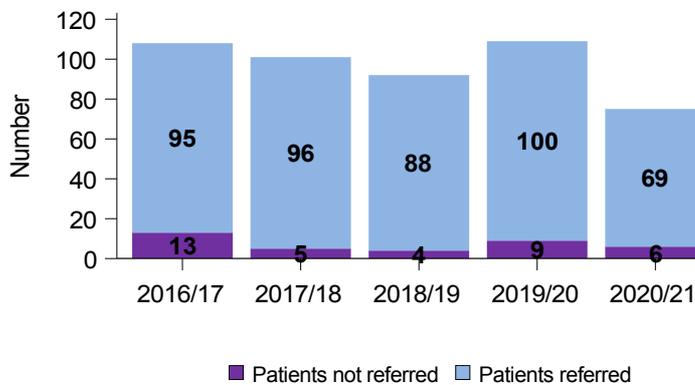
We acknowledge that the data presented in this section includes the period most significantly impacted by COVID-19 and appreciate that the COVID-19 pandemic affected Trusts/Boards differently across the UK.

Referral of potential deceased organ donors

Goal: Every patient who meets the referral criteria should be identified and referred to NHS Blood and Transplant's Organ Donation Service

Aim: There should be no purple on the chart

Aim: The Board (marked with a cross) should fall within Bronze, Silver, or Gold



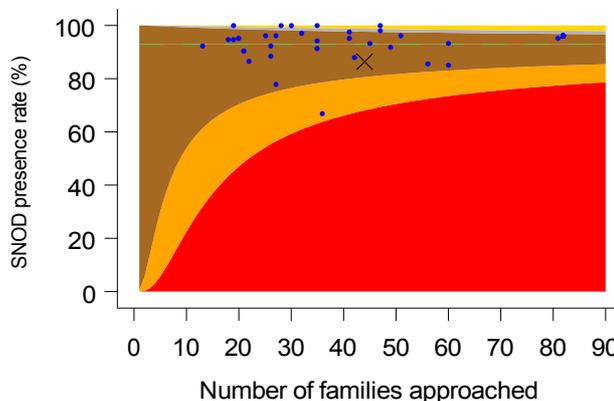
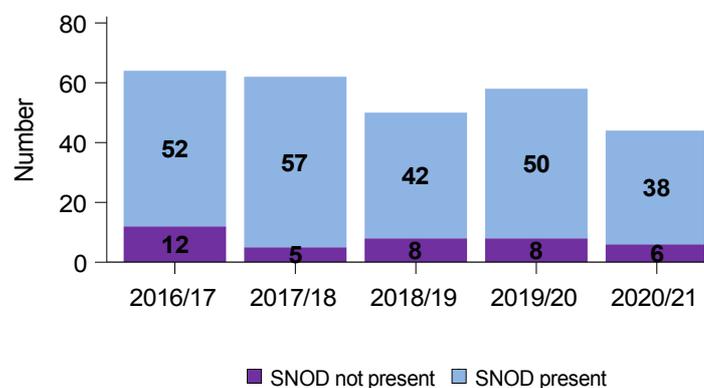
The Board referred 69 potential organ donors during 2020/21. There were 6 occasions where potential organ donors were not referred.

Presence of Specialist Nurse for Organ Donation

Goal: A Specialist Nurse for Organ Donation (SNOD) should be present during every organ donation discussion with families

Aim: There should be no purple on the chart

Aim: The Board (marked with a cross) should fall within Bronze, Silver, or Gold



A SNOD was present for 38 organ donation discussions with families during 2020/21. There were 6 occasions where a SNOD was not present.

Why it matters

- If suitable patients are not referred, the patient's decision to be an organ donor is not honoured or the family does not get the chance to support organ donation.
- The authorisation rate in the UK is much higher when a SNOD is present.
- The number of patients receiving a life-saving or life-changing solid organ transplant in the UK is increasing but patients are still dying while waiting.

Regional donors, transplants, waiting list, and NHS Organ Donor Register (ODR) data

	Scotland*	UK
1 April 2020 - 31 March 2021		
Deceased donors	95	1,180
Transplants from deceased donors	293	2,943
Deaths on the transplant list	48	497
As at 31 March 2021		
Active transplant list	401	4,256
Number of NHS ODR opt-in registrations (% registered)**	2,770,976 (52%)	26,746,406 (41%)

*Regions have been defined as per former Strategic Health Authorities

** % registered based on population of 5.37 million, based on ONS 2011 census data

Further information

Further information on potential donors after brain death (DBD) and potential donors after circulatory death (DCD) at the Board are shown below, including a UK comparison. Data obtained from the Potential Donor Audit (PDA).

	DBD		DCD		Deceased donors	
	Board	UK	Board	UK	Board	UK
Patients meeting organ donation referral criteria ¹	27	1810	52	6027	75	7551
Referred to Organ Donation Service	26	1777	47	4770	69	6282
<i>Referral rate %</i>	B 96%	98%	S 90%	79%	S 92%	83%
Neurological death tested	21	1490				
<i>Testing rate %</i>	B 78%	82%				
Eligible donors ²	17	1353	37	2860	54	4207
Family approached	16	1210	28	1042	44	2248
Family approached and SNOD present	16	1168	22	925	38	2089
<i>% of approaches where SNOD present</i>	G 100%	97%	B 79%	89%	B 86%	93%
Authorisation ascertained	15	891	17	665	32	1553
<i>Authorisation rate %</i>	S 94%	74%	B 61%	64%	B 73%	69%
Actual donors (PDA data)	15	777	12	404	27	1180
<i>% of authorised donors that became actual donors</i>	100%	87%	71%	61%	84%	76%

¹ 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

² 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 a patient that meets both the referral criteria for DBD and DCD organ donation is featured in both the DBD and DCD data but will only be counted once in the deceased donors total

Gold **Silver** **Bronze** **Amber** **Red**

For further information, including definitions, see the latest Potential Donor Audit report at www.odt.nhs.uk/statistics-and-reports/potential-donor-audit/