

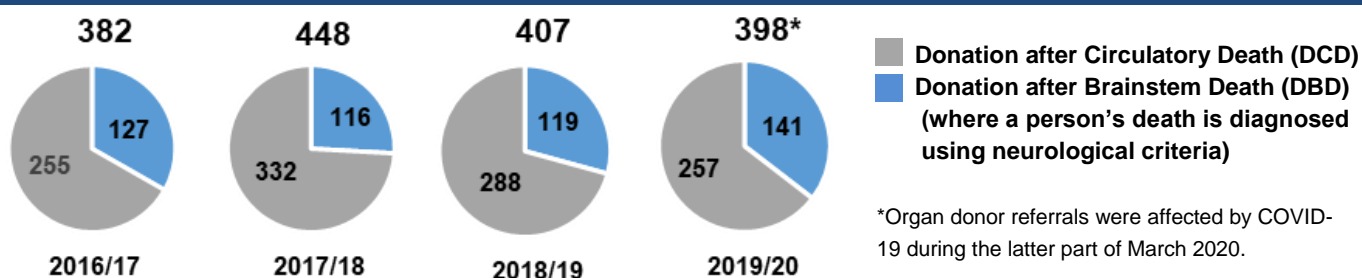
ORGAN AND TISSUE DONATION AND TRANSPLANTATION IN SCOTLAND

HOW ARE WE DOING?

REPORT 2019/2020

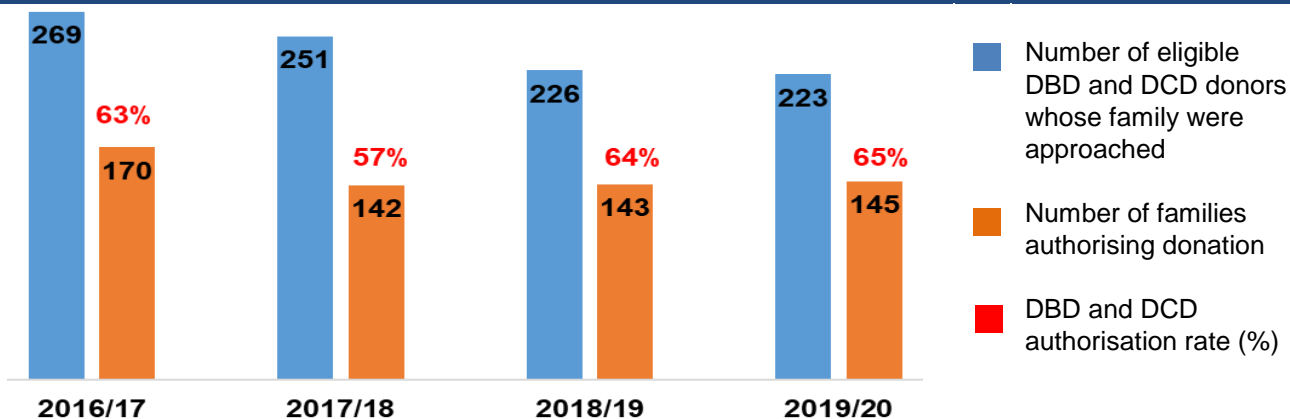


DECEASED ORGAN DONOR REFERRALS



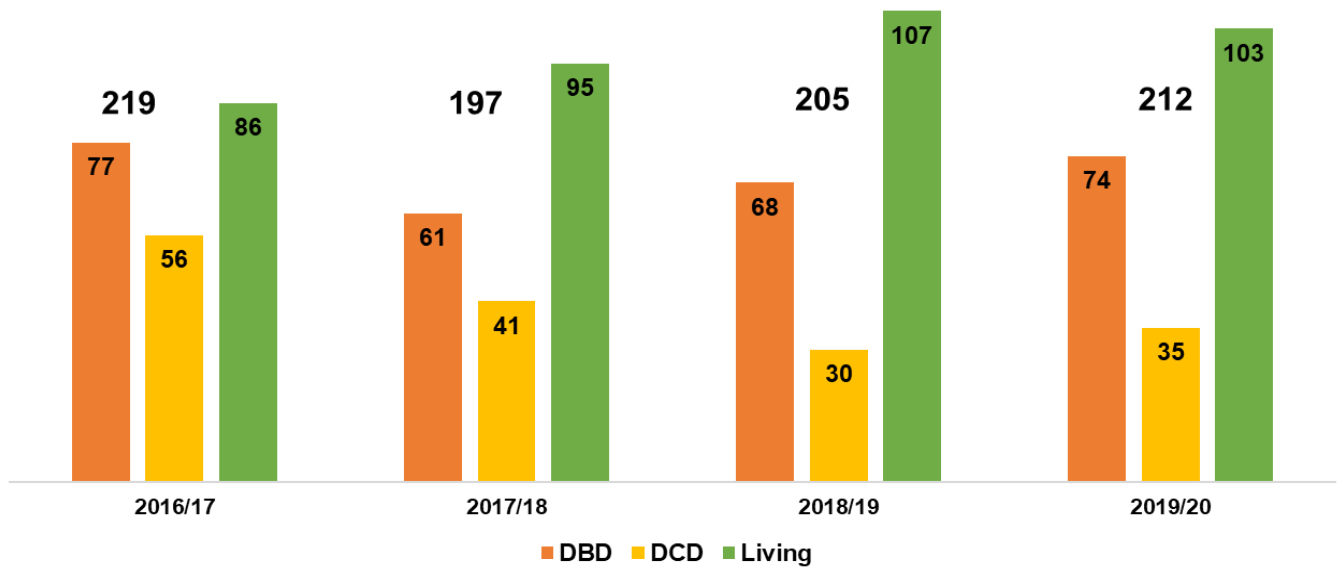
- 2019/20 saw an increase in the number of DBD referrals and a slight decrease in the number of DCD referrals from the previous year.
- There were still some potential organ donors that were not referred in 2019/20. It is likely that many of these **20 missed referrals** would not have been suitable to donate due to co-existing medical conditions. Nonetheless, it remains important to make sure no opportunities for donation are missed.
- Acceptance criteria for organs change frequently and can depend on how sick someone is on the transplant waiting list. **If in doubt as to whether to refer a patient**, contact the NHS Organ Donor Referral Line on **0300 20 30 40**.
- The NHS Organ Donor Register will always be checked by a Specialist Requester or Specialist Nurse for Organ Donation prior to approaching a family about donation.

ORGAN DONOR AUTHORISATION RATE



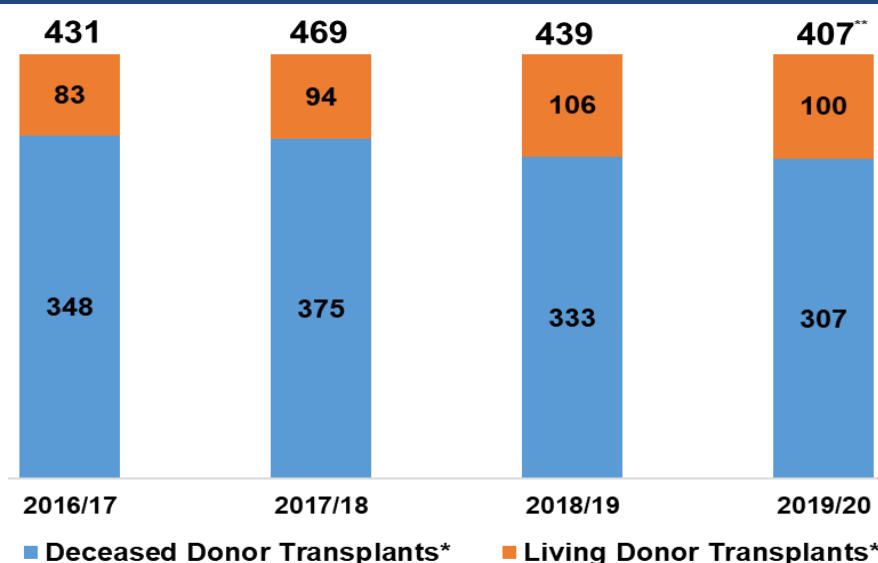
- In 2019/20 the combined authorisation rate for potential DBD and DCD donors was **65%**. Although the rate is slightly higher than it was in 2018/19, it is far short of the ambitious target which was previously set to increase authorisation rates to **85%** for DBD donors and **80%** for DCD donors by 2020.
- We will continue to monitor these rates; work is ongoing with the aim of increasing these figures over the next five years, although it is acknowledged that donation and transplantation rates, along with authorisation rates, do fluctuate constantly for a wide range of reasons, many of which are outwith the control of NHS staff.
- Authorisation rates for potential DBD donors were good, at **75%**, but were disappointing for DCD donors, at **55%**. Further work will be taken forward over the next five years to try to increase DCD authorisation rates.
- Last year **14 families** of people on the Organ Donor Register overturned their loved one's decisions to donate. It is vital that families discuss organ and tissue donation in life and make their decision known to their loved ones so that it can be honoured in the event of their death.

DONORS



- Only around **1% of all deaths in Scotland** occur in circumstances that **allow deceased organ donation to proceed** and one deceased donor can help save the lives of up to **9 people** and save or enhance the lives of many more through tissue donation.
- There was a slight increase in the number of deceased donations compared to 2018/19. However in 2019/20 there were **40** authorised donors that did not proceed due clinical reasons, such as unsuitability of organs for transplantation.
- In 2019/20, **88** people in Scotland donated a kidney to a family member or friend and **15** donated a kidney to a stranger (altruistic donation).
- For more information on living donation visit www.livingdonationscotland.org.

TRANSPLANTS



In 2019/20, **407** people in Scotland received a transplant:

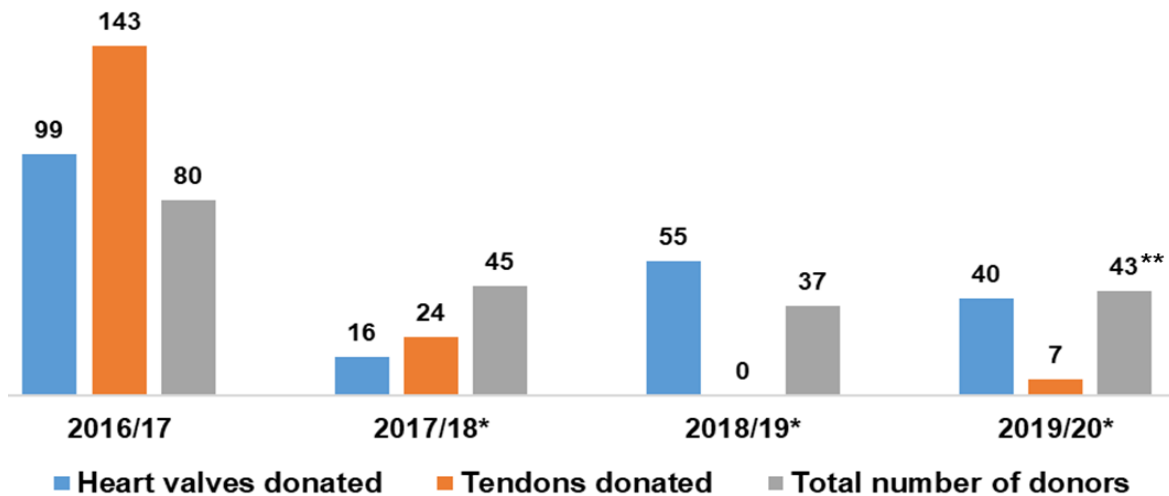
- **282** received a kidney transplant
- **68** received a liver transplant
- **24** received a kidney and pancreas transplant (or kidney and islet cell transplant)
- **13** received a heart transplant
- **9** received a lung transplant
- **10** received islet cell transplants
- **1** received a multi-organ transplant

* Based on residency

** The number of organ transplants affected by COVID-19 during the latter part of March 2020.

- Around **570** people in Scotland are currently waiting for a transplant. The majority of them are waiting for a kidney transplant.
- **Around 2.7 million** people in Scotland have joined the NHS Organ Donor Register, giving hope to those who are waiting for a transplant. This is **50%** of the population in Scotland.

NUMBERS OF TISSUE DONATIONS

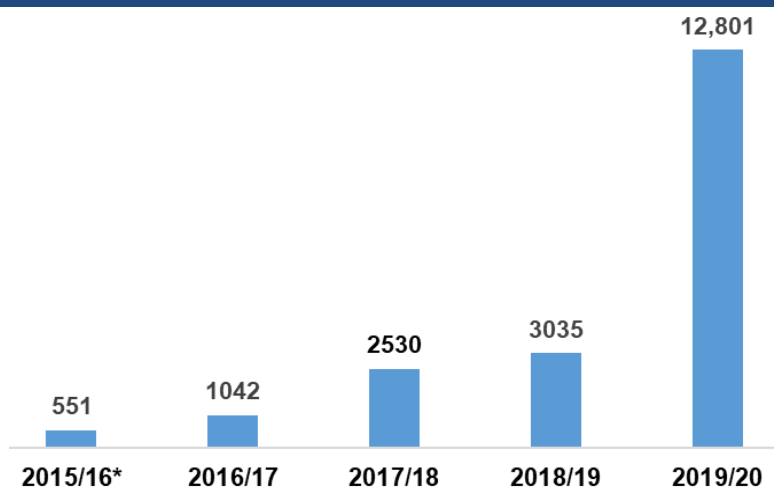


*Numbers affected by changes put in place to allow transition of service to the new SNBTS National Centre.

**The number of tissue donations was affected by COVID-19 during the latter part of March 2020

- Tissue donation after death includes the potential of donating life-saving heart valves and life-enhancing tendons and corneas.
- During 2019/20 there were:
 - **43 tissue donors**. 27 of these were also organ donors. Following the temporary suspension of tendon donation during the Scottish National Blood Transfusion Service (SNBTS) move to new premises between 2017 and 2018, the tendon retrieval service resumed in summer 2019. This means that the figures for 2018/19 and 2019/20 do not reflect the true tissue potential in Scotland.
 - **46 people** in Scotland **donated their eyes**, some of whom also donated organs or other tissue.
- There is always a Tissue Donor Co-ordinator on call in Scotland; they are happy to provide donation advice to healthcare professionals. They can be contacted **24/7** on **07623 513987**.

OPT OUT DECISIONS



*Opt out decisions from August 2015 to March 2016

The ability to register an opt out decision on the NHS organ donor register has been available since July 2015. A person who has opted out is declaring that they do not wish to donate any of their organs or tissues for transplantation after they die.

Prior to the introduction of the new system of 'deemed authorisation', otherwise known as an 'opt out' system planned for March 2021, work is ongoing to make all adults in Scotland aware of their choices about organ and tissue donation and to encourage them to record a donation decision and to discuss this with their family and friends.