

RINTAG Annual Report

2019 - 2020

The Team



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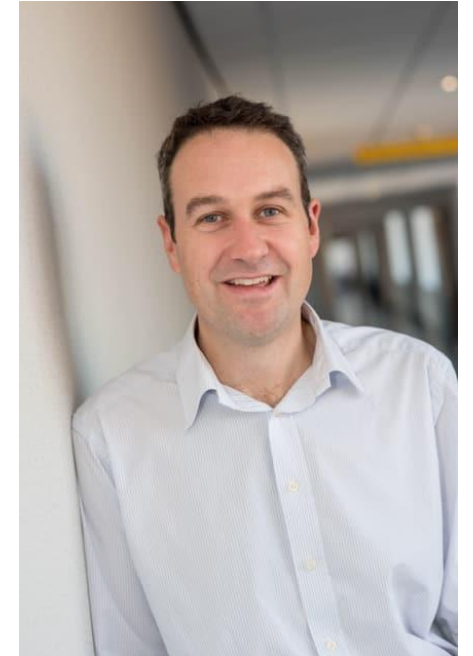
Gabriel Oniscu
Chair of RINTAG
Edinburgh



Liz Armstrong
**Head of Transplant
Development**
Birmingham



Blood and Transplant



Dan Harvey
**Innovation & Research
CLOD**
Nottingham



Yes I donate
ORGAN DONATION

The National Research Offering Scheme

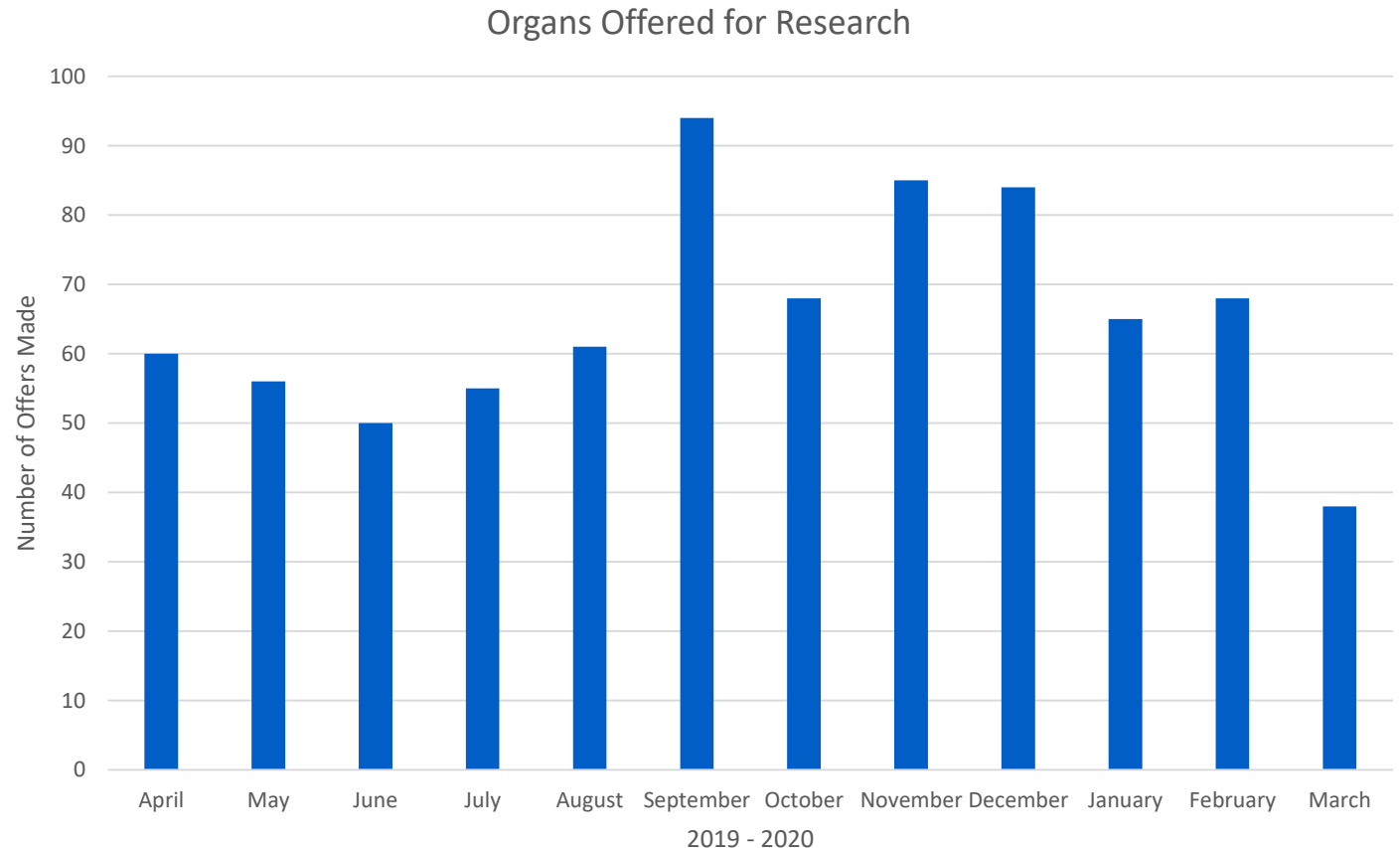
Organs that are removed, assessed and then deemed
untransplantable



Yes I donate
ORGAN DONATION

Research Offers

- 783 offers made from 541 organ donors
- Additional 10(+?) organs made available for research with no corresponding offer
 - e.g. right kidney became available when offer for left kidney was still active



Research Offers Compared to 2018/19

Organ Type	May 18 – April 19 FY totals (11 months)*	19/20 Financial Year totals	19/20 FY totals (adjusted to 11 months)	Difference
Lungs	21	14	13	-8
Hearts	1	13	12	+11
Kidneys	295	377	346	+51
Livers	156	229	210	+54
Pancreases	127	144	132	+5
Islets	4	6	6	+2
All Organ Types	604	783	719	+115

*Data collection began in May 2018

Offers by Donor Hospital



Blood and Transplant

Number of Organs Offered (All Types)	Donated in a hospital suitable for INOAR
783	449 (57%)

Hospital	No. of Research Organs Donated from here
London, St George's Hospital	28 (18 donors)
Cambridge, Addenbrooke's Hospital	27 (18 donors)
Cardiff, University Of Wales Hospital	27 (17 donors)
Southampton, Southampton General	21 (14 donors)
Nottingham, Nottingham University Hospitals QMC Campus	18 (15 donors)

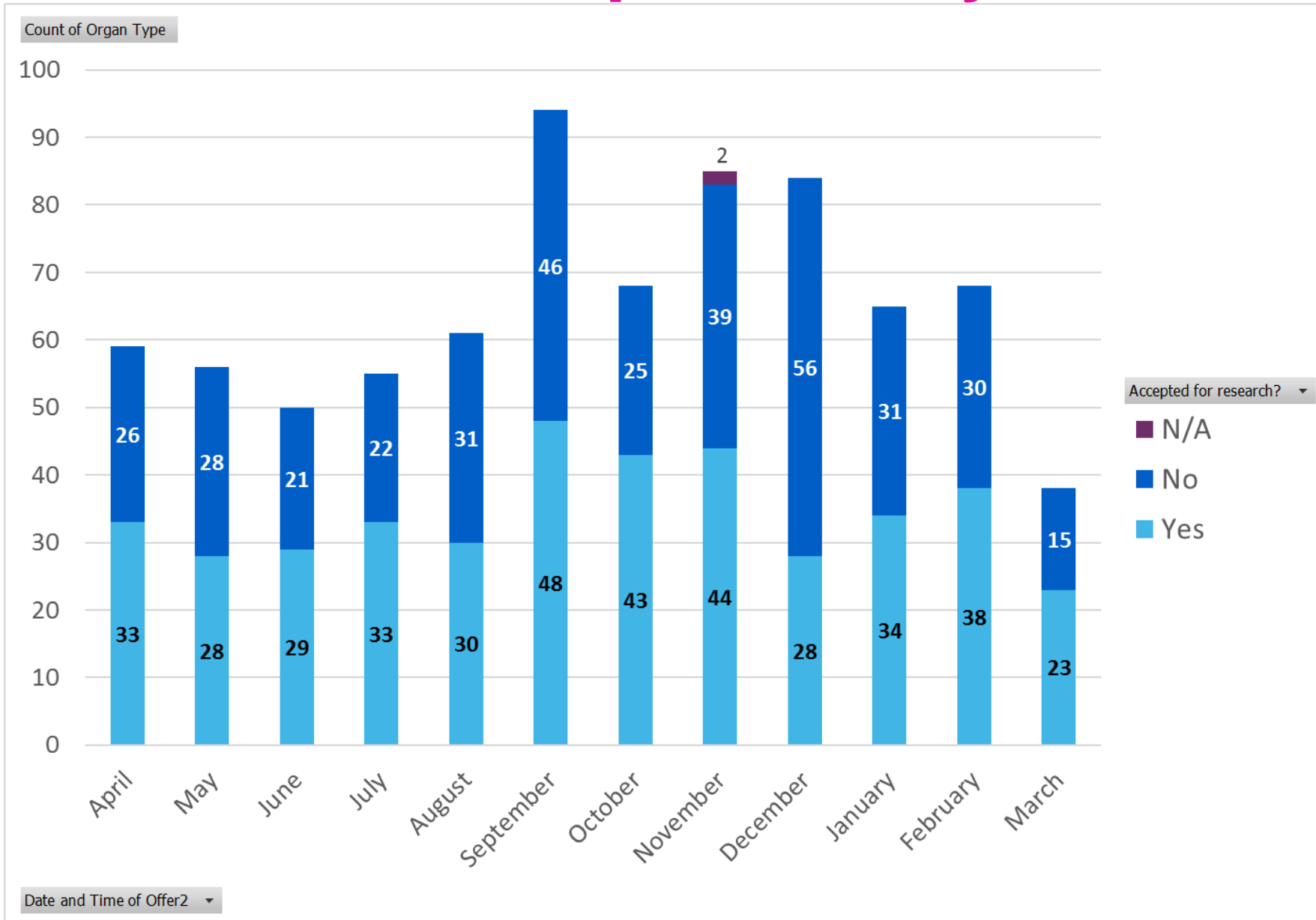
Donor Hospital - suitable for INOAR?

- No
- Yes
- Yes (but check donor age)

Approximate Ischaemic Time

Organ Type	Number Offered	Average Time between perfusion and research offer made
Heart	13	03:55
Kidney	377	05:27
Liver	229	06:19
Lungs	14	03:52
Pancreas	144	06:41

Offers and Acceptances by Month

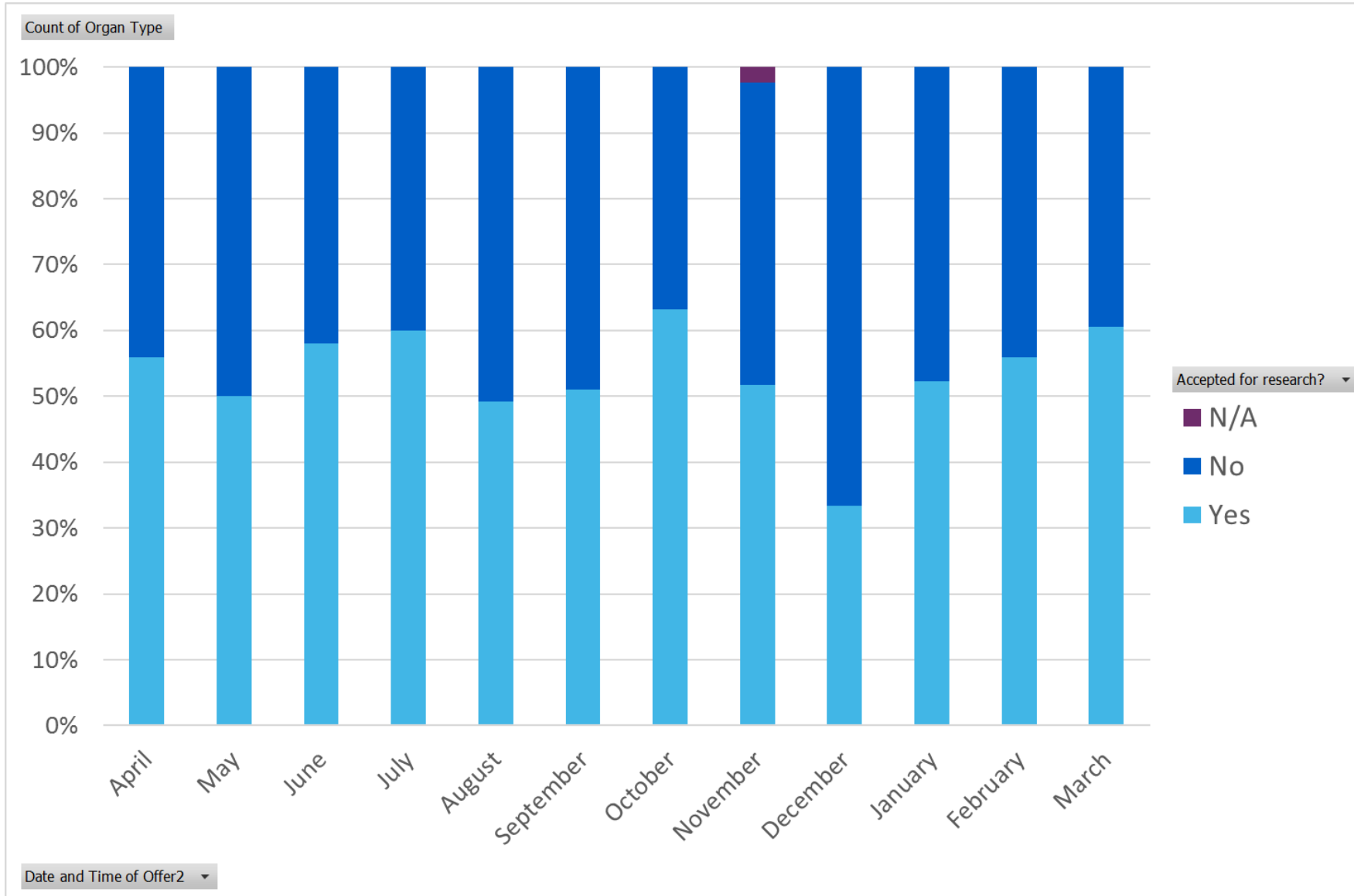


Donor selection criteria changed in March due to COVID-19, resulting in fewer research offers.

2 where Accepted was 'N/A':

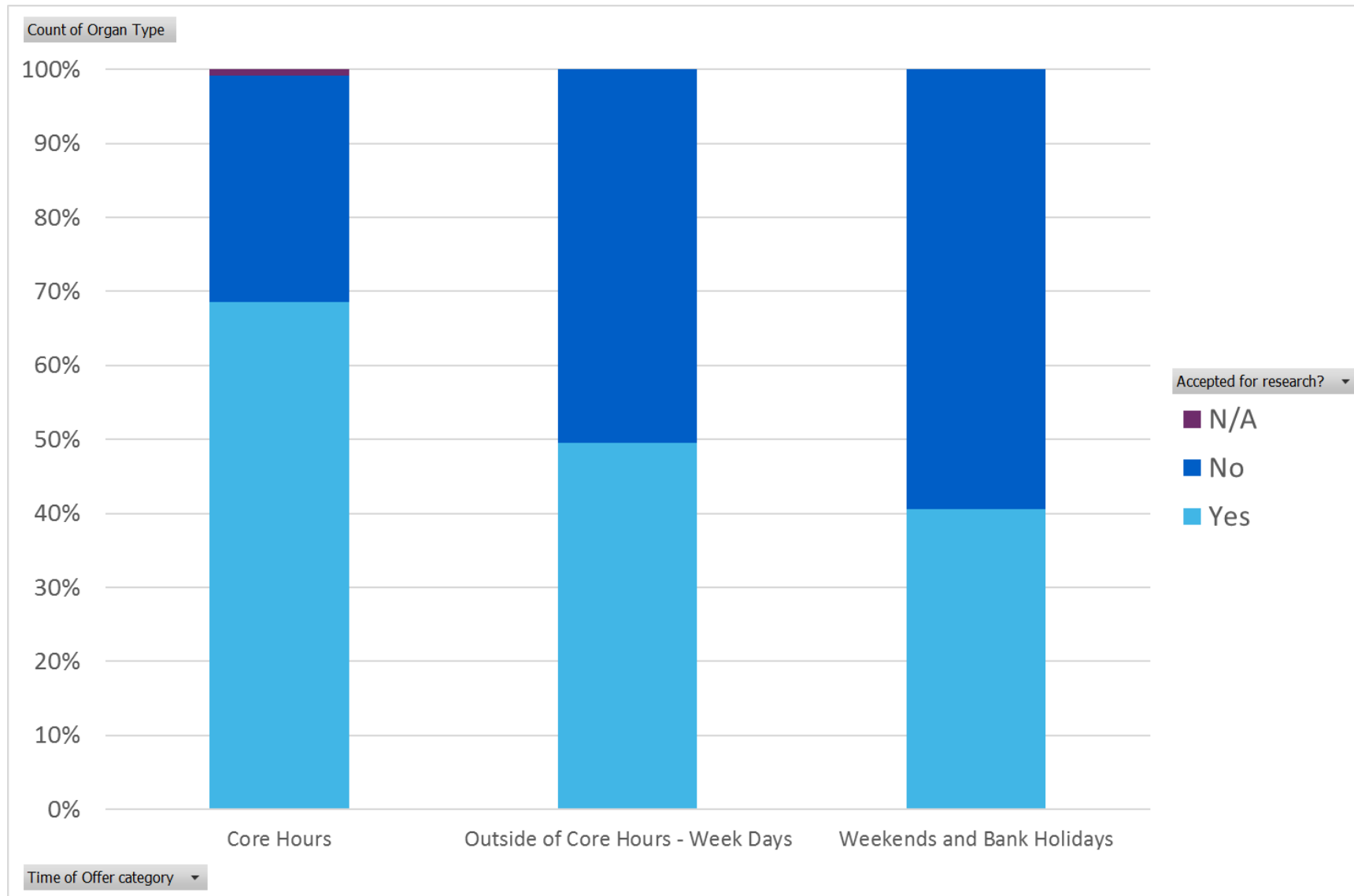
- 1 was kept by Leeds for Organox training
- 1 which was transplanted after the recipient centre changed their mind

Percentage Acceptance over the year



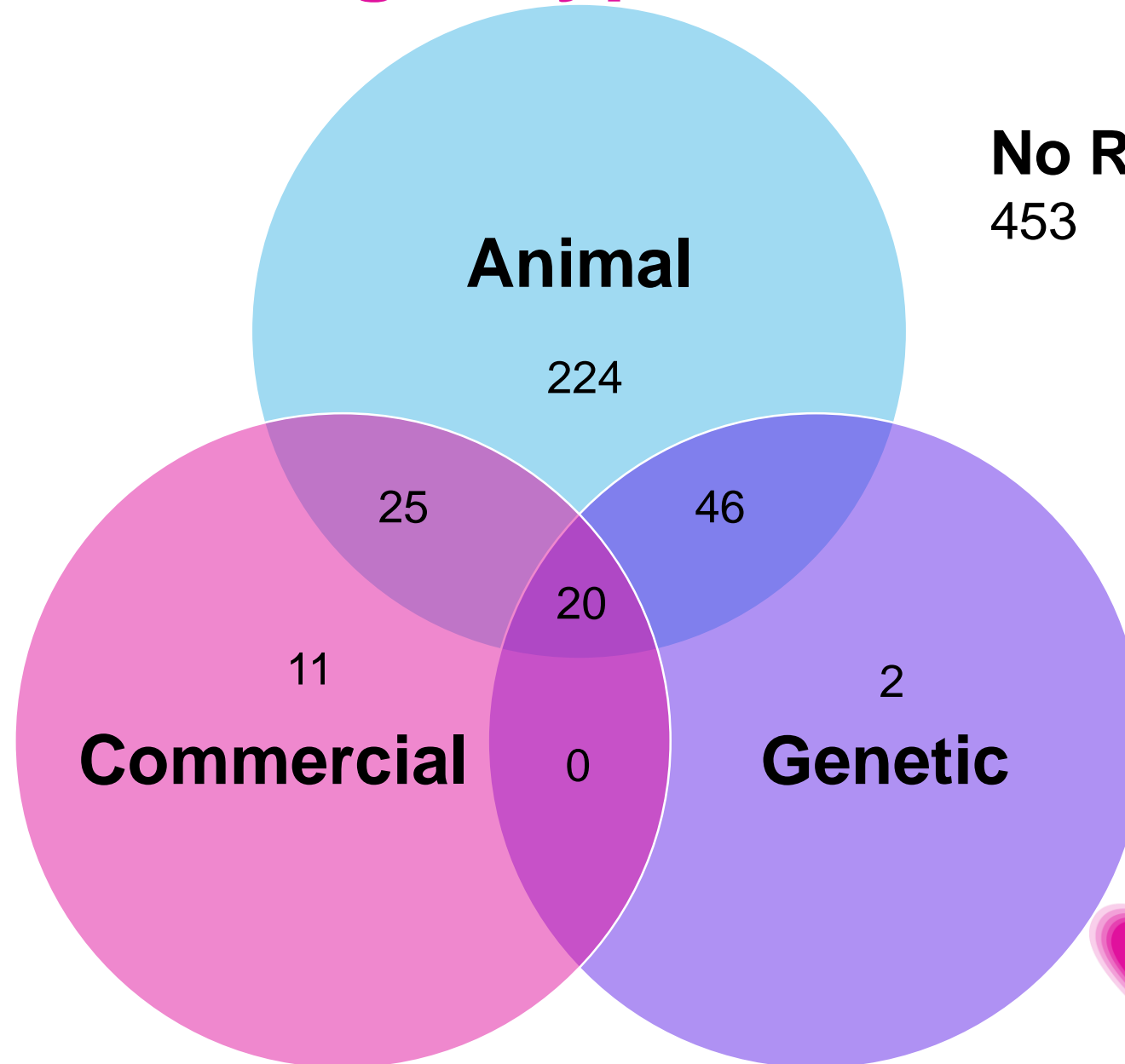
- University closures and public holidays in December contribute to the lowest acceptance rate (28%)

Acceptance by Time of Offer



Yes I donate
ORGAN DONATION

Restrictions – all organ types

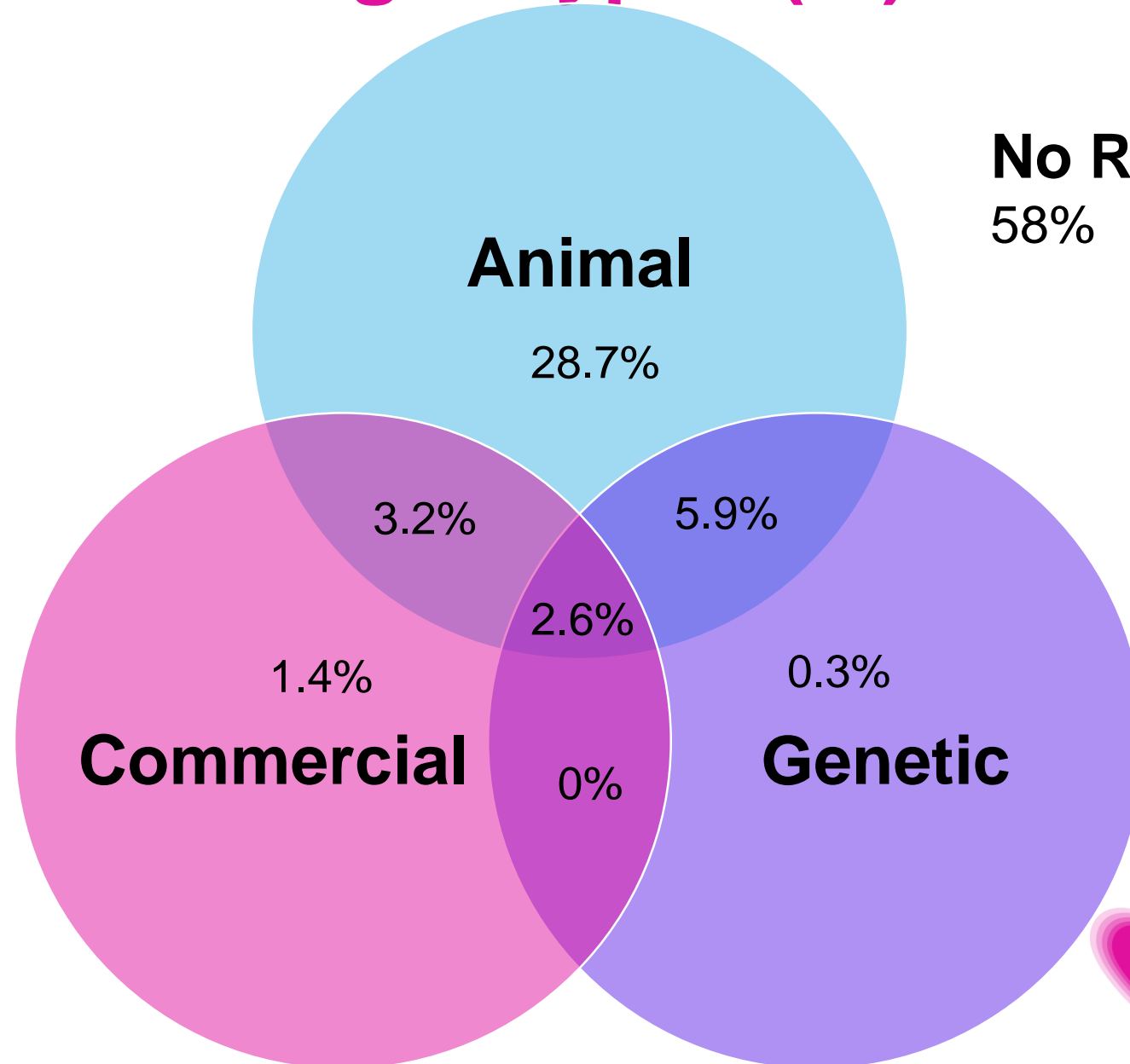


No Restrictions
453



Yes I donate
ORGAN DONATION

Restrictions – all organ types (%)



No Restrictions
58%

Animal

28.7%

3.2%

5.9%

1.4%

0.3%

Commercial

2.6%

0%

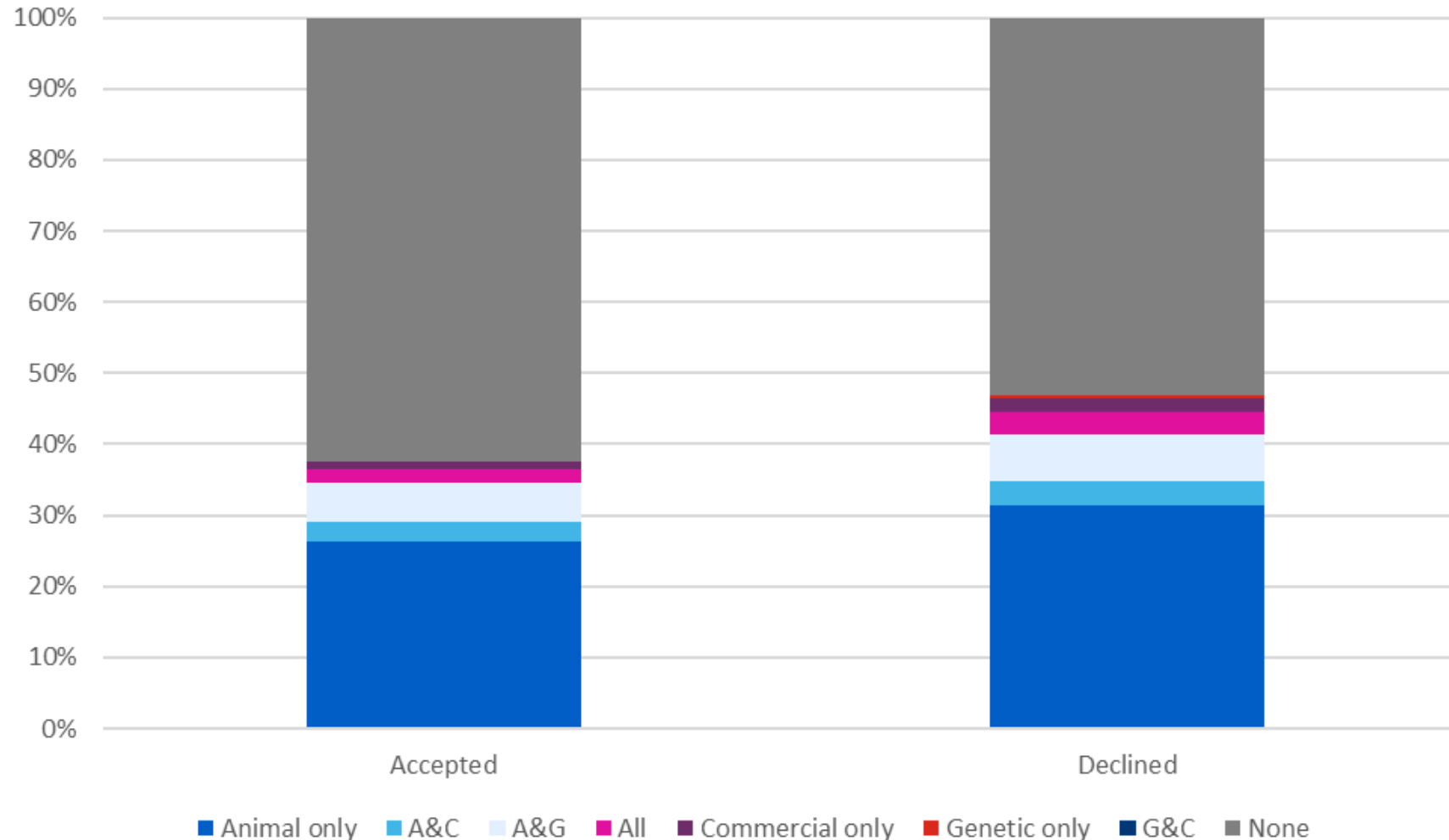
Genetic



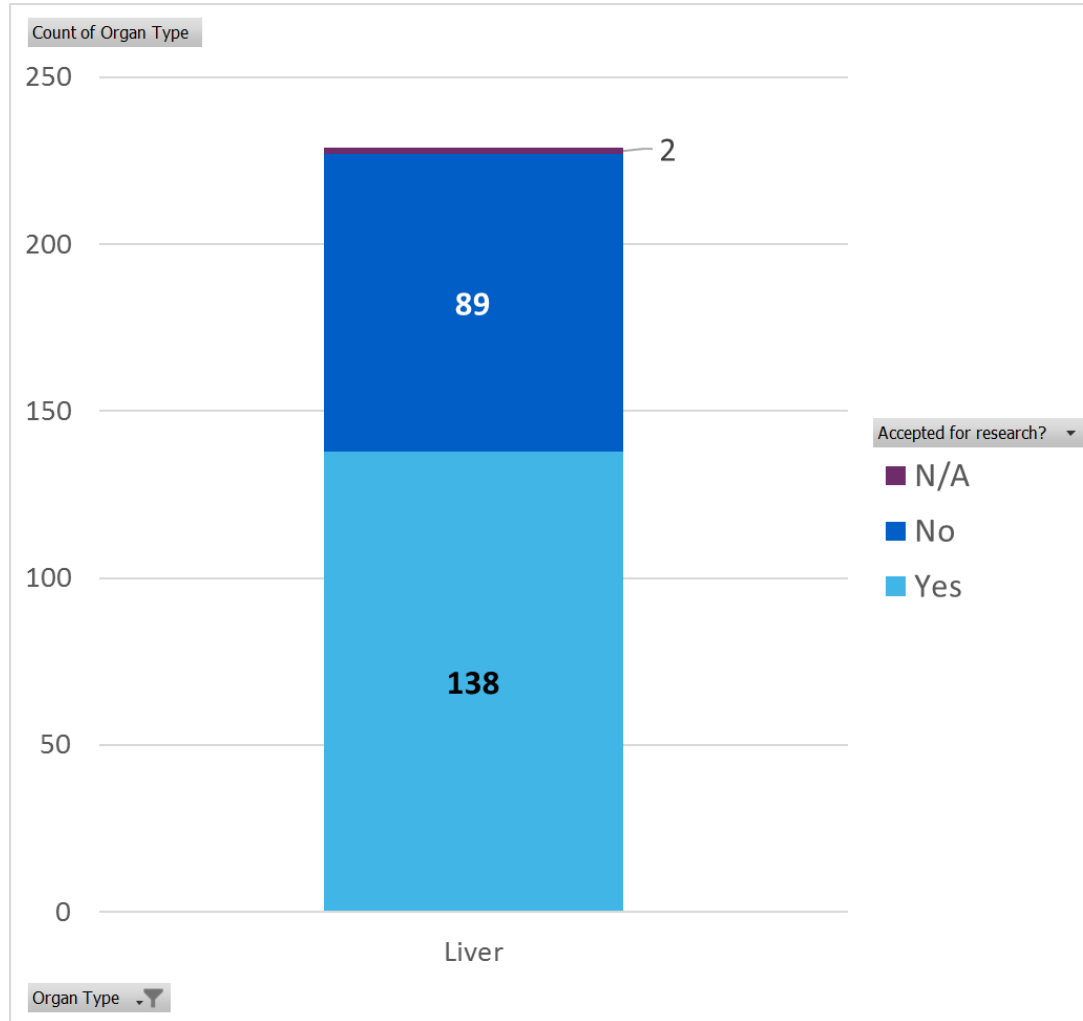
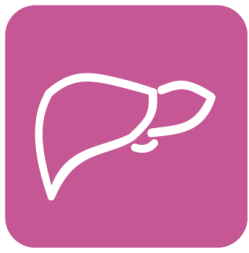
Yes I donate
ORGAN DONATION

Restrictions – all organ types

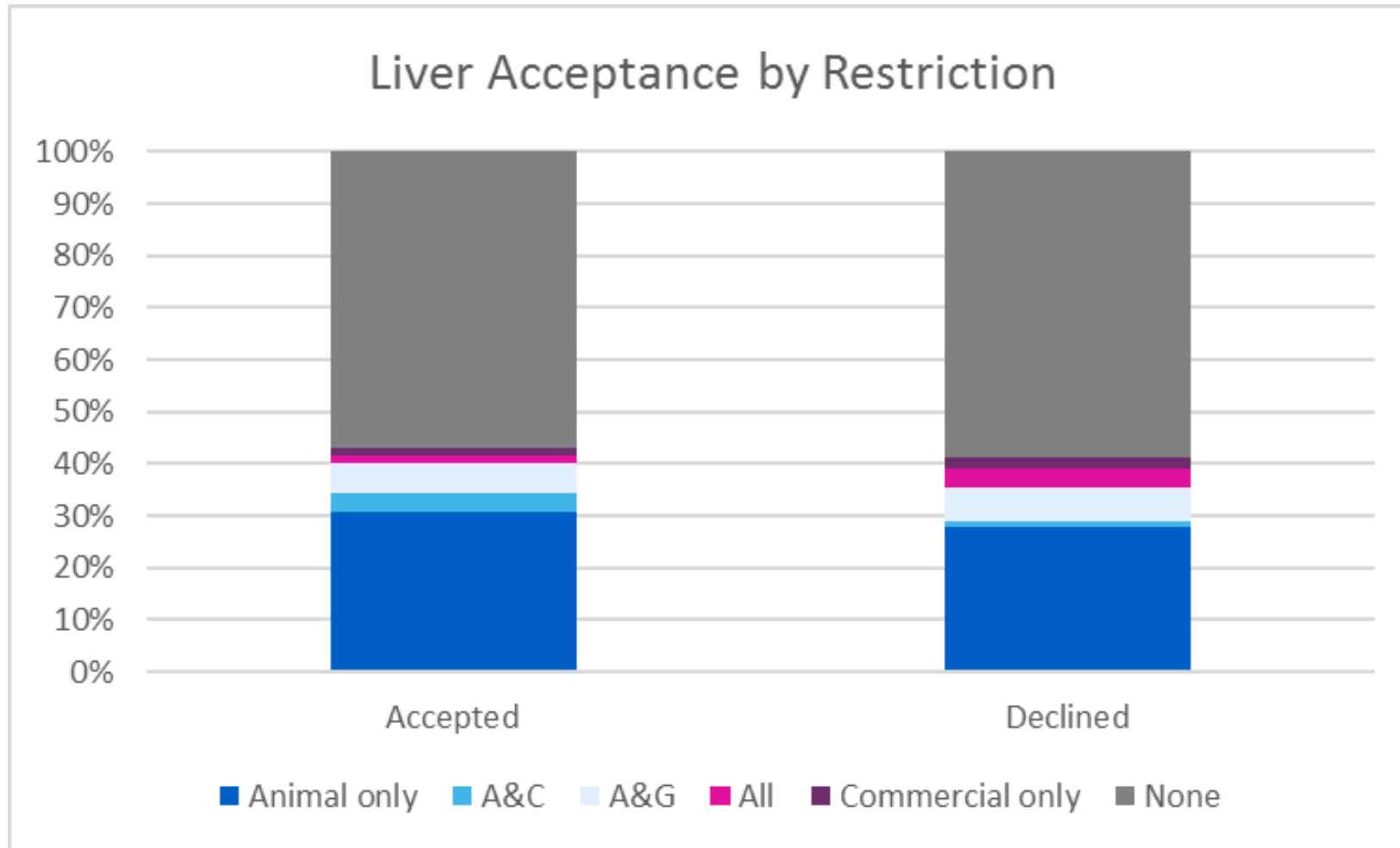
Acceptance based on Restrictions

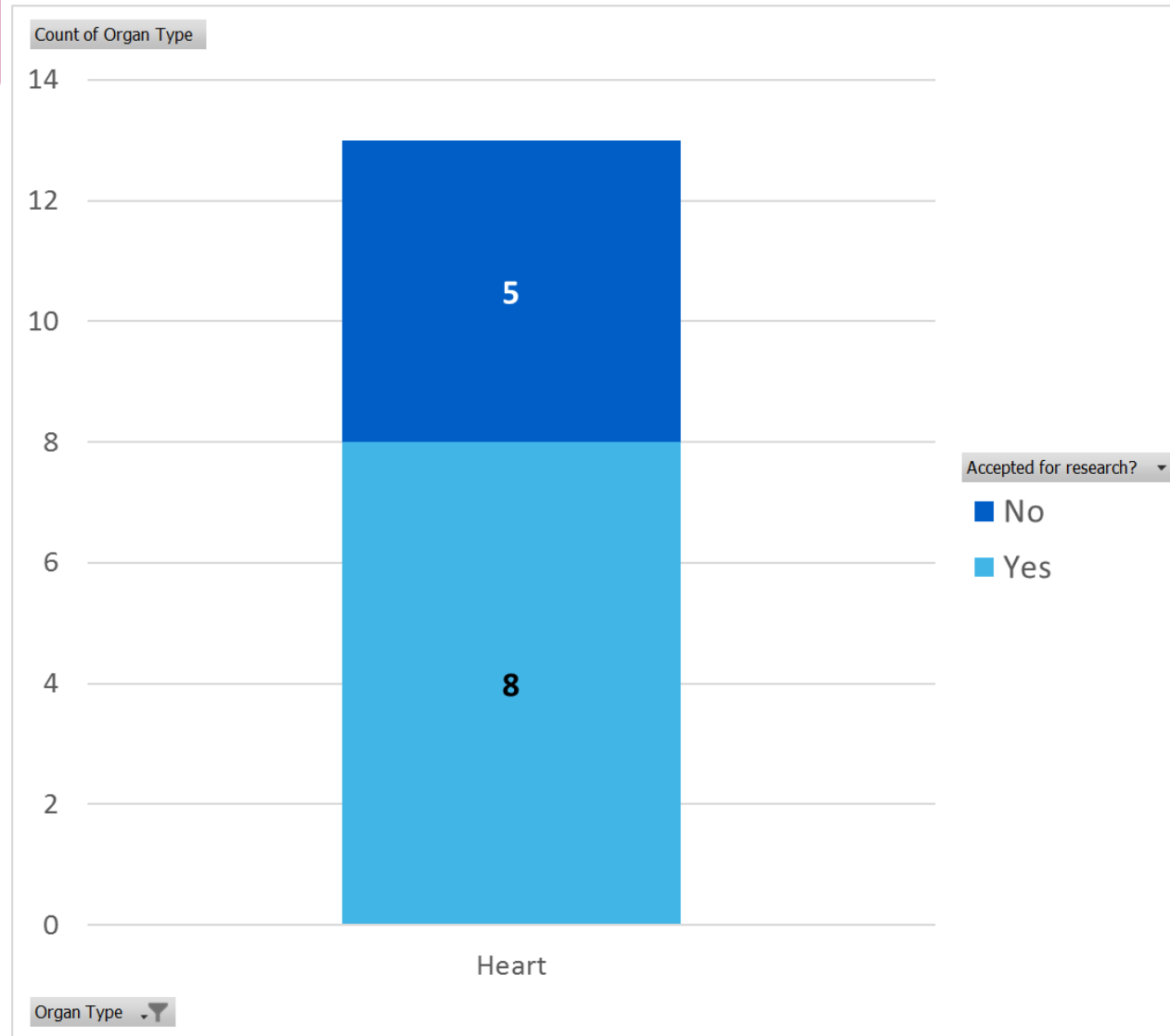
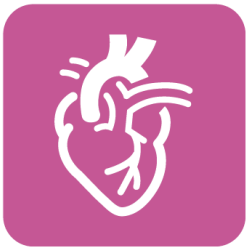


No significant effect of restrictions on acceptance overall

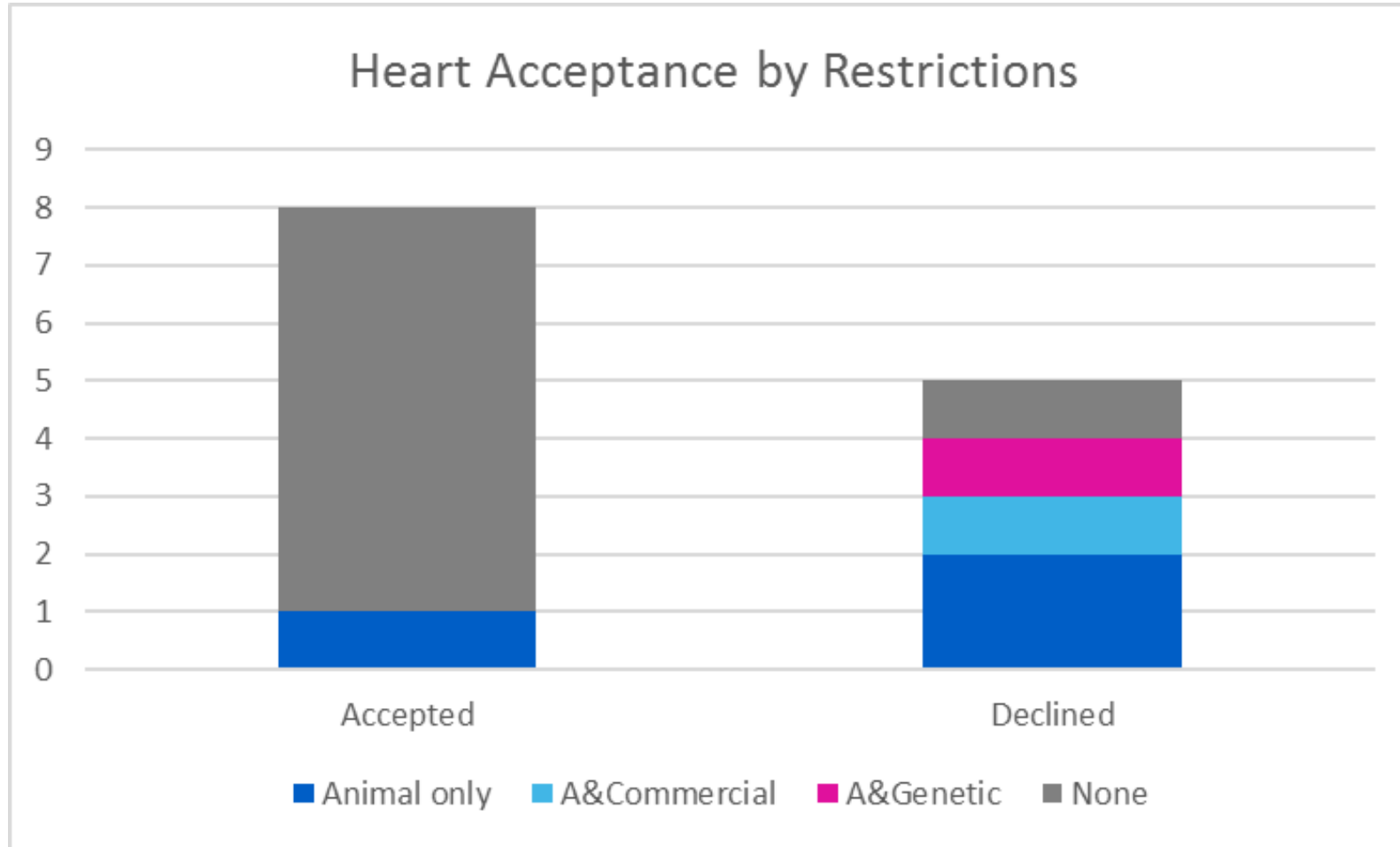


- 229 offered in total
- 221 of these were whole livers
- Acceptance rate of 60%
- 1 additional liver was kept for research with no offer sent out
- 2 where Accepted was 'N/A':
 - 1 was kept by Leeds for Organox training
 - 1 which was transplanted after the recipient centre changed their mind



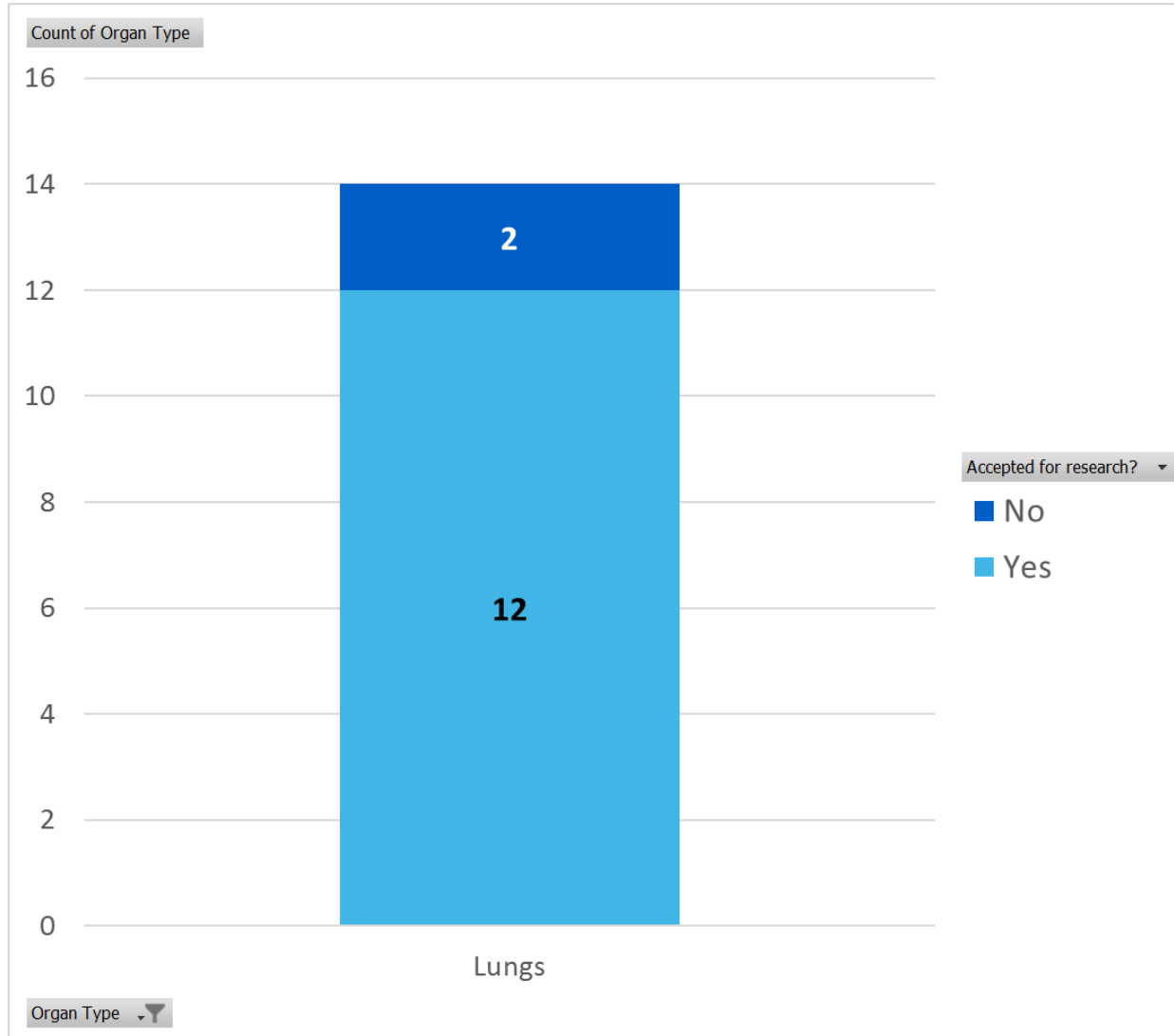


- 13 hearts offered compared to 1 in 2018/19
- Acceptance rate of 62%
- 2 of the declined hearts were subsequently used for valves or training purposes

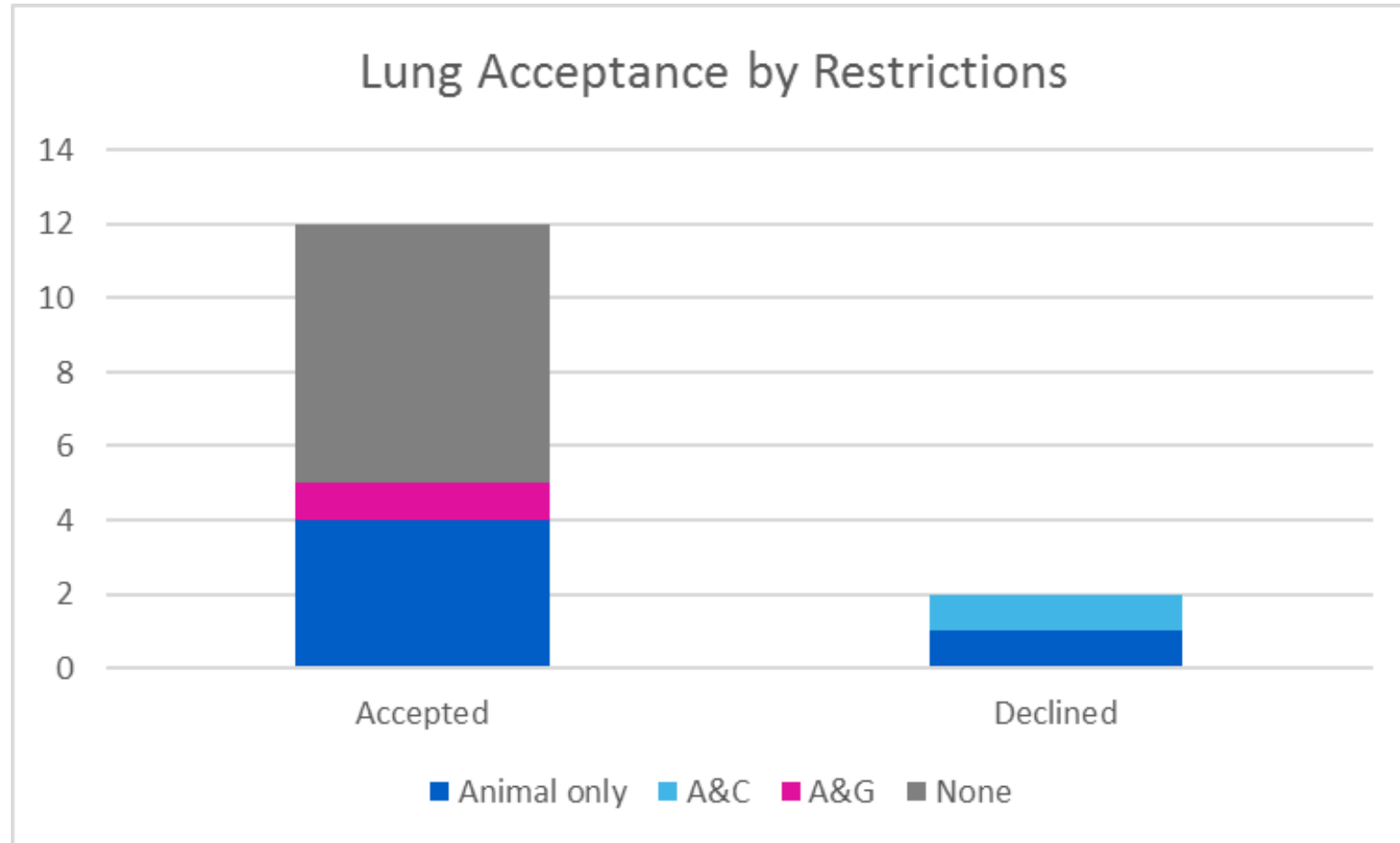


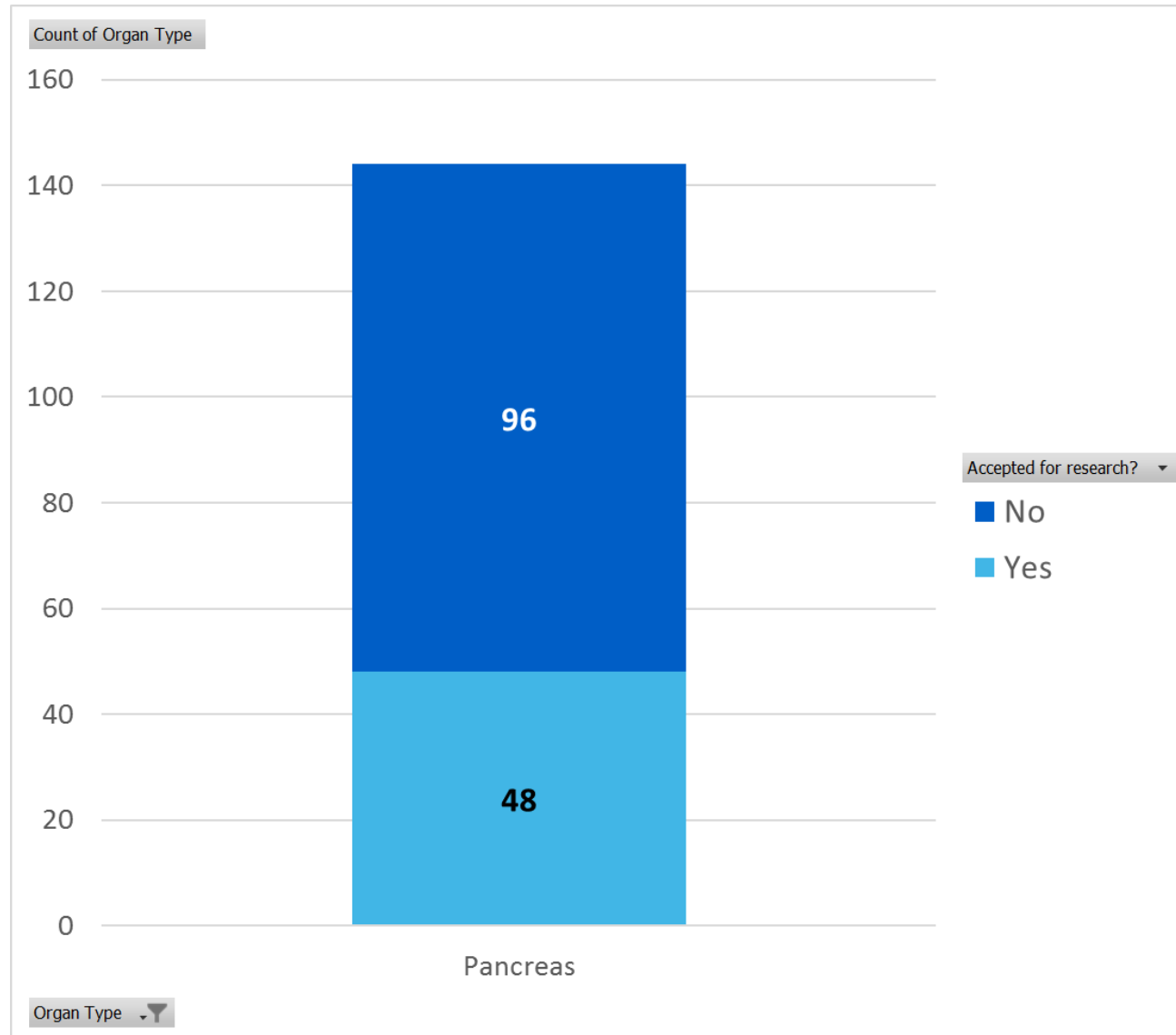
- One of the active heart studies can't accept hearts if they've already been on the OCS
- Majority of the hearts declined had a restriction for animal research





- 6 accepted by each active study (sharing agreement in place)

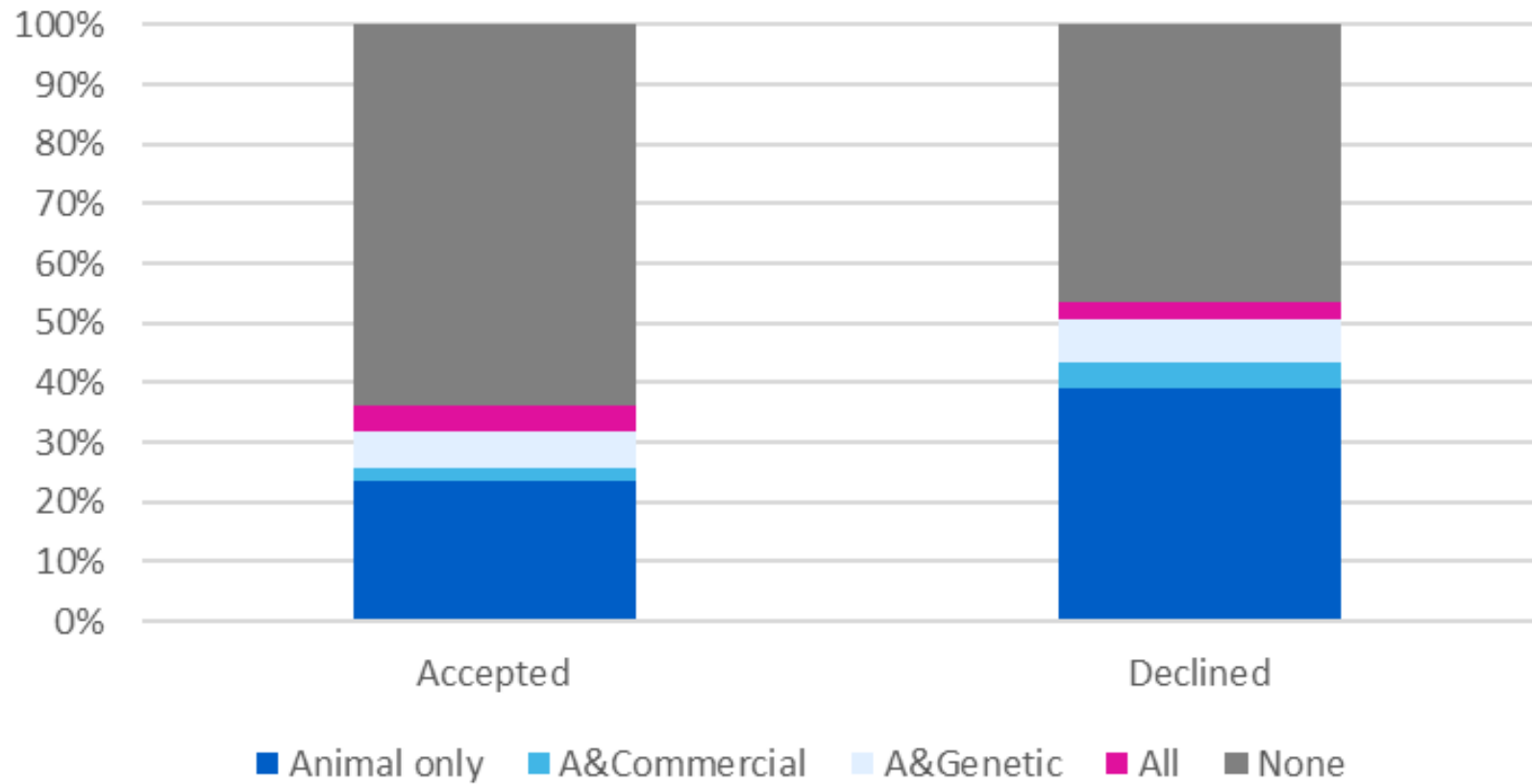


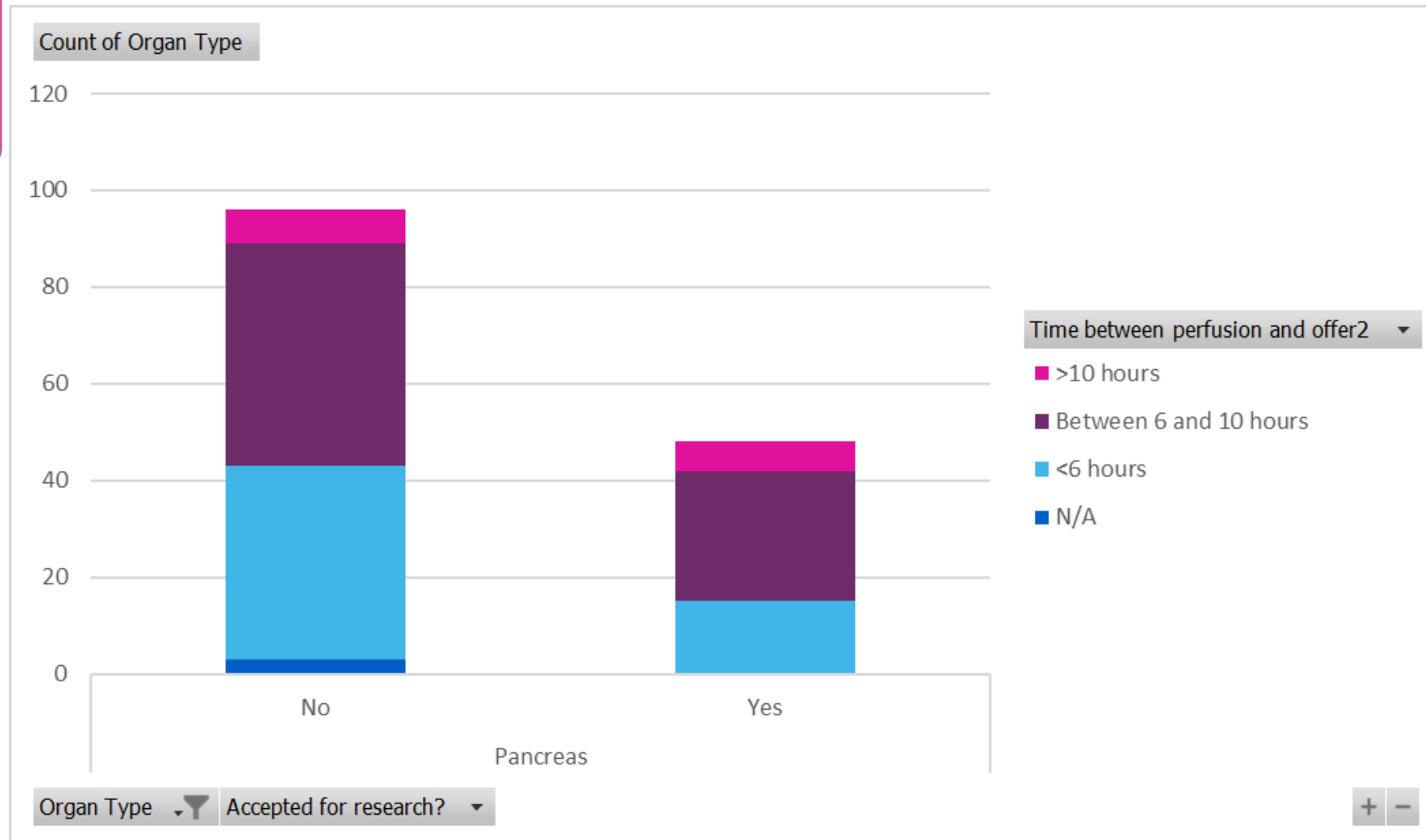


- Pancreases continue to be the organ with the worst acceptance rate (33%)



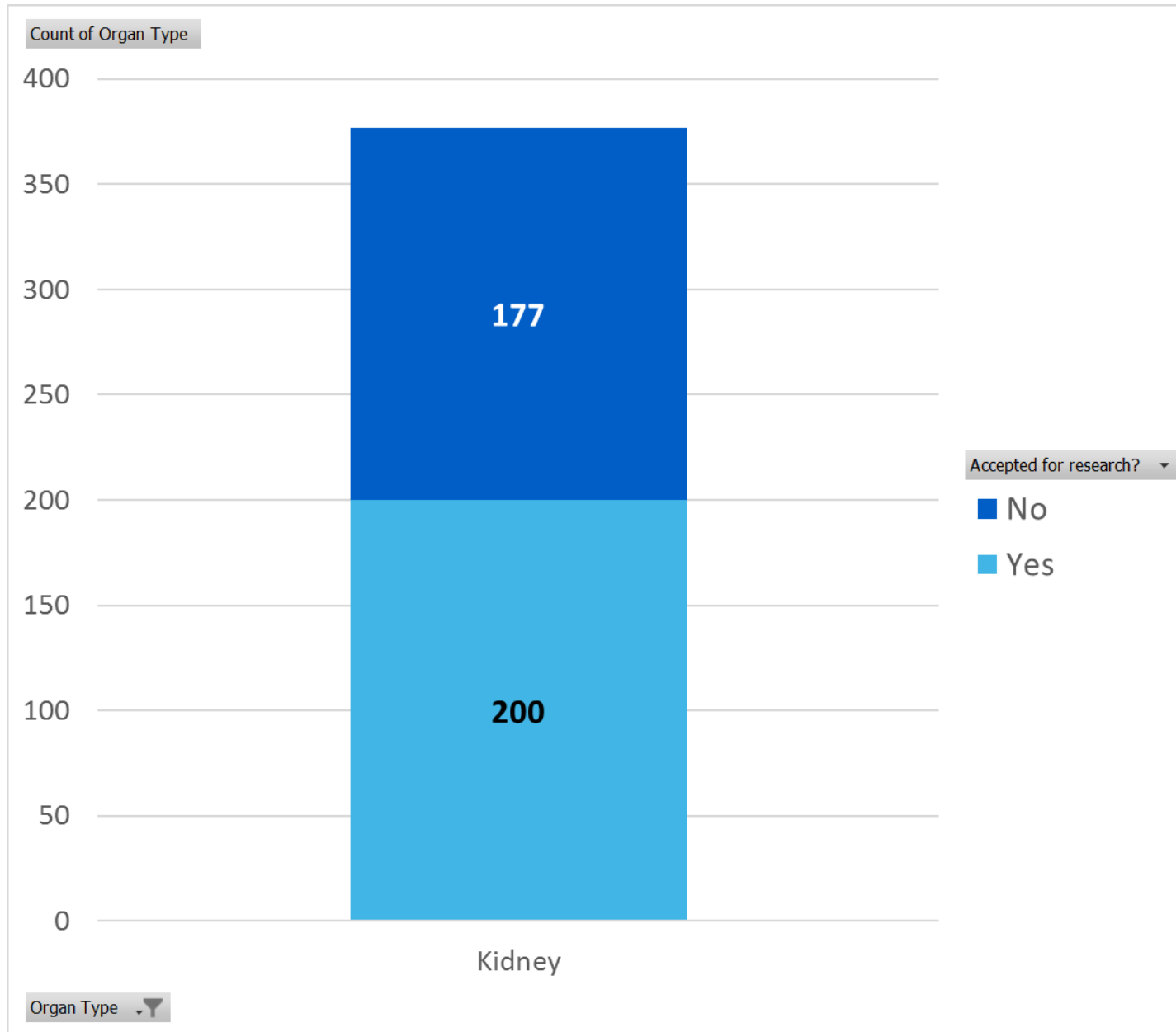
Pancreas Acceptance by Restrictions



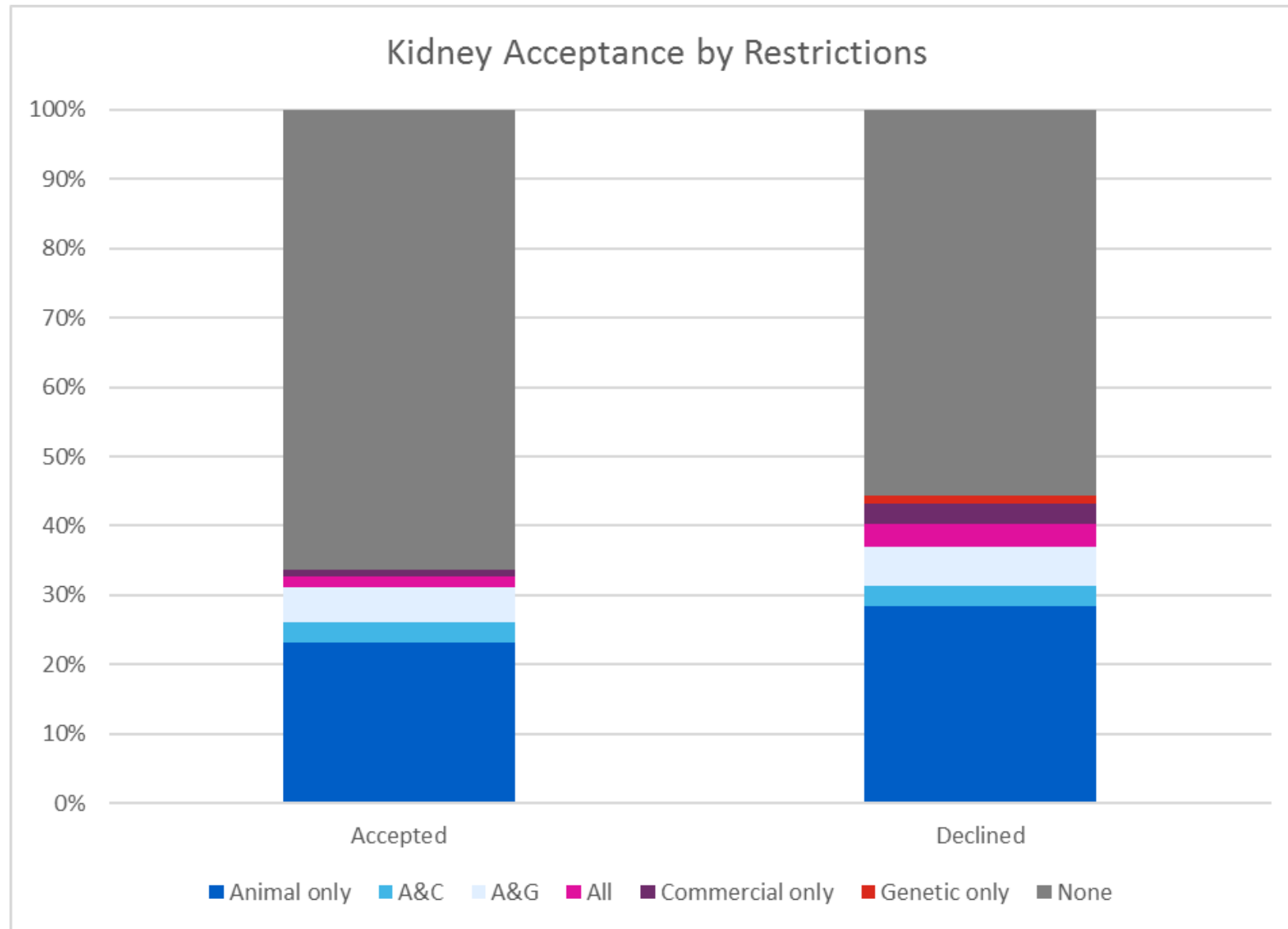


Ischaemic time is commonly reported as a reason for decline, but similar pictures between those accepted and those declined

This doesn't include the travel time to the research site



- Overall acceptance rate of 53%



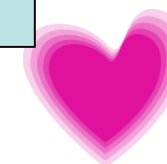
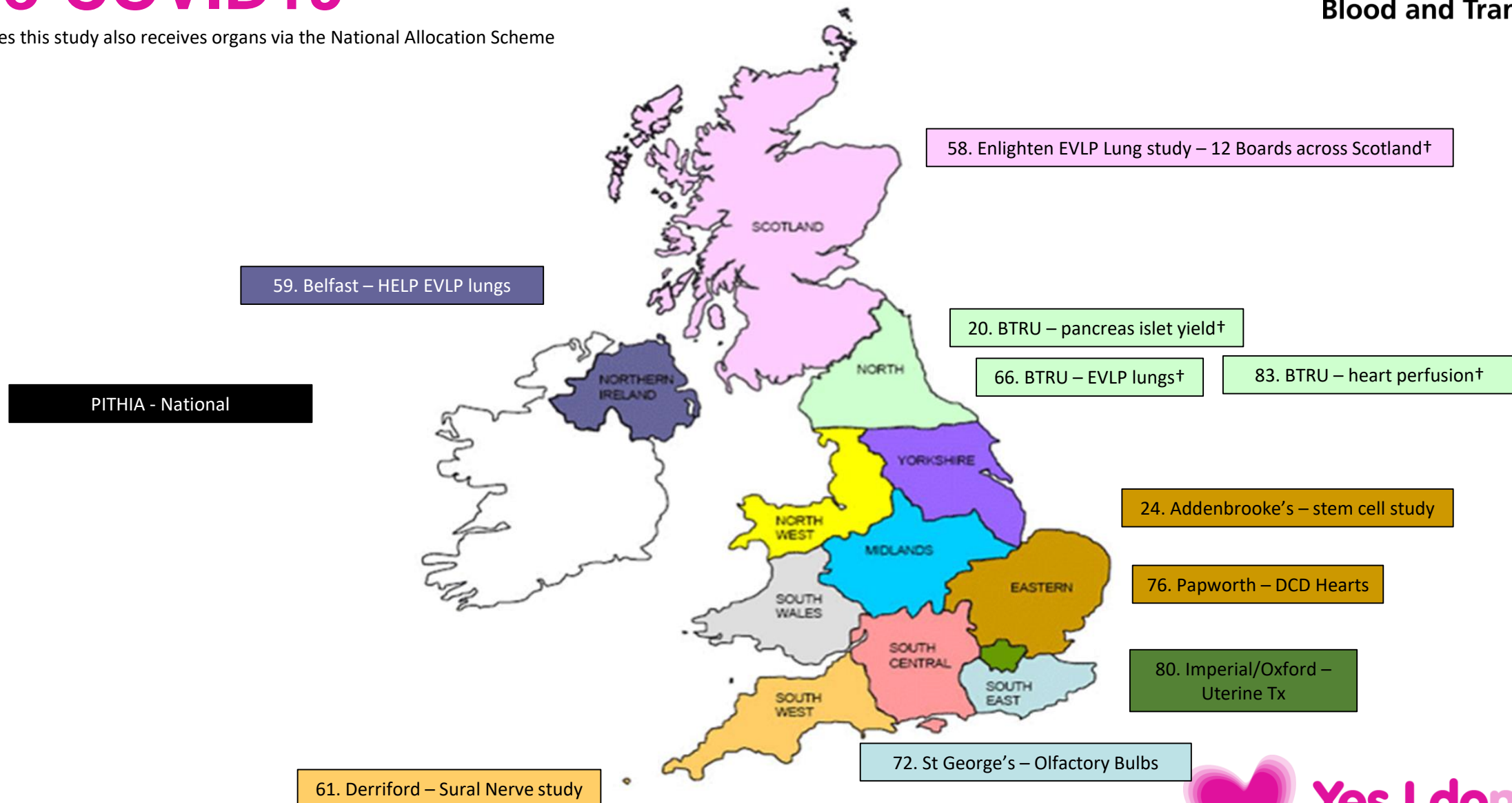
Other Studies



Yes I donate
ORGAN DONATION

Pre-COVID19

†indicates this study also receives organs via the National Allocation Scheme



Yes I donate
ORGAN DONATION