

RINTAG(19)32



QUOD Statistics

September 2019



QUOD Bioresource Key Figures

Date 1 September 2019

Donors 4,342

Samples 77,533 in total, including:

Blood 40,905 samples

Urine 9,507 samples

Kidney 10,925 samples (5,515 biopsies)

Liver 5,750 samples (2,889 biopsies)

Ureter 6,316 samples (3,183 biopsies)

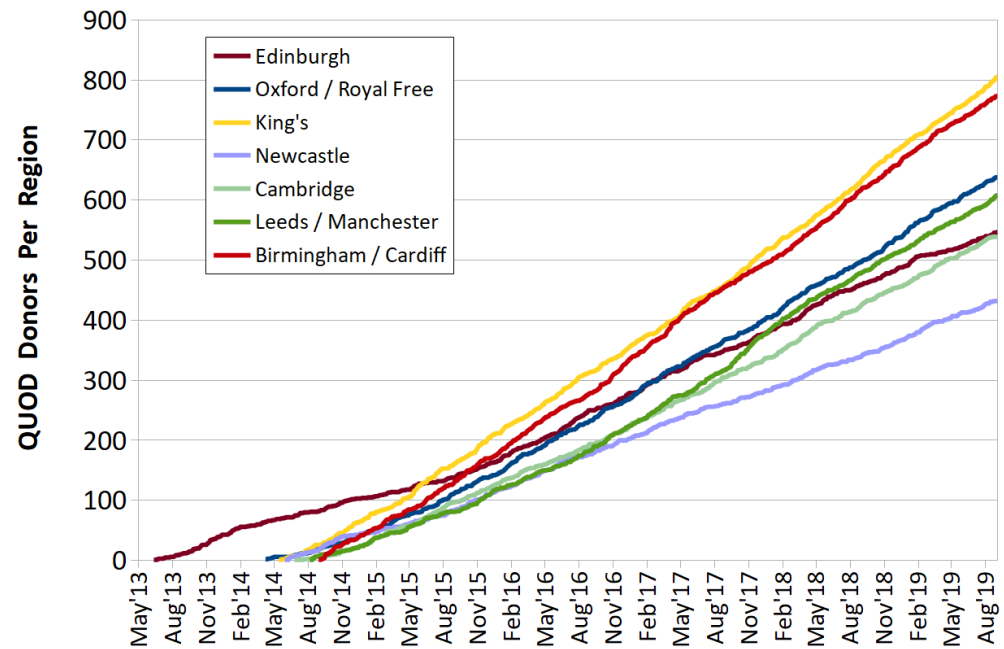
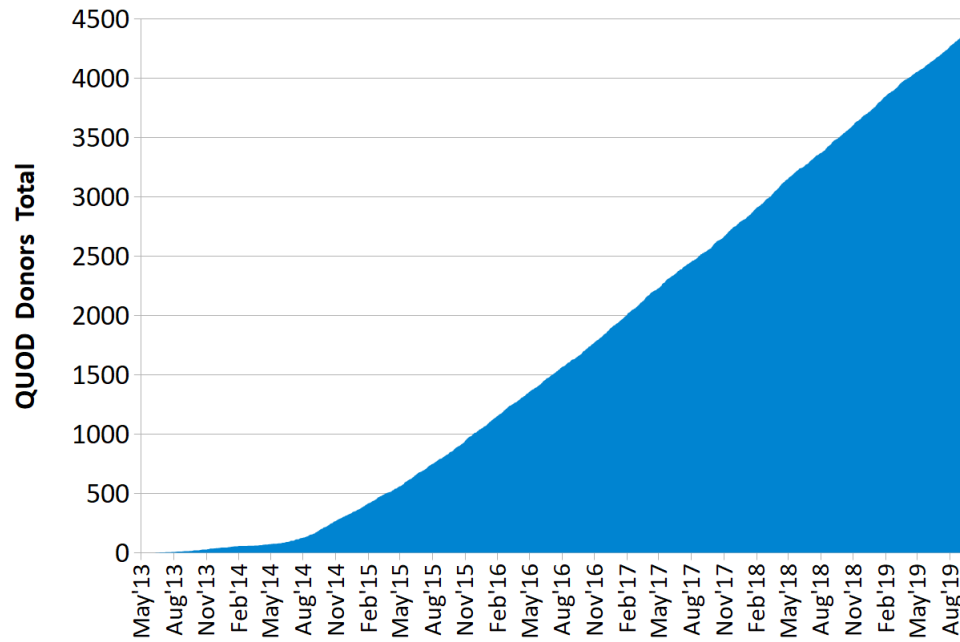
Spleen 3,217 samples (3,217 biopsies)

BAL 69 samples

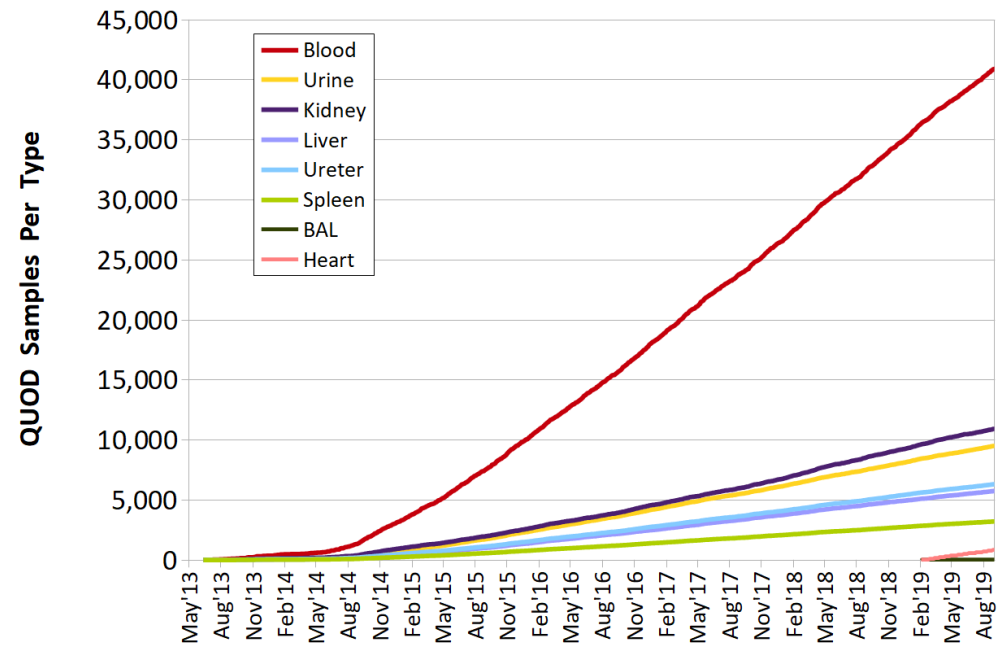
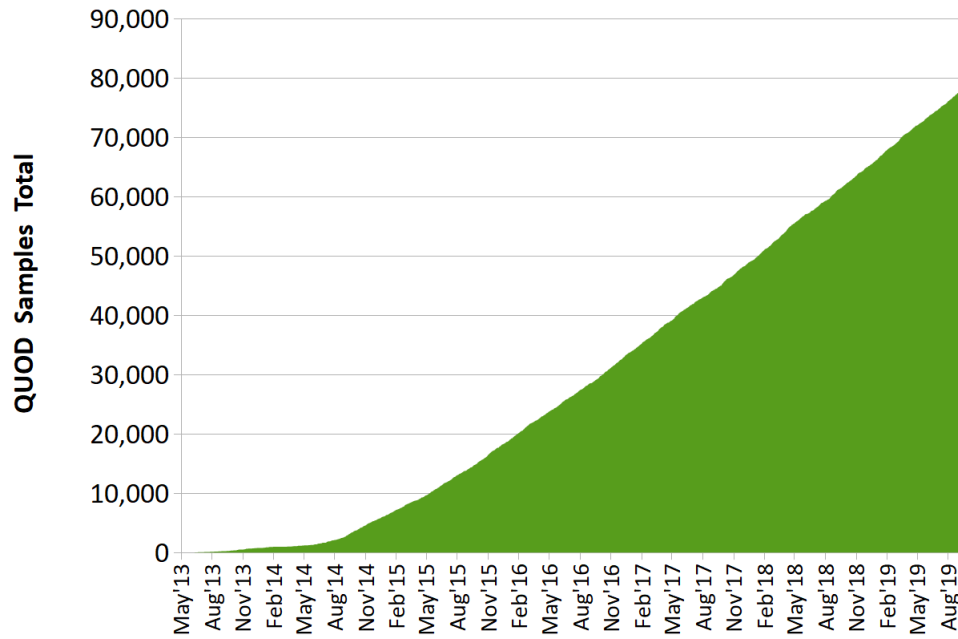
Heart 844 samples (423 biopsies)

Units 467,543 biobank items

QUOD Donors In Total and Per Region



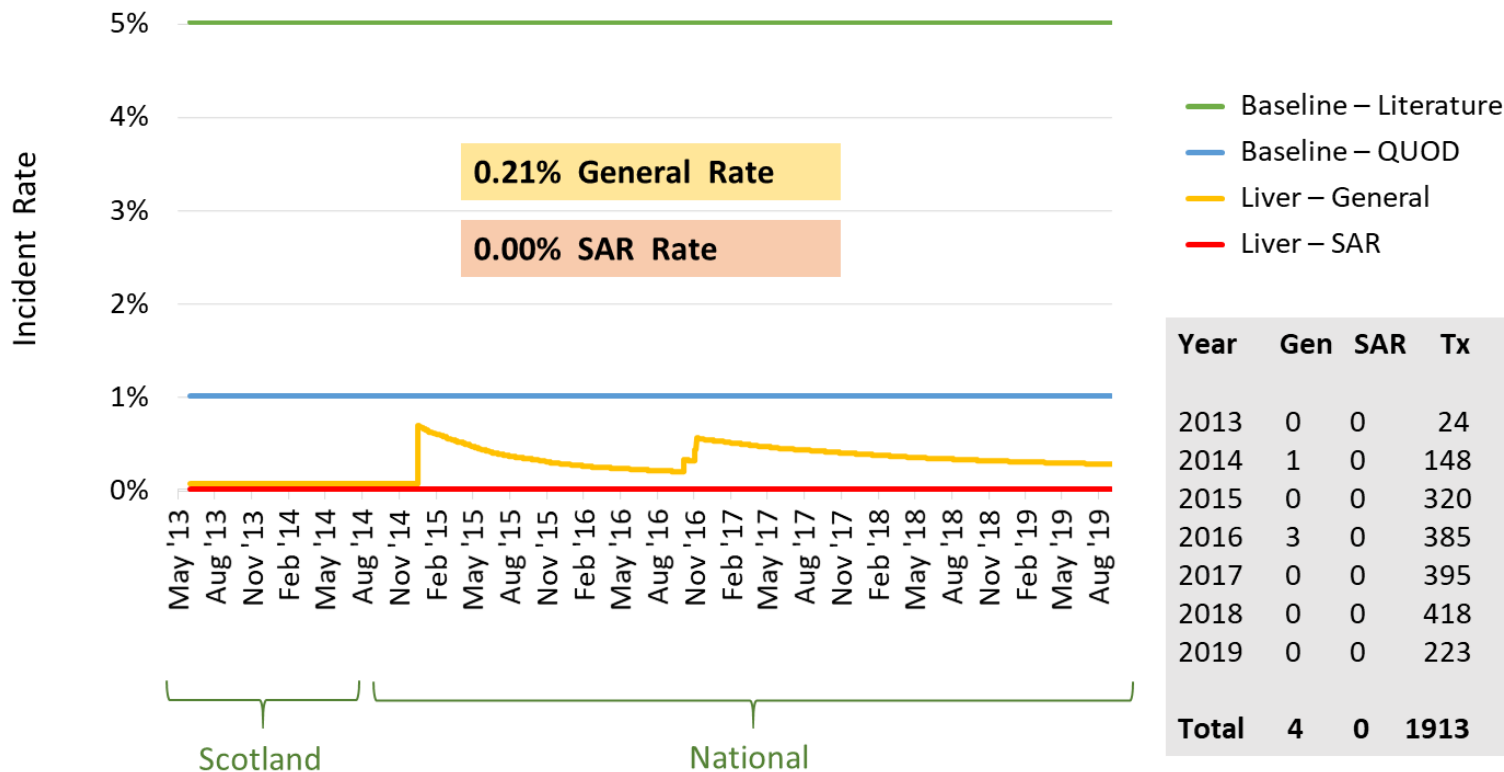
QUOD Samples In Total and Per Type



QUOD Biopsy and Incident Metrics



Donor liver biopsies of transplanted livers



| Year | Gen | SAR | Tx |
|--------------|----------|----------|-------------|
| 2013 | 0 | 0 | 24 |
| 2014 | 1 | 0 | 148 |
| 2015 | 0 | 0 | 320 |
| 2016 | 3 | 0 | 385 |
| 2017 | 0 | 0 | 395 |
| 2018 | 0 | 0 | 418 |
| 2019 | 0 | 0 | 223 |
| Total | 4 | 0 | 1913 |

General Incidents:

Clinical incidents – no significant recipient consequences or thought not to be attributable to a QUOD biopsy

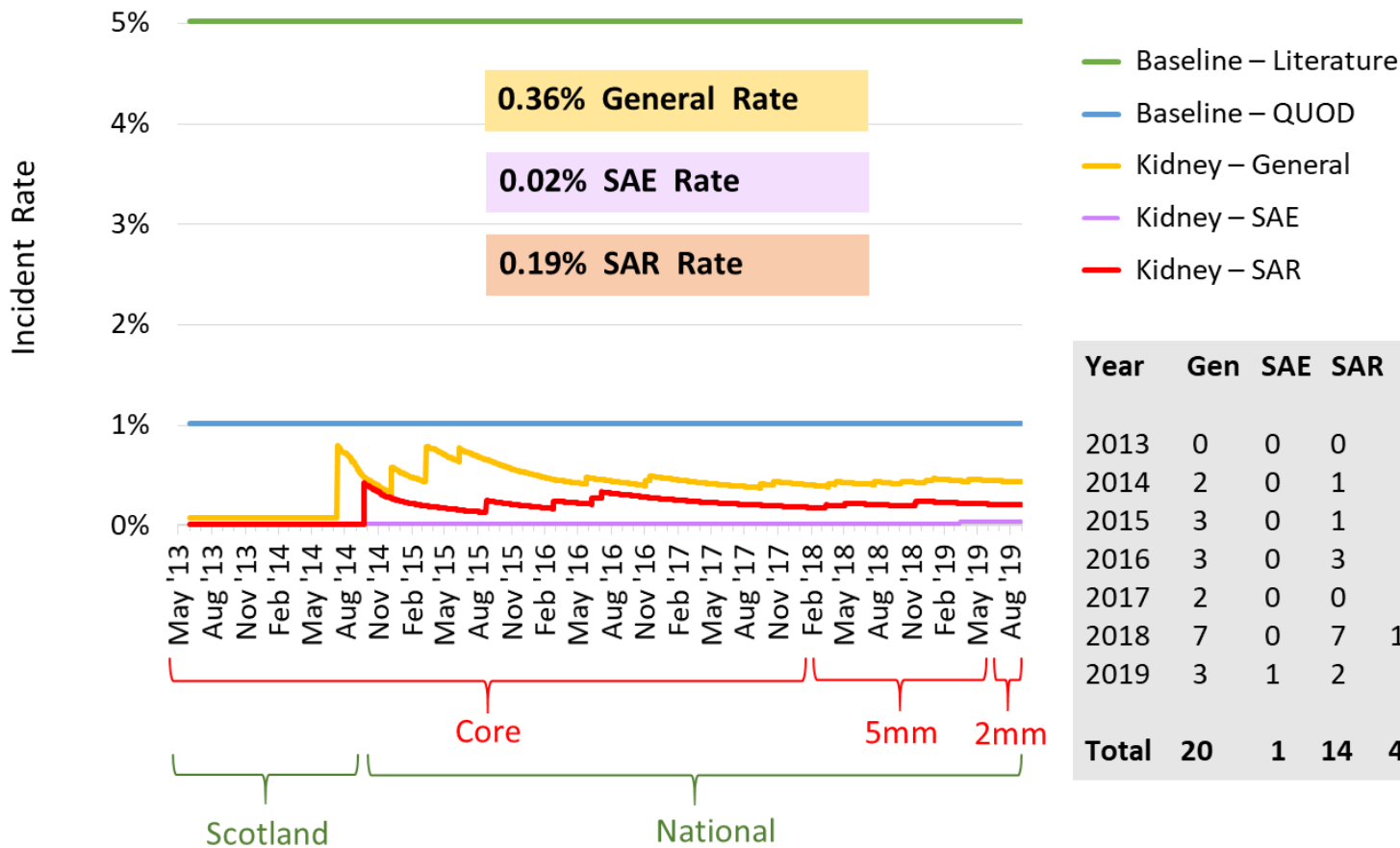
Serious Adverse Reactions:

Clinical incidents with recipient consequences – considered as most likely due to a QUOD biopsy

QUOD Biopsy and Incident Metrics



Donor kidney biopsies of transplanted kidneys



2018 Kidney Incidents

General:

1 x Core Biopsy
6 x 5mm Punch Biopsy

SAR:

2 x Core Biopsy
5 x 5mm Punch Biopsy

| Year | Gen | SAE | SAR | Tx |
|--------------|-----------|----------|-----------|-------------|
| 2013 | 0 | 0 | 0 | 67 |
| 2014 | 2 | 0 | 1 | 374 |
| 2015 | 3 | 0 | 1 | 719 |
| 2016 | 3 | 0 | 3 | 870 |
| 2017 | 2 | 0 | 0 | 925 |
| 2018 | 7 | 0 | 7 | 1124 |
| 2019 | 3 | 1 | 2 | 683 |
| Total | 20 | 1 | 14 | 4762 |

2019 Kidney Incidents

General:

2 x 5mm Punch Biopsy
1 x 2mm Punch Biopsy

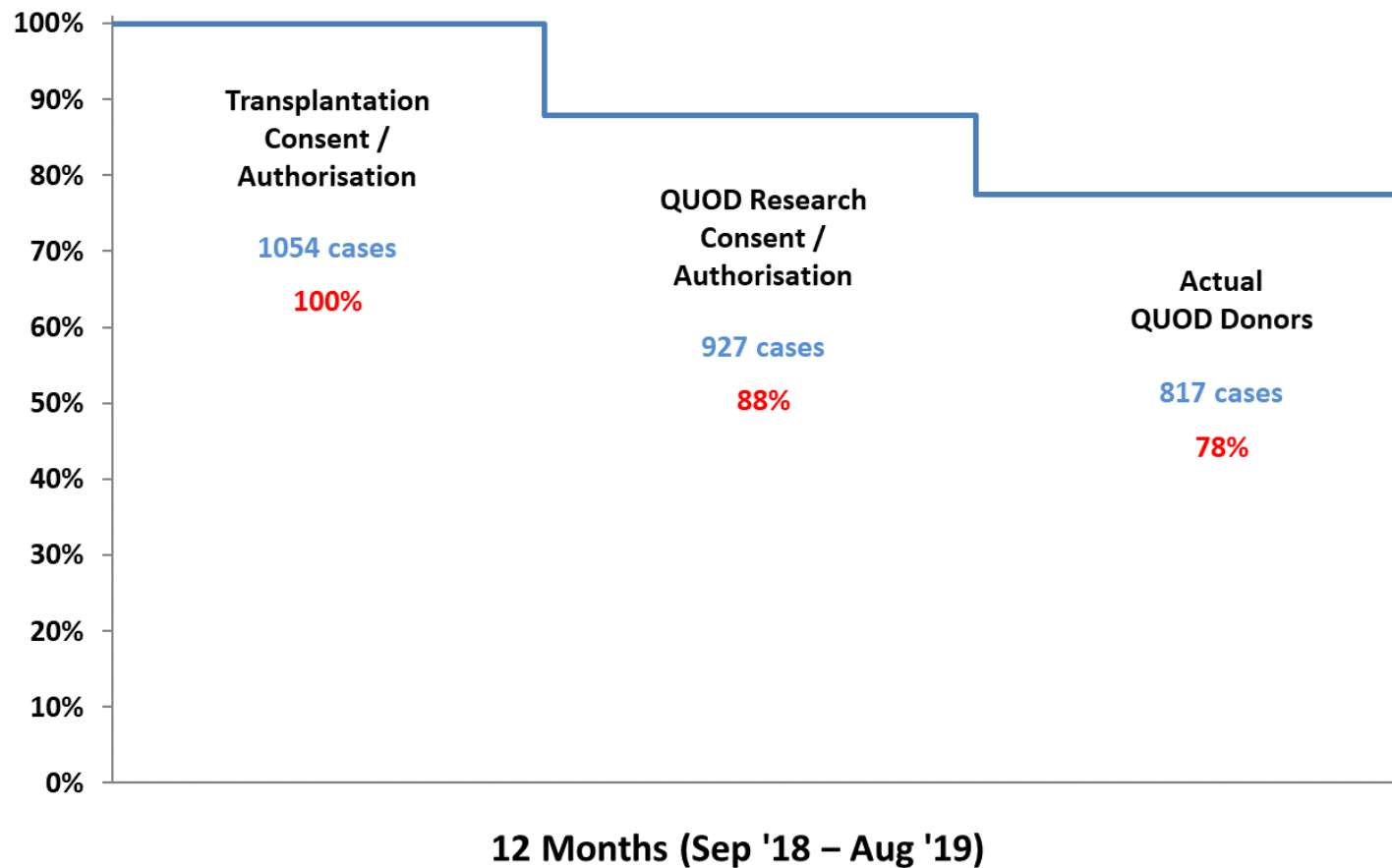
SAE:

1 x 5mm Punch Biopsy

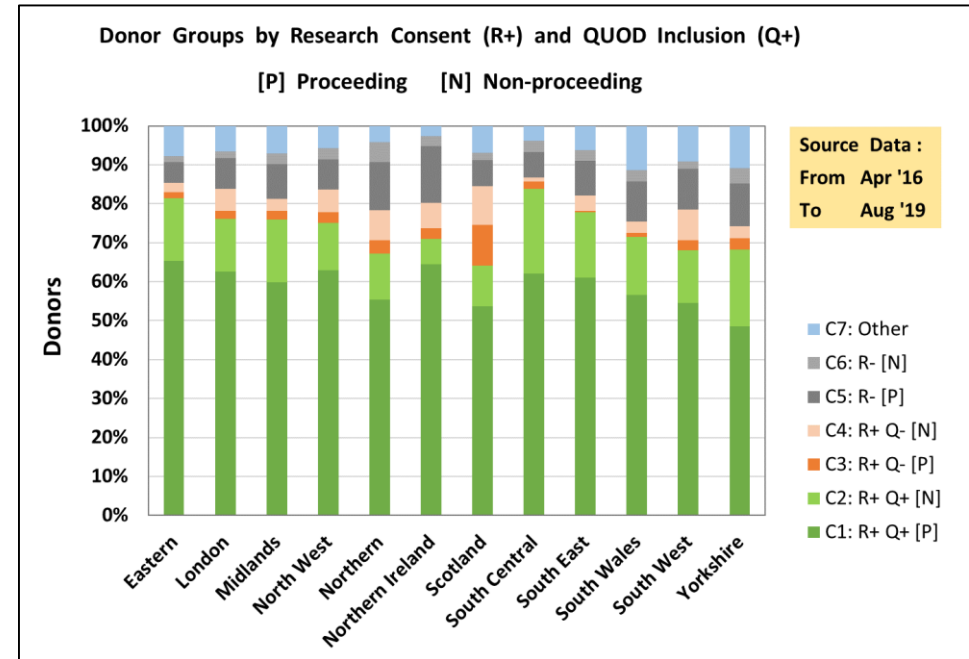
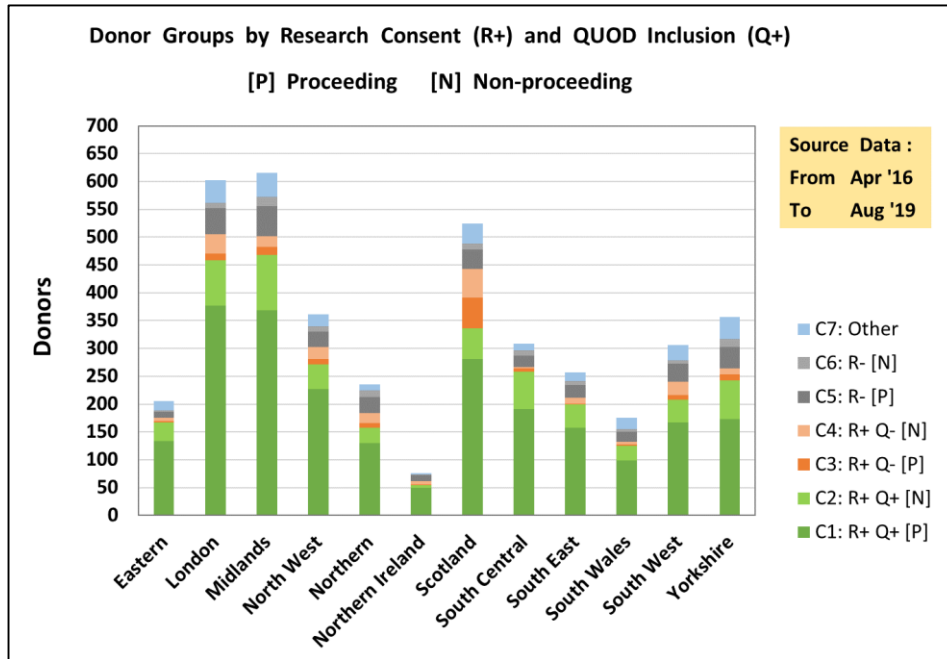
SAR:

2 x 5mm Punch Biopsy

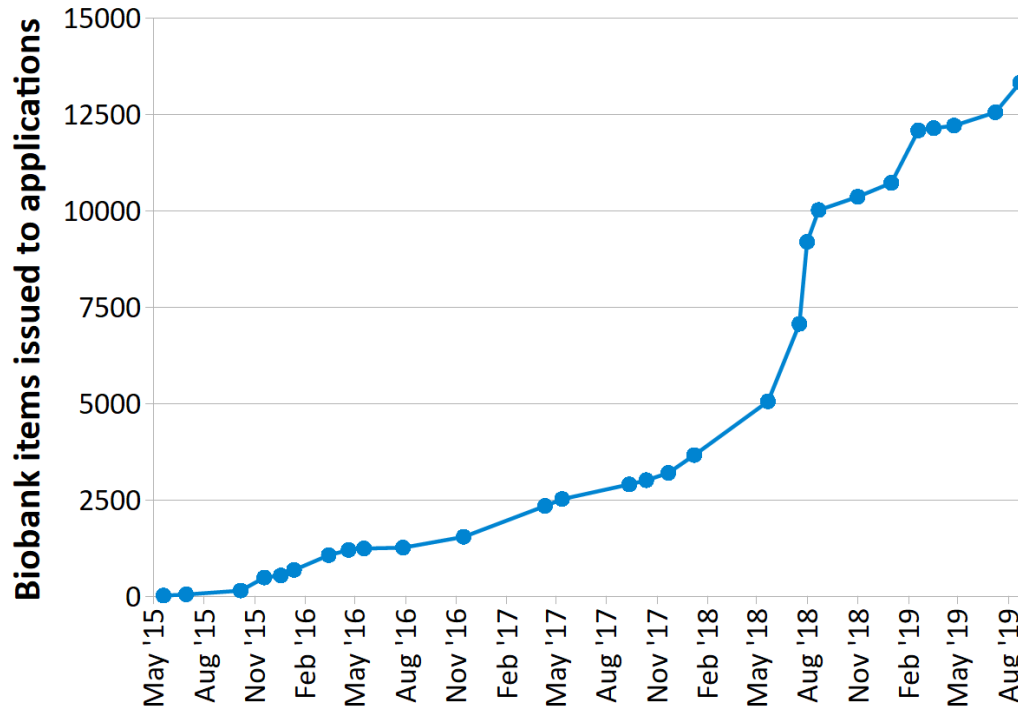
Consent for QUOD Research and Actual QUOD Donors — Step Chart



Consent for QUOD Research and Actual QUOD Donors — Per SNOD Team



QUOD Samples Issued to Applications



- Biobank items issued to applications: 13,330
- Total number of research project applications: 55
- New applications (currently at preliminary stage): 14, including 2 being reviewed
- Applications approved by the Steering Committee: 41
- Among the approved applications, 16 were completed by QUOD and 25 are in progress