



Delving into the data

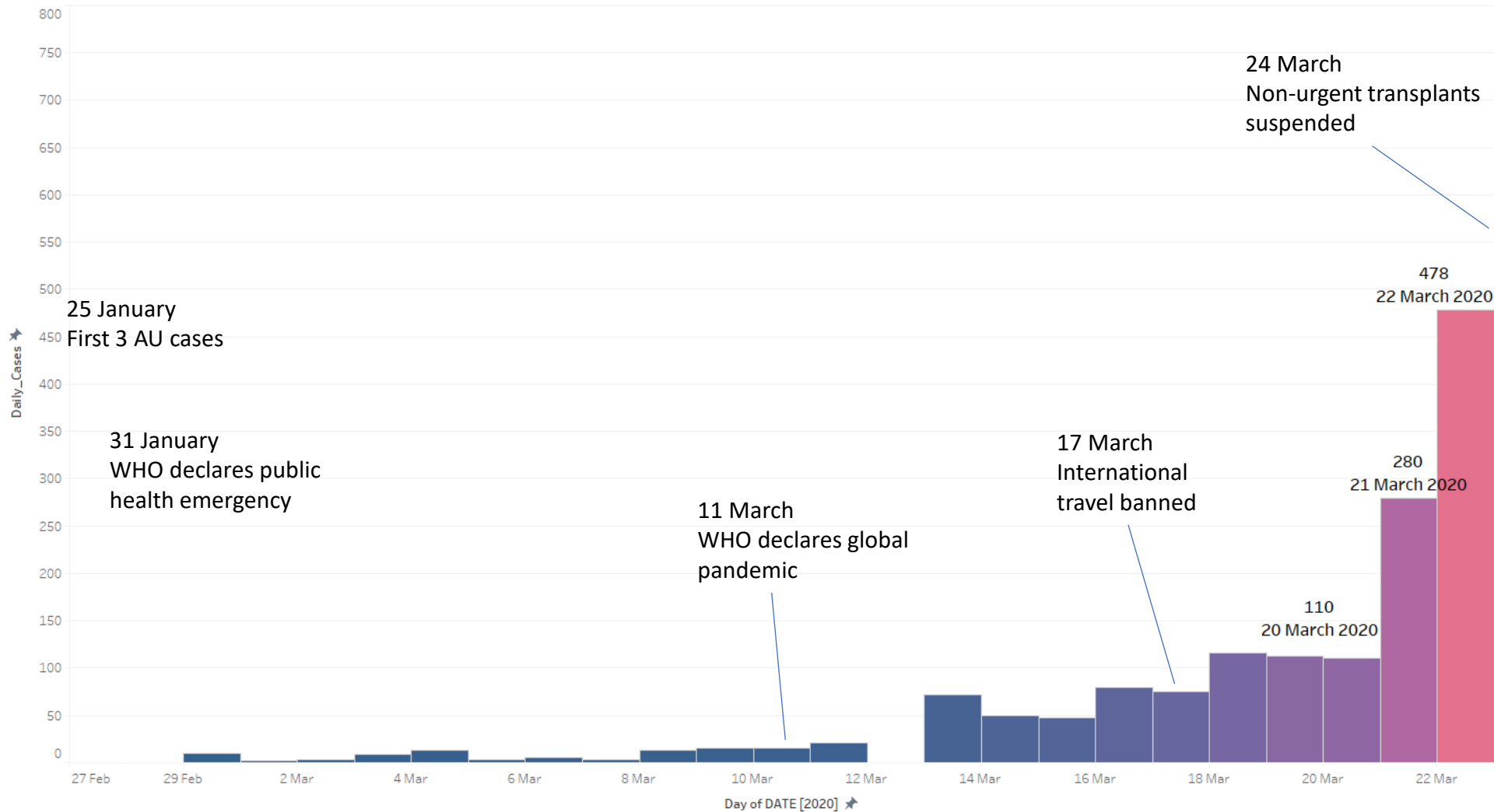
Mark McDonald | National Manager, Analytics & Technology
Organ and Tissue Authority



COVID

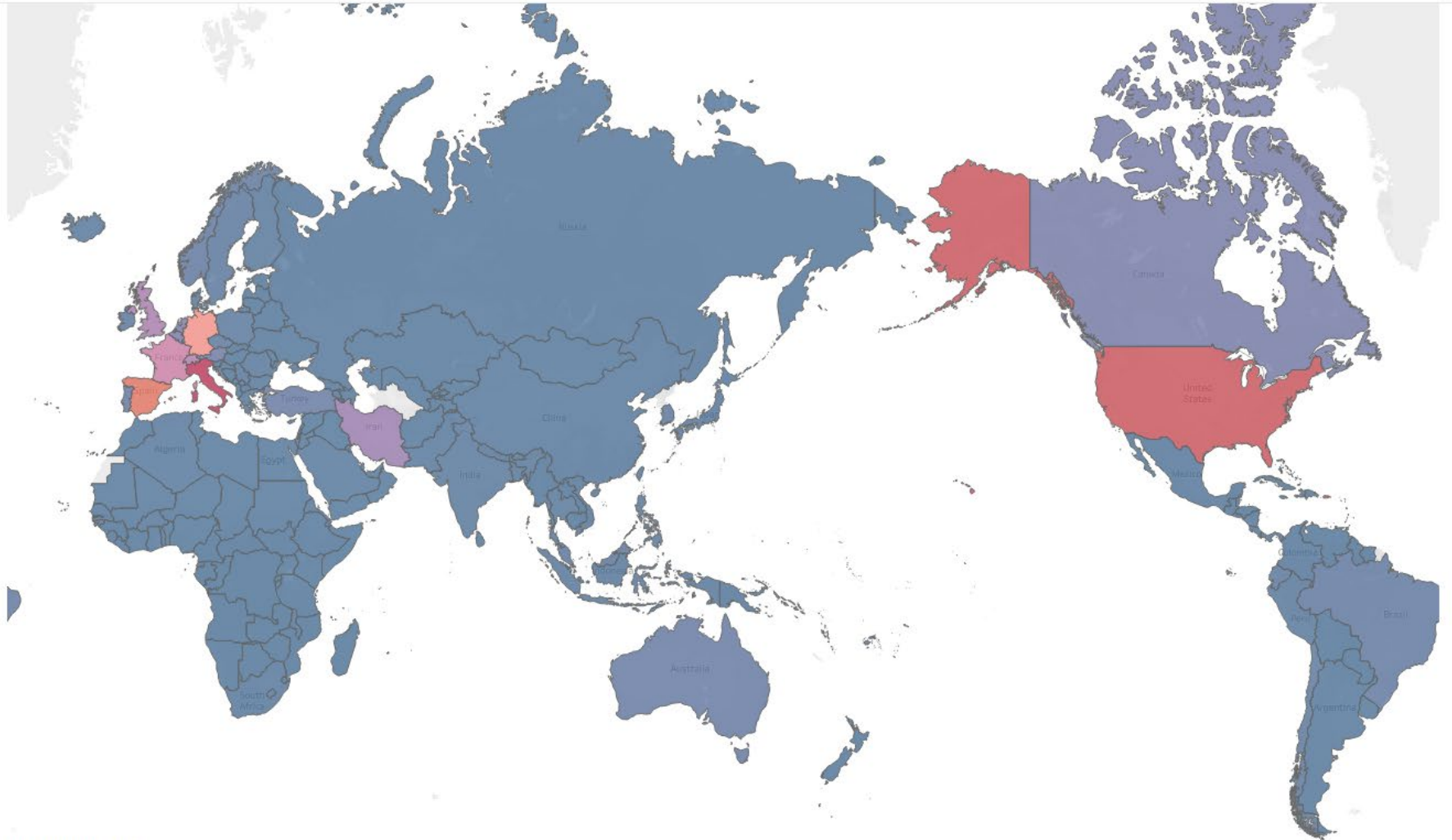
COVID 2020

Australia Daily Cases 2020



COVID 2020

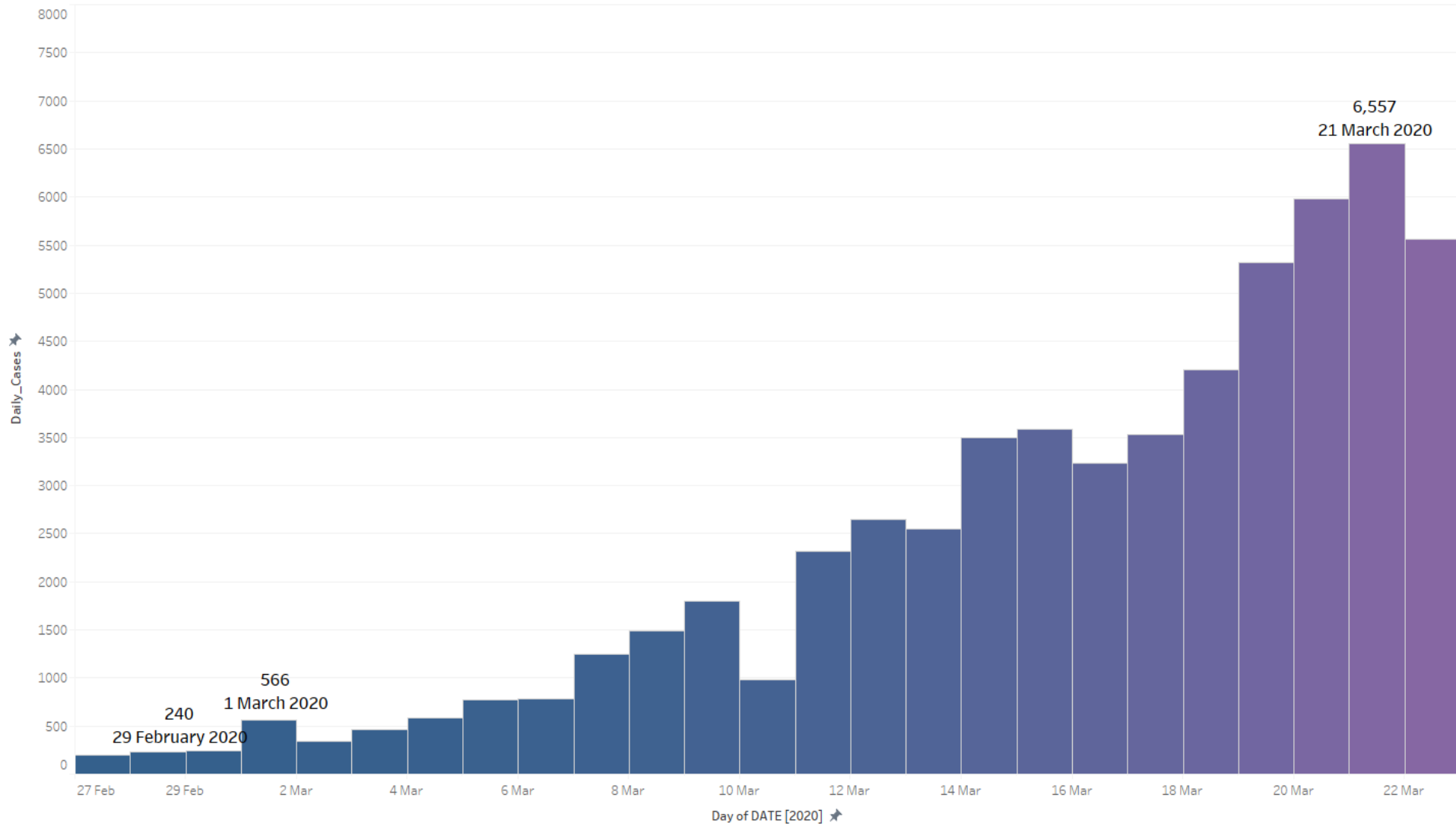
Daily Cases - 21/03/2020



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COVID 2020

Italy Daily Cases 2020



COVID 2020

Coronavirus live updates: 627 die in a single day in Italy

Largest daily jump in Italy's death toll, as WHO warns the world's youth they are not invincible against COVID-19.



By Ted Regencia, Farah Najjar and Saba Aziz

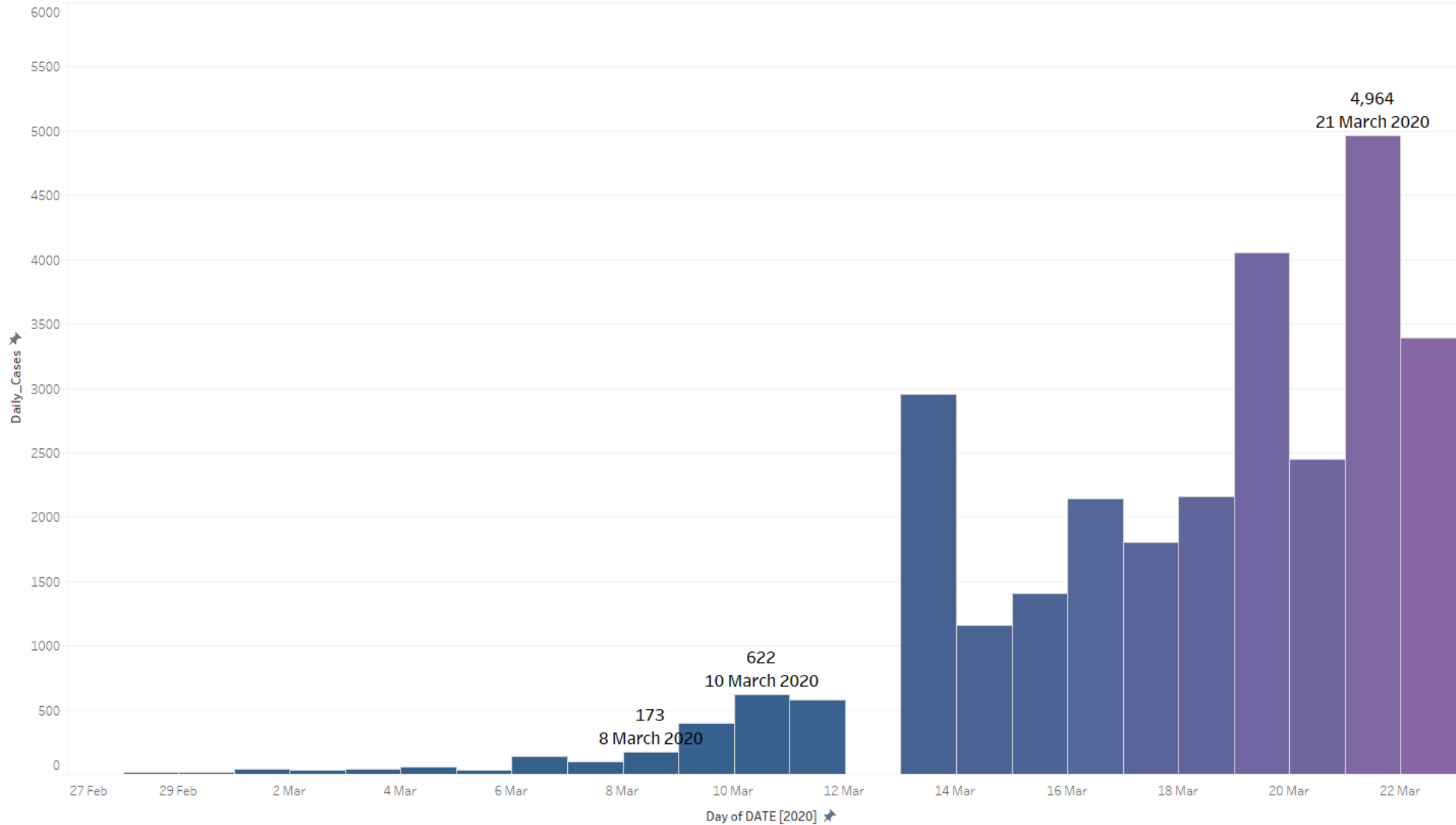
20 Mar 2020



donate life 

COVID 2020

Spain Daily Cases 2020



COVID 2020

CORONAVIRUS

Spanish doctors prepare to make difficult decisions if intensive care units reach capacity

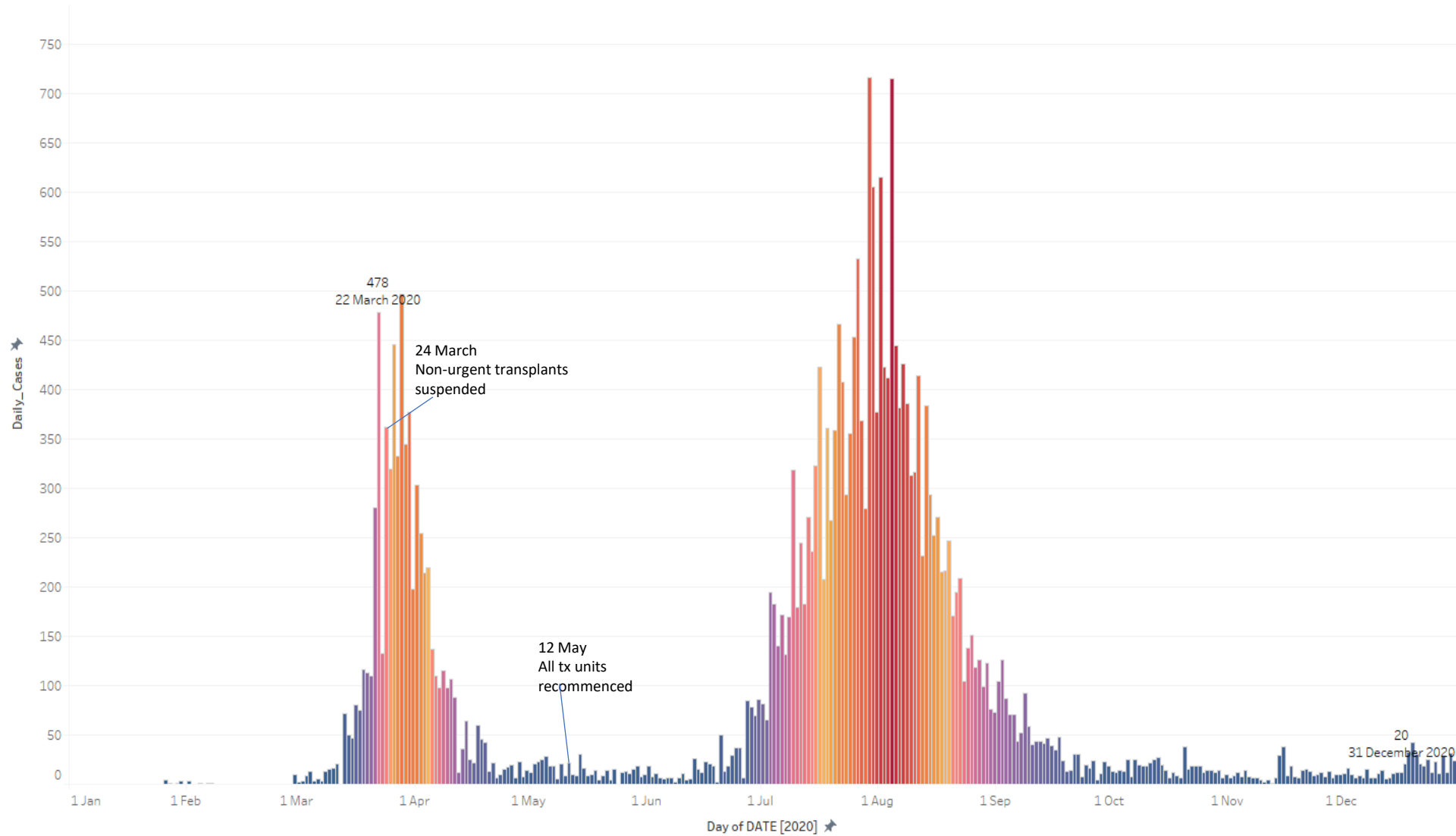
ELENA SEVILLANO / ORIOL GÜELL / EL PAÍS | Madrid | MAR 21, 2020 - 18:35 CET

Officials admit the worst is yet to come as Spain exceeds 1,000 deaths and field hospitals start going up across the country



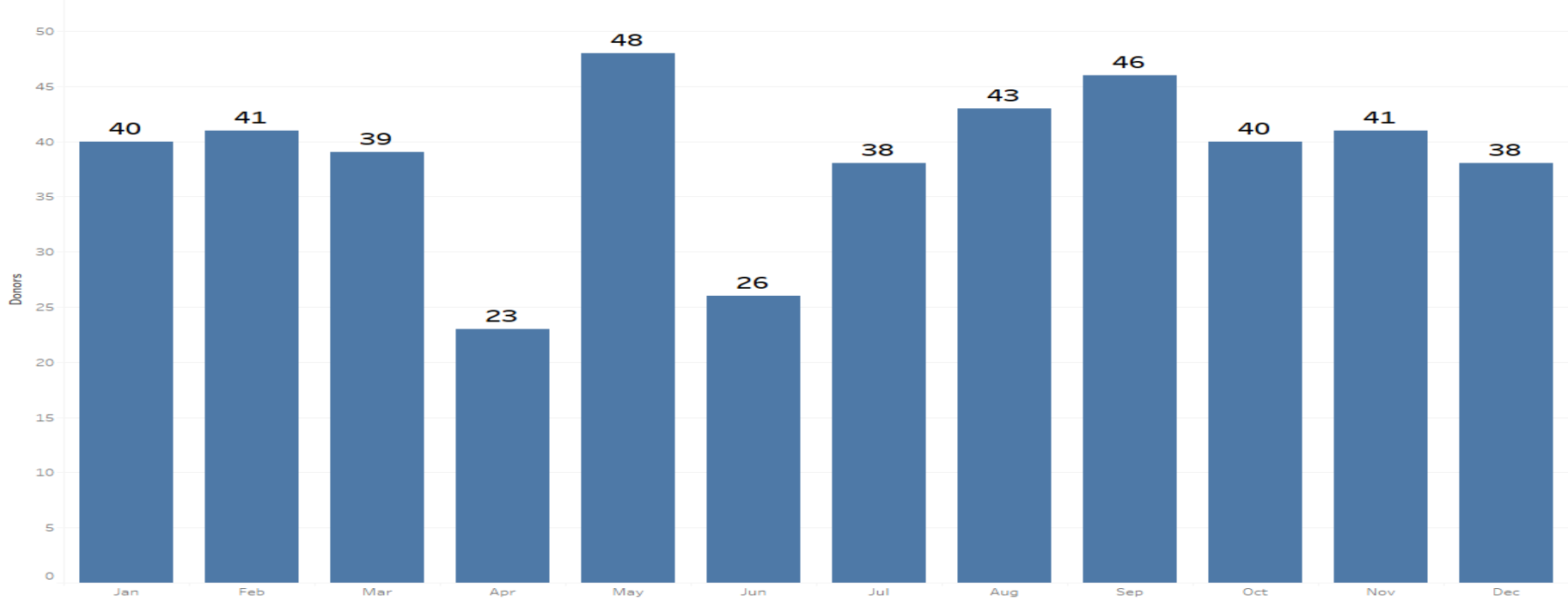
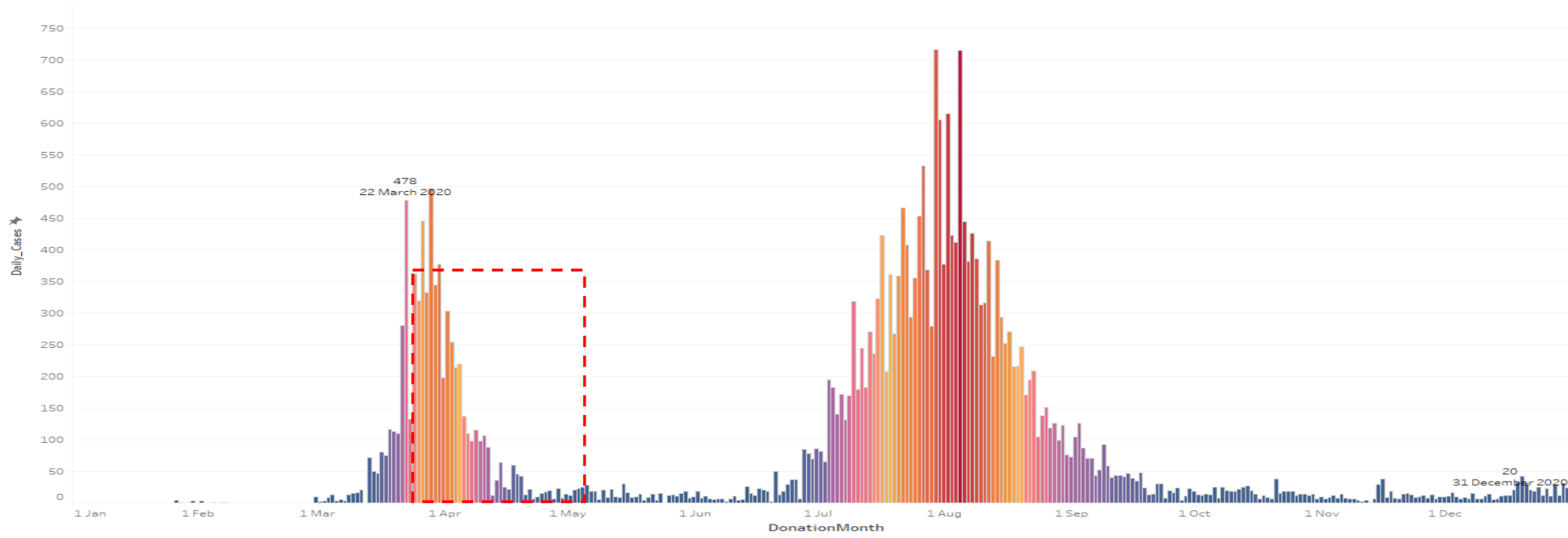
COVID 2020

Australia Daily Cases 2020



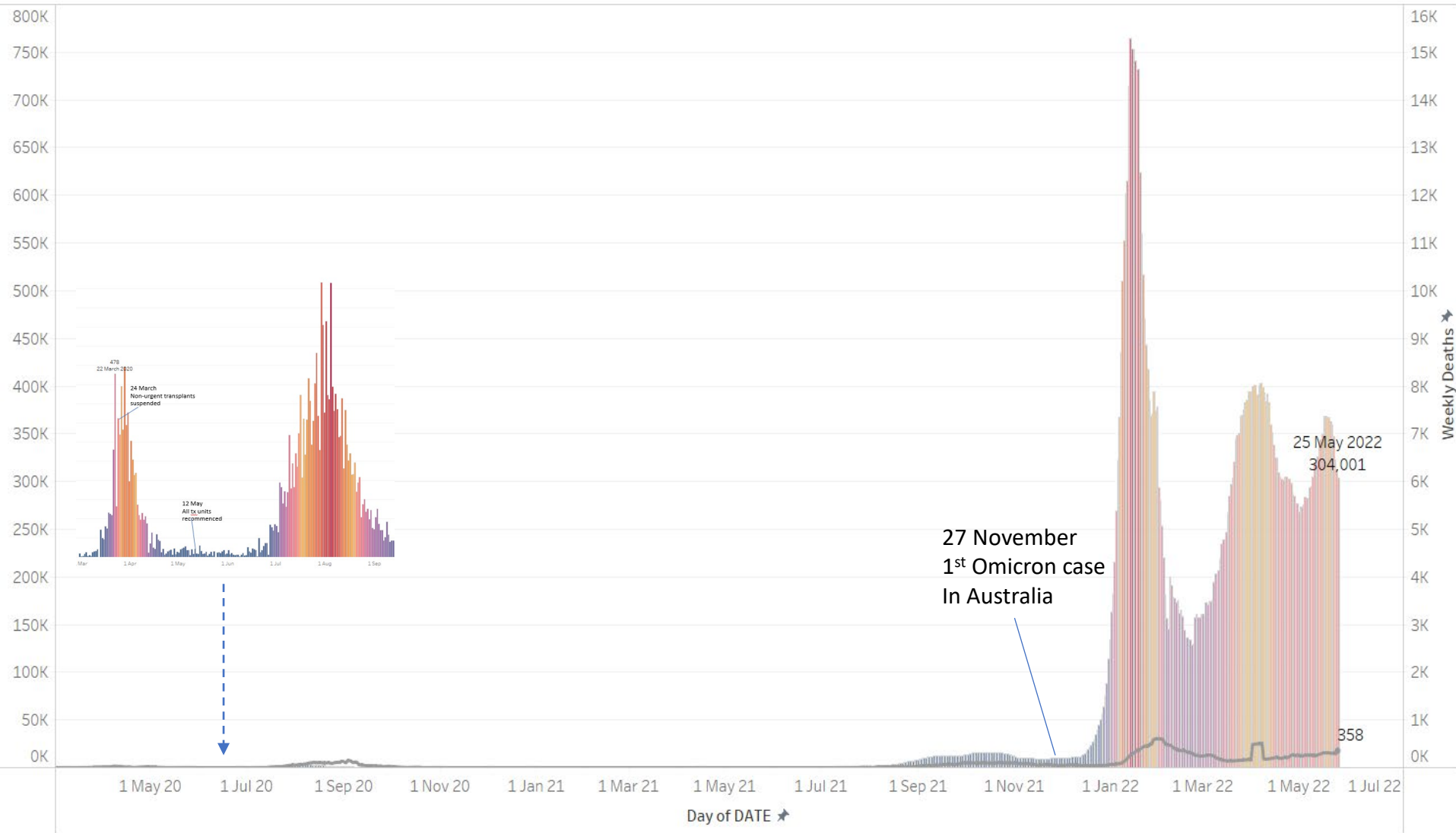
COVID 2020

Australia Daily Cases 2020



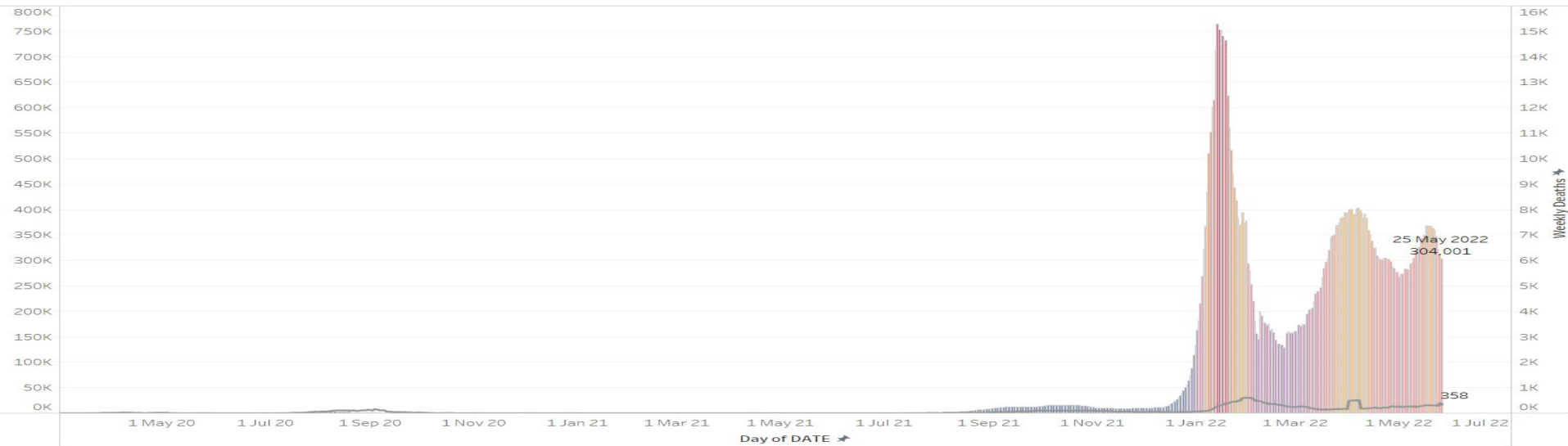
COVID 2020-2022

Australia Weekly Cases and Deaths



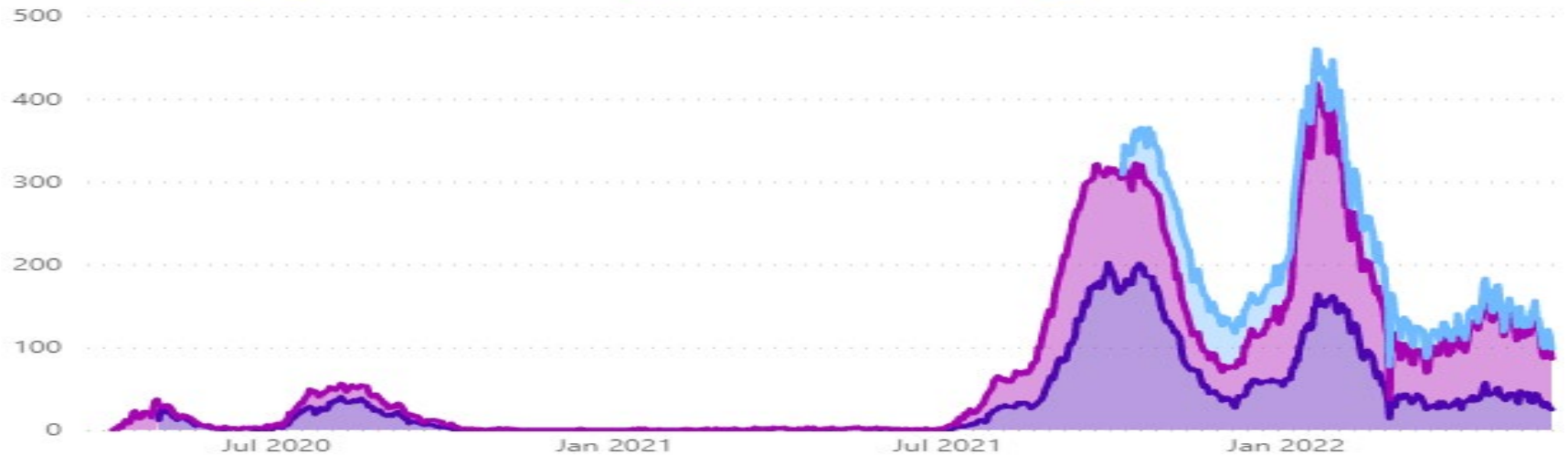
COVID – ICU Impact

Australia Weekly Cases and Deaths



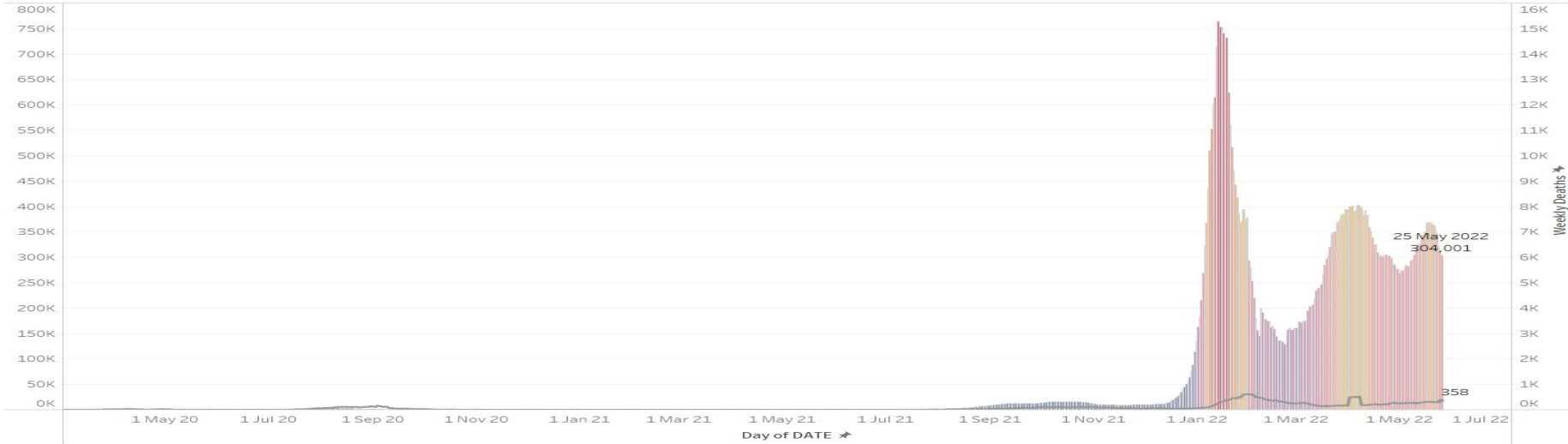
COVIDs IN ICU

Daily Maximum ● COVID '+' ventilated ● COVID '+' non-ventilated ● COVID '+' cleared

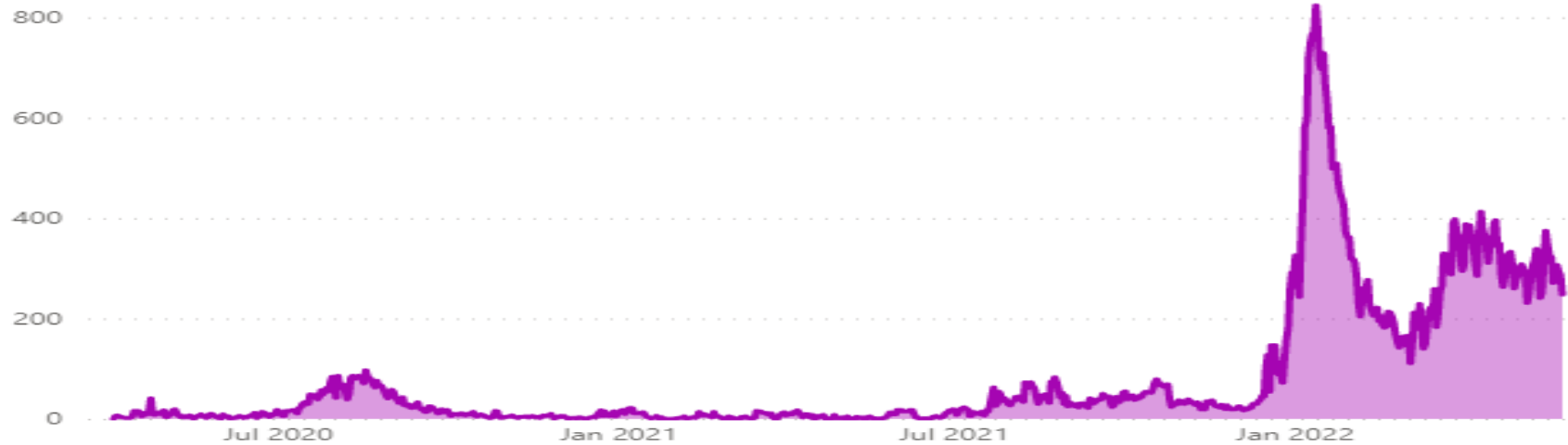


COVID – ICU Impact

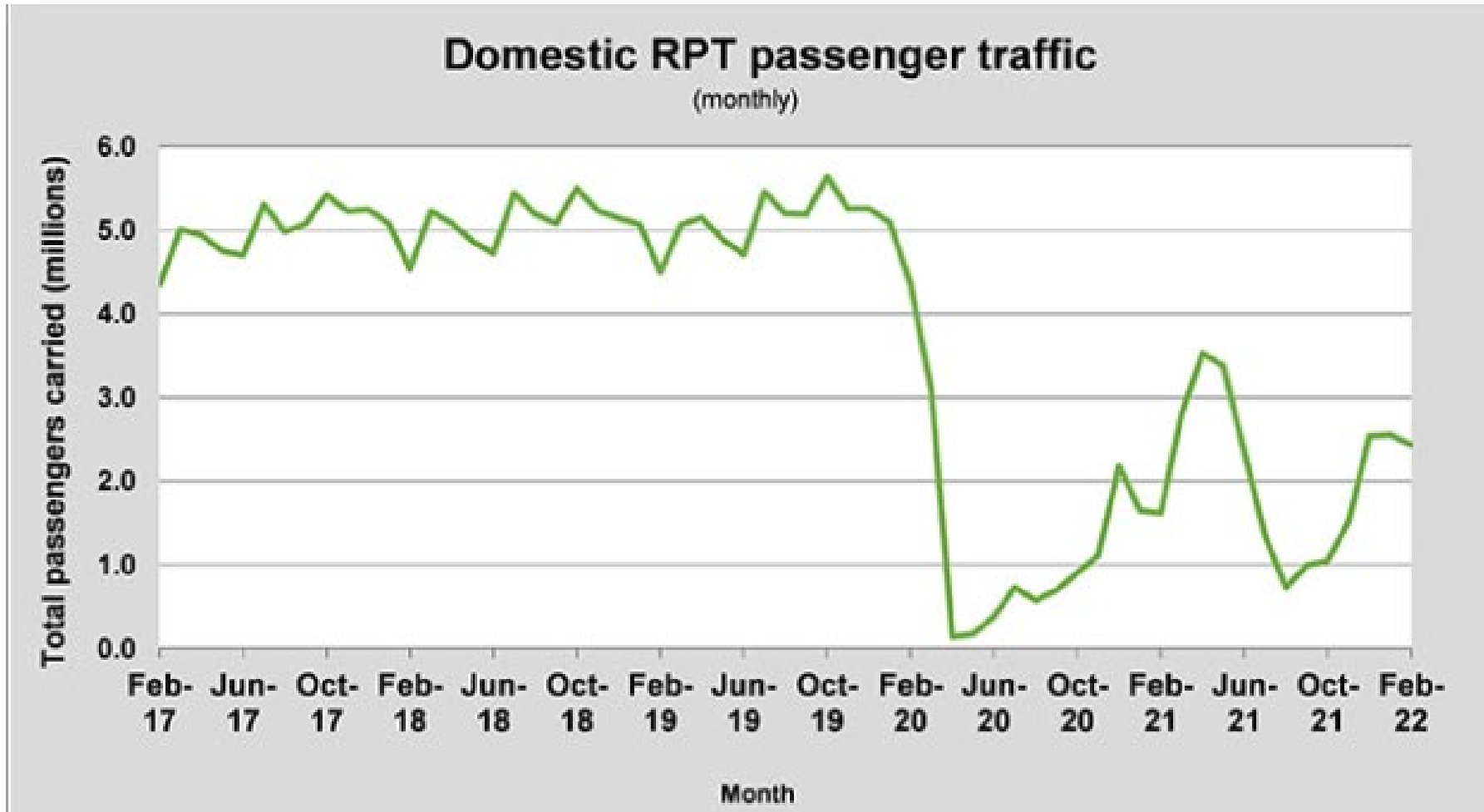
Australia Weekly Cases and Deaths



STAFF UNAVAILABILITY

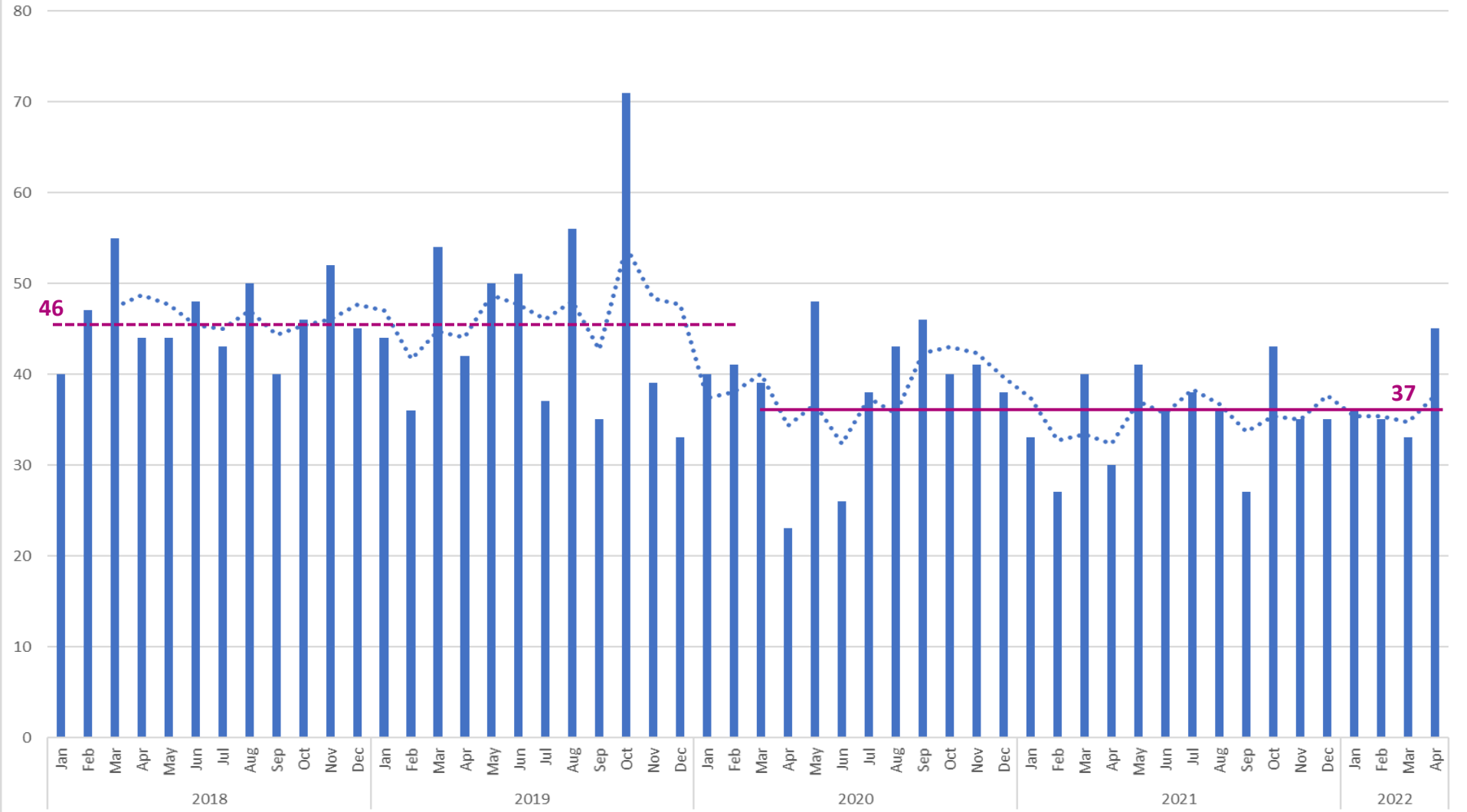


COVID - Logistics

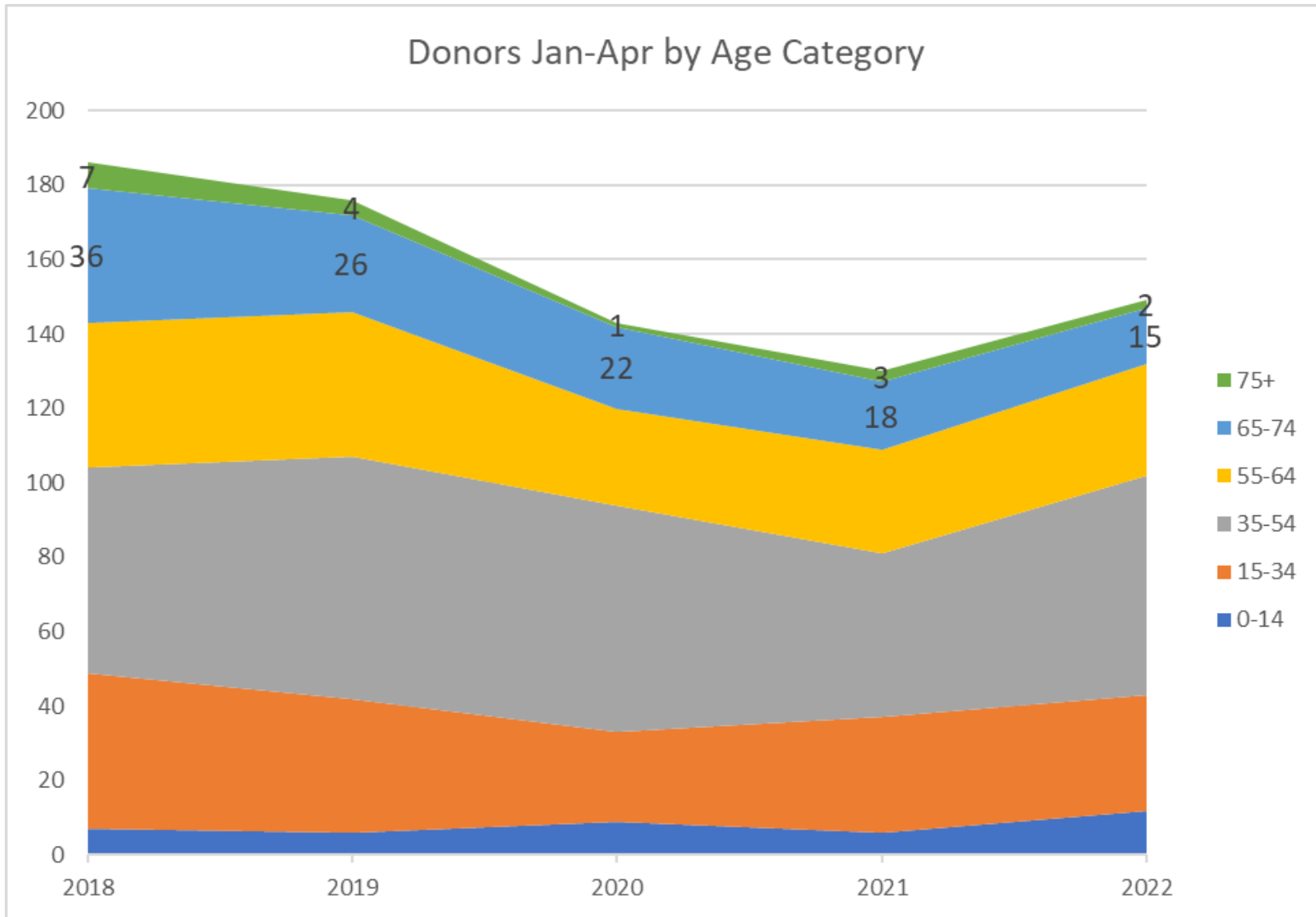


Donation Outcomes 2018-2022

Donors by Month



Donation Outcomes 2018-2022



Clinical Practice Improvement Program (CPIP)

CPIP

Key Performance Indicators (KPIs)

1.1

100% of ICU patients with planned end-of-life care referred to DonateLife Agency/hospital donation specialist staff

1.2

100% of ED patients with planned end-of-life care referred to DonateLife Agency/hospital donation specialist staff

1.3

100% routine checking of the Australian Organ Donation Register (AODR) prior to staff raising donation²

2.1

100% of FDCs are preceded by a planning meeting

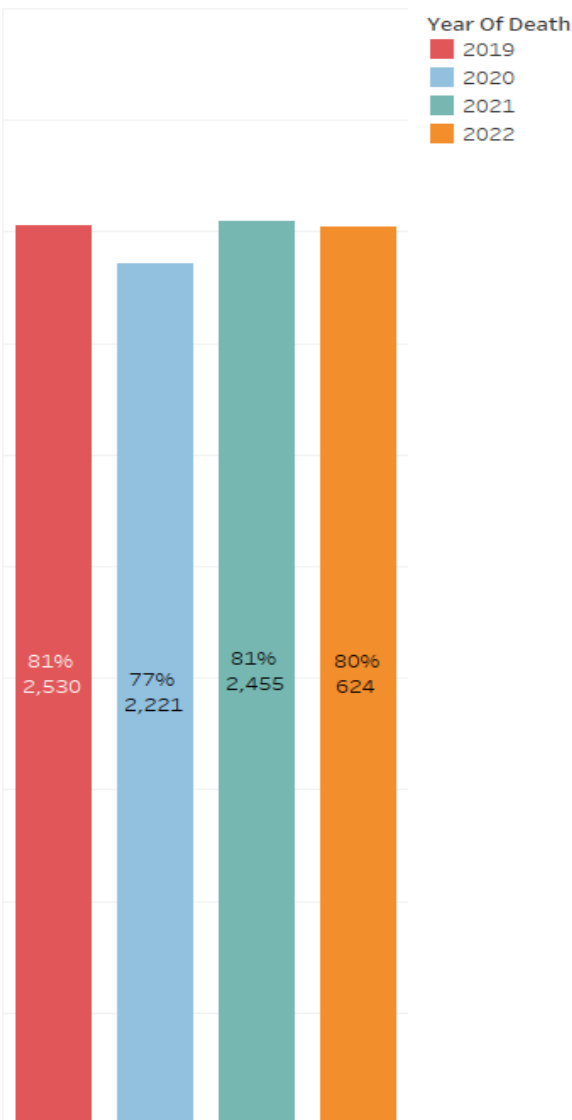
2.2

A Donation Specialist Nurse¹ actively participates in 100% of FDCs

2.3

100% of FDCs have a team review meeting after the FDC

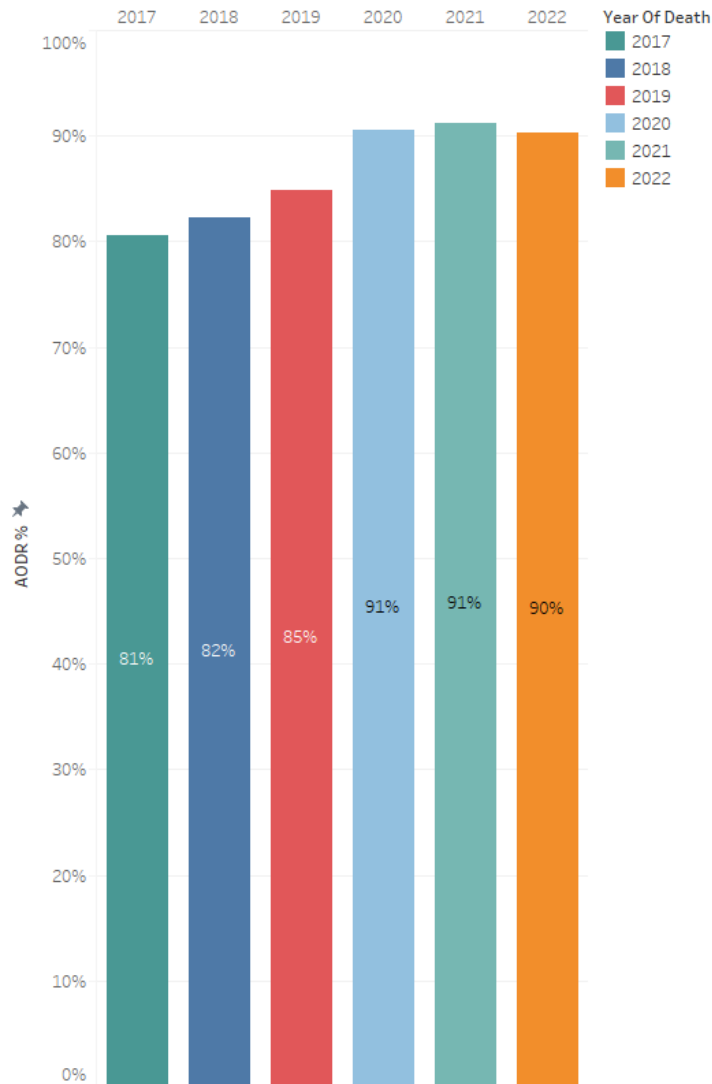
CPIP – Routine Referral



Non Referral Reasons

Deemed not supportable with treatment limitations..	160
Didn't think of referral	125
Organ dysfunction	108
Not expected to die in DCD timeframe	37
Family declined donation	23
Treating clinician chose not to refer	20

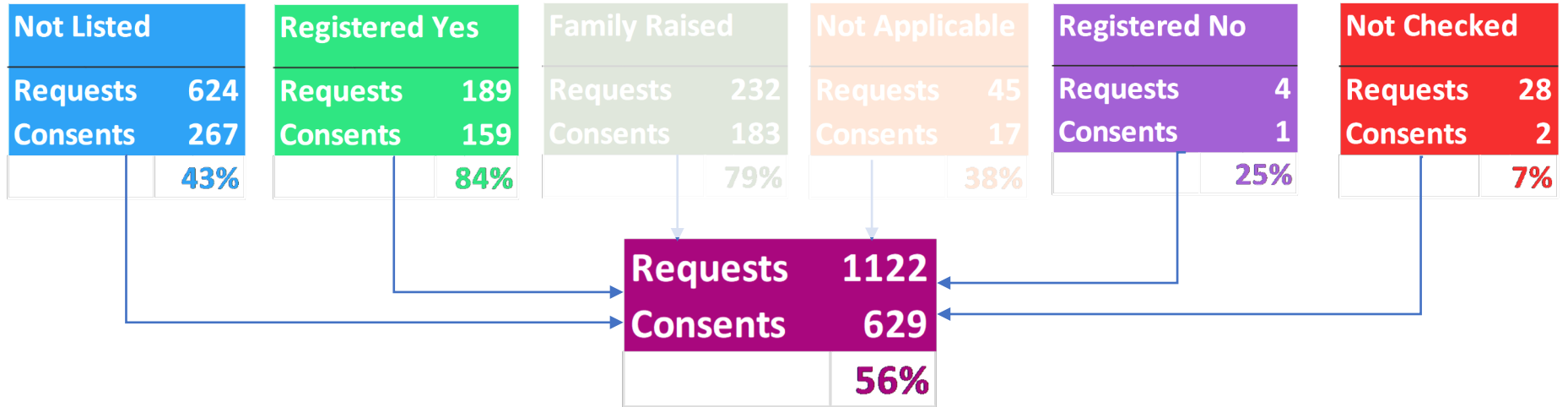
CPIP – AODR Checking



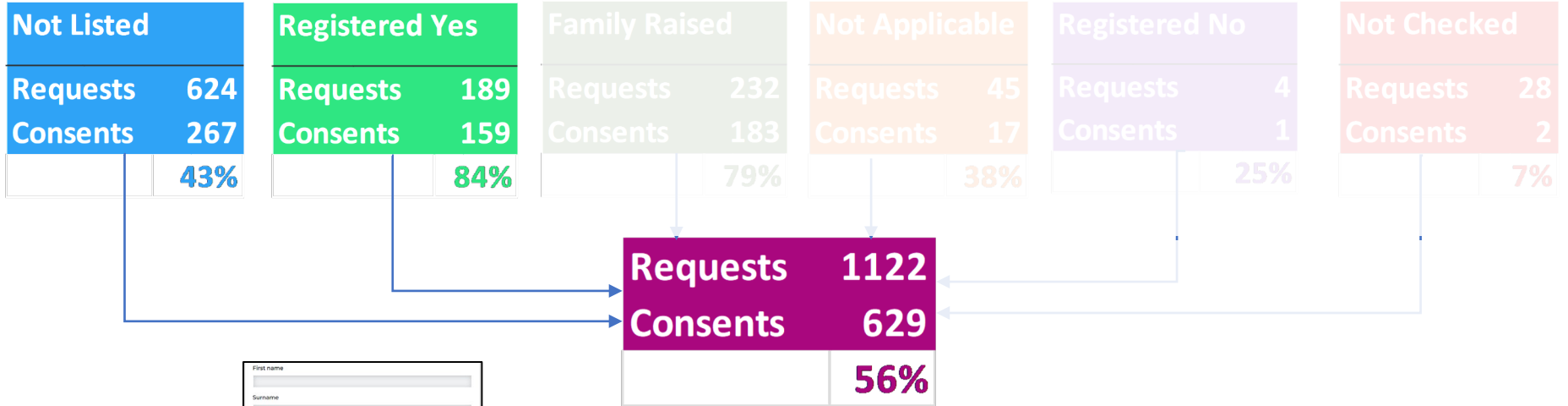
AODR registration rates by jurisdiction



CPIP – AODR Checking



CPIP – AODR Checking



+ 500,000 Registrations (+ 6.7%)

First name

Surname

Email address (optional)

Date of birth
 Day: Month: Year:

Postcode

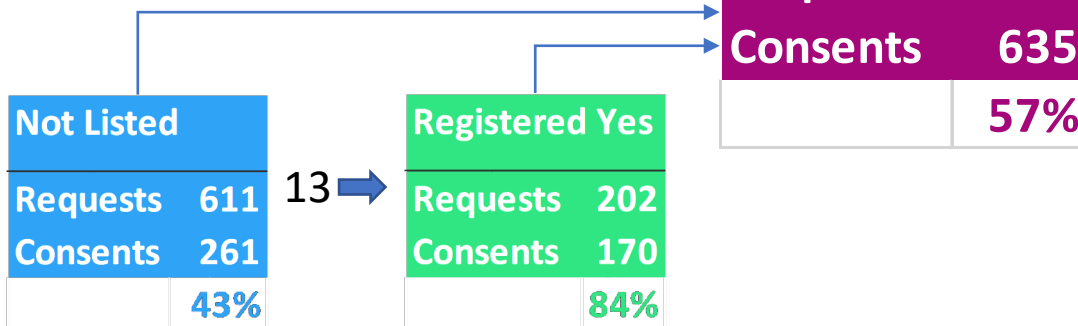
Medicare details

Medicare card number

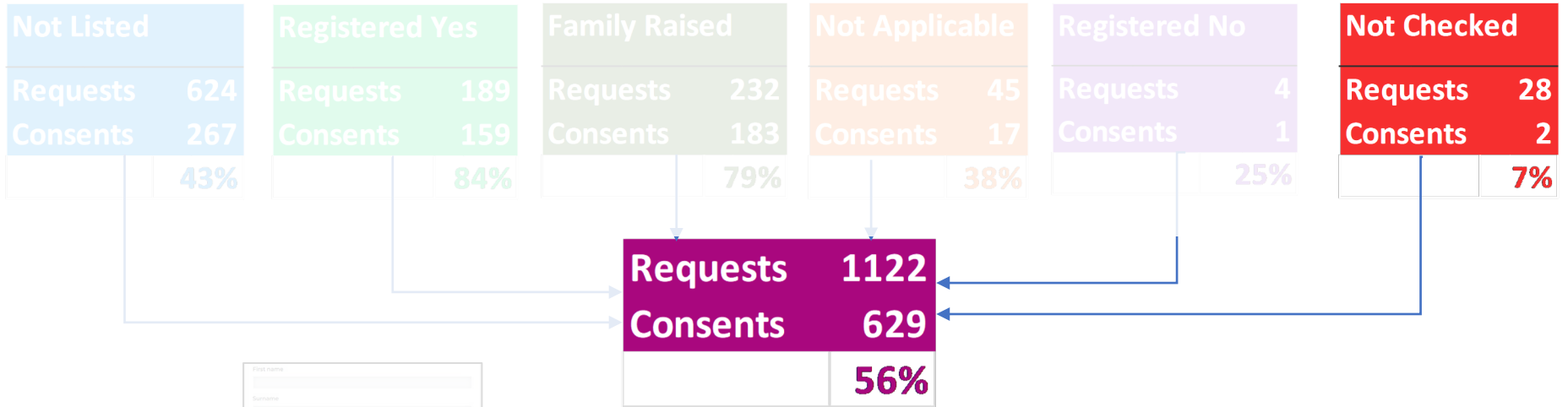
Reference number

Don't have a medicare card?

What prompted you to register today?
 Please select



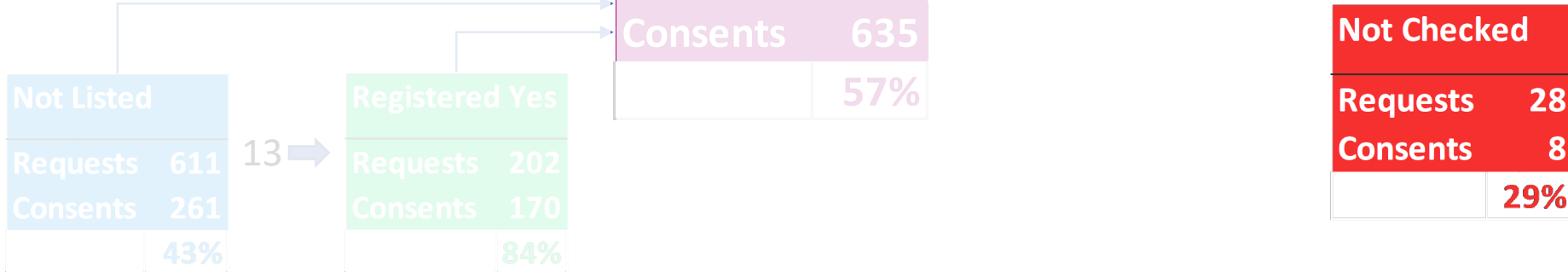
CPIP – AODR Checking



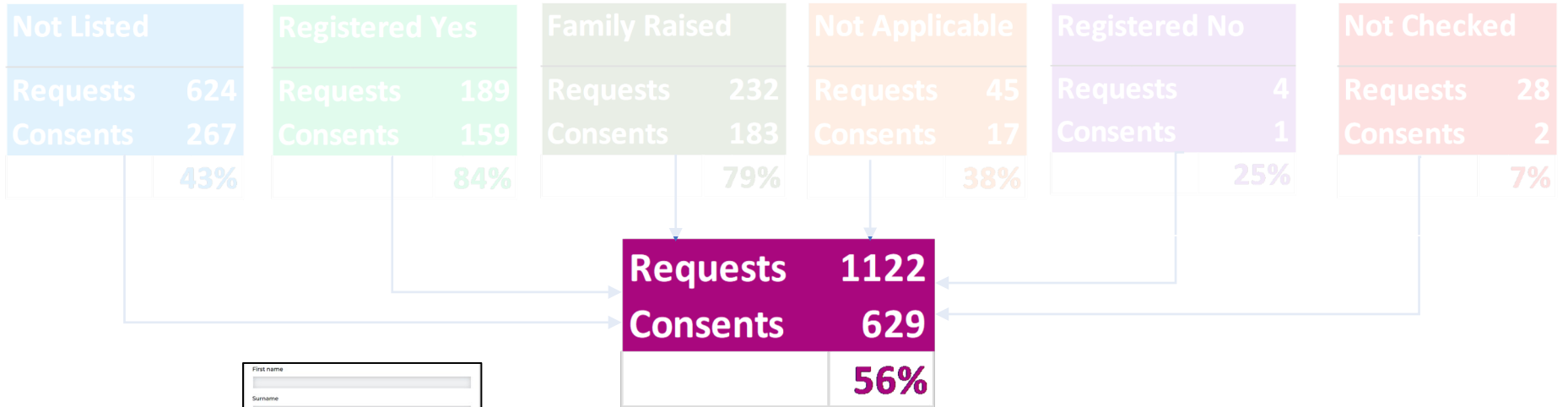
+ 500,000 Registrations (+ 6.7%)



+ 28 AODR Checks @ 34% Reg x 84% Consent



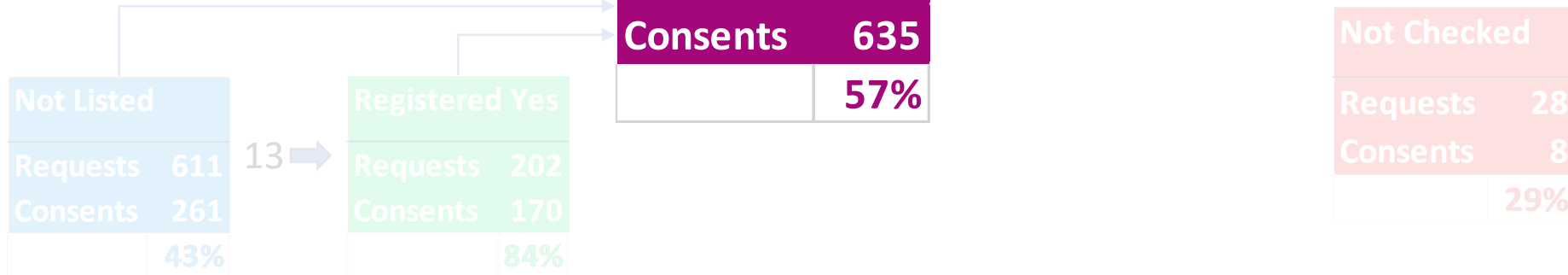
CPIP – AODR Checking



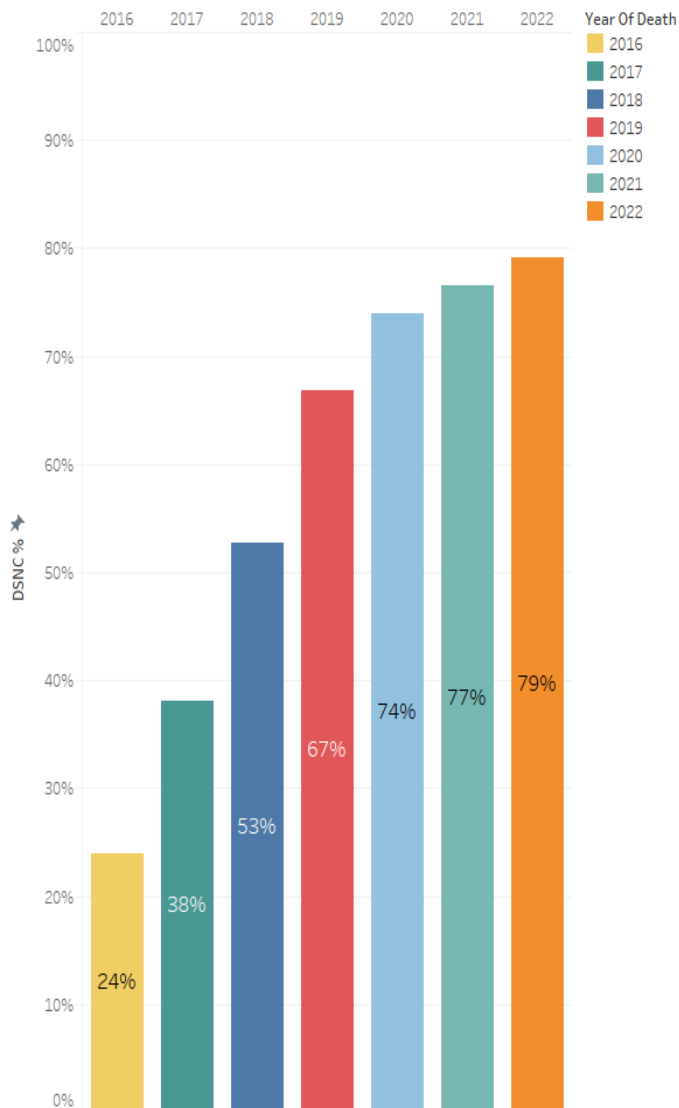
+ 500,000 Registrations (+ 6.7%)



+ 28 AODR Checks @ 34% Reg x 84% Consent



CPIP – DSN/C Involvement



DSN Involvement 2022

DSN Involved	Request %	Requests	Consents	Consent Rate
Yes	79%	182	109	59.9%
No	21%	47	8	17.0%

DSN Involvement 2021

DSN Involved	Request %	Requests	Consents	Consent Rate
Y	76%	680	405	59.6%
N	24%	209	40	19.1%

CPIP – Consent Outcomes – Likely Yes

State	Hospital	Prediction	Decision	REGISTRATION	Family Aware	RAISED_BY	ETHNICITY	Age	DSN	Planned
NSW	John Hunter Hospital	98%	Consent	Registered Yes	Yes	Family	AUSTRALIAN	56	Y	Yes
NSW	John Hunter Hospital	96%	Consent	Registered Yes	Yes	Family	AUSTRALIAN	70	Y	Yes
NSW	St George Hospital	93%	Consent	Registered Yes	Yes	Family	AUSTRALIAN	60	Y	Yes
NSW	Gosford Hospital	93%	Consent	Registered Yes	Yes	Family	AUSTRALIAN	66	Y	Yes
NSW	Royal Prince Alfred Hospital	92%	Consent	Not listed	Yes	Family	AUSTRALIAN	17	Y	Yes
NSW	Royal North Shore Hospital	91%	Consent	Registered Yes	Yes	Staff	AUSTRALIAN	61	Y	Yes
NSW	St George Hospital	91%	Consent	Registered Yes	Yes	Staff	BRITISH	53	Y	Yes
NSW	St George Hospital	89%	Consent	Not listed	Yes	Family	AUSTRALIAN	19	Y	Yes
NSW	Blacktown Hospital	89%	Consent	Not listed	Yes	Family	AUSTRALIAN	20	N	Yes
NSW	Sydney Childrens Hospital	89%	Consent	N/A	No	Family	AUSTRALIAN	7	Y	No
NSW	John Hunter Hospital	89%	Consent	Registered Yes	Yes	Family	AUSTRALIAN	54	Y	Yes
NSW	John Hunter Hospital	89%	Consent	Not listed	Yes	Family	AUSTRALIAN	31	Y	Yes
NSW	John Hunter Hospital	88%	Consent	Not listed	Yes	Family	AUSTRALIAN	19	Y	Yes
NSW	Nepean Hospital	85%	Consent	Registered Yes	Yes	Staff	AUSTRALIAN	53	Y	Yes
NSW	Shoalhaven Hospital	85%	Consent	Registered Yes	Unk	Staff	AUSTRALIAN	39	Y	Yes
NSW	St Vincents Hospital Sydney	84%	Consent	Registered Yes	Yes	Staff	AUSTRALIAN	80	Y	No
NSW	Nepean Hospital	83%	Consent	Registered Yes	No	Family	SE_ASIAN	58	Y	No
NSW	John Hunter Hospital	82%	Consent	Registered Yes	Yes	Staff	AUSTRALIAN	67	Y	Yes
NSW	Campbelltown Hospital	81%	Consent	Not listed	Yes	Family	AUSTRALIAN	33	Y	Yes

CPIP – Consent Outcomes - Likely No

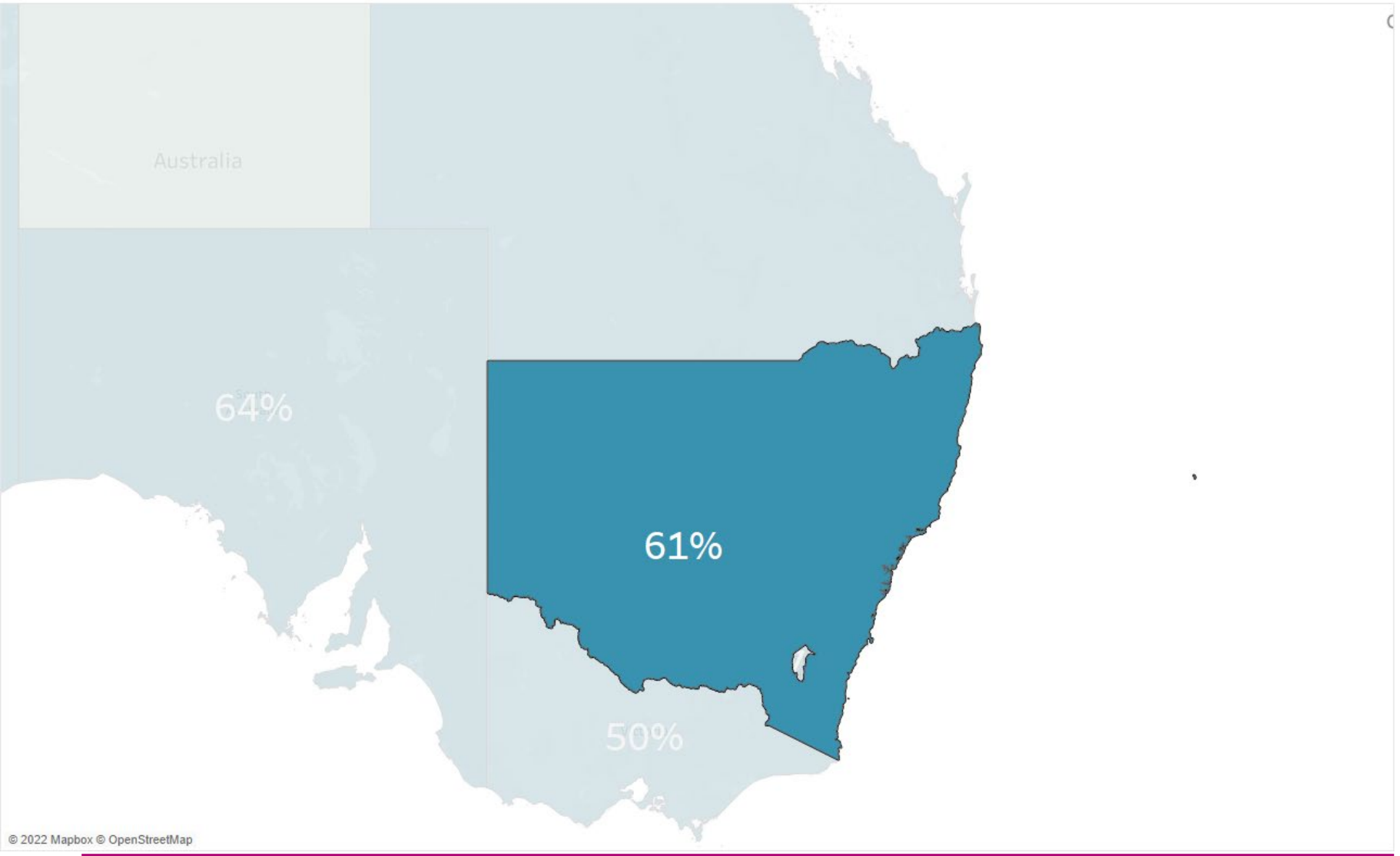
State	Hospital	Prediction	Decision	REGISTRATION	Family Aware	RAISED_BY	ETHNICITY	Age	DSN	Planned
NSW	Westmead Hospital	40%	Declined	Not listed	No	Staff	N_AFRICAN_M_EAST	38	Y	Yes
NSW	John Hunter Hospital	40%	Declined	N/A	No	Staff	AUSTRALIAN	15	Y	Yes
NSW	Liverpool Hospital	39%	Declined	Not listed	Yes	Staff	VIETNAMESE	51	N	Unk
NSW	John Hunter Hospital	37%	Declined	Not listed	Yes	Staff	AUSTRALIAN	78	Y	Yes
NSW	Gosford Hospital	36%	Consent	Not listed	No	Staff	POLYNESIAN	19	Y	Yes
NSW	Royal Prince Alfred Hospital	36%	Declined	Not listed	No	Staff	FILIPINO	35	Y	Yes
NSW	Childrens Hospital at Westmead	35%	Declined	N/A	No	Staff	AUSTRALIAN	0	N	Yes
NSW	Wollongong Hospital	35%	Declined	Not listed	No	Staff	STH_ASIAN	36	Y	Yes
NSW	Childrens Hospital at Westmead	35%	Consent	N/A	No	Staff	ARAB_or_TURK	4	Y	Yes
NSW	Westmead Hospital	35%	Declined	Not listed	No	Staff	FILIPINO	43	Y	No
NSW	Sydney Childrens Hospital	31%	Declined	N/A	No	Staff	GREEK	13	Y	No
NSW	Royal Prince Alfred Hospital	30%	Consent	Not listed	Yes	Staff	AUSTRALIAN_ABORIGINAL	16	Y	Yes
NSW	Childrens Hospital at Westmead	27%	Declined	N/A	No	Staff	STH_ASIAN	5	Y	Yes
NSW	Childrens Hospital at Westmead	27%	Declined	N/A	No	Staff	ARAB_or_TURK	0	Y	Yes
NSW	Royal Prince Alfred Hospital	27%	Declined	Not listed	No	Staff	UNKNOWN	61	Y	Yes
NSW	Liverpool Hospital	25%	Declined	Not listed	Yes	Staff	SE_ASIAN	37	Y	Yes
NSW	Prince of Wales Hospital	18%	Declined	Not Checked	No	Staff	AUSTRALIAN_ABORIGINAL	59	N	No
NSW	Wyong Hospital	14%	Declined	Not listed	Yes	Staff	AUSTRALIAN_ABORIGINAL	53	Y	Yes
NSW	Prince of Wales Hospital	13%	Declined	Registered No	No	Staff	GREEK	74	Y	Yes

CPIP – Consent Outcomes – Probable No

State	Hospital	Prediction	Decision	REGISTRATION	Family Aware	RAISED_BY	ETHNICITY	Age	DSN	Planned
NSW	Gosford Hospital	49%	Consent	Not listed	No	Staff	AUSTRALIAN	67	Y	Yes
NSW	Royal Prince Alfred Hospital	49%	Declined	Not listed	No	Staff	AUSTRALIAN	72	Y	Yes
NSW	Campbelltown Hospital	47%	Consent	Not listed	Yes	Staff	AUSTRALIAN	55	Y	Yes
NSW	St Vincents Hospital Sydney	47%	Consent	Not listed	Unk	Staff	FILIPINO	16	Y	Yes
NSW	St Vincents Hospital Sydney	46%	Consent	Not listed	Yes	Staff	OTHER	35	Y	Yes
NSW	Royal Prince Alfred Hospital	44%	Consent	Not listed	No	Staff	SE_ASIAN	71	Y	Yes
NSW	Royal North Shore Hospital	44%	Consent	Not listed	Yes	Staff	AUSTRALIAN	72	Y	Yes
NSW	Childrens Hospital at Westmead	43%	Consent	N/A	No	Staff	INDIAN	9	Y	Yes
NSW	Liverpool Hospital	42%	Declined	Not listed	No	Staff	AUSTRALIAN	58	Y	Yes
NSW	Northern Beaches Hospital	41%	Consent	Not listed	Yes	Staff	AUSTRALIAN	67	Y	Yes
NSW	Wollongong Hospital	41%	Declined	Not listed	Unk	Staff	BRITISH	57	Y	Yes
NSW	Coffs Harbour Hospital	40%	Consent	Not listed	Unk	Staff	AUSTRALIAN	53	N	No
NSW	Westmead Hospital	40%	Declined	Not listed	No	Staff	N_AFRICAN_M_EAST	38	Y	Yes
NSW	John Hunter Hospital	40%	Declined	N/A	No	Staff	AUSTRALIAN	15	Y	Yes
NSW	Liverpool Hospital	39%	Declined	Not listed	Yes	Staff	VIETNAMESE	51	N	Unk
NSW	John Hunter Hospital	37%	Declined	Not listed	Yes	Staff	AUSTRALIAN	78	Y	Yes
NSW	Gosford Hospital	36%	Consent	Not listed	No	Staff	POLYNESIAN	19	Y	Yes
NSW	Royal Prince Alfred Hospital	36%	Declined	Not listed	No	Staff	FILIPINO	35	Y	Yes
NSW	Childrens Hospital at Westmead	35%	Declined	N/A	No	Staff	AUSTRALIAN	0	N	Yes
NSW	Wollongong Hospital	35%	Declined	Not listed	No	Staff	STH_ASIAN	36	Y	Yes
NSW	Childrens Hospital at Westmead	35%	Consent	N/A	No	Staff	ARAB_or_TURK	4	Y	Yes
NSW	Westmead Hospital	35%	Declined	Not listed	No	Staff	FILIPINO	43	Y	No
NSW	Sydney Childrens Hospital	31%	Declined	N/A	No	Staff	GREEK	13	Y	No
NSW	Royal Prince Alfred Hospital	30%	Consent	Not listed	Yes	Staff	AUSTRALIAN_ABORIGINAL	16	Y	Yes

CPIP – 2022 Consent

Consent Rates



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Table 13.13 DBD and DCD consent/authorisation rates with/without a SN-OD present from the Potential Donor Audit, 1 April 2020 to 31 March 2021, by Organ Donation Services Team (ODST)

ODST	SN-OD present for approach					SN-OD not present for approach					All
	Number of eligible DBD donors whose family were approached	DBD consent/authorisation rate (%)	Number of eligible DCD donors whose family were approached	DCD consent/authorisation rate (%)	Overall consent/authorisation rate (%)	Number of eligible DBD donors whose family were approached	DBD consent/authorisation rate (%)	Number of eligible DCD donors whose family were approached	DCD consent/authorisation rate (%)	Overall consent/authorisation rate (%)	Overall consent/authorisation rate (%)
Eastern	99	80.8	132	68.9	74.0	1	100.0	12	25.0	30.8	71.7
London	173	53.8	87	63.2	56.9	5	20.0	13	0.0	5.6	53.6
Midlands	135	65.9	136	61.0	63.5	9	44.4	17	52.9	50.0	62.3
North West	140	80.7	118	72.9	77.1	2	50.0	12	8.3	14.3	73.9
Northern	74	73.0	55	74.5	73.6	3	0.0	4	0.0	0.0	69.9
Northern Ireland	47	85.1	25	76.0	81.9	2	0.0	1	0.0	0.0	78.7
Scotland	79	88.6	61	75.4	82.9	7	28.6	17	11.8	16.7	73.2
South Central	92	80.4	65	67.7	75.2	3	100.0	9	11.1	33.3	72.2
South East	122	77.0	71	74.6	76.2	2	100.0	12	33.3	42.9	73.9
South Wales	45	68.9	20	70.0	69.2	3	0.0	6	33.3	22.2	63.5
South West	82	86.6	56	71.4	80.4	5	80.0	8	50.0	61.5	78.8
Yorkshire	79	81.0	96	65.6	72.6	0	-	6	16.7	16.7	70.7
TOTAL	1167	74.8	922	68.9	72.2	42	42.9	117	23.1	28.3	69.1

CPIP – FDC Impacts

COVID FDC Factors

Key Factors	DSN/C			
	No Requests	Consent Rate	Yes Requests	Consent Rate
No donation specialist available	23	13.0%		
Phone discussion	14	0.0%	51	70.6%
Phone discussion, Staff required to wear PPE	2	0.0%	21	57.1%
Staff required to wear PPE	22	22.7%	164	63.4%
Use of an interpreter	3	0.0%	18	22.2%
Video conferencing discussion	4	50.0%	24	62.5%
Video conferencing discussion, Staff required to wear PPE			11	36.4%

Summary



- COVID has impacted the sector in a myriad of ways
- The key CPIP metrics have remained at a high level through COVID-19
- Routine Referral
- AODR Checking before the FDC
- DSN involvement in the FDC
- But.. there is still some room for improvement