



Eye and Tissue Donation in Australia

Monthly Report

October 2019

Preliminary Data

Data collected from Australian Eye and Tissue Banks
This report supersedes any monthly interim summaries previously released for 2019

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1 Acknowledgements

According to the Eye Bank Association of Australia and New Zealand (EBAANZ), since the end of 2011, the number of corneal transplants in Australia each year has exceeded the number of new patients requiring transplants each year. This means the current demand for corneal transplants in Australia is being met and should be noted when comparing 2019 corneal transplantation numbers to previous years published.

2 Counting Methodology

Each eye and tissue bank uses a Minimum Data Set Template (MDS) to provide the Registry de-identified donor information for each tissue type, as well as aggregate data for reporting of notified tissue graft implants and notified tissue graft recipients.

Data received undergoes reconciliation and cross checking between the solid organ sector (ANZOD), the eye sector (participating eye banks) and the tissue sector (participating tissue banks) to ensure accuracy at the time of reporting.

The Registry declares:

- All donations of eye tissue have come from deceased donors.
- Eye donors include those who have donated 2 whole eyes, 2 corneas or one whole eye or one cornea.
- Eye and Tissue Graft Implants and Transplant Recipient data includes transplant events that have occurred in a different jurisdiction to where the tissue was donated.
- Graft Implants and Transplant Recipient data may or may not be a direct outcome of tissue donations reported for the month, as tissue can be stored for a period of time before the graft is implanted.
- Outcome data does not capture tissue that has been supplied for implant but not yet notified as implanted to the distributing tissue bank.

3 Eye and Tissue Donors

3.1 Unique Tissue Donors

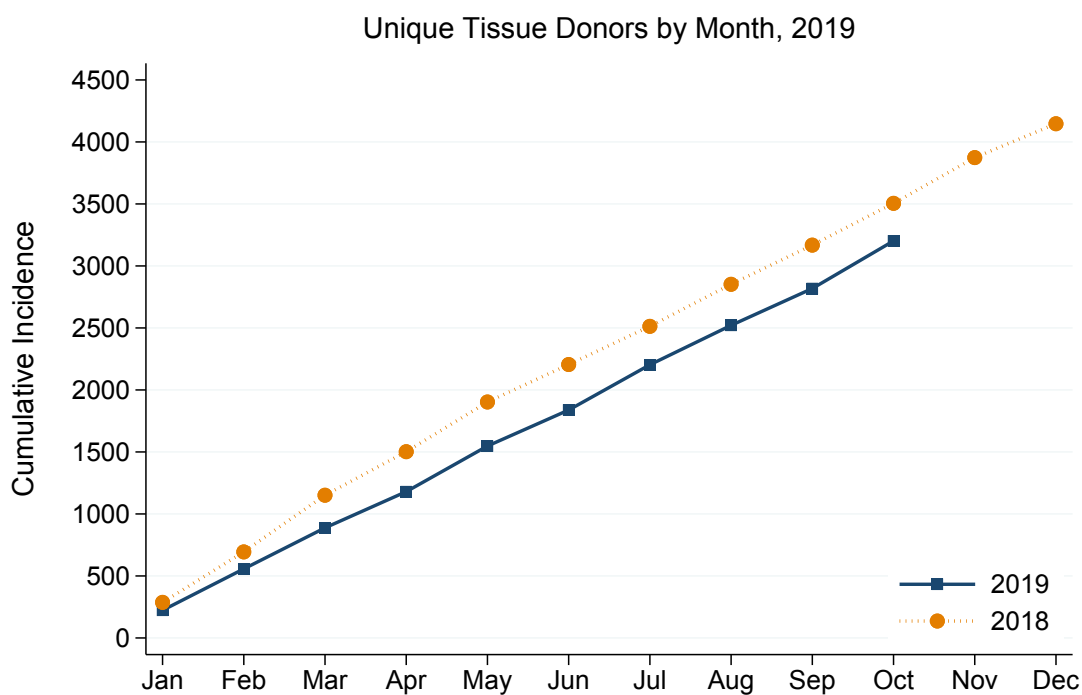


Figure 1: Unique Tissue Donors by Month, 2019

Eye and Tissue Donation Registry

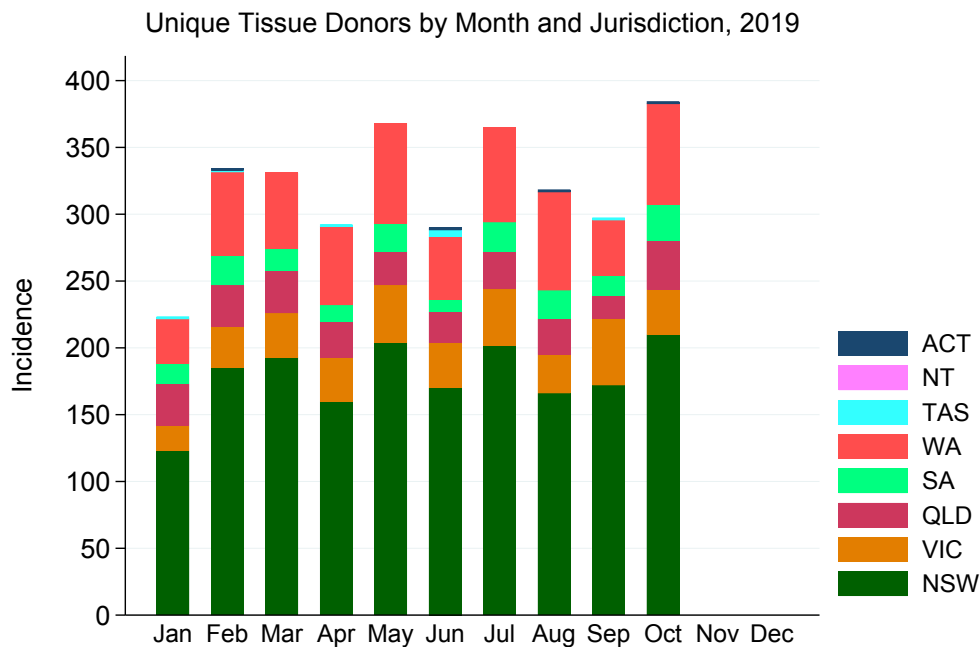


Figure 2: Unique Tissue Donors by Month and Jurisdiction, 2019

Table 1: Unique Tissue Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	123	185	193	160	204	170	202	166	172	210			1785
VIC	19	31	33	33	43	34	42	29	50	34			348
QLD	31	31	32	27	25	23	28	27	17	36			277
SA	15	22	16	12	21	9	22	21	15	27			180
WA	34	63	57	59	75	47	71	74	42	76			598
TAS	1	1	0	1	0	5	0	0	1	0			9
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	2	0	1	0	1			5
AUSTRALIA	223	334	331	292	368	290	365	318	297	384			3202

Eye and Tissue Donation Registry

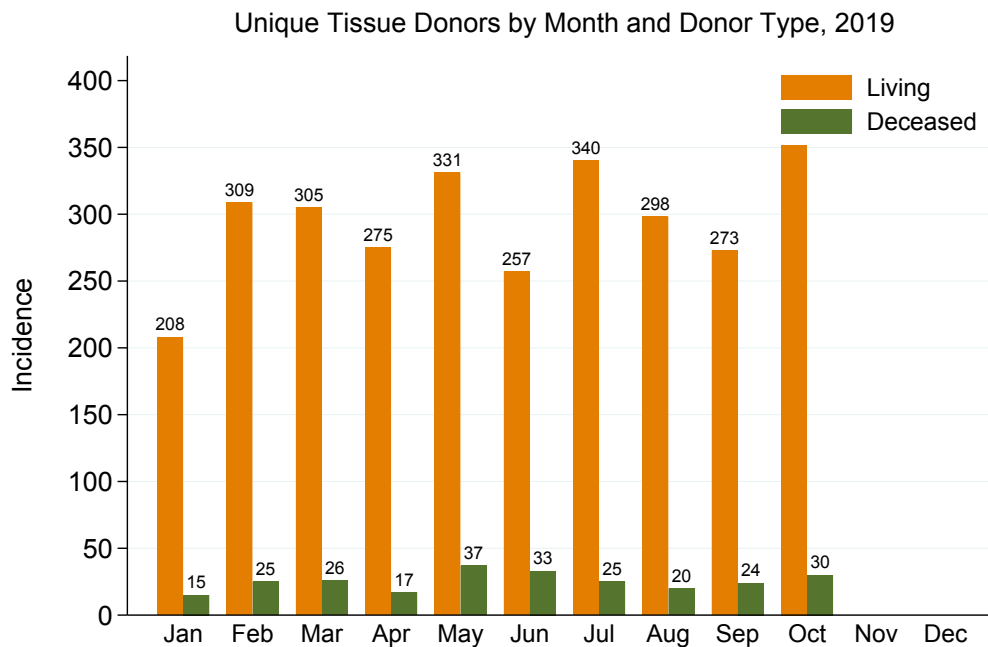


Figure 3: Unique Tissue Donors by Month and Donor Type, 2019

Table 2: Unique Living Tissue Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	120	176	185	154	190	160	193	162	163	208			1711
VIC	15	29	26	30	33	29	36	24	43	21			286
QLD	25	21	24	22	15	8	19	18	11	23			186
SA	15	20	14	12	20	9	22	20	15	26			173
WA	33	62	56	57	73	46	70	74	40	76			587
TAS	0	1	0	0	0	5	0	0	1	0			7
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	0	0	0	0	0			0
AUSTRALIA	208	309	305	275	331	257	340	298	273	354			2950

Table 3: Unique Deceased Tissue Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	3	9	8	6	14	10	9	4	9	2			74
VIC	4	2	7	3	10	5	6	5	7	13			62
QLD	6	10	8	5	10	15	9	9	6	13			91
SA	0	2	2	0	1	0	0	1	0	1			7
WA	1	1	1	2	2	1	1	0	2	0			11
TAS	1	0	0	1	0	0	0	0	0	0			2
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	2	0	1	0	1			5
AUSTRALIA	15	25	26	17	37	33	25	20	24	30			252

Eye and Tissue Donation Registry

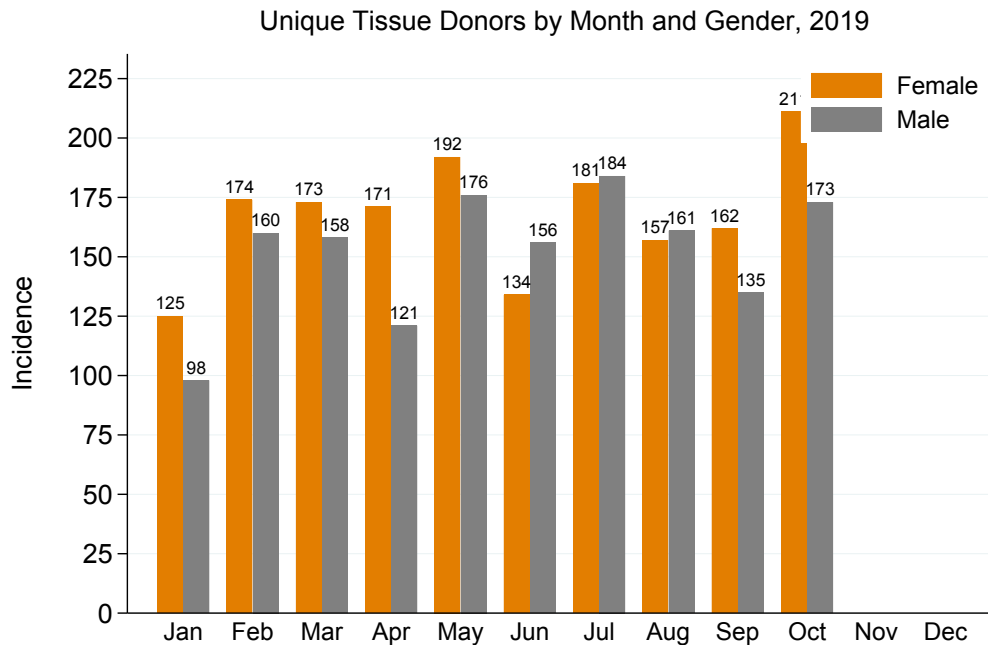


Figure 4: Unique Tissue Donors by Month and Gender, 2019

Table 4: Unique Female Tissue Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	72	98	106	86	116	77	102	88	94	124			963
VIC	10	14	11	21	16	17	22	11	28	14			164
QLD	14	12	11	14	7	5	11	10	8	17			109
SA	6	7	12	6	8	5	9	11	8	11			83
WA	23	42	33	43	45	28	37	37	24	45			357
TAS	0	0	0	1	0	1	0	0	0	0			2
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	1	0	0	0	0			2
AUSTRALIA	125	174	173	171	192	134	181	157	162	211			1680

Table 5: Unique Male Tissue Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	51	87	87	74	88	93	100	78	78	86			822
VIC	9	17	22	12	27	17	20	18	22	20			184
QLD	17	19	21	13	18	18	17	17	9	19			168
SA	9	15	4	6	13	4	13	10	7	16			97
WA	11	21	24	16	30	19	34	37	18	31			241
TAS	1	1	0	0	0	4	0	0	1	0			7
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	1	0	1	0	1			3
AUSTRALIA	98	160	158	121	176	156	184	161	135	173			1522

Eye and Tissue Donation Registry

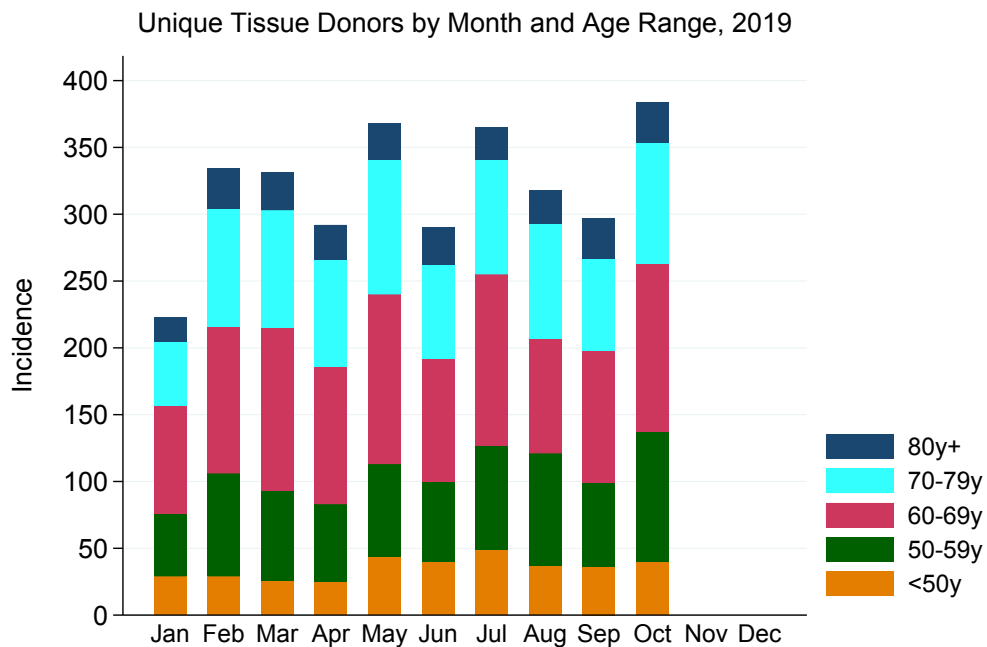


Figure 5: Unique Tissue Donors by Month and Age Range, 2019

Table 6: Unique Tissue Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	180	354	592	497	162	1785
VIC	41	72	134	77	24	348
QLD	54	98	104	17	4	277
SA	15	30	48	52	35	180
WA	58	140	195	164	41	598
TAS	2	6	1	0	0	9
NT	0	0	0	0	0	0
ACT	5	0	0	0	0	5
AUSTRALIA	355	700	1074	807	266	3202

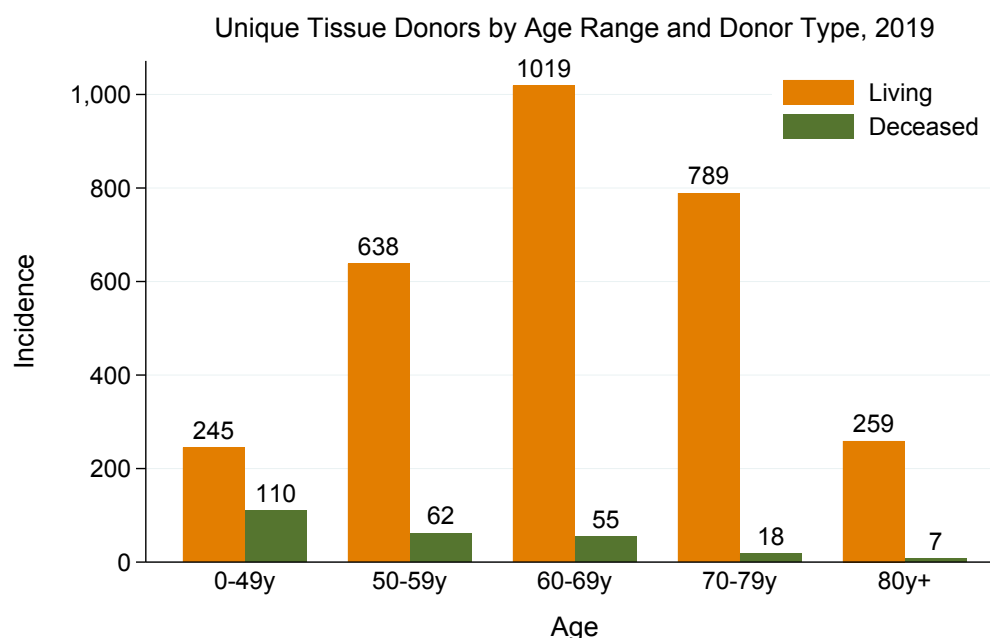


Figure 6: Unique Tissue Donors by Age Range and Donor Type, 2019

Table 7: Unique Living Tissue Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	145	339	578	490	159	1711
VIC	14	51	120	77	24	286
QLD	24	76	80	6	0	186
SA	10	29	47	52	35	173
WA	51	138	193	164	41	587
TAS	1	5	1	0	0	7
NT	0	0	0	0	0	0
ACT	0	0	0	0	0	0
AUSTRALIA	245	638	1019	789	259	2950

Table 8: Unique Deceased Tissue Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	35	15	14	7	3	74
VIC	27	21	14	0	0	62
QLD	30	22	24	11	4	91
SA	5	1	1	0	0	7
WA	7	2	2	0	0	11
TAS	1	1	0	0	0	2
NT	0	0	0	0	0	0
ACT	5	0	0	0	0	5
AUSTRALIA	110	62	55	18	7	252

Eye and Tissue Donation Registry

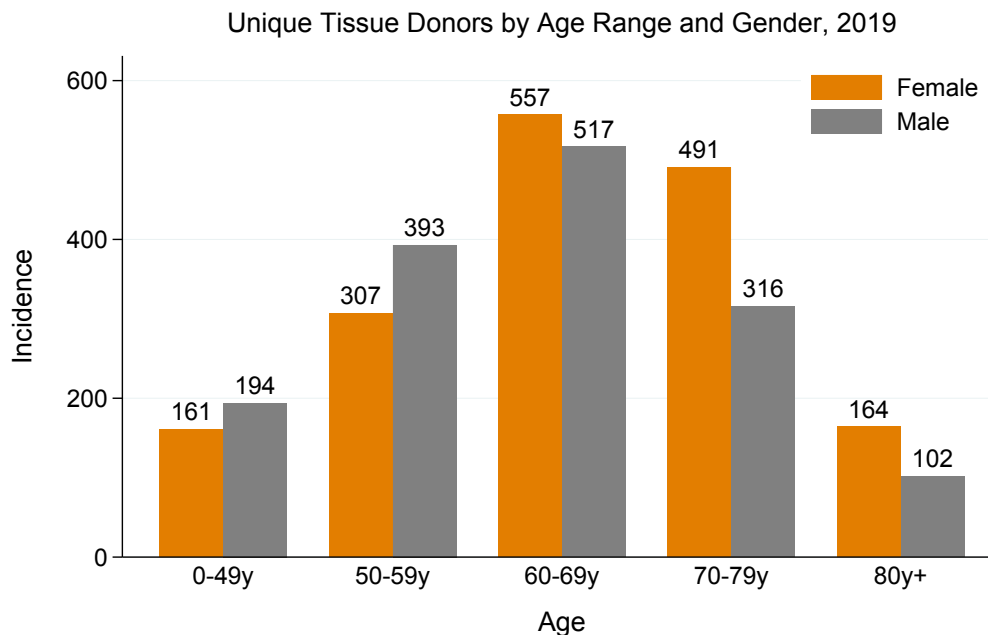


Figure 7: Unique Tissue Donors by Age Range and Gender, 2019

Table 9: Unique Female Tissue Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	94	156	303	310	100	963
VIC	19	19	69	44	13	164
QLD	14	47	42	5	1	109
SA	5	12	20	28	18	83
WA	26	72	123	104	32	357
TAS	1	1	0	0	0	2
NT	0	0	0	0	0	0
ACT	2	0	0	0	0	2
AUSTRALIA	161	307	557	491	164	1680

Table 10: Unique Male Tissue Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	86	198	289	187	62	822
VIC	22	53	65	33	11	184
QLD	40	51	62	12	3	168
SA	10	18	28	24	17	97
WA	32	68	72	60	9	241
TAS	1	5	1	0	0	7
NT	0	0	0	0	0	0
ACT	3	0	0	0	0	3
AUSTRALIA	194	393	517	316	102	1522

3.2 Eye Donors

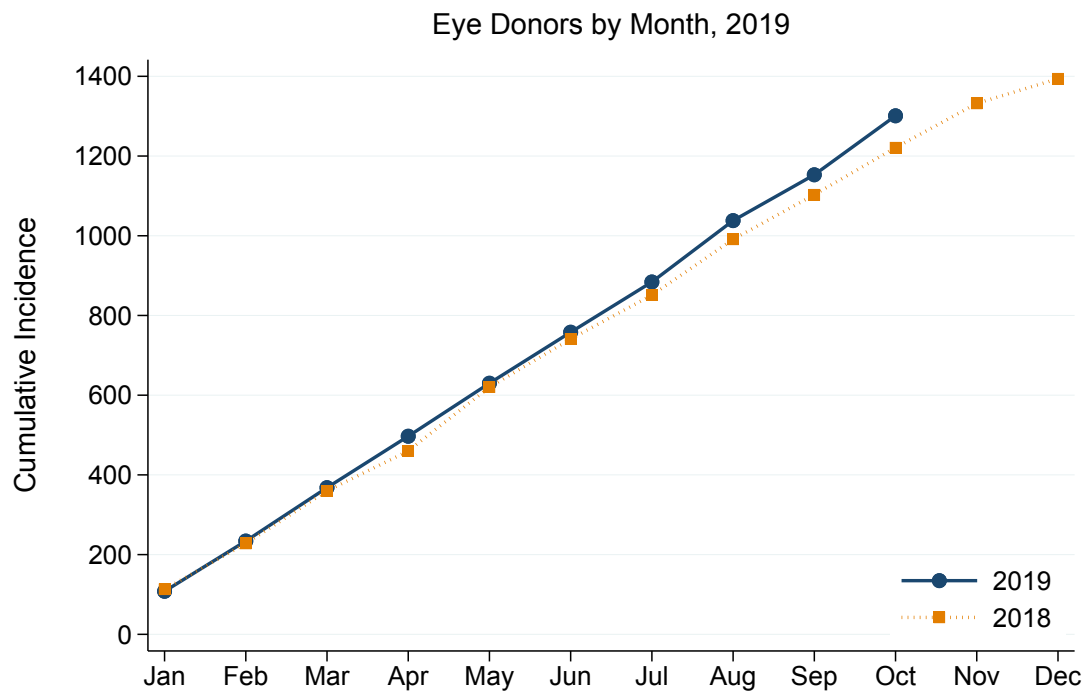


Figure 8: Eye Donors by Month, 2019

Eye and Tissue Donation Registry

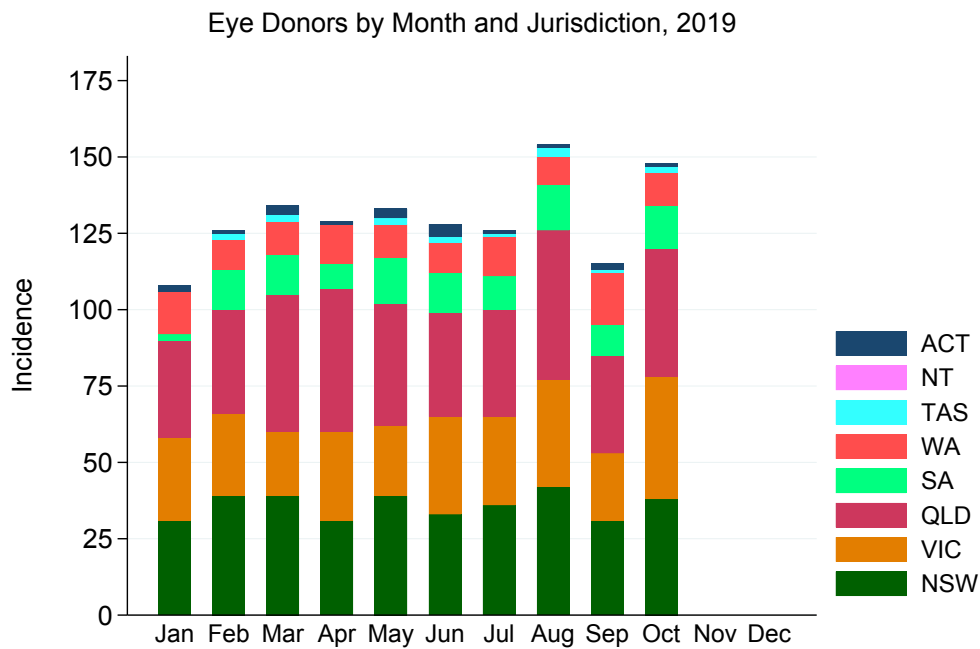


Figure 9: Eye Donors by Month and Jurisdiction, 2019

Table 11: Eye Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	31	39	39	31	39	33	36	42	31	38			359
VIC	27	27	21	29	23	32	29	35	22	40			285
QLD	32	34	45	47	40	34	35	49	32	42			390
SA	2	13	13	8	15	13	11	15	10	14			114
WA	14	10	11	13	11	10	13	9	17	11			119
TAS	0	2	2	0	2	2	1	3	1	2			15
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	2	1	3	1	3	4	1	1	2	1			19
AUSTRALIA	108	126	134	129	133	128	126	154	115	148			1301

Eye and Tissue Donation Registry

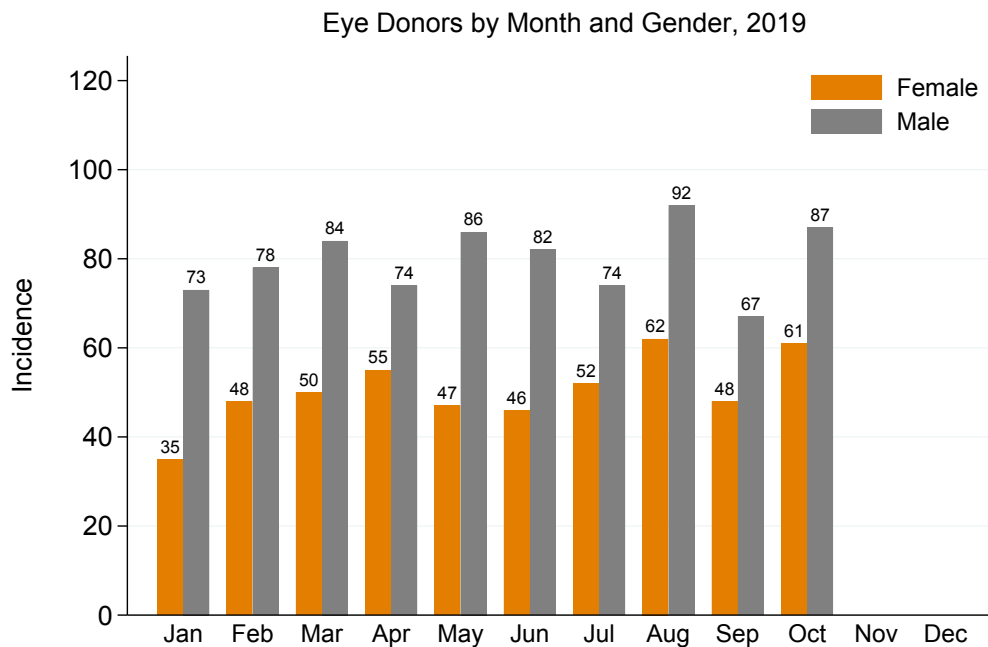


Figure 10: Eye Donors by Month and Gender, 2019

Table 12: Female Eye Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	8	17	14	13	17	10	15	20	10	13			137
VIC	9	9	7	15	10	12	13	10	10	17			112
QLD	15	13	16	18	14	12	12	22	15	22			159
SA	2	6	7	5	5	6	5	5	4	4			49
WA	0	3	3	4	1	4	6	3	8	3			35
TAS	0	0	1	0	0	1	0	2	1	1			6
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	1	0	2	0	0	1	1	0	0	1			6
AUSTRALIA	35	48	50	55	47	46	52	62	48	61			504

Table 13: Male Eye Donors by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	23	22	25	18	22	23	21	22	21	25			222
VIC	18	18	14	14	13	20	16	25	12	23			173
QLD	17	21	29	29	26	22	23	27	17	20			231
SA	0	7	6	3	10	7	6	10	6	10			65
WA	14	7	8	9	10	6	7	6	9	8			84
TAS	0	2	1	0	2	1	1	1	0	1			9
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	1	1	1	1	3	3	0	1	2	0			13
AUSTRALIA	73	78	84	74	86	82	74	92	67	87			797

Eye and Tissue Donation Registry

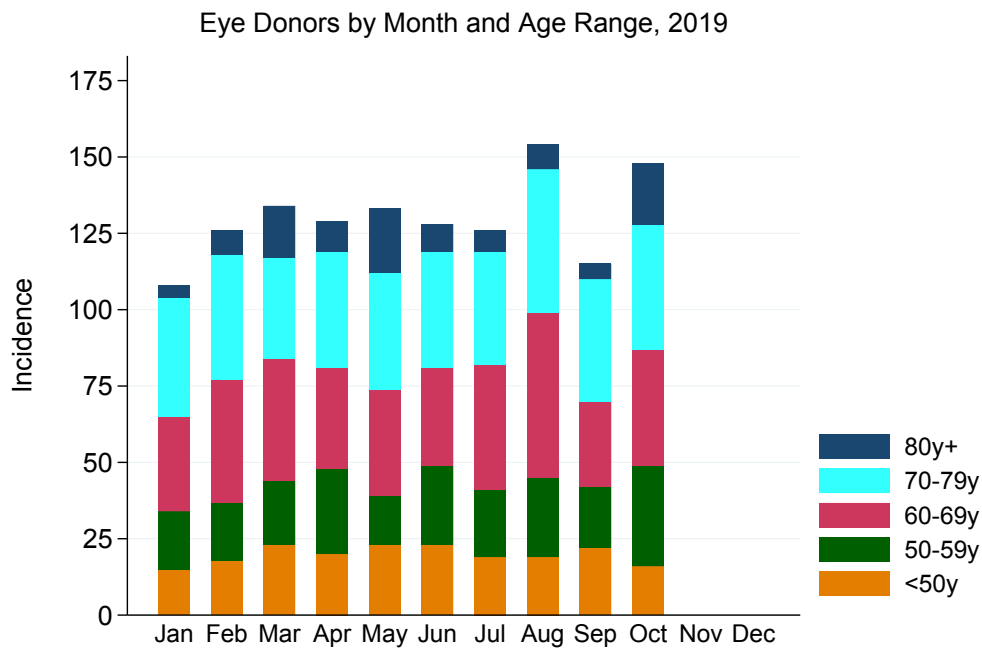


Figure 11: Eye Donors by Month and Age Range, 2019

Table 14: Eye Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	50	45	91	114	59	359
VIC	56	50	80	90	9	285
QLD	46	69	105	135	35	390
SA	18	24	42	26	4	114
WA	25	34	43	17	0	119
TAS	2	5	6	2	0	15
NT	0	0	0	0	0	0
ACT	1	3	5	8	2	19
AUSTRALIA	198	230	372	392	109	1301

Eye and Tissue Donation Registry

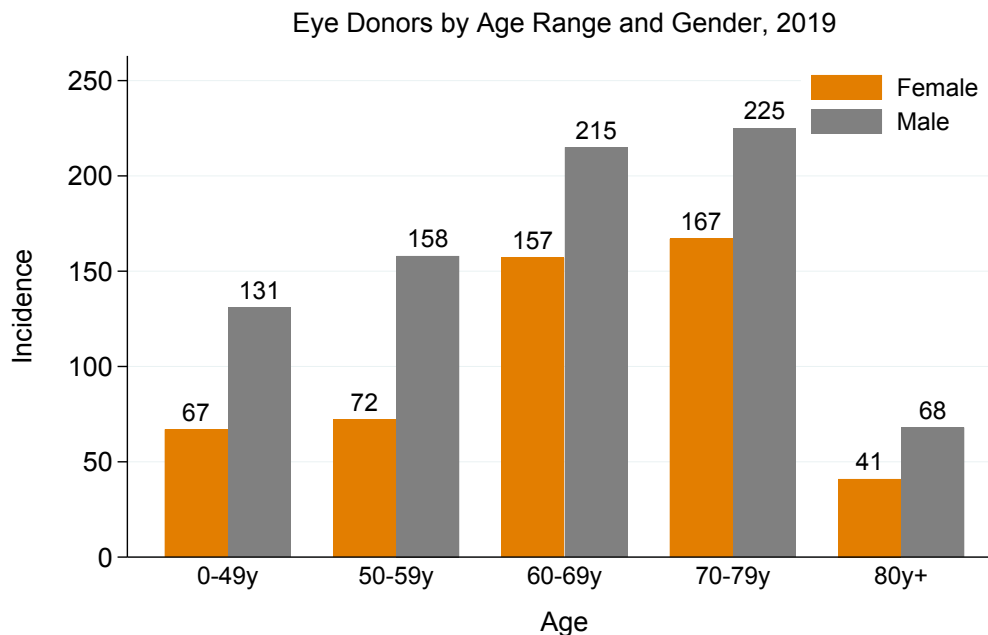


Figure 12: Eye Donors by Age Range and Gender, 2019

Table 15: Female Eye Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	15	14	39	48	21	137
VIC	20	16	38	33	5	112
QLD	17	24	39	66	13	159
SA	7	6	23	11	2	49
WA	6	7	15	7	0	35
TAS	1	3	2	0	0	6
NT	0	0	0	0	0	0
ACT	1	2	1	2	0	6
AUSTRALIA	67	72	157	167	41	504

Table 16: Male Eye Donors by Jurisdiction of Retrieval and Age Range, 2019

	<50y	50-59y	60-69y	70-79y	80y+	Total
NSW	35	31	52	66	38	222
VIC	36	34	42	57	4	173
QLD	29	45	66	69	22	231
SA	11	18	19	15	2	65
WA	19	27	28	10	0	84
TAS	1	2	4	2	0	9
NT	0	0	0	0	0	0
ACT	0	1	4	6	2	13
AUSTRALIA	131	158	215	225	68	797

Eye and Tissue Donation Registry

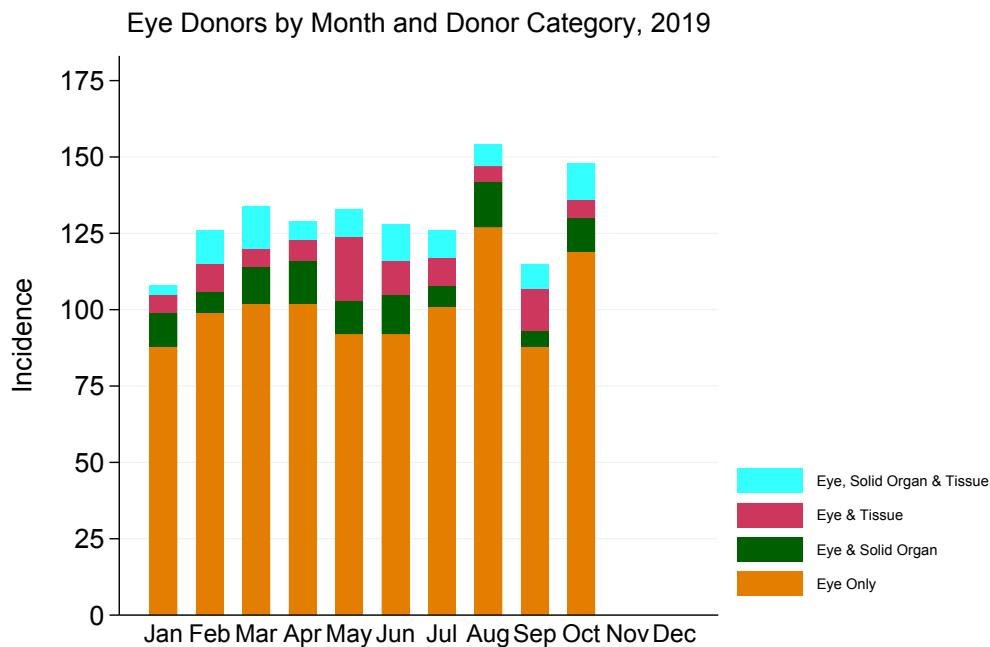


Figure 13: Eye Donors by Month and Donor Category, 2019

Table 17: Eye Donors by Jurisdiction of Retrieval and Donor Category, 2019

	Eye Only	Eye and Solid Organ	Eye and Tissue	Eye, Solid Organ and Tissue
NSW	288	18	23	30
VIC	195	42	28	20
QLD	311	10	39	30
SA	90	19	0	5
WA	99	11	4	5
TAS	9	6	0	0
ACT	18	0	0	1
AUSTRALIA	1010	106	94	91

4 Tissue Donations

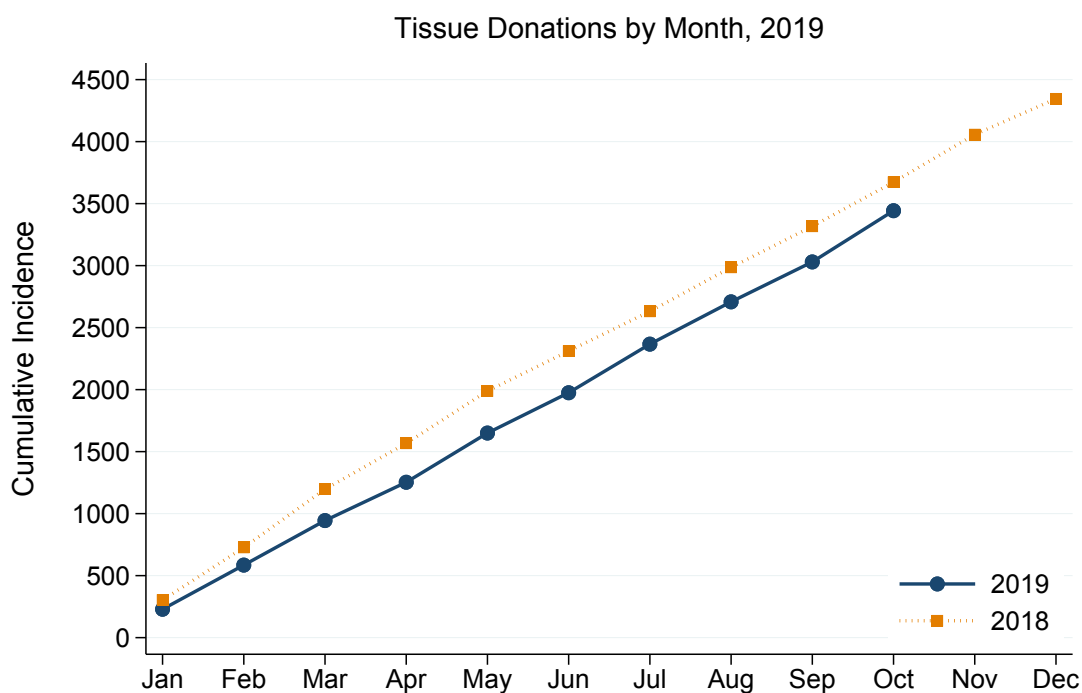


Figure 14: Tissue Donations by Month, 2019

Eye and Tissue Donation Registry

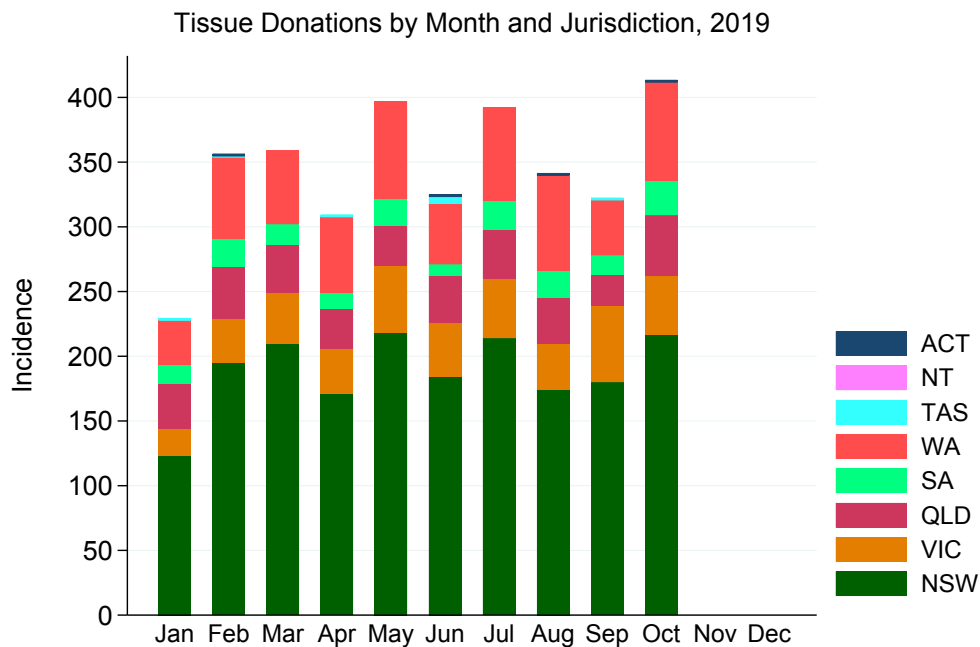


Figure 15: Tissue Donations by Month and Jurisdiction, 2019

Table 18: Tissue Donations by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	123	195	210	171	218	184	214	174	180	217			1886
VIC	21	34	39	35	52	42	46	36	59	45			409
QLD	35	40	37	31	31	36	38	35	24	47			354
SA	15	22	16	12	21	9	22	21	15	27			180
WA	34	63	57	59	75	47	72	74	43	76			600
TAS	1	1	0	1	0	5	0	0	1	0			9
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	2	0	1	0	1			5
AUSTRALIA	229	356	359	309	397	325	392	341	322	413			3443

Eye and Tissue Donation Registry

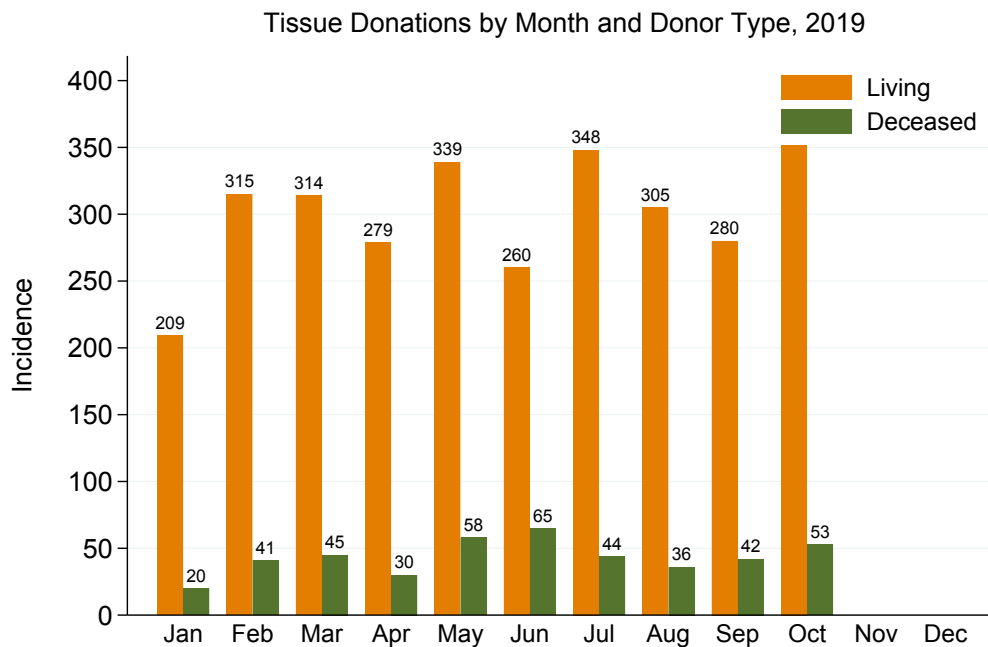


Figure 16: Tissue Donations by Month and Donor Type, 2019

Table 19: Living Tissue Donations by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	120	180	193	157	197	163	199	168	168	213			1758
VIC	15	29	26	30	33	29	36	24	43	21			286
QLD	26	23	25	23	16	8	20	19	12	24			196
SA	15	20	14	12	20	9	22	20	15	26			173
WA	33	62	56	57	73	46	71	74	41	76			589
TAS	0	1	0	0	0	5	0	0	1	0			7
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	0	0	0	0	0			0
AUSTRALIA	209	315	314	279	339	260	348	305	280	360			3009

Eye and Tissue Donation Registry

Table 20: Living Tissue Donations by Jurisdiction of Retrieval and Tissue Type, 2019

	Amnion	Cardiovascular	Musculoskeletal
NSW	31	12	1715
VIC	0	1	285
QLD	0	0	196
SA	0	0	173
WA	0	0	589
TAS	0	0	7
NT	0	0	0
ACT	0	0	0
AUSTRALIA	31	13	2965

Table 21: Deceased Tissue Donations by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	3	15	17	14	21	21	15	6	12	4			128
VIC	6	5	13	5	19	13	10	12	16	24			123
QLD	9	17	12	8	15	28	18	16	12	23			158
SA	0	2	2	0	1	0	0	1	0	1			7
WA	1	1	1	2	2	1	1	0	2	0			11
TAS	1	0	0	1	0	0	0	0	0	0			2
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	2	0	1	0	1			5
AUSTRALIA	20	41	45	30	58	65	44	36	42	53			434

Table 22: Deceased Tissue Donations by Jurisdiction of Retrieval and Donor Category, 2019

	Solid Organ/Tissue				Tissue Only				Total			
	cv	ms	skin	pi	cv	ms	skin	pi	cv	ms	skin	pi
NSW	31	30	25	7	1	24	10	0	32	54	35	7
VIC	15	19	19	3	18	25	24	0	33	44	43	3
QLD	20	28	26	1	1	42	40	0	21	70	66	1
SA	5	0	0	2	0	0	0	0	5	0	0	2
WA	0	5	0	0	0	6	0	0	0	11	0	0
TAS	1	0	0	1	0	0	0	0	1	0	0	1
NT	0	0	0	0	0	0	0	0	0	0	0	0
ACT	3	2	0	0	0	0	0	0	3	2	0	0
AUSTRALIA	75	84	70	14	20	97	74	0	95	181	144	14

Eye and Tissue Donation Registry

Table 23: Intended Solid Organ Donor Who Became Eyes and Tissue Donors, 2019

	Eye Only	Tissue Only	Eye and Tissue
NSW	3	1	5
VIC	20	2	10
QLD	10	0	6
SA	6	0	0
WA	5	0	0
TAS	1	0	0
NT	0	0	0
ACT	0	0	0
AUSTRALIA	45	3	21

Eye and Tissue Donation Registry

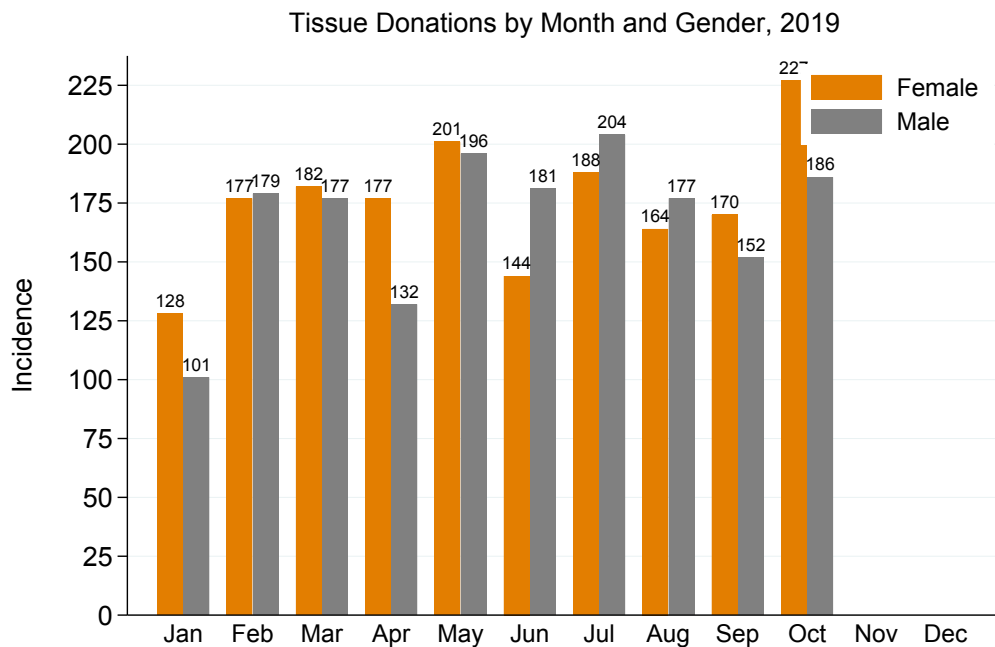


Figure 17: Tissue Donations by Month and Gender, 2019

Table 24: Female Tissue Donations by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	72	98	111	91	120	82	105	88	95	127			989
VIC	11	14	12	21	20	19	25	13	30	19			184
QLD	16	15	14	15	8	8	12	15	12	25			140
SA	6	7	12	6	8	5	9	11	8	11			83
WA	23	42	33	43	45	28	37	37	25	45			358
TAS	0	0	0	1	0	1	0	0	0	0			2
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	1	0	0	0	1	0	0	0	0			2
AUSTRALIA	128	177	182	177	201	144	188	164	170	227			1758

Table 25: Male Tissue Donations by Jurisdiction of Retrieval and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	51	97	99	80	98	102	109	86	85	90			897
VIC	10	20	27	14	32	23	21	23	29	26			225
QLD	19	25	23	16	23	28	26	20	12	22			214
SA	9	15	4	6	13	4	13	10	7	16			97
WA	11	21	24	16	30	19	35	37	18	31			242
TAS	1	1	0	0	0	4	0	0	1	0			7
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	1	0	1	0	1			3
AUSTRALIA	101	179	177	132	196	181	204	177	152	186			1685

5 Notified Tissue Grafts Implanted

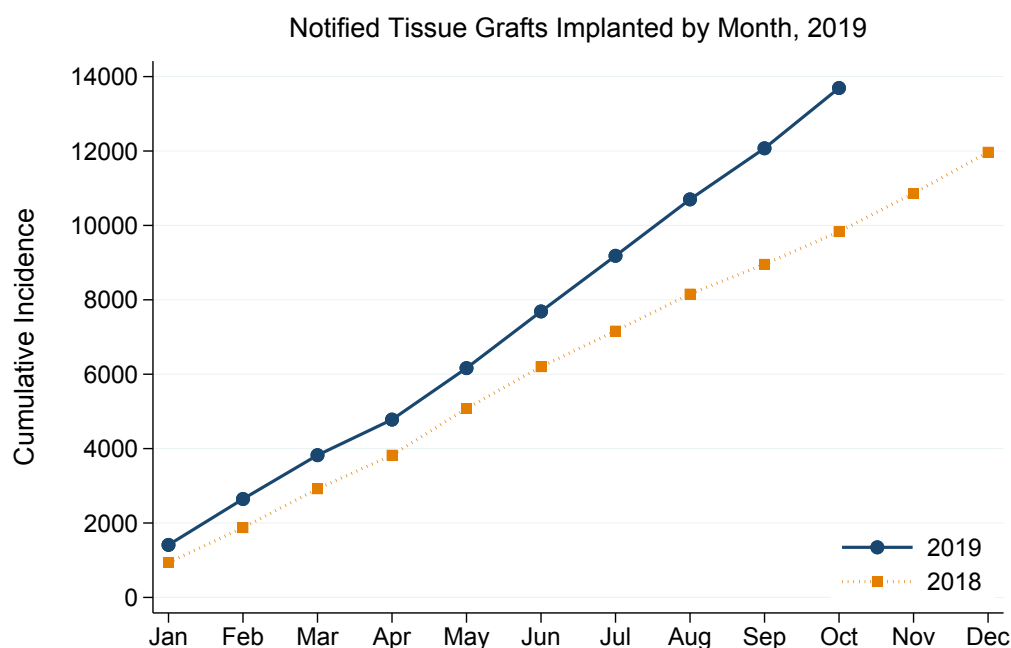


Figure 18: Notified Tissue Grafts Implanted by Month, 2019

Table 26: Notified Tissue Grafts Implanted by Jurisdiction of Retrieving Bank and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	554	638	800	609	940	946	1018	1128	1087	1251			8971
VIC	100	155	146	49	193	220	47	97	37	49			1093
QLD	689	365	169	218	142	293	349	214	172	240			2851
SA	4	15	3	3	8	4	5	1	4	7			54
WA	65	60	61	77	101	61	76	77	73	74			725
TAS	0	0	0	0	0	0	0	0	0	0			0
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	0	0	0	0	0			0
AUSTRALIA	1412	1233	1179	956	1384	1524	1495	1517	1373	1621			13694

Eye and Tissue Donation Registry

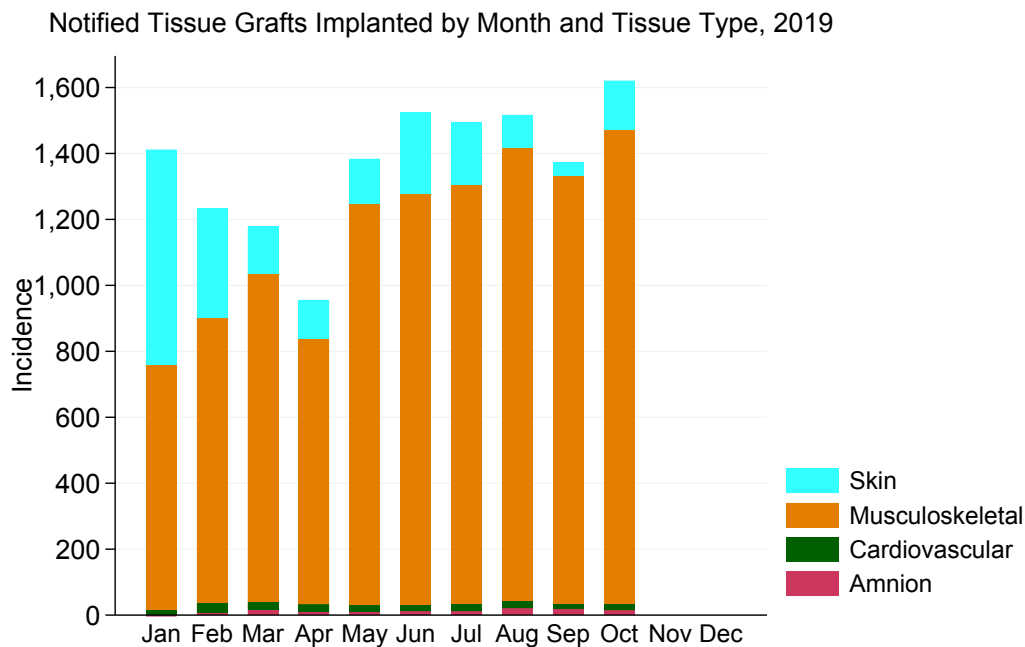


Figure 19: Notified Tissue Grafts Implanted by Month and Tissue Type, 2019

Table 27: Notified Tissue Grafts Implanted by Jurisdiction of Retrieving Bank and Tissue Type, 2019

	Amnion	Cardiovascular	Musculoskeletal	Skin
NSW	128	171	8597	75
VIC	0	40	407	646
QLD	0	0	1469	1382
SA	0	0	54	0
WA	0	0	725	0
ACT	0	0	0	0
AUSTRALIA	128	211	11252	2103

Eye and Tissue Donation Registry

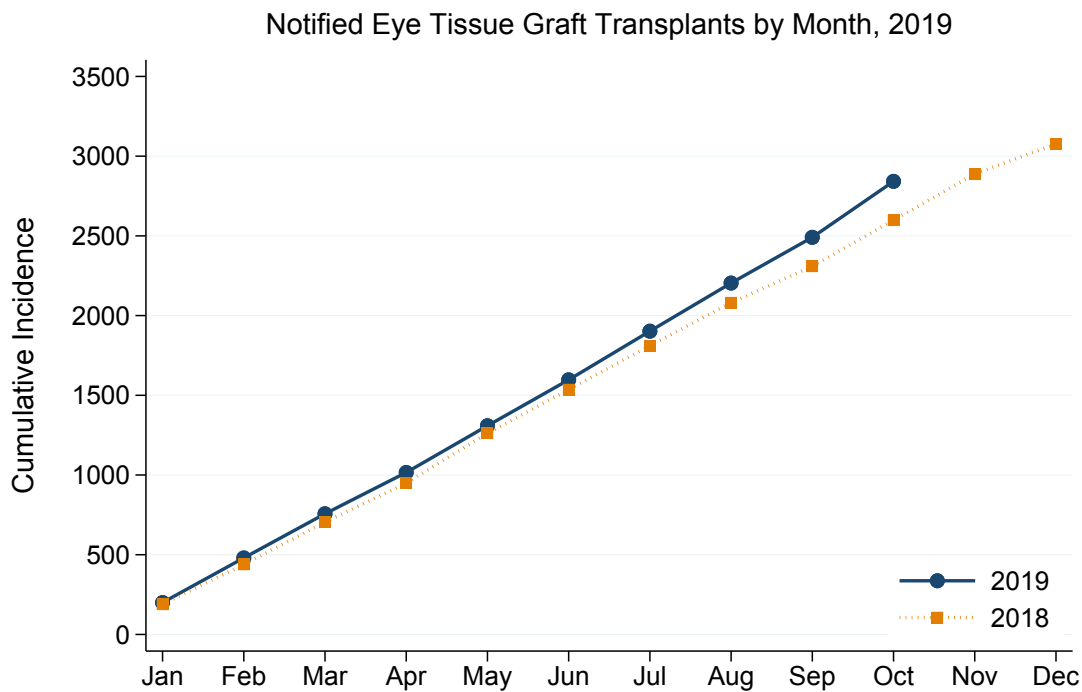


Figure 20: Notified Eye Tissue Graft Transplants by Month, 2019

Table 28: Notified Eye Tissue Graft Transplants by Jurisdiction of Retrieving Bank and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	63	93	82	84	92	84	85	91	86	103			863
VIC	51	60	55	58	65	51	67	57	55	65			584
QLD	46	66	70	72	78	83	91	83	89	94			772
SA	6	31	28	11	17	30	18	28	20	34			223
WA	28	26	36	27	34	32	34	36	30	45			328
TAS	3	2	5	2	5	8	6	5	6	8			50
NT	0	0	1	0	0	0	3	0	0	0			4
ACT	3	2	0	5	2	0	1	2	1	2			18
AUSTRALIA	200	280	277	259	293	288	305	302	287	351			2842

Eye and Tissue Donation Registry

Table 29: Cornea Graft Transplants by Jurisdiction of Retrieving Bank and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	46	60	56	59	75	65	67	61	62	75			626
VIC	35	38	40	38	37	27	49	36	45	43			388
QLD	45	56	59	57	65	62	73	63	68	70			618
SA	3	21	21	10	15	20	12	21	15	21			159
WA	22	17	23	14	23	20	28	18	17	30			212
TAS	2	1	4	0	2	7	5	3	3	5			32
NT	0	0	1	0	0	0	0	0	0	0			1
ACT	2	2	0	2	1	0	1	1	0	2			11
AUSTRALIA	155	195	204	180	218	201	235	203	210	246			2047

Table 30: Sclera Unit Graft Transplants by Jurisdiction of Retrieving Bank and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	17	33	26	25	17	19	18	30	24	28			237
VIC	16	22	15	20	28	24	18	21	10	22			196
QLD	1	10	11	15	13	21	18	20	21	24			154
SA	3	10	7	1	2	10	6	7	5	13			64
WA	6	9	13	13	11	12	6	18	13	15			116
TAS	1	1	1	2	3	1	1	2	3	3			18
NT	0	0	0	0	0	0	3	0	0	0			3
ACT	1	0	0	3	1	0	0	1	1	0			7
AUSTRALIA	45	85	73	79	75	87	70	99	77	105			795

6 Notified Tissue Graft Recipients

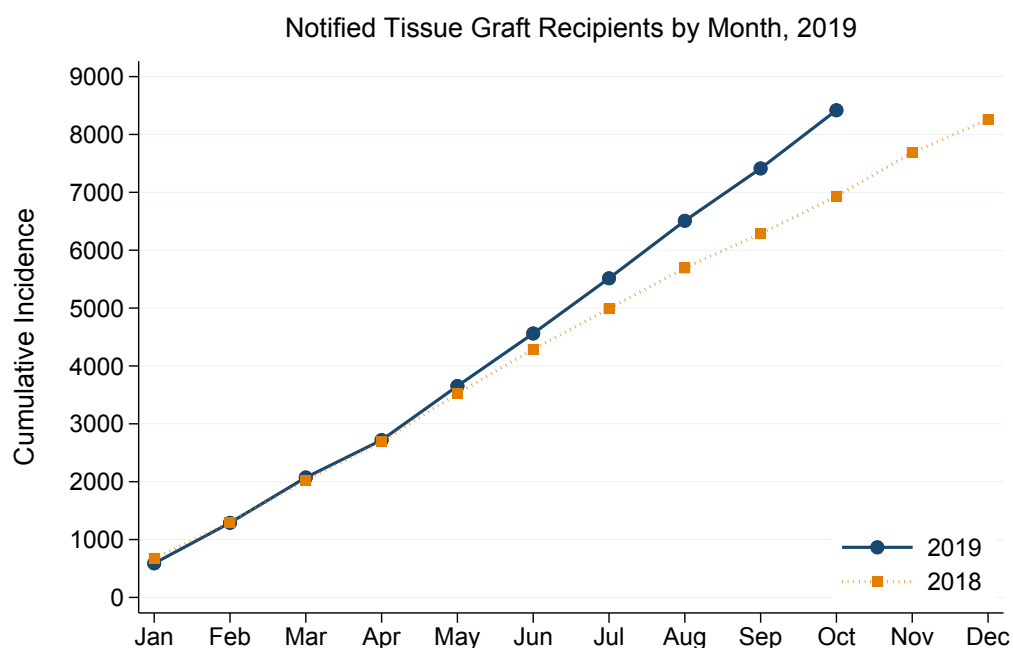


Figure 21: Notified Tissue Graft Recipients by Month, 2019

Table 31: Notified Tissue Graft Recipients by Jurisdiction of Retrieving Bank and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	415	471	588	469	691	645	739	785	730	800			6333
VIC	39	57	37	42	64	58	43	39	32	39			450
QLD	93	131	129	93	110	168	128	128	100	117			1197
SA	3	7	2	2	4	2	5	1	4	6			36
WA	39	34	27	41	65	35	39	40	39	44			403
TAS	0	0	0	0	0	0	0	0	0	0			0
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	0	0	0	0	0			0
AUSTRALIA	589	700	783	647	934	908	954	993	905	1006			8419

Eye and Tissue Donation Registry

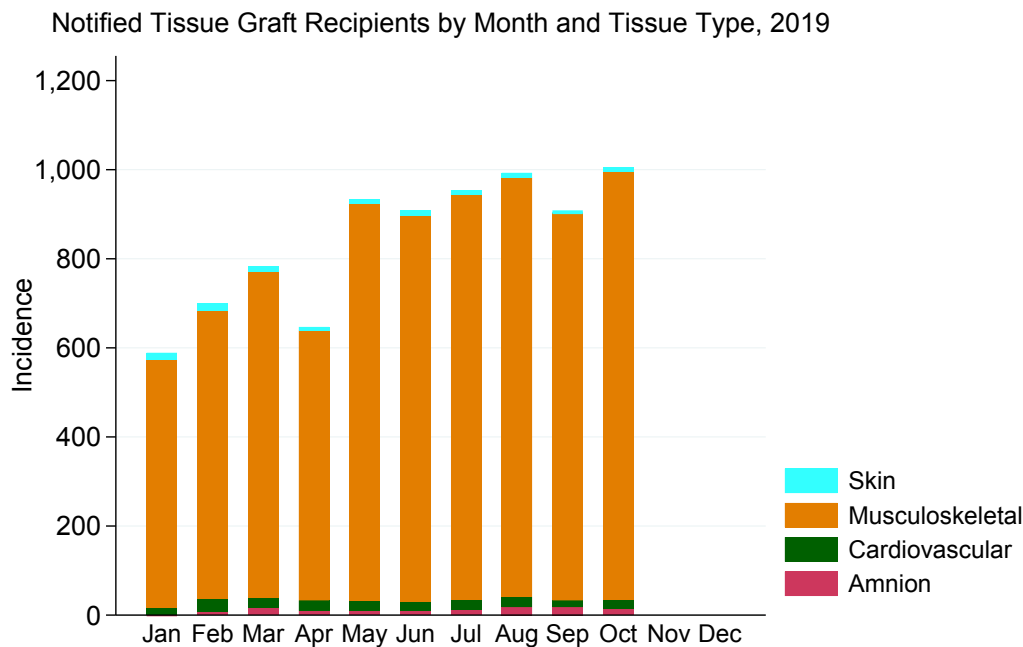


Figure 22: Notified Tissue Graft Recipients by Month and Tissue Type, 2019

Table 32: Notified Tissue Graft Recipients by Jurisdiction of Retrieving Bank and Tissue Type, 2019

	Amnion	Cardiovascular	Musculoskeletal	Skin
NSW	120	170	6039	4
VIC	0	40	366	44
QLD	0	0	1141	56
SA	0	0	36	0
WA	0	0	403	0
ACT	0	0	0	0
AUSTRALIA	120	210	7985	104

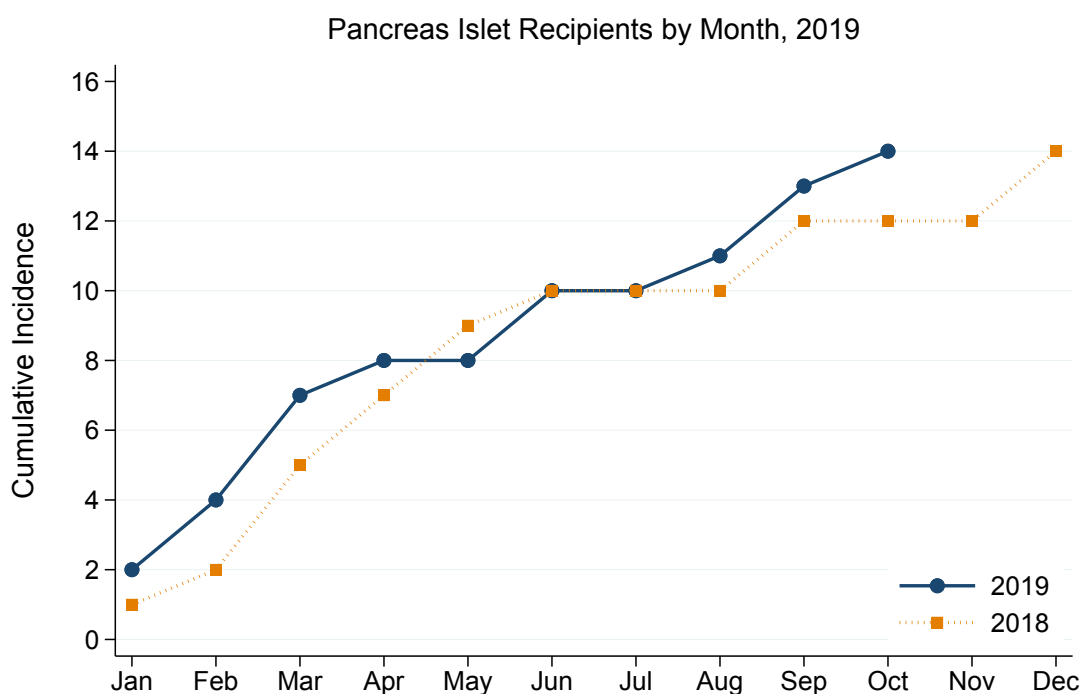


Figure 23: Pancreas Islet Recipients by Month, 2019

Table 33: Pancreas Islet Graft Recipients by Transplant Jurisdiction and Month, 2019

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	2	1	1	0	0	1	0	1	2	0			8
VIC	0	0	2	0	0	1	0	0	0	1			4
QLD	0	0	0	0	0	0	0	0	0	0			0
SA	0	1	0	1	0	0	0	0	0	0			2
WA	0	0	0	0	0	0	0	0	0	0			0
TAS	0	0	0	0	0	0	0	0	0	0			0
NT	0	0	0	0	0	0	0	0	0	0			0
ACT	0	0	0	0	0	0	0	0	0	0			0
AUSTRALIA	2	2	3	1	0	2	0	1	2	1			14

7 Glossary and Definitions

- 1 *Amnion (am)* – is the innemost layer of the embryonic membranes.
- 2 *Cardiovascular tissue (cv)* – includes, but not limited to, heart valves, pericardium and annexed vessels.
- 3 *Cornea* – The cornea is the transparent anterior tissue of the eyeball consisting of many layers.
- 4 *Deceased solid organ and tissue donation* – identifies a donation event where one or more solid organs and tissues are retrieved from a deceased donor. Data has been crosschecked with the solid organ and tissue sector to ensure the donor has met the deceased solid organ and tissue donation criteria.
- 5 *Deceased tissue donation* – identifies a donation event where one or more tissues are retrieved from a deceased donor and can comprise of musculoskeletal, cardiovascular, skin or eye tissue.
- 6 *Donation event*
 - A single retrieval event, within a calendar day, where a living donor can donate one or more musculoskeletal, cardiovascular, or amnion tissues.
 - Retrieval from deceased donors of solid organ, tissue and/or eyes that may occur on differing days but after the donor declaration of death date.
- 7 *Eye only donor* – A deceased donor where eye only retrieval has taken place. A donor is counted as an eye only donor if 2 whole eyes, 2 corneas only, one eye or one cornea only is retrieved. Outcomes of donated eye tissue are not limited to transplantation.
- 8 *Eye and solid organ (and tissue) donor* – A deceased donor where eye and solid organ retrieval has taken place. These donors may or may not have donated an additional tissue(s) e.g. musculoskeletal, cardiovascular or skin. Data has been crosschecked with the solid organ and tissue sector to confirm the donation event and donor classification.
- 9 *Eye and tissue only donor* – A deceased donor where eye and an additional tissue(s) e.g. musculoskeletal, cardiovascular or skin has taken place. Data has been crosschecked with the tissue sector to confirm the donation event and donor classification.
- 10 *Eye tissue donation* – Unless otherwise specified all donors undergo retrieval of both whole eyes or both corneas. This means the number of eye tissue donations can be calculated by doubling the amount of total eye donors.
- 11 *Eye tissue graft transplants* – Corneal or scleral tissue transplanted into an eye tissue recipient within the reporting time period.
- 12 *Eye tissue recipient* – Unless otherwise specified the number of eye tissue recipients is equal to the number of eye tissue graft transplants (consistent with EBAANZ).
- 13 *Living tissue donation* – identifies a donation event where one or more tissues are retrieved from a living donor. Living tissue can be amnion, cardiovascular, but is vastly comprised of donated femoral heads (bone) retrieved during hip replacement surgery. A living musculoskeletal donor can donate one femoral head during one donation event, two femoral heads during one donation event or one femoral head during two separate donation events.
- 14 *Musculoskeletal tissue (ms)* – includes, but not limited to, bone, cartilage and tendon retrieved from areas such as the pelvis, arm and leg.

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- 15 *Notified tissue graft implants* – Number of tissue grafts supplied and confirmed by the hospital to the distributing tissue bank to have been implanted. One tissue graft recipient may receive multiple graft implants.
- 16 *Notified tissue graft recipients* – The number of tissue graft recipients, confirmed by the hospital to the distributing bank, who receive one or more graft implants during a single tissue transplant event.
- 17 *Pancreas islet (pi)* – A multicellular structure within the pancreas that maintains normal blood glucose level within the body.
- 18 *Sclera unit* – A unit of the protective outer layer of the eyeball, used for transplantation during ocular surgery.
- 19 *Skin tissue (sk)* – includes, but not limited to, split thickness skin (epidermis and upper part of the dermis), of varying size.
- 20 *Tissue transplant event*
 - A single tissue transplant event occurs when a tissue graft recipient receives 1 or more tissue grafts on a single occasion. This will be counted as one tissue graft recipient, one tissue transplant event.
 - If a tissue graft recipient receives 1 or more tissue grafts during multiple tissue transplant events, this will be counted as one tissue graft recipient *for each tissue transplant event*.
- 21 *Unique donor* – A deceased or living donor who donates one or more tissue(s) during a single donation event.

8 Contributors

NSW:

- Australian Tissue Donation Network
- Hunter New England Bone Bank
- Lions NSW Eye Bank
- NSW Bone Bank
- Rachel Forster Bone Bank
- Sydney Heart Valve Bank

VIC:

- Barwon Health Bone Bank
- Donor Tissue Bank of Victoria
- Lions Eye Donation Service

QLD:

- QLD Eye Bank
- QLD Bone Bank
- QLD Heart Valve Bank

SA:

- Eye Bank of SA
- SA Tissue Bank

WA:

- Lions Eye Bank WA
- PlusLife (Perth Bone and Tissue Bank)

ACT:

- DonateLife ACT

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