

# Monthly Report on Living Kidney Donation in Australia

March 2021

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# Living Kidney Donor Registry in conjunction with the ANZDATA Registry



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Transplanting Hospitals for Australian Donors reporting in 2021



### **Explanatory Notes**

#### Definitions

Donor – A human being, living or deceased, who is a source of cells, tissues or organs for the purpose of transplantation.

Living Kidney Donor – A living human being from whom a kidney has been removed for the purpose of transplantation. A Living Kidney Donor has one of the following three possible relationships with the recipient:

1. Related:

- (a) Genetically Related:
  - i. 1st Degree Genetic Relative: Parent, Sibling, Offspring
  - ii. 2nd Degree genetic relative, e.g. grandparent, grandchild, aunt, uncle, niece, nephew
  - iii. Other than 1st or 2nd degree genetically related, for example cousin
- (b) Emotionally Related: Spouse (if not genetically related); in-laws; Adopted; Friend
- 2. Unrelated = Non Related: Not Genetically or Emotionally Related

Australian and New Zealand Paired Kidney Exchange Program (ANZKX) – This program matches incompatible kidney donors with recipient pairs with other incompatible pairs across Australia and New Zealand.

Paired Kidney Exchange Donor – A living kidney donor whom is identified as a match for patients who are eligible for a kidney transplant, and have a living donor who is willing but unable to donate because of an incompatible blood type or tissue type. This donor is willing to donate their kidney to another person.

Recipient - A consented eligible person into whom organs, retrieved for the purpose of transplantation, are received.

Transplantation – The transfer of organs or tissue from donor to recipient with the aim of restoring body function(s) of the receipient.

#### Notes

For the purpose of this report data representing Living Kidney Donors are defined in the definition oulined above.

All tables are presented by state/territory of donation, unless otherwise specified.

This report supercedes previous monthly report and as data reported is subject to revision it may change in subsequent reporting.



#### Summary of Australian Living Kidney Donation Living Kidney Donors per Month Australia 400-350 Cumulative Incidence 300 250 200 2021 150 2020 2019 100 2018 50 2017 2016 0 Mar Apr May Jun Feb Jul Aug Sep Oct Nov Dec Jan Living Kidney Donors per Month Australia 40 Actual number 3 month moving average' 30 Donor Number 20 10 0 Sep-19 -Oct-19 -Nov-19 -Dec-19 -Jan-20 · Feb-20 · Mar-20 · Apr-20 · Vlay-20 · Jun-20 · Jan-18 -Feb-18 -Mar-18 -Apr-18 -1ay-18 -Jul-18 -- 18 - Ja Vov-18 -Jul-19 -20 Oct-18 Dec-18 Jan-19 -eb-19 Jar-19 1ay-19 Aug-19 Jul-20 Aug-20 Sep-20 Oct-20 Vov-20 Dec-20 20 6 Apr-19 Jar-21 Jan-21 Feb-21 -unf \*The average is calculated from the number of living kidney donors in the current month, previous month and next month; except for the most recent month which is calculated from the previous and current months. ~



l Australian Living K	lidn	ey :	Don	ors	by I	Done	or .	Juri	isdic	tior	n				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	No	ov 1	Dec	Total	
NSW	3	6	6											15	
VIC	5	8	2											15	
QLD	0	2	4											6	
SA	1	4	1											6	
WA	2	1	0											3	
TAS	0	0	0											0	
$\mathbf{NT}$	0	0	0											0	
ACT	0	0	0											0	
AUSTRALIA	11	<b>21</b>	13											45	-
															- 7

#### Australian Genetically-Related Donors by Donor Jurisdiction

Genetically-related donors includes all degrees of genetically related donors such as siblings, parents, children etc.

	Ian	Feb	Mar	$\Delta \mathbf{pr}$	May	Iun	Inl	Δ 110	Sen	Oct	Nov	Dec	Tota
	Jan			лрі	Way	Jun	Jui	Aug	peh	Oct	1101	Dec	1014
NSW	0	3	6				~						9
VIC	2	4	1										<b>7</b>
QLD	0	1	0										1
SA	0	3	1										<b>4</b>
WA	1	1	0										<b>2</b>
TAS	0	0	0										0
NT	0	0	0										0
ACT	0	0	0										0
AUSTRALIA	3	12	8										23

#### Australian Emotionally-Related Donors by Donor Jurisdiction

Emotionally-related donors includes donors who have an emotional or social attachment to the recipient, but are not genetically related. This includes spouses and friends. Donors for the Australian and New Zealand Paired Kidney Exchange Program are also unrelated genetically, but are listed separately.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	$\operatorname{Sep}$	Oct	Nov	$\operatorname{Dec}$	Total
NSW	1	1	0										<b>2</b>
VIC	0	4	1										5
QLD	0	1	4										<b>5</b>
SA	1	0	0										1
WA	0	0	0										0
TAS	0	0	0										0
NT	0	0	0										0
ACT	0	0	0										0
AUSTRALIA	2	6	<b>5</b>										13



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
NSW	2	2	0										4	
VIC	3	0	0										3	
QLD	0	0	0										0	
SA	0	1	0										1	
WA	1	0	0										1	
TAS	0	0	0										0	
NT	0	0	0										0	
ACT	0	0	0										0	
AUSTRALIA	6	3	0										9	

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#### Australian Donors in the Australian and New Zealand Paired Kidney Exchange Program (ANZKX) by Donor Jurisdiction

Donors for the ANZKX Program are included in the unrelated donor numbers above.

	Jan	Feb	Mar	Apr May	7 Jun Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	2	2	0								4
VIC	3	0	0								3
QLD	0	0	0								0
SA	0	1	0								1
WA	1	0	0								1
TAS	0	0	0								0
NT	0	0	0								0
ACT	0	0	0								0
AUSTRALIA	6	3	0								9



# Transplant Recipients from Australian Living Kidney Donors

#### Recipients from Australian Donors by Jurisdiction of Donation

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	3	6	6										15
VIC	5	8	2										15
QLD	0	2	4										6
SA	1	4	1										6
WA	2	1	0										3
TAS	0	0	0										0
NT	0	0	0										0
ACT	0	0	0										0
AUSTRALIA	11	<b>21</b>	13							,			45

#### Recipients from Australian Donors by Jurisdiction of Transplantation

NEW ZEALAND	0	0	0				_						0
AUSTRALIA	11	<b>21</b>	13										45
ACT	0	0	0										0
NT	0	0	0										0
TAS	0	0	0										0
WA	2	1	0						Ζ.				3
SA	1	4	1										6
QLD	0	2	4										6
VIC	5	8	2										15
NSW	3	6	6										15
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Jan	Feb	Mar	Apr	Mav	Jun	Jul	Aug	Sep	Oct	Nov	Dee	<u> </u>



## Transplanting Hospitals for Australian Donors reporting in 2021

-	Transplanting Hospital	Jurisdiction	
	ROYAL NORTH SHORE HOSPITAL	NSW	
	STATEWIDE RENAL SERVICES	NSW	
	SYDNEY CHILDREN'S HOSPITAL	NSW	
	WESTMEAD HOSPITAL	NSW	
	ALFRED HOSPITAL	VIC	
	AUSTIN HOSPITAL	VIC	
	MONASH CHILDRENS CENTRE	VIC	
	MONASH MEDICAL CENTRE	VIC	
	THE ROYAL MELBOURNE HOSPITAL	VIC	
	QUEENSLAND KIDNEY TRANSPLANT SERVICE	QLD	
	CENTRAL NORTHERN ADELAIDE RENAL SERVICE		
	FIONA STANLEY HOSPITAL	WA	
	PERTH CHILDREN'S HOSPITAL	WA	*
	SIR CHARLES GAIRDNER HOSPITAL	WA	
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