

# Monthly Report on Living Kidney Donation in Australia

May 2023

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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 2023



### **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 2023 150 2022 2021 100 2020 50 2019 2018 0 Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Living Kidney Donors per Month Australia 30 Actual number 3 month moving average? Donor Number 20 10 0 Jan-20 Feb-20 Mar-20 Jun-20 Jun-20 Jun-20 Sep-20 Oct-20 Oct-20 Dec-21 Jan-22 Aug-21 Feb-22 Mar-22 Apr-22 lay-22 lay-23 Jun-21 Sep-21 Oct-21 Nov-21 Jun-22 Jec-22 Jan-21 Aug-22 **Jov-22** Feb-21 Apr-21 May-21 ų 5 Var-2' Ē с О \*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. ~



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	4	8	5	5	9								31
VIC	2	6	10	2	$\overline{7}$								<b>27</b>
QLD	1	5	3	0	2								11
SA	0	2	3	2	4								11
WA	4	0	3	2	0								9
TAS	0	0	0	0	0								0
NT	0	0	0	0	0								0
ACT	0	0	0	0	0								0
AUSTRALIA	11	<b>21</b>	<b>24</b>	11	22								89

#### Tot

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

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Tota
NSW	3	5	3	1	6								18
VIC	2	3	3	1	5								<b>14</b>
QLD	1	2	3	0	2								8
SA	0	2	2	1	3								8
WA	1	0	1	2	0								<b>4</b>
TAS	0	0	0	0	0								0
NT	0	0	0	0	0								0
ACT	0	0	0	0	0								0
AUSTRALIA	7	12	12	5	16								52
				R									

#### 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	0	3	1	3	3								10
VIC	0	1	2	1	2								6
QLD	0	2	0	0	0								<b>2</b>
SA	0	0	1	1	1								3
WA	2	0	0	0	0								<b>2</b>
TAS	0	0	0	0	0								0
NT	0	0	0	0	0								0
ACT	0	0	0	0	0								0
AUSTRALIA	2	6	4	<b>5</b>	6								<b>23</b>



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
NSW	1	0	1	1	0				_				3	
VIC	0	2	5	0	0								7	
QLD	0	1	0	0	0								1	
SA	0	0	0	0	0								0	
WA	1	0	2	0	0								3	
TAS	0	0	0	0	0								0	
NT	0	0	0	0	0								0	
ACT	0	0	0	0	0								0	
AUSTRALIA	<b>2</b>	3	8	1	0								14	

#### $\mathbf{A}$

#### 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	Jun Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	1	0	1	1	0							3
VIC	0	2	5	0	0							7
QLD	0	1	0	0	0							1
$\mathbf{SA}$	0	0	0	0	0							0
WA	1	0	2	0	0							3
TAS	0	0	0	0	0							0
NT	0	0	0	0	0							0
ACT	0	0	0	0	0							0
AUSTRALIA	<b>2</b>	3	8	1	0							14



## 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	4	8	5	5	9								31
VIC	2	6	10	2	7								27
QLD	1	5	3	0	2								11
SA	0	2	3	2	4								11
WA	4	0	3	2	0								9
TAS	0	0	0	0	0								0
NT	0	0	0	0	0								0
ACT	0	0	0	0	0								0
AUSTRALIA	11	<b>21</b>	<b>24</b>	11	<b>22</b>					,			89

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

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
NSW	4	8	6	4	9								31
VIC	2	6	9	3	7								<b>27</b>
QLD	1	4	3	0	2								10
SA	0	2	3	2	4								11
WA	4	0	3	2	0				7				9
TAS	0	0	0	0	0								0
NT	0	0	0	0	0								0
ACT	0	0	0	-0	0								0
AUSTRALIA	11	20	24	11	<b>22</b>								88
NEW ZEALAND	0	1	0	0	0								1
					-								



## Transplanting Hospitals for Australian Donors reporting in 2023

Transplanting Hospital	Jurisdiction	
JOHN HUNTER HOSPITAL	NSW	
ROYAL NORTH SHORE HOSPITAL	NSW	
STATEWIDE RENAL SERVICES	NSW	
SYDNEY CHILDREN'S HOSPITAL	NSW	
THE PRINCE OF WALES HOSPITAL	NSW	
WESTMEAD HOSPITAL	NSW	
AUSTIN HOSPITAL	VIC	
MONASH CHILDRENS CENTRE	VIC	
MONASH MEDICAL CENTRE	VIC	
ROYAL CHILDREN'S HOSPITAL	VIC	
ST VINCENT'S HOSPITAL MELBOURNE	VIC	
THE ROYAL MELBOURNE HOSPITAL	VIC	7
QUEENSLAND KIDNEY TRANSPLANT SERVICE	$\operatorname{QLD}$	
CENTRAL NORTHERN ADELAIDE RENAL SERVICE	$\mathbf{SA}$	
FIONA STANLEY HOSPITAL	WA	
PERTH CHILDREN'S HOSPITAL	WA	
SIR CHARLES GAIRDNER HOSPITAL	WA	
NEW ZEALAND HOSPITAL	NZ	