

Analysis of Kidney Allocation During 2012

National Organ Matching System

This is a brief analysis of the current status of the kidney transplant waiting list and kidney transplants matched by the National Organ Matching System (NOMS) from

1st January to 31st December 2012

The analysis is divided into 4 sections:

Section 1 – The Current Status of the Australian Kidney Transplant Waiting List

This section examines the patients still waiting for a kidney transplant who were listed on the NOMS.

Section 2 – Kidney Transplants During 2012

This section examines those patients who were transplanted with a kidney during 2012.

Section 3 – Interstate Exchange of Deceased Donor Kidneys in 2012

This section examines the deceased donor kidney exchanges between centres and the patients who were transplanted with exchanged kidneys.

Section 4 – Miscellaneous Reports

This section presents additional information and requested reports.

Definition

In this report the term **‘time waiting on dialysis’** is defined as the time since the ‘dialysis for matching’ date. The dialysis for matching date is either

- the time since the patient first started on dialysis or
- the time since the patient recommenced dialysis if previously transplanted or
- a putative date if the patient was entered into the ‘Ideal Trial’

Unless indicated otherwise, all data shown was obtained from the consolidated National Organ Matching System database on 1st April 2013.

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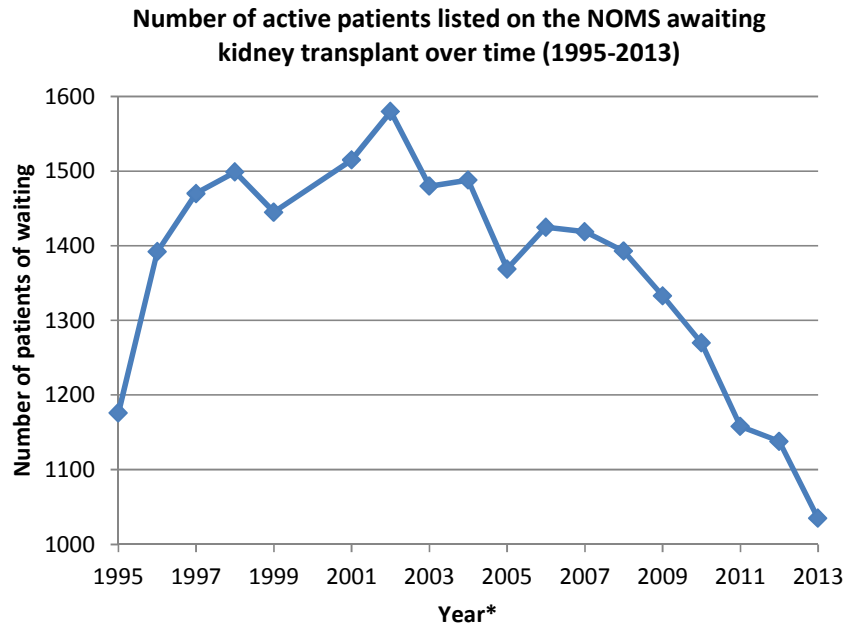
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1. THE CURRENT STATUS OF THE AUSTRALIAN KIDNEY TRANSPLANT WAITING LIST

1.1 Number of active patients awaiting kidney transplant over time (1995 – 2013)

Date	Number of patients waiting
4/1/1995	1176
2/1/1996	1392
4/2/1997	1470
9/1/1998	1499
7/1/1999	1445
7/3/2001	1515
8/1/2002	1580
6/1/2003	1480
6/1/2003	1488
15/4/2005	1369
3/4/2006	1425
16/3/2007	1419
4/4/2008	1393
31/3/2009	1333
16/4/2010	1270
8/4/2011	1158
3/4/2012	1138
1/4/2013	1035

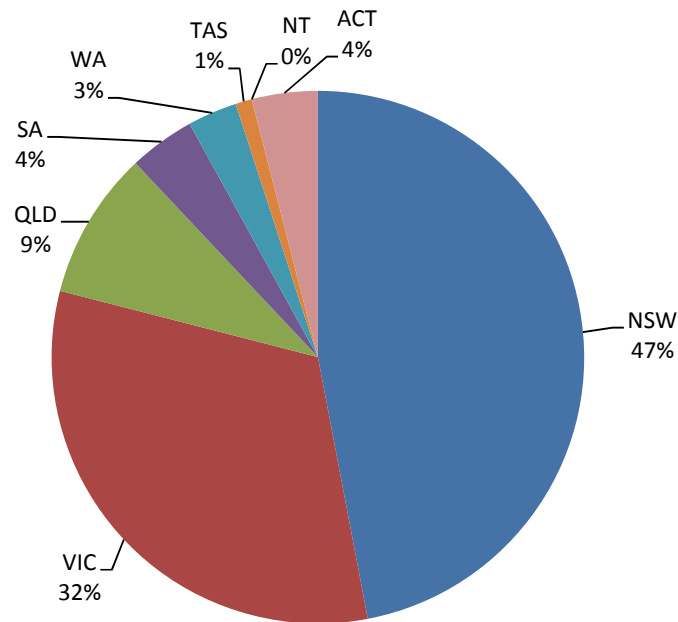


*data not available for 2000

1.2 Number of active patients awaiting kidney transplant by state or territory

State/ Territory	Number of active patients	Percentage of all patients
NSW	482	47%
VIC	333	32%
QLD	88	9%
SA	41	4%
WA	30	3%
TAS	16	1%
NT	5	0%
ACT	40	4%
ALL	1035	100%

Number of active patients awaiting kidney transplant by state or territory

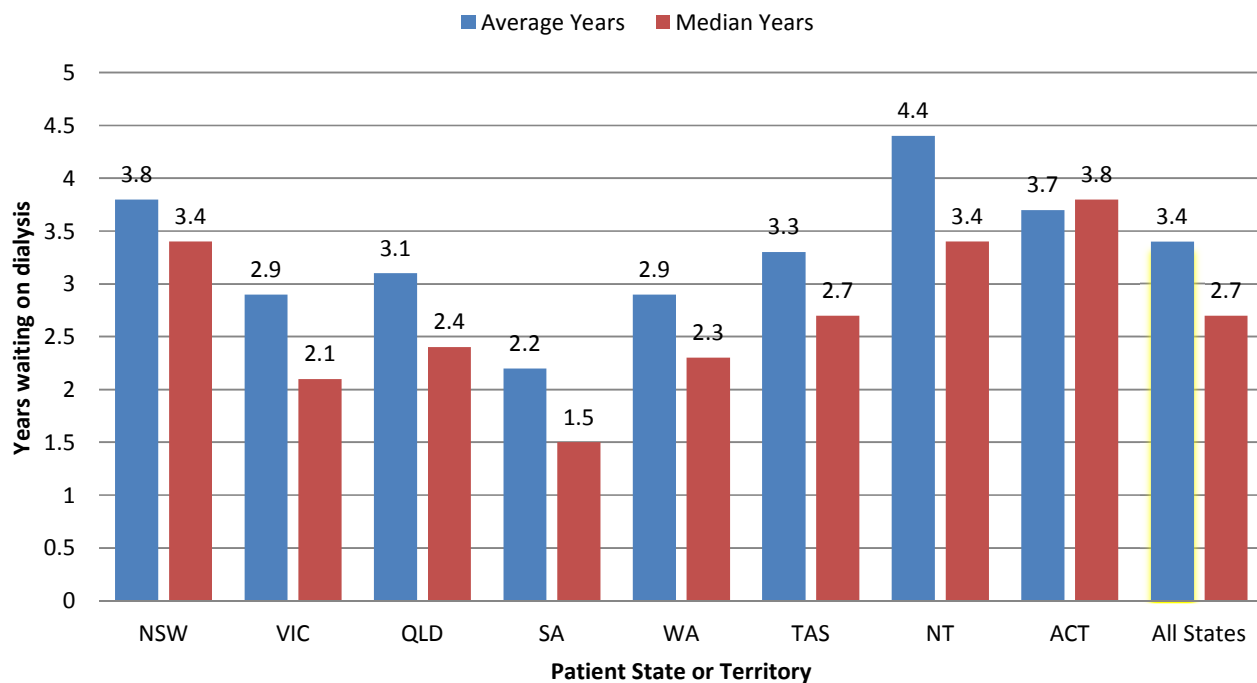


1.3 Time waiting on dialysis in years for active patients awaiting kidney transplant and patient state or territory

State/ Territory	Average wait (years)	Median wait (years)	Maximum wait (years)
NSW	3.8	3.4	20.3*
VIC	2.9	2.1	19.3
QLD	3.1	2.4	13.3
SA	2.2	1.5	10.4
WA	2.9	2.3	8.8
TAS	3.3	2.7	12.7
NT	4.4	3.4	8.5
ACT	3.7	3.8	7.1
ALL	3.4	2.7	20.3*

*Longest waiting patient is from NSW with 1 previous transplant and 97% authorised class I antibodies and blood group A

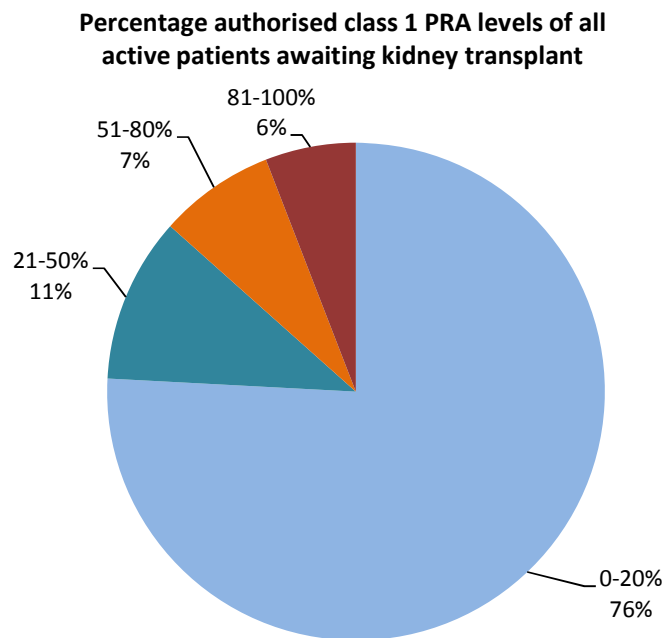
Time waiting on dialysis in years for all active patients awaiting kidney transplant and patient state or territory



1.4 Authorised class 1 panel reactive antibody (PRA) range of active patients awaiting kidney transplant

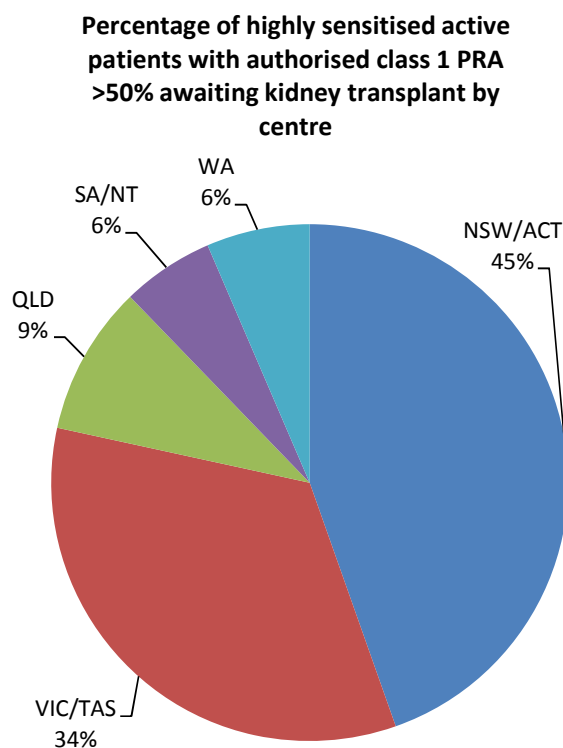
Patient authorised PRA	Number of patients	Percentage of all patients
0 – 20% #	785	76%
21- 50%	111	11%
51- 80%	78	7%
81-100%	61	6%
1035	1035	100%

#Patients with unknown authorised PRA were assumed to be 0%



1.5 Highly sensitised active patients with authorised class 1 panel reactive antibodies (PRA) > 50% awaiting kidney transplant by centre

Centre	Number of highly sensitised patients with authorised PRA > 50%	% of all highly sensitised patients with authorised PRA > 50%	Centre percentage of all patients waiting (from Table 1.2)
NSW/ACT	62	45%	51%
VIC/TAS	47	34%	33%
QLD	13	9%	9%
SA/NT	8	6%	4%
WA	9	6%	3%
ALL	139	100%	100%



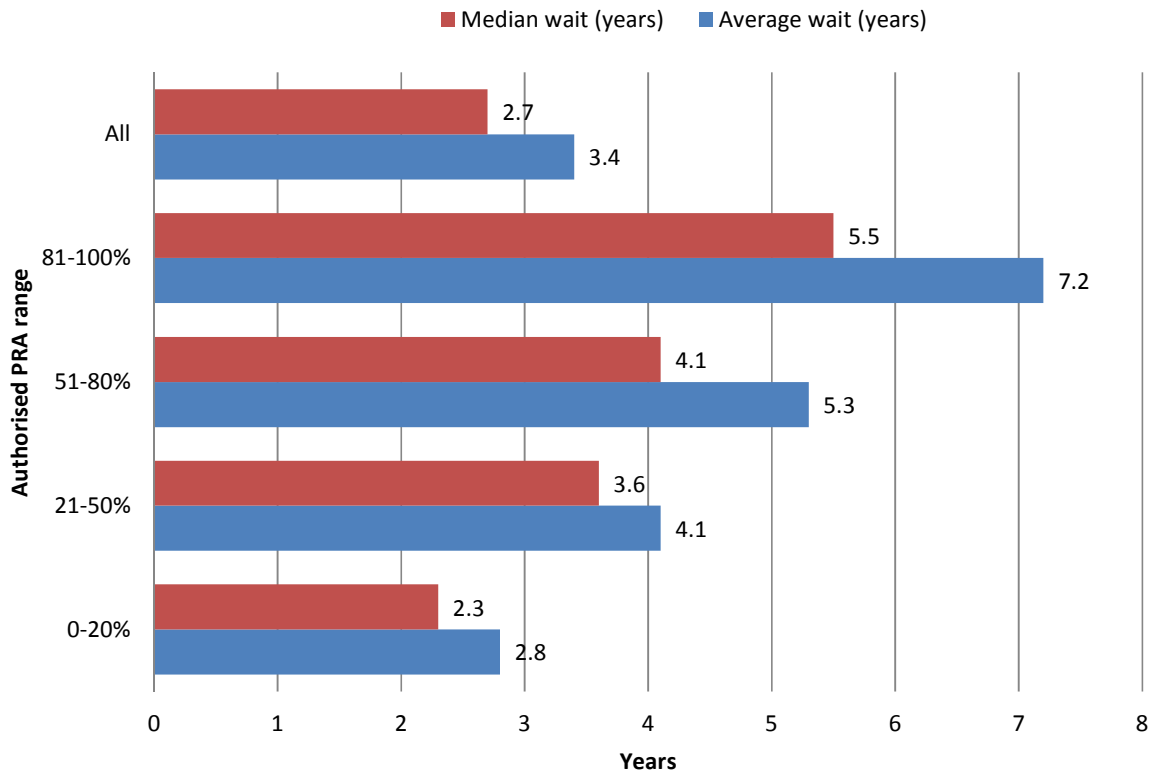
1.6 Time waiting on dialysis in years of active patients awaiting kidney transplant and patient authorised class 1 panel reactive antibody (PRA) range

Patient authorised PRA	Average wait (years)	Median wait (years)	Maximum wait (years)
0-20% [#]	2.8	2.3	13.5
21-50%	4.1	3.6	12.2
51-80%	5.3	4.1	18.6
81-100%	7.2	5.5	20.3 [*]
ALL	3.4	2.7	20.3[*]

[#] In this table Patients with no class 1 authorised PRA entered were assumed to be 0%

^{*} Longest waiting patient is from NSW with blood group A, 1 previous transplant and 97% authorised class I antibodies

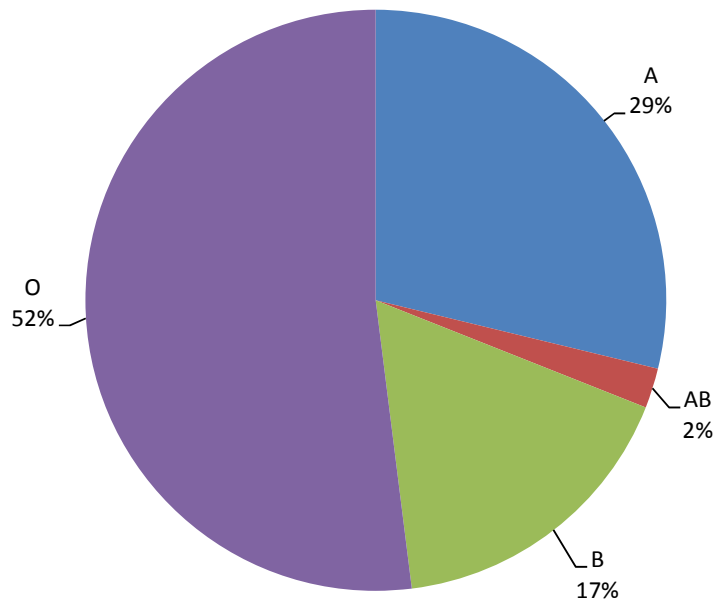
Time waiting on dialysis in years of all active patients awaiting kidney transplant and patient percentage authorised class 1 PRA range



1.7 ABO blood groups of active patients awaiting kidney transplant

Patient ABO blood group	Number of patients	Percentage of all patients
A	298	29%
AB	23	2%
B	176	17%
O	538	52%
ALL	1035	100%

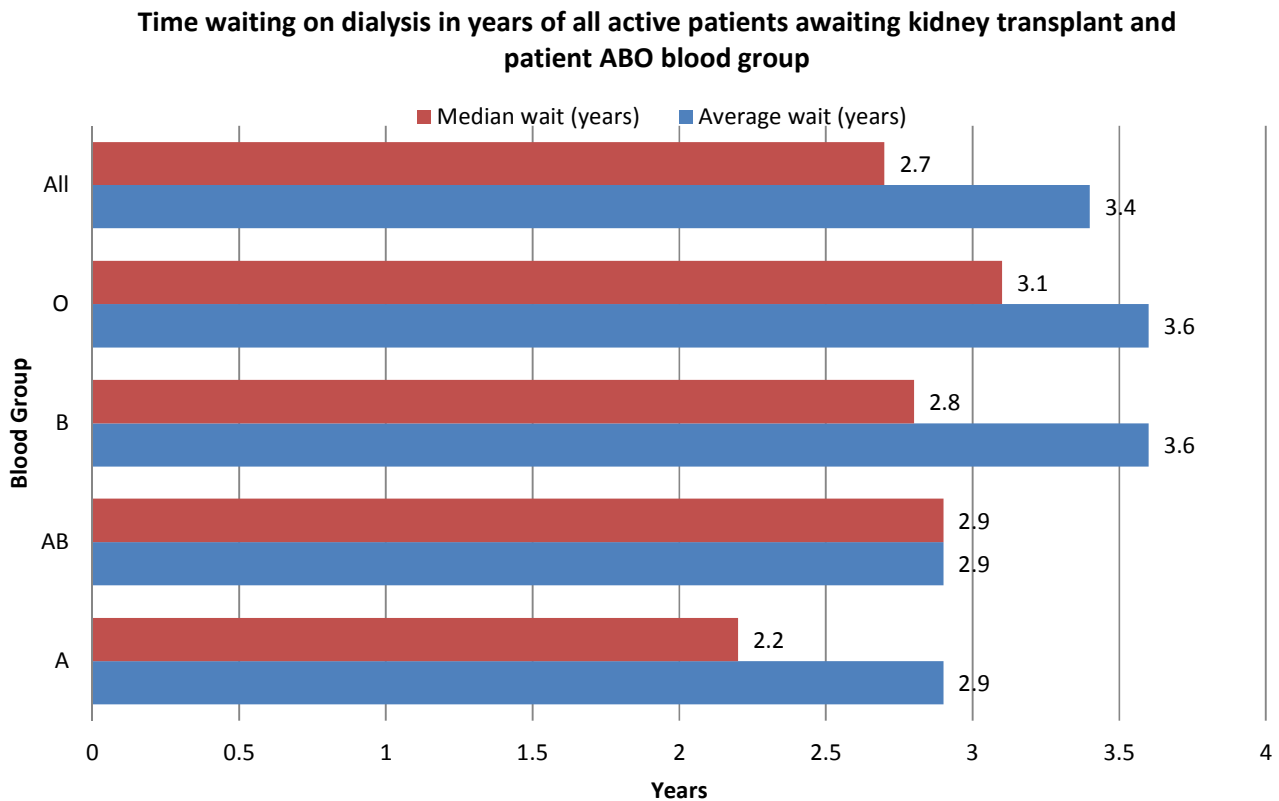
ABO blood groups of all active patients awaiting kidney transplant



1.8 Time waiting on dialysis in years of active patients awaiting kidney transplant and patient ABO blood group

Patient ABO blood group	Average wait (years)	Median Wait (years)	Maximum wait (years)
A	2.9	2.2	20.3*
AB	2.9	2.9	9.0
B	3.6	2.8	16.0
O	3.6	3.1	18.6
ALL	3.4	2.7	20.3*

* Longest waiting patient is from NSW with blood group A, 1 previous transplant and 97% authorised class I antibodies

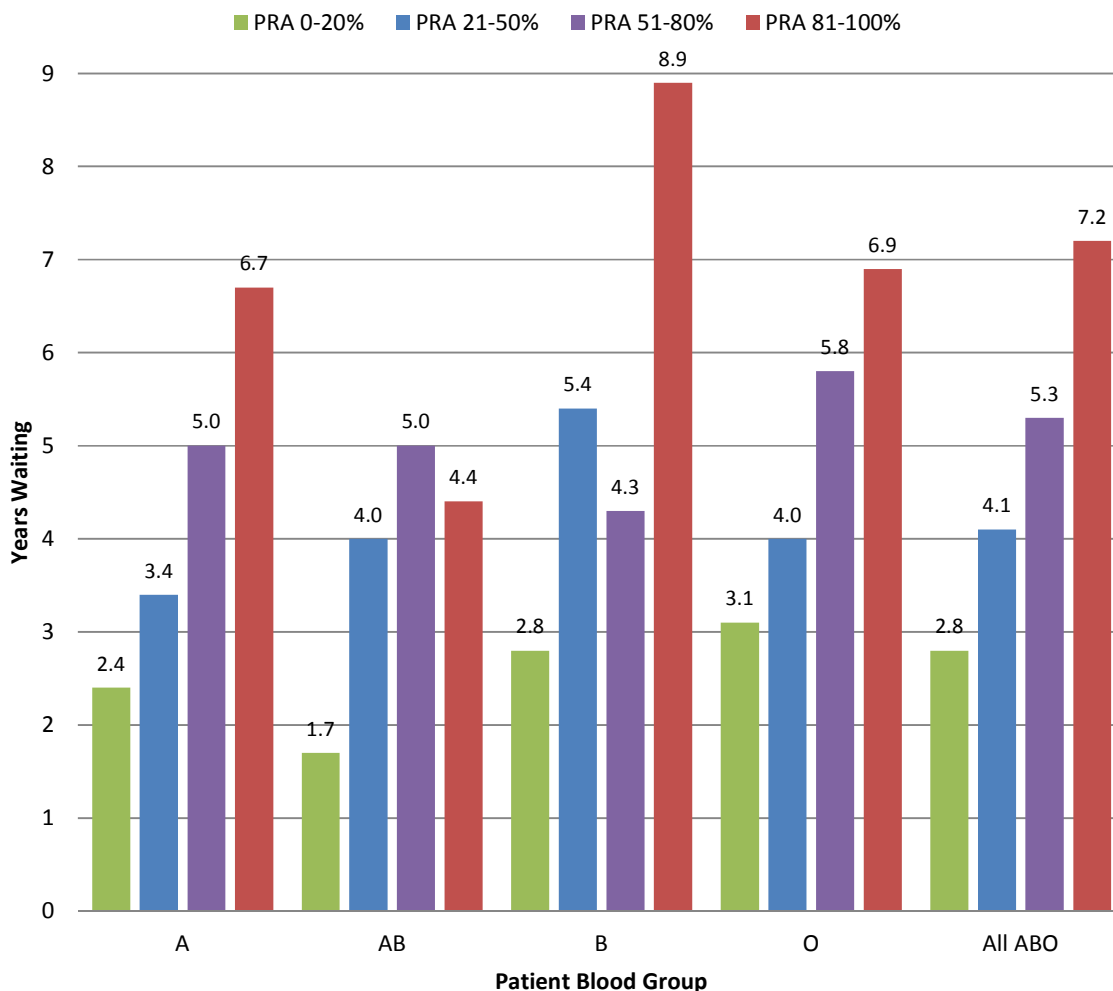


1.9 Time waiting on dialysis in years by authorised class I panel reactive antibody (PRA) ranges and patient ABO blood group

Patient Authorised PRA	Average Wait (years)					Median Wait (years)	Maximum Wait (years)
	A	AB	B	O	All ABO		
0-20%	2.4	1.7	2.8	3.1	2.8	2.3	15.3
21-50%	3.4	4.0	5.4	4.0	4.1	3.6	12.2
51-80%	5.0	5.0	4.3	5.8	5.3	4.1	18.6
81-100%	6.7	4.4	8.9	6.9	7.2	5.5	20.3*
ALL	2.9	2.9	3.6	3.6	3.4	2.7	20.3*

*Longest waiting patient is from NSW with 1 previous transplant and 97% authorised class I antibodies and blood group A

Average time waiting on dialysis in years by authorised class 1 panel reactive antibody (PRA) range and patient ABO blood group

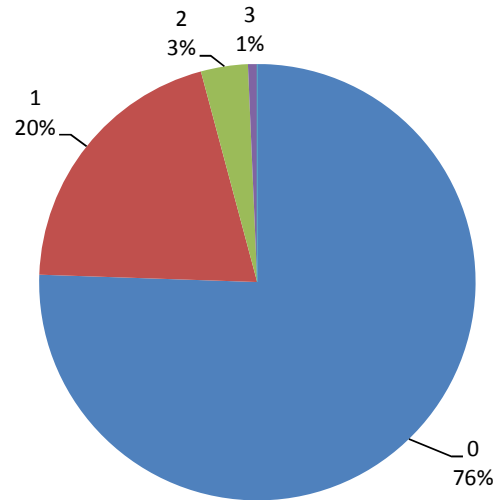


1.10 Number of previous transplants of active patients awaiting kidney transplant

Number of previous transplants	Number of patients	% of all patients waiting
0 [#]	782	76%
1	210	20%
2	36	3%
3	7	1%
4	0	0%
ALL	1035	100%

patients with an unknown transplant count were assumed to have no previous transplants.

Number of previous transplants of all active patients awaiting kidney transplant



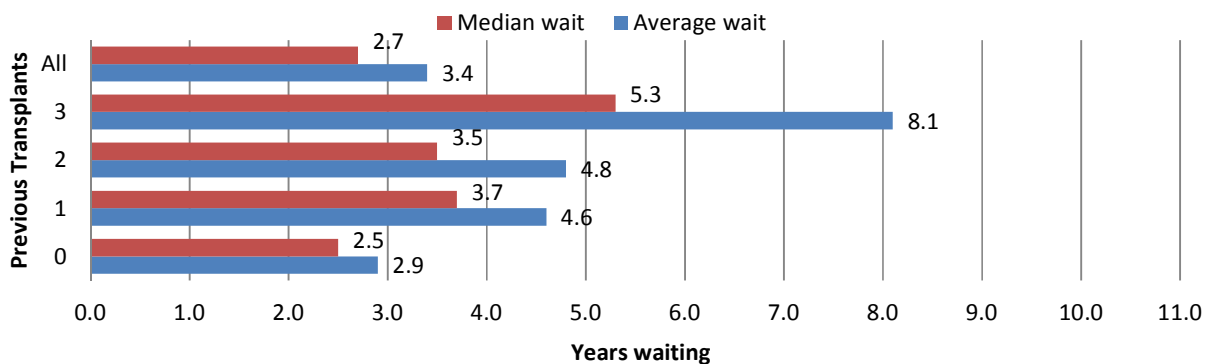
1.11 Time waiting on dialysis in years for active patients awaiting kidney transplant and number of previous transplants

Previous transplants	Number of patients	Average Wait (years)	Median Wait (years)	Maximum Wait (years)
0 [#]	782	2.9	2.5	16.7
1	210	4.6	3.7	19.3
2	36	4.8	3.5	14.4
3	7	8.1	5.3	20.3*
ALL	1035	3.4	2.7	20.3*

Patients with an unknown transplant count are assumed to have no previous transplants.

* Longest waiting patient is from NSW with blood group A, 1 previous transplant and 97% authorised class I antibodies

Time waiting on dialysis in years for all active patients awaiting kidney transplant and number of previous transplants

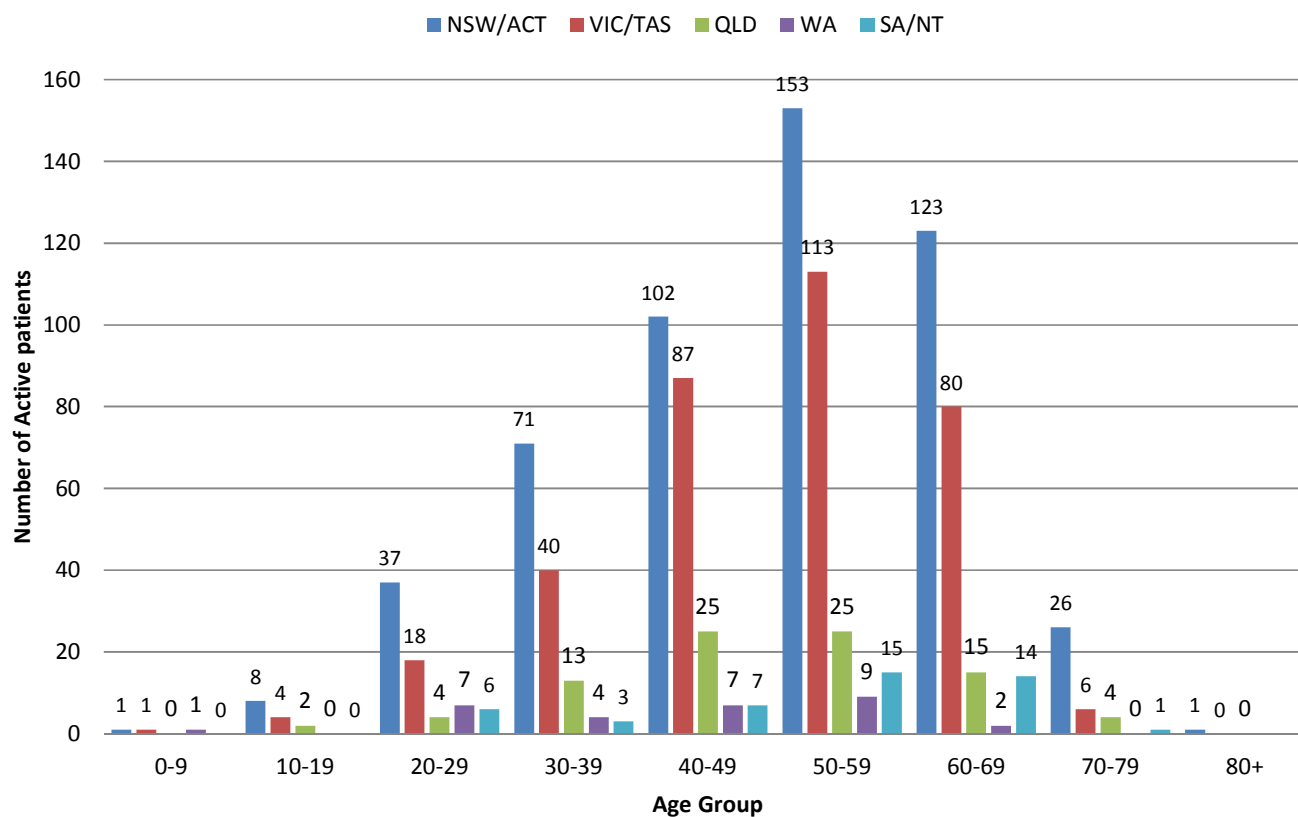


1.12 Age groups of active patients awaiting kidney transplant

State/Territory	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	ALL
NSW/ACT	1	8	37	71	102	153	123	26	1	522
VIC/TAS	1	4	18	40	87	113	80	6	0	349
QLD	0	2	4	13	25	25	15	4	0	88
SA/NT	0	0	6	3	7	15	14	1	0	46
WA	1	0	7	4	7	9	2	0	0	30
ALL	3	14	72	131	228	315	234	37	1	1035
% of total	0%	1%	7%	13%	22%	30%	23%	4%	0%	100%

*The oldest patient on the waiting list is an 80 year old patient from the Australian Capital Territory

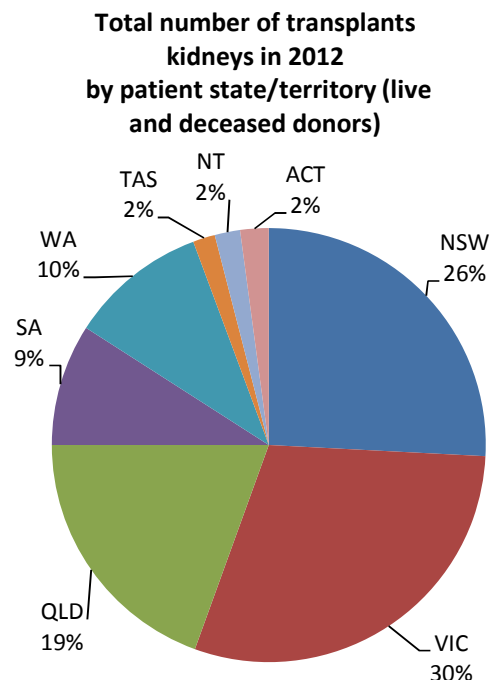
Age of all active patients awaiting kidney transplant



2. KIDNEY TRANSPLANTS DURING 2012

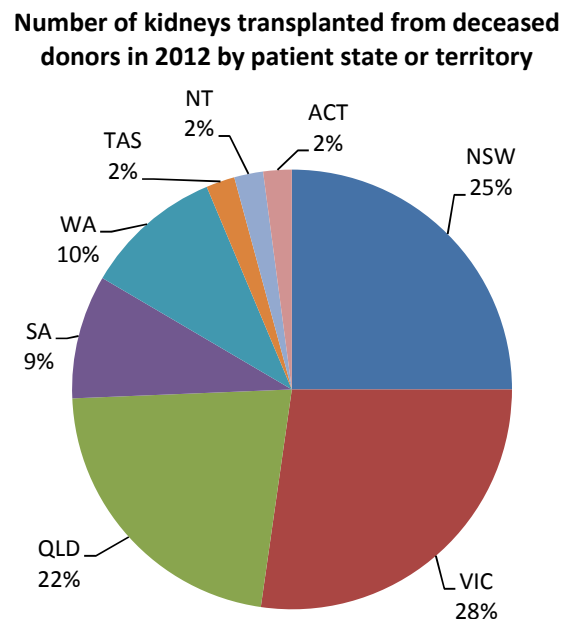
2.1 Number of transplanted kidneys in 2012 by patient state/territory (live and deceased donors)

Patient State/Territory	Number of transplanted kidneys	Percentage of all kidneys transplanted	Percentage of all patients waiting in each centre (from table 1.2)
NSW	219	26%	47%
VIC	252	30%	32%
QLD	165	19%	9%
SA	77	9%	4%
WA	87	10%	3%
TAS	14	2%	1%
NT	16	2%	0%
ACT	18	2%	4%
ALL	848	100%	100%



2.2 Number of kidneys transplanted from deceased donors in 2012 by patient state or territory

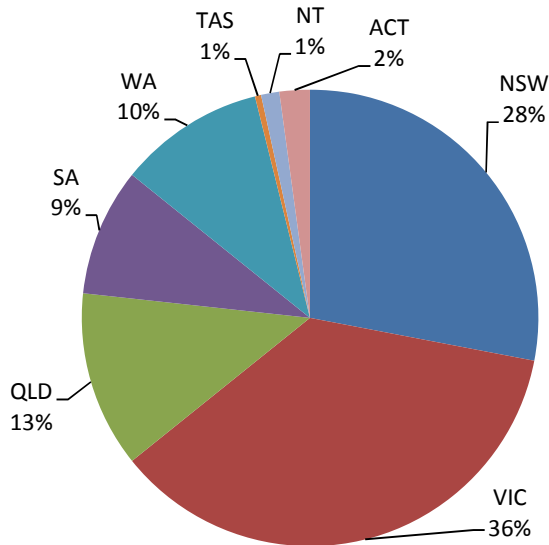
Patient State/Territory	Number of deceased donor transplants	Percentage of all deceased donor kidney transplants	Percentage of all patients waiting in each centre (from table 1.2)
NSW	154	25%	47%
VIC	168	28%	32%
QLD	136	22%	9%
SA	56	9%	4%
WA	63	10%	3%
TAS	13	2%	1%
NT	13	2%	0%
ACT	13	2%	4%
ALL	616	100%	100%



2.3 Number of kidneys transplanted from live donors in 2012 by patient state or territory

Patient State/Territory	Number of kidneys transplanted from live donors	Percentage of all live donor kidneys	Percentage of all patients waiting in each centre (from table 1.2)
NSW	65	28%	47%
VIC	84	36%	32%
QLD	29	13%	9%
SA	21	9%	4%
WA	24	10%	3%
TAS	1	1%	1%
NT	3	1%	0%
ACT	5	2%	4%
ALL	232	100%	100%

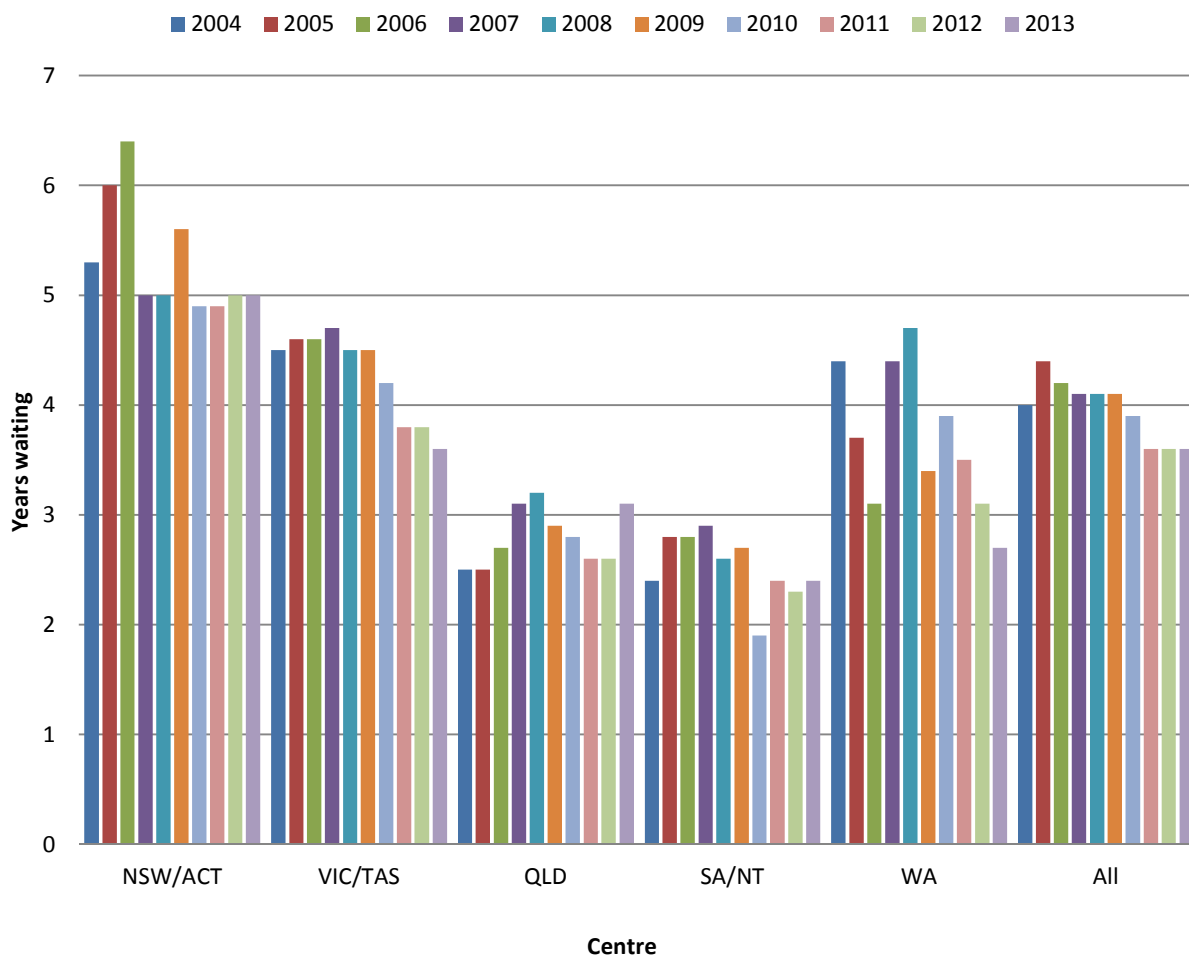
Number of living donor kidney transplants in 2012 by patient state or territory



2.4 Average time waiting on dialysis in years for patients transplanted with deceased donor kidney by centre and year

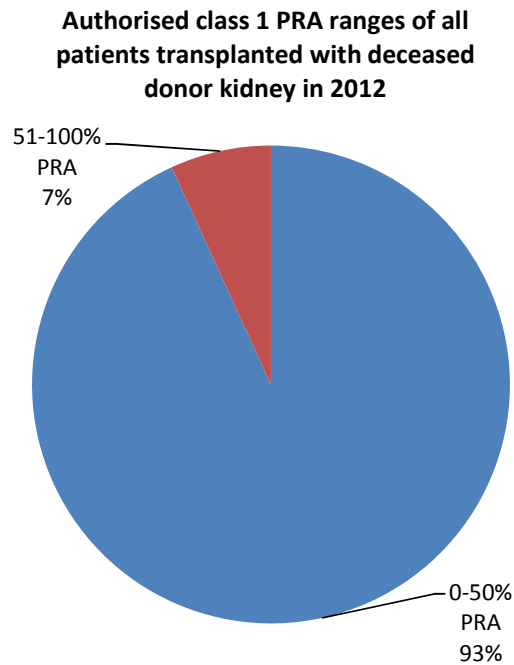
Centre	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013 (as at 1/4/2013)
NSW/ACT	5.3	6.0	6.4	5.0	5.0	5.6	4.9	4.9	5.0	5.0
VIC/TAS	4.5	4.6	4.6	4.7	4.5	4.5	4.2	3.8	3.8	3.6
QLD	2.5	2.5	2.7	3.1	3.2	2.9	2.8	2.6	2.6	3.1
SA/NT	2.4	2.8	2.8	2.9	2.6	2.7	1.9	2.4	2.3	2.4
WA	4.4	3.7	3.1	4.4	4.7	3.4	3.9	3.5	3.1	2.7
ALL	4.0	4.4	4.2	4.1	4.1	4.1	3.9	3.6	3.6	3.6

Average waiting time on dialysis in years for patients transplanted with deceased donor kidney in 2012 by centre and year



2.5 Authorised class 1 panel reactive antibody (PRA) ranges of patients transplanted with deceased donor kidney in 2012

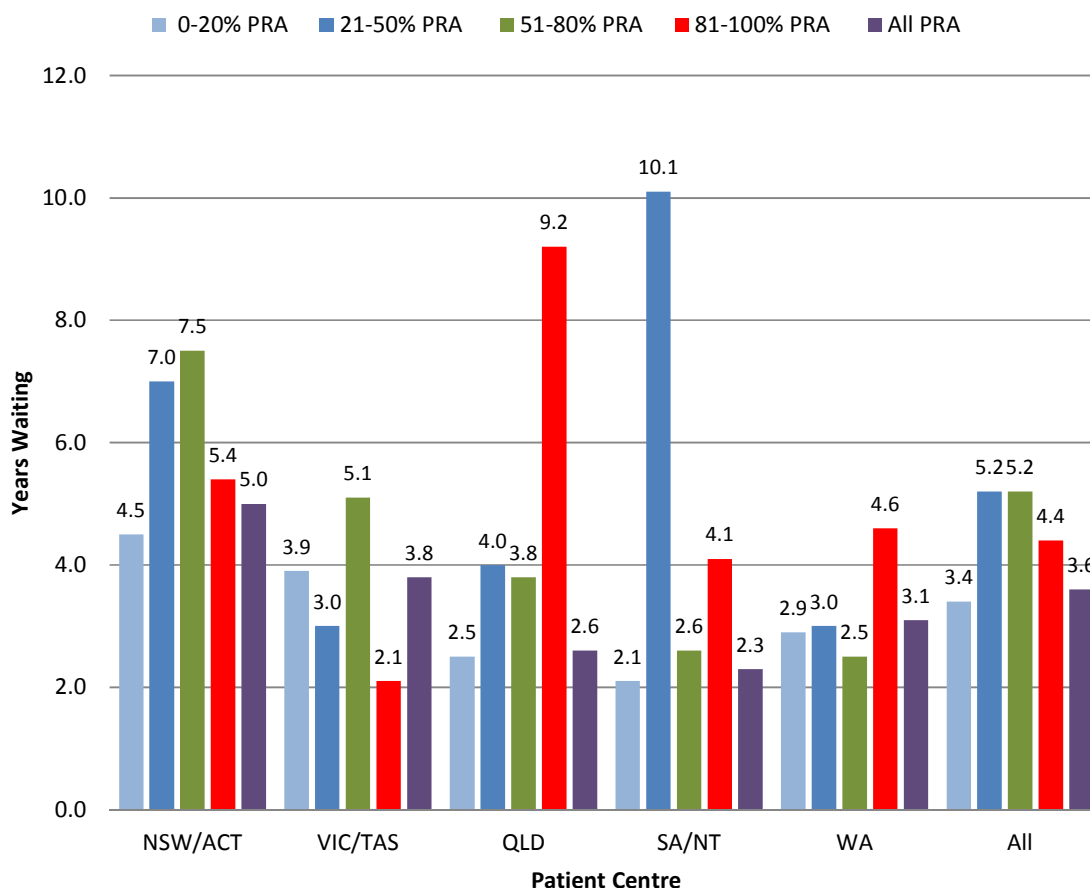
Patient Authorised Class I PRA	Number of patients transplanted	Percentage of patients transplanted	% of patients on transplant waiting list with PRA range (from table 1.4)
0-50%	574	93%	87%
51-100%	42	7%	13%
ALL	616	100%	100%



2.6 Average time waiting on dialysis in years for patients transplanted with deceased donor kidney in 2012 by patient authorised class I PRA range and patient centre

Patient Centre	Authorised Class I PRA range					Median Wait (years)	Maximum Wait (years)
	0-20%	21-50%	51-80%	81-100%	All PRA		
NSW/ACT	4.5	7.0	7.5	5.4	5.0	5.0	15.0
VIC/TAS	3.9	3.0	5.1	2.1	3.8	3.3	17.0
QLD	2.5	4.0	3.8	9.2	2.6	2.0	13.4
SA/NT	2.1	10.1	2.6	4.1	2.3	1.3	10.1
WA	2.9	3.0	2.5	4.6	3.1	2.5	11.6
ALL Centres	3.4	5.2	5.2	4.4	3.6	3.0	17.0

Average time waiting on dialysis in years for all patients transplanted with deceased donor kidney in 2012 by authorised class 1 PRA range and patient centre (n=616)

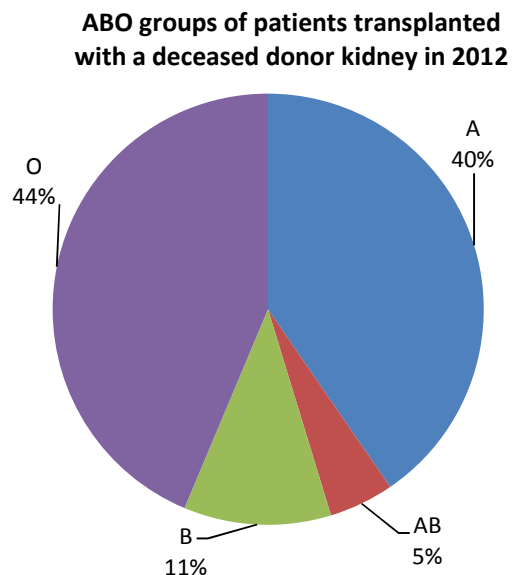


2.7 ABO blood groups of patients transplanted with a deceased donor kidney in 2012

Patient ABO blood group	Number of transplants	Percentage of transplants	Percentage of ABO groups in Australia*
A	249	40%	38%
AB	30	5%	3%
B	68	11%	10%
O	269	44%	49%
ALL	616	100%	100%

*as published on the Blood Service website

<http://www.donateblood.com.au/all-about-blood/blood-types>

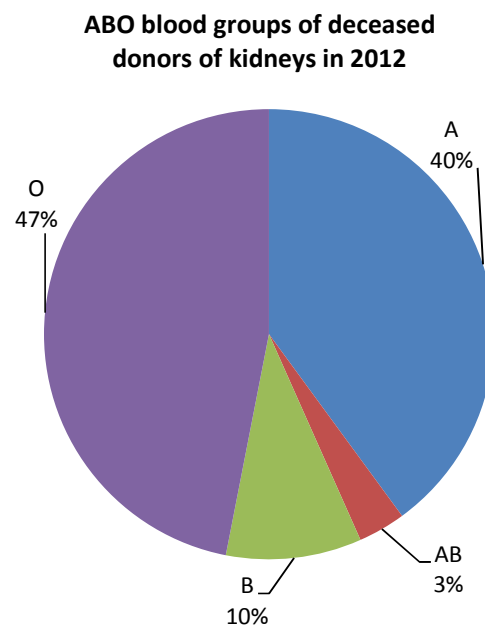


2.8 ABO blood groups of deceased donors of kidneys transplanted in 2012

Donor ABO blood group	Number of transplants	Percentage of transplants	Percentage of ABO groups in Australia*
A	246	40%	38%
AB	21	3%	3%
B	60	10%	10%
O	289	47%	49%
ALL	616	100%	100%

*as published on the Blood Service website

<http://www.donateblood.com.au/all-about-blood/blood-types>



2.9 Comparative ABO groups of patients transplanted with deceased donor kidney in 2012

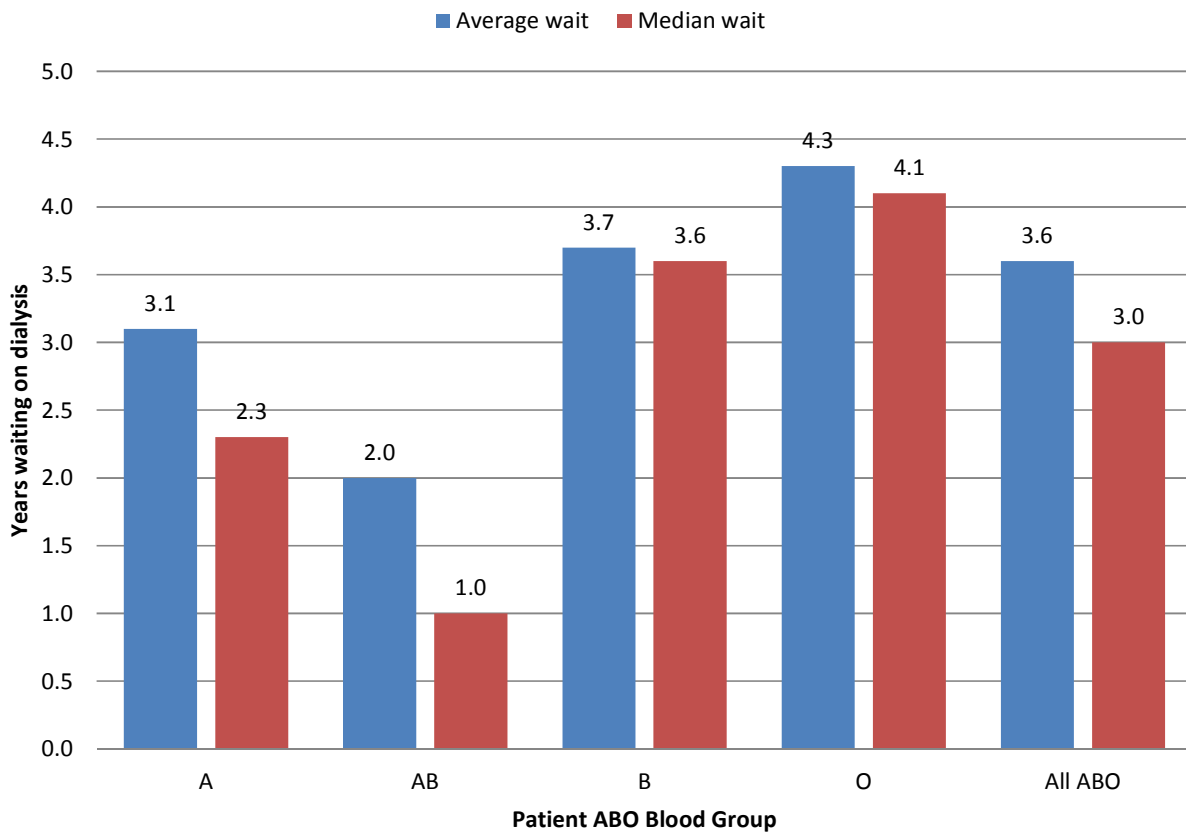
Donor ABO blood group	Blood group of patient receiving Kidney				
	A	AB	B	O	ALL
A	240	6	0	0	246
AB	1*	20	0	0	21
B	0	3	57	0	60
O	8	1	11	269	289
ALL	249	30	68	269	616

*This was a manual allocation for Victorian ABO incompatible transplant

2.10 Average time waiting on dialysis in years of patients transplanted with deceased donor kidney in 2012 patient ABO blood group (n=616)

Patient ABO group	Average wait (years)	Median Wait (years)	Maximum Wait (years)
A	3.1	2.3	17.0
AB	2.0	1.0	13.6
B	3.7	3.6	10.0
O	4.3	4.1	13.7
ALL ABO	3.6	3.0	17.0

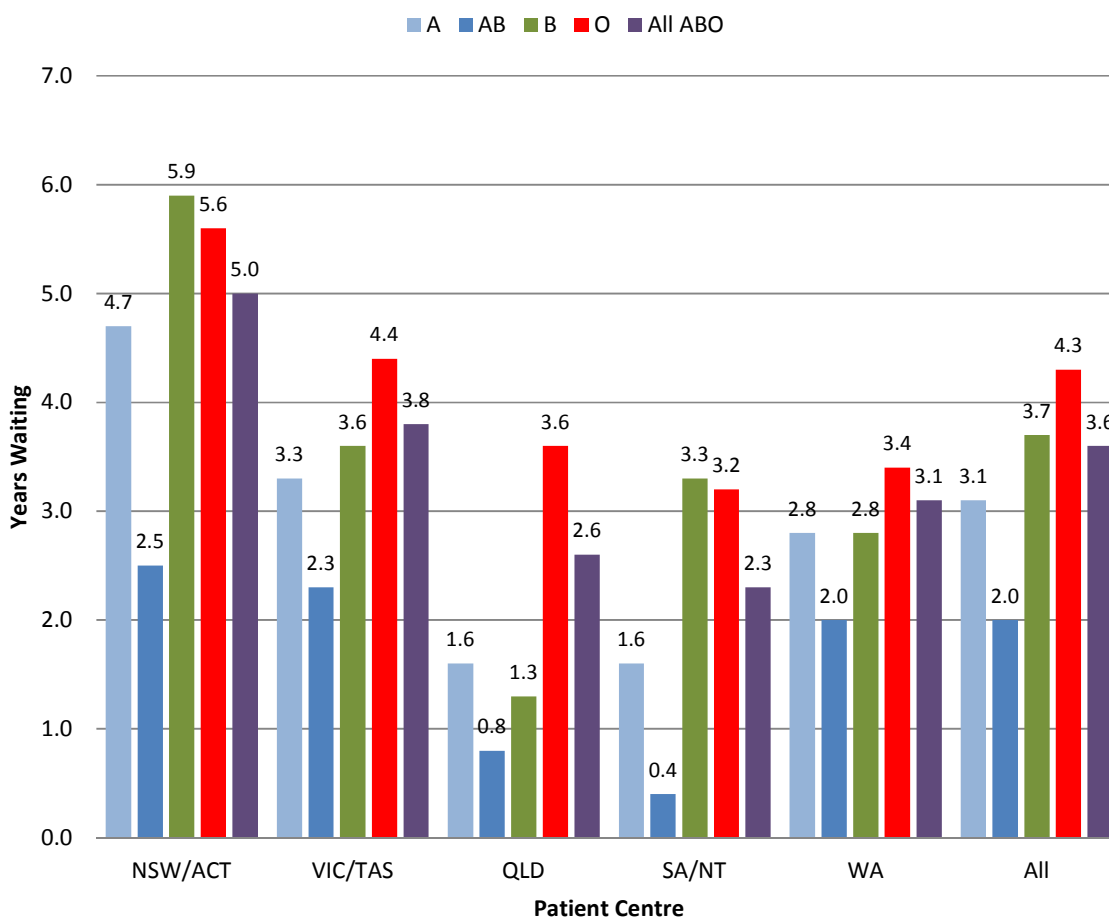
Average time waiting on dialysis in years of patients transplanted with a deceased donor kidney in 2012 by ABO blood group (n=616)



2.11 Average time waiting on dialysis in years for patients transplanted with deceased donor kidney in 2012 by patient ABO blood group and patient centre

Patient Centre	Patient ABO blood group					Median Wait (years)	Maximum Wait (years)
	A	AB	B	O	All ABO		
NSW/ACT	4.7	2.5	5.9	5.6	5.0	5.0	15.0
VIC/TAS	3.3	2.3	3.6	4.4	3.8	3.3	17.0
QLD	1.6	0.8	1.3	3.6	2.6	2.0	13.4
SA/NT	1.6	0.4	3.3	3.2	2.3	1.3	10.1
WA	2.8	2.0	2.8	3.4	3.1	2.5	11.6
ALL Centres	3.1	2.0	3.7	4.3	3.6	3.0	17.0

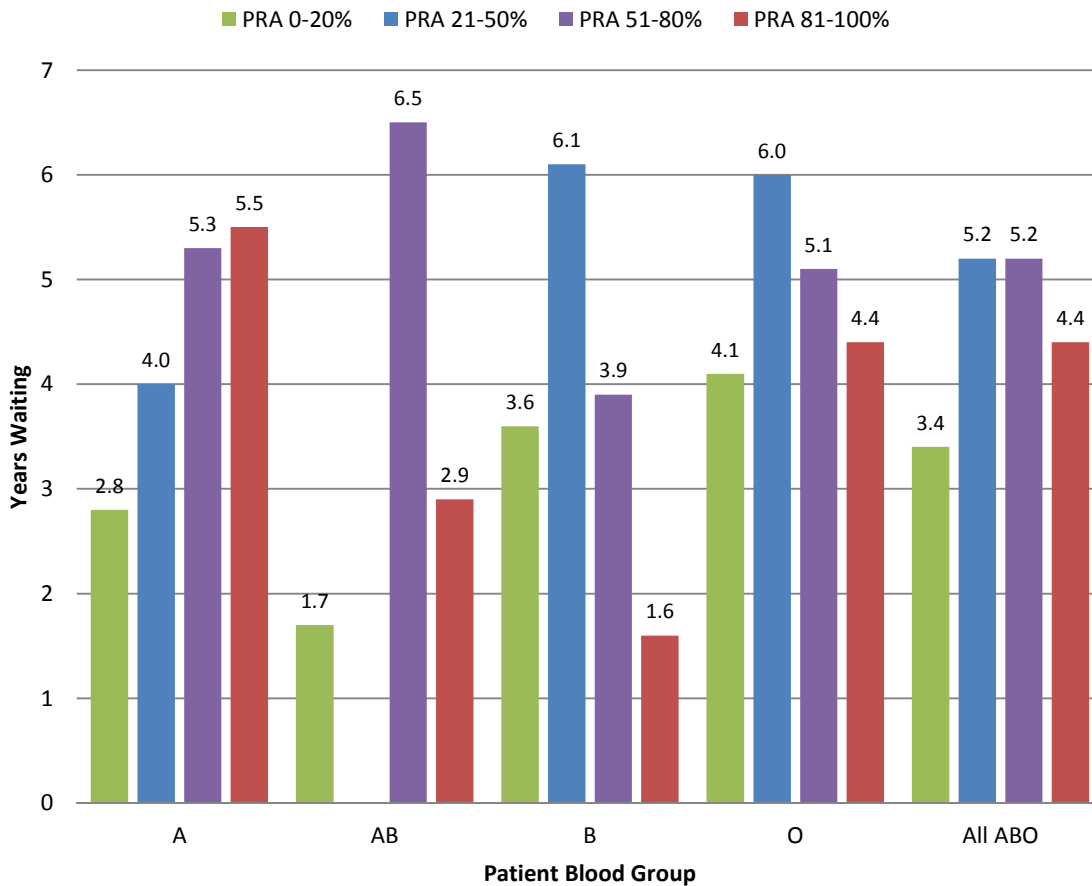
Average time waiting on dialysis in years for patients transplanted with a deceased donor kidney in 2012 by patient ABO blood group and patient centre (n=616)



2.12 Average time waiting on dialysis in years of patients transplanted with deceased donor kidney in 2012 and authorised class 1 panel reactive antibody (PRA) range by patient ABO blood group (n=616)

Patient Authorised Class I PRA	A	AB	B	O	Average wait (years)	Median Wait (years)	Maximum Wait (years)
0-20%	2.8	1.7	3.6	4.1	3.4	2.9	13.7
21-50%	4.0	-	6.1	6.0	5.2	4.9	10.9
51-80%	5.3	6.5	3.9	5.1	5.2	4.3	17.0
81-100%	5.5	2.9	1.6	4.4	4.4	3.2	15.0
ALL PRA	3.1	2.0	3.7	4.3	3.6	3.0	17.0

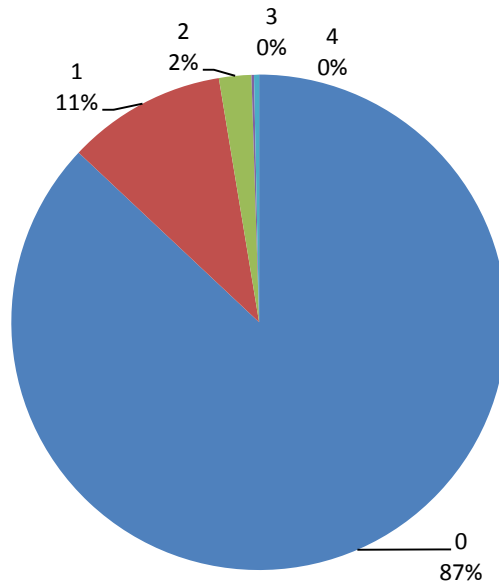
Average time waiting on dialysis in years of all patients transplanted with a deceased donor kidney in 2012 by percentage authorised class 1 PRA ranges and patient ABO blood group (n=616)



2.13 Number of previous transplants for patients transplanted with deceased donor kidney in 2012

Number of previous transplants	Number of patients transplanted	Percentage of patients transplanted	% of patients on transplant waiting list with previous transplant number (from table 1.10)
0	536	87%	76%
1	64	11%	20%
2	13	2%	3%
3	1	0%	1 %
4	2	0%	0%
ALL	616	100%	100%

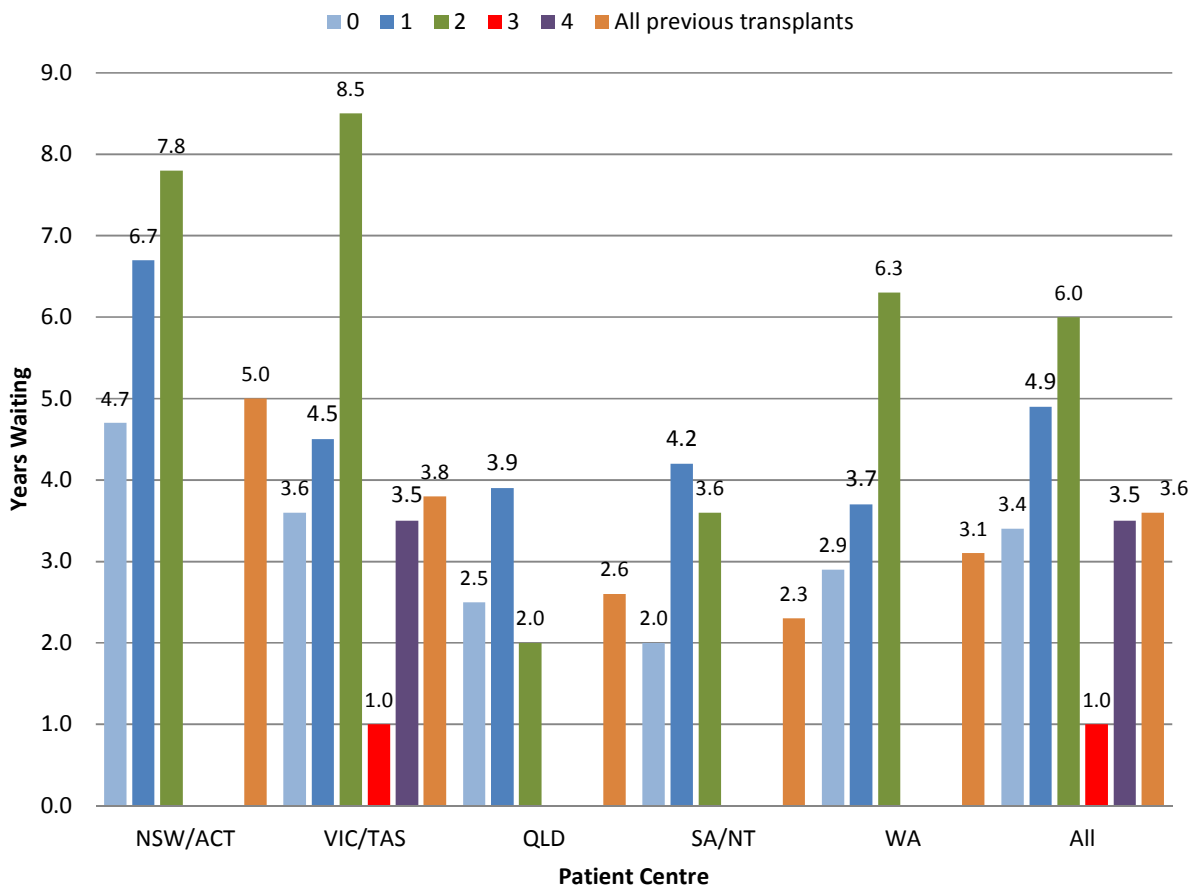
Number of previous transplants for all patients transplanted with a deceased donor kidney in 2012



2.14 Average time waiting on dialysis in years for patients transplanted with deceased donor kidney in 2012 by patient previous transplant number and patient centre

Patient Centre	Patient Previous transplant number						Median Wait (years)	Maximum Wait (years)
	0	1	2	3	4	All		
NSW/ACT	4.7	6.7	7.8	-	-	5.0	5.0	15.0
VIC/TAS	3.6	4.5	8.5	1.0	3.5	3.8	3.3	17.0
QLD	2.5	3.9	2.0	-	-	2.6	2.0	13.4
SA/NT	2.0	4.2	3.6	-	-	2.3	1.3	10.1
WA	2.9	3.7	6.3	-	-	3.1	2.5	11.6
ALL Centres	3.4	4.9	6.4	1.0	3.5	3.6	3.0	17.0

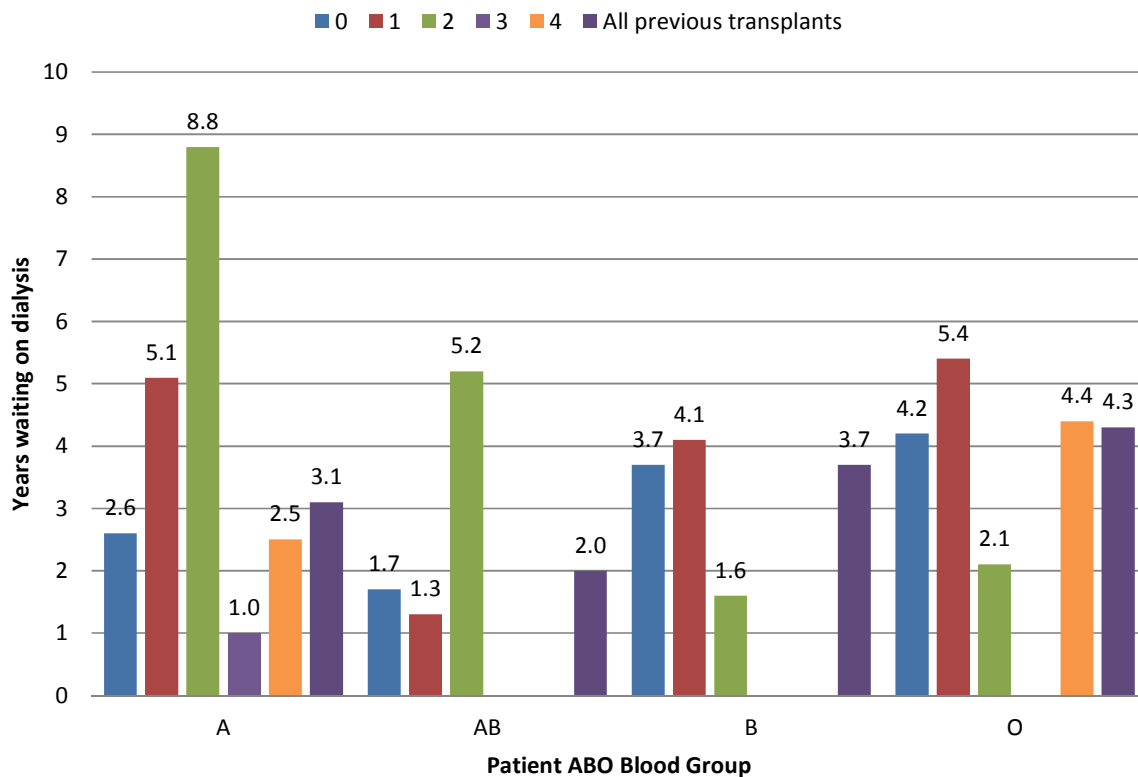
Average time waiting on dialysis in years of all patients transplanted with a deceased donor kidney in 2012 by patient previous transplant number and patient centre (n=616)



2.15 Average time waiting on dialysis in years for patients transplanted with deceased donor kidney in 2012 and previous transplants by patient ABO blood group (n=616)

Number of previous transplants	A	AB	B	O	Average Wait (years)	Median Wait (years)	Maximum Wait (years)
0 (n=536)	2.6	1.7	3.7	4.2	3.4	3.0	13.7
1 (n=64)	5.1	1.3	4.1	5.4	4.9	2.9	12.9
2 (n=13)	8.8	5.2	1.6	2.1	6.4	2.9	17.0
3 (n=1)	1.0	-	-	-	1.0	1.0	1.0
4 (n=2)	2.5	-	-	4.4	3.5	3.5	4.4
All Transplants	3.1	2.0	3.7	4.3	3.6	3.0	17.0

Average time waiting on dialysis in years of patients transplanted with a deceased donor kidney in 2012 by previous transplant and ABO blood group (n=616)

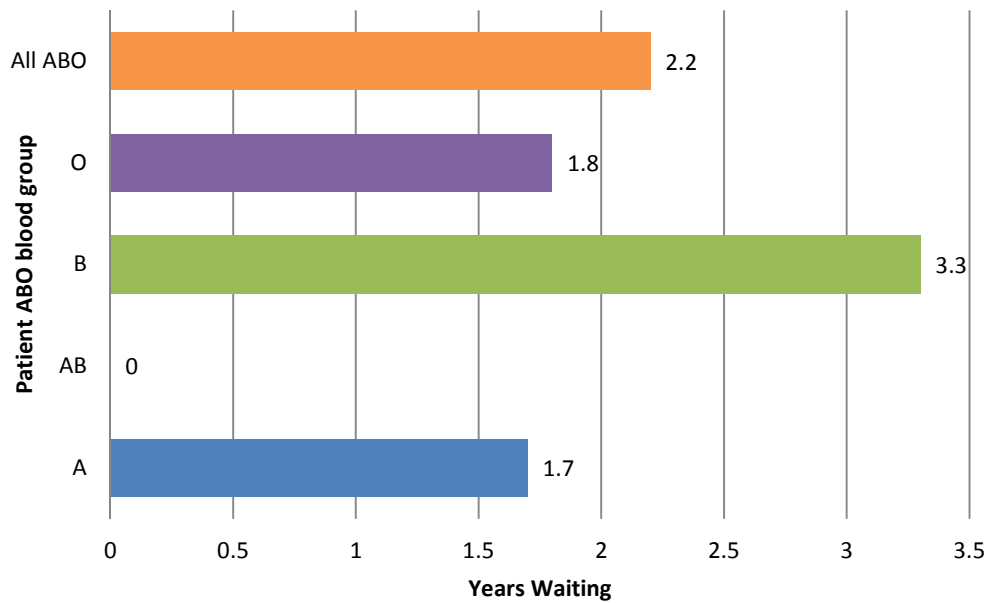


2.16 Average time waiting on dialysis in years of paediatric patients transplanted with deceased donor kidney in 2012 by patient ABO blood group (n=7)

Patient status	A	AB	B	O	All ABO
Paediatric* (n=7)	1.7	-	3.3	1.8	2.2
ALL Patients	3.1	2.0	3.7	4.3	3.6

* Paediatric status is currently defined in NOMS as patients whose current age is less than 18 years, first dialysis date was at an age less than 17 years, and time since 'dialysis for matching' date is greater than 1 year.

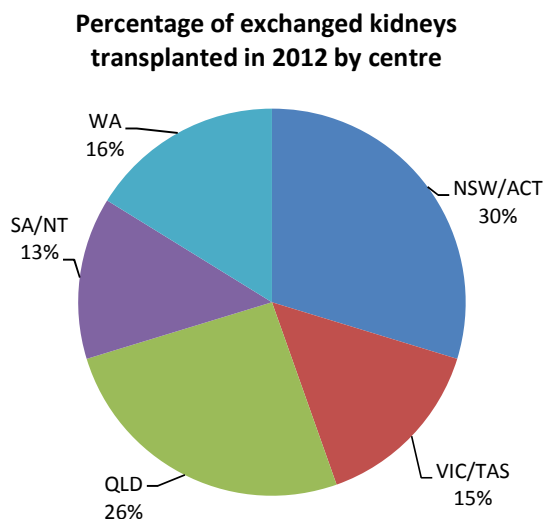
Average time waiting on dialysis in years of paediatric patients transplanted with deceased donor kidney in 2012 by patient ABO blood group (n=7)



3. INTERSTATE EXCHANGE OF DECEASED DONOR KIDNEYS IN 2012

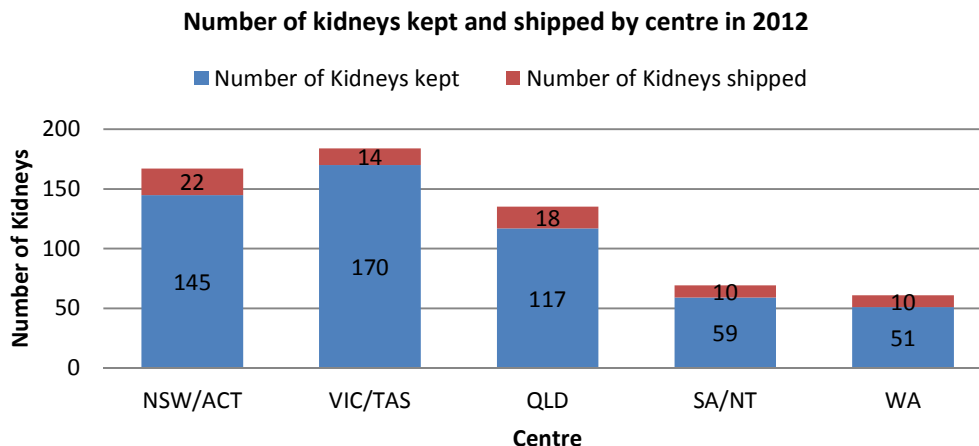
3.1 Number of exchanged kidneys transplanted by centre in 2012

Transplant Centre	Number of exchanged kidneys transplanted	Percentage of exchanged kidneys transplanted
NSW/ACT	22	30%
VIC/TAS	11	15%
QLD	19	26%
SA/NT	10	13%
WA	12	16%
ALL	74	100%



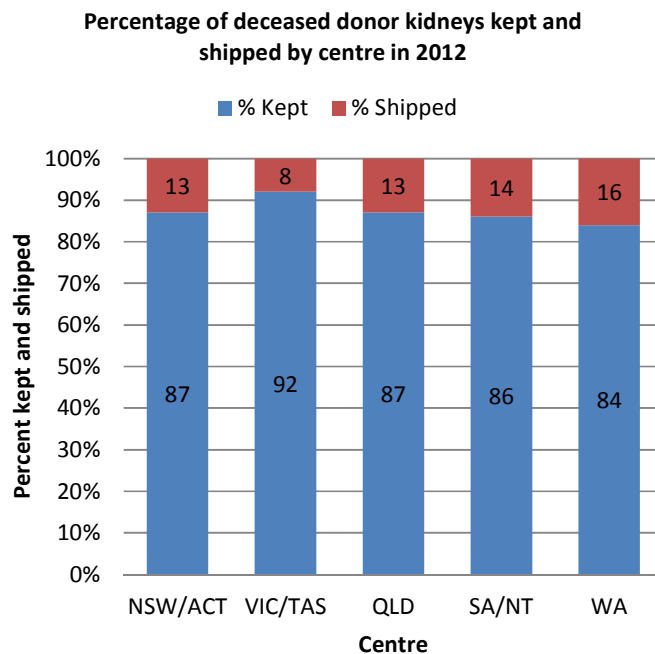
3.2 Number of kidneys kept and shipped by centre in 2012

Transplant Centre	Number of kidneys kept	Number of kidneys shipped	Total number of kidneys from centre
NSW/ACT	145	22	167
VIC/TAS	170	14	184
QLD	117	18	135
SA/NT	59	10	69
WA	51	10	61
ALL	542	74	616



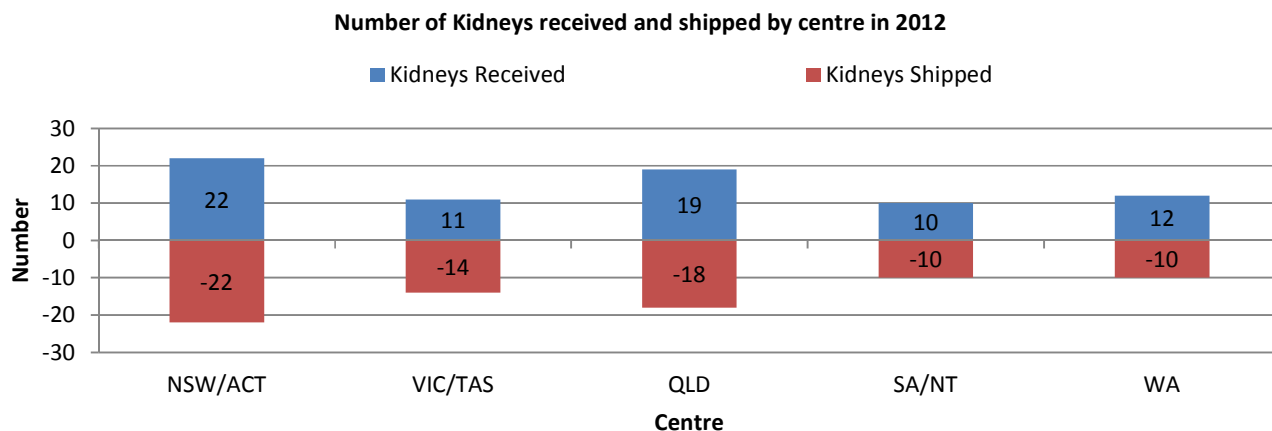
3.3 Percentage of deceased donor kidneys kept and shipped by centre in 2012

Transplant Centre	Percentage kept	Percentage shipped
NSW/ACT	87%	13%
VIC/TAS	92%	8%
QLD	87%	13%
SA/NT	86%	14%
WA	84%	16%
ALL	88%	12%



3.4 Number of kidneys received and shipped by centre in 2012

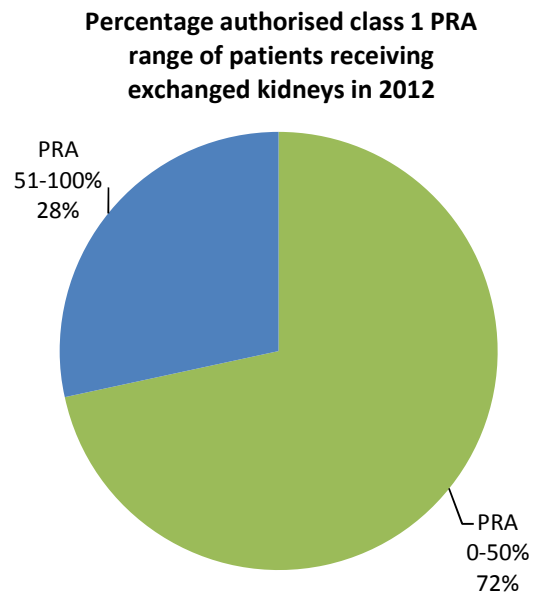
Transplant Centre	Number of kidneys received	Number of kidneys shipped	Difference (received – shipped)
NSW/ACT	22	22	0
VIC/TAS	11	14	-3
QLD	19	18	1
SA/NT	10	10	0
WA	12	10	2
ALL	74	74	0



3.5 Authorised class 1 panel reactive antibody (PRA) range of patients receiving exchanged kidneys in 2012

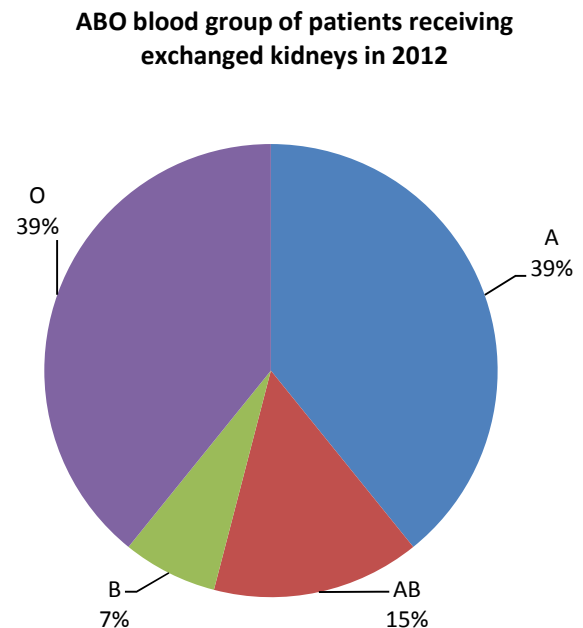
Patient Authorised PRA	Number of exchanged kidneys transplanted	Percentage of exchanged kidneys transplanted
0-50 % #	53	72%
51-100%	21	28%
ALL	74	100%

#Patients with unknown authorised class I PRA were assumed to be 0%



3.6 ABO blood groups of patients receiving exchanged kidneys in 2012

Patient ABO blood group	Number of exchanged kidneys transplanted	Percentage of exchanged kidneys transplanted
A	29	39%
AB	11	15%
B	5	7%
O	29	39%
ALL	74	100%



3.7 Computerised Interstate Exchange balances

DATE	NSW/ ACT	QLD	SA/NT	VIC/ TAS	WA
22/8/91	-4	+8	+5	-9	n/a
31/8/92	-13	+24	+8	-19	n/a
5/1/93	-12	+28	+1	-17	n/a
2/9/94	-5	+6	-1	-4	+4
4/1/95	+2	+2	0	-8	+4
2/1/96	-2	+2	-1	-3	+4
4/2/97	-2	+5	+8	-8	-3
10/3/98	-8	+1	+10	+1	-4
7/1/99	+1	-1	+7	-1	-6
4/4/00	+1	0	+4	-2	-3
15/3/01	-5	+3	+5	-2	-1
3/4/02	0	+1	+3	+1	-5
6/1/03	-2	+2	+6	0	-6
6/7/04	-3	+2	+7	-5	-1
29/4/05	-9	-1	+11	0	-1
3/4/06	-6	0	+11	-3	-2
16/3/07	-1	+1	+5	-1	-4
2/4/08	-1	0	+4	0	-3
31/3/09	-2	0	+4	0	-2
16/4/10	-2	0	+3	-1	0
8/4/11	-2	0	+3	0	-1
3/4/12	-5	+3	+2	-2	+2
1/4/13	-3	+1	+5	0	-3

'+' implies a cumulative net outflow of kidneys to the date given

'-' implies a cumulative net inflow of kidneys to the date given

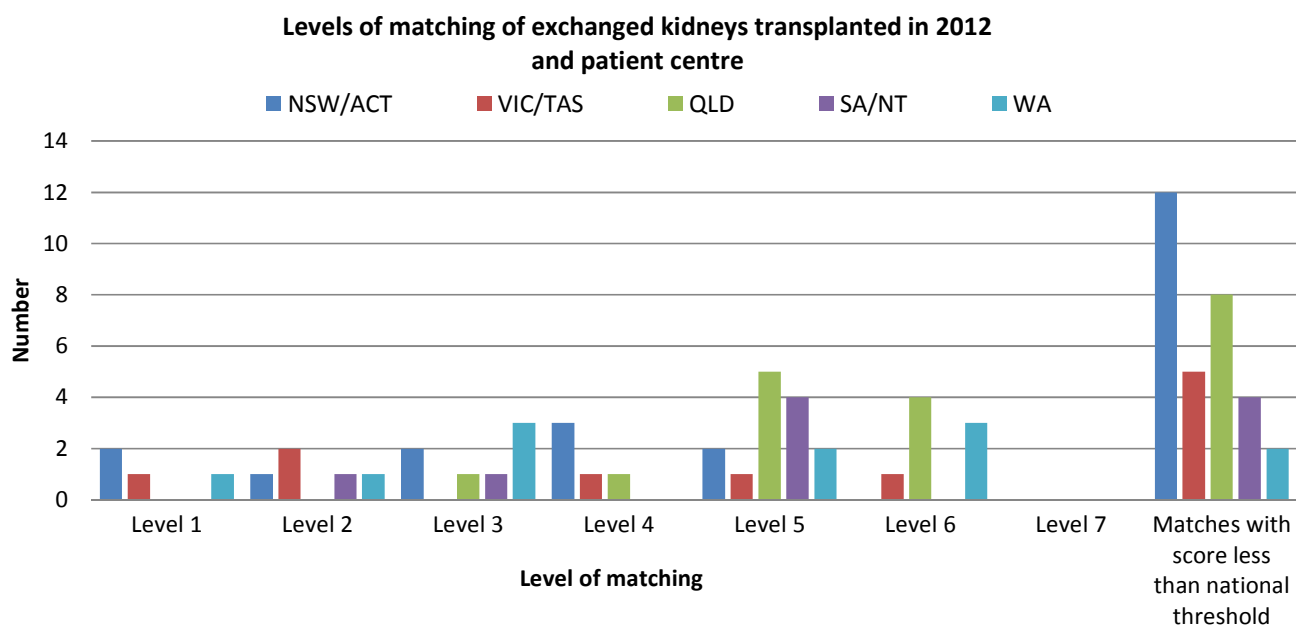
3.8 Current kidney matching national algorithm

Algorithm	Match Level	Criteria	Score
Australian National	1	Base Score if (HLA A + B + DR mismatches = 0) and (Class 1 authorised Panel Reactive Antibodies not < 50%) (Level 1 match)	60 000 000
	2	Base Score if (HLA A + B + DR mismatches = 1) and (Class 1 authorised Panel Reactive Antibodies > 80%) (Level 2 match)	59 000 000
	3	Base Score if (HLA A + B + DR mismatches = 2) and (Class 1 authorised Panel Reactive Antibodies > 80%) (Level 3 match)	58 000 000
	4	Base Score if (HLA A + B + DR mismatches = 0) and (Class 1 authorised Panel Reactive Antibodies < 50%) (Level 4 match)	57 000 000
	5	Base Score if (HLA DR mismatches = 0) and (HLA A+B mismatches = 1) and (Class 1 authorised Panel Reactive Antibodies not > 80%) and centre credit difference (donor centre credit – patient centre credit) <= -3 (Level 5 match)	56 000 000
	6	Base Score if (HLA DR mismatches = 0) and (HLA A+B mismatches = 2) and (Class 1 authorised Panel Reactive Antibodies not > 80%) and centre credit difference (donor centre credit – patient centre credit) <= -6 (Level 6 match)	55 000 000
	7	Base Score if score is null and centre credit difference (donor centre credit – patient centre credit) < -20 (Level 7 match)	54 000 000
		Paediatric	+30 000
		If donor centre = patient centre	+50 000
		Centre credit balance	+(1000 + patient centre credit)
		Each month Waiting on dialysis	+1
		Lower Threshold for National Algorithm	54 000 000
Australian National Override		Base Score	0
		Paediatric	+30 000
		Antibody (for each % of authorised antibody > threshold of 50%)	+1000
		Each month Waiting on dialysis	+100

3.9 Levels of matching of exchanged kidneys transplanted in 2012

Patient Centre	Level of matching on national algorithm								All
	1	2	3	4	5	6	7	Matches with score less than national threshold	
NSW/ACT	2	1	2	3	2	0	0	12 &&&&*****	22
VIC/TAS	1	2	0	1	1	1	0	5 &&&**	11
QLD	0	0	1	1	5	4	0	8 &&&&&&&&	19
SA/NT	0	1	1	0	4	0	0	4 &&&*	10
WA	1	1	3	0	2	3	0	2 *&	12
ALL	4	5	7	5	14	8	0	31	74
%	5%	7%	9%	7%	19%	11%	0%	42%	

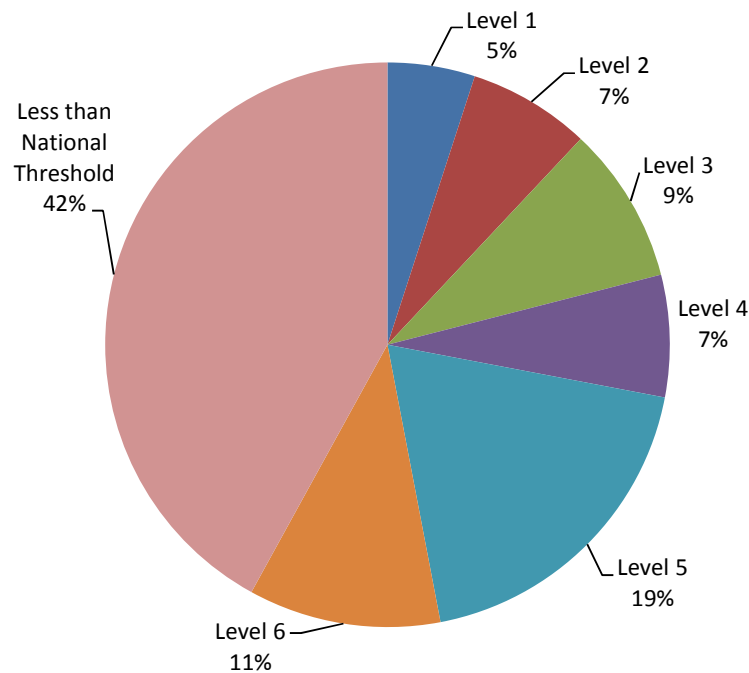
& Manually allocated for multi-organ transplant
 * National Override Used



3.10 Summary of level of matching of exchanged kidneys transplanted in 2012

Level of matching	Percentage of exchanged kidneys
Level 1 (60 000 000 +)	5%
Level 2 (59 000 000 – 59 999 999)	7%
Level 3 (58 000 000 – 58 999 999)	9%
Level 4 (57 000 000 – 57 999 999)	7%
Level 5 (56 000 000 – 56 999 999)	19%
Level 6 (55 000 000 – 55 999 999)	11%
Level 7 (54 000 000 – 54 999 999)	0%
Less than 54 000 000	42%
ALL	100%

Summary of level of matching of exchanged kidneys transplanted in 2012



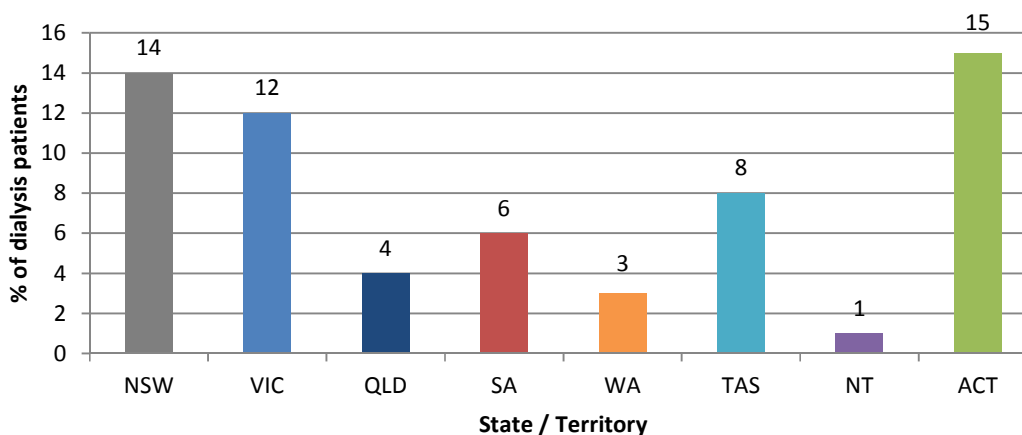
4. MISCELLANEOUS REPORTS

4.1 Number of active patients awaiting kidney transplant by patient state or territory as percentage of dialysing patients as at 31/12/2011[#]

State / Territory	Number of active patients (1/4/2012) (from table 1.2)	% of all patients on active waiting list (1/4/2012) (from table 1.2)	Number of patients on dialysis as at 31/12/2011 [#]	State / Territory % of total dialysing patients [#]	% of dialysing patients on active waiting list from that State/Territory [#]
NSW	482	47%	3555	32%	14%
VIC	333	32%	2693	25%	12%
QLD	88	9%	2005	18%	4%
SA	41	4%	712	7%	6%
WA	30	3%	1097	10%	3%
TAS	16	1%	204	2%	8%
NT	5	0%	468	4%	1%
ACT	40	4%	264	2%	15%
ALL	1035	100%	10998	100%	9%

[#]Dialysis Data reported has been supplied by the Australia and New Zealand Dialysis and Transplant Registry. The interpretation and reporting of these data are the responsibility of the authors and in no way should be seen as an official policy or interpretation of the Australia and New Zealand Dialysis and Transplant Registry.

Number of active patients awaiting kidney transplant by patient state or territory as percentage of dialysing patients as at 31/12/11[#]



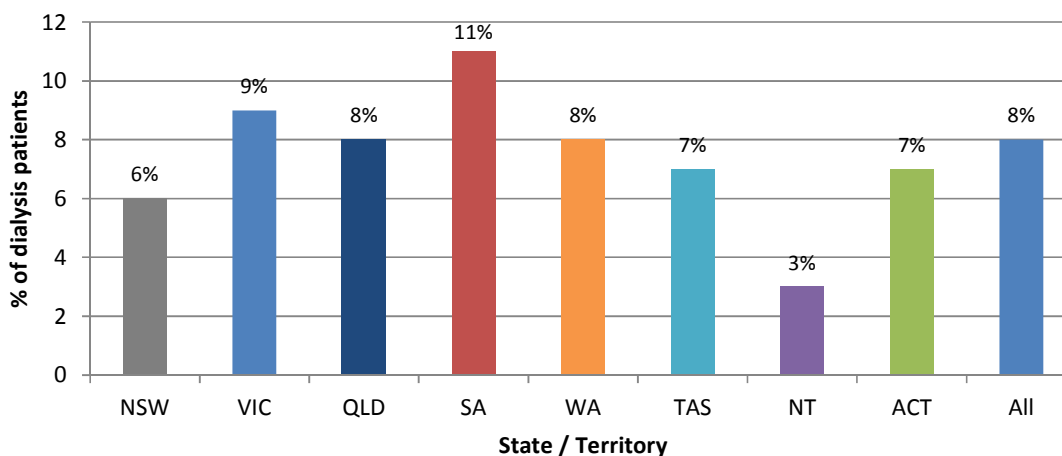
4.2 Number of transplanted kidneys in 2012 by patient state or territory (live and deceased donors) as percentage of patients dialysing at 31/12/2011#

Patient State / Territory	Number of transplanted kidneys in 2012 (from table 2.1)	% of all kidneys transplanted in 2012 (from table 2.1)	Number of patients on dialysis as at 31/12/2011#	Number of transplanted patients in 2012 as a % of total patients on dialysis for that state/territory as at 31/12/2011#
NSW	219	26%	3555	6%
VIC	252	30%	2693	9%
QLD	165	19%	2005	8%
SA	77	9%	712	11%
WA	87	10%	1097	8%
TAS	14	2%	204	7%
NT	16	2%	468	3%
ACT	18	2%	264	7%
ALL	848	100%	10998	8%

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Number of transplanted kidneys in 2012 by patient state or territory (live and deceased donors) as percentage of patients dialysing as at 31/12/11#



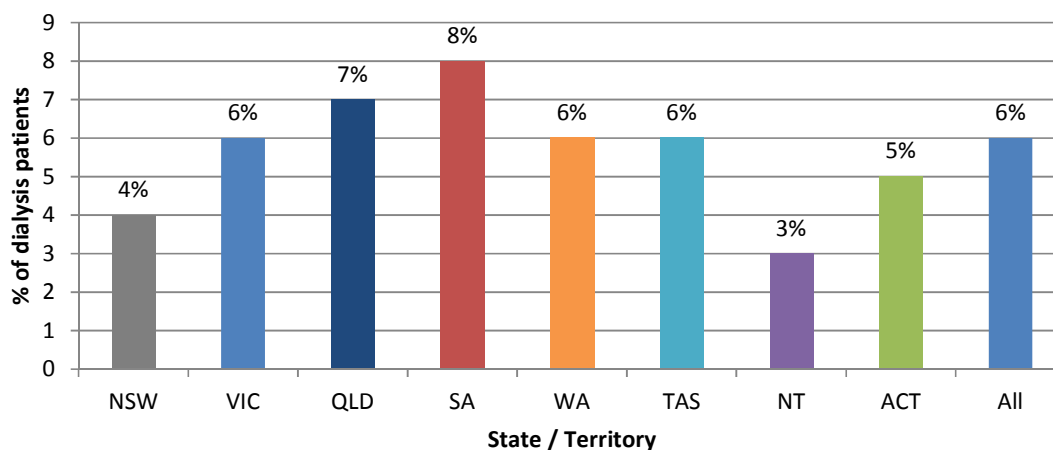
4.3 Number of kidneys transplanted from deceased donors in 2012 by patient state or territory as percentage of patients dialysing as at 31/12/2011#

Patient State / Territory	Number of deceased donor transplants in 2012 (from table 2.2)	Percentage of all deceased donor kidney transplants in 2012 (from table 2.2)	Number of patients on dialysis as at 31/12/2011#	Number of transplanted patients in 2011 with deceased donor kidney as a % of total patients on dialysis for that state/territory as at 31/12/2011#
NSW	154	25%	3555	4%
VIC	168	28%	2693	6%
QLD	136	22%	2005	7%
SA	56	9%	712	8%
WA	63	10%	1097	6%
TAS	13	2%	204	6%
NT	13	2%	468	3%
ACT	13	2%	264	5%
ALL	616	100%	10998	6%

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Number of kidneys transplanted from deceased donors in 2012 by patient state or territory as percentage of patients dialysing as at 31/12/11#

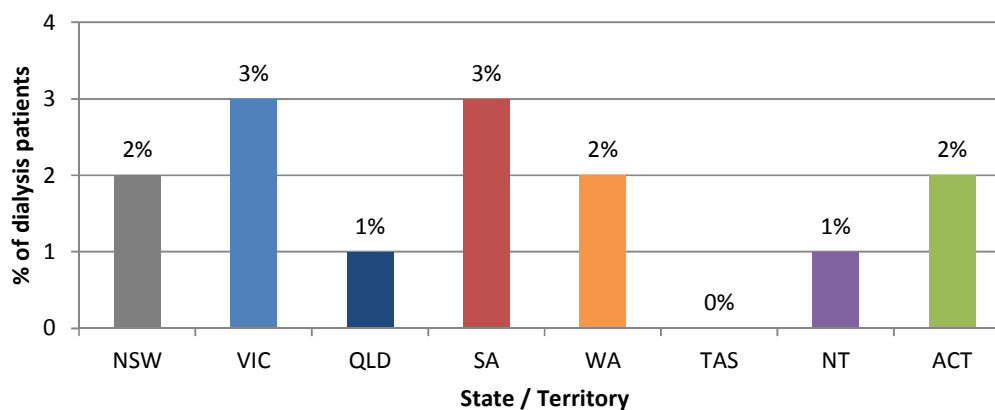


4.4 Number of living donor kidney transplants in 2012 by patient state or territory as percentage of patients dialysing as at 31/12/2011#

Patient State / Territory	Number of kidneys transplanted from live donors in 2011 (from table 2.3)	Percentage of all live donor kidney transplants in 2012 (from table 2.3)	Number of patients on dialysis as at 31/12/2011#	Number of transplanted patients in 2011 with live donor kidney as a % of total patients on dialysis for that state/territory as at 31/12/2011#
NSW	65	28%	3555	2%
VIC	84	36%	2693	3%
QLD	29	13%	2005	1%
SA	21	9%	712	3%
WA	24	10%	1097	2%
TAS	1	0%	204	0%
NT	3	1%	468	1%
ACT	5	2%	264	2%
ALL	232	100%	10998	2%

#Dialysis Data reported has been supplied by the Australia and New Zealand Dialysis and Transplant Registry. The interpretation and reporting of these data are the responsibility of the authors and in no way should be seen as an official policy or interpretation of the Australia and New Zealand Dialysis and Transplant Registry.

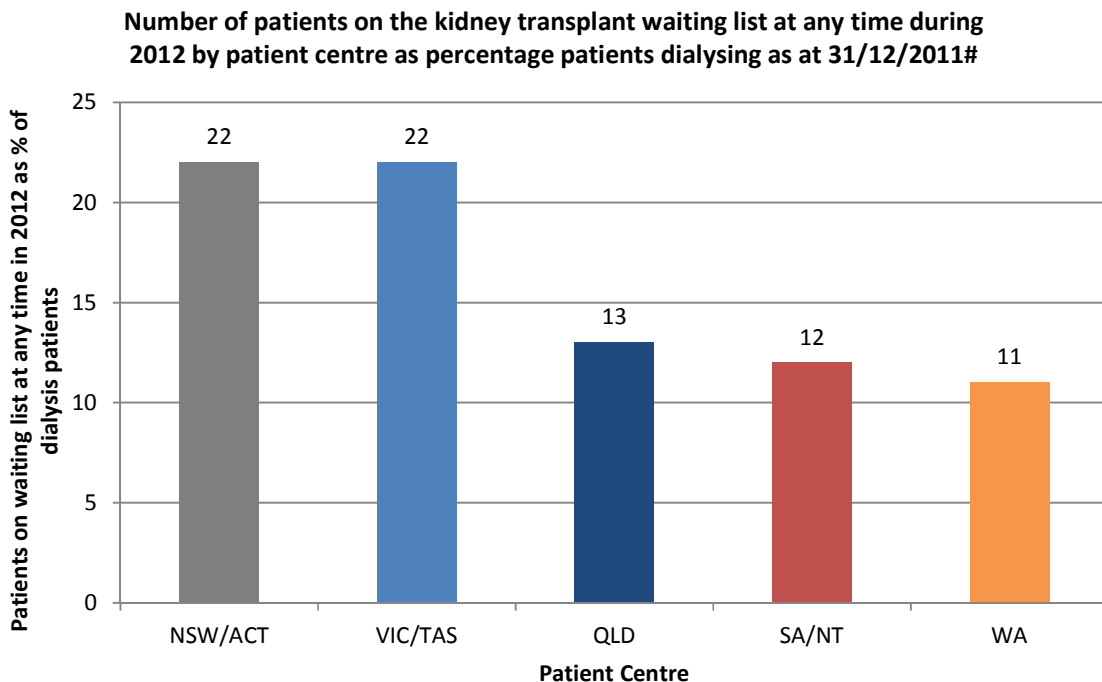
Number of living donor kidney transplants in 2012 by patient state or territory as percentage of patients dialysing as at 31/12/11#



4.5 Number of patients on the kidney transplant waiting list at any time during 2012 as percentage patients dialysing as at 31/12/2011#

Patient State / Territory	Number of patients on the waiting list at any time during 2012	Number of patients on dialysis as at 31/12/2011#	Number of patients on the waiting list at any time during the year of 2012 as % of total patients on dialysis for that state/territory as at 31/12/2011#
NSW/ACT	850	3819	22%
VIC/TAS	645	2897	22%
QLD	265	2005	13%
SA/NT	147	1180	12%
WA	125	1097	11%
ALL	2032	10998	18%

#Dialysis Data reported has been supplied by the Australia and New Zealand Dialysis and Transplant Registry. The interpretation and reporting of these data are the responsibility of the authors and in no way should be seen as an official policy or interpretation of the Australia and New Zealand Dialysis and Transplant Registry.

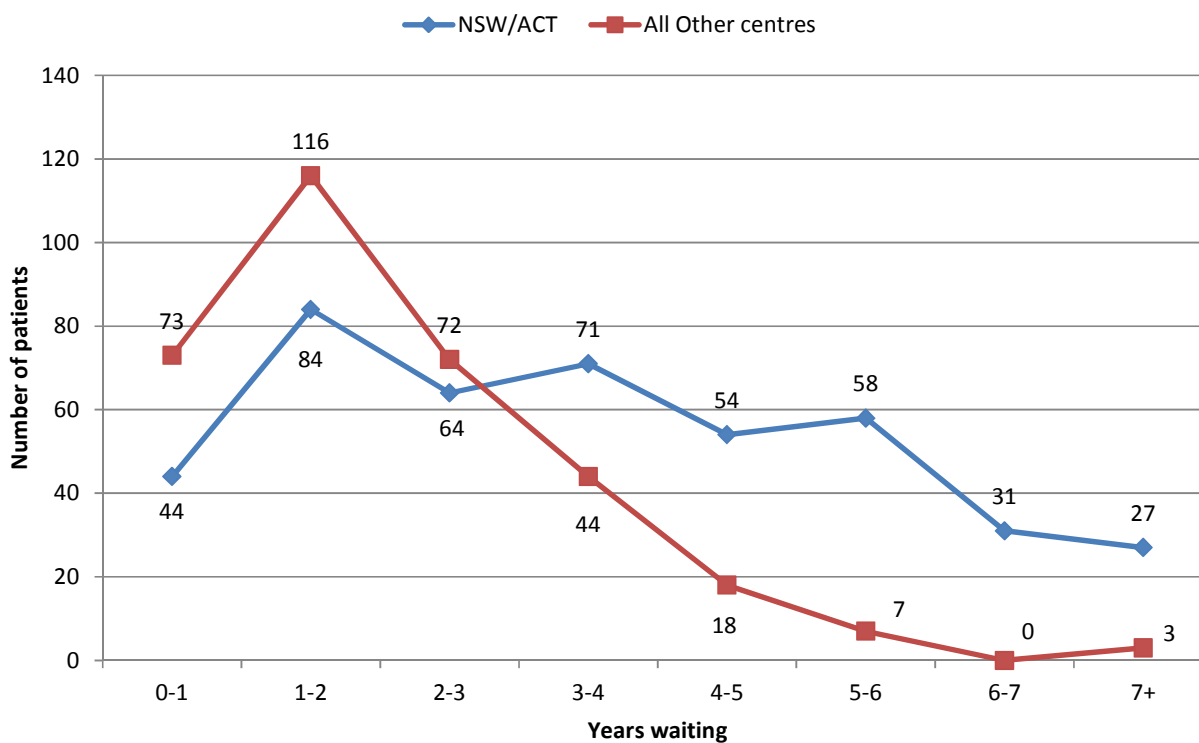


4.6 Years waiting for first kidney transplant for NSW/ACT and other centres patients waiting on 1/4/2013*

Centre	Years Waiting								Total
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7+	
NSW/ACT	44	84	64	71	54	58	31	27	433
All other centres	73	116	72	44	18	7	0	3	333
ALL	117	200	136	115	72	65	31	30	766

*Figures do not include patients with unknown previous transplant count

Years waiting for first kidney transplant for NSW/ACT and other centres patients waiting on 1/4/13



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