

Preliminary Report

Data to 31-Dec-2013



Summary of Dialysis and Transplantation in Australia and New Zealand

*Preliminary analysis based on data collected to for
the 2013 end year survey and supersedes any
monthly interim summaries released during 2013*



*Release version 2.0
20-Mar-2015*

2014

ANZDATA Registry



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Release Notes

<i>Version 1.0</i>	<i>23rd December 2014</i>	<i>Initial release and published to website</i>
<i>Version 2.0</i>	<i>20th March 2015</i>	<i>Revised Living Kidney Donor numbers</i>
		<i>Revised Home Dialysis numbers</i>
		<i>Second release and published to website</i>

AUSTRALIA SUMMARY 1-Jan-2013 to 31-Dec-2013

Hospital/State	Dialysis Patients At 31-Dec-2013							Functioning Transplants At 31-Dec-2013								Patient Flow 1-Jan-2013 to 31-Dec-2013						
	HD			PD		Total DX Patients		Caring Hospital				Transplanting Hospital				New Dx	New Tx		Deaths		Total Pt Flow ¹	
	Hosp	Sat	Home	APD	CAPD			1	2	3+	Total	1	2	3+	Total		DD	LD	Dx	Tx		
Australia	2658	5715	1095	1448	858	11774	[1123]	#217	#21	#2	#240	#217	#21	#2	#240	2544	630	252	1534	224	23318	J80 K10
Queensland	926	581	263	223	207	2200	[214]	#39	1708	150	21	#39	#38	#38	1736	492	121	28	272	40	4414	J21 K2
Allamanda Dialysis Unit	57	0	0	1	0	58	[3]	6	1	-	7	-	-	-	-	10	-	-	16	-	82	J1
Bundaberg Hospital	70	0	3	3	1	77	[6]	30	2	-	32	-	-	-	-	17	-	-	10	-	120	J1
Cairns Hospital	64	103	39	33	2	241	[14]	67	7	-	74	-	-	-	-	49	-	-	21	3	339	
Chermside Dialysis Unit (Nephrocare)	0	34	0	0	0	34	[3]	16	1	-	17	-	-	-	-	12	-	-	7	1	59	
Child & Adolescent Renal Service	2	0	0	5	0	7	[3]	60	-	-	60	-	-	-	-	11	-	-	1	-	68	
Gold Coast Hospital	58	54	34	7	21	174	[26]	144	14	3	161	-	-	-	-	27	-	-	20	4	360	J1
Robina Satellite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
Greenslopes Private Hospital	75	0	0	0	0	75	[8]	37	3	-	40	-	-	-	-	18	-	-	17	-	133	K1
Hervey Bay Hospital	29	12	6	8	10	65	[2]	30	1	-	31	-	-	-	-	16	-	-	11	1	109	J1
John Flynn Hospital	41	0	1	0	0	42	[1]	58	3	-	61	-	-	-	-	13	-	-	11	-	114	
Mackay Hospital	52	2	1	1	0	56	[3]	23	2	-	25	-	-	-	-	22	-	-	5	1	91	J4
Princess Alexandra Hospital	103	151	79	41	91	465	[53]	1	-	-	1	-	-	-	-	112	1	-	55	-	530	J9
QLD Renal Transplant Service@	-	-	-	-	1	1	[1]	667	75	12	754	1574	146	16	1736	1	120	28	-	18	773	
Rockhampton Hospital	54	17	13	15	1	100	[15]	47	3	-	50	-	-	-	-	21	-	-	16	1	167	
Royal Brisbane Hospital	86	59	32	40	32	249	[23]	138	4	1	143	-	-	-	-	63	-	-	23	2	419	J2
St Andrew's Dialysis Clinic	12	5	0	0	0	17	[1]	-	-	-	-	-	-	-	-	3	-	-	4	-	21	
Sunshine Coast Health																					0	
Caloundra Private Hospital	13	0	0	1	0	14	[1]	-	-	-	-	-	-	-	-	2	-	-	1	-	15	
Nambour Hospital	36	52	18	13	2	121	[15]	134	11	2	147	-	-	-	-	21	-	-	13	4	286	K1
Nambour Selangor Private Hospital	16	1	0	0	0	17	[1]	-	-	-	-	-	-	-	-	4	-	-	3	-	20	
Toowoomba Hospital	44	23	22	8	22	119	[14]	78	5	1	84	-	-	-	-	18	-	-	8	3	214	
Townsville Hospital	66	67	15	47	24	219	[11]	74	14	1	89	-	-	-	-	38	-	-	26	1	336	J1
Wesley Hospital	48	1	0	0	0	49	[10]	98	4	1	103	-	-	-	-	14	-	-	3	1	157	J1
New South Wales	946	1441	467	603	307	3764	[288]	#116	#11	41	#127	#120	#12	#1	#133	783	181	107	510	65	7080	J25 K1
Coffs Harbour Hospital	40	2	3	2	2	49	[1]	41	4	-	45	-	-	-	-	8	-	-	4	-	98	
Dubbo Base Hospital	40	10	1	22	15	88	[3]	39	-	1	40	-	-	-	-	16	-	-	12	1	142	J1
East Coast Renal Service*	-	-	-	-	-	-	[-]	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
Prince Of Wales Hospital	40	35	6	20	6	107	[9]	150	15	5	170	336	36	11	383	27	32	17	20	1	298	
St George Hospital	117	39	37	61	3	257	[14]	157	11	-	168	76	3	-	79	61	-	-	34	4	463	
St Vincent's Hospital	59	4	15	17	7	102	[10]	73	8	4	85	59	7	4	70	32	2	3	17	3	209	J2
Sydney Children's Hospital	2	0	0	2	1	5	[0]	30	2	-	32	57	3	-	60	10	3	4	1	-	39	J1
Wollongong Hospital	4	137	18	34	18	211	[13]	127	8	7	142	-	-	-	-	32	-	-	21	5	380	J1
Gosford Hospital	54	74	19	17	6	170	[14]	81	7	-	88	-	-	-	-	42	-	-	17	3	278	
John Hunter Hospital	55	138	35	38	3	269	[20]	218	31	3	252	282	27	1	310	70	28	19	59	9	592	J3
Lismore Hospital	30	55	21	11	2	119	[9]	69	5	-	74	-	-	-	-	15	-	-	15	2	211	J1
Lismore Private Dialysis Clinic	4	11	0	0	0	15	[0]	-	-	-	-	-	-	-	-	3	-	-	5	-	21	J1
Macleay Dialysis Centre Kempsey	0	14	0	0	0	14	[1]	-	-	-	-	-	-	-	-	-	-	-	4	-	18	
Manning Rural Referral Hospital	24	14	4	7	2	51	[3]	6	-	-	6	-	-	-	-	9	-	-	7	-	65	J1
Mater Hospital	2	30	0	0	0	32	[2]	12	3	-	15	3	-	-	3	2	-	-	4	-	51	
Mayo Private Hospital	10	0	0	0	0	10	[1]	6	-	-	6	-	-	-	-	-	-	-	5	-	21	
Newcastle Nephrocare	2	32	0	0	0	34	[4]	-	-	-	-	-	-	-	-	3	-	-	4	1	39	
Port Macquarie Hospital	28	1	6	10	4	49	[2]	32	-	-	32	-	-	-	-	13	-	-	11	-	97	J4 K1
Port Macquarie Private	19	0	0	1	0	20	[0]	3	-	-	3	-	-	-	-	3	-	-	3	-	26	
Royal North Shore Hospital	51	95	32	27	11	216	[24]	178	17	5	200	193	17	8	218	47	17	6	17	5	440	J2
Southwest Sydney Renal Service**	71	233	58	149	42	553	[23]	223	3	-	226	-	-	-	-	116	-	-	76	4	860	J1
Statewide Renal Services	58	205	88	49	46	446	[46]	417	56	7	480	740	78	10	828	72	40	35	57	12	996	J1
Concord Hospital	-	-	-	-	-	-	[-]	-	-	-	-	19	-	-	19	-	-	-	-	-	0	
Royal Prince Alfred Hospital	0	1	0	0	0	1	[0]	-	-	-	-	85	12	2	99	-	-	-	-	-	1	
Sydney Adventist Hospital	46	2	0	0	0	48	[2]	4	-	-	4	-	-	-	-	10	-	-	4	-	56	
Tamworth Hospital	43	29	7	12	8	99	[9]	62	3	-	65	-	-	-	-	25	-	-	17	3	185	J1
The Children's Hospital Westmead	5	0	0	2	0	7	[0]	55	3	-	58	92	7	1	100	8	2	7	-	-	65	
The Tweed Hospital	43	1	8	5	1	58	[5]	1	-	-	1	-	-	-	-	11	-	-	12	-	71	
Western Renal Network																					0	
Westmead Hospital	55	185	103	87	101	531	[58]	417	34	8	459	752	48	7	807	109	57	16	52	9	1054	J3
Orange Hospital	25	34	4	6	12	81	[8]	34	1	1	36	-	-	-	-	8	-	-	6	3	126	
Nepean Hospital	19	60	2	24	17	122	[7]	28	-	-	28	-	-	-	-	31	-	-	26	-	178	J2
[Sydney Hospital]***	-	-	-	-	-	-	[-]	-	-	-	-	20	1	1	22	-	-	-	-	-	0	

11 APD and 19 CAPD patients were reported as being treated 'in-hospital'.

Total Patient Flow = Total Dialysis Patients + Total Functioning Transplants (Caring Hospital) + Dialysis and Transplant Deaths + J and K Patients

NEW ZEALAND SUMMARY 1-Jan-2013 to 31-Dec-2013

Hospital	Dialysis Patients At 31-Dec-2013						Functioning Transplants At 31-Dec-2013								Patient Flow 1-Jan-2013 to 31-Dec-2013								
	HD			APD			Caring Hospital				Transplanting Hospital				New Patients	New Tx		Deaths		Total Patient Flow*			
	Hospital	Satellite	Home			Total DX Patients	1	2	3+	Total	1	2	3+	Total		DD	LD	Dx	Tx				
New Zealand																							
	912	365	475	389	443	2584	221	#24	#3		#27	#24	#3		#27								
								1427	125	20	1572	1421	128	19	1568	546	57	58	351	30	4555	J15 K3	
Auckland Hospital	130	90	52	20	17	309	33	174	16	4	194	744	49	3	796	63	35	34	39	4	549	J3	
Christchurch Hospital	19	0	44	24	48	135	16	228	22	4	254	301	34	8	343	42	6	8	28	3	420		
Dunedin Hospital	10	0	53	8	24	95	12	89	12	4	105					13			14		214		
Hawkes Bay Hospital	59	1	10	21	6	97	12	69	8	1	78					25			17	1	193		
Middlemore Hospital	258	77	81	47	113	576	34	136	3		139					116			75	3	800	J5 K2	
Palmerston Hospital	72	0	24	7	35	138	11	60	5		65					20			11	2	217	J1	
Starship Children's	3	0	0	4	1	8	1	36			36					5					44		
Taranaki Hospital	21	0	10	14	7	52	8	33	5		38					8			8		99	J1	
Waikato Hospital	94	58	89	137	94	472	33	171	10		181	28	4	1	33	84			73	3	730	J1	
Waitemata Renal	116	57	54	34	27	288	27	135	12		147					74			22	4	463	J2	
Wellington Hospital	78	43	34	33	62	250	27	229	27	7	263	348	41	7	396	72	16	16	46	6	568	J2 K1	
Whangarei Hospital	52	39	24	40	9	164	7	67	5		72					24			18	4	258		

5 APD and 12 CAPD patients were reported as being treated 'in-hospital'.

Total Patient Flow = Total Dialysis Patients + Total Functioning Transplants (Caring Hospital) + Dialysis and Transplant Deaths + J and K Patients

Explanation of Symbols used in Australian Summary

X Australian transplanted patients (cared for in New Zealand)

+ New Zealand transplanted patients (cared for in Australia)

J Patients no longer dialysing - renal function recovered

K Patients transferred to dialysis outside of Australia or lost to follow-up

Transplanted patients lost to follow-up (not included in totals)

National and State Summary 1-Jan-2013 to 31-Dec-2013

State/ Country	New Patients (PPMP)	Transplant Operations		Deaths		At 31-Dec-2013		
		Transplant State	Resident State (PPMP)	Dialysis	Transplant	Functioning Transplants Resident State	On Dialysis (PPMP)	Total (PPMP)
Australia	2544 (111)	882	881 (39)	1534	224	9696 (424)	11774 (515)	21470 (939)
QLD	492 (107)	149	146 (32)	272	40	1879 (410)	2200 (480)	4079 (891)
NSW +	783 (110)	288	269 (38)	510	65	2715 (381)	3764 (528)	6479 (908)
ACT *	53 (88)	-	15 (25)	32	7	233 (388)	288 (479)	521 (867)
VIC	651 (115)	266	258 (45)	340	48	2644 (466)	2892 (510)	5536 (976)
TAS	44 (85)	-	8 (15)	44	10	223 (430)	216 (417)	439 (847)
SA	165 (100)	81	75 (45)	110	27	970 (585)	753 (454)	1723 (1039)
NT	85 (364)	-	9 (38)	48	2	86 (368)	521 (2228)	607 (2596)
WA	271 (110)	98	101 (41)	178	25	946 (383)	1140 (461)	2086 (844)
New Zealand	546 (122)	115	115 (26)	351	30	1572 (352)	2584 (579)	4156 (931)

PPMP = patients per million population

240 patients transplanted in Australia and 27 patients transplanted in New Zealand were lost to follow-up.

+ NSW population excludes residents of the Southern Area Health Service

* ACT population includes residents of the Southern Area Health Service

Medical services in the ACT service the Southern Area Health Service

Population Data Sources:

Australian population data, ABS 3101.0 Demographic Statistics Jun 2012, released 18-Dec-2012

Southern Area Health Service data, ABS 3235.0 NSW Population by Age and Sex, Regions of Australia, released 30-Aug-2013

New Zealand population data, Statistics NZ Infoshare Estimated Resident Population, released 14-Nov-2012

Primary Renal Disease of New Patients 1-Jan-2013 to 31-Dec-2013				
Primary Renal Disease	Australia		New Zealand	
	Number	PPMP	Number	PPMP
Glomerulonephritis	493	21.6	118	47.8
Analgesic Nephropathy	26	1.1	1	0.4
Polycystic Renal Disease	161	7	30	12.1
Reflux Nephropathy	48	2.1	13	5.3
Hypertension	359	15.7	51	20.6
Diabetes	887	38.8	267	108.1
- Type I (Insulin Dependent)	88	3.8	18	7.3
- Type II (Non-insulin Requiring)	350	15.3	93	37.6
- Type II (Insulin Requiring)	449	19.6	156	63.1
Miscellaneous	438	19.2	54	21.9
Uncertain	132	5.8	12	4.9
Total	2544	111.2	546	221

PPMP = patients per million population

New Patients with Diabetic Nephropathy 1-Jan-2013 to 31-Dec-2013		
State	Number	Percent
Australia	887	35%
QLD	159	32%
NSW	263	34%
ACT	17	32%
VIC	229	35%
TAS	16	36%
SA	52	32%
NT	66	78%
WA	85	31%
New Zealand	267	49%

Home Dialysis 1-Jan-2013 to 31-Dec-2013		
State	Number	Percent
Australia	3365	29%
QLD	678	31%
NSW	1365	36%
ACT	60	21%
VIC	711	25%
TAS	56	26%
SA	161	21%
NT	67	13%
WA	267	23%
New Zealand	1290	50%

Living Donor Transplants				
Resident State	Transplant Operations		Functioning Transplants	
	1-Jan-2013 to 31-Dec-2013		At 31-Dec-2013	
	Number	Percent	Number	Percent
Australia	251	28%	3448	36%
QLD	24	16%	531	29%
NSW	102	38%	1049	40%
ACT	7	47%	89	39%
VIC	81	31%	987	38%
TAS	2	25%	112	50%
SA	12	16%	278	29%
NT	.0	0%	24	28%
WA	23	23%	378	40%
Overseas	1	0.3%	0	0%
New Zealand	58	50%	689	45%

240 (147 living donor) patients transplanted in Australia and 27 (21 living donor) patients transplanted in New Zealand were lost to follow-up. These patients are not included in totals.
151 patients residing in Australia and 30 residing in NZ at 31-Dec-2013 who were transplanted overseas are excluded since donor status is unknown.

Number of Renal Transplant Operations 1-Jan-2013 to 31-Dec-2013					
Graft Number	1st	2nd	3rd	4th	Total
Australia	787 (222)	85 (26)	7 (3)	2 (0)	881 (251)
New Zealand	110 (56)	5 (2)	0 (0)	0 (0)	115 (58)

Multi-Organ Kidney Transplants 1-Jan-2013 to 31-Dec-2013		
Organs	Australia	New Zealand
Kidney/Liver Transplant	(1) QLD Resident - Transplanted in QLD (2) NSW Resident - Transplanted in NSW (1) VIC Resident - Transplanted in VIC (1) WA Resident - Transplanted in WA	
Kidney/Heart Transplant	(1) NSW Resident - Transplanted in NSW	
Kidney/Pancreas Transplant	(8) QLD Resident - Transplanted in NSW (7) NSW Resident - Transplanted in NSW (1) ACT Resident - Transplanted in NSW (12) VIC Resident - Transplanted in VIC (1) SA Resident - Transplanted in VIC (1) NT Resident - Transplanted in NSW (3) WA Resident - Transplanted in NSW	(1) NZ Resident - Transplanted in NZ

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