

CHAPTER 7

TRANSPLANT WAITING LIST

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The methods ANZDATA uses to collect transplant waiting list data changed in 2006. Rather than rely on units contributing individual data, we now collaborate with the National Organ Matching System (an Australian Government funded project) which supplies the Australian waiting list data and Organ Donation New Zealand which supplies the New Zealand waiting list data. This is cross-checked against ANZDATA records. The data in this Report includes people on the waiting list for a donor kidney transplant at 31st December 2006.

The National Organ Matching System maintains a separate waiting list for each State transplant region (Qld, NSW/ACT, Vic/Tas, SA/NT and WA) which determine their own acceptance criteria. Deceased donor kidneys are then allocated using the National Organ Matching System at two levels - there is a national scheme for very well matched kidneys and sensitised recipients: each region also has their own State-based allocation scheme.

AUSTRALIA

The number of patients receiving dialysis who were on the transplant waiting list at 31st December 2006 was 1,344, 15% of the 9,182 patients dialysing, (compared to 16% at 31st December 2005). Among the States, the proportion of patients on dialysis awaiting transplantation ranged from 25% in the ACT to 2% in the Northern Territory (Figure 7.1).

Of those on the waiting list; 1,106 (82%) were waiting for their first transplant and 238 had received a previous transplant (Figure 7.1).

The highest proportion awaiting transplantation was among satellite haemodialysis (37%), followed by home haemodialysis (24%), automated peritoneal dialysis (15%), hospital haemodialysis (12%) and continuous ambulatory peritoneal dialysis (9%) (Figure 7.4).

In the age group < 65 years, 1,238 (25%) of 4,855 patients were on the waiting list. The State ratios ranged from the ACT (39%), New South Wales (38%), Queensland (18%) and the Northern Territory (2%) (Figure 7.3). These proportions need to be interpreted in the light of different transplant rates between States, and different acceptance and allocation criteria.

Of the age group < 55 years, 874 (31%) of 2,836 patients were on the waiting list.

Of the age group >=65 years, 106 (2%) of 4,327 patients were on the waiting list.

The proportion in each State ranged from the ACT (48%), New South Wales (45%), Victoria (35%), Western Australia (25%), Queensland (19%), South Australia and Tasmania (18%) and the Northern Territory (2%).

Of the 1,238 patients < 65 years on the waiting list in Australia at 31st December 2006, 51 (4%) were Aboriginal/Torres Strait Islander patients; residing in the Northern Territory (40%), Western Australia (21%), Queensland, South Australia and Tasmania all (7%), New South Wales and the ACT (2%) and Victoria none.

NEW ZEALAND

There were 1,971 patients dialysing at 31st December 2006, with 327 (17%) on the transplant waiting list, (compared to 13% in 2005). Eighty one percent (265) of patients were waiting for their first transplant (13% of all patients on dialysis).

Of patients < 55 years old, 193 (25%) of 772 patients and < 65 years old, 282 (22%) of 1,294 patients and >= 65 years old, 45 (7%) of 677 patients were on the transplant waiting list.

There were 61 (22%) Maori patients, 40 (14%) Pacific People and 18 (6%) Asians < 65 years old on the waiting list (Figure 7.3).

Figure 7.1

Patients on the Waiting List 31-Dec-2006 Related to Previous Transplantation (Patients Dialysing)										
Transplant Category	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
No Previous Transplant	87 (5%)	566 (19%)	40 (20%)	289 (12%)	10 (6%)	26 (4%)	3 (1%)	85 (10%)	1106 (12%)	265 (13%)
Previous Transplant	35 (2%)	83 (3%)	11 (5%)	62 (3%)	4 (3%)	19 (3%)	2 (1%)	22 (3%)	238 (3%)	62 (3%)
Total Waiting	122 (7%)	649 (22%)	51 (25%)	351 (15%)	14 (9%)	45 (8%)	5 (2%)	107 (12%)	1344 (15%)	327 (17%)
(Patients Dialysing)	1690	3010	205	2334	158	599	326	860	9182	1971

Figure 7.2

Patients on the Waiting List 31-Dec-2006 By Age Group (Patients Dialysing)										
Age Groups	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
00-04 years	-	1 (2)	-	- (4)	-	-	-	- (2)	1 (8)	- (2)
05-14 years	- (4)	1 (5)	-	2 (7)	-	- (3)	-	1 (2)	4 (21)	3 (8)
15-24 years	4 (25)	22 (51)	1 (3)	8 (19)	- (1)	- (2)	- (2)	6 (15)	41 (118)	11 (53)
25-34 years	12 (70)	64 (127)	8 (12)	45 (93)	2 (11)	3 (20)	1 (15)	9 (36)	144 (384)	33 (121)
35-44 years	31 (157)	130 (257)	10 (20)	74 (214)	5 (15)	10 (53)	1 (63)	25 (92)	286 (871)	63 (216)
45-54 years	53 (269)	177 (432)	10 (25)	102 (323)	3 (28)	17 (92)	2 (113)	34 (152)	398 (1434)	83 (372)
55-64 years	16 (363)	188 (661)	13 (49)	101 (508)	3 (39)	13 (127)	1 (84)	29 (188)	364 (2019)	89 (522)
65-74 years	6 (386)	65 (790)	9 (53)	19 (616)	1 (42)	2 (160)	- (42)	3 (182)	105 (2271)	43 (460)
75-84 years	- (345)	1 (623)	- (42)	- (505)	- (17)	- (131)	- (7)	- (168)	1 (1838)	2 (200)
>=85 years	- (71)	- (62)	- (1)	- (45)	- (5)	- (11)	-	- (23)	- (218)	- (17)
Total	122 (1690)	649 (3010)	51 (205)	351 (2334)	14 (158)	45 (599)	5 (326)	107 (860)	1344 (9182)	327 (1971)

Figure 7.3

Patients on Waiting List Related to Race and Age <65 years 31-Dec-2006										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
Caucasoid	93	420	35	258	12	36	2	64	920	162
Aboriginal/TSI	8	13	1	0	1	3	2	23	51	0
Maori	0	8	0	3	0	0	0	1	12	61
Pacific People	1	15	0	6	0	0	0	0	22	40
Asian	13	115	5	57	0	3	1	11	205	18
Other	1	12	1	8	0	1	0	5	28	1
Total	116	583	42	332	13	43	5	104	1238	282

Figure 7.4

Patients on the Waiting List Related to Treatment 31-Dec-2006										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
APD	10	111	3	55	1	5	1	17	203	51
Hospital HD	37	86	0	21	10	3	0	10	167	46
Home HD	36	222	10	71	2	2	1	6	350	106
Satellite HD	20	175	29	173	1	33	3	65	499	58
CAPD	19	55	9	31	0	2	0	9	125	66
Total	122	649	51	351	14	45	5	107	1344	327