

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 2007.

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 2007 was 1,264, 13% of the 9,642 patients dialysing, (compared to 15% at 31st December 2006). Among the States, the proportion of patients on dialysis awaiting transplantation ranged from 23% in the ACT to 1% in the Northern Territory (Figure 7.1).

Of those on the waiting list; 1,038 (82%) were waiting for their first transplant and 226 had received a previous transplant (Figure 7.1).

The highest proportion awaiting transplantation was among satellite haemodialysis (36%), followed by home haemodialysis (27%), automated peritoneal dialysis (19%), hospital haemodialysis (12%) and continuous ambulatory peritoneal dialysis (7%) (Figure 7.4).

In the age group < 65 years, 1,159 (23%) of 5,063 patients were on the waiting list. The State ratios ranged from the ACT (34%), New South Wales (34%), Victoria (25%, South Australia (19%), Western Australia (17%), Tasmania (15%), Queensland (11%) and the Northern Territory (1%) (Figure 7.3). These proportions need to be interpreted in the light of different transplant rates between States, and different acceptance and allocation criteria.

In the age groups ≥ 65 years, 105 (2%) of 4,579 patients and in the group < 55 years, 819 (27%) of 2,993 patients were on the waiting list.

The proportion of the age group <55 years in each State ranged from New South Wales (40%), the ACT (37%), Victoria (31%), Tasmania (22%), Western Australia (21%), South Australia (20%), Queensland (16%) and the Northern Territory (1%).

Of the 1,159 patients < 65 years on the waiting list in Australia at 31st December 2007, 49 (4%) were Aboriginal/Torres Strait Islander patients; residing in the Northern Territory (25%), Western Australia (24%), Queensland (7%), South Australia (9%), New South Wales and the ACT (2%), Victoria and Tasmania none.

NEW ZEALAND

There were 2,064 patients dialysing at 31st December 2007, with 290 (14%) on the transplant waiting list, (compared to 17% in 2006). Eighty two percent (237) of patients were waiting for their first transplant (11% of all patients on dialysis).

Of patients < 55 years old, 164 (21%) of 793 patients and < 65 years old, 244 (18%) of 1,346 patients and ≥ 65 years old, 46 (6%) of 718 patients were on the transplant waiting list.

There were 46 (19%) Maori patients, 34 (14%) Pacific People and 24 (10%) Asians < 65 years old on the waiting list (Figure 7.3).

Figure 7.1

Patients on the Waiting List 31-Dec-2007 Related to Previous Transplantation (Patients Dialysing)										
Transplant Category	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
No Previous Transplant	87 (5%)	527 (17%)	40 (19%)	262 (11%)	13 (8%)	38 (6%)	2 (1%)	69 (8%)	1038 (11%)	237 (11%)
Previous Transplant	26 (1%)	82 (3%)	8 (4%)	62 (3%)	3 (2%)	22 (4%)	2 (1%)	21 (2%)	226 (2%)	53 (3%)
Total Waiting	113 (6%)	609 (19%)	48 (23%)	324 (13%)	16 (9%)	60 (10%)	4 (1%)	90 (10%)	1264 (13%)	290 (14%)
(Patients Dialysing)	1788	3169	213	2402	173	620	361	916	9642	2064

Figure 7.2

Patients on the Waiting List 31-Dec-2007 By Age Group (Patients Dialysing)										
Age Groups	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
00-04 years	- (2)	-	-	- (3)	-	- (1)	-	-	- (6)	1 (4)
05-14 years	1 (6)	5 (10)	-	3 (11)	-	- (1)	- (1)	1 (4)	10 (33)	2 (6)
15-24 years	4 (22)	24 (51)	- (3)	7 (22)	-	1 (4)	- (3)	6 (17)	42 (122)	11 (62)
25-34 years	18 (74)	51 (130)	5 (13)	30 (76)	1 (6)	5 (22)	2 (22)	6 (36)	118 (379)	29 (115)
35-44 years	29 (174)	117 (273)	10 (23)	80 (234)	6 (16)	8 (51)	- (68)	20 (89)	270 (928)	42 (225)
45-54 years	41 (294)	180 (475)	8 (23)	91 (329)	6 (38)	20 (87)	1 (108)	32 (171)	379 (1525)	79 (381)
55-64 years	15 (377)	169 (662)	14 (47)	93 (518)	2 (37)	22 (122)	1 (107)	24 (200)	340 (2070)	80 (553)
65-74 years	5 (401)	62 (809)	11 (58)	20 (616)	1 (50)	4 (176)	- (44)	1 (196)	104 (2350)	44 (485)
75-84 years	- (359)	1 (693)	- (42)	- (543)	- (21)	- (137)	- (8)	- (179)	1 (1982)	2 (206)
>=85 years	- (79)	- (66)	- (4)	- (50)	- (5)	- (19)	-	- (24)	- (247)	- (27)
Total	113 (1788)	609 (3169)	48 (213)	324 (2402)	16 (173)	60 (620)	4 (361)	90 (916)	1264 (9642)	290 (2064)

Figure 7.3

Patients on Waiting List Related to Race and Age <65 years 31-Dec-2007										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
Caucasoid	85	391	32	240	15	49	2	53	867	138
Aboriginal/TSI	8	13	1	0	0	5	1	21	49	0
Maori	0	6	0	3	0	0	0	0	9	46
Pacific People	1	15	0	5	0	0	0	0	21	34
Asian	12	110	3	48	0	2	1	12	188	24
Other	2	11	1	8	0	0	0	3	25	2
Total	108	546	37	304	15	56	4	89	1159	244

Figure 7.4

Patients on the Waiting List Related to Treatment 31-Dec-2007										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
APD	12	126	4	61	2	16	1	16	238	39
Hospital HD	39	78	2	17	8	2	0	2	148	37
Home HD	34	213	12	68	2	1	1	6	337	93
Satellite HD	13	148	26	157	4	40	2	61	451	48
CAPD	15	44	4	21	0	1	0	5	90	73
Total	113	609	48	324	16	60	4	90	1264	290