

CHAPTER 7

TRANSPLANT WAITING LIST

Steven Chadban
Stephen McDonald
Brian Livingston
Leonie Excell



The methods ANZDATA uses to collect transplant waiting list data changed in 2006. Rather than rely on units contributing individual data, we now use the waiting lists data from the Australian and NZ cross matching laboratories. This is cross-checked against ANZDATA records. The data here includes people on the waiting list for a deceased donor kidney transplant at 31st December 2005.

AUSTRALIA

The number of patients receiving dialysis who were on the transplant waiting list at 31st December 2005 was 1,365, 16% of the 8,528 patients dialysing, (compared to 19% at 31st December 2004). Among the States, the proportion of patients on dialysis awaiting transplantation ranged from 31% in the ACT to 3% in the Northern Territory (Figure 7.1).

Of those on the waiting list; 1,112 (81%) were waiting for their first transplant and 253 had received a previous transplant (Figure 7.1).

The highest proportion awaiting transplantation was among satellite haemodialysis (39%), followed by home haemodialysis (25%), automated peritoneal dialysis and hospital haemodialysis both (13%) and continuous ambulatory peritoneal dialysis (11%) (Figure 7.4).

In the age group <65 years, 1,263 (28%) of 4,566 patients were on the waiting list. The State ratios ranged from the ACT (47%), New South Wales (39%), Queensland (16%) and the Northern Territory (4%) (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, 897 (33%) of 2,746 patients were on the waiting list.

The proportion in each State ranged from the ACT (53%), New South Wales (46%), Victoria (36%), Western Australia (36%), Tasmania (34%), Queensland (23%), South Australia (18%), and the Northern Territory (4%).

Of the 1,263 patients <65 years on the waiting list in Australia at 31st December 2005, 65 (5%) were Aboriginal/Torres Strait Islander patients, residing in the Northern Territory (80%), Western Australia (22%), Queensland (7%), New South Wales (4%) the ACT and South Australia both (2%) and Victoria (1%).

NEW ZEALAND

There were 1,854 patients dialysing at 31st December 2005, with 240 (13%) on the transplant waiting list, (compared to 18% in 2004). Eighty percent (192) of patients were waiting for their first transplant (10% of all patients on dialysis).

Of patients <55 years old, 160 (22%) of 733 patients and <65 years old, 214 (17%) of 1,229 patients were on the transplant waiting list.

There were 46 (21%) Maori patients, 27 (13%) Pacific People and 16 (7%) Asians <65 years old, on the waiting list (Figure 7.3).

Figure 7.1										
Patients on the Waiting List 31-Dec-2005										
Related to Previous Transplantation										
(Patients dialysing)										
Transplant Category	Qld	NSW	ACT	Vic	Tas	SA	NT	WA	Aust	NZ
No Previous Transplant	101 (6%)	529 (20%)	49 (26%)	283 (13%)	23 (15%)	37 (7%)	7 (2%)	83 (10%)	1112 (13%)	192 (10%)
Previous Transplant	38 (2%)	84 (3%)	11 (6%)	71 (3%)	7 (5%)	17 (3%)	3 (1%)	22 (3%)	253 (3%)	48 (3%)
Total Waiting	139 (9%)	613 (23%)	60 (31%)	354 (16%)	30 (19%)	54 (10%)	10 (3%)	105 (13%)	1365 (16%)	240 (13%)
(Patients dialysing)	(1592)	(2705)	(191)	(2161)	(156)	(567)	(308)	(848)	(8528)	(1854)

Figure 7.2

Patients on the Waiting List 31-Dec-2005 By Age Group (Patients dialysing)										
Age Groups	Qld	NSW	ACT	Vic	Tas	SA	NT	WA	Aust	NZ
00-04 years	1 (1)	- (1)	-	- (2)	-	- (1)	-	- (1)	1 (6)	1 (1)
05-14 years	1 (5)	1 (3)	-	2 (7)	-	- (2)	-	1 (1)	5 (18)	2 (10)
15-24 years	7 (19)	22 (50)	3 (6)	10 (23)	- (1)	- (5)	- (4)	6 (16)	48 (24)	9 (46)
25-34 years	19 (76)	64 (126)	7 (12)	46 (104)	7 (13)	4 (25)	1 (12)	15 (45)	163 (413)	23 (114)
35-44 years	34 (151)	118 (247)	8 (19)	68 (197)	7 (16)	8 (49)	1 (62)	30 (97)	274 (838)	60 (204)
45-54 years	54 (252)	177 (398)	14 (23)	105 (303)	5 (26)	19 (86)	5 (113)	27 (146)	406 (1347)	65 (358)
55-64 years	18 (321)	171 (576)	21 (52)	102 (479)	10 (31)	17 (120)	3 (71)	24 (170)	366 (1820)	54 (496)
65-74 years	5 (391)	57 (698)	7 (47)	21 (549)	1 (45)	6 (154)	- (38)	2 (181)	99 (2103)	24 (437)
75-84 years	- (319)	3 (557)	- (32)	- (466)	- (22)	- (111)	- (8)	- (169)	3 (684)	2 (174)
>=85 years	- (57)	- (49)	-	- (31)	- (2)	- (14)	-	- (22)	- (175)	- (14)
Total	139 (1592)	613 (2705)	60 (191)	354 (2161)	30 (156)	54 (567)	10 (308)	105 (848)	1365 (8528)	240 (1854)

Figure 7.3

Ethnicity of Patients <65 years on the Waiting List 31-Dec-2005										
	Qld	NSW	ACT	Vic	Tas	SA	NT	WA	Aust	NZ
Caucasoid	106	389	45	263	29	42	1	63	938	125
Aboriginal/TSI	10	20	1	2	-	1	8	23	65	-
Maori	2	6	-	2	-	-	-	1	11	46
Pacific People	-	14	-	2	-	-	-	-	16	27
Asian	15	112	6	57	-	4	1	13	208	16
Other	1	12	1	7	-	1	-	3	25	-
Total	134	553	53	333	29	48	10	103	1263	214

Figure 7.4

Number of Patients on the Waiting List By Treatment Modality 31-Dec-2005										
	Qld	NSW	ACT	Vic	Tas	SA	NT	WA	Aust	NZ
APD	17	86	4	43	3	10	-	18	181	35
Hospital HD	49	87	-	14	14	1	-	8	173	41
Home HD	32	214	9	69	5	3	-	4	336	85
Satellite HD	19	166	33	188	5	38	10	67	526	39
CAPD	22	60	14	40	3	2	-	8	149	40
Total	139	613	60	354	30	54	10	105	1365	240

