

## 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 2008.

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 31<sup>st</sup> December 2008 was 1,258, 13% of the 10,062 patients dialysing, (compared to 13% at 31<sup>st</sup> December 2007). Among the States, the proportion of patients on dialysis awaiting transplantation ranged from 21% in the ACT to 2% in the Northern Territory (Figure 7.1).

Of those on the waiting list; 1,039 (83%) were waiting for their first transplant and 219 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 (11%) and continuous ambulatory peritoneal dialysis (7%) (Figure 7.4).

In the age group < 65 years, 1,135 (22%) of 5,235 patients were on the waiting list. The State ratios ranged from New South Wales (33%), the ACT (32%), Victoria (25%), South Australia (18%), Tasmania and Queensland (13%), Western Australia (11%) 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.

In the age groups ≥ 65 years, 123 (3%) of 4,827 patients and in the group < 55 years, 750 (25%) of 3,043 patients were on the waiting list.

The proportion of the age group <55 years in each State ranged from New South Wales (38%), the ACT (37%), Victoria (30%), South Australia (17%), Tasmania (16%), Queensland (14%), Western Australia (13%) and the Northern Territory (1%).

Of the 1,135 patients < 65 years on the waiting list in Australia at 31<sup>st</sup> December 2008, 48 (4%) were Aboriginal/Torres Strait Islander patients; residing in the Northern Territory (33%), Western Australia (25%), South Australia (12%), Queensland (6%), New South Wales and the ACT (3%), Victoria (1%) and Tasmania none.

## NEW ZEALAND

There were 2,099 patients dialysing at 31<sup>st</sup> December 2008, with 304 (14%) on the transplant waiting list, (compared to 14% in 2007). Eighty two percent (248) of patients were waiting for their first transplant (12% of all patients on dialysis).

Of patients < 55 years old, 177 (22%) of 815 patients and < 65 years old, 264 (19%) of 1,394 patients and ≥ 65 years old, 40 (6%) of 705 patients were on the transplant waiting list.

There were 64 (24%) Maori patients, 39 (15%) Pacific People and 27 (10%) Asians < 65 years old on the waiting list (Figure 7.3).

Figure 7.1

Patients on the Waiting List 31-Dec-2008 Related to Previous Transplantation (Patients Dialysing)										
Transplant Category	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
No Previous Transplant	106 (6%)	527 (16%)	39 (17%)	264 (11%)	10 (6%)	36 (6%)	4 (1%)	53 (5%)	<b>1039</b> <b>(10%)</b>	<b>248</b> <b>(12%)</b>
Previous Transplant	25 (1%)	91 (3%)	9 (4%)	60 (2%)	3 (2%)	18 (3%)	2 (1%)	11 (1%)	<b>219</b> <b>(2%)</b>	<b>56</b> <b>(3%)</b>
<b>Total Waiting</b>	<b>131</b> <b>(7%)</b>	<b>618</b> <b>(19%)</b>	<b>46</b> <b>(21%)</b>	<b>324</b> <b>(13%)</b>	<b>13</b> <b>(7%)</b>	<b>54</b> <b>(9%)</b>	<b>6</b> <b>(2%)</b>	<b>64</b> <b>(7%)</b>	<b>1258</b> <b>(13%)</b>	<b>304</b> <b>(14%)</b>
(Patients Dialysing)	1854	3332	233	2465	177	625	398	978	<b>10,062</b>	<b>2099</b>

Figure 7.2

Patients on the Waiting List 31-Dec-2008 By Age Group (Patients Dialysing)										
Age Groups	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
00-04 years	1 (3)	- (1)	-	- (6)	-	- (1)	-	-	1 (11)	2 (6)
05-14 years	1 (8)	1 (11)	-	- (7)	-	- (1)	-	- (1)	2 (28)	5 (11)
15-24 years	5 (23)	29 (50)	- (3)	8 (28)	- (2)	1 (4)	- (6)	5 (20)	48 (136)	12 (65)
25-34 years	12 (78)	47 (122)	3 (8)	29 (80)	1 (5)	5 (17)	2 (20)	1 (40)	100 (370)	20 (106)
35-44 years	24 (154)	98 (251)	12 (25)	71 (210)	- (11)	6 (48)	- (78)	11 (92)	222 (869)	51 (210)
45-54 years	40 (314)	186 (519)	7 (24)	92 (340)	9 (45)	14 (80)	2 (133)	27 (174)	377 (1629)	87 (417)
55-64 years	41 (398)	182 (701)	16 (59)	102 (541)	3 (39)	23 (129)	2 (112)	16 (213)	385 (2192)	87 (579)
65-74 years	7 (421)	73 (851)	9 (59)	22 (636)	- (42)	5 (155)	- (45)	4 (223)	120 (2432)	37 (476)
75-84 years	- (365)	2 (729)	1 (49)	- (546)	- (29)	- (173)	- (4)	- (187)	3 (2082)	3 (206)
>=85 years	- (90)	- (97)	- (6)	- (71)	- (4)	- (17)	-	- (28)	- (313)	- (23)
<b>Total</b>	<b>131 (1854)</b>	<b>618 (3332)</b>	<b>48 (233)</b>	<b>324 (2465)</b>	<b>13 (177)</b>	<b>54 (625)</b>	<b>6 (398)</b>	<b>64 (978)</b>	<b>1258 (10,062)</b>	<b>304 (2099)</b>

Figure 7.3

Patients on Waiting List Related to Race and Age 31-Dec-2008 (Patients Dialysing)										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
Caucasoid	95	388	34	226	13	41	2	33	832	133
Aboriginal/TSI	8	14	1	2	0	6	2	15	48	0
Maori	3	8	0	3	0	0	0	0	14	64
Pacific People	2	16	0	6	0	0	0	0	24	39
Asian	14	102	2	54	0	2	2	11	187	27
Other	2	15	1	11	0	0	0	1	30	1
<b>Total</b>	<b>124 (978)</b>	<b>543 (1655)</b>	<b>38 (119)</b>	<b>302 (1212)</b>	<b>13 (102)</b>	<b>49 (280)</b>	<b>6 (349)</b>	<b>60 (540)</b>	<b>1135 (5235)</b>	<b>264 (1394)</b>

Figure 7.4

Patients on the Waiting List Related to Treatment 31-Dec-2008										
	QLD	NSW	ACT	VIC	TAS	SA	NT	WA	AUST	NZ
APD	26	135	2	54	1	10	2	12	242	55
Hospital HD	38	68	2	14	7	6	0	2	137	41
Home HD	36	219	10	64	3	2	1	8	343	101
Satellite HD	16	151	32	170	2	36	2	39	448	44
CAPD	15	45	2	22	0	0	1	3	88	63
<b>Total</b>	<b>131</b>	<b>618</b>	<b>48</b>	<b>324</b>	<b>13</b>	<b>54</b>	<b>6</b>	<b>64</b>	<b>1258</b>	<b>304</b>

