



CHAPTER 7

TRANSPLANT WAITING LIST

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Data From
**AANZDATA and the National
Organ Matching Scheme of
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The waiting list data in this year's report is an entirely new analysis, and is the early output from a project foreshadowed in last year's report to link data from the Australian National Organ Matching System (NOMS) with ANZDATA. This allows the incorporation of demographic and clinical data, providing the opportunity to explore the dynamics of the waiting list with more granularity than has previously been possible. A variety of further analyses are planned; in this year's report we focus on simple waiting list stock and flow, overall and categorised by race and age. A variety of further analyses are planned. We are working with the New Zealand Blood Service to undertake similar analyses for NZ patients.

Figure 7.1 shows the basic stock and flow tables for Australia for each year. For these tables, the numbers of people moving on and off the waiting list for any reasons are shown. Reasons for de-listing are not systematically collected by NOMS; a number of these patients may return to the list in subsequent years. This is one area for further analysis.

Waiting list data refers to waiting for deceased donor (DD) kidney transplants only. Recipients of living donor (LD) transplants may or may not be on the waiting list prior to transplantation. For this reason, LD transplants to recipients not on the waiting list are also included. Recipients of kidney-pancreas (and other multiple-organ transplants) are not included in these tables.

In the tables below, the columns describe (from left to right) :

Numbers on the active list at the beginning of the year

Numbers added during the year

Numbers removed from the active list during the year

Number of DD transplants to people on the waiting list

Number of LD transplants to people on the waiting list

Number of transplants performed out of Australia / New Zealand to people on the waiting list

Numbers who died while on the waiting list

Numbers on the waiting list at the end of the year

Numbers of LD transplants to recipients not on the waiting list.

Figure 7.1									
Australian Deceased Donor Kidney Waiting List - Stock and flow Totals									
Year	Active 1 Jan	Made Active during year	Off list	DD Tx	LD on active list	OS Tx	Died	Active 31 Dec	LD not on active list
2007	1386	623	173	338	96	8	14	1380	175
2008	1380	686	196	441	123	1	16	1289	231
2009	1289	710	189	434	63	4	10	1299	264
2010	1299	651	160	533	59	1	7	1190	237

Figure 7.2									
Australian Deceased Donor Kidney Waiting List - Stock and flow (non-indigenous patients)									
Year	Active 1 Jan	Made Active during year	Off list	DD tx	LD on active list	Os Tx	Died	Active 31 Dec	LD not on active list
2007	1332	603	168	324	94	8	14	1327	173
2008	1327	650	188	417	119	1	13	1239	228
2009	1239	679	177	414	62	4	10	1251	261
2010	1251	613	152	505	59	1	6	1141	237

Figure 7.3

Australian Deceased Donor Kidney Waiting List - Stock and flow
(indigenous patients)

Year	Active 1 Jan	Made Active during year	Off list	DD tx	LD on active list	Os Tx	Died	Active 31 Dec	LD not on active list
2007	54	20	5	14	2	0	0	53	2
2008	53	36	8	24	4	0	3	50	3
2009	50	31	12	20	1	0	0	48	3
2010	48	38	8	28	0	0	1	49	0

The numbers of both dialysis patients and transplants vary with age; in Figure 7.4 the stock and flow for the years 2007-10 by broad age groups is shown. As expected, numbers listed 65 years or older are much lower than for younger age groups, and the proportion removed from the list is higher.

Figure 7.4

Australian Deceased Donor Kidney Waiting List
Stock and flow for each year by age

Year	Age group	Active 1 Jan	Made Active during year	Off list	DD tx	LD on active list	OS Tx	Died	Active 31 Dec	LD not on active list
2007	<25	23	29	2	10	7	0	0	33	15
2008	<25	33	34	3	16	9	0	0	39	31
2009	<25	39	29	4	19	2	1	0	42	37
2010	<25	42	34	3	22	4	0	1	46	44
2007	25-44	338	166	32	91	28	1	2	350	72
2008	25-44	350	160	54	124	40	0	3	289	67
2009	25-44	289	213	35	108	21	2	2	334	82
2010	25-44	334	193	43	129	24	0	0	331	77
2007	45-64	810	344	99	197	48	6	11	793	73
2008	45-64	793	386	96	243	60	1	11	768	102
2009	45-64	768	385	110	244	38	1	7	753	123
2010	45-64	753	352	84	310	22	1	5	683	107
2007	65+	215	84	40	40	13	1	1	204	15
2008	65+	204	106	43	58	14	0	2	193	31
2009	65+	193	83	40	63	2	0	1	170	22
2010	65+	170	72	30	72	9	0	1	130	9