

Chapter 12

Australian Waiting List Data



2016
Annual Report
Data to 31-Dec-2015

This chapter brings together waiting list data for the various organs. This data is not directly collected by ANZOD, but has been provided by the relevant transplant outcome Registries. In many cases more detailed information is contained in the annual reports of the relevant transplant outcome Registries. There are, however, important general considerations in interpretation of waiting list data.

Firstly, waiting list data is not necessarily a good indicator of actual demand for transplantation. There are many people with organ disease for whom transplant is not the primary treatment option and who are not therefore placed on transplant waiting lists. There are many rules guiding eligibility for transplantation. For further advice please see the organ transplantation from deceased donors consensus statement on eligibility criteria and allocation protocols. (www.tsanz.com.au/organallocationprotocols/index.asp).

For example, listing on the kidney transplant waiting list requires an 80% expected survival at 5 years post transplantation.

Secondly, the reasons for removal from the waiting list also vary. In some cases an individual dies. In other cases (particularly cardiothoracic and liver waiting lists) they may be removed due to improving health; conversely removal may reflect deteriorating health such that the risks outweigh benefits. Data regarding whether these people subsequently return to the waiting list, remain off the list, or die without returning to the list is not collected at this stage.

Thirdly, the waiting list data refers only to people on the “active” waiting list who would be transplanted immediately if an organ were available. For some organs, there are groups of patients who have been assessed but not yet activated on the waiting list, or who are temporarily removed or made “inactive”. For example patients may develop a medical problem that makes them temporarily or permanently unfit for transplantation.

Residents of Australia or New Zealand who have transplants performed abroad may not be reported to local transplant outcome Registries and may not impact on the wait list stock and flow.

For all organs, data is presented in a “stock and flow” format, examining the transitions on and off the waiting list over the period of a calendar year. It is possible those removed from the waiting list are subsequently re-listed. The figures in the tables refer to they lists at 1 January and 31 December of each year.



ORGAN WAITING LIST DATA

Kidneys

Data for these waiting lists are derived from the from National Organ Matching System (NOMS) of Australia combined with material from the ANZDATA Registry. Some people in the deceased donor (DD) kidney waiting lists may receive a kidney from a living donor (LD), though the majority of living kidney donor recipients are not on the waiting lists. A patient is deemed fit for transplantation and activated on the deceased donor transplant list but a living donor kidney can be made available prior to a deceased donor transplant taking place. These two groups are illustrated separately.

Data is currently only available for Australia. Negotiations are currently underway to also include New Zealand data.

Figure 12.1

Australian Deceased Donor Kidney Waiting List Stock and Flow Totals 2010 - 2015							
	Event	2010	2011	2012	2013	2014	2015
Australia	Active start of year	1266	1185	1089	1077	1075	1141
	Made active	630	709	746	778	852	760
	Taken off list	149	199	154	141	148	155
	DD graft	499	533	553	581	573	633
	LD graft	58	62	45	54	56	42
	Overseas graft	1	2	0	1	0	2
	Died on list	4	9	6	3	9	8
	Active end of year	1185	1089	1077	1075	1141	1061

Liver

This table includes the waiting lists for both Australia and New Zealand. For liver transplantation, the waiting list is extracted from the Australia and New Zealand Liver Transplant Registry (ANZLTR) Annual Report, based on returns from transplanting centres. More detailed analyses can be found in the Report, at <http://www.anzltr.org/>.

Figure 12.2

Australian and New Zealand
Deceased Donor Liver Waiting List
Stock and Flow Totals 2013 - 2015

Country	Event	2013	2014	2015
Australia	Active start of year	165	145	186
	Made active	317	347	335
	Taken off list	66	55	52
	Deceased donor transplant	248	234	265
	Died on list	24	16	18
	Active end of year	145	186	186
New Zealand	Active start of year	21	19	21
	Made active	43	56	61
	Taken off list	5	14	7
	Deceased donor transplant	31	38	45
	Died on list	5	2	3
	Active end of year	19	18	27

ORGAN WAITING LIST DATA

Cardiothoracic Organs

Waiting lists for heart transplants, lung transplants and heart-lung transplants are collated by the Australia and New Zealand Cardiothoracic Organ Transplant Registry (ANZCOTR), based on reports from transplant units. The data in the tables are supplied by the ANZCOTR, and include both Australia and New Zealand wait list data. Further material for each organ is available in the ANZCOTR Annual Report at <http://www.anzcotr.org.au/>.

Heart

Figure 12.3

Australian and New Zealand Deceased Donor Heart Waiting List Stock and Flow Totals 2009 - 2015

Country	Event	2009	2010	2011	2012	2013	2014	2015
Australia	Active start of year	51	45	46	65	64	48	60
	Made active	96	89	107	92	91	127	98
	Taken off list	37	15	16	13	19	32	16
	Deceased donor transplant	60	65	65	73	77	78	93
	Died on list	5	8	7	7	11	5	5
	Active end of year	45	46	65	64	48	60	44
New Zealand	Active start of year	7	7	11	13	14	10	8
	Made active	15	19	20	19	18	18	19
	Taken off list	2	4	5	5	9	3	4
	Deceased donor transplant	11	11	11	12	9	17	10
	Died on list	2	0	2	1	4	0	0
	Active end of year	7	11	3	14	10	8	13

ORGAN WAITING LIST DATA

Lung

Figure 12.4

Australian and New Zealand Deceased Donor Lung Waiting List Stock and Flow Totals 2009 - 2015

Country	Event	2009	2010	2011	2012	2013	2014	2015
Australia	Active start of year	101	102	116	99	94	96	111
	Made active	150	167	182	171	206	223	211
	Taken off list	21	13	24	11	23	29	33
	Deceased donor transplant	122	126	162	149	169	166	195
	Died on list	6	14	13	11	13	14	9
	Active end of year	102	116	99	99	95	110	85
New Zealand	Active start of year	4	6	8	13	13	13	13
	Made active	11	17	17	24	21	18	19
	Taken off list	1	3	2	9	1	0	4
	Deceased donor transplant	8	9	10	12	19	17	23
	Died on list	0	3	0	4	1	1	0
	Active end of year	6	8	13	12	13	13	5

ORGAN WAITING LIST DATA

Pancreas

Data for the pancreas transplant waiting list is derived from data supplied by hospitals to the Australian and New Zealand Pancreas and Islets Transplant Registry. It includes both people waiting for a combined kidney-pancreas transplant (the majority) and those waiting for a pancreas transplant (following a previous kidney transplant). It does not include people waiting for pancreas islet cell transplants.

Figure 12.5			
Australian & New Zealand Deceased Donor Pancreas Waiting List Stock and Flow Totals 2014 - 2015			
Country	Event	2014	2015
Australia	Active start of year	63	59
	Made active	38	42
	Taken off list	14	12
	Deceased donor transplant	43	45
	Died on list	5	4
	Active end of year	59	40
New Zealand	Active start of year	7	5
	Made active	3	3
	Taken off list	3	1
	Deceased donor transplant	2	3
	Died on list	1	0
	Active end of year	4	4



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