

Australia and New Zealand Organ Donation Registry

(ANZOD Registry)

1998 Report

[Data collected to 31st December 1997]

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STATISTICAL METHODS

Actuarial and Kaplan-Meier survivals have been produced using the procedure contained in

SPSS® for Windows™ Release 6.1
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Canberra ACT 2600

Over the past three decades, organ transplantation has evolved from an experimental procedure to a recognised and efficient medical tool, one that is able to heal or to improve the quality of life for many patients.

Due to this very success the number of people requiring transplantation has risen: yet the availability of organs for transplantation is limited by the number of willing organ donors. Sadly, many people have a long wait for a transplant, and some will die during that period.

The statistics in this edition of the Australia and New Zealand Organ Donation Registry show a considerable rate of variation in the rate of organ donation from State to State – and indeed a somewhat low rate for both Australia and New Zealand compared to some other countries. It is very pleasing, however, to see the co-operation shown across the Tasman with the exchange of these precious organs.

The collection of the published statistics is a time-consuming business, and all Transplant Coordinators are to be congratulated on their efforts. I also acknowledge the Editors who, both in the summaries and in the report at large provide clear and concise evidence of the value of organ donation and transplantation.

The real human value of organ transplantation, however, is not to be found in statistics but in the enjoyment of life that can result to the individual. In September, 1997, I opened the World Transplant Games in Sydney, where 1200 sportsmen, women and young people who had received a transplant gathered to compete. It was a celebration of courage and compassion. Courage by the recipients who had triumphed over great adversity; and the extraordinary compassion of the donors and their families who, despite their own loss and sadness, had made that triumph possible.

I hope the success of the games will encourage more people and their families to consider becoming organ donors. In that event, it would be wonderful if future editions of the Registry were able to show a considerable improvement in the rate of organ donation in Australia and New Zealand, and consequently a shortening in the waiting list for all those who require organ transplantation.

Sir William Deane

Governor-General of the Commonwealth of Australia

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INTRODUCTION

We are pleased to present the 7th Report of the Australia and New Zealand Organ Donation Registry (ANZOD Registry). This joint project of the Australasian Transplant Coordinators Association (ATCA) and the ANZDATA Registry commenced data collection in 1989 in Australia and 1993 in New Zealand.

We are particularly honoured to have the foreword for this Report written by the Governor General of the Commonwealth of Australia, Sir William Deane.

The data is collected on all organ donors by the Donor Coordinators and from the 1st of January 1998, limited data will be collected on intended as well as actual donors. Intended donors are those for whom consent to donate has been given, but has not occurred.

We would like to acknowledge the contribution made in this Report by the Australian Liver Transplant Registry, particularly Deborah Verran, Pamela Dilworth, Albert Chui and Ross Sheil. The Special Section on "Donor factors affecting primary cadaveric liver allograft survival" has been prepared by amalgamating data from the

two Registries. The editors would also like to acknowledge the kidney graft survival analysis produced by the ANZDATA Registry which incorporated specific donor data from this Registry. We hope to include data from other Transplant Registries in future reports.

The Registry is grateful for the ongoing support from the Australian Health Ministers' Advisory Council, the Australian Kidney Foundation and the New Zealand Ministry of Health.

It is a pleasure to work with the ANZDATA Registry staff. Ms Lee Excell continues her meticulous work as database manager, for programming and graphic displays. Ms Lis Steinmetz is responsible for the layout and presentation of the report and Mr Brian Livingston for his computing and statistical programming contribution.

The report can be accessed via our Internet Web Site <http://www.anzdata.org.au> and copies are also sent to interested parties.

Requests for further information or inclusion on the mailing list should be directed to the Editor of the ANZOD Registry.

Karen Herbertt
Graeme Russ

SUMMARY - AUSTRALIA

1. There were 1831 organ donors (average 11.5 donors per million of population [dpmp]) in Australia for the reporting period 1-Jan-89 to 31-Dec-97. The number of organ transplants (recipients) from these donors were: 3412 kidneys, 987 livers, 940 hearts, 498 lungs and 101 pancreas.

In 1997 there were: 190 donors (10 dpmp). 355 kidneys, 125 livers (into 130 recipients), 93 hearts, 132 lungs (47 double lung and 38 single lung recipients) and 16 pancreas transplanted.
2. In 1997 the highest donor rate was in the Northern Territory (21 dpmp) and South Australia (17 dpmp), the lowest was in Western Australia (4 dpmp).
3. The median age of donors increased in 1997 to 43.1 years (from 38.5 years in 1996) with an age range of 2.5 - 76.1 years.
4. In 1997, 51% of donors with a known occupation were classified as student, blue collar worker and home duties. The majority of donors were Caucasian and their religion was stated as Christian.
5. The major cause of death in 59% of donors was cerebrovascular accident (CVA), an increase from 1996 (43%). Road trauma caused 18% of all deaths in 1997 compared to 27% in 1996.
6. In 1997, consent for organ donation was sought in 57% of cases by the Intensive Care Unit Clinician, volunteered by the family in 28% of cases and sought by the Transplant Coordinator in 13% of cases. Coronial inquiries were required in 43% of all donors in 1997.
7. Consent was given for more than one organ in 95% of donors in 1997. The consent rates for specific organs were: kidneys 100%, liver 98%, heart 95%, lungs 97%, pancreas 90%, corneas 59% and bone 57%.
8. The donation of more than one organ occurred in 76% of donors in 1997.
9. In 1997, from donors where organs had been retrieved, 97% of kidneys, 100% of livers (split liver technique), 95% of hearts, 99% of lungs and 62% of pancreas were actually transplanted.
10. The only donor factors having a significant effect on primary liver graft survival was donor age. There were small differences associated with cause of donor death and ischaemia time.

SUMMARY - NEW ZEALAND

1. There were 182 organ donors (average 10 donors per million of population [dpmp]) in New Zealand for the reporting period 1-Jan-93 to 31-Dec-97. The number of organ transplants (recipients) were: 355 kidneys, 103 livers, 60 hearts, and 30 lungs.

In 1997 there were: 42 donors (11 dpmp), which resulted in 83 kidneys, 22 livers, 16 hearts and 7 lungs (2 double lungs and 3 single lung recipients) being transplanted.
2. The median age of donors has decreased from 40.6 years in 1994 to 26.4 years in 1997, with an age range of 7.1 – 71.6 years.
3. The major cause of death in 1997 was road trauma 43%, an increase from 31% in 1996, and cerebrovascular accident 31%, a decrease from 58% in 1996.
4. Over the four year period, 52% of donors with a known occupation were classified as blue collar worker, student and tradesperson. The majority of donors were Caucasian and their religion was stated as Christian.
5. Consent for organ donation was sought in 64% of cases in 1997 by the Intensive Care Unit Clinician. Consent was volunteered by the family in 17% of cases. Coronial inquiries were required in 67% of all donors.
6. The donation of more than one organ occurred in 67% of donors in 1997
7. The consent rate for specific organs were: 100% of kidneys, 97% livers, 97% hearts, 97% lung, 67% pancreas and 79% bone.
8. In 1997, from donors where consent had been obtained, 99% of kidneys, 100% of livers, 100% of hearts and 70% of lungs were transplanted.
9. New Zealand has provided 7 kidneys, 103 livers, 8 hearts and 13 lungs to the Australian Transplant Programs in the five year reporting period 1993-97.

ORGAN DONORS IN AUSTRALIA AND NEW ZEALAND

The Australian and New Zealand organ donation rate over the last four years has remained relatively unchanged at 10-11 donors per million of population (dpmp). In 1997, of the states with

a sufficient population to make figures meaningful there was a range of 17 dpmp in South Australia to 4 dpmp in Western Australia.

Figure 1

Australia and New Zealand

Number of Donors 1993 - 1997

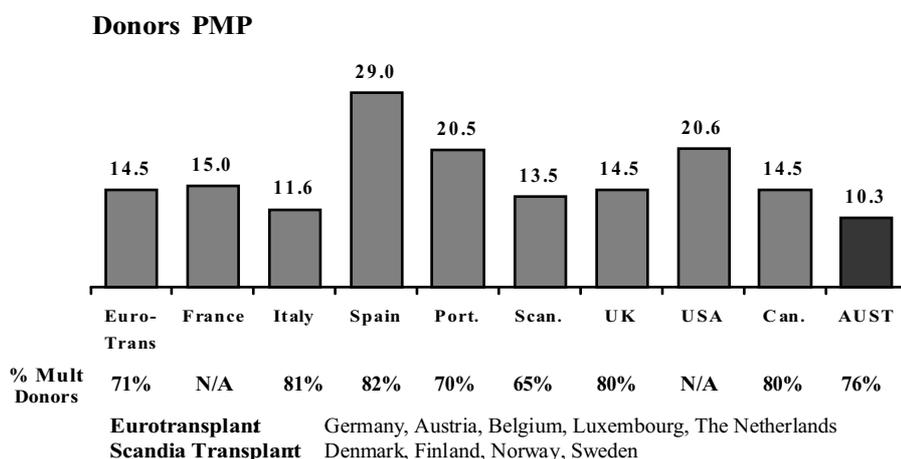
	1993		1994		1995		1996		1997	
Queensland	44	(14)	38	(12)	34	(10)	35	(10)	37	(11)
New South Wales/ACT	74	(12)	73	(11)	67	(10)	69	(11)	69	(10)
Victoria	52	(12)	26	(6)	38	(8)	49	(11)	42	(9)
Tasmania	6	(13)	6	(13)	4	(8)	1	(2)	5	(11)
South Australia	23	(16)	23	(16)	23	(16)	25	(17)	25	(17)
Northern Territory	3	(18)	1	(6)	1	(6)	3	(17)	4	(21)
Western Australia	19	(11)	16	(9)	17	(10)	12	(7)	8	(4)
Australia	221	(13)	183	(10)	184	(10)	194	(11)	190	(10)
New Zealand	34	(10)	35	(10)	35	(10)	36	(10)	42	(11)

() Per Million

Refer to Appendix for the number of donors by State and Hospital.

Figure 2

International Donor Statistics 1997 % of Multiple Organ Donors



Source: Council of Europe 1998

Previously the comparison between States and Countries has been based upon dpmp. However, the number of deaths that occur and therefore the ability of deceased to be donors may be a more valuable way of comparing donation rates. Australian data on deaths for 1997 is not available until August of 1998. New Zealand data is from 1993 and includes 1997.

Data has been amended (since the last report) as more accurate figures have become available from the Australian Bureau of Statistics (June Quarter 1997 Report).

There has been a consistent reduction in donors per thousand deaths in Queensland and Western Australia since 1991 and a steady increase in South Australia.

Figure 3**Australia and New Zealand****Donors per Thousand Deaths 1991 - 1997**

Year	Australia	New Zealand
1991	1.75	0
1992	1.75	0
1993	1.82	1.25
1994	1.44	1.29
1995	1.47	1.29
1996	1.51	1.27
1997	N/A	1.52

Figure 4**Australian States****Donors per Thousand Deaths 1991 - 1996**

Year	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA
1991	2.4	1.75	1.44	0.55	1.34	2.44	2.41
1992	3.2	1.53	1.32	1.07	1.83	0	1.41
1993	2.19	1.68	1.67	1.65	1.99	3.99	1.84
1994	1.74	1.59	0.8	1.54	1.96	1.29	1.55
1995	1.64	1.46	1.17	1.07	2.04	1.23	1.64
1996	1.56	1.49	1.5	0.26	2.15	3.89	1.09

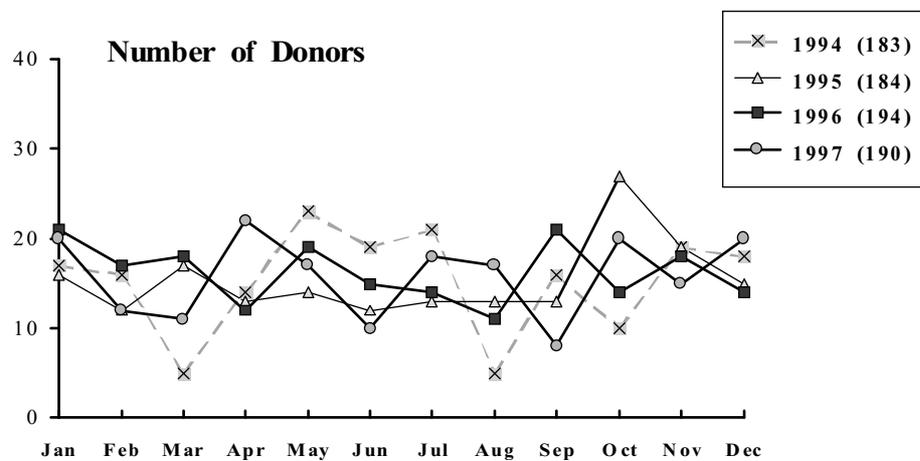
Figure 5**Australian States****State Comparison Between Donors per Million Population and Donors per Thousand Deaths () 1991 - 1996**

Year	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA
1991	15 (2.4)	12 (1.8)	10 (1.4)	4 (0.6)	10 (1.3)	13 (2.4)	14 (2.4)
1992	22 (3.2)	11 (1.5)	9 (1.3)	8 (1.1)	14 (1.8)	0 0	8 (1.4)
1993	14 (2.2)	12 (1.7)	12 (1.7)	13 (1.7)	16 (2.0)	18 (4.0)	11 (1.8)
1994	12 (1.7)	11 (1.6)	6 (0.8)	13 (1.5)	16 (2.0)	6 (1.3)	9 (1.6)
1995	10 (1.6)	10 (1.5)	8 (1.2)	8 (1.1)	16 (2.0)	6 (1.2)	10 (1.6)
1996	10 (1.6)	11 (1.5)	11 (1.5)	2 (0.3)	17 (2.2)	17 (3.9)	12 (1.1)

Figure 6 shows the unpredictable nature of organ donation. The range was 5-27 donors per month, with a mean over the four years of 16 donors per month.

Figure 6

**Donors Per Month in Australia
1994 - 1997**



DONOR PROFILE

Age and Gender Distribution

There has been a steady increase in the mean and median age for Australian donors over the last four years (mean 36.3 to 40.4 years and median 36.8 to 43.1 years). In 1997 there were 16 donors (8%) older than 65 years, with the oldest donor being 76.1 years.

In comparison, New Zealand has seen a decrease in mean and median ages over the last four years (mean 40.5 to 34.6 years and median 40.6 to 26.4 years). In 1997 there was one

donor (3%) older than 65 years, being 71.6 years.

When comparing Australian States, the mean age ranged from the highest in South Australia 45.3 years to the lowest 28.7 years in Western Australia.

The gender distribution by Australian States and New Zealand is shown in Figure 9. See Figures 10-15 for a breakdown of age and gender of donors in Australia and New Zealand.

Figure 7

Australia and New Zealand

Age of Male and Female Donors 1994 - 1997

		Mean (years)			Median (years)			Range Years
		All	Female	Male	All	Female	Male	
Australia	1994	36.3	38.9	34.0	36.8	41.8	31.7	1.3 - 76.3
	1995	37.6	40.0	36.4	38.1	41.7	35.2	3.0 - 72.0
	1996	38.3	40.3	36.9	38.5	46.1	36.2	1.45 - 74.2
	1997	40.4	42.4	39.3	43.1	41.9	43.6	2.5 - 76.1
New Zealand	1994	40.5	44.8	38.3	40.6	47.3	37.3	2.5 - 70.1
	1995	34.2	34.0	34.3	34.8	35.3	28.6	6.8 - 70.7
	1996	36.6	37.9	35.1	35.2	42.7	29.9	9.6 - 72.5
	1997	34.6	36.9	33.2	26.4	46.0	23.7	7.1 - 71.6

Figure 8

Australian States

Mean Age of Donors 1994 - 1997

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Aust.
1994	31.6	39.0	37.3	35.0	34.1	29.9	38.2	36.3
1995	34.4	37.2	38.8	23.4	40.2	43.4	42.0	37.6
1996	30.5	39.4	43.0	47.1	38.5	36.8	35.0	38.3
1997	37.5	40.1	43.8	38.1	45.3	33.5	28.7	40.4

Figure 9

Australia and New Zealand

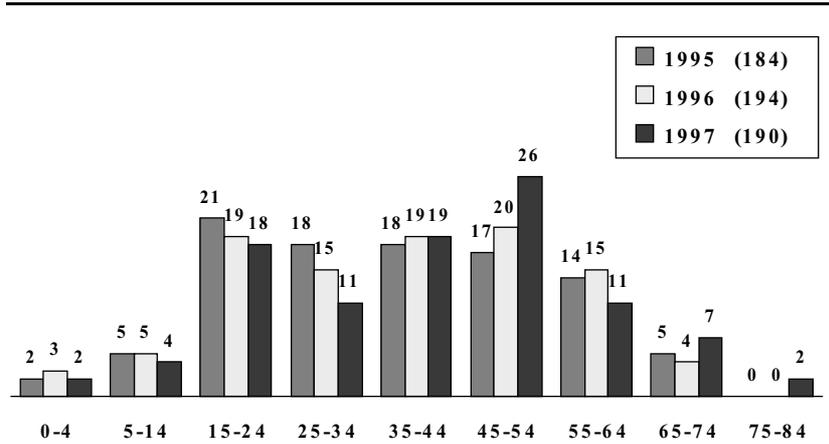
Gender of Donors 1989 - 1997

	Female		Male		Total
Queensland	127	34%	248	66%	375
New South Wales/ACT	269	40%	397	60%	666
Victoria	174	43%	230	57%	404
Tasmania	10	31%	22	69%	32
South Australia	78	39%	122	61%	200
Northern Territory	1	6%	16	94%	17
Western Australia	59	43%	78	57%	137
Australia	718	39%	1113	61%	1831
New Zealand 1993-97	77	42%	105	58%	182

Australia 1995 - 1997

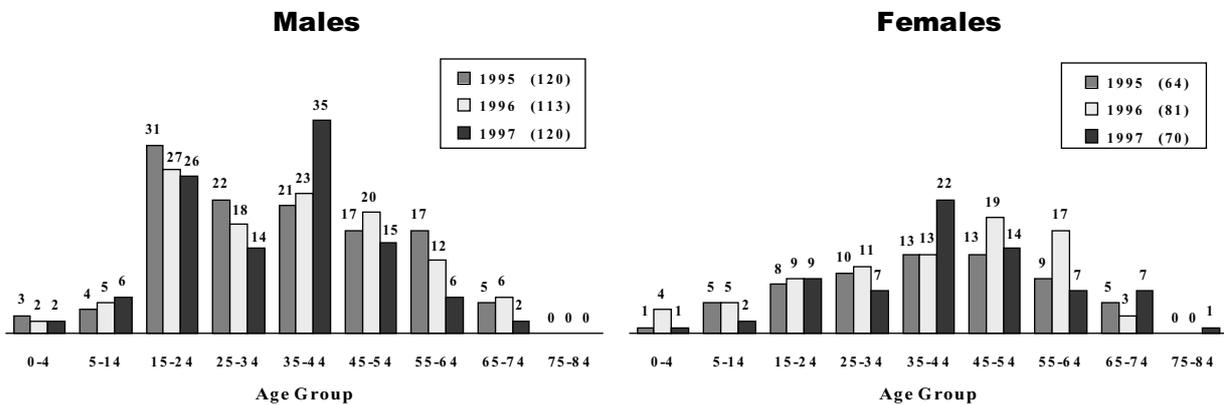
Figure 10

Age Group (%) Cadaver Donors



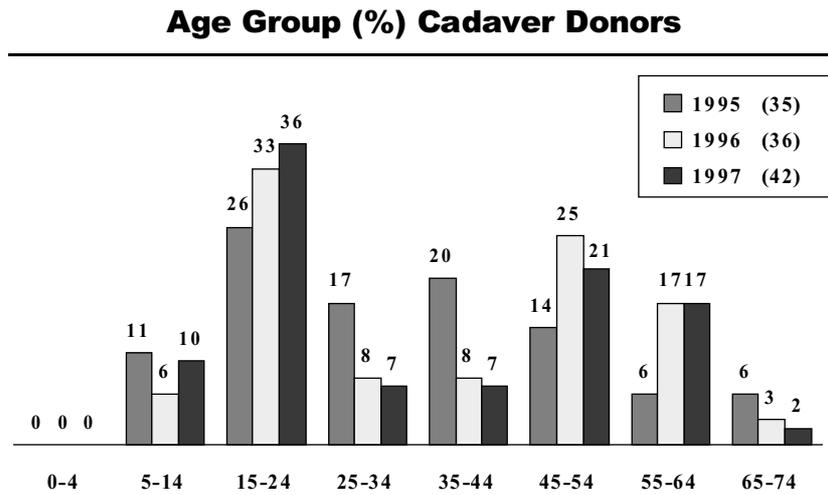
Figures 11 and 12

Age and Gender Distribution of Donors



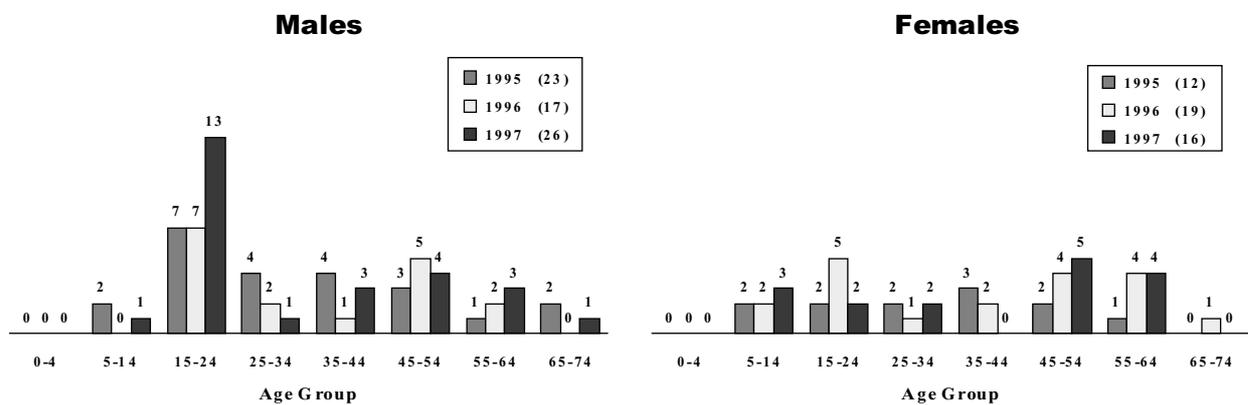
New Zealand 1995 - 1997

Figure 13



Figures 14 and 15

Age and Gender Distribution of Donors



CAUSE OF DEATH - ALL DONORS

Figures 16 and 17 show the cause of death for all organ donors in Australia since 1989 and for New Zealand since 1993. The primary cause of death is cerebrovascular accident (CVA) (46% of all Australian donors and 49% of all New Zealand donors).

Figure 18 shows CVA is responsible for 87% of all deaths in donors 55 years and older, whereas in the 15-34 year age group, trauma accounted for 57% of all deaths, compared to 71% in 1996.

Figure 19 shows detailed cause of death by gender for 1997.

Figure 20 shows a breakdown by Australian State of the major causes of death for the last nine years. Of the larger states, in only Queensland does trauma exceed CVA as a cause of donor death.

Figure 21 shows a cause of death and a breakdown by age for organ donors in 1997.

Figures 16 and 17

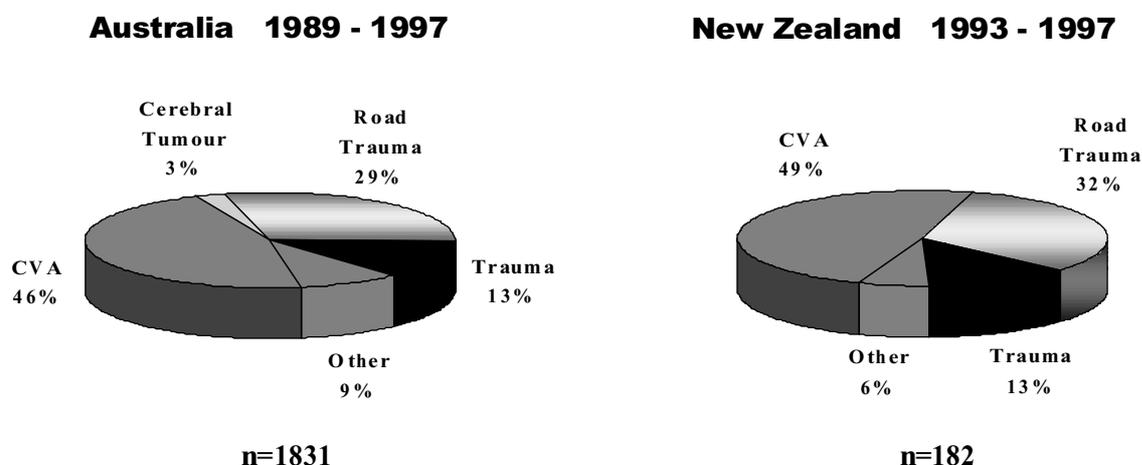


Figure 18

Australia and New Zealand

Cause of Donor Death Related to Age Group 1997

	Australia					New Zealand				
	0-14	15-34	35-54	55 on	Total	0-14	15-34	35-54	55 on	Total
CVA	3	19	57	33	112	0	2	7	4	13
Road Trauma	4	23	8	0	35	2	12	2	2	18
Trauma (non road)	2	9	8	2	21	2	4	3	2	11
Other	2	5	12	3	22	0	0	0	0	0
Total	11	56	85	38	190	4	18	12	8	42

Figure 19**Australia****Cause of Donor Death 1997**

Causes of Death		Australia			New Zealand		
		Male	Female	Total	Male	Female	Total
CVA	Intracranial Haemorrhage	60	46	106	4	9	13
	Cerebral Infarction	5	1	6	0	0	0
Road Trauma	Motor Vehicle Accident	13	4	17	8	1	9
	Motor Bike Accident	4	0	4	4	1	5
	Cyclist	3	0	3	0	2	2
	Pedestrian	6	2	8	1	0	1
	Other Road Accident						
	Fall from back of truck	1	0	1	0	0	0
	Fall from utility	1	0	1	0	0	0
	Head hit tree - back utility	1	0	1	0	0	0
Hit by train	0	0	0	0	1	1	
Other Trauma	Fall	7	3	10	5	0	5
	Other Accident						
	Hit tree on rope swing	1	0	1	0	0	0
	Pipe hit head	1	0	1	0	0	0
	Tree fell on head	1	0	1	0	0	0
	Branch fell on head	0	0	0	1	0	1
	Hit by wheel at Motorcross	0	0	0	0	1	1
	Gunshot	5	0	5	2	0	2
Felony/Crime							
Assault	1	0	1	0	0	0	
Head injury - fight	1	0	1	0	0	0	
Hypoxia Anoxia	Carbon monoxide	2	0	2	0	0	0
	Cardiac arrest	0	5	5	0	0	0
	Cardiomyopathy - bronchospasm	0	1	1	0	0	0
	Respiratory arrest	1	0	1	0	0	0
	Hanging	1	0	1	0	1	1
	Asthma	0	1	1	0	0	0
Cerebral Tumour	Glioblastoma (malignant)	1	2	3	0	0	0
	Glioma (malignant)	1	0	1	0	0	0
Other	Cerebral abscess	1	0	1	0	0	0
	Diabetic ketoacidosis	0	1	1	0	0	0
	Meningitis - meningococcal	0	1	1	0	0	0
	Meningitis - pneumococcal	1	0	1	0	0	0
	Overdose	0	1	1	0	0	0
	Pulmonary embolus	0	1	1	0	0	0
	Respiratory failure	0	1	1	0	0	0
	Staphylococcal ventriculitis	1	0	1	0	0	0
	Suicide	0	0	0	1	0	1
Total		120	70	190	26	16	42

Figure 20**Australia and New Zealand****Cause of Donor Death 1989 - 1997**

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Aust.	N.Z.
CVA	39%	51%	48%	41%	44%	18%	47%	46%	49%
Road Trauma	32%	26%	28%	28%	26%	41%	39%	29%	45%
Trauma (non road)	17%	12%	10%	22%	15%	24%	5%	13%	13%
Other	12%	11%	14%	9%	15%	17%	9%	12%	6%

Figure 21**Australian States****Cause of Donor Death Related to Age Group 1997**

		0-14	15-34	35-54	55 on	Total
Queensland	CVA	1	4	16	2	23
	Road Trauma	1	5	0	0	6
	Trauma (non road)	1	0	2	1	4
	Other	1	0	3	0	4
	Total	4	9	21	3	37
NSW/ACT	CVA	2	5	16	16	39
	Road Trauma	2	9	5	0	16
	Trauma (non road)	0	4	2	0	6
	Other	2	2	4	0	8
	Total	6	20	27	16	69
Victoria	CVA	0	6	15	9	30
	Road Trauma	0	3	0	0	3
	Trauma (non road)	0	2	1	1	4
	Other	0	2	1	2	5
	Total	0	13	17	12	42
Tasmania	CVA	0	2	1	-	3
	Road Trauma	0	0	1	0	1
	Trauma (non road)	0	0	1	0	1
	Other	0	0	0	0	0
	Total	0	2	3	0	5
South Australia	CVA	0	2	6	6	14
	Road Trauma	0	2	1	0	3
	Trauma (non road)	0	1	2	0	3
	Other	0	1	3	1	5
	Total	0	6	12	7	25
Northern Territory	CVA	0	0	1	0	1
	Road Trauma	0	1	0	0	1
	Trauma (non road)	0	1	0	0	1
	Other	0	0	1	0	1
	Total	0	2	2	0	4
Western Australia	CVA	0	0	2	0	2
	Road Trauma	1	3	1	0	5
	Trauma (non road)	0	1	0	0	1
	Other	0	0	0	0	0
	Total	1	4	3	0	8

Figure 22**Australian States****Cause of Donor Death Related to Australian States 1989 - 1997**

		1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
Queensland	CVA	15	14	17	25	16	13	10	12	23	145
	Trauma - Road	11	10	18	22	11	17	13	12	6	120
	Trauma - Non Road	7	7	6	12	10	5	7	8	4	66
	Other	4	7	5	7	7	3	4	3	4	44
	Total	37	38	46	66	44	38	34	35	37	375
NSW/ACT	CVA	44	35	38	35	41	41	34	31	39	338
	Trauma - Road	30	24	13	19	17	17	20	17	16	173
	Trauma - Non Road	9	14	14	6	8	9	6	9	6	81
	Other	6	6	11	10	8	6	7	12	8	74
	Total	89	79	76	70	74	73	67	69	69	666
Victoria	CVA	21	19	21	21	26	13	19	25	30	195
	Trauma - Road	28	13	13	11	16	8	9	11	3	112
	Trauma - Non Road	6	6	3	5	5	2	3	6	4	40
	Other	10	7	8	5	5	3	7	7	5	57
	Total	65	45	45	42	52	26	38	49	42	404
Tasmania	CVA	0	1	2	2	0	4	1	0	3	13
	Trauma - Road	2	0	0	1	2	2	1	0	1	9
	Trauma - Non Road	0	0	0	0	4	0	1	1	1	7
	Other	0	1	0	1	0	0	1	0	0	3
	Total	2	2	2	4	6	6	4	1	5	32
South Australia	CVA	8	6	4	12	12	10	13	9	14	88
	Trauma - Road	6	11	6	2	6	6	4	9	3	53
	Trauma - Non Road	3	6	1	4	2	3	2	5	3	29
	Other	2	4	4	2	3	4	4	2	5	30
	Total	19	27	15	20	23	23	23	25	25	200
Northern Territory	CVA	0	0	0	0	0	1	1	0	1	3
	Trauma - Road	1	0	1	0	2	0	0	2	1	7
	Trauma - Non Road	1	1	0	0	0	0	0	1	1	4
	Other	0	0	1	0	1	0	0	0	1	3
	Total	2	1	2	0	3	1	1	3	4	17
Western Australia	CVA	9	5	11	5	7	9	10	6	2	64
	Trauma - Road	5	5	9	6	8	6	6	3	5	53
	Trauma - Non Road	1	1	1	1	0	1	1	0	1	7
	Other	2	0	2	2	4	0	0	3	0	13
	Total	17	11	23	14	19	16	17	12	8	137

Figure 23**Australia and New Zealand****Occupation of Donors 1994 - 1997**

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Home duties	29	19	22	30	100	1	1	4	1	7
Student	24	23	24	19	90	2	8	8	6	24
Pre-school	7	4	6	3	20	1	0	0	0	1
Blue collar	22	31	35	30	118	8	7	3	3	21
White collar	22	10	18	13	63	2	2	4	4	12
Professional	11	12	20	8	51	4	2	2	3	11
Management	2	1	0	2	5	2	2	2	1	7
Primary industry	3	1	4	5	13	1	0	0	2	3
Tradesperson	6	12	9	8	35	4	2	5	9	20
Small business owner	3	9	5	5	22	0	0	0	0	0
Retired	11	14	13	15	53	4	2	3	1	10
Invalid pensioner	6	6	8	7	27	1	0	0	1	2
Unemployed	5	6	8	9	28	1	3	1	3	8
Other	0	1	0	1	2	0	0	0	0	0
Unknown	32	35	22	35	124	4	6	4	8	22
Total	183	184	194	190	751	35	35	36	42	148

Figure 24**Australia and New Zealand****Ethnic Origin of Donors 1994 - 1997**

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Caucasoid	171	180	184	184	719	35	33	35	40	143
Greek	(3)	(1)	(2)	(2)	(8)	0	0	0	0	0
Italian	0	(4)	(3)	0	(7)	0	0	0	0	0
Aboriginal	2	1	2	0	5	0	0	0	0	0
Arab	0	0	0	1	1	0	0	0	0	0
Pacific Islander	2	0	1	1	4	0	0	1	0	1
Maori	0	1	0	1	2	0	2	0	0	2
Vietnamese	1	0	3	2	6	0	0	0	0	0
Filipino	1	1	1	0	3	0	0	0	1	1
Chinese	0	0	2	1	3	0	0	0	0	0
Indian	3	0	0	0	3	0	0	0	0	0
Malay	1	0	0	0	1	0	0	0	0	0
Iranian	1	0	0	0	1	0	0	0	0	0
Turk	1	0	0	0	1	0	0	0	0	0
Pakistani	0	1	0	0	1	0	0	0	0	0
Sri Lankan	0	0	1	0	1	0	0	0	1	1
Total	183	184	194	190	751	35	35	36	42	148

Figure 25**Australia and New Zealand****Religious Denomination of Donors 1994 - 1997**

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Christian	117	103	108	106	434	24	11	11	8	54
Jewish	1	0	2	0	3	0	0	0	0	0
Buddhist	1	0	2	2	5	0	0	0	1	1
Muslim	3	1	0	1	5	0	0	0	0	0
No religion	15	22	19	7	63	2	4	5	4	15
Unknown	46	58	63	74	241	9	20	20	29	78
Total	183	184	194	190	751	35	35	36	42	148

HEART BEATING DONORS

In 1997 there were three non heart beating donors in Australia and one in New Zealand.

Figure 26

Australia and New Zealand

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Yes	182	180	192	187	741	34	35	35	41	145
No	1	4	2	3	10	1	0	1	1	3
Total	183	184	194	190	751	35	35	36	42	148

Figure 27

Australia and New Zealand

Cardiopulmonary Resuscitation 1994 - 1997

	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
Yes	41	31	40	32	5	7	4	2
No	137	149	152	153	28	27	30	40
Unknown	5	4	2	5	2	1	2	0
Total	183	184	194	190	35	35	36	42

HEPATITIS B AND HEPATITIS C STATUS OF DONORS

In the period 1994 to 1997, all donors for Australia and New Zealand were Hepatitis B surface antigen and C antibody negative.

CYTOMEGALOVIRUS (CMV) STATUS OF DONORS

Figure 28

Australia and New Zealand

Cytomegalovirus (CMV) Status of Donors 1994 - 1997

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Positive	117	122	139	140	518	18	25	19	27	89
Negative	63	61	55	49	228	17	10	16	15	58
Not done	3	1	0	1	5	0	0	1	0	1
Total	183	184	194	190	751	35	35	36	42	148

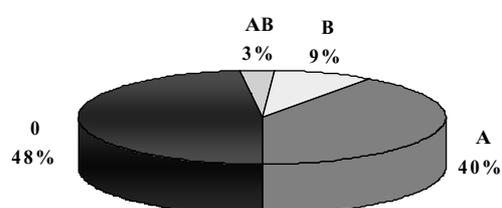
BLOOD GROUP OF DONORS

The distribution of blood groups in the general population is 'O': 49%, 'A': 38%, 'B': 10%, 'AB': 3% (data from the Australian Red Cross

Blood Bank), and for New Zealand 'O': 48%, 'A': 39%, 'B': 10% and 'AB': 3% (Auckland Regional Blood Centre).

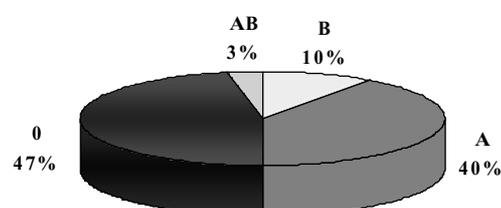
Figures 29 and 30

Australia 1989 - 1997



n=1831

New Zealand 1993 - 1997



n=182

Figure 31

Australia and New Zealand

Blood Group of Donors 1994 - 1997

		1994		1995		1996		1997	
Australia	O	83	45%	92	50%	92	47%	84	44%
	A	71	39%	68	37%	86	44%	80	42%
	B	20	11%	17	9%	13	7%	22	12%
	AB	9	5%	7	4%	3	2%	4	2%
	Total	183	100%	184	100%	194	100%	190	100%
New Zealand	O	19	54%	13	37%	14	39%	23	55%
	A	14	40%	17	49%	16	44%	11	26%
	B	2	6%	4	11%	5	14%	5	12%
	AB	0	0%	1	3%	1	3%	3	7%
	Total	35	100%	35	100%	36	100%	42	100%

MEDICAL CONDITION OF DONORS

The following information relating to diabetes, hypertension, smoking and alcohol intake has been collected since 1993.

Diabetes

There were two Type 1 diabetics (insulin dependent) and two Type 2 (non insulin requiring) accepted as donors in Australia in 1997. Since 1993 there have been a total of six Type 1 and 13 Type 2 diabetic donors. New Zealand has not had any diabetic donors over the last five years. See Figure 32.

Hypertension

In 1997, 15% (28) of Australian donors had a past history of chronic hypertension, 32% of this group had hypertension recorded between 5-10 years. New Zealand recorded eight donors (19%) with a past history of chronic hypertension. See Figure 32.

Smoking

In 1997, 35% of Australian organ donors were recorded as being current smokers, and 8% were recorded as being former smokers. In New Zealand, 36% were reported as current smokers and 5% recorded as being former smokers. See Figure 32.

Alcohol

In Australia (1997), 33% of donors were recorded as having an alcohol intake of > 40 grams per day. However, for the same year in New Zealand it was 10%. See Figure 32. Refer to Figure 33 for breakdown by States.

Donor weight

The allocation of heart, lungs and livers are based on the matching of recipient and donor weight. In 1997 there were six donors in Australia and three in New Zealand who weighed less than 40 kilograms. See Figure 34.

Figure 32

Australia

Donor Diabetes, Hypertension, Smoking and Alcohol 1993 - 1997

	1993		1994		1995		1996		1997	
	(n=221)		(n=183)		(n=184)		(n=194)		(n=190)	
Diabetes Type 1	1	(<1%)	1	(<1%)	2	(1%)	0	0	2	(1%)
Diabetes Type 2	1	(<1%)	2	(1%)	6	(3%)	2	(1%)	2	(1%)
Hypertension	33	(15%)	21	(11%)	27	(15%)	21	(11%)	28	(15%)
Smoking										
Current	69	(31%)	59	(32%)	55	(30%)	77	(40%)	66	(35%)
Former	16	(7%)	13	(7%)	20	(11%)	16	(8%)	15	(8%)
Alcohol										
Current	61	(28%)	42	(23%)	57	(31%)	68	(35%)	63	(33%)
Former	8	(4%)	2	(1%)	6	(3%)	4	(2%)	2	(1%)

Figure 33**Australian States****Medical Conditions of Donor by Australian State 1997 (1996)**

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Total
Hypertension	2 (1)	11 (6)	9 (8)	1 (0)	4 (4)	0 (0)	1 (2)	28 (21)
Diabetes Type 1	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)	1 (0)	0 (0)	2 (0)
Diabetes Type 2	0 (0)	2 (1)	0 (0)	0 (0)	0 (1)	0 (0)	0 (0)	2 (2)
Smoking Current	13 (9)	18 (29)	17 (19)	4 (0)	8 (13)	2 (3)	4 (4)	66 (77)
Alcohol intake >40 gms per day	9 (6)	12 (16)	21 (31)	4 (0)	10 (9)	4 (2)	3 (4)	63 (68)

Figure 34**Australia and New Zealand****Donor Weight 1989 - 1997**

	Years	Kilograms									Total
		0-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90 +	
Australia	1989	5	6	7	8	28	47	45	23	6	175
	1990	7	5	6	3	14	48	50	37	13	183
	1991	4	6	3	6	19	50	57	43	18	206
	1992	7	6	2	4	17	46	57	48	23	210
	1993	6	4	6	6	16	53	55	49	19	214
	1994	4	8	0	2	13	48	50	34	20	179
	1995	1	5	3	2	19	29	54	44	25	182
	1996	5	2	2	6	18	42	47	47	22	191
	1997	3	1	2	2	17	28	52	43	38	186
	Total	42	43	31	39	161	391	468	368	184	1727
New Zealand	1993	0	1	0	0	2	8	12	9	0	32
	1994	1	0	0	0	2	8	8	11	5	35
	1995	0	1	1	0	2	7	10	12	1	34
	1996	0	0	1	2	6	7	12	8	0	36
	1997	0	0	3	1	3	7	15	10	2	41
	Total	1	2	5	3	15	37	57	50	8	178

Data incomplete

DONOR INTENTION

Figures 35 to 38 show whether the donor had recorded an intention to be a donor through a signed driver's licence or a donor card.

In 1997, 24% of Australian and 26% of New Zealand organ donors had a signed driver's licence. There was a large variation between the Australian States, with the highest recording in Queensland of 43% and the lowest in Victoria 2%. There are a large number of donors in the "unknown" category.

In 1997, only five Australian (2.6%) and one New Zealand donor (2%) had a signed donor card. There were no donor cards signed in Queensland and the Northern Territory and only one in each of the other States. Once again there was a large number of donors in the "unknown" category.

Figure 35

Australia and New Zealand

Driver's Licence Status 1994 - 1997

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Yes	49	48	39	46	182	12	6	6	11	35
No	51	54	67	53	225	5	1	6	2	14
Student	22	16	22	18	78	1	6	1	3	11
Unknown	61	66	66	73	266	17	22	23	26	88
Total	183	184	194	190	751	35	35	36	42	148

Figure 36

Australian States

Driver's Licence Status 1997 (1996)

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Total
Yes	16 (15)	19 (15)	1 (0)	1 (0)	6 (5)	2 (0)	1 (4)	46 (39)
No	8 (3)	5 (9)	20 (33)	3 (1)	10 (13)	2 (1)	5 (7)	53 (67)
Student	4 (10)	9 (4)	2 (4)	0 (0)	1 (3)	0 (0)	2 (1)	18 (22)
Unknown	9 (7)	36 (41)	19 (12)	1 (0)	8 (4)	0 (2)	0 (0)	73 (66)
Total	37 (35)	69 (69)	42 (49)	5 (1)	25 (25)	4 (3)	8 (12)	190 (194)

Figure 37

Australia and New Zealand

Donor Card Status 1994 - 1997

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Yes	16	12	11	5	44	1	0	0	1	2
No	74	75	79	77	305	32	28	31	33	124
Student	21	15	22	18	76	1	6	5	3	15
Unknown	72	82	82	90	326	1	1	0	5	7
Total	183	184	194	190	751	35	35	36	42	148

Figure 38**Australian States****Donor Card Status 1997 (1996)**

	Qld		NSW/ACT		Vic.		Tas.		SA		NT		WA		Total	
Yes	-	(-)	1	(3)	1	(7)	1	(-)	1	(1)	-	(-)	1	(-)	5	(11)
No	19	(11)	12	(14)	20	(25)	4	(1)	13	(18)	4	(2)	5	(8)	77	(79)
Student	4	(10)	9	(4)	2	(4)	-	(-)	1	(3)	-	(-)	2	(1)	18	(22)
Unknown	14	(14)	47	(48)	19	(13)	-	(-)	10	(3)	-	(1)	-	(3)	90	(82)
Total	37	(35)	69	(69)	42	(49)	5	(1)	25	(25)	4	(3)	8	(12)	190	(194)

CONSENT FOR ORGAN DONATION

Figure 39 shows that Intensive Care Clinicians and Registrars played the predominant role in the requesting of consent for organ donation in both Australia (57%) and New Zealand (64%) in 1997.

There is a large difference between the Australian States in the role of the Transplant Coordinator in seeking consent. In 1997, consent was sought by the Transplant Coordinator in Queensland 19%, South Australia 16%, Victoria 14%, New South Wales/ACT 10% and Western

Australia 0%. Northern Territory and Tasmania do not have any resident Transplant Coordinators. See Figure 40.

Twenty eight per cent of families volunteered consent for organ donation in Australia and 17% in New Zealand. Western Australia had the highest number of donor families who volunteered consents, 75% in 1997, followed by Victoria 33%, Queensland 32%, South Australia 24%, New South Wales/ACT 23% and Tasmania and Northern Territory 0%.

Figure 39**Australia and New Zealand****Consent 1994 - 1997**

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
ICU Clinician/Registrar	95	105	123	108	431	19	18	21	27	85
Renal Physician/Registrar	3	3	0	3	9	3	1	4	1	9
Other Doctor	1	0	0	0	1	1	1	0	6	8
Transplant Coordinator	14	18	18	24	74	0	0	0	0	0
Volunteered	68	56	51	54	229	12	14	8	7	41
Nursing Staff	1	1	0	1	3	0	1	0	1	2
Social Worker	0	1	2	0	3	0	0	0	0	0
Others	1	0	0	0	1	0	0	3	0	3
Total	183	184	194	190	751	35	35	36	42	148

Figure 40**Australian States****Consent 1997 (1996)**

	Qld		NSW/ACT		Vic.		Tas.		SA		NT		WA		Total	
ICU Staff	17	(18)	43	(46)	22	(41)	5	(1)	15	(11)	4	(2)	2	(4)	108	(123)
Renal Staff	1	0	3	0	0	0	0	0	0	0	0	0	0	0	4	0
Tx.Coord.	7	(4)	7	(2)	6	(1)	0	0	4	(10)	0	0	0	(1)	24	(18)
Volunteered	12	(12)	16	(20)	14	(7)	0	0	6	(4)	0	(1)	6	(7)	54	(51)
Other	0	(1)	0	(1)	0	0	0	0	0	0	0	0	0	0	0	(2)
Total	37	(35)	69	(69)	42	(49)	5	(1)	25	(25)	4	(3)	8	(12)	190	(194)

DIRECT CONTACT WITH TRANSPLANT COORDINATOR

Figure 41 shows the direct contact that Transplant Coordinators have with donor families at the time of organ donation at the hospital. In Australia, there has been a slight decrease in contact in 1997, 69% (1996, 71%).

In New Zealand it was 12% for 1997.

There are differences between the States, with Western Australia and South Australia having the highest contact in 1997, (100% and 88%), followed by Queensland 73%, Victoria 71%, New South Wales/ACT 64%. Northern Territory and Tasmania do not have resident Transplant Coordinators.

Figure 41

Australia and New Zealand

Direct Contact with Transplant Coordinator 1997 (1996)

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Aust.	N.Z.
Yes	27 (26)	44 (38)	30 (40)	0 0	22 (23)	0 0	8 (11)	131 (138)	5 (5)
No	10 (9)	25 (31)	12 (9)	5 (1)	3 (2)	4 (3)	0 (1)	59 (56)	37 (31)
Total	37 (35)	69 (69)	42 (49)	5 (1)	25 (25)	4 (3)	8 (12)	190 (194)	42 (36)

CORONER'S CASES

Forty three per cent of all Australian donors were subject to Coronal inquiry. This is a decrease from 57% in 1996.

In New Zealand it was 67% for 1997, an increase from 47% in 1996.

Figure 42

Australia and New Zealand

Coroner's Cases 1994 - 1997

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Yes	93	96	110	82	381	14	24	17	28	83
No	90	88	84	108	370	21	11	19	14	65
Total	183	184	194	190	751	35	35	36	42	148

Figure 43

Australian States

Coroner's Cases 1997 (1996)

	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA	Total
Yes	15 (22)	37 (43)	10 (20)	2 (1)	9 (15)	2 (3)	7 (6)	82 (110)
No	22 (13)	32 (26)	32 (29)	3 0	16 (10)	2 0	1 (6)	108 (84)
Total	37 (35)	69 (69)	42 (49)	5 (1)	25 (25)	4 (3)	8 (12)	190 (194)

SUMMARY - ORGANS REQUESTED, CONSENT GIVEN, RETRIEVED AND TRANSPLANTED

The information relating to the request for organ donation refers only to those patients who become organ donors. If consent was sought and refused, the Registry has no record of these potential donors.

The difference between a request and a consent

is a family refusal for the specific organ. Reasons for not requesting organs, not retrieving and not transplanting are documented for all of the specific organs. Refer to Appendices.

Figure 44 shows the outcome of organs requested in 1997 (1996).

Figure 44 Australia and New Zealand

Outcome Following Request for Organ Donation 1997 (1996)

		Kidneys		Liver		Heart		Lungs		Pancreas		Bone	
Australia	Requested	374	(388)	165	(177)	151	(169)	292	(320)	99	(104)	44	(49)
	Consent Given	374	(388)	162	(170)	143	(157)	284	(296)	89	(94)	25	(31)
	Retrieved	366	(385)	130	(114)	98	(94)	133	(127)	26	(25)	16	(15)
	Transplanted	355	(361)	*130	(*119)	93	(94)	132	(116)	16	(12)	St.	St.
New Zealand	Requested	84	(72)	35	(29)	34	(31)	62	(46)	6	(8)	14	(10)
	Consent Given	84	(72)	34	(29)	33	(31)	60	(46)	4	(8)	11	(10)
	Retrieved	84	(72)	22	(23)	16	(14)	10	(20)	1	(2)	6	(6)
	Transplanted	83	(71)	22	(23)	16	(14)	7	(18)	0	0	St.	St.

* Split Liver (9) 1997, (10) 1996.

St. = Stored

Kidneys and Lungs are counted as separate organs

ORGANS REQUESTED

From the 190 Australian organ donors in 1997, specific organs requested were: kidneys in all donors 100%, liver 87%, heart 79%, lungs 77%, pancreas 52%, bone 23%.

From the 42 New Zealand donors in 1997, specific organs requested were: kidneys in all donors 100%, liver 83%, heart 81%, lungs 74%, pancreas 14%, bone 33%.

ORGANS CONSENTED

Overall consent to retrieve more than one organ or tissue was given in 95% of Australian donors in 1997. This is similar to the previous year (96%).

For New Zealand, 90% of 1997 donors consented to more than one organ. This was a decrease from 97% in 1996.

The specific organs consented from those requested in Australia in 1997 were: kidneys 100%, liver 98%, heart 95%, lungs 97%, pancreas 90% and bone 57%.

In New Zealand, kidneys 100%, liver 97%, heart 97%, lungs 97%, pancreas 67% and bone 79%.

ORGANS RETRIEVED

For those Australian organs in which consent had been given, the specific organ retrieval rates in 1997 were: kidneys 98%, liver 80%, heart 69%, lungs 47%, pancreas 29% and bone 64%.

Figure 45 shows the number of organs retrieved from each donor. In Australia in 1997, 76% of donors were multiple organ donors, compared to 67% in New Zealand.

Figure 46 shows some differences between States. In particular single organ donation ranged

from 0% in Western Australia to 38% in Victoria.

There was no donor in South Australia/Northern Territory and Western Australia who donated five organs due to logistical difficulties to retrieve pancreas from these States.

For New Zealand in 1997, the specific organ retrieval rates when consent had been given were: kidneys 100%, liver 65%, heart 48%, lungs 17%, pancreas 25% and bone 55%.

Figure 45

Australia and New Zealand

Multiple Organ Retrieval 1994 - 1997

No. of Organs	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
Single	21%	18%	27%	24%	31%	29%	17%	33%
Two	27%	20%	24%	23%	43%	31%	44%	31%
Three	20%	33%	25%	23%	17%	20%	25%	33%
Four	26%	26%	18%	24%	9%	20%	14%	3%
Five	6%	3%	6%	6%	0	0	0	0

Figure 46

Australian States

State by State Comparison of Multiple Organ Retrieval 1997

No. of Organs	Qld	NSW/ACT	Vic./Tas.	SA/NT	WA	Aust.
Single	8%	24%	38%	28%	0	24%
Two	27%	25%	11%	31%	25%	23%
Three	40%	17%	19%	24%	12%	23%
Four	22%	22%	26%	17%	63%	24%
Five	3%	12%	6%	0	0	6%
Total	100%	100%	100%	100%	100%	100%

NB: 2 kidneys = 1 organ 2 lungs = 1 organ

ORGANS TRANSPLANTED

The rate of transplantation from Australian organs that were retrieved in 1997 is as follows: kidneys 97%, liver 100% (including recipients of "split" livers), heart 95%, lungs 99%, pancreas 62%, bones were stored for later use.

Australia had 3.6 organs used for transplantation in 1997 compared to New Zealand at 3.0.

Western Australia had the highest number of

organs transplanted, 4.5 per donor, followed by Queensland 4.1. These figures exclude tissue transplantation and relates to the number of recipients.

In 1997 for New Zealand, the transplantation rate was: kidneys 99%, liver 100%, heart 100%, lungs 70%, pancreas 0%, bones were stored for later use.

Figure 47

Australia and New Zealand

Organs Transplanted per Donor 1997 (1996)

	Qld		NSW/ACT		Vic./Tas.		SA/NT		WA		Aust.		N.Z.	
No. Organs Transplanted	150	(129)	240	(238)	160	(147)	93	(102)	36	(42)	679	(658)	126	(119)
No. of Donors	37	(35)	69	(69)	47	(50)	29	(28)	8	(12)	190	(194)	42	(36)
Average per Donor	4.1	(3.7)	3.5	(3.4)	3.4	(2.9)	3.2	(3.6)	4.5	(3.5)	3.6	(3.4)	3.0	(3.3)

EXCHANGE OF ORGANS

Figure 48 shows the number of organs that were sent and received from within Australia and New Zealand. A balance is maintained between Australian States for the allocation of kidneys. This is achieved by the Interstate Kidney Ex-

change protocols in which all Australian States participate.

There is no monitoring of allocation for the other organs.

Figure 48

Australia and New Zealand

Exchange of Organs Between States and New Zealand 1997 (1996)

		Kidneys		Liver		Heart		Lungs *		Total	
Queensland	Sent	9	(10)	6 ⁺	(4)	3	(1)	13	(10)	31	(25)
	Received	13	(8)	23	(17)	3	(6)	4	0	43	(31)
New South Wales/ACT	Sent	26	(27)	17	(11)	0	(5)	6	(8)	47	(51)
	Received	32	(33)	15	(20)	8	(7)	15	(29)	70	(89)
Victoria	Sent	25	(23)	5 ⁺	(9)	3	(1)	4	0	37	(33)
	Received	25	(25)	19	(15)	12	(13)	38	(31)	94	(84)
Tasmania	Sent	8	(2)	3	(1)	3	(1)	4	(2)	18	(6)
South Australia	Sent	11	(16)	11	(9)	10	(15)	14	(24)	46	(64)
	Received	12	(14)	2 ⁺	(3)	0	0	0	0	14	(17)
Northern Territory	Sent	6	(6)	4	(2)	2	(1)	4	0	16	(9)
Western Australia	Sent	7	(10)	3	(1)	2	(3)	10	(12)	22	(26)
	Received	12	(15)	12	(5)	2	(2)	0	0	26	(22)
New Zealand	Sent	2	(1)	22	(23)	2	(1)	2	(4)	28	(29)
	Received	0	0	0	0	0	0	0	0	0	0

* Total number of lungs (not recipients).

+ Number of recipients of livers.

Figure 49

Summary of Organs from New Zealand Donors Transplanted in Australia 1989 - 1997

Year	Liver	Heart	Lungs	Kidneys	Total
1989	1	0	0	0	1
1990	7	0	0	0	7
1991	13	0	0	0	13
1992	24	0	0	2	26
1993	16	0	0	0	16
1994	21	0	2	4	27
1995	21	5	5	0	31
1996	23	1	4	1	29
1997	22	2	2	2	28
Total	148	8	13	9	178

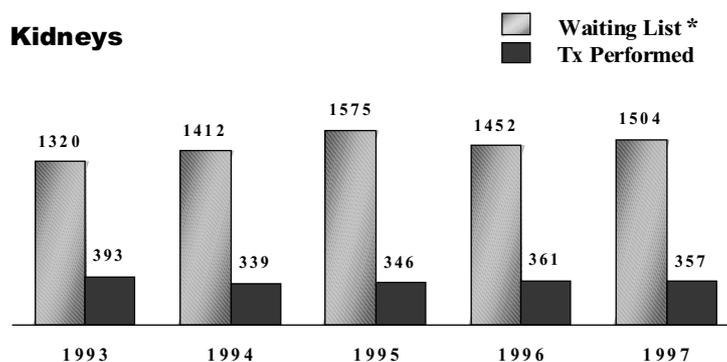
KIDNEYS

Figure 50 shows the number of Australian patients waiting for a kidney transplant and the number of cadaveric transplants performed for each year from 1993 - 1997.

Figure 51 shows the number of New Zealand patients waiting for a kidney transplant and the number of cadaveric transplants performed for each year from 1993 - 1997.

Figure 50

Waiting List vs Cadaver Transplants Australia 1993 - 1997



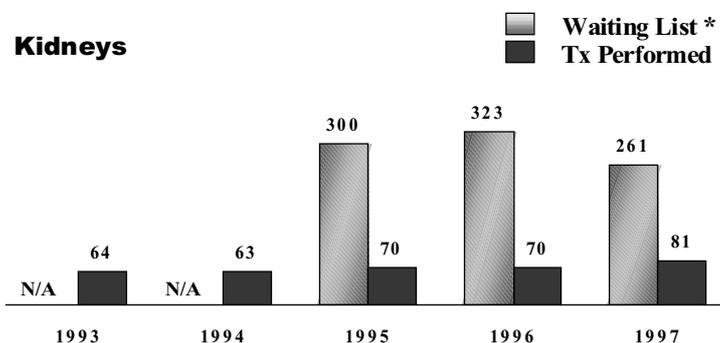
* Data as at 30-Jun-93 ACCORD Newsletter 6, published Jul-93
 Data as at 30-Jun-94 ACCORD Newsletter 9, published Aug-94
 Data as at 30-Jun-95 ACCORD Newsletter 12, published Sep-95
 Data as at 30-Jun-96 ACCORD Newsletter 14, published Jul-96
 Data as at 30-Jun-97 ACCORD Newsletter 17, published Aug-97

As at 25th February 1998, the National Kidney matching service recorded 1499 people on the waiting list.

The breakdown of blood group was: 'O': 821 (55%), 'A': 512 (34%), 'B': 144 (10%) and 'AB': 22 (1%).

Figure 51

Waiting List vs Cadaver Transplants New Zealand 1993 - 1997



* Source of Waiting List - NZ Tissue Typing Laboratory

NB Kidneys sent to Australia: 1994 (4) 1996 (1) 1997 (2)

Figure 52

Australia and New Zealand

Age of Kidney Donors 1993 - 1997

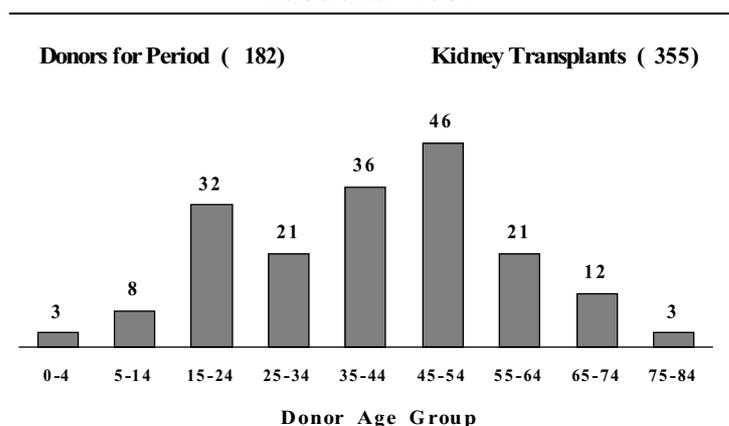
	Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	Total
Australia	1993	3 (1)	17	46	34	33	39	26	7	0	205
	1994	5 (3)	10	46	23	27	32	17	10	1	171
	1995	4 (2)	9	39	31	33	29	23 (1)*	10	0	178
	1996	5 (3)	10	36	29	36	39	25	8	0	188
	1997	3 (2)	8	32	21	36	46	21	12	3	182
	Total	20 (11)	54	199	138	165	185	112	47	4	924
New Zealand	1993	1	0	6	3	6	14	2	1	0	33
	1994	1 (1)	0	4	8	7	10	4	1	0	35
	1995	0	4	9	6	7	5	2	2	0	35
	1996	0	2	12	3	3	9	6	1	0	36
	1997	0	4	15	3	3	9	7	1	0	42
	Total	2 (1)	10	46	23	26	47	21	6	0	181

() "En-Bloc" Kidneys
 * Horseshoe Kidney (Adult)

Figures 53 and 54

Age of Kidney Donors

Australia 1997



New Zealand 1997

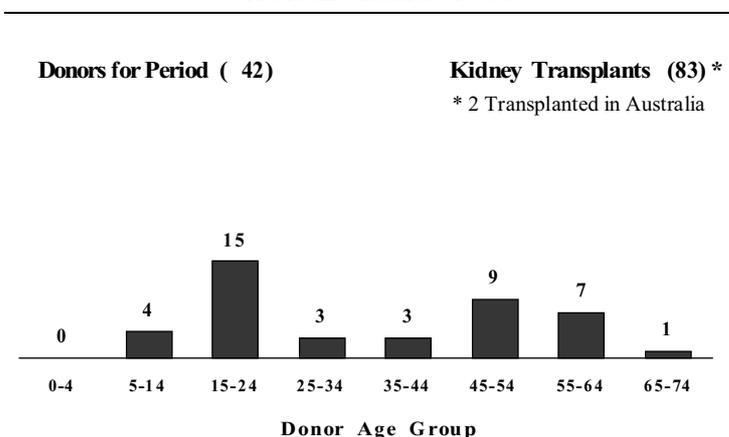
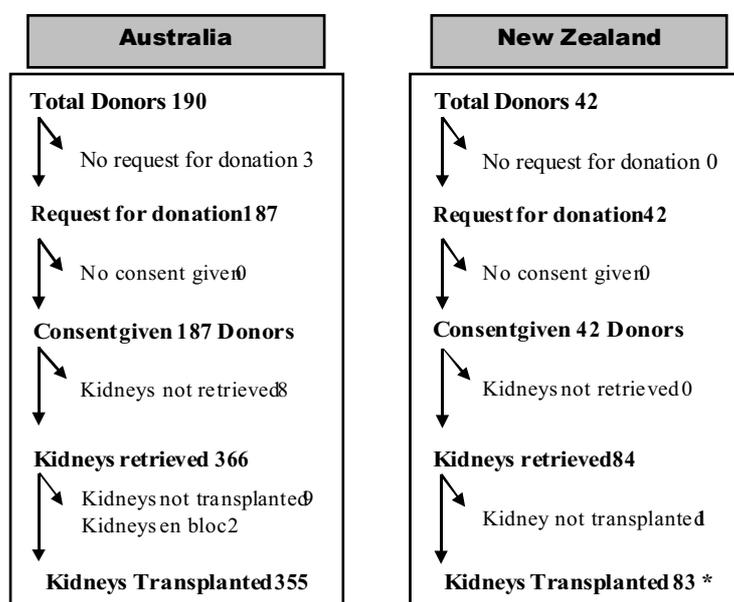


Figure 55**Australia and New Zealand****Reasons Kidneys were Unusable 1993 - 1997**

		1993	1994	1995	1996	1997	Total
Australia	Renal disease in donor	17	2	5	9	4	37
	Infection in donor	2	2	0	3	1	8
	Cancer in donor	0	2	2	0	0	4
	Anatomical	1	0	0	6	3	10
	Surgical	2	2	5	1	1	11
	Trauma	2	0	0	0	0	2
	No suitable recipient	1	0	0	1	0	2
	Unknown	5	0	0	1	0	6
Total	30	8	12	21	9	80	
New Zealand	Surgical	0	0	0	1	1	2
	Unknown	4	0	0	0	0	4
	Total	4	0	0	1	1	6

Figure 56**Australia and New Zealand****Donor Age of Unusable Kidneys 1993 - 1997**

		Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	Total
Australia	1993	0	1	2	0	1	7	10	9		30
	1994	1	0	0	2	0	0	3	2		8
	1995	0	0	0	0	4	0	8	0		12
	1996	3	0	0	0	1	0	11	6		21
	1997	0	0	0	0	0	2	4	3		9
	Total	4	1	2	2	6	9	36	20		80
New Zealand	1993	0	0	1	2	1	0	0	0		4
	1994	0	0	0	0	0	0	0	0		0
	1995	0	0	0	0	0	0	0	0		0
	1996	0	0	0	0	0	1	0	0		1
	1997	0	0	0	0	0	1	0	0		1
	Total	0	0	1	2	1	2	0	0		6

Figures 57 and 58**Outcome of Request for Kidney Donation 1997**

* 2 Transplanted in Australia

Refer to Appendices for reasons kidneys were not requested, not retrieved and not transplanted.

KIDNEY PERFUSION METHODS

Australia

In 1997, Ross solution was used predominantly (64%) as the single perfusion solution. See Figure 59.

However, University of Wisconsin (UW) was used as the final perfusion solution in 62% of cases when more than one solution was used. See Figure 60.

There has been a decrease since 1994 in the use of single solution perfusion and an increase in the

addition of other solutions prior to the final use of UW solution over this period.

New Zealand

Ross and UW solution was predominantly used as the single perfusion solution.

UW was the final perfusion solution in 81% of kidneys.

Figure 59

Australia and New Zealand

Kidney Perfusion with Only One Solution 1994 - 1997

	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
Ross	97	84	114	71	6	0	8	12
UW	103	22	22	34	24	12	2	14
Collins	16	6	10	6	4	16	8	2
Hartmans	0	0	2	0	0	0	0	0
Total	216	112	148	111	34	28	18	28

Figure 60

Australia and New Zealand

Final Perfusion Solution - Kidneys 1994 - 1997

	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
Ross	125	130	130	99	10	2	12	14
UW	165	203	219	227	52	52	52	68
Collins	54	26	34	40	6	16	8	2
Hartmans	0	0	2	0	0	0	0	0
Total	344	359	385	366	68	70	72	84

DONOR KIDNEY FUNCTION

Terminal Levels of Serum Creatinine and Urea

In 1997, 88% of Australian donors had a terminal serum creatinine of < 125 $\mu\text{mol/L}$ and 87% had a terminal serum urea of < 9 mmol/L .

New Zealand had 90% of donors with a terminal serum creatinine of < 125 $\mu\text{mol/L}$ and 92% with terminal serum urea of < 9 mmol/L .

There has not been an appreciable change in donor terminal renal function from 1994 - 1997.

Figure 61

Australia and New Zealand

Terminal Serum Creatinine Levels 1994 - 1997

Creatinine Levels	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
00-99	72%	56%	63%	69%	78%	56%	85%	67.5%
100-124	17%	26%	22%	19%	11%	35%	9%	22.5%
125-149	4%	12%	7%	4%	4.5%	9%	3%	5%
150-174	3%	5%	5%	4%	2%	0	0	2.5%
175-199	2%	0	1%	2%	0	0	3%	0
200-224	1%	1%	1%	1%	0	0	0	2.5%
225-249	1%	0	<1%	<1%	4.5%	0	0	0
> 250	0	<1%	0	1%	0	0	0	0
Total	100%							

Figure 62

Australia and New Zealand

Terminal Serum Urea Levels 1994 - 1997

Urea Levels	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
00-04	50%	35%	48%	49%	43%	46%	47%	39%
05-08	40%	55%	38%	38%	48%	44%	47%	53%
09-12	10%	9%	10%	10%	3%	5%	3%	5%
13-16	<1%	0	2%	2%	6%	5%	3%	0
> 16	0	1%	2%	1%	0	0	0	3%
Total	100%							

EFFECT OF CREATININE LEVEL ON KIDNEY GRAFT SURVIVAL

The kidney graft survival analysis have been produced by incorporating data from the ANZDATA Registry with specific donor data from the ANZOD Registry.

The kidney graft survival over five years was not significantly different ($p=0.9448$) when donors

with a terminal serum creatinine of $< 120 \mu\text{mol/L}$ were compared to those with higher levels.

The New Zealand data is presented for the first time in this Report.

The numbers are small and survival has been calculated for four years only.

Figure 63

Australia and New Zealand

Terminal Creatinine Levels in Kidney Donors Primary Cadaver Graft Survival

Creatinine Levels		1 Year	2 Years	3 Years	4 Years	5 Years
Australia 1989 to 30-Sep-97	Less than $120 \mu\text{mol/L}$ (n=2185)	87 ± 1	83 ± 1	80 ± 1	77 ± 1	74 ± 1
	Greater than or equal to $120 \mu\text{mol/L}$ (n=615)	85 ± 1	83 ± 2	79 ± 2	76 ± 2	73 ± 2
New Zealand 1993 to 30-Sep-97	Less than $120 \mu\text{mol/L}$ (n=234)	78 ± 3	75 ± 3	71 ± 4	67 ± 4	-
	Greater than or equal to $120 \mu\text{mol/L}$ (n=37)	84 ± 7	84 ± 7	84 ± 7	84 ± 7	-

[% survival \pm S.E.]

EFFECT OF OLIGURIA ON KIDNEY GRAFT SURVIVAL

There was a significant reduction in kidney graft survival at one year (log rank $p=0.0150$) when comparing donors who had no oliguria and those who were oliguric. These differences became more obvious after two years.

In the terminal twelve hours oliguria was defined as urine output $< 20 \text{ ml}$ for any hour.

New Zealand data has been calculated for 4 years only.

Figure 64

Australia and New Zealand

Oliguria in Kidney Donors Primary Cadaver Graft Survival

Oliguria		1 Year	2 Years	3 Years	4 Years	5 Years
Australia 1989 to 30-Sep-97	No oliguria (n=2598)	87 ± 1	83 ± 1	80 ± 1	77 ± 1	75 ± 1
	Oliguria (n=299)	85 ± 2	81 ± 2	75 ± 3	71 ± 3	63 ± 3
New Zealand 1993 to 30-Sep-97	No oliguria (n=221)	76 ± 3	75 ± 3	71 ± 4	68 ± 4	-
	Oliguria (n=64)	79 ± 5	76 ± 6	76 ± 6	76 ± 6	-

[% survival \pm S.E.]

EFFECT OF HYPOTENSION ON KIDNEY GRAFT SURVIVAL

There was no significant difference (log rank $p=0.2930$) in kidney graft survival over five years between those donors with or without hypotension (defined as systolic blood pressure < 70 mmHg at any time), during their terminal care.

New Zealand data has been calculated for 4 years only.

Figure 65

Australia and New Zealand Hypotension in Kidney Donors Primary Cadaver Graft Survival

	Hypotension	1 Year	2 Years	3 Years	4 Years	5 Years
Australia 1989 to 30-Sep-97	No Hypotension (n=2124)	87 ± 1	83 ± 1	80 ± 1	77 ± 1	74 ± 1
	Hypotension (n=777)	86 ± 1	83 ± 1	79 ± 2	76 ± 2	72 ± 2
New Zealand 1993 to 30-Sep-97	No Hypotension (n=250)	77 ± 3	75 ± 3	71 ± 3	67 ± 4	-
	Hypotension (n=35)	85 ± 6	82 ± 7	78 ± 7	78 ± 7	-

[% survival ± S.E.]

COMBINED EFFECT OF HYPOTENSION AND OLIGURIA ON KIDNEY GRAFT SURVIVAL

In donors without hypotension, the presence of oliguria was associated with a statistically significant difference in graft survival (log rank $p=0.0087$). Five year graft survival was 61% with oliguria and 75% without oliguria. In the presence of hypotension there was no significant

difference (log rank $p=0.5441$) in the presence or absence of oliguria.

New Zealand data has been calculated for 4 years only.

Figure 66

Australia and New Zealand

Hypotension and Oliguria in Kidney Donors Primary Cadaver Graft Survival

		1 Year	2 Years	3 Years	4 Years	5 Years
Australia 1989 to 30-Sep-97	No Hypotension (log rank $p=0.0087$)					
	Oliguria present (n=150)	86 ± 3	81 ± 3	71 ± 4	67 ± 4	61 ± 5
	Oliguria absent (n=1971)	87 ± 1	83 ± 1	80 ± 1	78 ± 1	75 ± 1
	Hypotension Present (log rank $p=0.5441$)					
	Oliguria present (n=149)	84 ± 3	81 ± 3	78 ± 4	73 ± 4	66 ± 4
	Oliguria absent (n=625)	86 ± 1	83 ± 2	79 ± 2	77 ± 2	74 ± 2
New Zealand 1993 to 30-Sep-97	No Hypotension (log rank $p=0.3940$)					
	Oliguria present (n=59)	78 ± 6	78 ± 6	78 ± 6	78 ± 6	-
	Oliguria absent (n=191)	76 ± 3	73 ± 4	69 ± 4	65 ± 5	-
	Hypotension Present (log rank $p=0.3751$)					
	Oliguria present (n=5)	80 ± 18	60 ± 22	60 ± 22	60 ± 22	-
	Oliguria absent (n=30)	86 ± 6	86 ± 6	82 ± 8	82 ± 8	-

[% survival ± S.E.]

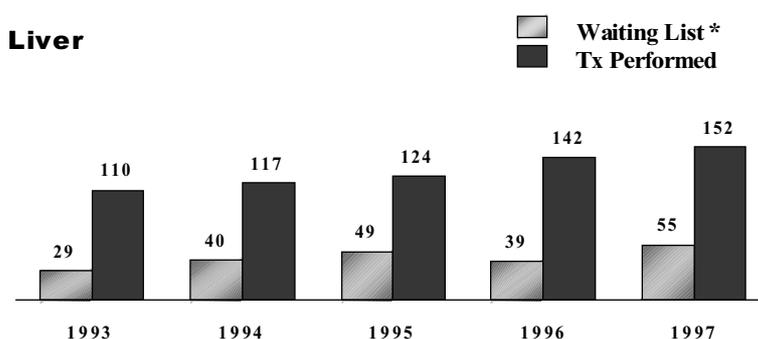
LIVER

There were 152 liver transplants performed in 1997 from 147 donors. This includes 22 livers sent to Australia from New Zealand. Six transplants were performed using the "split" liver

technique (five split livers at the Princess Alexandra Hospital, Brisbane), with one liver (right lobe) shipped to the Flinders Medical Centre in South Australia for transplantation.

Figure 67

Waiting List vs Cadaver Transplants Australia 1993 - 1997



Totals include split livers and NZ donated livers transplanted in Australia

* Data as at 30-Jun-93 ACCORD Newsletter 6, published Jul-93
 Data as at 30-Jun-94 ACCORD Newsletter 9, published Aug-94
 Data as at 30-Jun-95 ACCORD Newsletter 12, published Sep-95
 Data as at 30-Jun-96 ACCORD Newsletter 14, published Jul-96
 Data as at 30-Jun-97 ACCORD Newsletter 17, published Aug-97

Figure 68

Australia and New Zealand

Regional Outcome of Requests for Liver Donation 1989 - 1997

Potential Donors	Qld	NSW/ACT	Vic./Tas.	SA/NT	WA	Aust.	N.Z.**
Total	375	666	436	217	137	1831	182
Requested	368	583	370	178	107	1606	136
Consented	360	563	351	169	100	1543	134
Retrieved	265	364	223	108	63	1023	103
Transplanted *	273	357	194	104	59	987	103

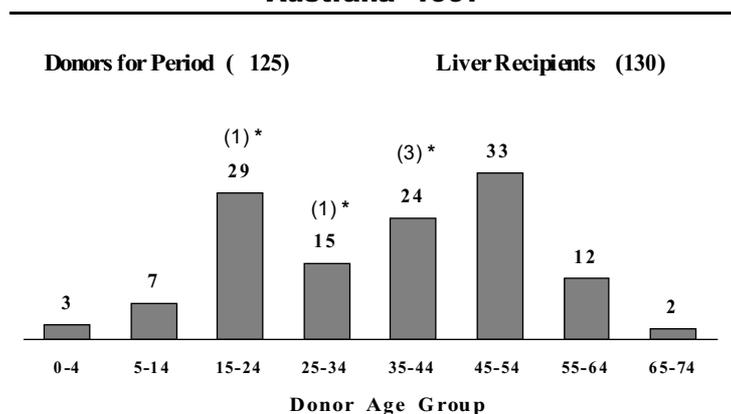
* Refers to number of recipients - use of split livers

** New Zealand 1993 - 1997

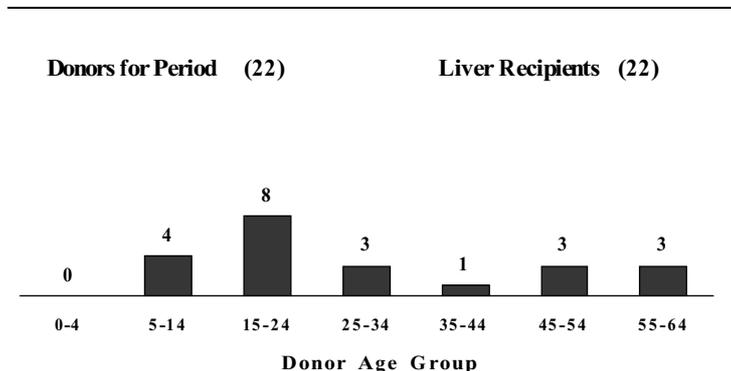
Figure 69**Australia and New Zealand****Age of Liver Donors 1993 - 1997**

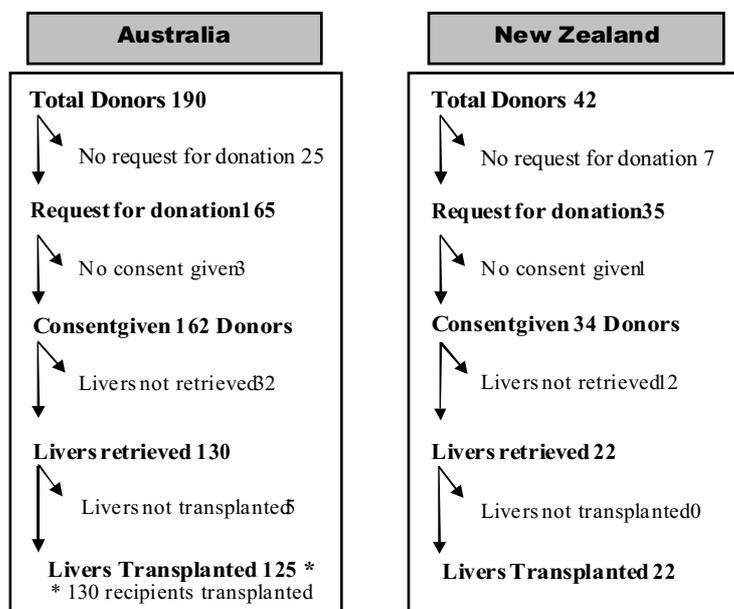
	Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	Total
Australia	1993	5	12	29	19	16	18	11	0	110
	1994	3	9	40 ⁺⁺	17	20	18	8	0	115
	1995	4	8	32 ⁺⁺	21 ⁺	22 ⁺	21	11	1	120
	1996	3	8	25(5 ⁺)	20	25 ⁺⁺	23 ⁺	7	0	111
	1997	3	7	29 ⁺	15 ⁺	24(3 ⁺)	33	12	2	125
	Total	18	44	155	92	107	113	49	3	581
New Zealand	1993	1	0	3	2	2	8	0	0	16
	1994	1	0	4	5	6	5	0	0	21
	1995	0	2	7	2	5	4	1	0	21
	1996	0	1	10	1	1	6	4	0	23
	1997	0	4	8	3	1	3	3	0	22
	Total	2	7	32	13	15	26	8	0	103

⁺ One liver transplanted into two recipients

Figures 70 and 71**Age of Liver Donors****Australia 1997**

* Number of livers transplanted into two recipients

New Zealand 1997

Figures 72 and 73**Outcome of Request for Liver Donation 1997**

Refer to Appendices for reasons livers were not requested, not retrieved and not transplanted.

PERFUSION OF LIVERS**Australia**

All but three livers retrieved in 1997 had a final perfusion with University of Wisconsin Solution (UW). Ross (47%), Hartmans (33%), Collins (2%) and UW (18%) were used as initial preservation solutions.

New Zealand

Of the 22 livers retrieved in 1997, all had a final perfusion with UW.

DONOR LIVER FUNCTION

The results of the serum tests for liver function for 130 Australian and 22 New Zealand Donors in 1997 is shown below. Sixty eight per cent of Australian and 32% of New Zealand donors had

all five tests performed. Figure 74 shows the number of donors whose liver function was above the normal range.

Figure 74**Australia and New Zealand****Number of Donors with Liver Function Tests above Normal Range**

	Australia	New Zealand
Alkaline Transaminase ALT > 45 µ/L	20 (16%) (max. recorded 1194)	2 (9%) (max. recorded 150)
Gamma Glutamyl Transferase GGT > 60 µ/L	19 (15%) (max. recorded 325)	0
Total Bilirubin > 20 µmol/L	29 (23%) (max. recorded 52)	6 (27%) (max. recorded 42)
Alkaline Phosphatase > 120 µ/L	13 (10%) (max. recorded 309)	4 (18%) (max. recorded 184)
Aspartate Transaminase AST > 45 µ/L	38 (39%) (max. recorded 444)	9 (50%) (max. recorded 420)

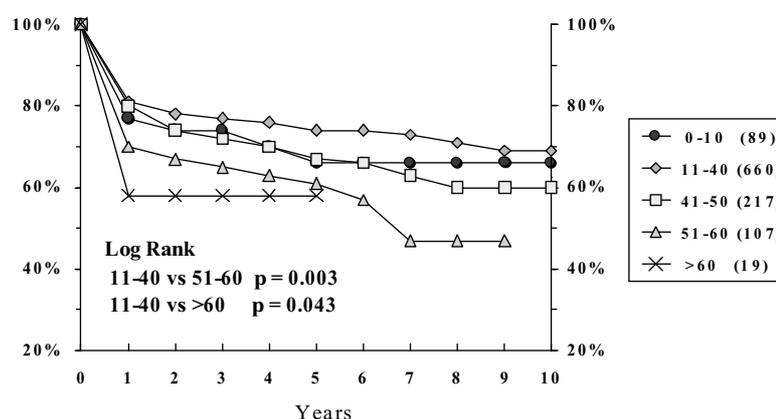
DONOR FACTORS AFFECTING PRIMARY CADAVERIC LIVER ALLOGRAFT SURVIVAL 1986 - 1997

(Data derived from Australia and New Zealand Organ Donation Registry (ANZOD)
and The Australian Liver Transplant Registry, c/- Australian National Liver
Transplant Unit, Royal Prince Alfred Hospital, Missenden Road, Camperdown, NSW 2050)

Edited by: D. Verran, P. Dilworth, A.K.K. Chui, A.G.R. Sheil

Figure 75

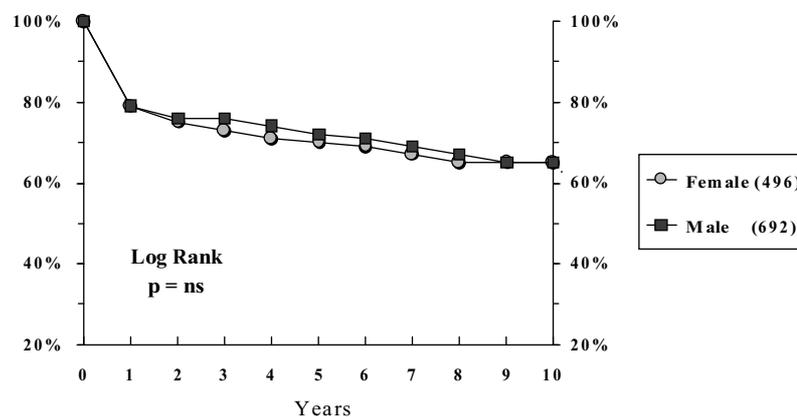
Primary Graft Survival 1986 - 1997 According to Donor Age



Livers from donors aged between 11 and 40 years of age had a significantly better graft survival after transplantation compared to livers from donors in the two age brackets over 50 years of age. After five years post transplant, donors between the ages of 51 and 60 years had the worst graft survival.

Figure 76

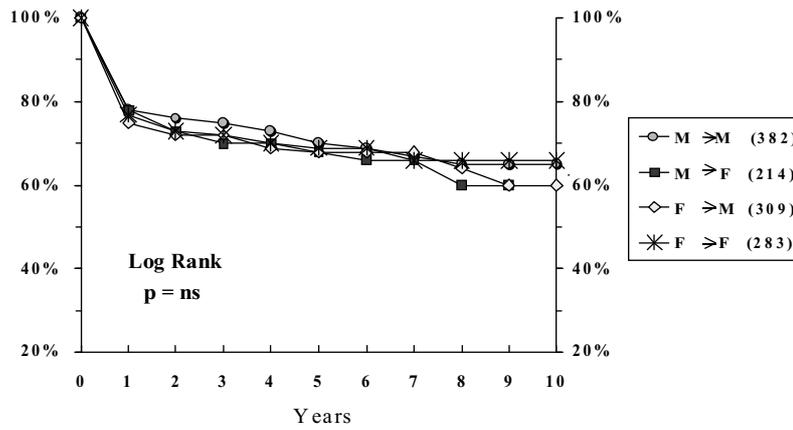
Primary Graft Survival 1986 - 1997 According to Gender



There is no difference in graft survival for livers from male or female donors.

Figure 77

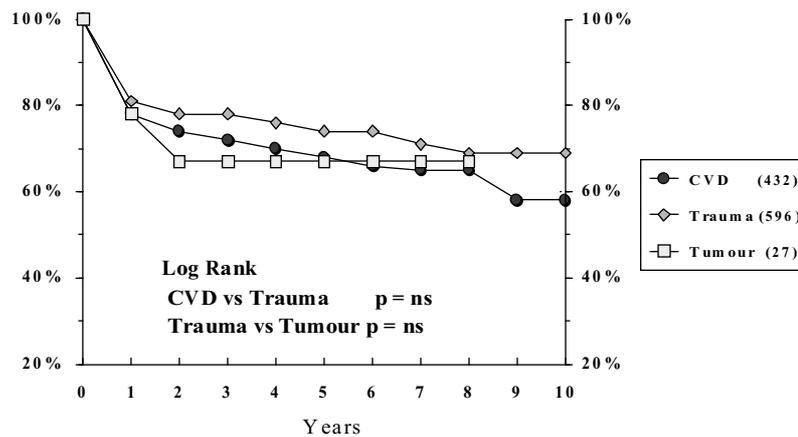
**Primary Graft Survival 1986 - 1997
According to Recipient-Donor Combinations**



There is no difference in graft survival for livers from male or female donors placed into recipients of either sex.

Figure 78

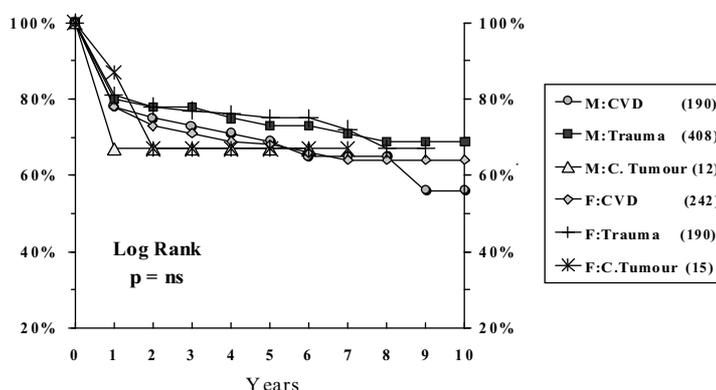
**Primary Graft Survival 1986 - 1997
According to Donor Cause of Death**



The slight differences in graft survival between donors dying from trauma, cerebrovascular disease and intracranial malignancy are not significant.

Figure 79

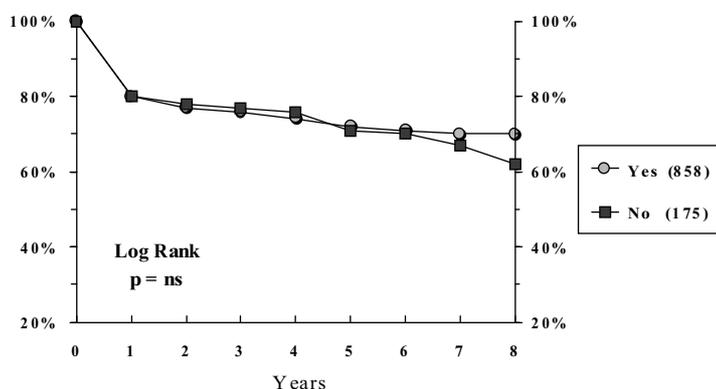
**Primary Graft Survival 1986 - 1997
According to Gender and Cause of Death**



There no difference in graft survival when the cause of donor death is examined according to donor gender.

Figure 80

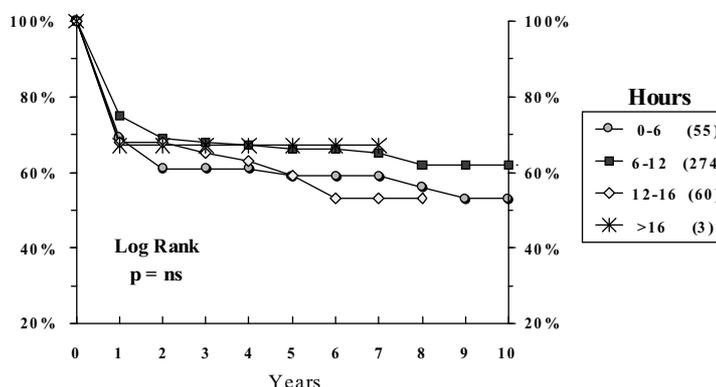
**Primary Graft Survival 1986 - 1997
According to Inotrope Use**



There is no difference in liver graft survival in donors maintained on inotropes versus those who were not.

Figure 81

**Primary Graft Survival 1986 - 1997
According to Graft Ischaemia Time**



In spite of small numbers, the livers with 12-16 hours of ischaemia have a reduced graft survival after three years.

HEART

There were 91 hearts, 4 heart/lung bloc, 44 double and 38 single lung operations performed in Australia in 1997. This total includes 1 heart/lung and 1 heart only donated from New Zealand.

In New Zealand in 1997, 14 hearts, 1 double and 3 single lung transplants were performed.

Figures 82, 83, 84 and 85

Waiting List vs Cadaver Transplants

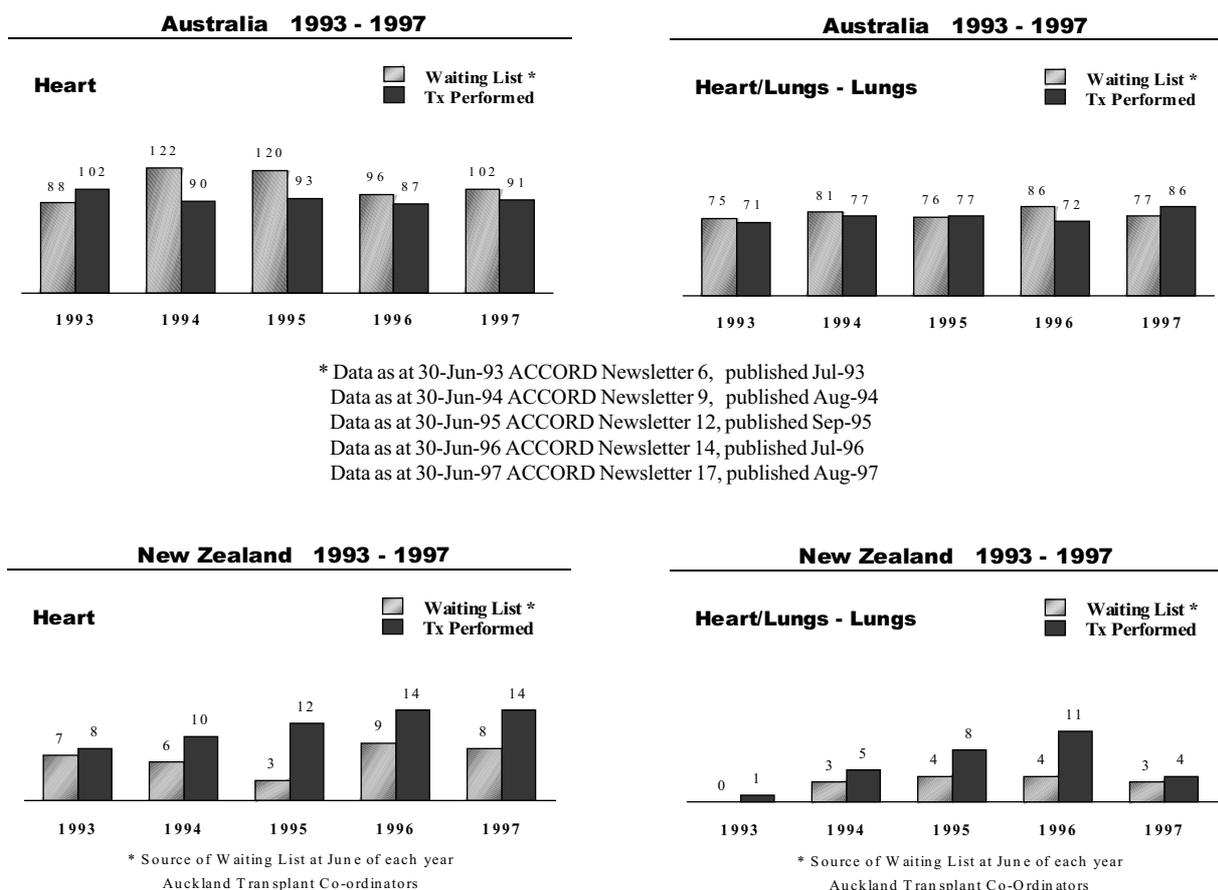


Figure 86

Australia and New Zealand

Number of Recipients of Heart and Lung Transplants 1993 - 1997

		1993	1994	1995	1996	1997	Total
Australia	Heart	102	90	93	87	90	462
	Heart/lung	13	13	15	7	3	51
	Double lung	34	43	36	37	44	194
	Single left lung	13	11	12	12	20	68
	Single right lung	11	10	14	16	18	69
	Total	173	167	170	159	175	844
New Zealand	Heart	8	10	12	14	15	59
	Heart/lung	0	0	0	0	1	1
	Double lung	0	1	6	7	1	15
	Single left lung	0	1	1	3	1	6
	Single right lung	1	3	1	1	2	8
	Total	9	15	20	25	20	89

Figure 87

Australia and New Zealand

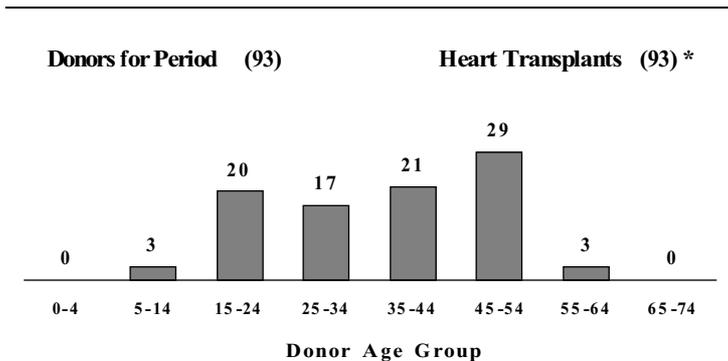
Age of Heart Donors 1993 - 1997

	Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	Total
Australia	1993	0	7	33	25	21	20	9	0	115
	1994	1	4	37	14	16	22	8	1	103
	1995	2	7	29	20	22	20	8	0	108
	1996	1	3	22	21	22	24	1	0	94
	1997	0	3	20	17	21	29	3	0	93
	Total	4	24	141	97	102	115	29	1	513
New Zealand	1993	0	0	2	1	2	3	0	0	8
	1994	0	0	1	5	2	2	0	0	10
	1995	0	1	4	1	6	0	0	0	12
	1996	0	0	6	1	2	5	0	0	14
	1997	0	0	10	3	0	3	0	0	16
	Total	0	1	23	11	12	13	0	0	60

Figures 88 and 89

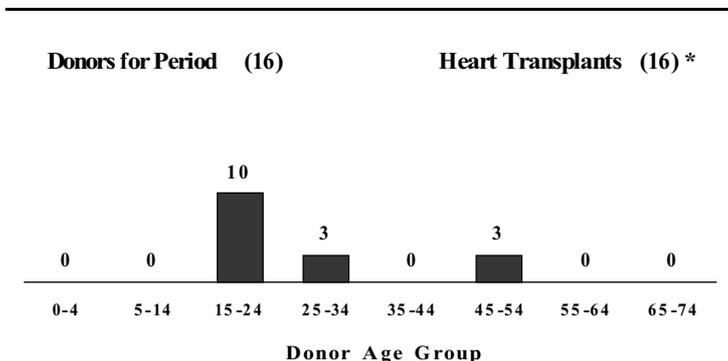
Age of Heart Donors

Australia 1997

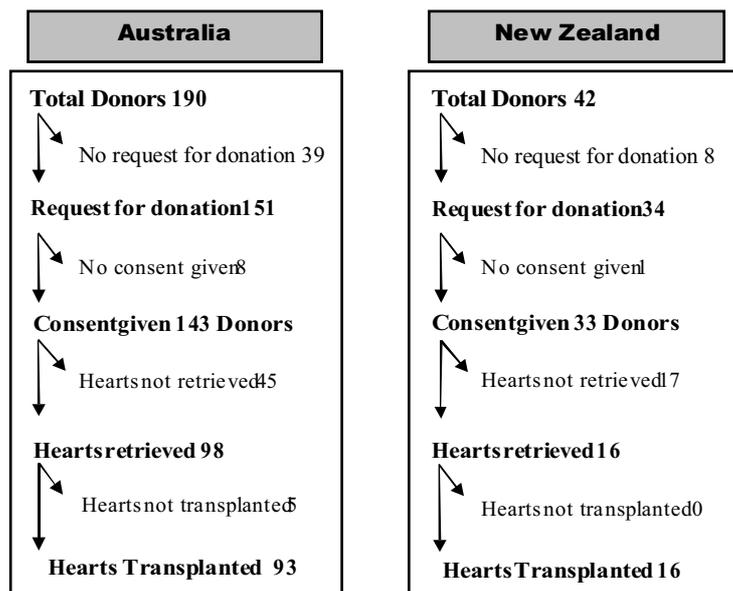


* Includes three hearts used with lung bloc

New Zealand 1997



* Includes one heart used with lung bloc

Figures 90 and 91**Outcome of Request for Heart Donation 1997**

Refer to Appendices for reasons hearts were not requested, not retrieved and not transplanted.

Figure 92**Australia and New Zealand****Regional Outcome of Requests for Heart Donation 1989 - 1997**

Potential Donors	Qld	NSW/ACT	Vic./Tas.	SA/NT	WA	Aust.	N.Z. *
Total	375	666	436	217	137	1831	182
Requested	358	562	368	169	96	1553	143
Consented	338	526	342	163	83	1452	137
Retrieved	208	361	234	104	44	951	60
Transplanted	206	359	229	103	43	940	60

* New Zealand 1993 - 1997

LUNGS

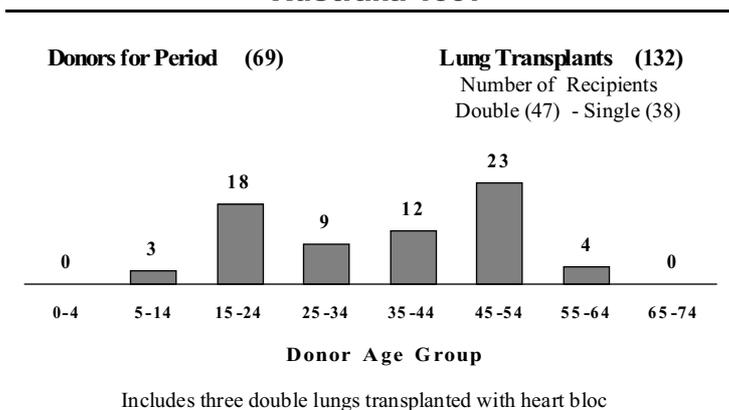
Figure 93 **Australia and New Zealand**
Age of Lung Donors 1993 - 1997

	Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	Total
Australia	1993	0	3	24	14	11	8	3	0	63
	1994	0	2	23	12	17	12	3	0	69
	1995	0	3	16	20	13	11	4	0	67
	1996	0	5	14	12	18	17	0	0	66
	1997	0	3	18	9	12	23	4	0	69
	Total	0	16	95	67	71	71	14	0	334
New Zealand	1993	0	0	0	0	0	1	0	0	1
	1994	0	0	1	2	1	0	0	0	4
	1995	0	0	4	0	3	1	0	0	8
	1996	0	0	3	0	1	5	1	0	10
	1997	0	1	2	0	1	1	0	0	5
	Total	0	1	10	2	6	8	1	0	28

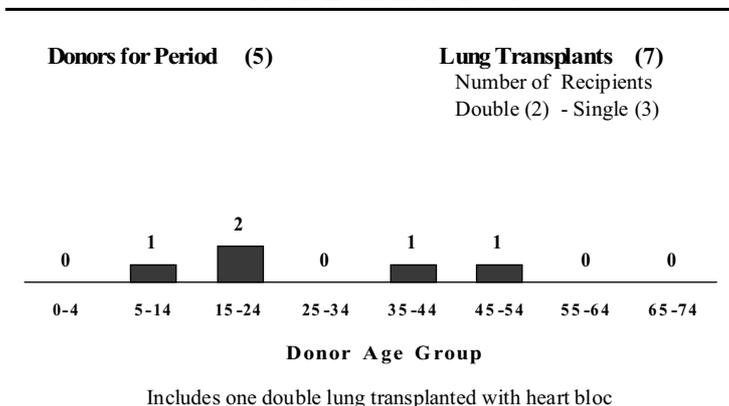
Figure 94 and 95

Age of Lung Donors

Australia 1997



New Zealand 1997



DONOR LUNG FUNCTION

The arterial blood gas results from 69 Australian lung donors in 1997 shows 16% (11) to be acidotic (pH < 7.36) and 29% (20) to be alkalotic (pH > 7.44).

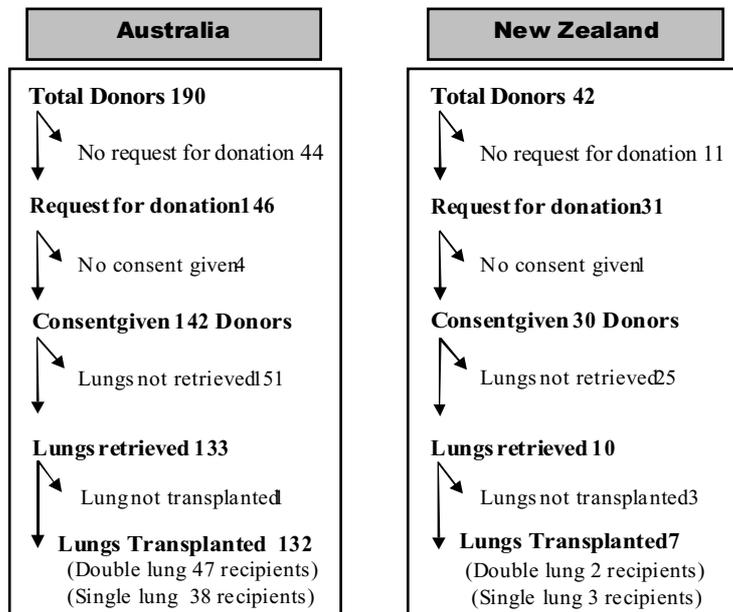
Oxygenation measured as PaO₂ ranged from 265-636 mmHg, median 456 mmHg. Presumably FiO₂ was 100% and PEEP was 5 cm.

PaCO₂ ranged from 23.7-55.0 mmHg, median 36.6 mmHg.

Plasma bicarbonate range was 12.0-29.0 mmol/L, median 23.9 mmol/L.

Figures 96 and 97

Outcome of Request for Lung Donation 1997



Refer to Appendices for reasons lungs were not requested, not retrieved and not transplanted.

Figure 98

Australia and New Zealand

Regional Outcome of Requests for Lung Donation 1989 - 1997

Potential Donors	Qld	NSW/ACT	Vic./Tas.	SA/NT	WA	Aust.	N.Z.**
Total	375	666	436	217	137	1831	182
Requested	328	524	313	133	71	1369	91
Consented	300	485	288	126	64	1263	88
Retrieved x	144	343	201	118	58	864	56
Transplanted x	128	328	190	110	58	814	46

x Number of lungs

** New Zealand 1993-1997

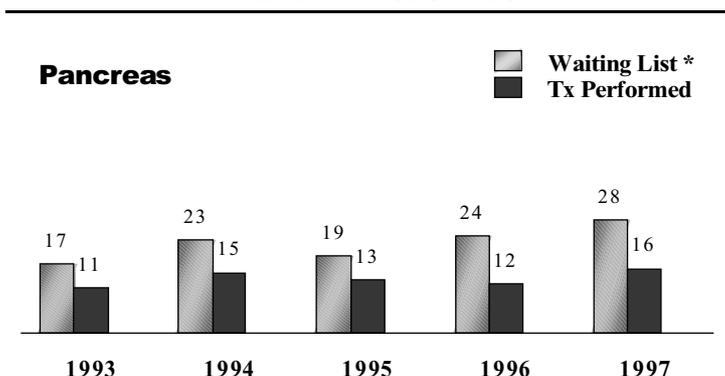
PANCREAS

In 1997 there were 16 combined kidney/pancreas transplants performed, eleven at Westmead Hospital, NSW, and five at Monash Medical Centre, Victoria.

There is no pancreas transplant program in New Zealand.

Figure 99

**Waiting List vs Cadaver Transplants
Australia 1993 - 1997**



* Data as at 30-Jun-93 ACCORD Newsletter 6, published Jul-93
 Data as at 30-Jun-94 ACCORD Newsletter 9, published Aug-94
 Data as at 30-Jun-95 ACCORD Newsletter 12, published Sep-95
 Data as at 30-Jun-96 ACCORD Newsletter 14, published Jul-96
 Data as at 30-Jun-97 ACCORD Newsletter 17, published Aug-97

Figure 100

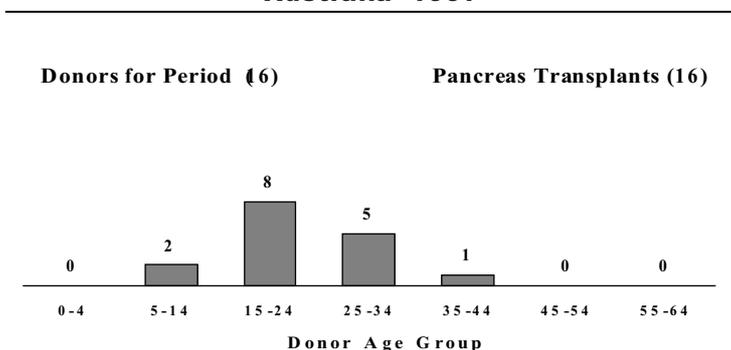
Australia

Donor Age for Transplanted Pancreas 1993 - 1997

Year	00-04	05-14	15-24	25-34	35-44	45-54	55-64	Total
1993	0	1	5	3	2	0	0	11
1994	0	1	8	2	1	3	0	15
1995	0	1	9	3	0	0	0	13
1996	0	2	3	4	3	0	0	12
1997	0	2	8	5	1	0	0	16
Total	0	7	33	17	7	3	0	67

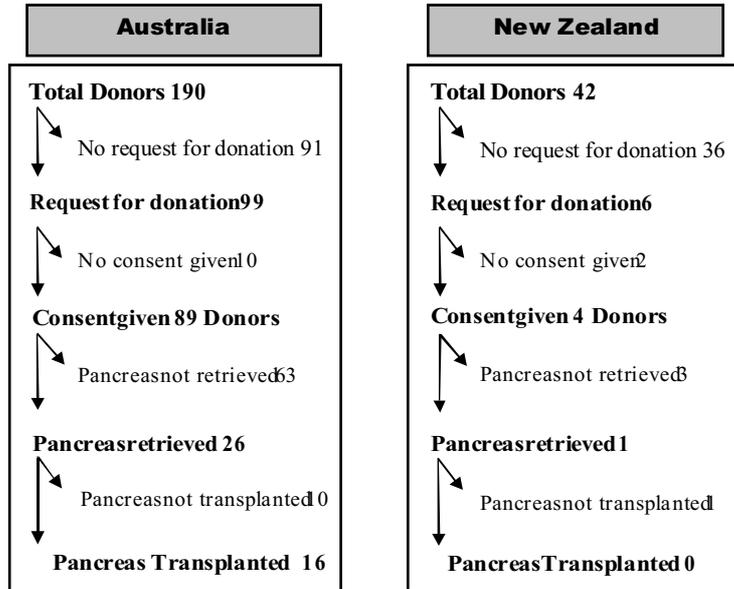
Figure 101

**Age of Pancreas Donors
Australia 1997**



Figures 102 and 103

Outcome of Request for Pancreas Donation 1997



Refer to Appendices for reasons pancreas were not requested, not retrieved and not transplanted.

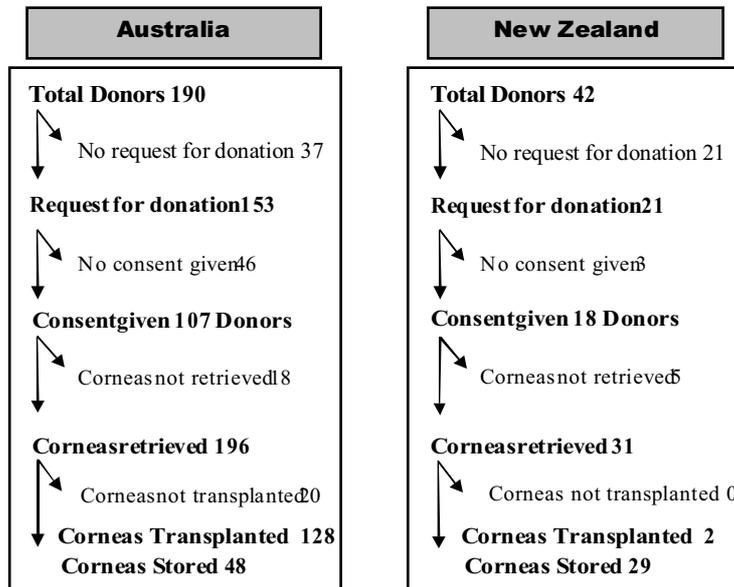
CORNEAS

This section refers only to corneas donated from solid organ donors. It does not include any cases of cornea only donation. Full data is available from The Australian Corneal Graft Registry

(Editors K.A. Williams, S.M. Muehlberg, R.F. Lewis and D.J. Coster), Flinders Medical Centre, Bedford Park 5042, South Australia.

Figures 104 and 105

Outcome of Request for Corneal Donation 1997



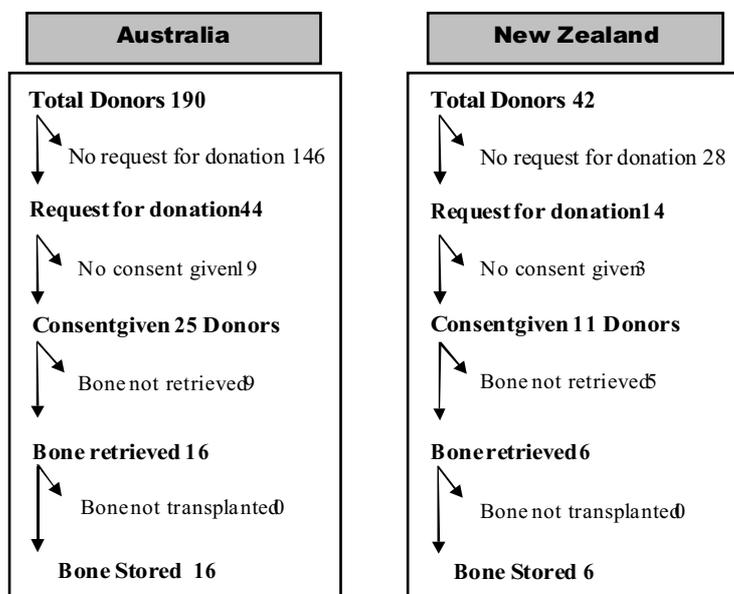
Refer to Appendices for reasons cornea were not requested, not retrieved and not transplanted.

BONE

There were 16 bone donations from the solid organ donors in Australia and six from New Zealand in 1997.

Figures 106 and 107

Outcome of Request for Bone Donation 1997



Refer to Appendices for reasons bones were not requested, not retrieved and not transplanted.

TERMINAL MANAGEMENT

Time from Admission to Brain Death

Australia

There has consistently been (in the last four years) between 37-38% of all donors certified brain dead within 24 hours of hospital admission. Nine per cent of donors were in hospital for more than five days.

New Zealand

Fifty five per cent of donors were certified brain dead within 24 hours of hospital admission. This is an increase over previous years, from 17% in 1994, and 38% in 1996. Seven per cent were in hospital for more than five days.

Figure 108

Australia and New Zealand

Time from Admission to Brain Death

	Year	Hours								Unknown	Median (hours)	No. of Donors
		0-23	24-47	48-71	72-95	96-119	120-143	144-167	> 168			
Australia	1990	33%	22%	8%	5%	2%	2%	2%	6%	20%	29	203
	1991	36%	24%	11%	7%	3%	1%	2%	3%	13%	31	209
	1992	37%	23%	10%	4%	2%	0	1%	6%	17%	26	216
	1993	32%	23%	8%	10%	2%	3%	<1%	3%	19%	28	221
	1994	37%	24%	11%	7%	3%	4%	4%	7%	3%	33	183
	1995	37%	27%	12%	3%	5%	3%	2%	7%	4%	30	184
	1996	38%	30%	8%	8%	4%	0	3%	7%	2%	32	194
1997	38%	28%	13%	4%	3%	2%	1%	6%	5%	28	190	
New Zealand	1993	32%	29%	12%	6%	0	3%	3%	6%	9%	30	34
	1994	17%	31%	6%	6%	0	3%	0	9%	28%	35	35
	1995	31%	14%	11%	9%	6%	6%	0	11%	12%	46	35
	1996	38%	14%	8%	11%	6%	8%	3%	9%	3%	37	36
	1997	55%	17%	9%	5%	2%	5%	0	2%	5%	21	42

Figure 109

Australia and New Zealand

Time from Ventilation to Brain Death

	Year	Hours								Unknown	No. of Donors
		0-23	24-47	48-71	72-95	96-119	120-143	144-167	> 168		
Australia	1993	35%	22%	7%	6%	2%	2%	0	2%	23%	221
	1994	35%	27%	12%	8%	2%	3%	3%	4%	6%	183
	1995	40%	27%	13%	3%	4%	3%	1%	6%	3%	184
	1996	41%	28%	10%	7%	3%	1%	3%	5%	2%	194
	1997	43%	29%	12%	3%	3%	1%	>1%	5%	4%	190
New Zealand	1993	35%	29%	9%	6%	0	6%	0	3%	12%	34
	1994	34%	34%	6%	6%	0	3%	0	9%	8%	35
	1995	37%	6%	17%	8%	3%	6%	0	9%	14%	35
	1996	50%	17%	8%	6%	3%	11%	0	3%	3%	36
	1997	55%	17%	9%	5%	2%	5%	0	2%	5%	42

The majority of donors had been ventilated for less than 48 hours.

Time from Brain Death to Aortic Cross Clamp

Australia

Sixty eight per cent of donors had organs retrieved within 12 hours of the certification of brain death. This is less than in previous years, (73% 1996, 71% 1995 and 72% 1994).

The median time has risen from 10.8 to 11.4 hours in 1997.

There are state discrepancies between the median time to organize organ donation. Geography obviously plays a significant role with Tasmania

and Northern Territory (16.8 hours and 17.6 hours respectively). However, South Australia has the shortest median time of 8.5 hours despite having to organize heart and lung retrieval teams from other states. Refer to Figure 111.

New Zealand

Seventy nine per cent of donor organs were retrieved within 12 hours of brain death certification. The median 7.6 hours is less than the previous two years of 8.6 and 9.1 years.

Figure 110

Australia and New Zealand

Time from Brain Death to Aortic Cross Clamp 1994 - 1997

Hours	Australia				New Zealand			
	1994	1995	1996	1997	1994	1995	1996	1997
<= 6	11%	10%	15%	12%	31%	31%	20%	32%
7 - 12	61%	61%	58%	56%	51%	51%	60%	46.5%
13-18	26%	23%	25%	26%	17%	6%	17%	12%
19-24	1%	4%	1%	4%	0	6%	0	7.5%
> 24	1%	0	1%	2%	0	0	3%	2%
Median Hours	11	10.5	10.8	11.4	9.6	9.1	8.6	7.6
Number of Donors	183	184	192	187	35	35	35	41
Non Heart Beating Donors	1	4	2	3	1	0	1	1

Figure 111

Australian States

Time from Brain Death to Aortic Cross Clamp 1997

Hours	Qld	NSW/ACT	Vic.	Tas.	SA	NT	WA
<= 6	2 (5%)	4 (6%)	10 (24%)	0	6 (25%)	0	0
7 - 12	24 (65%)	43 (64%)	16 (38%)	1 (20%)	16 (67%)	0	5 (62.5%)
13 - 18	10 (27%)	16 (24%)	13 (31%)	3 (60%)	1 (4%)	3 (75%)	3 (37.5%)
19 - 24	1 (3%)	2 (3%)	1 (2%)	1 (20%)	1 (4%)	1 (25%)	0
> 24	0	2 (3%)	2 (5%)	0	0	0	0
Median hours	11.6	11.6	11.4	16.8	8.5	17.6	11.4
No. of Donors	37 (100%)	67 (100%)	42 (100%)	5 (100%)	24 (100%)	4 (100%)	8 (100%)

Drugs for Maintenance of the Donor

Australia

In 1997 there were 21 (11%) donors who did not require inotropic support.

There has been a decrease in the use of Dopamine and Adrenaline, with subsequent increased use of Noradrenaline.

Antidiuretic agents (Desmopressin/Vasopressin) were prescribed to 117 donors, 62% of all donors.

New Zealand

In 1997 there were six (14%) donors who did not require inotropic support.

There has been an increase in the use of Noradrenaline and Adrenaline with a decrease in the use of Dopamine compared to 1996.

Antidiuretic agents were prescribed to 32 donors, 76% of all donors.

Figure 112

Australia and New Zealand

Donor Maintenance 1994 - 1997

Drugs	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Dopamine	88	89	76	57	310	23	28	25	21	97
Adrenaline	52	62	70	55	239	4	4	1	6	15
Noradrenaline	33	42	53	75	203	7	8	14	16	45
Aramine	23	12	14	12	61	2	3	2	1	8
Dobutamine	9	9	9	9	36	1	1	0	1	3
Desmopressin/Vasopressin	100	113	120	117	450	25	26	27	32	110

NB: Donors may be given more than one drug.

Terminal Treatment (provided in the Operating Theatres)**Australia**

There were only two donors who received no Heparin of which one donor received no form of terminal treatment. There has been an increase in the use of Methyl Prednisolone and a decrease in the use of Chlorpromazine when compared to 1994/95.

In 1997, 26 donors were given antibiotics from the cephalosporin group and 15 from the penicillin group.

New Zealand

There were four donors who received no form of terminal treatment.

Figure 113**Australia and New Zealand****Terminal Treatment 1994 - 1997**

	Australia					New Zealand				
	1994	1995	1996	1997	Total	1994	1995	1996	1997	Total
Donors	(183)	(184)	(194)	(190)		(35)	(35)	(36)	(42)	
Heparin	178	176	186	188	728	32	27	34	38	131
Methyl Prednisolone	149	160	175	178	662	22	22	25	22	91
Chlorpromazine	72	61	36	33	202	16	15	11	12	54
Mannitol	35	27	30	28	120	9	7	5	3	24
Prostacyclin	72	71	68	67	278	16	9	10	5	40

NB: Donors may be given more than one drug.

AUSTRALIA

APPENDIX I

DONOR NUMBERS FOR EACH STATE

1-JAN-89 to 31-DEC-97

YEAR	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
1989	37	89	65	2	19	2	17	231
1990	38	79	45	2	27	1	11	203
1991	46	76	45	2	15	2	23	209
1992	66	70	42	4	20	0	14	216
1993	44	74	52	6	23	3	19	221
1994	38	73	26	6	23	1	16	183
1995	34	67	38	4	23	1	17	184
1996	35	69	49	1	25	3	12	194
1997	37	69	42	5	25	4	8	190
	375	666	404	32	200	17	137	1831

DONOR NUMBERS AND AGE GROUPS FOR EACH STATE

1-JAN-94 to 31-DEC-97

YEAR	AGE GROUP	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
1994	00-04	2	1	0	0	2	0	0	5
	05-14	4	3	1	0	2	0	0	10
	15-24	12	20	6	2	2	0	5	47
	25-34	4	6	5	1	5	1	2	24
	35-44	6	12	4	1	4	0	5	32
	45-54	6	15	6	2	4	0	2	35
	55-64	2	10	2	0	3	0	1	18
	65-74	2	5	2	0	1	0	1	11
	75-84	0	1	0	0	0	0	0	1
		38	73	26	6	23	1	16	183
1995	00-04	4	0	0	0	0	0	0	4
	05-14	1	2	3	0	1	0	2	9
	15-24	9	17	5	3	4	0	1	39
	25-34	3	12	9	1	5	0	2	32
	35-44	7	11	7	0	2	1	6	34
	45-54	4	13	6	0	7	0	0	30
	55-64	3	12	4	0	2	0	5	26
	65-74	3	0	4	0	2	0	1	10
		34	67	38	4	23	1	17	184
1996	00-04	2	2	2	0	0	0	0	6
	05-14	3	2	1	0	3	0	1	10
	15-24	11	12	6	0	4	0	3	36
	25-34	3	12	6	0	4	2	2	29
	35-44	8	18	4	0	3	1	2	36
	45-54	6	7	18	1	5	0	2	39
	55-64	2	9	11	0	5	0	2	29
	65-74	0	7	1	0	1	0	0	9
		35	69	49	1	25	3	12	194
1997	00-04	0	2	0	0	0	0	1	3
	05-14	4	4	0	0	0	0	0	8
	15-24	4	14	10	0	3	1	3	35
	25-34	5	6	3	2	3	1	1	21
	35-44	14	8	6	2	4	1	1	36
	45-54	7	19	11	1	8	1	2	49
	55-64	3	11	6	0	2	0	0	22
	65-74	0	3	5	0	5	0	0	13
	75-84	0	2	1	0	0	0	0	3
		37	69	42	5	25	4	8	190

NUMBER OF DONORS FROM EACH HOSPITAL

QUEENSLAND 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
BUNDABERG HOSPITAL - QUEENSLAND	1	0	2	1	0	0	1	0	2	7
CAIRNS HOSPITAL - QUEENSLAND	2	2	1	3	2	0	0	0	0	10
JOHN FLYNN HOSPITAL - QUEENSLAND	0	0	0	0	0	0	0	0	1	1
GLADSTONE HOSPITAL - QUEENSLAND	0	0	0	1	0	0	0	1	0	2
GOLDCOAST HOSPITAL - QUEENSLAND	4	1	5	7	2	1	1	3	8	32
IPSWICH HOSPITAL - QUEENSLAND	0	0	0	0	2	0	0	0	0	2
LOGAN SATELLITE CENTRE - QUEENSLAND	0	0	0	0	0	0	1	0	0	1
MATER CHILDREN`S HOSPITAL - QUEENSLAND	2	3	1	7	2	4	3	2	0	24
MACKAY HOSPITAL - QUEENSLAND	1	1	1	0	0	3	4	4	1	15
MARYBOROUGH HOSPITAL - QUEENSLAND	0	0	0	2	0	1	0	0	0	3
MATER PRIVATE HOSPITAL - QUEENSLAND	0	0	0	0	0	0	1	0	1	2
MT ISA HOSPITAL - QUEENSLAND	0	0	0	1	1	0	0	1	0	3
NAMBOUR HOSPITAL - QUEENSLAND	1	0	0	0	0	0	1	1	0	3
PRINCE CHARLES HOSPITAL - QUEENSLAND	1	1	0	0	0	0	0	0	1	3
PRINCESS ALEXANDRA HOSPITAL - QUEENSLAND	9	11	14	15	14	5	7	7	4	86
MATER HOSPITAL - QUEENSLAND	0	0	0	1	1	1	1	1	0	5
QUEEN ELIZABETH HOSPITAL - QUEENSLAND	0	0	1	0	1	0	0	0	0	2
ROYAL CHILDREN`S HOSPITAL - QUEENSLAND	1	2	1	3	0	1	1	1	1	11
ROYAL BRISBANE HOSPITAL - QUEENSLAND	7	10	10	14	5	11	5	8	9	79
REDCLIFFE HOSPITAL - QUEENSLAND	0	1	3	1	1	1	0	0	0	7
ROCKHAMPTON HOSPITAL - QUEENSLAND	1	0	2	2	1	2	1	2	2	13
ST ANDREW`S PRIVATE HOSPITAL - QUEENSLAND	0	1	0	0	0	0	0	0	0	1
TOWNSVILLE HOSPITAL - QUEENSLAND	7	5	5	7	12	8	7	3	5	59
TOOWOOMBA HOSPITAL - QUEENSLAND	0	0	0	1	0	0	0	1	2	4
	37	38	46	66	44	38	34	35	37	375

NEW SOUTH WALES 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
ALBURY HOSPITAL - NEW SOUTH WALES	1	1	2	1	0	2	0	0	0	7
ARMIDALE HOSPITAL - NEW SOUTH WALES	0	0	1	0	0	0	0	0	0	1
BANKSTOWN HOSPITAL - NEW SOUTH WALES	0	1	0	0	1	1	0	0	0	3
BLACKTOWN HOSPITAL - NEW SOUTH WALES	0	0	2	0	0	0	0	0	0	2
CAMPBELLTOWN HOSPITAL - NEW SOUTH WALES	0	0	0	0	0	0	0	1	0	1
THE CANBERRA HOSPITAL - A.C.T.	3	5	4	0	6	2	7	6	4	37
COFF`S HARBOUR HOSPITAL - NEW SOUTH WALES	0	0	0	1	3	4	0	3	0	11
CONCORD HOSPITAL - NEW SOUTH WALES	1	2	1	1	0	0	0	0	0	5
DUBBO BASE HOSPITAL - NEW SOUTH WALES	0	0	0	0	0	0	0	0	1	1
GOSFORD HOSPITAL - NEW SOUTH WALES	2	1	0	1	1	1	1	1	1	9
GOULBOURN HOSPITAL - NEW SOUTH WALES	0	0	1	1	0	1	0	0	0	3
GRIFFITH BASE HOSPITAL - NEW SOUTH WALES	1	0	0	0	0	0	0	1	0	2
HASTINGS DISTRICT HOSPITAL - NEW SOUTH WALES	0	0	0	0	1	0	0	0	0	1
HORNSBY HOSPITAL - NEW SOUTH WALES	1	1	0	1	0	0	0	0	0	3
JOHN HUNTER HOSPITAL - NEW SOUTH WALES	8	5	9	11	14	5	10	7	9	78
KAREENA PRIVATE HOSPITAL - NEW SOUTH WALES	0	0	0	0	0	0	1	1	0	2
LISMORE HOSPITAL - NEW SOUTH WALES	1	0	0	0	0	0	1	2	1	5
LIVERPOOL HOSPITAL - NEW SOUTH WALES	1	3	1	4	3	4	3	5	6	30
MANLY HOSPITAL - NEW SOUTH WALES	0	0	1	1	1	0	0	0	0	3
MT DRUITT HOSPITAL - NEW SOUTH WALES	0	0	1	0	0	0	0	0	0	1
NEPEAN HOSPITAL - NEW SOUTH WALES	1	2	2	2	1	3	4	8	4	27
NEWCASTLE MATER HOSPITAL - NEW SOUTH WALES	0	1	0	0	0	0	1	0	0	2
ORANGE HOSPITAL - NEW SOUTH WALES	0	1	0	0	2	0	0	0	0	3
PRINCE HENRY HOSPITAL - NEW SOUTH WALES	8	3	1	1	1	2	0	0	0	16
PRINCE OF WALES HOSPITAL - NEW SOUTH WALES	4	3	3	2	1	3	0	1	4	21
PORT MACQUARIE HOSPITAL - NEW SOUTH WALES	0	0	1	0	0	0	1	1	1	4
ROYAL ALEXANDRA HOSPITAL FOR CHILDREN - NSW	0	2	1	1	6	1	1	1	2	15
ROYAL NORTH SHORE HOSPITAL - NEW SOUTH WALES	8	12	9	9	6	8	12	8	11	83
ROYAL PRINCE ALFRED HOSPITAL - NEW SOUTH WALES	6	7	8	5	3	4	3	6	6	48
RYDE HOSPITAL - NEW SOUTH WALES	0	0	0	0	0	0	1	0	0	1
SYDNEY CHILDREN`S HOSPITAL - NEW SOUTH WALES	1	0	0	0	2	1	0	1	2	7
SHOALHAVEN HOSPITAL - NEW SOUTH WALES	0	0	0	1	0	1	0	0	0	2
ST GEORGE HOSPITAL - NEW SOUTH WALES	0	2	4	3	2	2	2	4	4	23
ST VINCENT`S HOSPITAL - NEW SOUTH WALES	4	2	4	4	5	2	4	3	0	28
SUTHERLAND HOSPITAL - NEW SOUTH WALES	1	0	2	1	0	2	0	0	0	6
TAMWORTH HOSPITAL - NEW SOUTH WALES	2	0	0	2	1	0	0	1	2	8
TAREE HOSPITAL - NEW SOUTH WALES	0	0	1	0	0	0	0	0	0	1
WAGGA HOSPITAL - NEW SOUTH WALES	0	1	3	0	2	1	1	0	0	8
WESTMEAD HOSPITAL - NEW SOUTH WALES	27	21	10	14	10	15	7	3	7	114
WOLLONGONG HOSPITAL - NEW SOUTH WALES	8	3	4	3	2	8	7	5	4	44
	89	79	76	70	74	73	67	69	69	666

NUMBER OF DONORS FROM EACH HOSPITAL

VICTORIA 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
ALFRED HOSPITAL - VICTORIA	7	8	10	13	16	6	12	16	14	102
AUSTIN HOSPITAL - VICTORIA	1	2	2	1	3	5	3	2	5	24
BALLARAT HOSPITAL - VICTORIA	1	0	2	1	0	0	1	1	1	7
BENDIGO HOSPITAL - VICTORIA	1	0	0	1	1	0	0	2	0	5
BOX HILL HOSPITAL - VICTORIA	2	5	1	0	3	0	0	2	1	14
CABRINI HOSPITAL - VICTORIA	0	0	0	1	0	0	0	0	0	1
CENTRAL GIPPSLAND HOSPITAL - VICTORIA	0	0	0	1	0	0	0	0	0	1
DANDENONG HOSPITAL - VICTORIA	0	5	2	0	1	2	2	0	2	14
DIAMOND VALLEY HOSPITAL- VICTORIA	0	0	0	0	0	0	0	1	1	2
EPWORTH HOSPITAL - VICTORIA	0	0	0	0	1	0	0	0	1	2
FRANKSTON HOSPITAL - VICTORIA	1	1	0	0	2	1	0	0	2	7
GEE LONG HOSPITAL - VICTORIA	2	2	5	6	1	1	2	3	0	22
HAMILTON HOSPITAL - VICTORIA	0	0	0	1	0	0	0	0	0	1
HEIDELBERG HOSPITAL - VICTORIA	2	0	0	0	1	1	1	0	0	5
KNOX PRIVATE HOSPITAL - VICTORIA	0	0	0	0	0	0	0	1	2	3
MAROONDAH HOSPITAL - VICTORIA	0	0	0	0	4	0	1	0	0	5
MILDURA HOSPITAL - VICTORIA	1	0	0	0	1	0	0	0	0	2
MONASH MEDICAL (ADULTS) - VICTORIA	10	1	0	3	2	0	2	9	2	29
MONASH MEDICAL (PAEDIATRIC) - VICTORIA	3	0	1	0	0	0	0	0	0	4
MELBOURNE PRIVATE HOSPITAL - VICTORIA	0	0	0	0	0	0	1	1	0	2
PRESTON AND NORTHCOTE HOSPITAL - VICTORIA	2	1	0	1	1	0	3	1	1	10
ROYAL CHILDREN`S HOSPITAL - VICTORIA	12	2	3	1	4	1	3	1	0	27
ROYAL MELBOURNE HOSPITAL - VICTORIA	10	15	8	7	6	4	3	3	3	59
SALE HOSPITAL - VICTORIA	0	0	0	0	1	0	1	1	0	3
SHEPPARTON HOSPITAL - VICTORIA	1	0	1	0	0	0	0	0	2	4
ST VINCENT`S HOSPITAL - VICTORIA	6	3	8	0	1	4	2	3	2	29
TRARALGON HOSPITAL - VICTORIA	1	0	0	0	0	0	0	0	0	1
WANGARATTA HOSPITAL - VICTORIA	1	0	2	3	2	0	1	0	1	10
WARNAMBOOL HOSPITAL - VICTORIA	0	0	0	1	1	0	0	0	0	2
WODONGA HOSPITAL - VICTORIA	1	0	0	0	0	0	0	0	0	1
WESTERN HOSPITAL - VICTORIA	0	0	0	1	0	1	0	2	2	6
	65	45	45	42	52	26	38	49	42	404

TASMANIA 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
BURNIE HOSPITAL - TASMANIA	0	0	0	2	0	1	0	0	0	3
CALVARY HOSPITAL - TASMANIA	0	0	0	0	0	0	0	1	0	1
LAUNCESTON HOSPITAL - TASMANIA	0	1	0	0	3	1	0	0	0	5
MERSEY HOSPITAL - TASMANIA	0	0	0	0	0	0	0	0	1	1
ROYAL HOBART HOSPITAL - TASMANIA	2	1	2	2	3	4	4	0	4	22
	2	2	2	4	6	6	4	1	5	32

SOUTH AUSTRALIA 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
WOMEN`S AND CHILDREN`S - SOUTH AUSTRALIA	3	2	2	1	0	2	1	3	1	15
ASHFORD HOSPITAL - SOUTH AUSTRALIA	0	0	0	0	1	0	0	0	2	3
FLINDERS MEDICAL CENTRE - SOUTH AUSTRALIA	5	6	3	6	6	7	9	6	10	58
LYELL MC EWIN HOSPITAL - SOUTH AUSTRALIA	0	0	0	0	3	0	1	0	0	4
MODBURY HOSPITAL - SOUTH AUSTRALIA	0	2	0	0	1	0	0	0	0	3
THE QUEEN ELIZABETH HOSPITAL - SOUTH AUSTRALIA	2	3	0	4	3	4	2	2	3	23
ROYAL ADELAIDE HOSPITAL - SOUTH AUSTRALIA	9	14	10	9	9	10	10	14	9	94
	19	27	15	20	23	23	23	25	25	200

**NUMBER OF DONORS FROM EACH HOSPITAL
NORTHERN TERRITORY 1989-1997**

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
ALICE SPRINGS HOSPITAL - NORTHERN TERRITORY	0	0	0	0	0	1	1	1	0	3
ROYAL DARWIN HOSPITAL - NORTHERN TERRITORY	2	1	2	0	3	0	0	2	4	14
	2	1	2	0	3	1	1	3	4	17

WESTERN AUSTRALIA 1989-1997

DONOR HOSPITAL	1989	1990	1991	1992	1993	1994	1995	1996	1997	TOTAL
FREMANTLE HOSPITAL - WESTERN AUSTRALIA	0	0	0	1	1	0	2	0	0	4
PERTH MEDICAL CENTRE - WESTERN AUSTRALIA	7	6	9	7	9	7	6	3	3	57
PRINCESS MARGARET HOSPITAL - WESTERN AUSTRALIA	5	1	5	1	0	0	2	1	1	16
ROYAL PERTH HOSPITAL - WESTERN AUSTRALIA	5	4	9	5	9	9	7	8	4	60
	17	11	23	14	19	16	17	12	8	137

**NUMBER OF DONORS FROM EACH HOSPITAL
NEW ZEALAND 1993-1997**

DONOR HOSPITAL	1993	1994	1995	1996	1997	TOTAL
AUCKLAND HOSPITAL - NEW ZEALAND	7	5	9	8	13	42
CHRISTCHURCH HOSPITAL - NEW ZEALAND	5	6	1	4	6	22
DUNEDIN HOSPITAL - NEW ZEALAND	4	2	5	4	1	16
HASTINGS HOSPITAL - NEW ZEALAND	1	0	0	1	0	2
LOWER HUTT HOSPITAL - NEW ZEALAND	0	0	1	0	0	1
INVERCARGILL HOSPITAL - NEW ZEALAND	0	2	0	1	1	4
MIDDLEMORE HOSPITAL - NEW ZEALAND	3	0	2	2	5	12
NELSON HOSPITAL - NEW ZEALAND	1	2	2	0	2	7
PALMERSTON HOSPITAL - NEW ZEALAND	2	2	5	5	1	15
ROTORUA HOSPITAL - NEW ZEALAND	1	1	0	1	1	4
STARSHIP CHILDREN'S HOSPITAL - NEW ZEALAND	0	0	0	0	1	1
TARANAKI HOSPITAL - NEW ZEALAND	1	0	0	0	0	1
TAURANGA HOSPITAL - NEW ZEALAND	3	0	1	1	1	6
TIMARU HOSPITAL - NEW ZEALAND	0	0	0	0	3	3
WELLINGTON HOSPITAL - NEW ZEALAND	3	7	4	4	4	22
WANGANUI HOSPITAL - NEW ZEALAND	1	0	0	0	0	1
WHANGAREI HOSPITAL - NEW ZEALAND	0	1	1	0	2	4
WAIKATO HOSPITAL - HAMILTON - NEW ZEALAND	2	7	4	5	1	19
	34	35	35	36	42	182

DONOR GENDER NUMBERS AND AGE GROUPS FOR EACH STATE

1-JAN-94 to 31-DEC-97

YEAR	GENDER	AGE GROUP	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
1994	FEMALE	00-04	0	1	0	0	1	0	0	2
		05-14	3	0	1	0	1	0	0	5
		15-24	4	7	1	1	0	0	2	15
		25-34	1	3	4	1	3	0	1	13
		35-44	3	6	2	0	0	0	4	15
		45-54	3	10	2	1	4	0	2	22
		55-64	1	2	1	0	3	0	1	8
		65-74	1	4	1	0	0	0	1	7
		75-84	0	1	0	0	0	0	0	1
			16	34	12	3	12	0	11	88
	MALE	00-04	2	0	0	0	1	0	0	3
		05-14	1	3	0	0	1	0	0	5
		15-24	8	13	5	1	2	0	3	32
		25-34	3	3	1	0	2	1	1	11
		35-44	3	6	2	1	4	0	1	17
		45-54	3	5	4	1	0	0	0	13
		55-64	1	8	1	0	0	0	0	10
		65-74	1	1	1	0	1	0	0	4
			22	39	14	3	11	1	5	95
			38	73	26	6	23	1	16	183
1995	FEMALE	00-04	1	0	0	0	0	0	0	1
		05-14	0	2	1	0	1	0	1	5
		15-24	1	4	2	0	1	0	0	8
		25-34	1	3	5	0	1	0	0	10
		35-44	3	3	6	0	1	0	0	13
		45-54	3	7	1	0	2	0	0	13
		55-64	2	3	2	0	0	0	2	9
		65-74	1	0	2	0	1	0	1	5
			12	22	19	0	7	0	4	64
	MALE	00-04	3	0	0	0	0	0	0	3
		05-14	1	0	2	0	0	0	1	4
		15-24	8	13	3	3	3	0	1	31
		25-34	2	9	4	1	4	0	2	22
		35-44	4	8	1	0	1	1	6	21
		45-54	1	6	5	0	5	0	0	17
		55-64	1	9	2	0	2	0	3	17
		65-74	2	0	2	0	1	0	0	5
			22	45	19	4	16	1	13	120
			34	67	38	4	23	1	17	184

DONOR GENDER NUMBERS AND AGE GROUPS FOR EACH STATE

1-JAN-94 to 31-DEC-97

YEAR	GENDER	AGE GROUP	QLD	NSW	VIC	TAS	SA	NT	WA	AUST	
1996	FEMALE	00-04	0	2	2	0	0	0	0	4	
		05-14	0	1	1	0	3	0	0	5	
		15-24	4	1	1	0	1	0	2	9	
		25-34	0	6	3	0	0	0	2	11	
		35-44	4	5	3	0	0	0	1	13	
		45-54	2	5	9	1	1	0	1	19	
		55-64	2	4	8	0	2	0	1	17	
		65-74	0	3	0	0	0	0	0	3	
			-----	-----	-----	-----	-----	-----	-----	-----	
			12	27	27	1	7	0	7	81	
			-----	-----	-----	-----	-----	-----	-----	-----	
		MALE	00-04	2	0	0	0	0	0	0	2
			05-14	3	1	0	0	0	0	1	5
			15-24	7	11	5	0	3	0	1	27
			25-34	3	6	3	0	4	2	0	18
			35-44	4	13	1	0	3	1	1	23
			45-54	4	2	9	0	4	0	1	20
			55-64	0	5	3	0	3	0	1	12
			65-74	0	4	1	0	1	0	0	6
		-----	-----	-----	-----	-----	-----	-----	-----	-----	
		23	42	22	0	18	3	5	113		
		-----	-----	-----	-----	-----	-----	-----	-----	-----	
		35	69	49	1	25	3	12	194		
1997	FEMALE	00-04	0	0	0	0	0	0	1	1	
		05-14	0	2	0	0	0	0	0	2	
		15-24	2	5	1	0	0	0	1	9	
		25-34	2	2	1	1	1	0	0	7	
		35-44	9	4	5	0	3	0	1	22	
		45-54	1	5	7	0	1	0	0	14	
		55-64	1	4	1	0	1	0	0	7	
		65-74	0	0	4	0	3	0	0	7	
	75-84	0	1	0	0	0	0	0	1		
			-----	-----	-----	-----	-----	-----	-----	-----	
			15	23	19	1	9	0	3	70	
			-----	-----	-----	-----	-----	-----	-----	-----	
		MALE	00-04	0	2	0	0	0	0	0	2
			05-14	4	2	0	0	0	0	0	6
			15-24	2	9	9	0	3	1	2	26
			25-34	3	4	2	1	2	1	1	14
			35-44	5	4	1	2	1	1	0	14
			45-54	6	14	4	1	7	1	2	35
			55-64	2	7	5	0	1	0	0	15
		65-74	0	3	1	0	2	0	0	6	
		75-84	0	1	1	0	0	0	0	2	
		-----	-----	-----	-----	-----	-----	-----	-----	-----	
		22	46	23	4	16	4	5	120		
		-----	-----	-----	-----	-----	-----	-----	-----	-----	
		37	69	42	5	25	4	8	190		

CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA

1-JAN-89 to 31-DEC-97

CAUSE OF DEATH	OTHER CAUSES OF DEATH	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
ASTHMA		7	15	13	1	5	0	1	42
CEREBRAL INFARCT	AIR EMBOLUS-SCUBA DIVING	0	1	0	0	0	0	0	1
		5	17	6	0	2	0	7	37
CEREBRAL OEDEMA	ALCOHOLIC CIRRHOSIS	0	0	0	0	1	0	0	1
	BLOCKED VP SHUNT	0	1	0	0	0	0	0	1
	POST OPERATIVE	0	1	0	0	0	0	0	1
	UNKNOWN CAUSE	1	2	0	0	1	0	0	4
	VP SHUNT	0	0	1	0	0	0	0	1
	VP SHUNT LIGATION	0	0	1	0	0	0	0	1
CEREBRAL TUMOUR	ASTROCYTOMA (MALIGNANT)	4	4	2	0	0	0	0	10
	COLLOID CYST (BENIGN)	1	2	2	0	0	0	2	7
	CRANIOPHARYNGIOMA (BENIGN)	0	0	2	0	0	0	0	2
	DERMOID (BENIGN)	0	1	0	0	0	0	0	1
	GLIOBLASTOMA (MALIGNANT)	2	2	2	0	1	0	0	7
	GLIOMA (MALIGNANT)	1	1	3	0	0	0	0	5
	HAEMANGIOBLASTOMA (BENIGN)	0	1	0	0	0	0	0	1
	MEDULLOBLASTOMA (MALIGNANT)	1	2	2	0	0	0	0	5
	MELANOMA (MALIGNANT)	0	0	0	0	0	0	1	1
	MENINGIOMA (BENIGN)	0	0	0	0	0	0	1	1
	MENINGIOMA (MALIGNANT)	1	0	0	0	1	0	0	2
	NEUROCYTOMA (BENIGN)	0	1	0	0	0	0	0	1
	PINEAL TUMOUR (BENIGN)	0	0	0	0	1	0	0	1
	PITUITARY (BENIGN)	0	0	0	0	1	0	0	1
	POSTERIOR FOSSA (MALIGNANT)	0	0	0	0	1	0	0	1
	TEMPORAL (MALIGNANT)	0	0	1	0	0	0	0	1
	THALAMUS (MALIGNANT)	0	0	0	0	2	0	0	2
	UNKNOWN (BENIGN)	1	0	0	0	0	0	0	1
CYCLIST		20	12	12	0	3	1	8	56
DROWNING		4	3	1	0	1	0	3	12
FALL		34	51	20	2	13	3	4	127
FELONY OR CRIME	ASSAULT	7	3	6	0	0	0	0	16
	HEAD INJURY-FIGHT	0	0	0	0	1	0	0	1
GUNSHOT		9	22	8	5	13	0	2	59
HANGING		7	3	1	1	0	0	1	13
HYPOXIA	ANAPHYLAXIS	0	1	0	0	1	0	1	3
	ASPHYXIATION	0	1	0	0	0	0	0	1
	BRAIN INJURY	0	3	0	0	0	0	0	3
	CARBON MONOXIDE	2	2	5	0	1	0	0	10
	CARDIAC ARREST	4	5	6	0	4	0	0	19
	CARDIOMYOPATHY-BRONCHOSPASM	0	1	0	0	0	0	0	1
	CONGENITAL CARDIAC DEFECT	1	0	0	0	0	0	0	1
	FEBRILE CONVULSION	0	0	0	0	1	0	0	1
	INHALATION PETROL FUMES	0	1	0	0	0	0	0	1
	INHALED APPLE	0	0	0	0	s1	0	0	1
	ISCHAEMIC ENCEPHALOPATHY	1	0	0	0	0	0	0	1
	NOT SPECIFIED	0	1	0	0	0	1	0	2
	POST OPERATIVE	0	2	0	0	0	0	0	2
	RESPIRATORY ARREST	0	0	1	0	0	0	0	1
	SEIZURE	0	3	2	0	0	0	0	5
	SMOKE INHALATION	0	0	1	0	1	0	0	2
	VENTRICULAR FIBRILLATION	0	0	1	0	0	0	0	1
INTRACRANIAL HAEMORRHAGE	MELANOMA DONOR KIDNEY	0	1	0	0	0	0	0	1
		140	319	189	13	86	3	57	807
MOTOR BIKE ACCIDENT		18	30	14	0	9	2	5	78
MOTOR VEHICLE ACCIDENT		45	91	61	7	30	2	30	266

CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA

1-JAN-89 to 31-DEC-97

CAUSE OF DEATH	OTHER CAUSES OF DEATH	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
OTHER	CEREBRAL ABSCESS	0	1	0	0	0	1	0	2
	CYANIDE POISONING	0	0	0	0	1	0	0	1
	DIABETIC KETOACIDOSIS	0	1	0	0	0	0	0	1
	ELECTROCUTION	0	1	1	0	0	0	0	2
	HYDROCEPHALUS	0	1	1	0	0	0	1	3
	HYPOGLYCAEMIC COMA	0	1	0	0	0	0	0	1
	MENINGITIS (HAEMOPHYLIS)	1	0	0	0	0	0	0	1
	MENINGITIS (MENINGOCOCCAL)	0	1	3	0	0	0	0	4
	MENINGITIS (PNEUMOCOCCAL)	3	2	0	1	1	0	0	7
	OVERDOSE	1	6	1	0	0	1	2	11
	POST PARTUM HAEMORRHAGE	0	0	1	0	0	0	0	1
	PULMONARY EMBOLUS	0	1	0	0	2	0	0	3
	RESPIRATORY FAILURE	0	0	0	0	1	0	0	1
	STAPHYLOCCAL VENTRICULITIS	0	0	0	0	1	0	0	1
	UNKNOWN-NON HEART BEATING	0	0	1	0	0	0	0	1
OTHER ACCIDENT	BASIN FELL ON HEAD	1	0	0	0	0	0	0	1
	BOXING	1	0	0	0	0	0	0	1
	FALLING TREE	0	1	0	0	0	0	0	1
	FOOTBALL	2	0	0	0	0	0	0	2
	FOOTBALL SCRUM #C4-5	1	0	0	0	0	0	0	1
	HANG GLIDING	1	0	0	0	0	0	0	1
	HIT BY BOOM	0	1	0	0	0	0	0	1
	HIT ON HEAD	1	0	0	0	0	0	0	1
	HIT ON HEAD-HORSE TRAILER	0	0	1	0	0	0	0	1
	HIT ON HEAD-SCAFFOLDING	0	0	1	0	0	0	0	1
	HIT TREE ON ROPE SWING	1	0	0	0	0	0	0	1
	INDUSTRIAL	4	2	3	0	1	0	0	10
	KICKED BY HORSE	2	0	1	0	0	0	0	3
	NO FURTHER INFORMATION	0	1	0	0	0	0	0	1
	PIPE HIT HEAD	0	0	0	0	0	1	0	1
	POLE FELL ON HEAD	0	0	0	0	1	0	0	1
	SHED COLLAPSED	0	0	0	0	0	0	1	1
	TIMBER FELL ON HEAD	1	0	0	0	0	0	0	1
	TREE FELL ON HEAD	1	0	0	0	0	0	0	1
OTHER ROAD ACCIDENT	CAR COLLISION WITH HORSE	0	0	1	0	0	0	0	1
	CAR REVERSED OVER CHILD	0	0	1	0	0	0	0	1
	DRAGGED BY TRAIN	0	1	0	0	0	0	0	1
	FALL FROM GOLF CART	1	0	0	0	0	0	0	1
	FALL FROM UTILITY	1	0	0	0	0	0	0	1
	FELL FROM CAR	3	0	0	0	0	0	1	4
	FELL OFF TRUCK	0	0	1	0	0	1	0	2
	GO CART	0	0	0	0	1	0	0	1
	HEAD FROM CAR-HIT METER	0	0	1	0	0	0	0	1
	HEAD HIT TREE-BACK UTILITY	1	0	0	0	0	0	0	1
	HIT BY TOWBALL	0	0	0	0	0	0	1	1
	HIT BY TRAIN	0	1	0	0	0	0	0	1
	REVERSED OVER BY CAR	1	0	0	0	0	0	0	1
	SUICIDE-HIT BY TRAIN	0	2	0	0	1	0	0	3
PEDESTRIAN	CAUGHT BY ROLLING CAR	1	0	0	0	0	0	0	1
	HIT BY TRAIN	1	0	0	0	0	0	0	1
		28	36	21	2	9	1	8	105
SIDS		1	0	2	0	0	0	0	3
TOTAL		375	666	404	32	200	17	137	1831

CAUSE OF DONOR DEATH RELATED TO GENDER AND AGE GROUP

AUSTRALIA 1-JAN-89 to 31-DEC-97

GENDER	CAUSE OF DEATH	OTHER CAUSES OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL
FEMALE	ASTHMA		0	5	10	4	4	5	2	0	0	30
	CEREBRAL INFARCT		0	0	1	1	4	5	2	1	0	14
	CEREBRAL OEDEMA	ALCOHOLIC CIRRHOSIS	0	0	0	0	1	0	0	0	0	1
		POST OPERATIVE	0	0	0	0	1	0	0	0	0	1
		UNKNOWN CAUSE	0	0	1	0	0	0	1	0	0	2
		VP SHUNT LIGATION	0	0	0	1	0	0	0	0	0	1
	CEREBRAL TUMOUR	ASTROCYTOMA (MALIGNANT)	0	0	1	2	2	0	0	0	0	5
		COLLOID CYST (BENIGN)	0	0	1	1	4	0	0	0	0	6
		CRANIOPHARYNGIOMA (BENIGN)	0	0	0	1	0	0	0	0	0	1
		DERMOID (BENIGN)	0	0	0	1	0	0	0	0	0	1
		GLIOBLASTOMA (MALIGNANT)	0	1	1	0	2	0	0	0	0	4
		GLIOMA (MALIGNANT)	0	0	1	0	0	0	0	0	0	1
		HAEMANGIOBLASTOMA (BENIGN)	0	0	0	1	0	0	0	0	0	1
		MEDULLOBLASTOMA (MALIGNANT)	1	1	2	0	0	0	0	0	0	4
		MENINGIOMA (BENIGN)	0	0	0	0	0	0	1	0	0	1
		NEUROCYTOMA (BENIGN)	0	0	1	0	0	0	0	0	0	1
		PITUITARY (BENIGN)	0	0	0	0	1	0	0	0	0	1
		POSTERIOR FOSSA (MALIGNANT)	0	0	0	0	1	0	0	0	0	1
		TEMPORAL (MALIGNANT)	0	0	0	0	1	0	0	0	0	1
		THALAMUS (MALIGNANT)	1	0	1	0	0	0	0	0	0	2
		UNKNOWN (BENIGN)	0	1	0	0	0	0	0	0	0	1
	CYCLIST		0	2	3	1	2	1	0	0	0	9
	DROWNING		2	0	0	0	0	0	0	0	0	2
	FALL		0	5	8	5	4	4	2	2	1	31
	GUNSHOT		1	1	1	0	1	0	0	0	0	4
	HANGING		1	0	2	1	1	1	0	0	0	6
	HYPOXIA	ANAPHYLAXIS	0	1	1	0	0	0	0	0	0	2
		BRAIN INJURY	0	0	0	1	0	1	0	0	0	2
		CARBON MONOXIDE	0	0	0	3	0	0	1	0	0	4
		CARDIAC ARREST	0	0	0	3	2	3	3	0	0	11
		CARDIOMYOPATHY-BRONCHOSPASM	0	0	0	1	0	0	0	0	0	1
		CONGENITAL CARDIAC DEFECT	0	1	0	0	0	0	0	0	0	1
		FEBRILE CONVULSION	1	0	0	0	0	0	0	0	0	1
		POST OPERATIVE	0	0	0	2	0	0	0	0	0	2
		SEIZURE	0	1	0	0	1	0	0	0	0	2
		SMOKE INHALATION	0	0	0	0	0	0	1	0	0	1
		VENTRICULAR FIBRILLATION	0	0	0	0	0	1	0	0	0	1
	INTRACRANIAL HAEM	MELANOMA DONOR KIDNEY	0	0	0	0	0	1	0	0	0	1
			1	8	18	39	95	116	80	40	1	398
	MOTOR BIKE ACCID		0	0	4	3	1	0	0	0	0	8
	MOTOR VEHICLE ACCID		4	9	46	13	7	5	3	1	0	88
	OTHER	CYANIDE POISONING	0	0	0	0	1	0	0	0	0	1
		DIABETIC KETOACIDOSIS	0	1	0	0	0	0	0	0	0	1
		ELECTROCUTION	0	0	2	0	0	0	0	0	0	2
		MENINGITIS (MENINGOCOCCAL)	0	0	2	0	0	0	0	0	0	2
		MENINGITIS (PNEUMOCOCCAL)	1	1	0	0	1	0	0	0	0	3
		OVERDOSE	0	0	1	3	1	2	0	0	0	7
		POST PARTUM HAEMORRHAGE	0	0	0	1	0	0	0	0	0	1
		PULMONARY EMBOLUS	0	0	1	0	0	2	0	0	0	3
		RESPIRATORY FAILURE	0	0	0	0	0	0	0	1	0	1
		UNKNOWN-NON HEART BEATING	0	0	0	1	0	0	0	0	0	1

CAUSE OF DONOR DEATH RELATED TO GENDER AND AGE GROUP
AUSTRALIA 1-JAN-89 to 31-DEC-97

GENDER	CAUSE OF DEATH	OTHER CAUSES OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL		
FEMALE	OTHER ACCIDENT	INDUSTRIAL	0	1	0	0	0	0	0	0	0	1		
		KICKED BY HORSE	0	0	1	0	0	0	0	0	0	0	1	
		SHED COLLAPSED	0	0	0	0	0	0	1	0	0	0	1	
	OTHER ROAD ACCID	CAR COLLISION WITH HORSE	0	1	0	0	0	0	0	0	0	0	1	
		CAR REVERSED OVER CHILD	1	0	0	0	0	0	0	0	0	0	1	
		DRAGGED BY TRAIN	0	0	1	0	0	0	0	0	0	0	1	
		GO CART	0	1	0	0	0	0	0	0	0	0	1	
		SUICIDE-HIT BY TRAIN	0	0	1	0	0	0	1	0	0	0	2	
	PEDESTRIAN		0	8	9	6	2	2	2	0	0	29		
	SIDS		1	0	0	0	0	0	0	0	0	1		
				-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
				16	50	121	95	140	151	98	45	2	718	
	MALE	ASTHMA		0	4	3	3	1	1	0	0	0	12	
		CEREBRAL INFARCT	AIR EMBOLUS-SCUBA DIVING	0	0	0	0	1	0	0	0	0	0	1
				0	0	3	0	5	5	8	2	0	0	23
CEREBRAL OEDEMA		BLOCKED VP SHUNT	0	1	0	0	0	0	0	0	0	0	1	
		UNKNOWN CAUSE	0	1	1	0	0	0	0	0	0	0	2	
		VP SHUNT	0	0	1	0	0	0	0	0	0	0	1	
CEREBRAL TUMOUR		ASTROCYTOMA (MALIGNANT)	1	0	0	1	2	0	1	0	0	0	5	
		COLLOID CYST (BENIGN)	0	0	1	0	0	0	0	0	0	0	1	
		CRANIOPHARYNGIOMA (BENIGN)	0	1	0	0	0	0	0	0	0	0	1	
		GLIOBLASTOMA (MALIGNANT)	0	0	0	2	0	1	0	0	0	0	3	
		GLIOMA (MALIGNANT)	1	0	0	0	1	2	0	0	0	0	4	
		MEDULLOBLASTOMA (MALIGNANT)	0	1	0	0	0	0	0	0	0	0	1	
		MELANOMA (MALIGNANT)	0	0	0	0	0	1	0	0	0	0	1	
		MENINGIOMA (MALIGNANT)	0	0	1	0	1	0	0	0	0	0	2	
		PINEAL TUMOUR (BENIGN)	0	1	0	0	0	0	0	0	0	0	1	
CYCLIST			0	19	15	3	3	3	2	2	0	47		
DROWNING			6	1	1	1	0	1	0	0	0	10		
FALL			2	2	21	19	24	12	10	6	0	96		
FELONY OR CRIME		ASSAULT	0	0	9	3	3	1	0	0	0	0	16	
		HEAD INJURY-FIGHT	0	0	0	1	0	0	0	0	0	0	1	
GUNSHOT			0	2	23	12	10	5	3	0	0	0	55	
HANGING			0	2	2	3	0	0	0	0	0	0	7	
HYPOXIA		ANAPHYLAXIS	0	0	0	0	0	1	0	0	0	0	1	
		ASPHYXIATION	0	0	0	1	0	0	0	0	0	0	1	
		BRAIN INJURY	0	0	0	0	0	0	1	0	0	0	1	
		CARBON MONOXIDE	0	1	1	3	0	1	0	0	0	0	6	
		CARDIAC ARREST	0	0	0	1	3	2	2	0	0	0	8	
		INHALATION PETROL FUMES	0	0	1	0	0	0	0	0	0	0	1	
		INHALED APPLE	1	0	0	0	0	0	0	0	0	0	1	
	ISCHAEMIC ENCEPHALOPATHY	0	1	0	0	0	0	0	0	0	0	1		
	NOT SPECIFIED	0	1	0	1	0	0	0	0	0	0	2		
	RESPIRATORY ARREST	0	0	0	0	0	0	0	0	0	1	1		
	SEIZURE	0	1	1	0	1	0	0	0	0	0	3		
	SMOKE INHALATION	0	1	0	0	0	0	0	0	0	0	1		

CAUSE OF DONOR DEATH RELATED TO GENDER AND AGE GROUP

AUSTRALIA 1-JAN-89 to 31-DEC-97

GENDER	CAUSE OF DEATH	OTHER CAUSES OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL
MALE	INTRACRANIAL HAEM		2	10	25	57	91	120	79	24	1	409
	MOTOR BIKE ACCID		0	0	36	20	9	5	0	0	0	70
	MOTOR VEHICLE ACCID		5	9	103	33	12	9	7	0	0	178
OTHER	CEREBRAL ABSCESS		0	0	0	0	2	0	0	0	0	2
	HYDROCEPHALUS		0	0	2	1	0	0	0	0	0	3
	HYPOGLYCAEMIC COMA		0	0	1	0	0	0	0	0	0	1
	MENINGITIS (HAEMOPHYLLIS)		1	0	0	0	0	0	0	0	0	1
	MENINGITIS (MENINGOCOCCAL)		0	1	1	0	0	0	0	0	0	2
	MENINGITIS (PNEUMOCOCCAL)		1	1	1	0	0	1	0	0	0	4
	OVERDOSE		0	1	1	1	1	0	0	0	0	4
	STAPHYLOCCAL VENTRICULITIS		0	0	1	0	0	0	0	0	0	1
OTHER ACCIDENT	BOXING		0	0	0	1	0	0	0	0	0	1
	FALLING TREE		0	0	1	0	0	0	0	0	0	1
	FOOTBALL		0	0	2	0	0	0	0	0	0	2
	FOOTBALL SCRUM #C4-5		0	0	0	0	0	1	0	0	0	1
	HANG GLIDING		0	0	0	0	1	0	0	0	0	1
	HIT BY BOOM		0	0	0	1	0	0	0	0	0	1
	HIT ON HEAD		0	0	0	1	0	0	0	0	0	1
	HIT ON HEAD-SCAFFOLDING		1	0	0	0	0	0	0	0	0	1
	HIT TREE ON ROPE SWING		0	1	0	0	0	0	0	0	0	1
	INDUSTRIAL		0	0	2	3	2	1	1	0	0	9
	KICKED BY HORSE		0	0	1	1	0	0	0	0	0	2
	NO FURTHER INFORMATION		1	0	0	0	0	0	0	0	0	1
	PIPE HIT HEAD		0	0	1	0	0	0	0	0	0	1
	POLE FELL ON HEAD		0	0	1	0	0	0	0	0	0	1
	TIMBER FELL ON HEAD		0	1	0	0	0	0	0	0	0	1
	TREE FELL ON HEAD		0	0	0	0	0	1	0	0	0	1
OTHER ROAD ACCID	FALL FROM GOLF CART		0	0	1	0	0	0	0	0	0	1
	FALL FROM UTILITY		0	0	0	1	0	0	0	0	0	1
	FELL FROM CAR		0	0	2	1	0	1	0	0	0	4
	FELL OFF TRUCK		0	0	1	1	0	0	0	0	0	2
	HEAD FROM CAR-HIT METER		0	0	1	0	0	0	0	0	0	1
	HEAD HIT TREE-BACK UTILITY		0	0	1	0	0	0	0	0	0	1
	HIT BY TOWBALL		0	0	0	1	0	0	0	0	0	1
	HIT BY TRAIN		0	0	1	0	0	0	0	0	0	1
	REVERSED OVER BY CAR		1	0	0	0	0	0	0	0	0	1
	SUICIDE-HIT BY TRAIN		0	0	0	0	1	0	0	0	0	1
PEDESTRIAN	CAUGHT BY ROLLING CAR		0	0	1	0	0	0	0	0	0	1
	HIT BY TRAIN		0	0	1	0	0	0	0	0	0	1
			7	11	26	12	8	9	2	1	0	76
SIDS			2	0	0	0	0	0	0	0	0	2
			32	75	298	189	182	184	116	35	2	1113
TOTAL DEATHS			48	125	419	284	322	335	214	80	4	1831

OCCUPATION OF DONORS

1-JAN-89 to 31-DEC-97

AUSTRALIAN STATES

OCCUPATION	OTHER	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
HOME DUTIES		43	74	53	2	21	0	21	214
INVALID PENSIONER		12	13	5	1	8	0	5	44
MANAGEMENT		4	3	1	0	2	0	0	10
OTHER	ENTERTAINER	0	1	0	0	0	0	0	1
	MODEL	0	0	1	0	0	0	0	1
	NEONATE	1	0	0	0	0	0	0	1
	RELIGIOUS NUN	0	0	1	0	0	0	0	1
PRESCHOOL CHILD		20	11	8	2	6	0	7	54
PRIMARY INDUSTRY		6	7	10	0	3	1	7	34
PROFESSIONAL		17	34	38	1	10	0	7	107
RETIRED		12	36	28	0	13	0	4	93
SKILLED BLUE COLLAR		46	41	24	0	24	0	18	153
SKILLED WHITE COLLAR		11	25	21	0	11	0	10	78
SMALL BUSINESS OWNER		10	16	12	0	4	0	5	47
STUDENT		73	82	56	6	30	1	17	265
TRADESPERSON		17	24	19	2	5	0	4	71
UNEMPLOYED		13	18	17	5	12	3	2	70
UNKNOWN		38	227	58	10	29	9	23	394
UNSKILLED BLUE COLLAR		41	34	31	2	17	3	5	133
UNSKILLED WHITE COLLAR		11	20	21	1	5	0	2	60
		375	666	404	32	200	17	137	1831

CONSENT SOUGHT

1-JAN-89 to 31-DEC-97

AUSTRALIAN STATES

CONSENT SOUGHT	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
TRANSPLANT CO-ORDINA	35	49	44	0	76	0	13	217
ICU CLINICIAN	213	383	235	25	78	14	67	1015
ICU REGISTRAR	1	35	12	0	1	1	1	51
SOCIAL WORKER	2	1	11	0	0	0	0	14
A/E CONSULTANT	0	0	0	0	0	1	0	1
CONSULTANT PHYSICIAN	0	0	2	0	0	0	0	2
DESIGNATED OFFICER	1	0	1	0	0	0	0	2
DIRECTOR-EMERG.SERV.	0	0	0	1	0	0	0	1
GENERAL PRACTITIONER	0	0	5	0	0	0	0	5
INTERVIEWING OFFICER	1	0	0	0	0	0	0	1
REGISTRAR-ACC/EMERG	0	1	0	0	0	0	0	1
REGISTRAR-MEDICAL	1	0	0	0	0	0	0	1
RENAL PHYSICIAN	20	20	0	0	6	0	0	46
RENAL REGISTRAR	1	1	0	0	0	0	0	2
UNKNOWN	0	24	11	0	0	0	5	40
VOLUNTEERED	99	148	82	6	38	1	49	423
NURSING STAFF	1	4	1	0	1	0	2	9
	375	666	404	32	200	17	137	1831

RACIAL ORIGIN OF DONORS

1-JAN-89 to 31-DEC-97

AUSTRALIAN STATES

RACIAL/ETHNIC ORIGIN	OTHER	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
ABORIGINE		4	5	0	0	0	1	0	10
ARAB		0	2	0	0	0	0	0	2
CAUCASOID	GREEK	1	8	7	0	1	0	0	17
	ITALIAN	1	8	12	0	2	0	0	23
		363	620	374	32	195	16	128	1728
CHINESE		0	2	1	0	1	0	1	5
FILIPINO		2	2	1	0	1	0	0	6
INDIAN		0	2	2	0	0	0	1	5
MALAY		0	1	0	0	0	0	0	1
MAORI		0	2	0	0	0	0	1	3
OTHER	CHILEAN	0	1	0	0	0	0	0	1
	IRANIAN	0	1	0	0	0	0	0	1
	JAPANESE	0	2	1	0	0	0	0	3
	MAORI-CAUCASOID	0	0	1	0	0	0	0	1
	MAURITIAN	0	0	1	0	0	0	0	1
	PAKISTANI	0	0	1	0	0	0	0	1
	SRI LANKAN	0	0	1	0	0	0	0	1
PACIFIC ISLANDER	FIJIAN	1	0	0	0	0	0	0	1
		1	4	0	0	0	0	0	5
TURK		0	0	1	0	0	0	0	1
UNKNOWN		0	0	0	0	0	0	6	6
VIETNAMESE		2	6	1	0	0	0	0	9
		375	666	404	32	200	17	137	1831

RELIGION OF DONORS

1-JAN-89 to 31-DEC-97

AUSTRALIAN STATES

RELIGION	OTHER	QLD	NSW	VIC	TAS	SA	NT	WA	AUST
BUDDHIST		1	3	1	0	2	0	1	8
CHRISTIAN	GREEK ORTHODOX	0	1	3	0	0	0	0	4
CHRISTIAN	SERBIAN ORTHODOX	0	0	0	0	1	0	0	1
CHRISTIAN		280	365	196	14	74	3	85	1017
JEWISH		0	3	2	0	1	0	0	6
MUSLIM		0	2	3	0	1	0	0	6
NO RELIGION		39	21	28	1	34	1	20	144
OTHER	SHARMAN	1	0	0	0	0	0	0	1
UNKNOWN		54	271	171	17	87	13	31	644
		375	666	404	32	200	17	137	1831

ORGANS REQUESTED BY DONOR STATE

1-JAN-93 to 31-DEC-97

ORGANS REQUESTED	YEAR	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS	1993	44	73	52	6	22	3	19	219
	1994	38	70	26	6	21	1	16	178
	1995	34	67	38	4	23	1	17	184
	1996	35	69	49	1	25	3	12	194
	1997	37	68	42	4	25	3	8	187
			188	347	207	21	116	11	72
LIVER	1993	44	70	45	5	16	3	18	201
	1994	37	64	25	5	20	0	15	166
	1995	33	61	34	4	21	0	15	168
	1996	35	58	43	1	25	3	12	177
	1997	37	63	28	4	21	4	8	165
			186	316	175	19	103	10	68
HEART	1993	42	65	43	6	16	3	17	192
	1994	36	65	24	6	21	0	13	165
	1995	33	58	35	4	20	1	12	163
	1996	35	57	43	1	21	3	9	169
	1997	35	57	28	4	17	3	7	151
			181	302	173	21	95	10	58
LUNGS	1993	41	63	34	4	12	2	11	167
	1994	36	59	24	5	17	0	10	151
	1995	30	57	34	4	16	1	12	154
	1996	33	54	41	1	20	2	9	160
	1997	34	55	28	4	15	3	7	146
			174	288	161	18	80	8	49
PANCREAS	1993	39	60	17	1	8	0	2	127
	1994	29	52	21	4	9	0	2	117
	1995	26	54	24	1	2	0	0	107
	1996	27	53	22	1	0	0	1	104
	1997	32	52	13	0	1	1	0	99
			153	271	97	7	20	1	5
CORNEA	1993	43	69	47	4	18	2	19	202
	1994	36	64	24	3	16	0	15	158
	1995	33	57	35	3	15	0	14	157
	1996	33	61	45	1	15	0	11	166
	1997	34	57	35	3	17	1	6	153
			179	308	186	14	81	3	65
BONE	1993	28	22	8	2	12	0	16	88
	1994	27	13	5	0	15	0	8	68
	1995	25	3	8	0	9	0	8	53
	1996	23	0	5	1	12	0	8	49
	1997	26	7	2	0	7	0	2	44
			129	45	28	3	55	0	42
HEART VALVES	1993	10	15	4	0	4	0	5	38
	1994	13	7	4	1	6	0	4	35
	1995	5	6	3	0	2	0	4	20
	1996	13	10	1	0	1	0	1	26
	1997	11	18	1	0	2	0	1	33
			52	56	13	1	15	0	15

ORGAN CONSENT OBTAINED BY DONOR STATE

1-JAN-93 to 31-DEC-97

CONSENT OBTAINED	YEAR	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS	1993	44	73	52	6	22	3	19	219
	1994	38	70	26	6	21	1	16	178
	1995	34	67	38	4	23	1	17	184
	1996	35	69	49	1	25	3	12	194
	1997	37	68	42	4	25	3	8	187
		188	347	207	21	116	11	72	962
LIVER	1993	43	68	43	5	16	3	14	192
	1994	36	61	24	5	16	0	13	155
	1995	33	61	34	4	21	0	15	168
	1996	35	57	37	1	25	3	12	170
	1997	36	61	28	4	21	4	8	162
		183	308	166	19	99	10	62	847
HEART	1993	41	59	40	6	16	3	12	177
	1994	36	62	22	6	19	0	10	155
	1995	29	57	34	4	19	1	12	156
	1996	33	54	38	1	21	3	7	157
	1997	34	51	28	4	16	3	7	143
		173	283	162	21	91	10	48	788
LUNGS	1993	40	58	31	4	12	2	8	155
	1994	34	55	22	5	13	0	8	137
	1995	26	56	33	4	16	1	12	148
	1996	30	51	36	1	20	2	8	148
	1997	33	52	28	4	15	3	7	142
		163	272	150	18	76	8	43	730
PANCREAS	1993	36	56	16	1	2	0	2	113
	1994	26	48	20	4	6	0	2	106
	1995	21	52	23	1	2	0	0	99
	1996	23	52	18	0	0	0	1	94
	1997	24	50	13	0	1	1	0	89
		130	258	90	6	11	1	5	501
CORNEA	1993	35	51	38	3	10	0	8	145
	1994	23	45	14	1	11	0	11	105
	1995	22	39	23	3	11	0	11	109
	1996	29	39	30	0	9	0	6	113
	1997	20	42	27	2	11	1	4	107
		129	216	132	9	52	1	40	579
BONE	1993	20	19	6	2	4	0	10	61
	1994	21	11	5	0	8	0	4	49
	1995	13	3	7	0	3	0	6	32
	1996	17	0	4	0	6	0	4	31
	1997	15	3	2	0	3	0	2	25
		86	36	24	2	24	0	26	198
HEART VALVES	1993	10	15	4	0	4	0	5	38
	1994	13	7	4	1	6	0	4	35
	1995	5	6	3	0	2	0	4	20
	1996	13	10	1	0	1	0	1	26
	1997	11	18	1	0	2	0	1	33
		52	56	13	1	15	0	15	152

ORGAN CONSENTS BY DONOR STATE
AUSTRALIA 1-JAN-97 to 31-DEC-97

ORGAN CONSENTS	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS/	1	3	5	0	0	0	0	9
KIDNEYS/CORNEAS/	0	3	8	1	3	0	0	15
KIDNEYS/HEART/LUNGS/	0	2	0	0	0	0	0	2
KIDNEYS/HEART/LUNGS/CORNEAS/	0	0	1	0	0	0	0	1
KIDNEYS/HEART/LUNGS/CORNEAS/BONES/	0	0	0	0	1	0	0	1
KIDNEYS/LIVER/	1	3	1	0	4	0	1	10
KIDNEYS/LIVER/CORNEAS/	1	3	0	0	1	0	0	5
KIDNEYS/LIVER/CORNEAS/HEART VALVES/	0	1	0	0	0	0	0	1
KIDNEYS/LIVER/HEART/	0	1	0	0	1	0	0	2
KIDNEYS/LIVER/HEART/CORNEAS/	0	0	0	0	1	0	0	1
KIDNEYS/LIVER/HEART/HEART VALVES/	1	0	0	0	0	0	0	1
KIDNEYS/LIVER/HEART/LUNGS/	4	1	6	2	8	2	2	25
KIDNEYS/LIVER/HEART/LUNGS/BONES/	0	0	0	0	0	0	1	1
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/	2	2	8	1	0	0	2	15
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/BONES/	1	0	0	0	2	0	1	4
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/HEART VALVES/	0	0	0	0	2	0	1	3
KIDNEYS/LIVER/HEART/LUNGS/HEART VALVES/	2	0	0	0	0	0	0	2
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/	1	9	1	0	0	0	0	11
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/BONES/	2	1	1	0	0	0	0	4
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/BONES/HEART VALVES/	1	0	0	0	0	0	0	1
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/	3	16	9	0	1	0	0	29
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/	7	1	1	0	0	0	0	9
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/HEART VALVES/	1	1	0	0	0	0	0	2
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/TISSUE/	3	0	0	0	0	0	0	3
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/HEART VALVES/	2	14	0	0	0	0	0	16
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/HEART VALVES/	4	1	1	0	0	0	0	6
KIDNEYS/LIVER/HEART/PANCREAS/	0	1	0	0	0	0	0	1
KIDNEYS/LIVER/LUNGS/	0	0	0	0	1	0	0	1
KIDNEYS/LIVER/LUNGS/PANCREAS/	0	3	0	0	0	0	0	3
KIDNEYS/LIVER/PANCREAS/	0	2	0	0	0	0	0	2
KIDNEYS/LIVER/PANCREAS/CORNEAS/	0	0	0	0	0	1	0	1
LIVER/HEART/LUNGS/	0	0	0	1	0	1	0	2
LIVER/HEART/LUNGS/PANCREAS/CORNEAS/HEART VALVES/	0	1	0	0	0	0	0	1
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	37	69	42	5	25	4	8	190

REASON ORGANS NOT REQUESTED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT REQUESTED	REASON NOT REQUESTED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS	DISEASE OF ORGAN	0	2	0	1	1	1	0	5
	TRAUMA TO ORGAN	0	0	1	0	1	0	0	2
	AGE OF DONOR	1	1	0	0	0	0	1	3
	PRIOR FAMILY REQUEST	0	1	0	0	0	0	0	1
	DONOR REFUSAL	0	1	0	0	0	0	0	1
	SUITABLE ONLY TISSUE DONATION	0	0	0	0	1	0	0	1
			1	5	1	1	3	1	1
LIVER	DISEASE OF ORGAN	1	8	9	1	5	1	4	29
	TRAUMA TO ORGAN	0	2	5	1	2	0	0	10
	AGE OF DONOR	5	37	25	0	10	0	1	78
	PRIOR FAMILY REQUEST	1	5	6	3	2	0	1	18
	DONOR REFUSAL	0	0	0	0	1	0	0	1
	STAFF OVERSIGHT	0	0	0	0	2	1	0	3
	STAFF RELUCTANCE	0	0	0	0	1	0	2	3
	?PROCURE PANCREAS	0	0	1	0	0	0	0	1
	ALCOHOL ABUSE	0	0	0	1	0	0	0	1
	CONGENITAL ABNORMALITIES	0	0	1	0	0	0	0	1
	DONOR UNSTABLE	0	0	0	0	4	0	1	5
	FAMILY REQUEST BE DONE QUICKLY	0	0	0	0	1	0	0	1
	HYPOTENSION	0	2	0	0	0	0	0	2
	INOTROPE LEVEL-OBESITY	0	0	1	0	0	0	0	1
	LENGTH ICU STAY	0	0	1	0	0	0	0	1
	LOGISTICS	0	0	1	0	0	0	0	1
	MEDICALLY UNSUITABLE	0	2	2	0	1	0	0	5
	NO SUITABLE RECIPIENT	0	1	3	0	3	0	0	7
	NON HEART BEATING DONOR	0	7	0	0	2	0	0	9
	RELATIVE PRESENT-VENTIL. OFF	0	0	0	0	1	0	0	1
	SUITABLE ONLY TISSUE DONATION	0	0	0	0	1	0	0	1
	UNKNOWN	0	13	3	0	0	0	20	36
	FAMILY REFUSAL	0	6	2	0	0	1	1	10
		7	83	60	6	36	3	30	225
HEART	DISEASE OF ORGAN	5	9	9	0	12	1	3	39
	TRAUMA TO ORGAN	1	6	4	1	0	0	2	14
	AGE OF DONOR	9	57	34	0	18	1	9	128
	PRIOR FAMILY REQUEST	1	6	5	3	2	0	1	18
	DONOR REFUSAL	0	0	0	0	1	0	0	1
	STAFF OVERSIGHT	0	0	0	0	2	0	0	2
	STAFF RELUCTANCE	0	0	0	0	1	0	1	2
	CONGENITAL ABNORMALITIES	0	0	1	0	0	0	0	1
	CORONER REFUSAL	0	0	0	0	1	0	0	1
	DONOR UNSTABLE	0	0	0	0	2	0	0	2
	FAMILY REQUEST BE DONE QUICKLY	0	0	0	0	1	0	0	1
	LOGISTICS	0	1	1	0	0	0	0	2
	MEDICALLY UNSUITABLE	0	1	2	0	0	0	1	4
	NO SUITABLE RECIPIENT	1	0	2	0	0	0	0	3
	NON HEART BEATING DONOR	0	7	0	0	2	0	0	9
	RELATIVE PRESENT-VENTIL. OFF	0	0	0	0	1	0	0	1
	SUITABLE ONLY TISSUE DONATION	0	0	0	0	1	0	0	1
UNKNOWN	0	11	3	0	0	0	23	37	
FAMILY REFUSAL	0	6	3	0	1	1	1	12	
		17	104	64	4	45	3	41	278
LUNGS	DISEASE OF ORGAN	8	16	11	1	17	2	6	61
	TRAUMA TO ORGAN	1	11	14	3	12	1	10	52
	AGE OF DONOR	15	67	43	0	27	0	11	163
	PRIOR FAMILY REQUEST	3	8	6	3	2	0	1	23
	DONOR REFUSAL	0	0	0	0	1	0	0	1
	STAFF OVERSIGHT	8	2	0	0	3	0	1	14
	STAFF RELUCTANCE	3	0	0	0	1	0	2	6
	ABG	1	0	0	0	0	0	0	1
	CONGENITAL ABNORMALITIES	0	0	1	0	0	0	0	1
	CORONER REFUSAL	0	1	0	0	2	0	0	3
	DONOR UNSTABLE	0	0	0	0	5	0	1	6
	FAMILY REQUEST BE DONE QUICKLY	0	0	0	0	1	0	0	1
	HYPOTENSION	0	1	0	0	0	0	0	1
	LOGISTICS	1	1	3	0	0	0	0	5
	MEDICALLY UNSUITABLE	0	1	1	0	0	0	1	3
	NO SUITABLE RECIPIENT	1	0	7	0	2	0	0	10
	NO TRANSPLANT UNIT	5	0	17	1	1	1	0	25
	NON HEART BEATING DONOR	0	8	0	0	2	0	0	10
	NOT REQUIRED	0	0	2	0	1	0	0	3
	RELATIVE PRESENT-VENTIL. OFF	0	0	0	0	1	0	0	1
	SUITABLE ONLY TISSUE DONATION	0	0	0	0	1	0	0	1
	UNKNOWN	0	20	8	0	0	0	32	60
	VENTILATED TOO LONG	0	1	0	0	0	0	0	1
FAMILY REFUSAL	1	5	2	0	0	1	1	10	
		47	142	115	8	79	5	66	462

REASON ORGANS NOT REQUESTED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT REQUESTED	REASON NOT REQUESTED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
PANCREAS	DISEASE OF ORGAN	3	5	4	1	5	1	1	20
	TRAUMA TO ORGAN	1	2	3	1	2	0	0	9
	AGE OF DONOR	24	95	72	1	26	0	3	221
	PRIOR FAMILY REQUEST	5	9	6	3	7	0	1	31
	DONOR REFUSAL	0	0	0	0	1	0	0	1
	STAFF OVERSIGHT	16	3	27	4	15	0	4	69
	STAFF RELUCTANCE	4	1	4	0	2	0	2	13
	CONGENITAL ABNORMALITIES	0	0	1	0	0	0	0	1
	DONOR UNSTABLE	0	0	0	0	3	0	0	3
	DUE TO CHRONIC RENAL FAILURE	0	1	0	0	0	0	0	1
	FAMILY REQUEST BE DONE QUICKLY	0	0	0	0	1	0	0	1
	INFECTION	0	0	0	0	1	0	0	1
	LOGISTICS	13	2	8	2	10	8	27	70
	MEDICALLY UNSUITABLE	0	1	2	0	0	0	0	3
	NO SUITABLE RECIPIENT	0	1	25	9	22	1	0	58
	NO SURGEON	0	3	0	0	1	0	0	4
	NO TRANSPLANT UNIT	2	0	5	0	47	5	39	98
	NON HEART BEATING DONOR	0	8	0	0	2	0	0	10
	NOT APPROPRIATE	0	0	20	2	0	0	1	23
	NOT REQUIRED	0	0	10	0	4	0	5	19
	RELATIVE PRESENT-VENTIL. OFF	0	0	0	0	1	0	0	1
	SIZE OF DONOR	0	0	0	0	1	0	0	1
	SUITABLE ONLY TISSUE DONATION	0	0	0	0	1	0	0	1
	TEAM NOT AVAILABLE	0	0	0	0	1	0	0	1
	UNDIAGNOSED DIABETES	0	0	1	0	0	0	0	1
	UNKNOWN	0	22	4	0	1	0	28	55
	FAMILY REFUSAL	1	5	3	0	1	1	1	12
			69	158	195	23	155	16	112
CORNEA	DISEASE OF ORGAN	1	0	4	0	2	1	2	10
	TRAUMA TO ORGAN	0	3	5	1	12	1	1	23
	AGE OF DONOR	5	0	2	0	2	0	1	10
	PRIOR FAMILY REQUEST	6	31	10	2	15	0	1	65
	DONOR REFUSAL	0	2	1	1	1	0	0	5
	NON BEATING HEART	0	1	0	0	0	0	0	1
	STAFF OVERSIGHT	10	6	5	1	8	0	0	30
	STAFF RELUCTANCE	4	1	1	0	6	0	0	12
	BLOOD TRANSFUSIONS	1	0	0	0	0	0	0	1
	CORONER REFUSAL	0	3	0	0	1	0	1	5
	EYE BANK CLOSED	0	0	0	0	2	0	0	2
	LOGISTICS	2	0	6	2	1	7	0	18
	NO RETRIEVAL TEAM	0	0	0	1	0	1	0	2
	NO SUITABLE RECIPIENT	0	0	1	3	0	0	0	4
	NO SURGEON	0	1	0	0	0	0	0	1
	PREVIOUS CATARACT SURGERY	0	0	1	0	0	0	0	1
	TECHNICAL	0	0	0	1	0	0	0	1
	UNKNOWN	0	11	1	0	2	0	16	30
	FAMILY REFUSAL	2	16	7	1	5	2	3	36
			31	75	44	13	57	12	25
BONE	DISEASE OF ORGAN	1	0	0	0	1	0	2	4
	TRAUMA TO ORGAN	2	1	1	0	5	0	2	11
	AGE OF DONOR	39	42	41	2	29	0	16	169
	PRIOR FAMILY REQUEST	9	10	11	4	10	0	1	45
	DONOR REFUSAL	0	0	0	0	3	0	0	3
	STAFF OVERSIGHT	21	6	19	0	14	1	2	63
	STAFF RELUCTANCE	5	1	3	0	24	0	3	36
	CONGENITAL ABNORMALITIES	0	0	1	0	0	0	0	1
	CORONER REFUSAL	0	0	0	0	1	0	1	2
	INFECTION	0	0	0	0	3	0	0	3
	LOGISTICS	20	478	101	12	1	12	3	627
	MEDICALLY UNSUITABLE	0	1	0	0	1	0	3	5
	NO BONE BANK	0	3	0	0	0	0	0	3
	NO RETRIEVAL TEAM	0	0	1	0	0	1	0	2
	NO STAFF AVAILABLE	4	0	0	0	0	0	0	4
	NO STORAGE BONE BANK	0	0	0	0	4	0	0	4
	NO SUITABLE RECIPIENT	0	0	2	0	0	0	0	2
	NO TRANSPLANT UNIT	0	62	48	0	0	2	1	113
	NON HEART BEATING DONOR	0	1	0	0	0	0	0	1
	NOT APPROPRIATE	0	2	109	11	0	0	0	122
	NOT REQUESTED	1	0	0	0	0	0	0	1
	NOT REQUIRED	0	0	20	0	0	0	0	20
	RECENT BLOOD TRANSFUSION	0	0	0	0	0	0	1	1
	TRANSFUSED	0	0	0	0	0	0	2	2
	UNKNOWN	0	1	0	0	1	0	32	34
	UNSUITABLE	0	0	0	0	0	0	2	2
	FAMILY REFUSAL	0	5	10	0	5	1	2	23
			102	613	367	29	102	17	73

REASON ORGANS NOT REQUESTED BY DONOR STATE

AUSTRALIA 1-JAN-96 to 31-DEC-97

ORGANS NOT REQUESTED	YEAR	REASON NOT REQUESTED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS	1997	DISEASE OF ORGAN	0	0	0	1	0	1	0	2
		DONOR REFUSAL	0	1	0	0	0	0	0	1
			0	1	0	1	0	1	0	3
LIVER	1996	DISEASE OF ORGAN	0	2	1	0	0	0	0	3
		TRAUMA TO ORGAN	0	0	1	0	0	0	0	1
		AGE OF DONOR	0	7	3	0	0	0	0	10
		PRIOR FAMILY REQUEST	0	0	1	0	0	0	0	1
		NON HEART BEATING DONOR	0	1	0	0	0	0	0	1
		FAMILY REFUSAL	0	1	0	0	0	0	0	1
		0	11	6	0	0	0	0	17	
	1997	DISEASE OF ORGAN	0	0	2	0	0	0	0	2
		TRAUMA TO ORGAN	0	0	1	0	0	0	0	1
		AGE OF DONOR	0	3	6	0	2	0	0	11
		PRIOR FAMILY REQUEST	0	2	1	0	0	0	0	3
		ALCOHOL ABUSE	0	0	0	1	0	0	0	1
		INOTROPE LEVEL-OBESITY	0	0	1	0	0	0	0	1
		LENGTH ICU STAY	0	0	1	0	0	0	0	1
		LOGISTICS	0	0	1	0	0	0	0	1
MEDICALLY UNSUITABLE		0	0	0	0	1	0	0	1	
NO SUITABLE RECIPIENT		0	0	1	0	0	0	0	1	
NON HEART BEATING DONOR		0	1	0	0	1	0	0	2	
		0	6	14	1	4	0	0	25	
HEART	1996	DISEASE OF ORGAN	0	1	1	0	2	0	1	5
		TRAUMA TO ORGAN	0	0	1	0	0	0	0	1
		AGE OF DONOR	0	9	4	0	2	0	1	16
		PRIOR FAMILY REQUEST	0	1	0	0	0	0	0	1
		MEDICALLY UNSUITABLE	0	0	0	0	0	0	1	1
		FAMILY REFUSAL	0	1	0	0	0	0	0	1
		0	12	6	0	4	0	3	25	
	1997	DISEASE OF ORGAN	1	0	4	0	5	1	0	11
		TRAUMA TO ORGAN	0	0	1	1	0	0	1	3
		AGE OF DONOR	1	8	7	0	2	0	0	18
		PRIOR FAMILY REQUEST	0	2	1	0	0	0	0	3
		LOGISTICS	0	0	1	0	0	0	0	1
NON HEART BEATING DONOR		0	2	0	0	1	0	0	3	
	2	12	14	1	8	1	1	39		
LUNGS	1996	DISEASE OF ORGAN	1	1	1	0	1	1	1	6
		TRAUMA TO ORGAN	0	0	2	0	0	0	0	2
		AGE OF DONOR	1	11	4	0	4	0	1	21
		PRIOR FAMILY REQUEST	0	1	1	0	0	0	0	2
		MEDICALLY UNSUITABLE	0	0	0	0	0	0	1	1
		NON HEART BEATING DONOR	0	1	0	0	0	0	0	1
	FAMILY REFUSAL	0	1	0	0	0	0	0	1	
		2	15	8	0	5	1	3	34	
	1997	DISEASE OF ORGAN	1	1	5	0	3	1	0	11
		TRAUMA TO ORGAN	1	0	1	1	1	0	1	5
		AGE OF DONOR	1	8	6	0	5	0	0	20
		PRIOR FAMILY REQUEST	0	3	1	0	0	0	0	4
LOGISTICS		0	0	1	0	0	0	0	1	
NON HEART BEATING DONOR		0	2	0	0	1	0	0	3	
	3	14	14	1	10	1	1	44		

REASON ORGANS NOT REQUESTED BY DONOR STATE

AUSTRALIA 1-JAN-96 to 31-DEC-97

ORGANS NOT REQUESTED	YEAR	REASON NOT REQUESTED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
PANCREAS	1996	DISEASE OF ORGAN	1	1	1	0	0	0	0	3
		AGE OF DONOR	4	12	15	0	3	0	0	34
		PRIOR FAMILY REQUEST	1	1	1	0	0	0	0	3
		STAFF OVERSIGHT	0	0	6	0	0	0	0	6
		LOGISTICS	2	0	1	0	5	1	3	12
		NO SUITABLE RECIPIENT	0	0	3	0	0	0	0	3
		NO TRANSPLANT UNIT	0	0	0	0	17	2	8	27
		NON HEART BEATING DONOR	0	1	0	0	0	0	0	1
		FAMILY REFUSAL	0	1	0	0	0	0	0	1
				8	16	27	0	25	3	11
	1997	DISEASE OF ORGAN	0	1	1	0	2	0	0	4
		TRAUMA TO ORGAN	0	0	1	0	1	0	0	2
		AGE OF DONOR	2	10	21	1	3	0	0	37
		PRIOR FAMILY REQUEST	0	4	1	0	0	0	0	5
		STAFF OVERSIGHT	0	0	3	2	0	0	0	5
		LOGISTICS	3	0	0	0	0	2	3	8
		MEDICALLY UNSUITABLE	0	0	1	0	0	0	0	1
		NO SUITABLE RECIPIENT	0	0	1	2	0	0	0	3
		NO TRANSPLANT UNIT	0	0	0	0	17	1	5	23
		NON HEART BEATING DONOR	0	2	0	0	1	0	0	3
		5	17	29	5	24	3	8	91	
CORNEA	1996	DISEASE OF ORGAN	0	0	0	0	1	0	1	2
		TRAUMA TO ORGAN	0	1	1	0	3	0	0	5
		AGE OF DONOR	0	0	1	0	0	0	0	1
		PRIOR FAMILY REQUEST	1	5	2	0	1	0	0	9
		DONOR REFUSAL	0	0	0	0	1	0	0	1
		STAFF RELUCTANCE	0	0	0	0	2	0	0	2
		BLOOD TRANSFUSIONS	1	0	0	0	0	0	0	1
		LOGISTICS	0	0	0	0	0	1	0	1
	NO RETRIEVAL TEAM	0	0	0	0	0	1	0	1	
	FAMILY REFUSAL	0	2	0	0	2	1	0	5	
			2	8	4	0	10	3	1	28
	1997	DISEASE OF ORGAN	0	0	1	0	1	1	0	3
		TRAUMA TO ORGAN	0	0	0	0	2	0	0	2
		AGE OF DONOR	0	0	0	0	0	0	1	1
PRIOR FAMILY REQUEST		1	9	2	0	4	0	0	16	
DONOR REFUSAL		0	0	0	1	0	0	0	1	
STAFF OVERSIGHT		0	0	1	1	0	0	0	2	
STAFF RELUCTANCE	0	0	0	0	1	0	0	1		
CORONER REFUSAL	0	1	0	0	0	0	1	2		
LOGISTICS	1	0	0	0	0	2	0	3		
FAMILY REFUSAL	1	2	3	0	0	0	0	6		
		3	12	7	2	8	3	2	37	
BONE	1996	DISEASE OF ORGAN	0	0	0	0	0	0	1	1
		TRAUMA TO ORGAN	1	1	0	0	0	0	0	2
		AGE OF DONOR	5	7	8	0	3	0	1	24
		PRIOR FAMILY REQUEST	1	0	2	0	0	0	1	4
		DONOR REFUSAL	0	0	0	0	1	0	0	1
		STAFF OVERSIGHT	0	0	5	0	1	0	0	6
		STAFF RELUCTANCE	0	0	0	0	5	0	0	5
		INFECTION	0	0	0	0	1	0	0	1
		LOGISTICS	2	59	29	0	0	2	0	92
		MEDICALLY UNSUITABLE	0	0	0	0	1	0	1	2
		NO RETRIEVAL TEAM	0	0	0	0	0	1	0	1
		NO STAFF AVAILABLE	3	0	0	0	0	0	0	3
	NO TRANSPLANT UNIT	0	1	0	0	0	0	0	1	
	FAMILY REFUSAL	0	1	0	0	1	0	0	2	
			12	69	44	0	13	3	4	145
	1997	DISEASE OF ORGAN	1	0	0	0	0	0	0	1
		TRAUMA TO ORGAN	0	0	1	0	0	0	0	1
		AGE OF DONOR	1	7	9	1	4	0	1	23
PRIOR FAMILY REQUEST		1	6	3	0	6	0	0	16	
DONOR REFUSAL		0	0	0	0	1	0	0	1	
STAFF OVERSIGHT		0	0	2	0	1	0	0	3	
STAFF RELUCTANCE	1	0	0	0	5	0	0	6		
LOGISTICS	5	49	17	4	0	4	1	80		
MEDICALLY UNSUITABLE	0	0	0	0	0	0	2	2		
NO RETRIEVAL TEAM	0	0	1	0	0	0	0	1		
NO STAFF AVAILABLE	1	0	0	0	0	0	0	1		
NO TRANSPLANT UNIT	0	0	1	0	0	0	0	1		
NOT REQUESTED	1	0	0	0	0	0	0	1		
NOT REQUIRED	0	0	1	0	0	0	0	1		
TRANSFUSED	0	0	0	0	0	0	2	2		
FAMILY REFUSAL	0	0	5	0	1	0	0	6		
		11	62	40	5	18	4	6	146	

ORGANS RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS RETRIEVED	YEAR	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEYS	1989	73	173	125	4	38	4	34	451
	1990	74	154	89	4	50	2	22	395
	1991	92	146	85	4	30	4	42	403
	1992	124	140	82	8	38	0	28	420
	1993	85	142	99	12	42	6	38	424
	1994	72	134	52	12	42	2	32	346
	1995	67	130	76	8	46	2	32	361
	1996	70	138	96	2	50	6	23	385
	1997	74	131	84	8	47	6	16	366
			731	1288	788	62	383	32	267
LIVER	1989	25	42	27	1	5	1	1	102
	1990	22	27	19	0	6	0	1	75
	1991	31	39	25	1	6	0	9	111
	1992	42	41	22	2	9	0	8	124
	1993	27	41	25	5	13	0	7	118
	1994	30	42	22	3	13	0	10	120
	1995	29	45	24	3	19	0	9	129
	1996	27	39	20	1	15	2	10	114
	1997	32	48	20	3	15	4	8	130
			265	364	204	19	101	7	63
HEART	1989	18	44	29	0	7	0	0	98
	1990	18	44	28	0	11	0	1	102
	1991	27	40	24	2	7	2	6	108
	1992	31	40	27	2	11	0	8	119
	1993	29	39	25	4	11	2	6	116
	1994	23	44	16	5	13	0	4	105
	1995	21	44	22	4	12	0	8	111
	1996	19	35	18	1	15	1	5	94
	1997	22	31	24	3	10	2	6	98
			208	361	213	21	97	7	44
LUNGS	1989	1	13	1	0	0	0	0	15
	1990	2	8	4	0	2	0	1	17
	1991	5	9	10	1	1	1	3	30
	1992	8	19	5	0	3	0	3	38
	1993	14	18	11	2	7	2	4	58
	1994	12	30	12	3	9	0	4	70
	1995	8	25	17	2	11	1	3	67
	1996	7	23	9	1	13	0	6	59
	1997	13	21	14	2	7	2	5	64
			70	166	83	11	53	6	29
LUNG (LEFT)	1991	0	2	2	0	0	0	0	4
	1993	0	2	2	0	0	0	0	4
	1994	0	1	0	0	0	0	0	1
	1996	0	2	2	0	0	0	0	4
	1997	2	0	2	0	0	0	0	4
			2	7	8	0	0	0	0
LUNG (RIGHT)	1992	0	1	0	0	0	0	0	1
	1993	0	1	0	0	0	0	0	1
	1994	0	1	0	0	0	0	0	1
	1995	0	1	1	0	0	0	0	2
	1996	1	0	4	0	0	0	0	5
	1997	1	0	0	0	0	0	0	1
			2	4	5	0	0	0	0

ORGANS RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS RETRIEVED	YEAR	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
PANCREAS	1989	1	6	21	0	4	0	0	32
	1990	0	8	8	0	1	0	1	18
	1991	0	8	10	0	0	0	6	24
	1992	1	8	5	0	1	0	6	21
	1993	0	10	7	0	1	0	2	20
	1994	2	11	5	0	0	0	1	19
	1995	0	12	2	0	0	0	0	14
	1996	0	22	2	0	0	0	1	25
	1997	1	19	6	0	0	0	0	26
		5	104	66	0	7	0	17	199
CORNEA	1989	26	63	51	0	10	0	6	156
	1990	15	54	36	2	13	0	6	126
	1991	21	53	21	1	7	1	13	117
	1992	38	45	27	0	6	0	12	128
	1993	28	49	37	3	9	0	8	134
	1994	18	43	14	1	11	0	10	97
	1995	16	36	22	3	11	0	11	99
	1996	18	37	29	0	8	0	6	98
	1997	16	40	27	2	9	0	4	98
		196	420	264	12	84	1	76	1053
CORNEA (LEFT)	1996	0	0	1	0	0	0	0	1
		0	0	1	0	0	0	0	1
CORNEA (RIGHT)	1992	1	0	0	0	0	0	0	1
	1995	0	0	1	0	0	0	0	1
		1	0	1	0	0	0	0	2
BONE	1989	6	0	0	0	5	0	0	11
	1990	5	0	0	0	3	0	0	8
	1991	6	0	0	0	4	0	9	19
	1992	6	0	2	0	4	0	7	19
	1993	9	0	3	2	3	0	9	26
	1994	8	0	2	0	6	0	2	18
	1995	0	2	1	0	2	0	3	8
	1996	7	0	0	0	6	0	2	15
	1997	12	2	0	0	2	0	0	16
		59	4	8	2	35	0	32	140
HEART VALVES	1989	12	4	8	0	1	0	0	25
	1990	8	3	5	0	7	0	5	28
	1991	11	3	3	0	3	0	9	29
	1992	20	7	2	0	1	0	3	33
	1993	10	10	4	0	4	0	5	33
	1994	13	7	3	1	6	0	4	34
	1995	5	6	3	0	2	0	4	20
	1996	13	10	1	0	1	0	1	26
	1997	11	18	1	0	2	0	1	33
		103	68	30	1	27	0	32	261

SOLID ORGANS RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
HEART/	3	4	1	0	2	0	0	10
HEART/LUNGS/	1	1	0	0	1	0	0	3
HEART/PANCREAS	0	0	1	0	0	0	0	1
KIDNEYS/	65	184	117	6	54	5	61	492
KIDNEYS/HEART/	33	63	43	6	25	1	4	175
KIDNEYS/HEART/LUNGS/	8	25	11	1	8	3	3	59
KIDNEYS/HEART/LUNGS/PANCREAS	0	4	0	0	0	0	0	4
KIDNEYS/HEART/PANCREAS	0	13	13	0	0	0	1	27
KIDNEYS/LIVER/	89	82	43	4	27	4	21	270
KIDNEYS/LIVER/HEART/	111	95	65	5	29	1	8	314
KIDNEYS/LIVER/HEART/LUNGS/	46	89	47	9	30	1	17	239
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS	4	35	15	0	1	0	6	61
KIDNEYS/LIVER/HEART/PANCREAS	0	31	16	0	0	0	5	52
KIDNEYS/LIVER/LUNGS/	11	8	7	0	11	0	3	40
KIDNEYS/LIVER/LUNGS/PANCREAS	0	0	1	0	0	0	0	1
KIDNEYS/LIVER/PANCREAS	1	16	8	0	0	0	2	27
KIDNEYS/LUNGS/	0	2	2	0	1	1	0	6
KIDNEYS/LUNGS/PANCREAS	0	1	0	0	0	0	0	1
KIDNEYS/PANCREAS	0	3	12	0	6	0	3	24
LIVER/	1	5	1	0	1	0	1	9
LIVER/HEART/	2	1	1	0	1	0	0	5
LIVER/HEART/LUNGS/	0	0	0	0	0	1	0	1
LIVER/LUNGS/	0	1	0	1	1	0	0	3
LIVER/PANCREAS	0	1	0	0	0	0	0	1
	375	664	404	32	198	17	135	1825

SOLID ORGANS RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-97 to 31-DEC-97

ORGANS RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
HEART/LUNGS/	0	0	0	0	1	0	0	1
KIDNEYS/	3	16	17	1	8	0	0	45
KIDNEYS/HEART/	1	3	2	1	1	0	0	8
KIDNEYS/HEART/LUNGS/	1	1	1	0	0	0	0	3
KIDNEYS/HEART/PANCREAS	0	0	2	0	0	0	0	2
KIDNEYS/LIVER/	9	13	1	0	5	2	2	32
KIDNEYS/LIVER/HEART/	11	4	5	1	4	0	1	26
KIDNEYS/LIVER/HEART/LUNGS/	8	9	10	1	4	1	5	38
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS	1	8	3	0	0	0	0	12
KIDNEYS/LIVER/HEART/PANCREAS	0	6	1	0	0	0	0	7
KIDNEYS/LIVER/LUNGS/	3	3	0	0	2	0	0	8
KIDNEYS/LIVER/PANCREAS	0	4	0	0	0	0	0	4
LIVER/HEART/LUNGS/	0	0	0	0	0	1	0	1
LIVER/LUNGS/	0	0	0	1	0	0	0	1
LIVER/PANCREAS	0	1	0	0	0	0	0	1
	37	68	42	5	25	4	8	189

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEY (LEFT)	NO SUITABLE RECIPIENT	1	0	0	0	0	0	1	2
	DISEASE OF ORGAN	1	6	4	0	0	0	1	12
	TRAUMA TO ORGAN	0	3	1	0	2	0	0	6
	INFECTION	1	0	0	0	3	0	0	4
	BIOCHEMISTRY	3	0	0	0	0	0	0	3
	ABNORMAL VENOUS DRAINAGE	0	0	1	0	0	0	0	1
	ABSENT KIDNEY	0	0	2	0	0	0	0	2
	AMPHETAMINE USER	0	1	0	0	0	0	0	1
	HORSESHOE KIDNEY	0	1	0	0	0	0	0	1
	HYPOPLASTIC KIDNEY	0	0	1	0	0	0	0	1
	PREVIOUS NEPHRECTOMY	0	1	0	0	0	0	0	1
	PREVIOUS SURGERY	0	0	1	0	0	0	0	1
	SURGICAL DIFFICULTY	0	0	1	0	0	0	0	1
	AGE OF DONOR	0	1	0	0	0	0	0	1
		6	13	11	0	5	0	2	37
KIDNEY (RIGHT)	NO SUITABLE RECIPIENT	1	0	0	0	0	0	1	2
	DISEASE OF ORGAN	2	9	2	0	0	0	1	14
	HYDRONEPHROSIS	1	0	0	0	0	0	0	1
	TRAUMA TO ORGAN	2	1	4	0	2	0	1	10
	INFECTION	1	0	0	0	3	0	0	4
	MALIGNANCY	0	0	1	0	0	0	0	1
	BIOCHEMISTRY	3	0	0	0	0	0	0	3
	ABNORMAL ANATOMY	1	0	0	0	0	0	0	1
	AMPHETAMINE USER	0	1	0	0	0	0	0	1
	CONGENITAL ABNORMALITY	0	1	0	0	0	0	0	1
	HORSESHOE KIDNEY	0	1	0	0	0	0	0	1
	NEPHRECTOMY	0	1	0	0	0	0	0	1
	NEPHRECTOMY AS CHILD	0	1	0	0	0	0	0	1
	PREVIOUS NEPHRECTOMY	0	1	0	0	0	0	0	1
	SINGLE KIDNEY	0	2	0	0	1	0	0	3
	AGE OF DONOR	0	1	0	0	0	0	0	1
		11	19	7	0	6	0	3	46
LIVER	NO SUITABLE RECIPIENT	52	85	66	3	23	2	22	253
	DISEASE OF ORGAN	19	52	9	0	10	0	3	93
	TRAUMA TO ORGAN	5	8	4	0	1	2	0	20
	CARDIAC ARREST	1	0	4	0	0	0	0	5
	INFECTION	0	1	0	0	2	0	0	3
	HYPOTENSION	4	5	2	0	3	0	0	14
	BIOCHEMISTRY	3	10	10	1	2	0	0	26
	INOTROPIC SUPPORT	1	12	9	1	3	1	2	29
	LOGISTICS	1	10	2	0	1	0	3	17
	ABERRANT VESSELS	0	1	0	0	0	0	0	1
	ABNORMAL ANATOMY	1	0	0	0	0	0	0	1
	ALCOHOL ABUSE	0	0	0	1	0	0	0	1
	CORONER REFUSAL	0	0	0	0	1	0	0	1
	DONOR UNSTABLE	1	3	2	0	3	1	0	10
	HDYNAMIC DETERIORATION	0	1	0	0	0	0	0	1
	MARGINAL ORGAN	0	0	0	0	1	0	0	1
	MEDICALLY UNSUITABLE	0	1	0	0	2	0	1	4
	NO TIME TO ORGANISE	0	0	1	0	0	0	0	1
	NON HEART BEATING	0	1	0	0	0	0	0	1
	PANCREAS DONOR	0	0	1	0	1	0	0	2
	POOR PERFUSION	0	1	0	0	0	0	0	1
	PRIMARY CAUSE DEATH	0	0	1	0	0	0	0	1
	RECIPIENT DIED/RETRIEVAL	0	0	0	0	1	0	0	1
	RECIPIENT INOPERABLE	0	1	0	0	0	0	0	1
	SEROLOGY	1	0	0	0	0	0	0	1
	SIZE OF DONOR	0	0	0	0	0	1	0	1
	UNKNOWN	0	0	0	0	0	0	3	3
AGE OF DONOR	6	7	11	0	0	0	3	27	
		95	199	122	6	54	7	37	520

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL	
HEART	NO SUITABLE RECIPIENT	40	35	37	4	13	2	15	146	
	DISEASE OF ORGAN	37	42	17	1	17	2	6	122	
	TRAUMA TO ORGAN	9	5	6	1	3	0	3	27	
	CARDIAC ARREST	2	4	7	0	0	0	0	13	
	INFECTION	1	1	0	0	2	0	0	4	
	HYPOTENSION	6	7	0	0	1	0	0	14	
	BIOCHEMISTRY	0	1	1	0	0	0	0	2	
	INOTROPIC SUPPORT	9	25	8	0	3	0	5	50	
	ECG	0	3	7	0	0	1	0	11	
	ABG	1	0	0	0	0	0	0	1	
	CHEST XRAY	1	0	0	0	0	0	0	1	
	LOGISTICS	5	4	0	0	0	1	3	13	
	RECIPIENT UNSTABLE	0	0	1	0	0	0	0	1	
	(L) VENTRICULAR FUNCTION	1	0	0	0	0	0	0	1	
	AMPHETAMINE USER	0	1	0	0	0	0	0	1	
	BENIGN TUMOUR	1	0	0	0	0	0	0	1	
	BILAT.PUL.ARTERY EMBOLI	1	0	0	0	0	0	0	1	
	CORONER REFUSAL	1	0	0	0	2	0	1	4	
	DONOR UNSTABLE	2	3	2	0	7	1	0	15	
	HIGH RISK HIV	0	0	1	0	0	0	0	1	
	HYPOKINETIC	1	0	0	0	0	0	0	1	
	MEDICALLY UNSUITABLE	0	2	3	0	0	0	0	5	
	MINIMAL FUNCTION ON ECHO	0	0	0	0	0	0	1	1	
	NO TEAM AVAILABLE	0	0	0	0	1	0	0	1	
	NO TIME TO ORGANISE	0	0	1	0	0	0	0	1	
	NO TRANSPORT	0	0	0	0	1	0	0	1	
	NON HEART BEATING	0	2	0	0	0	0	0	2	
	REDUCED FUNCTION	1	0	0	0	0	0	0	1	
	SIZE/HISTORY CRF	0	1	0	0	0	0	0	1	
	SMOKING HISTORY	0	0	0	0	0	0	1	1	
	TECHNICAL	1	0	0	0	0	0	0	1	
	TIME VENTILATION	0	0	0	0	0	0	1	1	
	TOO SMALL	0	0	1	0	1	0	0	2	
UNKNOWN	0	0	0	0	0	0	1	1		
UNSUITABLE	0	1	0	0	0	0	0	1		
UNSUITABLE ON ECHO	0	0	0	0	0	0	1	1		
VENTRICLE DAMAGE	0	0	1	0	0	0	0	1		
AGE OF DONOR	10	28	9	0	1	0	1	49		
		130	165	102	6	52	7	39	501	
LUNGS	NO SUITABLE RECIPIENT	44	86	55	3	19	3	10	220	
	DISEASE OF ORGAN	24	59	24	2	12	1	8	130	
	TRAUMA TO ORGAN	19	27	29	3	8	0	2	88	
	CARDIAC ARREST	0	3	6	0	0	0	1	10	
	INFECTION	23	8	9	2	2	0	3	47	
	HYPOTENSION	2	6	0	0	0	0	0	8	
	BIOCHEMISTRY	1	2	1	0	0	0	0	4	
	INOTROPIC SUPPORT	1	4	1	0	1	0	4	11	
	ABG	49	41	14	1	8	1	2	116	
	CHEST XRAY	16	16	14	0	3	0	0	49	
	LOGISTICS	17	9	0	0	1	0	0	27	
	AMPHETAMINE USER	0	1	0	0	0	0	0	1	
	BENIGN TUMOUR	1	0	0	0	0	0	0	1	
	CORONER REFUSAL	0	0	0	0	2	0	0	2	
	COST	0	0	0	0	0	0	1	1	
	DONOR UNSTABLE	2	3	2	0	3	1	0	11	
	HEART DONOR	8	0	0	0	0	0	0	8	
	HEAVY SMOKER	0	0	0	0	0	0	1	1	
	HIGH RISK HIV	0	0	1	0	0	0	0	1	
	MEDICALLY UNSUITABLE	0	1	2	1	1	0	1	6	
	NO HEART CONSENT	0	1	0	0	0	0	0	1	
	NO SURGEON	0	1	0	0	0	0	0	1	
	NO TIME TO ORGANISE	0	0	1	0	0	0	0	1	
	NO TRANSPORT	0	0	0	0	1	0	0	1	
	NON HEART BEATING	0	1	0	0	0	0	0	1	
	PULMONARY OEDEMA	0	2	0	0	0	0	0	2	
	TECHNICAL	1	0	0	0	0	0	0	1	
	TIME VENTILATION	0	0	0	0	0	0	1	1	
	UNSUITABLE TO TRANSPLANT	0	1	0	0	0	0	0	1	
	AGE OF DONOR	18	36	9	0	0	0	1	64	
			226	308	168	12	61	6	35	816

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
LUNG (LEFT)	NO SUITABLE RECIPIENT	0	1	2	0	0	0	0	3
	DISEASE OF ORGAN	0	1	2	0	0	0	0	3
	TRAUMA TO ORGAN	0	1	1	0	0	0	0	2
	INFECTION	1	1	0	0	0	0	0	2
	CHEST XRAY	0	0	1	0	0	0	0	1
	COLLAPSED LOBE	1	0	0	0	0	0	0	1
			2	4	6	0	0	0	0
LUNG (RIGHT)	NO SUITABLE RECIPIENT	0	3	5	0	0	0	0	8
	DISEASE OF ORGAN	0	1	1	0	0	0	0	2
	TRAUMA TO ORGAN	0	3	3	0	0	0	0	6
	ECG	1	0	0	0	0	0	0	1
	CHEST XRAY	1	0	0	0	0	0	0	1
			2	7	9	0	0	0	0
PANCREAS	NO SUITABLE RECIPIENT	14	81	80	4	6	0	1	186
	DISEASE OF ORGAN	3	32	0	0	0	0	0	35
	TRAUMA TO ORGAN	1	7	3	0	0	0	0	11
	CARDIAC ARREST	0	0	1	0	0	0	0	1
	INFECTION	1	0	0	0	1	0	0	2
	HYPOTENSION	3	7	0	0	1	0	0	11
	BIOCHEMISTRY	0	7	3	1	1	0	0	12
	INOTROPIC SUPPORT	1	4	2	0	0	0	0	7
	LOGISTICS	213	105	7	1	7	1	1	335
	ABERRANT ARTERY TO LIVER	0	1	0	0	0	0	0	1
	ABNORMAL ANATOMY	0	2	1	0	0	0	0	3
	ALCOHOL ABUSE	0	0	0	1	0	0	0	1
	AMPHETAMINE USER	0	1	0	0	0	0	0	1
	ANATOMY	0	2	0	0	0	0	0	2
	CORONER REFUSAL	0	0	0	0	1	0	0	1
	DONOR UNSTABLE	2	2	1	0	2	0	0	7
	K/P TX UNABLE TO BE DONE	0	1	0	0	0	0	0	1
	LIVER TAKEN	0	2	3	0	0	0	0	5
	MEDICALLY UNSUITABLE	0	2	0	0	0	0	0	2
	NO CONSENT FOR RESEARCH	0	0	0	0	1	0	0	1
	NO SURGEON	0	10	0	0	0	0	0	10
	NO SURGEONS AVAILABLE	0	0	1	0	0	0	0	1
	NO TRANSPLANT UNIT	7	0	0	0	0	0	1	8
	NON HEART BEATING	0	1	0	0	0	0	0	1
	NOT REMOVED	0	0	2	0	0	0	0	2
	OBESITY	0	1	0	0	0	0	0	1
	ON INSULIN INFUSION	0	1	0	0	0	0	0	1
	SURGICAL DECISION	0	1	1	0	0	0	0	2
	TEAM NOT AVAILABLE	0	0	0	0	1	0	0	1
	UNKNOWN	0	1	0	0	0	0	2	3
	AGE OF DONOR	17	99	14	0	1	0	0	131
		262	370	119	7	22	1	5	786

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
CORNEA	NO SUITABLE RECIPIENT	7	0	0	0	0	0	0	7
	DISEASE OF ORGAN	1	3	0	0	1	0	0	5
	TRAUMA TO ORGAN	20	4	3	0	2	0	1	30
	INFECTION	2	0	0	0	0	0	0	2
	LOGISTICS	30	4	0	0	2	2	0	38
	AMPHETAMINE USER	0	1	0	0	0	0	0	1
	BLOOD PRODUCTS	1	0	0	0	0	0	0	1
	BLOOD TRANSFUSIONS	1	0	0	0	0	0	0	1
	CORONER REFUSAL	0	4	0	0	0	0	0	4
	NO EYEBANK STAFF	0	0	0	0	1	0	0	1
	NO SURGEON	0	1	0	0	0	0	0	1
	NOT REQUIRED	2	0	0	0	0	0	0	2
	PREVIOUS SURGERY	0	1	0	0	0	0	0	1
	PREVIOUS TRANSPLANTS	1	0	0	0	0	0	0	1
	SEROLOGY	1	0	0	0	0	0	0	1
	STAFF OVERSIGHT	3	0	0	0	1	0	0	4
	UNKNOWN	0	0	0	0	0	0	2	2
	UNUSEABLE	0	1	0	0	0	0	0	1
	WITHDRAWAL OF CONSENT	0	1	0	0	0	0	0	1
	AGE OF DONOR	2	1	0	0	0	0	1	4
		71	21	3	0	7	2	4	108
CORNEA (LEFT)	TRAUMA TO ORGAN	0	0	1	0	0	0	0	1
	NOT ENOUGH TIME TO REMOVE	1	0	0	0	0	0	0	1
		1	0	1	0	0	0	0	2
CORNEA (RIGHT)	EYE ALREADY REMOVED	0	0	1	0	0	0	0	1
		0	0	1	0	0	0	0	1
BONE	NO SUITABLE RECIPIENT	0	0	2	0	1	0	0	3
	DISEASE OF ORGAN	2	0	1	0	1	0	2	6
	TRAUMA TO ORGAN	3	0	1	0	0	0	0	4
	INFECTION	7	1	0	0	3	0	1	12
	BIOCHEMISTRY	0	0	0	0	0	0	1	1
	LOGISTICS	104	33	9	0	3	0	2	151
	ADEQUATE TISSUE PROCURED	0	0	1	0	0	0	0	1
	CHARCOT-MARIE TOOTH SYND	0	0	0	0	0	0	1	1
	CORONER REFUSAL	0	0	0	0	2	0	0	2
	LOGISTICS	1	0	0	0	0	0	0	1
	LONG STEROIDS	1	0	0	0	0	0	0	1
	MEDICALLY UNSUITABLE	0	0	0	0	1	0	2	3
	NO STORAGE	0	0	0	0	3	0	0	3
	NO SURGEON	0	0	0	0	0	0	1	1
	NO TRANSPLANT UNIT	0	0	2	0	0	0	0	2
	NOT REQUIRED	2	1	7	0	0	0	0	10
	TRANSFUSED	0	0	0	0	0	0	1	1
	AGE OF DONOR	28	5	1	0	0	0	3	37
		148	40	24	0	14	0	14	240

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-97 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
KIDNEY (LEFT)	DISEASE OF ORGAN	0	1	0	0	0	0	0	1
	INFECTION	0	0	0	0	1	0	0	1
		0	1	0	0	1	0	0	2
KIDNEY (RIGHT)	DISEASE OF ORGAN	0	2	0	0	0	0	0	2
	INFECTION	0	0	0	0	1	0	0	1
	SINGLE KIDNEY	0	2	0	0	1	0	0	3
		0	4	0	0	2	0	0	6
LIVER	NO SUITABLE RECIPIENT	1	2	2	0	0	0	0	5
	DISEASE OF ORGAN	3	7	1	0	4	0	0	15
	INFECTION	0	0	0	0	1	0	0	1
	HYPOTENSION	0	0	1	0	0	0	0	1
	BIOCHEMISTRY	0	0	1	0	0	0	0	1
	INOTROPIC SUPPORT	0	2	0	1	0	0	0	3
	LOGISTICS	0	0	1	0	0	0	0	1
	DONOR UNSTABLE	0	1	1	0	0	0	0	2
	MARGINAL ORGAN	0	0	0	0	1	0	0	1
	POOR PERFUSION	0	1	0	0	0	0	0	1
	AGE OF DONOR	0	0	1	0	0	0	0	1
		4	13	8	1	6	0	0	32
HEART	NO SUITABLE RECIPIENT	2	2	0	0	1	0	0	5
	DISEASE OF ORGAN	6	6	0	1	4	0	0	17
	HYPOTENSION	1	0	0	0	0	0	0	1
	BIOCHEMISTRY	0	1	0	0	0	0	0	1
	INOTROPIC SUPPORT	1	7	1	0	0	0	1	10
	ECG	0	1	0	0	0	1	0	2
	ABG	1	0	0	0	0	0	0	1
	(L) VENTRICULAR FUNCTION	1	0	0	0	0	0	0	1
	CORONER REFUSAL	0	0	0	0	1	0	0	1
	DONOR UNSTABLE	0	1	1	0	0	0	0	2
	VENTRICLE DAMAGE	0	0	1	0	0	0	0	1
	AGE OF DONOR	0	2	1	0	0	0	0	3
			12	20	4	1	6	1	1
LUNGS	NO SUITABLE RECIPIENT	1	1	1	0	0	0	0	3
	DISEASE OF ORGAN	2	12	0	0	5	0	0	19
	TRAUMA TO ORGAN	1	1	1	0	0	0	1	4
	INFECTION	3	0	0	1	0	0	0	4
	HYPOTENSION	1	0	0	0	0	0	0	1
	INOTROPIC SUPPORT	0	0	0	0	0	0	1	1
	ABG	5	12	3	0	2	1	0	23
	CHEST XRAY	2	1	4	0	0	0	0	7
	LOGISTICS	1	0	0	0	0	0	0	1
	CORONER REFUSAL	0	0	0	0	1	0	0	1
	DONOR UNSTABLE	0	1	1	0	0	0	0	2
	MEDICALLY UNSUITABLE	0	0	1	1	0	0	0	2
	AGE OF DONOR	1	3	1	0	0	0	0	5
			17	31	12	2	8	1	2

REASON ORGANS NOT RETRIEVED BY DONOR STATE

AUSTRALIA 1-JAN-97 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	QLD	NSW	VIC	TAS	SA	NT	WA	TOTAL
LUNG (LEFT)	COLLAPSED LOBE	1	0	0	0	0	0	0	1
		1	0	0	0	0	0	0	1
LUNG (RIGHT)	NO SUITABLE RECIPIENT	0	0	1	0	0	0	0	1
	DISEASE OF ORGAN	0	0	1	0	0	0	0	1
	ECG	1	0	0	0	0	0	0	1
	CHEST XRAY	1	0	0	0	0	0	0	1
		2	0	2	0	0	0	0	4
PANCREAS	NO SUITABLE RECIPIENT	0	1	3	0	0	0	0	4
	DISEASE OF ORGAN	0	5	0	0	0	0	0	5
	INFECTION	0	0	0	0	1	0	0	1
	BIOCHEMISTRY	0	0	1	0	0	0	0	1
	LOGISTICS	23	7	1	0	0	1	0	32
	ANATOMY	0	2	0	0	0	0	0	2
	DONOR UNSTABLE	0	1	0	0	0	0	0	1
	AGE OF DONOR	0	15	2	0	0	0	0	17
		23	31	7	0	1	1	0	63
CORNEA	DISEASE OF ORGAN	0	0	0	0	1	0	0	1
	TRAUMA TO ORGAN	1	1	0	0	1	0	0	3
	LOGISTICS	3	0	0	0	0	1	0	4
	PREVIOUS SURGERY	0	1	0	0	0	0	0	1
		4	2	0	0	2	1	0	9
BONE	LOGISTICS	3	1	1	0	1	0	0	6
	CHARCOT-MARIE TOOTH SYND	0	0	0	0	0	0	1	1
	MEDICALLY UNSUITABLE	0	0	0	0	0	0	1	1
	NOT REQUIRED	0	0	1	0	0	0	0	1
		3	1	2	0	1	0	2	9

PERFUSION OF ORGANS - AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGAN	FIRST PERFUSION	OTHER	SECOND	THIRD	TOTAL	
KIDNEY	ALBUMIN-WATER-SALINE		ROSS		6	
	ALBUMIN-WATER-SALINE		UW	ROSS	12	
	ALBUMIN-WATER-SALINE		UW		18	
	COLLINS		UW		10	
	COLLINS				228	
	HARTMANS		COLLINS		215	
	HARTMANS		ROSS	UW	2	
	HARTMANS		ROSS		67	
	HARTMANS		UW	COLLINS	8	
	HARTMANS		UW	ROSS	64	
	HARTMANS		UW		328	
	HARTMANS				4	
	NO WASHOUT				4	
	ROSS			UW	465	
	ROSS				1360	
	UW			COLLINS	4	
	UW			ROSS	178	
	UW				578	
					-----	3551
	LIVER	ALBUMIN-WATER-SALINE		UW		22
COLLINS			UW		5	
COLLINS					3	
HARTMANS			COLLINS	UW	6	
HARTMANS			COLLINS		3	
HARTMANS			ROSS	UW	18	
HARTMANS			UW		320	
NO WASHOUT					5	
ROSS			UW		226	
ROSS					8	
UW					407	
				-----	1023	
HEART	CARDIOPLEGIA				845	
	OTHER	MONASH UNI			2	
	OTHER	PLEGISOL	EUROCOLLINS		1	
	PNEUMOPLEGIA				103	
				-----	951	
LUNG	ALBUMIN-WATER-SALINE				3	
	CARDIOPLEGIA				22	
	COLLINS				7	
	EUROCOLLINS				47	
	NO WASHOUT				1	
	PNEUMOPLEGIA				336	
	ST THOMAS SOLUTION				2	
				-----	418	
LUNG LEFT	CARDIOPLEGIA				2	
	EUROCOLLINS				5	
	PNEUMOPLEGIA				10	
				-----	17	
LUNG RIGHT	EUROCOLLINS				4	
	PNEUMOPLEGIA				7	
				-----	11	
PANCREAS	ALBUMIN-WATER-SALINE		UW		1	
	EUROCOLLINS				1	
	HARTMANS		COLLINS		1	
	HARTMANS		ROSS	UW	2	
	HARTMANS		ROSS		1	
	HARTMANS		UW		4	
	HARTMANS				1	
	NO WASHOUT				40	
	OTHER	NITROGEN			1	
	ROSS		UW		51	
	ROSS				30	
	UW				66	
				-----	199	

PERFUSION OF ORGANS
AUSTRALIA 1-JAN-97 to 31-DEC-97

ORGAN	FIRST PERFUSION	OTHER	SECOND	THIRD	TOTAL
KIDNEY	COLLINS		UW		6
	COLLINS				6
	HARTMANS		COLLINS		30
	HARTMANS		UW	ROSS	2
	HARTMANS		UW		55
	ROSS		UW		132
	ROSS				71
	UW		COLLINS		4
	UW		ROSS		26
	UW				34

					366
LIVER	COLLINS		UW		3
	HARTMANS		COLLINS		3
	HARTMANS		UW		40
	ROSS		UW		61
	UW				23

					130
HEART	CARDIOPLEGIA				97
	PNEUMOPLEGIA				1

					98
LUNG	CARDIOPLEGIA				3
	EUROCOLLINS				7
	PNEUMOPLEGIA				52
	ST THOMAS SOLUTION				2

					64
LUNG LEFT	EUROCOLLINS				2
	PNEUMOPLEGIA				2

					4
LUNG RIGHT	PNEUMOPLEGIA				1

					1
PANCREAS	HARTMANS		UW		1
	ROSS		UW		18
	ROSS				2
	UW				5

					26

ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM

AUSTRALIA 1-JAN-89 to 31-DEC-97

ORGANS RETRIEVED	DONOR STATE	RETRIEVAL STATE TEAM							TOTAL
		QLD	NSW	VIC	TAS	SA	NT	WA	
KIDNEYS	QLD	654	52	23	0	2	0	0	731
	NSW	126	1118	38	0	6	0	0	1288
	VIC	45	21	722	0	0	0	0	788
	TAS	14	4	32	12	0	0	0	62
	SA	22	22	12	0	327	0	0	383
	NT	4	4	2	0	6	16	0	32
	WA	2	0	0	0	0	0	265	267
	NZ	98	36	28	0	0	0	0	162
			965	1257	857	12	341	16	265
LIVER	QLD	226	26	12	0	1	0	0	265
	NSW	75	261	24	0	4	0	0	364
	VIC	30	13	161	0	0	0	0	204
	TAS	7	3	9	0	0	0	0	19
	SA	11	10	9	0	71	0	0	101
	NT	2	2	2	0	1	0	0	7
	WA	4	1	1	0	0	0	57	63
	NZ	52	21	14	0	0	0	0	87
			407	337	232	0	77	0	57
HEART	QLD	149	34	25	0	0	0	0	208
	NSW	6	328	27	0	0	0	0	361
	VIC	0	9	204	0	0	0	0	213
	TAS	1	0	20	0	0	0	0	21
	SA	11	31	51	0	0	0	4	97
	NT	1	1	5	0	0	0	0	7
	WA	1	4	12	0	0	0	27	44
	NZ	0	2	5	0	0	0	0	7
			169	409	349	0	0	0	31
LUNGS	QLD	14	25	31	0	0	0	0	70
	NSW	1	153	12	0	0	0	0	166
	VIC	0	4	79	0	0	0	0	83
	TAS	0	0	11	0	0	0	0	11
	SA	1	22	29	0	0	0	1	53
	NT	1	0	5	0	0	0	0	6
	WA	0	3	10	0	0	0	16	29
	NZ	0	1	5	0	0	0	0	6
			17	208	182	0	0	0	17
LUNG (LEFT)	QLD	2	0	0	0	0	0	0	2
	NSW	0	7	0	0	0	0	0	7
	VIC	0	0	8	0	0	0	0	8
		2	7	8	0	0	0	0	17
LUNG (RIGHT)	QLD	1	1	0	0	0	0	0	2
	NSW	0	4	0	0	0	0	0	4
	VIC	0	0	5	0	0	0	0	5
		1	5	5	0	0	0	0	11
PANCREAS	QLD	4	1	0	0	0	0	0	5
	NSW	1	102	1	0	0	0	0	104
	VIC	1	2	63	0	0	0	0	66
	SA	0	0	0	0	7	0	0	7
	WA	1	0	0	0	0	0	16	17
		7	105	64	0	7	0	16	199

ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM

AUSTRALIA 1-JAN-97 to 31-DEC-97

YEAR	ORGANS RETRIEVED	DONOR STATE	RETRIEVAL STATE TEAM							TOTAL
			QLD	NSW	VIC	TAS	SA	NT	WA	
1997	KIDNEYS	QLD	74	0	0	0	0	0	0	74
		NSW	4	121	6	0	0	0	0	131
		VIC	2	0	82	0	0	0	0	84
		TAS	2	0	4	2	0	0	0	8
		SA	0	0	0	0	47	0	0	47
		NT	4	0	2	0	0	0	0	6
		WA	0	0	0	0	0	0	16	16
		NZ	6	4	6	0	0	0	0	16
			92	125	100	2	47	0	16	382
	LIVER	QLD	32	0	0	0	0	0	0	32
		NSW	2	42	4	0	0	0	0	48
		VIC	1	0	19	0	0	0	0	20
		TAS	1	1	1	0	0	0	0	3
		SA	0	0	0	0	15	0	0	15
		NT	2	0	2	0	0	0	0	4
		WA	0	0	0	0	0	0	8	8
		NZ	3	2	3	0	0	0	0	8
			41	45	29	0	15	0	8	138
	HEART	QLD	22	0	0	0	0	0	0	22
		NSW	0	30	1	0	0	0	0	31
		VIC	0	1	23	0	0	0	0	24
		TAS	0	0	3	0	0	0	0	3
		SA	2	2	5	0	0	0	1	10
		NT	1	0	1	0	0	0	0	2
		WA	0	0	0	0	0	0	6	6
		NZ	0	0	1	0	0	0	0	1
			25	33	34	0	0	0	7	99
	LUNGS	QLD	10	1	2	0	0	0	0	13
		NSW	1	19	1	0	0	0	0	21
		VIC	0	1	13	0	0	0	0	14
		TAS	0	0	2	0	0	0	0	2
		SA	1	2	4	0	0	0	0	7
		NT	1	0	1	0	0	0	0	2
		WA	0	0	0	0	0	0	5	5
		NZ	0	0	1	0	0	0	0	1
			13	23	24	0	0	0	5	65
	LUNG (LEFT)	QLD	2	0	0	0	0	0	0	2
		VIC	0	0	2	0	0	0	0	2
			2	0	2	0	0	0	0	4
	LUNG (RIGHT)	QLD	0	1	0	0	0	0	0	1
			0	1	0	0	0	0	0	1
	PANCREAS	QLD	1	0	0	0	0	0	0	1
		NSW	0	19	0	0	0	0	0	19
		VIC	0	0	6	0	0	0	0	6
			1	19	6	0	0	0	0	26

TOTAL			174	246	195	2	62	0	36	715

OUTCOME OF ORGANS RETRIEVED IN AUSTRALIA 1-JAN-91 to 31-DEC-97

YEAR	OUTCOME	(L)		(R)		HEART	(L)		(R)		PANC REAS	CORNEA	BONE	HEART VALVES	TOTAL
		KIDNEYS	LIVER	LIVER	LIVER		LUNG	LUNG							
1991	EN BLOC	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	NOT USED	3	0	0	0	0	0	3	3	0	1	0	0	0	10
	RESEARCH	0	3	0	0	0	0	0	0	16	1	0	0	0	20
	STORED	0	0	0	0	0	0	0	0	0	22	19	28	69	
	TRANSPLANTED	395	101	1	1	108	21	10	6	8	171	0	1	823	
	UNKNOWN	0	0	0	0	0	0	0	0	0	14	0	0	14	
	UNUSEABLE	4	6	0	0	0	0	0	0	0	25	0	0	35	
		403	110	1	1	108	21	13	9	24	234	19	29	972	
1992	EN BLOC	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	NOT USED	2	4	0	0	0	0	1	3	1	3	0	2	16	
	RESEARCH	0	5	0	0	0	0	0	0	8	0	0	0	13	
	STORED	0	0	0	0	0	0	0	0	2	22	18	31	73	
	TRANSPLANTED	401	114	0	0	119	23	13	12	10	200	0	0	892	
	UNKNOWN	0	0	0	0	0	0	0	0	0	2	0	0	2	
	UNUSEABLE	15	1	0	0	0	1	0	0	0	30	1	0	48	
		420	124	0	0	119	24	14	15	21	257	19	33	1046	
1993	EN BLOC	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	NOT USED	5	1	0	5	0	0	1	1	0	4	0	1	18	
	RESEARCH	1	2	1	0	0	0	0	0	8	11	3	0	26	
	STORED	0	0	0	0	0	0	0	0	0	12	23	28	63	
	TRANSPLANTED	393	105	5	1	115	47	13	11	11	224	0	2	927	
	UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	2	2	
	UNUSEABLE	24	4	0	0	1	0	1	0	1	17	0	0	48	
		424	112	6	6	116	47	15	12	20	268	26	33	1085	
1994	EN BLOC	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	NOT USED	4	1	0	4	0	0	0	2	0	10	0	0	21	
	RESEARCH	0	2	0	0	0	1	0	0	2	4	2	0	11	
	STORED	0	0	0	0	0	0	0	0	0	42	16	29	87	
	TRANSPLANTED	335	109	6	2	103	56	11	10	15	114	0	4	765	
	UNKNOWN	0	0	0	0	0	0	0	0	0	2	0	0	2	
	UNUSEABLE	4	2	0	0	2	2	1	0	2	22	0	1	36	
		346	114	6	6	105	59	12	12	19	194	18	34	925	
1995	EN BLOC	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	NOT USED	4	2	1	6	0	2	0	1	0	2	0	0	18	
	RESEARCH	0	0	1	0	0	0	0	0	1	0	1	0	3	
	STORED	0	0	0	0	0	0	0	0	0	32	7	19	58	
	TRANSPLANTED	346	108	10	6	108	51	12	14	13	140	0	1	809	
	UNKNOWN	0	0	0	0	0	0	0	0	0	4	0	0	4	
	UNUSEABLE	8	7	0	0	3	0	2	1	0	21	0	0	42	
		361	117	12	12	111	53	14	16	14	199	8	20	937	
1996	EN BLOC	3	0	0	0	0	0	0	0	0	0	0	0	0	3
	NOT USED	6	0	1	1	0	1	3	1	0	1	0	0	14	
	RESEARCH	0	1	0	1	0	1	0	1	11	0	0	0	15	
	STORED	0	0	0	0	0	0	0	0	0	25	15	21	61	
	TRANSPLANTED	361	100	10	9	94	44	12	16	12	166	0	5	829	
	UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	
	UNUSEABLE	15	2	0	0	0	0	2	0	2	5	0	0	26	
		385	103	11	11	94	46	17	18	25	197	15	26	948	
1997	EN BLOC	2	0	0	0	0	0	0	0	0	0	0	0	0	2
	NOT USED	2	2	0	2	2	0	0	0	2	2	0	0	12	
	RESEARCH	1	0	0	0	0	0	1	0	8	4	0	0	14	
	STORED	0	0	0	0	0	0	0	0	0	48	16	32	96	
	TRANSPLANTED	355	116	9	5	93	47	20	18	16	128	0	1	808	
	UNKNOWN	0	0	0	0	0	0	0	0	0	0	0	0	0	
	UNUSEABLE	6	3	0	2	3	0	0	0	0	14	0	0	28	
		366	121	9	9	98	47	21	18	26	196	16	33	960	

DONOR AGE RELATED TO TRANSPLANTED ORGANS

RETRIEVED IN AUSTRALIA 1-JAN-89 to 31-DEC-97

TRANSPLANTED ORGAN	YEAR OF OPERATION	DONOR AGE GROUP									TOTAL
		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	
KIDNEYS	1989	7	59	117	66	72	74	42	6	0	443
	1990	12	23	109	73	68	57	29	12	0	383
	1991	3	30	96	77	66	67	42	14	0	395
	1992	6	24	98	63	79	62	56	13	0	401
	1993	5	32	88	68	64	74	49	13	0	393
	1994	6	20	91	46	54	64	33	19	2	335
	1995	6	18	76	61	64	58	43	20	0	346
	1996	6	20	71	57	71	77	47	12	0	361
	1997	4	16	64	41	71	91	40	22	6	355
			55	242	810	552	609	624	381	131	8
LIVER	1989	3	21	31	10	12	17	1	0	0	95
	1990	7	8	25	12	13	5	2	0	0	72
	1991	3	9	33	22	15	13	4	2	0	101
	1992	5	11	31	18	24	16	9	0	0	114
	1993	5	11	28	17	16	17	11	0	0	105
	1994	3	8	36	17	19	18	8	0	0	109
	1995	3	6	28	20	19	20	11	1	0	108
	1996	3	7	20	20	22	21	7	0	0	100
	1997	3	7	28	13	19	32	12	2	0	116
			35	88	260	149	159	159	65	5	0
LIVER (LEFT)	1989	0	0	1	0	0	0	0	0	0	1
	1991	0	0	0	0	1	0	0	0	0	1
	1993	0	1	1	2	0	1	0	0	0	5
	1994	0	1	4	0	1	0	0	0	0	6
	1995	1	2	4	1	1	1	0	0	0	10
	1996	0	1	5	0	3	1	0	0	0	10
	1997	0	0	1	2	5	1	0	0	0	9
			1	5	16	5	11	4	0	0	0
LIVER (RIGHT)	1989	0	0	1	0	0	0	0	0	0	1
	1991	0	0	0	0	1	0	0	0	0	1
	1993	0	0	0	0	0	1	0	0	0	1
	1994	0	0	2	0	0	0	0	0	0	2
	1995	0	0	2	1	3	0	0	0	0	6
	1996	0	0	5	0	2	2	0	0	0	9
	1997	0	0	1	1	3	0	0	0	0	5
			0	0	11	2	9	3	0	0	0
HEART	1989	1	11	35	21	20	10	0	0	0	98
	1990	0	6	37	23	25	11	0	0	0	102
	1991	0	5	38	32	15	16	2	0	0	108
	1992	4	5	42	24	25	17	2	0	0	119
	1993	0	7	33	25	21	20	9	0	0	115
	1994	1	4	37	14	16	22	8	1	0	103
	1995	2	7	29	20	22	20	8	0	0	108
	1996	1	3	22	21	22	24	1	0	0	94
	1997	0	3	20	17	21	29	3	0	0	93
			9	51	293	197	187	169	33	1	0

DONOR AGE RELATED TO TRANSPLANTED ORGANS
RETRIEVED IN AUSTRALIA 1-JAN-89 to 31-DEC-97

TRANSPLANTED ORGAN	YEAR OF OPERATION	DONOR AGE GROUP									TOTAL
		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	
LUNGS	1989	0	4	5	2	3	0	0	0	0	14
	1990	0	1	8	2	1	1	0	0	0	13
	1991	0	0	6	10	4	1	0	0	0	21
	1992	0	2	12	4	4	1	0	0	0	23
	1993	0	2	18	10	8	7	2	0	0	47
	1994	0	2	17	9	14	11	3	0	0	56
	1995	0	3	12	14	12	7	3	0	0	51
	1996	0	4	10	9	14	7	0	0	0	44
	1997	0	2	15	5	7	16	2	0	0	47
			0	20	103	65	67	51	10	0	0
LUNG (LEFT)	1990	0	0	1	1	0	0	0	0	0	2
	1991	0	0	3	4	1	2	0	0	0	10
	1992	0	0	2	3	7	1	0	0	0	13
	1993	0	1	3	4	3	1	1	0	0	13
	1994	0	0	5	3	2	1	0	0	0	11
	1995	0	0	4	3	1	3	1	0	0	12
	1996	0	1	3	1	3	4	0	0	0	12
	1997	0	1	3	3	4	7	2	0	0	20
			0	3	24	22	21	19	4	0	0
LUNG (RIGHT)	1990	0	0	0	0	1	1	0	0	0	2
	1991	0	0	2	3	0	1	0	0	0	6
	1992	0	0	3	3	5	1	0	0	0	12
	1993	0	1	4	3	2	0	1	0	0	11
	1994	0	0	5	2	2	1	0	0	0	10
	1995	0	0	4	5	1	3	1	0	0	14
	1996	0	0	2	2	4	8	0	0	0	16
	1997	0	1	2	4	4	5	2	0	0	18
			0	2	22	22	19	20	4	0	0
PANCREAS	1989	0	0	3	2	0	1	1	0	0	7
	1990	0	0	4	2	3	0	0	0	0	9
	1991	0	1	3	2	2	0	0	0	0	8
	1992	0	0	7	0	3	0	0	0	0	10
	1993	0	1	5	3	2	0	0	0	0	11
	1994	0	1	8	2	1	3	0	0	0	15
	1995	0	1	9	3	0	0	0	0	0	13
	1996	0	2	3	4	3	0	0	0	0	12
	1997	0	2	8	5	1	0	0	0	0	16
		0	8	50	23	15	4	1	0	0	101

TOTAL		100	419	1589	1037	1097	1053	498	137	8	5938

TRANSPLANTED SOLID ORGANS 1-JAN-95 to 31-DEC-97
DONOR STATE TO DESTINATION STATE

YEAR	ORGANS TRANSPLANTED	DONOR STATE	DESTINATION STATE						
			QLD	NSW	VIC	SA	WA	AUST	NZ
1995	KIDNEY	QLD	52	4	8	1	0	65	0
		NSW	6	111	6	4	0	127	0
		VIC	4	10	55	2	0	71	0
		TAS	0	1	7	0	0	8	0
		SA	0	5	3	38	0	46	0
		NT	0	0	0	1	0	1	0
		WA	0	3	0	0	25	28	0
		NZ	0	0	0	0	0	0	70
			---	---	---	---	---	---	---
			62	134	79	46	25	346	70
	LIVER	QLD	12	2	2	0	2	18	0
		NSW	9	25	4	4	2	44	0
		VIC	5	2	13	0	0	20	0
		TAS	0	0	3	0	0	3	0
		SA	3	5	3	3	1	15	0
		WA	2	1	0	0	5	8	0
		NZ	14	5	1	0	0	20	0
			---	---	---	---	---	---	---
			45	40	26	7	10	128	0
	LIVER (LEFT)	QLD	7	1	0	0	0	8	0
		SA	1	1	0	0	0	2	0
			---	---	---	---	---	---	---
			8	2	0	0	0	10	0
	LIVER (RIGHT)	QLD	6	0	0	0	0	6	0
		NZ	1	0	0	0	0	1	0
			---	---	---	---	---	---	---
			7	0	0	0	0	7	0
	HEART	QLD	18	1	2	0	0	21	0
		NSW	0	41	2	0	0	43	0
		VIC	0	0	20	0	0	20	0
		TAS	1	0	3	0	0	4	0
		SA	1	4	4	0	3	12	0
		WA	0	1	3	0	4	8	0
		NZ	0	2	3	0	0	5	7
			---	---	---	---	---	---	---
			20	49	37	0	7	113	7
	LUNGS	QLD	0	2	0	0	0	2	0
		NSW	0	22	0	0	0	22	0
		VIC	0	0	15	0	0	15	0
		TAS	0	0	1	0	0	1	0
		SA	0	3	4	0	0	7	0
		NT	0	0	1	0	0	1	0
		WA	0	0	3	0	0	3	0
		NZ	0	1	3	0	0	4	2
			---	---	---	---	---	---	---
			0	28	27	0	0	55	2
	LUNG (LEFT)	QLD	0	2	3	0	0	5	0
		NSW	0	1	2	0	0	3	0
		VIC	0	0	1	0	0	1	0
		TAS	0	0	1	0	0	1	0
		SA	0	2	0	0	0	2	0
		NZ	0	0	0	0	0	0	1
			---	---	---	---	---	---	---
			0	5	7	0	0	12	1
	LUNG (RIGHT)	QLD	0	2	3	0	0	5	0
		NSW	0	2	2	0	0	4	0
		VIC	0	0	2	0	0	2	0
		TAS	0	0	1	0	0	1	0
		SA	0	0	2	0	0	2	0
		NZ	0	0	1	0	0	1	0
			---	---	---	---	---	---	---
			0	4	11	0	0	15	0
	PANCREAS	NSW	0	11	0	0	0	11	0
		VIC	0	0	2	0	0	2	0
			---	---	---	---	---	---	---
			0	11	2	0	0	13	0
*****	TOTAL		142	273	189	53	42	699	80

TRANSPLANTED SOLID ORGANS 1-JAN-95 to 31-DEC-97
DONOR STATE TO DESTINATION STATE

YEAR	ORGANS TRANSPLANTED	DONOR STATE	DESTINATION STATE						
			QLD	NSW	VIC	SA	WA	AUST	NZ
1996	KIDNEY	QLD	58	4	3	1	2	68	0
		NSW	4	101	13	3	7	128	0
		VIC	3	12	66	5	3	89	0
		TAS	0	0	2	0	0	2	0
		SA	1	9	3	31	3	47	0
		NT	0	1	0	5	0	6	0
		WA	0	6	4	0	11	21	0
		NZ	0	1	0	0	0	1	70
			---	---	---	---	---	---	---
			66	134	91	45	26	362	70
	LIVER	QLD	12	2	1	0	1	16	0
		NSW	6	27	3	1	0	37	0
		VIC	1	4	10	2	2	19	0
		TAS	1	0	0	0	0	1	0
		SA	1	3	3	6	2	15	0
		NT	1	1	0	0	0	2	0
		WA	0	0	1	0	9	10	0
		NZ	4	10	7	0	0	21	0
			---	---	---	---	---	---	---
			26	47	25	9	14	121	0
	LIVER (LEFT)	QLD	9	0	0	0	0	9	0
		NSW	1	0	0	0	0	1	0
		NZ	2	0	0	0	0	2	0
			---	---	---	---	---	---	---
			12	0	0	0	0	12	0
	LIVER (RIGHT)	QLD	8	0	0	0	0	8	0
		NSW	1	0	0	0	0	1	0
			---	---	---	---	---	---	---
			9	0	0	0	0	9	0
	HEART	QLD	18	0	1	0	0	19	0
		NSW	3	30	2	0	0	35	0
		VIC	0	1	17	0	0	18	0
		TAS	0	0	1	0	0	1	0
		SA	3	3	7	0	2	15	0
		NT	0	1	0	0	0	1	0
		WA	0	2	1	0	2	5	0
		NZ	0	0	1	0	0	1	13
			---	---	---	---	---	---	---
			24	37	30	0	4	95	13
	LUNGS	QLD	0	1	3	0	0	4	0
		NSW	0	16	3	0	0	19	0
		VIC	0	0	7	0	0	7	0
		SA	0	6	2	0	0	8	0
		WA	0	4	2	0	0	6	0
		NZ	0	1	0	0	0	1	6
			---	---	---	---	---	---	---
			0	28	17	0	0	45	6
	LUNG (LEFT)	QLD	0	0	1	0	0	1	0
		NSW	0	3	1	0	0	4	0
		VIC	0	0	3	0	0	3	0
		TAS	0	0	1	0	0	1	0
		SA	0	1	2	0	0	3	0
		NZ	0	1	0	0	0	1	2
			---	---	---	---	---	---	---
			0	5	8	0	0	13	2
	LUNG (RIGHT)	QLD	3	0	1	0	0	4	0
		NSW	0	1	1	0	0	2	0
		VIC	0	0	4	0	0	4	0
		TAS	0	1	0	0	0	1	0
		SA	0	1	4	0	0	5	0
		NZ	0	1	0	0	0	1	0
			---	---	---	---	---	---	---
			3	4	10	0	0	17	0
	PANCREAS	NSW	0	11	0	0	0	11	0
		VIC	0	0	1	0	0	1	0
			---	---	---	---	---	---	---
			0	11	1	0	0	12	0
*****	*****		---	---	---	---	---	---	---
sum			140	266	182	54	44	686	91

TRANSPLANTED SOLID ORGANS 1-JAN-95 to 31-DEC-97

DONOR STATE TO DESTINATION STATE

YEAR	ORGANS TRANSPLANTED	DONOR STATE	DESTINATION STATE						
			QLD	NSW	VIC	SA	WA	AUST	NZ
1997	KIDNEY	QLD	65	3	3	2	1	74	0
		NSW	4	98	13	4	5	124	0
		VIC	6	13	58	3	3	83	0
		TAS	0	3	4	0	1	8	0
		SA	1	6	2	33	2	44	0
		NT	0	3	0	3	0	6	0
		WA	2	2	3	0	9	16	0
		NZ	0	2	0	0	0	2	81
			---	---	---	---	---	---	---
			78	130	83	45	21	357	81
	LIVER	QLD	18	1	0	1	2	22	0
		NSW	6	31	7	0	4	48	0
		VIC	2	2	11	0	1	16	0
		TAS	1	1	1	0	0	3	0
		SA	2	4	0	4	5	15	0
		NT	2	0	2	0	0	4	0
		WA	1	2	0	0	5	8	0
		NZ	9	5	8	0	0	22	0
			---	---	---	---	---	---	---
			41	46	29	5	17	138	0
	LIVER (LEFT)	QLD	8	0	1	0	0	9	0
			---	---	---	---	---	---	---
			8	0	1	0	0	9	0
	LIVER (RIGHT)	QLD	4	0	0	1	0	5	0
			---	---	---	---	---	---	---
			4	0	0	1	0	5	0
	HEART	QLD	18	1	2	0	0	21	0
		NSW	0	30	0	0	0	30	0
		VIC	0	3	19	0	0	22	0
		TAS	0	0	3	0	0	3	0
		SA	2	2	4	0	2	10	0
		NT	1	0	1	0	0	2	0
		WA	0	1	1	0	3	5	0
		NZ	0	1	1	0	0	2	14
			---	---	---	---	---	---	---
			21	38	31	0	5	95	14
	LUNGS	QLD	7	2	2	0	0	11	0
		NSW	1	11	1	0	0	13	0
		VIC	0	2	10	0	0	12	0
		TAS	0	0	2	0	0	2	0
		SA	0	1	3	0	0	4	0
		NT	1	0	1	0	0	2	0
		WA	0	1	2	0	0	3	0
		NZ	0	0	1	0	0	1	1
			---	---	---	---	---	---	---
			9	17	22	0	0	48	1
	LUNG (LEFT)	QLD	2	0	2	0	0	4	0
		NSW	0	6	1	0	0	7	0
		VIC	0	0	4	0	0	4	0
		SA	0	1	2	0	0	3	0
		WA	0	0	2	0	0	2	0
		NZ	0	0	0	0	0	0	1
			---	---	---	---	---	---	---
			2	7	11	0	0	20	1
	LUNG (RIGHT)	QLD	0	1	2	0	0	3	0
		NSW	0	7	1	0	0	8	0
		VIC	0	0	2	0	0	2	0
		SA	0	1	2	0	0	3	0
		WA	0	0	2	0	0	2	0
		NZ	0	0	0	0	0	0	2
			---	---	---	---	---	---	---
			0	9	9	0	0	18	2
	PANCREAS	QLD	0	1	0	0	0	1	0
		NSW	0	10	0	0	0	10	0
		VIC	0	0	5	0	0	5	0
			---	---	---	---	---	---	---
			0	11	5	0	0	16	0
*****	*****		---	---	---	---	---	---	---
sum			163	258	191	51	43	706	99

NEW ZEALAND

APPENDIX II

DONOR GENDER NUMBERS AND AGE GROUPS
NEW ZEALAND 1-JAN-93 to 31-DEC-97

YEAR	AGE GROUP	FEMALE	MALE	TOTAL
1993	00-04	1	0	1
	15-24	2	4	6
	25-34	2	2	4
	35-44	5	1	6
	45-54	6	8	14
	55-64	1	1	2
	65-74	1	0	1
			18	16
1994	00-04	0	1	1
	15-24	1	3	4
	25-34	1	7	8
	35-44	3	4	7
	45-54	5	5	10
	55-64	2	2	4
	65-74	0	1	1
			12	23
1995	05-14	2	2	4
	15-24	2	7	9
	25-34	2	4	6
	35-44	3	4	7
	45-54	2	3	5
	55-64	1	1	2
	65-74	0	2	2
			12	23
1996	05-14	2	0	2
	15-24	5	7	12
	25-34	1	2	3
	35-44	2	1	3
	45-54	4	5	9
	55-64	4	2	6
	65-74	1	0	1
			19	17
1997	05-14	3	1	4
	15-24	2	13	15
	25-34	2	1	3
	35-44	0	3	3
	45-54	5	4	9
	55-64	4	3	7
	65-74	0	1	1
			16	26

NUMBER OF DONORS FROM EACH HOSPITAL
NEW ZEALAND 1993-1997

DONOR HOSPITAL	1993	1994	1995	1996	1997	TOTAL
AUCKLAND HOSPITAL - NEW ZEALAND	7	5	9	8	13	42
CHRISTCHURCH HOSPITAL - NEW ZEALAND	5	6	1	4	6	22
DUNEDIN HOSPITAL - NEW ZEALAND	4	2	5	4	1	16
HASTINGS HOSPITAL - NEW ZEALAND	1	0	0	1	0	2
LOWER HUTT HOSPITAL - NEW ZEALAND	0	0	1	0	0	1
INVERCARGILL HOSPITAL - NEW ZEALAND	0	2	0	1	1	4
MIDDLEMORE HOSPITAL - NEW ZEALAND	3	0	2	2	5	12
NELSON HOSPITAL - NEW ZEALAND	1	2	2	0	2	7
PALMERSTON HOSPITAL - NEW ZEALAND	2	2	5	5	1	15
ROTORUA HOSPITAL - NEW ZEALAND	1	1	0	1	1	4
STARSHIP CHILDREN'S HOSPITAL - NEW ZEALAND	0	0	0	0	1	1
TARANAKI HOSPITAL - NEW ZEALAND	1	0	0	0	0	1
TAURANGA HOSPITAL - NEW ZEALAND	3	0	1	1	1	6
TIMARU HOSPITAL - NEW ZEALAND	0	0	0	0	3	3
WELLINGTON HOSPITAL - NEW ZEALAND	3	7	4	4	4	22
WANGANUI HOSPITAL - NEW ZEALAND	1	0	0	0	0	1
WHANGAREI HOSPITAL - NEW ZEALAND	0	1	1	0	2	4
WAIKATO HOSPITAL - HAMILTON - NEW ZEALAND	2	7	4	5	1	19
	34	35	35	36	42	182

CAUSE OF DONOR DEATH RELATED TO GENDER AND AGE GROUP

NEW ZEALAND 1-JAN-93 to 31-DEC-97

GENDER	CAUSE OF DEATH	OTHER CAUSES OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL
FEMALE	ASTHMA		0	1	0	0	0	0	0	0	0	1
	CEREBRAL INFARCT		0	0	0	2	1	0	0	0	0	3
	CYCLIST		0	0	0	0	0	1	1	0	0	2
	FALL		0	0	1	0	1	1	0	0	0	3
	HANGING		0	1	0	0	0	0	0	0	0	1
	HYPOXIA	CARDIAC ARREST	0	1	1	0	0	0	0	0	0	2
		SMOKE INHALATION	0	0	0	1	0	0	0	0	0	1
	INTRACRANIAL HAEM		0	0	3	3	11	20	10	2	0	49
	MOTOR BIKE ACCID		0	0	3	0	0	0	0	0	0	3
	MOTOR VEHICLE ACCID		0	1	2	2	0	0	1	0	0	6
	OTHER	OVERDOSE	0	0	1	0	0	0	0	0	0	1
	OTHER ACCIDENT	HIT BY WHEEL MOTORCROSS	0	1	0	0	0	0	0	0	0	1
	OTHER ROAD ACCID	HIT BY TRAIN	0	1	0	0	0	0	0	0	0	1
		TRAIN CRASH	0	0	1	0	0	0	0	0	0	1
	PEDESTRIAN		1	1	0	0	0	0	0	0	0	2
			1	7	12	8	13	22	12	2	0	77
MALE	CEREBRAL TUMOUR	PITUITARY (BENIGN)	0	0	0	0	0	1	0	0	0	1
	CYCLIST		0	1	1	1	0	2	0	0	0	5
	FALL		0	1	5	2	1	5	1	1	0	16
	FELONY OR CRIME	ASSAULT	0	0	1	0	0	0	0	0	0	1
	GUNSHOT		0	0	2	0	0	0	0	0	0	2
	HYPOXIA	CARDIAC ARREST	0	0	1	0	0	0	0	0	0	1
		NOT SPECIFIED	0	0	0	1	0	0	0	0	0	1
	INTRACRANIAL HAEM		0	0	2	4	9	15	6	2	0	38
	MOTOR BIKE ACCID		0	1	6	0	0	0	0	0	0	7
	MOTOR VEHICLE ACCID		0	0	15	5	2	1	2	0	0	25
	OTHER	SUICIDE-NAIL GUN	0	0	0	0	1	0	0	0	0	1
	OTHER ACCIDENT	BRANCH FELL ON HEAD	0	0	0	0	0	0	0	1	0	1
	PEDESTRIAN		1	0	1	3	0	1	0	0	0	6
			1	3	34	16	13	25	9	4	0	105

TOTAL			2	10	46	24	26	47	21	6	0	182

NEW ZEALAND 1-JAN-97 to 31-DEC-97

GENDER	CAUSE OF DEATH	OTHER CAUSES OF DEATH	00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	TOTAL
FEMALE	CYCLIST		0	0	0	0	0	1	1	0	0	2
	HANGING		0	1	0	0	0	0	0	0	0	1
	INTRACRANIAL HAEM		0	0	1	1	0	4	3	0	0	9
	MOTOR BIKE ACCID		0	0	1	0	0	0	0	0	0	1
	MOTOR VEHICLE ACCID		0	0	0	1	0	0	0	0	0	1
	OTHER ACCIDENT	HIT BY WHEEL MOTORCROSS	0	1	0	0	0	0	0	0	0	1
	OTHER ROAD ACCID	HIT BY TRAIN	0	1	0	0	0	0	0	0	0	1
			0	3	2	2	0	5	4	0	0	16
MALE	FALL		0	0	2	0	0	2	1	0	0	5
	GUNSHOT		0	0	2	0	0	0	0	0	0	2
	INTRACRANIAL HAEM		0	0	0	0	1	2	1	0	0	4
	MOTOR BIKE ACCID		0	1	3	0	0	0	0	0	0	4
	MOTOR VEHICLE ACCID		0	0	6	0	1	0	1	0	0	8
	OTHER	SUICIDE-NAIL GUN	0	0	0	0	1	0	0	0	0	1
	OTHER ACCIDENT	BRANCH FELL ON HEAD	0	0	0	0	0	0	0	1	0	1
	PEDESTRIAN		0	0	0	1	0	0	0	0	0	1
			0	1	13	1	3	4	3	1	0	26

TOTAL			0	4	15	3	3	9	7	1	0	42

OCCUPATION OF DONORS

NEW ZEALAND 1-JAN-93 to 31-DEC-97

OCCUPATION	OTHER OCCUPATION	TOTAL
-----	-----	-----
HOME DUTIES		13
INVALID PENSIONER		2
MANAGEMENT		10
PRESCHOOL CHILD		2
PRIMARY INDUSTRY		6
PROFESSIONAL		13
RETIRED		11
SKILLED BLUE COLLAR		15
SKILLED WHITE COLLAR		14
STUDENT		24
TRADESPERSON		21
UNEMPLOYED		9
UNKNOWN		27
UNSKILLED BLUE COLLAR		12
UNSKILLED WHITE COLLAR		3

		182

NEW ZEALAND 1-JAN-97 to 31-DEC-97

OCCUPATION	OTHER OCCUPATION	TOTAL
-----	-----	-----
HOME DUTIES		1
INVALID PENSIONER		1
MANAGEMENT		1
PRIMARY INDUSTRY		2
PROFESSIONAL		3
RETIRED		1
SKILLED WHITE COLLAR		3
STUDENT		6
TRADESPERSON		9
UNEMPLOYED		3
UNKNOWN		8
UNSKILLED BLUE COLLAR		3
UNSKILLED WHITE COLLAR		1

		42

CONSENT SOUGHT

NEW ZEALAND 1-JAN-93 to 31-DEC-97

SOUGHT BY	TOTAL
-----	-----
ICU CLINICIAN	17
ICU REGISTRAR	3
RENAL PHYSICIAN	3
SURGEON	2
VOLUNTEERED	9

	34
ICU CLINICIAN	17
ICU REGISTRAR	1
RENAL PHYSICIAN	3
SURGEON	1
VOLUNTEERED	13

	35
ICU CLINICIAN	17
ICU REGISTRAR	1
PHYSICIAN	1
RENAL PHYSICIAN	1
VOLUNTEERED	14
NURSING STAFF	1

	35
ICU CLINICIAN	20
ICU REGISTRAR	1
ANAESTHETIST	2
RENAL PHYSICIAN	3
RENAL REGISTRAR	1
SURGEON	1
VOLUNTEERED	8

	36
ICU CLINICIAN	26
ICU REGISTRAR	1
ANAESTHETIST	4
RENAL PHYSICIAN	1
SURGEON	2
VOLUNTEERED	7
NURSING STAFF	1

	42

ORGANS REQUESTED

NEW ZEALAND 1-JAN-93 to 31-DEC-97

YEAR	ORGANS REQUESTED	TOTAL
1993	KIDNEYS	34
	LIVER	23
	HEART	27
	LUNGS	7
	CORNEA	22
	PANCREAS	3
	BONE	6
	HEART VALVES	17

		139
1994	KIDNEYS	35
	LIVER	25
	HEART	25
	LUNGS	16
	CORNEA	24
	PANCREAS	1
	BONE	9
	HEART VALVES	12

		147
1995	KIDNEYS	35
	LIVER	24
	HEART	26
	LUNGS	14
	CORNEA	23
	PANCREAS	4
	BONE	8
	HEART VALVES	11

		145
1996	KIDNEYS	36
	LIVER	29
	HEART	31
	LUNGS	23
	CORNEA	15
	PANCREAS	8
	BONE	10
	HEART VALVES	16

		168
1997	KIDNEYS	42
	LIVER	35
	HEART	34
	LUNGS	31
	CORNEA	21
	PANCREAS	6
	BONE	14
	HEART VALVES	18

		201

ORGAN CONSENT OBTAINED

NEW ZEALAND 1-JAN-93 to 31-DEC-97

YEAR	CONSENT OBTAINED	TOTAL
-----	-----	-----
1993	KIDNEYS	34
	LIVER	22
	HEART	25
	LUNGS	6
	CORNEA	19
	PANCREAS	2
	BONE	4
	HEART VALVES	17

		129
1994	KIDNEYS	35
	LIVER	25
	HEART	22
	LUNGS	15
	CORNEA	21
	PANCREAS	1
	BONE	9
	HEART VALVES	12

		140
1995	KIDNEYS	35
	LIVER	24
	HEART	26
	LUNGS	14
	CORNEA	19
	PANCREAS	4
	BONE	8
	HEART VALVES	11

		141
1996	KIDNEYS	36
	LIVER	29
	HEART	31
	LUNGS	23
	CORNEA	13
	PANCREAS	8
	BONE	10
	HEART VALVES	16

		166
1997	KIDNEYS	42
	LIVER	34
	HEART	33
	LUNGS	30
	CORNEA	18
	PANCREAS	4
	BONE	11
	HEART VALVES	18

		190

ORGAN CONSENTS

NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGAN CONSENTS	TOTAL

KIDNEYS/	19
KIDNEYS/CORNEAS/	10
KIDNEYS/HEART VALVES/	1
KIDNEYS/HEART/CORNEAS/BONES/HEART VALVES/SPLEEN/	1
KIDNEYS/HEART/CORNEAS/HEART VALVES/	2
KIDNEYS/HEART/HEART VALVES/	4
KIDNEYS/HEART/LUNGS/	1
KIDNEYS/HEART/LUNGS/CORNEAS/	1
KIDNEYS/HEART/LUNGS/CORNEAS/BONES/HEART VALVES/	2
KIDNEYS/HEART/LUNGS/HEART VALVES/	1
KIDNEYS/HEART/LUNGS/PANCREAS/CORNEAS/BONES/	1
KIDNEYS/HEART/LUNGS/PANCREAS/CORNEAS/HEART VALVES/	1
KIDNEYS/HEART/PANCREAS/BONES/	1
KIDNEYS/HEART/PANCREAS/CORNEAS/BONES/	1
KIDNEYS/HEART/PANCREAS/HEART VALVES/SPLEEN/	1
KIDNEYS/LIVER/	5
KIDNEYS/LIVER/BONES/	1
KIDNEYS/LIVER/CORNEAS/	3
KIDNEYS/LIVER/CORNEAS/HEART VALVES/	1
KIDNEYS/LIVER/HEART VALVES/	1
KIDNEYS/LIVER/HEART/	5
KIDNEYS/LIVER/HEART/BONES/	1
KIDNEYS/LIVER/HEART/BONES/HEART VALVES/	1
KIDNEYS/LIVER/HEART/CORNEAS/	9
KIDNEYS/LIVER/HEART/CORNEAS/BONES/	1
KIDNEYS/LIVER/HEART/CORNEAS/BONES/HEART VALVES/	4
KIDNEYS/LIVER/HEART/CORNEAS/BONES/SPLEEN/	1
KIDNEYS/LIVER/HEART/CORNEAS/HEART VALVES/	8
KIDNEYS/LIVER/HEART/HEART VALVES/	13
KIDNEYS/LIVER/HEART/LUNGS/	16
KIDNEYS/LIVER/HEART/LUNGS/BONES/	2
KIDNEYS/LIVER/HEART/LUNGS/BONES/HEART VALVES/	1
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/	12
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/BONES/	7
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/BONES/HEART VALVES/	3
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/HEART VALVES/	8
KIDNEYS/LIVER/HEART/LUNGS/HEART VALVES/	14
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/BONES/	4
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/	3
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/HEART VALVES/	6
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/HEART VALVES/	1
KIDNEYS/LIVER/LUNGS/CORNEAS/	2
KIDNEYS/LIVER/LUNGS/CORNEAS/BONES/	1
KIDNEYS/LUNGS/CORNEAS/	1

	182

NEW ZEALAND 1-JAN-97 to 31-DEC-97

ORGAN CONSENTS	TOTAL

KIDNEYS/	4
KIDNEYS/CORNEAS/	2
KIDNEYS/HEART/LUNGS/CORNEAS/BONES/HEART VALVES/	1
KIDNEYS/HEART/LUNGS/HEART VALVES/	1
KIDNEYS/LIVER/	2
KIDNEYS/LIVER/HEART VALVES/	1
KIDNEYS/LIVER/HEART/	1
KIDNEYS/LIVER/HEART/BONES/	1
KIDNEYS/LIVER/HEART/CORNEAS/HEART VALVES/	1
KIDNEYS/LIVER/HEART/LUNGS/	5
KIDNEYS/LIVER/HEART/LUNGS/BONES/HEART VALVES/	1
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/	5
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/BONES/	3
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/BONES/HEART VALVES/	1
KIDNEYS/LIVER/HEART/LUNGS/CORNEAS/HEART VALVES/	2
KIDNEYS/LIVER/HEART/LUNGS/HEART VALVES/	7
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/BONES/	1
KIDNEYS/LIVER/HEART/LUNGS/PANCREAS/CORNEAS/BONES/HEART VALVES/	3

	42

REASON ORGANS NOT REQUESTED
NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGANS NOT REQUESTED	REASON NOT REQUESTED	TOTAL
LIVER	DISEASE OF ORGAN	4
	TRAUMA TO ORGAN	5
	AGE OF DONOR	10
	PRIOR FAMILY REQUEST	3
	DONOR REFUSAL	1
	STAFF OVERSIGHT	1
	HIGH LFT-CAUSE UNKNOWN	1
	LOGISTICS	6
	MEDICALLY UNSUITABLE	2
	NO SUITABLE RECIPIENT	8
	FAMILY REFUSAL	5

		46
HEART	DISEASE OF ORGAN	3
	TRAUMA TO ORGAN	2
	AGE OF DONOR	18
	PRIOR FAMILY REQUEST	5
	DONOR REFUSAL	1
	LOGISTICS	1
	NO SUITABLE RECIPIENT	2
	FAMILY REFUSAL	7

	39	
LUNGS	DISEASE OF ORGAN	8
	TRAUMA TO ORGAN	30
	AGE OF DONOR	15
	PRIOR FAMILY REQUEST	4
	DONOR REFUSAL	1
	STAFF OVERSIGHT	1
	LOGISTICS	5
	MEDICALLY UNSTABLE	1
	MEDICALLY UNSUITABLE	4
	NO RECIPIENTS	1
	NO SUITABLE RECIPIENT	13
	NOT REQUIRED	1
	SMOKING HISTORY	1
	FAMILY REFUSAL	6

	91	
PANCREAS	AGE OF DONOR	3
	PRIOR FAMILY REQUEST	8
	DONOR REFUSAL	1
	STAFF OVERSIGHT	2
	LOGISTICS	3
	NO TRANSPLANT UNIT	109
	NOT REQUIRED	26
	FAMILY REFUSAL	8

	160	
CORNEA	TRAUMA TO ORGAN	2
	AGE OF DONOR	1
	PRIOR FAMILY REQUEST	29
	DONOR REFUSAL	1
	STAFF OVERSIGHT	1
	STAFF RELUCTANCE	4
	LOGISTICS	2
	NO SUITABLE RECIPIENT	1
	NOT REQUIRED	14
	STAFF UNAVAILABLE	1
	UNKNOWN	2
FAMILY REFUSAL	19	

	77	

REASON ORGANS NOT REQUESTED
NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGANS NOT REQUESTED	REASON NOT REQUESTED	TOTAL
BONE	AGE OF DONOR	15
	PRIOR FAMILY REQUEST	13
	DONOR REFUSAL	1
	STAFF OVERSIGHT	2
	STAFF RELUCTANCE	2
	HEREDITARY BONE DISEASE	1
	LOGISTICS	2
	NO TRANSPLANT UNIT	9
	NOT REQUIRED	77
	UNKNOWN	1
	FAMILY REFUSAL	12

		135

NEW ZEALAND 1-JAN-97 to 31-DEC-97

ORGANS NOT REQUESTED	REASON NOT REQUESTED	TOTAL
LIVER	DISEASE OF ORGAN	2
	AGE OF DONOR	1
	PRIOR FAMILY REQUEST	2
	DONOR REFUSAL	1
	NO SUITABLE RECIPIENT	1

		7
HEART	DISEASE OF ORGAN	1
	AGE OF DONOR	2
	PRIOR FAMILY REQUEST	3
	DONOR REFUSAL	1
	NO SUITABLE RECIPIENT	1

		8
LUNGS	TRAUMA TO ORGAN	3
	AGE OF DONOR	1
	PRIOR FAMILY REQUEST	3
	DONOR REFUSAL	1
	MEDICALLY UNSUITABLE	2
	NO SUITABLE RECIPIENT	1

		11
PANCREAS	PRIOR FAMILY REQUEST	7
	DONOR REFUSAL	1
	STAFF OVERSIGHT	1
	LOGISTICS	3
	NO TRANSPLANT UNIT	16
	NOT REQUIRED	4
	FAMILY REFUSAL	4

		36
CORNEA	PRIOR FAMILY REQUEST	10
	DONOR REFUSAL	1
	NOT REQUIRED	3
	FAMILY REFUSAL	7

		21
BONE	AGE OF DONOR	2
	PRIOR FAMILY REQUEST	7
	DONOR REFUSAL	1
	NOT REQUIRED	13
	FAMILY REFUSAL	5

		28

ORGANS RETRIEVED

NEW ZEALAND 1-JAN-93 to 31-DEC-97

YEAR	ORGANS RETRIEVED	TOTAL
-----	-----	-----
1993	KIDNEYS LIVER HEART LUNGS PANCREAS CORNEA BONE HEART VALVES	68 17 8 1 1 16 3 16
		----- 130
1994	KIDNEYS LIVER HEART LUNGS CORNEA BONE HEART VALVES	68 22 10 4 16 6 11
		----- 137
1995	KIDNEYS LIVER HEART LUNGS PANCREAS CORNEA CORNEA (LEFT) BONE HEART VALVES	70 22 12 8 4 14 2 7 11
		----- 150
1996	KIDNEYS LIVER HEART LUNGS PANCREAS CORNEA BONE HEART VALVES	72 23 14 10 2 11 6 16
		----- 154
1997	KIDNEYS LIVER HEART LUNGS PANCREAS CORNEA CORNEA (LEFT) BONE HEART VALVES	84 22 16 5 1 15 1 6 18
		----- 168

SOLID ORGANS RETRIEVED

NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGANS RETRIEVED	TOTAL
KIDNEYS/	55
KIDNEYS/HEART/	7
KIDNEYS/HEART/LUNGS/	5
KIDNEYS/HEART/LUNGS/PANCREAS	1
KIDNEYS/HEART/PANCREAS	1
KIDNEYS/LIVER/	55
KIDNEYS/LIVER/HEART/	31
KIDNEYS/LIVER/HEART/LUNGS/	13
KIDNEYS/LIVER/HEART/PANCREAS	2
KIDNEYS/LIVER/LUNGS/	4
KIDNEYS/LIVER/PANCREAS	1
KIDNEYS/LUNGS/	4
KIDNEYS/LUNGS/PANCREAS	1
KIDNEYS/PANCREAS	2

	182

1-JAN-96 to 31-DEC-96

ORGANS RETRIEVED	TOTAL
KIDNEYS/	6
KIDNEYS/HEART/	2
KIDNEYS/HEART/LUNGS/	3
KIDNEYS/LIVER/	12
KIDNEYS/LIVER/HEART/	4
KIDNEYS/LIVER/HEART/LUNGS/	4
KIDNEYS/LIVER/HEART/PANCREAS	1
KIDNEYS/LIVER/LUNGS/	2
KIDNEYS/LUNGS/	1
KIDNEYS/PANCREAS	1

	36

1-JAN-97 to 31-DEC-97

ORGANS RETRIEVED	TOTAL
KIDNEYS/	14
KIDNEYS/HEART/	3
KIDNEYS/HEART/LUNGS/	1
KIDNEYS/LIVER/	8
KIDNEYS/LIVER/HEART/	11
KIDNEYS/LIVER/HEART/LUNGS/	1
KIDNEYS/LIVER/LUNGS/	1
KIDNEYS/LIVER/PANCREAS	1
KIDNEYS/LUNGS/	2

	42

REASON ORGANS NOT RETRIEVED
NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	TOTAL
-----	-----	-----
KIDNEY (RIGHT)	DISEASE OF ORGAN	1
	FAMILY AGREED ONE KIDNEY	1
		----- 2
LIVER	NO SUITABLE RECIPIENT	9
	DISEASE OF ORGAN	5
	INOTROPIC SUPPORT	1
	LOGISTICS	7
	DONOR UNSTABLE	1
	FATTY LIVER	1
	MEDICALLY UNSUITABLE	3
	AGE OF DONOR	1
		----- 28
HEART	NO SUITABLE RECIPIENT	29
	DISEASE OF ORGAN	8
	TRAUMA TO ORGAN	11
	HYPOTENSION	1
	ECG	6
	LOGISTICS	5
	ABNORMAL ECHO	2
	DONOR UNSTABLE	1
	HIGH CVP	1
	MEDICALLY UNSUITABLE	1
	POSITIVE XMATCH RECIPIENT	1
	AGE OF DONOR	11
LUNGS	NO SUITABLE RECIPIENT	15
	DISEASE OF ORGAN	5
	TRAUMA TO ORGAN	15
	ABG	14
	CHEST XRAY	1
	LOGISTICS	4
	INCOMPATIBLE SIZE	1
	MEDICALLY UNSUITABLE	1
	SMOKING HISTORY	3
	AGE OF DONOR	1
PANCREAS	LOGISTICS	2
	NO PERMISSION RESEARCH	1
	NO TRANSPLANT UNIT	7
	NOT REQUIRED RESEARCH	1
		----- 11
CORNEA	NO SUITABLE RECIPIENT	5
	LOGISTICS	6
	NOT REQUIRED	4
		----- 15
CORNEA (RIGHT)	TRAUMA TO ORGAN	3
		----- 3
BONE	NO SUITABLE RECIPIENT	2
	MALIGNANCY	1
	LOGISTICS	4
	NOT REQUIRED	6
	AGE OF DONOR	1
		----- 14

REASON ORGANS NOT RETRIEVED
NEW ZEALAND 1-JAN-97 to 31-DEC-97

YEAR	ORGANS NOT RETRIEVED	REASON NOT RETRIEVED	TOTAL
-----	-----	-----	-----
1997	LIVER	DISEASE OF ORGAN	4
		INOTROPIC SUPPORT	1
		LOGISTICS	4
		MEDICALLY UNSUITABLE	3

			12
	HEART	NO SUITABLE RECIPIENT	7
		DISEASE OF ORGAN	3
		TRAUMA TO ORGAN	2
		LOGISTICS	2
		ABNORMAL ECHO	2
		AGE OF DONOR	1

			17
	LUNGS	NO SUITABLE RECIPIENT	6
		DISEASE OF ORGAN	2
		TRAUMA TO ORGAN	5
		ABG	8
		CHEST XRAY	1
		LOGISTICS	3

			25
	PANCREAS	LOGISTICS	2
		NO TRANSPLANT UNIT	1

			3
	CORNEA	LOGISTICS	1
		NOT REQUIRED	1

			2
	CORNEA (RIGHT)	TRAUMA TO ORGAN	1

			1
	BONE	LOGISTICS	3
		NOT REQUIRED	2

			5
	*****		-----
	TOTAL		65

PERFUSION OF ORGANS
NEW ZEALAND 1-JAN-93 to 31-DEC-97

ORGAN	FIRST PERFUSION	OTHER	SECOND	THIRD	TOTAL
KIDNEY	COLLINS				30
	HARTMANS		COLLINS		2
	HARTMANS		ROSS		6
	HARTMANS		UW	ROSS	4
	HARTMANS		UW		164
	ROSS		UW		22
	ROSS				38
	UW		ROSS		4
	UW				92
					362
LIVER	HARTMANS		ROSS		1
	HARTMANS		UW		74
	ROSS		UW		11
	UW				20
				106	
HEART	CARDIOPLEGIA				60
					60
LUNG	CARDIOPLEGIA				3
	OTHER	BAXTER ELEC			2
	PNEUMOPLEGIA				23
					28
PANCREAS	NO WASHOUT				8
					8

NEW ZEALAND 1-JAN-97 to 31-DEC-97

ORGAN	FIRST PERFUSION	OTHER	SECOND	THIRD	TOTAL
KIDNEY	COLLINS				2
	HARTMANS		ROSS		2
	HARTMANS		UW		44
	ROSS		UW		10
	ROSS				12
	UW				14
					84
LIVER	HARTMANS		UW		16
	ROSS		UW		4
	UW				2
					22
HEART	CARDIOPLEGIA				16
					16
LUNG	PNEUMOPLEGIA				5
					5
PANCREAS	NO WASHOUT				1
					1

ORGANS RETRIEVED IN NEW ZEALAND BY RETRIEVAL STATE TEAM
1-JAN-93 to 31-DEC-97

YEAR	ORGANS RETRIEVED	DONOR COUNTRY	RETRIEVAL TEAM FROM								TOTAL
			NZ	QLD	NSW	VIC	TAS	SA	NT	WA	
1993	KIDNEYS	NZ	52	14	0	2	0	0	0	0	68
	LIVER		9	7	0	1	0	0	0	0	17
	HEART		8	0	0	0	0	0	0	0	8
	LUNGS		1	0	0	0	0	0	0	0	1
	PANCREAS		1	0	0	0	0	0	0	0	1
			71	21	0	3	0	0	0	0	95
1994	KIDNEYS	NZ	38	26	2	2	0	0	0	0	68
	LIVER		7	13	1	1	0	0	0	0	22
	HEART		9	0	0	1	0	0	0	0	10
	LUNGS		3	0	0	1	0	0	0	0	4
			57	39	3	5	0	0	0	0	104
1995	KIDNEYS	NZ	52	14	2	2	0	0	0	0	70
	LIVER		13	7	1	1	0	0	0	0	22
	HEART		8	0	2	2	0	0	0	0	12
	LUNGS		4	0	1	3	0	0	0	0	8
	PANCREAS		4	0	0	0	0	0	0	0	4
			81	21	6	8	0	0	0	0	116
1996	KIDNEYS	NZ	48	8	8	8	0	0	0	0	72
	LIVER		11	4	4	4	0	0	0	0	23
	HEART		13	0	0	1	0	0	0	0	14
	LUNGS		10	0	0	0	0	0	0	0	10
	PANCREAS		2	0	0	0	0	0	0	0	2
			84	12	12	13	0	0	0	0	121
1997	KIDNEYS	NZ	68	6	4	6	0	0	0	0	84
	LIVER		14	3	2	3	0	0	0	0	22
	HEART		15	0	0	1	0	0	0	0	16
	LUNGS		4	0	0	1	0	0	0	0	5
	PANCREAS		1	0	0	0	0	0	0	0	1
			102	9	6	11	0	0	0	0	128

OUTCOME OF ORGANS RETRIEVED IN NEW ZEALAND

1-JAN-93 to 31-DEC-97

YEAR	OUTCOME	KIDNEYS	(L) (R)		HEART	(L) (R)		PANC	CORNEA	HEART		TOTAL		
			LIVER	LIVER		LUNG	LUNG			REAS	BONE		VALVES	
1993	NOT USED	2	0	0	1	0	0	1	0	1	0	0	5	
	RESEARCH	0	0	0	0	0	0	0	1	0	0	0	1	
	STORED	0	0	0	0	0	0	0	0	29	3	16	48	
	TRANSPLANTED	64	15	1	0	8	0	1	0	1	0	0	90	
	UNUSEABLE	2	1	0	0	0	0	0	0	1	0	0	4	
		68	16	1	1	8	0	1	1	32	3	16	148	
1994	EN BLOC	1	0	0	0	0	0	0	0	0	0	0	1	
	NOT USED	0	0	0	1	0	0	2	0	0	0	0	3	
	RESEARCH	0	0	0	1	0	0	0	0	0	0	0	1	
	STORED	0	0	0	0	0	0	0	0	30	6	11	47	
	TRANSPLANTED	67	19	2	0	10	1	1	3	2	0	0	105	
UNUSEABLE	0	1	0	0	0	0	0	0	0	0	0	1		
		68	20	2	2	10	1	3	3	32	6	11	158	
1995	NOT USED	0	0	1	0	0	0	1	1	0	0	0	3	
	RESEARCH	0	0	0	0	0	0	0	4	0	0	0	4	
	STORED	0	0	0	0	0	0	0	0	30	7	11	48	
	TRANSPLANTED	70	20	0	1	12	6	1	1	0	0	0	111	
	UNUSEABLE	0	1	0	0	0	0	0	0	0	0	0	1	
		70	21	1	1	12	6	2	2	4	30	7	11	167
1996	NOT USED	1	0	0	2	0	0	0	2	0	0	0	5	
	RESEARCH	0	0	0	0	0	0	0	0	2	0	0	2	
	STORED	0	0	0	0	0	0	0	0	22	6	16	44	
	TRANSPLANTED	71	21	2	0	14	7	3	1	0	0	0	119	
		72	21	2	2	14	7	3	3	22	6	16	170	
1997	NOT USED	0	0	0	0	0	0	2	1	0	0	0	3	
	RESEARCH	0	0	0	0	0	0	0	0	1	0	0	1	
	STORED	0	0	0	0	0	0	0	0	29	6	17	52	
	TRANSPLANTED	83	22	0	0	16	2	1	2	0	2	0	128	
	UNUSEABLE	1	0	0	0	0	0	0	0	0	0	1	2	
		84	22	0	0	16	2	3	3	31	6	18	186	

DONOR AGE RELATED TO TRANSPLANTED ORGANS
RETRIEVED IN NEW ZEALAND 1-JAN-93 to 31-DEC-97

TRANSPLANTED ORGAN	YEAR OF OPERATION	YEAR OF OPERATION									TOTAL
		00-04	05-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	
KIDNEYS	1993	2	0	11	6	11	28	4	2	0	64
	1994	1	0	8	16	14	18	8	2	0	67
	1995	0	8	18	12	14	10	4	4	0	70
	1996	0	4	24	6	6	17	12	2	0	71
	1997	0	8	30	6	6	17	14	2	0	83
			3	20	91	46	51	90	42	12	0
LIVER	1993	1	0	3	2	2	7	0	0	0	15
	1994	1	0	4	4	5	5	0	0	0	19
	1995	0	2	7	2	4	4	1	0	0	20
	1996	0	0	10	1	0	6	4	0	0	21
	1997	0	4	8	3	1	3	3	0	0	22
			2	6	32	12	12	25	8	0	0
LIVER (LEFT)	1993	0	0	0	0	0	1	0	0	0	1
	1994	0	0	0	1	1	0	0	0	0	2
	1996	0	1	0	0	1	0	0	0	0	2
		0	1	0	1	2	1	0	0	0	5
LIVER (RIGHT)	1995	0	0	0	0	1	0	0	0	0	1
		0	0	0	0	1	0	0	0	0	1
HEART	1993	0	0	2	1	2	3	0	0	0	8
	1994	0	0	1	5	2	2	0	0	0	10
	1995	0	1	4	1	6	0	0	0	0	12
	1996	0	0	6	1	2	5	0	0	0	14
	1997	0	0	10	3	0	3	0	0	0	16
			0	1	23	11	12	13	0	0	0
LUNGS	1994	0	0	0	0	1	0	0	0	0	1
	1995	0	0	2	0	3	1	0	0	0	6
	1996	0	0	2	0	1	3	1	0	0	7
	1997	0	1	1	0	0	0	0	0	0	2
			0	1	5	0	5	4	1	0	0
LUNG (LEFT)	1994	0	0	1	0	0	0	0	0	0	1
	1995	0	0	1	0	0	0	0	0	0	1
	1996	0	0	1	0	0	2	0	0	0	3
	1997	0	0	0	0	1	0	0	0	0	1
			0	0	3	0	1	2	0	0	0
LUNG (RIGHT)	1993	0	0	0	0	0	1	0	0	0	1
	1994	0	0	1	2	0	0	0	0	0	3
	1995	0	0	1	0	0	0	0	0	0	1
	1996	0	0	0	0	0	1	0	0	0	1
	1997	0	0	1	0	0	1	0	0	0	2
			0	0	3	2	0	3	0	0	0
		5	29	157	72	84	138	51	12	0	548

TRANSPLANTED SOLID ORGANS 1-JAN-95 to 31-DEC-97
DONOR STATE TO DESTINATION STATE

YEAR	ORGANS TRANSPLANTED	DONOR STATE	DESTINATION STATE						
			QLD	NSW	VIC	SA	WA	AUST	NZ
1996	KIDNEY	QLD	58	4	3	1	2	68	0
		NSW	4	101	13	3	7	128	0
		VIC	3	12	66	5	3	89	0
		TAS	0	0	2	0	0	2	0
		SA	1	9	3	31	3	47	0
		NT	0	1	0	5	0	6	0
		WA	0	6	4	0	11	21	0
		NZ	0	1	0	0	0	1	70
			---	---	---	---	---	---	---
			66	134	91	45	26	362	70
	LIVER	QLD	12	2	1	0	1	16	0
		NSW	6	27	3	1	0	37	0
		VIC	1	4	10	2	2	19	0
		TAS	1	0	0	0	0	1	0
		SA	1	3	3	6	2	15	0
		NT	1	1	0	0	0	2	0
		WA	0	0	1	0	9	10	0
		NZ	4	10	7	0	0	21	0
			---	---	---	---	---	---	---
			26	47	25	9	14	121	0
	LIVER (LEFT)	QLD	9	0	0	0	0	9	0
		NSW	1	0	0	0	0	1	0
		NZ	2	0	0	0	0	2	0
			---	---	---	---	---	---	---
			12	0	0	0	0	12	0
	LIVER (RIGHT)	QLD	8	0	0	0	0	8	0
		NSW	1	0	0	0	0	1	0
			---	---	---	---	---	---	---
			9	0	0	0	0	9	0
	HEART	QLD	18	0	1	0	0	19	0
		NSW	3	30	2	0	0	35	0
		VIC	0	1	17	0	0	18	0
		TAS	0	0	1	0	0	1	0
		SA	3	3	7	0	2	15	0
		NT	0	1	0	0	0	1	0
		WA	0	2	1	0	2	5	0
		NZ	0	0	1	0	0	1	13
			---	---	---	---	---	---	---
			24	37	30	0	4	95	13
	LUNGS	QLD	0	1	3	0	0	4	0
		NSW	0	16	3	0	0	19	0
		VIC	0	0	7	0	0	7	0
		SA	0	6	2	0	0	8	0
		WA	0	4	2	0	0	6	0
		NZ	0	1	0	0	0	1	6
			---	---	---	---	---	---	---
			0	28	17	0	0	45	6
	LUNG (LEFT)	QLD	0	0	1	0	0	1	0
		NSW	0	3	1	0	0	4	0
		VIC	0	0	3	0	0	3	0
		TAS	0	0	1	0	0	1	0
		SA	0	1	2	0	0	3	0
		NZ	0	1	0	0	0	1	2
			---	---	---	---	---	---	---
			0	5	8	0	0	13	2
	LUNG (RIGHT)	QLD	3	0	1	0	0	4	0
		NSW	0	1	1	0	0	2	0
		VIC	0	0	4	0	0	4	0
		TAS	0	1	0	0	0	1	0
		SA	0	1	4	0	0	5	0
		NZ	0	1	0	0	0	1	0
			---	---	---	---	---	---	---
			3	4	10	0	0	17	0
	PANCREAS	NSW	0	11	0	0	0	11	0
		VIC	0	0	1	0	0	1	0
			---	---	---	---	---	---	---
			0	11	1	0	0	12	0
*****	*****		---	---	---	---	---	---	---
sum			140	266	182	54	44	686	91

TRANSPLANTED SOLID ORGANS 1-JAN-95 to 31-DEC-97
DONOR STATE TO DESTINATION STATE

YEAR	ORGANS TRANSPLANTED	DONOR STATE	DESTINATION STATE						
			QLD	NSW	VIC	SA	WA	AUST	NZ
1997	KIDNEY	QLD	65	3	3	2	1	74	0
		NSW	4	98	13	4	5	124	0
		VIC	6	13	58	3	3	83	0
		TAS	0	3	4	0	1	8	0
		SA	1	6	2	33	2	44	0
		NT	0	3	0	3	0	6	0
		WA	2	2	3	0	9	16	0
		NZ	0	2	0	0	0	2	81
				78	130	83	45	21	357
	LIVER	QLD	18	1	0	1	2	22	0
		NSW	6	31	7	0	4	48	0
		VIC	2	2	11	0	1	16	0
		TAS	1	1	1	0	0	3	0
		SA	2	4	0	4	5	15	0
		NT	2	0	2	0	0	4	0
		WA	1	2	0	0	5	8	0
		NZ	9	5	8	0	0	22	0
				41	46	29	5	17	138
	LIVER (LEFT)	QLD	8	0	1	0	0	9	0
			8	0	1	0	0	9	0
	LIVER (RIGHT)	QLD	4	0	0	1	0	5	0
			4	0	0	1	0	5	0
	HEART	QLD	18	1	2	0	0	21	0
		NSW	0	30	0	0	0	30	0
		VIC	0	3	19	0	0	22	0
		TAS	0	0	3	0	0	3	0
		SA	2	2	4	0	2	10	0
		NT	1	0	1	0	0	2	0
		WA	0	1	1	0	3	5	0
		NZ	0	1	1	0	0	2	14
				21	38	31	0	5	95
	LUNGS	QLD	7	2	2	0	0	11	0
		NSW	1	11	1	0	0	13	0
		VIC	0	2	10	0	0	12	0
		TAS	0	0	2	0	0	2	0
		SA	0	1	3	0	0	4	0
		NT	1	0	1	0	0	2	0
		WA	0	1	2	0	0	3	0
		NZ	0	0	1	0	0	1	1
				9	17	22	0	0	48
	LUNG (LEFT)	QLD	2	0	2	0	0	4	0
		NSW	0	6	1	0	0	7	0
		VIC	0	0	4	0	0	4	0
		SA	0	1	2	0	0	3	0
		WA	0	0	2	0	0	2	0
		NZ	0	0	0	0	0	0	1
			2	7	11	0	0	20	1
	LUNG (RIGHT)	QLD	0	1	2	0	0	3	0
		NSW	0	7	1	0	0	8	0
		VIC	0	0	2	0	0	2	0
		SA	0	1	2	0	0	3	0
		WA	0	0	2	0	0	2	0
		NZ	0	0	0	0	0	0	2
			0	9	9	0	0	18	2
	PANCREAS	QLD	0	1	0	0	0	1	0
		NSW	0	10	0	0	0	10	0
		VIC	0	0	5	0	0	5	0
				0	11	5	0	0	16
*****	*****		163	258	191	51	43	706	99
sum			163	258	191	51	43	706	99