

**2012**

# Australian and New Zealand Organ Donor Registry



## Annual Report

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# Forward



We are pleased to present the 2013 report of the Australia and New Zealand Organ Donation Registry (ANZOD Registry). The Registry has been collecting and reporting on data for deceased organ donors since 1989 in Australia and 1993 in New Zealand. This report contains data for the year 2012 as well as cumulative data from each country since inception.

This report contains some innovations which have not been present in previous years. Firstly, eye and tissue donation data have been collected and reported in chapter 6 of this report. This is a considerable expansion of the previous collections which now include the whole of the eye and tissue donation sector, rather than just eyes and tissues collected from deceased solid organ donors as in the past. In addition, chapter 2 contains international comparisons on deceased organ donor rates comparing Australia and New Zealand with 40 other countries who contribute data to the International register of organ donation and transplantation. We have also included comparisons for transplants for different organs.

The Registry continues to be a collaborative effort of the Australasian Transplant Coordinators Association and the Australia and New Zealand Dialysis and Transplant Registry (ANZDATA). The Registry gratefully receives funding from the Australian Organ and Tissue Donation Authority, Kidney Health Australia and the New Zealand Ministry of Health.

The report can be accessed via our website

<http://www.anzdata.org.au>

*Graeme Russ*

Chair ANZOD Executive and Advisory Committee



# Transplant Regions and Centres

## QUEENSLAND

### ORGAN DONOR COORDINATORS

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### RENAL TRANSPLANT CENTRE

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Woolloongabba 4102

### LIVER TRANSPLANT CENTRES

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### HEART AND LUNG TRANSPLANT CENTRE

St Vincent's Hospital, Victoria Street, Darlinghurst  
2010

### AUSTRALIAN NATIONAL LIVER TRANSPLANT CENTRES

The Children's Hospital at Westmead, Hawkesbury  
Road, Westmead 2145

Royal Prince Alfred Hospital, Missenden Road,  
Camperdown 2050

### NATIONAL PANCREAS TRANSPLANT CENTRE

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### RENAL TRANSPLANT CENTRES

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Street, Westmead 2145

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Royal Children's Hospital, Flemington Road, Parkville 3052

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### **LUNG TRANSPLANT CENTRE**

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### **WA LIVER TRANSPLANTATION CENTRE**

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Nedlands WA 6009

### **RENAL TRANSPLANT CENTRES**

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Royal Perth Hospital, Wellington Street, Perth 6001  
Sir Charles Gairdner Hospital, Verdun Street,  
Nedlands 6009

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### **NEW ZEALAND LIVER TRANSPLANT UNIT (NZLTU)**

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Auckland

### **PANCREAS TRANSPLANT CENTRE**

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Auckland

### **RENAL TRANSPLANT CENTRES**

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Starship Children's Hospital, Auckland

Christchurch Hospital, Riccarton Avenue, Christchurch

Wellington Hospital, Riddiford Street, Newtown,  
Wellington

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# History of ANZOD



The Australian and New Zealand Dialysis and Transplant Registry (ANZDATA) records that the first deceased donor kidney transplant in Australia was performed (from a donor after cardiac death) in Melbourne in 1963. While systematic collection of information about transplant outcomes was established at the beginning of transplantation in Australia, there was no nation-wide collection of information about deceased organ donors until 1989.

By the mid 1980s, all states and territories had introduced near identical human tissue Acts which defined the legal criteria by which organs could be obtained from deceased and living persons as well as codifying both circulatory and neurological definitions of death. The legal criteria for brain death opened up the field of transplantation to organs and tissues other than kidneys and corneas: heart, liver, lung and kidney/pancreas transplants. With increasing awareness of transplant programs people were able to consider that donation of 'all organs and tissues' was possible in the event of their death and that numerous people could benefit should they do so. This now imposed a logistic challenge on transplant teams, often from different hospitals and in different states, to ensure that the organs were retrieved in a timely and coordinated way. In Australia co-ordination of kidney retrieval from deceased donors between 1963 and 1983 had been performed primarily by renal physicians and their reg-

istrars. The need for a central coordination contact/hub that could liaise with all organ transplant teams and the donor hospital intensive care unit became obvious. By 1983 the role of the organ donor co-ordinator was well established in the United Kingdom and the United States and Australia followed suit with a donor co-ordinator job description based on the UK model.

What is now known as the Australian and New Zealand Organ Donor Registry (ANZOD) was a joint initiative of ATCA and the ANZDATA Registry. At a 1989 ATCA meeting in Melbourne it was proposed that a database of all organ donors be established. Such a registry would provide demographic, clinical and organ distribution data on a national (and later international) scale.

Initially ATCA itself intended to establish the database but following a proposal from the Australian and New Zealand Dialysis and Transplant Registry (ANZDATA) a collaborative venture was undertaken – ATCA would provide the dataset and the data while ANZDATA would provide the data entry and analysis.

The ANZDATA Registry took on this task and the Australian and New Zealand Organ Donation (ANZOD) registry was commenced in 1989. Funding is provided by the Australia Organ and Tissue Dona-

1. DONOR NUMBER

2. WAS DONOR

3. HOSPITAL AND STATE

4. DATE OF BIRTH

5. POSTCODE OF DONOR

6. GENDER

7. HEIGHT (cms)

8. RACIAL / ETHNIC ORIGIN

9. RELIGION

10. OCCUPATION (Write in)

11. PRIMARY CAUSE OF DEATH

12. HEART BEATING Y/N

13. DONOR'S LICENCE

14. DRIVER'S LICENCE

15. SOUGHT BY (Refer Codes)

16. AUTHORITY SOUGHT FOR (Refer Codes)

17. ENROLLED WITH ORGAN DONOR REGISTRY

18. DONOR COORDINATOR CONTACT WITH DONOR FAMILY

19. CORONER'S CASE

20. AUTHORITY FOR RESEARCH ORGANS / TISSUE

21. A=Not Accessed S=Not Applicable R=Not Registered Y=Yes N=No

22. Y=Yes S=Not Applicable N=No U=Unknown

23. Other

24. FACE TO FACE TELEPHONE

25. Y=Yes N=No

26. Y=Yes N=No

27. DIABETES

28. PAST HISTORY OF TREATED HYPERTENSION

29. SMOKING

30. PAST HISTORY OF CANCER

31. BLOOD GROUP / HLA TYPING

32. HEPATITIS AND OTHER VIROLOGY

33. TERMINAL TREATMENT

34. DONOR MAINTENANCE (POST BRAIN DEATH OR PRE-DCD)

35. KIDNEY DONOR

36. LUNG DONOR

37. LIVER DONOR

38. PANGREAS DONOR

39. HEART DONOR

40. LUNG DONOR

41. LIVER DONOR

42. PANGREAS DONOR

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99. PANGREAS DONOR

100. PANGREAS DONOR



# Data Collection Form



## AUSTRALIA AND NEW ZEALAND ORGAN DONATION REGISTRY INSTRUCTIONS FOR COMPLETION OF DONOR SHEET

- DONOR NUMBER**  
State prefix, then number (eg. Q00001, N00023, V00154, W00122)  
Q=Queensland W=Western Australia  
N=New South Wales/ACT Z=New Zealand  
V=Victoria/Tasmania O=Other  
S=South Australia/NT
- DONOR - ACTUAL OR INTENDED**  
A=Actual  
A person from whom the retrieval operation is commenced for the purpose of transplantation. This includes donors who may be deemed medically unsuitable at time of surgery or after removal of organs  
B=Intended  
A person from whom authority has been given or not given, but organ donation did not proceed. (eg positive virology, cardiac arrest, further investigations discovered cancer, infection etc)  
Record reason in Section 20 or 35
- DONOR HOSPITAL AND STATE**  
Code as per ANZDATA hospital list  
(eg RMBH3, POWH2, DEZB5, RLPTB)  
If a hospital is not on the list, write on the sheet and the Registry will provide a code  
Do not use code that is used by the tissue typing laboratory for allocation
- DATE OF BIRTH**  
Two digits per box = DD.MM.YY (eg 03.04.80)
- POSTCODE**  
Postal residential address of donor. Enter 9999 if overseas resident temporarily in Australia or NZ
- GENDER**  
M=Male or F=Female
- HEIGHT**  
Enter to nearest centimetre (eg 180.5 = 181)  
If unknown enter X
- WEIGHT**  
Enter to nearest kilogram (eg 80.8 = 81)  
If unknown enter X
- RACIAL / ETHNIC ORIGIN**  
10 = Caucasoid 80 = Pacific People  
11 = Italian 81 = Indonesian  
12 = Greek 82 = Malay  
13 = Turk 83 = Filipino  
14 = Chinese 84 = Vietnamese  
20 = Aboriginal 70 = Indian  
30 = Chinese 90 = Other (Specify)  
40 = Maori 50 = Arab  
5 = Other (Specify)  
1 = Christian  
2 = Muslim  
3 = Buddhist  
4 = Hindu

## 11. OCCUPATION Write in answer

### 12. PRIMARY CAUSE OF DEATH

- 11 = Motor Vehicle Accident
  - 12 = Motor Bike Accident
  - 13 = Cyclist
  - 14 = Pedestrian
  - 15 = Other Road Accident (Specify)
  - 21 = Fall
  - 22 = Other Accident (Specify)
  - 23 = Gunshot
  - 31 = Spontaneous Subarachnoid Haemorrhage
  - 32 = Other Spontaneous Intracranial Haemorrhage
  - 33 = Cerebral Infarct
  - 34 = Hypoxia (Specify)
  - 35 = Cerebral Oedema (Specify)
  - 40 = Cerebral Tumour (Specify benign or malignant)
- If malignant—enter cancer sheet with details
- 50 = Drowning
  - 51 = Sudden Infant Death Syndrome (SIDS)
  - 52 = Hanging
  - 53 = Asphyx
  - 80 = Other (Specify)

## 13. HEART BEATING

Y=Yes or N=No

## 14. DIABETES

See Codes on form

## 15. PAST HISTORY OF TREATED HYPERTENSION

As documented in Medical Records and/or discussion with the Local Medical Officer

## 16. SMOKING

See Codes on form

## 17. PAST HISTORY OF CANCER

Y=Yes N=No U=Unknown

If Yes, please enter the separate cancer form

## 18. KEY EVENTS

Admission to Hospital—Initial admission to hospital

When a patient is transferred record admission time

If exact time is unknown place X in box

Ventilation—Time of Intubation

Withdrawal (DCD)—Date and time of withdrawal

Record time of Second Brain Death Test and

Cross Clamp of Aorta in Operating Theatre

If Brain Death NOT CERTIFIED (Donation After Cardiac Death (DCD) record time of cardiac death and commencement of adequate cold perfusion

19. LABORATORY RESULTS

Blood Group A, A1, A2, B, AB, O

(Enter subtypes A1 or A2 if known)

Do not include Rhesus Factor

Tissue Typing

If unknown or not done place X in box

20. HEPATITIS HBV sAg, HBV CORE ANTIBODY,

HCV Ab, HCV NAT (Nucleic Acid), CMV IgG,

EBV (Epstein Barr Virus), HIV Antibody,

HIV NAT

OTHER - Any other virology tests performed eg

Toxoplasmosis (Specify test in section below box)

Enter 1=Positive 2=Negative 3=Not Done

## 21. DONOR MAINTENANCE (POST BRAIN DEATH or PRE DCD)

No doses required

If maintenance drugs given post brain death

certification Enter Y=Yes or N=No

Terminal = In Intensive Care Unit (ICU)

(Immediately preceding retrieval)

Mean Arterial Blood Pressure (MAP) >50 mm Hg

Enter Y=Yes or N=No (If Yes, enter duration)

## 22. TERMINAL TREATMENT

Drugs given to the donor terminally

Enter Y=Yes or N=No

23. KIDNEY DONOR Enter Y=Yes or N=No in box

If not all information known, enter X in box

Admission = First available result

Terminal = In Intensive Care Unit (ICU)

(Immediately preceding retrieval)

Creatinine Enter as 0.08 mmol/L

Urea Enter up to three digits

Urine Output = last hour in ICU preceding transfer

to Operating Theatre

Oliguria In last 12 hours

If Yes - Enter Duration in Hours

24. LIVER DONOR Enter Y=Yes or N=No in box

Enter most recent donor values prior to retrieval

25. HEART DONOR Enter Y=Yes or N=No in box

ECG Normal Y=Yes or N=No

Echocardiogram Y=Yes or N=No

26. LUNG DONOR Enter Y=Yes or N=No in box

Enter Y=Yes or N=No

Enter last arterial blood gas

Do not use gases taken to determine brain death

Chest Trauma Enter Y=Yes or N=No in box

1=Pneumothorax 2=Chest Drain 3=Other (Specify)

27. PANCREAS DONOR Enter Y=Yes or N=No in box

28. ENROLLED WITH ORGAN DONOR REGISTRY

Enter Y=Yes

A=Not Assessed

See Codes

29. DRIVER'S LICENCE

30. AUTHORITY (Sought By Initially)

1 = Donor Coordinator

2 = ICU Consultant

3 = ICU Trainee eg Registrar

4 = Social Worker

5 = Other (Specify)

6 = Volunteer

7 = Nursing Staff

31. CONTACT WITH DONOR COORDINATOR

See Codes

32. CORONER'S CASE

See Codes

## 34. AUTHORITY SOUGHT FOR

Y=Yes or N=No (If No, specify reason)

1 = Disease of organ

2 = Trauma to organ

3 = Age of donor

4 = Prior family request

5 = Donor refusal

If authority obtained enter Y in box—if not enter N

Reason for N is not coded

## 35. ORGANS RETRIEVED

Complete only for organs where authority

obtained (if not retrieved—enter reason)

10 = No suitable recipient

11 = Disease of organ

12 = Trauma to organ

13 = Cardiac arrest

14 = Infection

15 = Malignancy

16 = Hypotension

17 = Biochemistry not available

20 = No washout (ice slush only)

31 = Citrate solution (Ross)

32 = St Thomas solution

33 = HTK

50 = Normal Saline

51 = Crystalloid cardioplegia

52 = Albumin based blood cardioplegia (pneumoplegia)

59 = Perfused

60 = Other (specify)

70 = University Wisconsin (UW)

80 = Not applicable (cornea / bone)

90 = Hartman's solution

96 = PFC (Perfluorodecalin)—UW (Islets Storage)

RETRIEVAL TEAM

Code as per ANZDATA Hospital List. See Question 3

## 36. DESTINATION

Hospital and State—

Code as per ANZDATA hospital list. See Question 3

Enter Transplant Hospital NOT Caring Hospital

OUTCOME Enter Code

T = Transplanted

E = En bloc

D = Double Adult

R = Research

S = Stored (for bone, heart valves etc)

N = Not used (Specify reason in Surname section)

U = Unusable (Specify reason in Surname section)

RECIPIENTS' SURNAME AND GIVEN NAMES

IMPORTANT for all solid organs

Not essential for tissue recipients

Updated January 2008



# Methods

## **Database:**

Data is stored on a relational database using ORACLE version 9i.

## **Statistical Methods:**

All statistical analyses were performed using STATA/IC version 13.0. StataCorp. 2013. Stata Statistical Software: Release 13. College Station, TX: StataCorp LP.

Data reported were obtained from the ANZOD 2012 database.

Australian death statistics were obtained from the Australian Bureau of Statistics, 3303.0 Causes of Death, Australia, 2011, released 15 March 2013.

New Zealand death statistics were obtained from Statistics New Zealand, Births and Deaths: Year Ended December 2012.

# Chapter 1

## *Organ Donation*



*in Australia and New Zealand*



# Overview of Organ Donation

The deceased organ donor per million population (hereinafter "dpmp") figures in Australia rose to 15.6 (dpmp) in 2012, from 15.1 (dpmp) in 2011 and 14 (dpmp) in 2010. In New Zealand, the rate remained stable at 8.6 dpmp.

Australian and New Zealand donor figures include all donors consented for organ and tissue donation who went to the operating theatre for the purpose of organ or tissue retrieval for transplantation. Of the 354 donors for 2012 for Australia, there were twelve who did not donate any organs although five of these donors still proceeded to donate tissue or eyes. In Australia, 342 actual donors in 2012 had at least one of their organs successfully transplanted ("utilised donors"). Of the twelve donors where no organs were transplanted, in six this reflects disease in organ found at the time of

surgery; three donors were discovered to have malignancies previously undiagnosed; two donors had underlying infection in their organs and one donor had organs not anatomically suitable for transplantation.

In New Zealand, four donors (of the 38 for 2012) did not have organs transplanted; three due to disease in organs and one donor with no suitable recipient. Corneas were donated from two of these donors.

In Australia, there remains considerable variation in organ donor rates between jurisdictions. In 2012, rates varied from 12 dpmp in New South Wales to 34 dpmp in the Northern Territory. The rate in the ACT was 32 dpmp when the NSW Southern Area Health Service population was excluded, but 20 dpmp when this area was included.

Figure 1.1

| <b>Number of Donors** by Retrieval State / Country <sup>(x)</sup> 2008 - 2012</b>   |                   |                   |                 |                   |                   |
|---|-------------------|-------------------|-----------------|-------------------|-------------------|
| <b>( ) Donors Per Million Population</b>  |                   |                   |                 |                   |                   |
|   | <b>2008</b>       | <b>2009</b>       | <b>2010</b>     | <b>2011</b>       | <b>2012</b>       |
| <b>Queensland</b>   | 48 (11)           | 47 (11)           | 49 (11)         | 67 (15)           | 78 (17)           |
| <b>New South Wales + *</b>  | 57 (8+) (8*)      | 68 (10+) (10*)    | 87 (12+) (13*)  | 77 (11+)          | 88 (12+) (12*)    |
| <b>ACT + *</b>  | 5 (9+) (14*)      | 8 (14+) (23*)     | 10 (17+) (28*)  | 8 (14+) (22*)     | 12 (20+) (32*)    |
| <b>Victoria</b>   | 67 (13)           | 65 (12)           | 98 (18)         | 107 (19)          | 92 (16)           |
| <b>Tasmania</b>   | 8 (16)            | 5 (10)            | 10 (20)         | 6 (12)            | 15 (29)           |
| <b>South Australia</b>  | 43 (27)           | 33 (20)           | 31 (19)         | 35 (21)           | 29 (18)           |
| <b>Northern Territory</b>   | 3 (14)            | 2 (9)             | 2 (9)           | 4 (17)            | 8 (34)            |
| <b>Western Australia</b>  | 28 (13)           | 19 (8)            | 22 (10)         | 33 (14)           | 32 (13)           |
| <b>Australia</b>  | <b>259 (12.1)</b> | <b>247 (11.3)</b> | <b>309 (14)</b> | <b>337 (15.1)</b> | <b>354 (15.6)</b> |
| <b>New Zealand</b>  | <b>31 (7.3)</b>   | <b>43 (10)</b>    | <b>41 (9.4)</b> | <b>38 (8.6)</b>   | <b>38 (8.6)</b>   |
| (x) refers to donors retrieved by retrieval State (ie, Albury-NSW donors retrieved by Victoria)<br>+ NSW population excludes residents of the NSW Southern Area Health Service (included in ACT population)<br>* NSW population includes residents of the NSW Southern Area Health Service (excluded from ACT population)<br>Medical services from the ACT service the NSW Southern Area Health Region. Population data - June ABS 3101.0 |                   |                   |                 |                   |                   |
| ** This figure relates to the number of donors for whom the retrieval operation commenced for the purpose of transplantation. It includes donors who may have been deemed medically unsuitable at the time of the surgery or after removal of organs.   |                   |                   |                 |                   |                   |

# Overview of Organ Donation

Figure 1.2

## Number of Donors Australian States 1998-2012

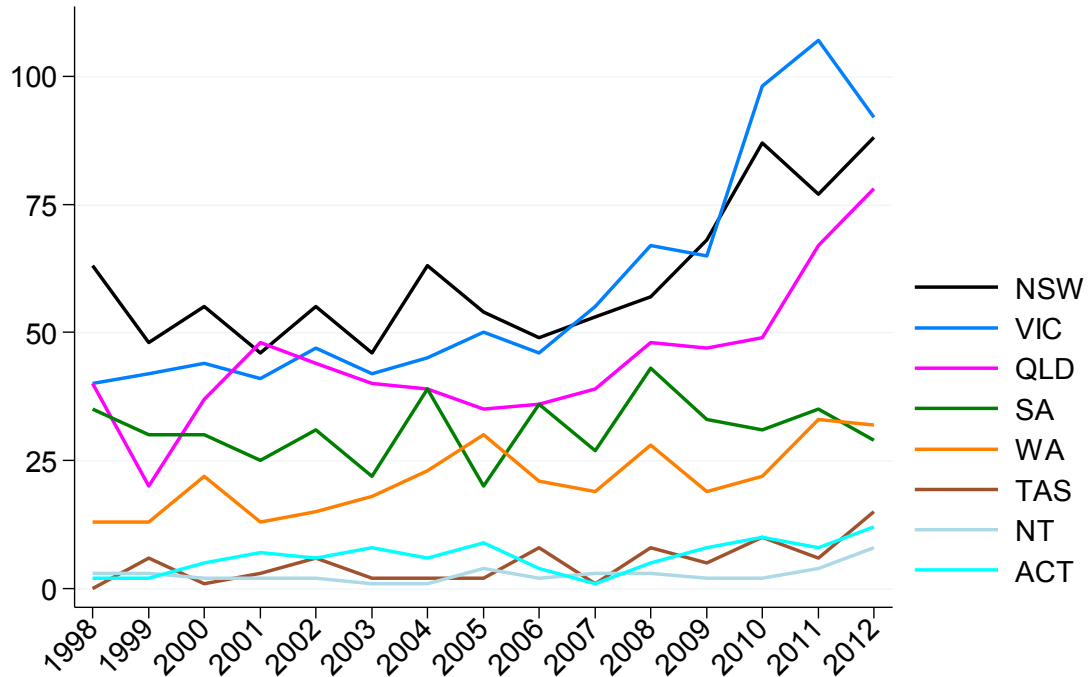
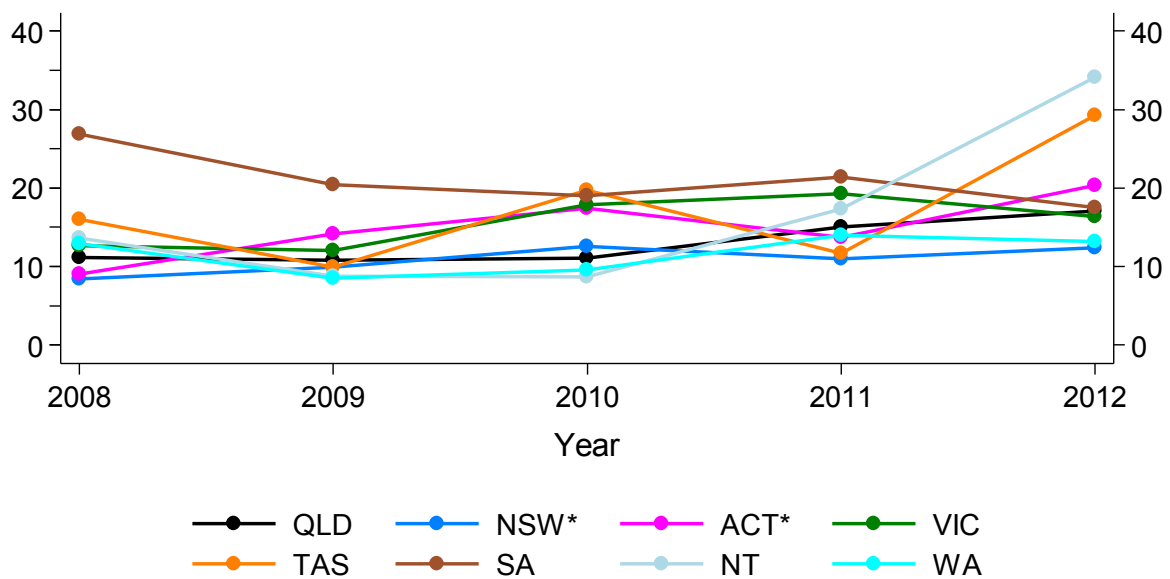


Figure 1.3

## Number of Donors Per Million Population

### Australian States 2008 - 2012



\* NSW population excludes residents of the NSW Southern Area Health Service.

\* ACT population includes residents of the NSW Southern Area Health Service.



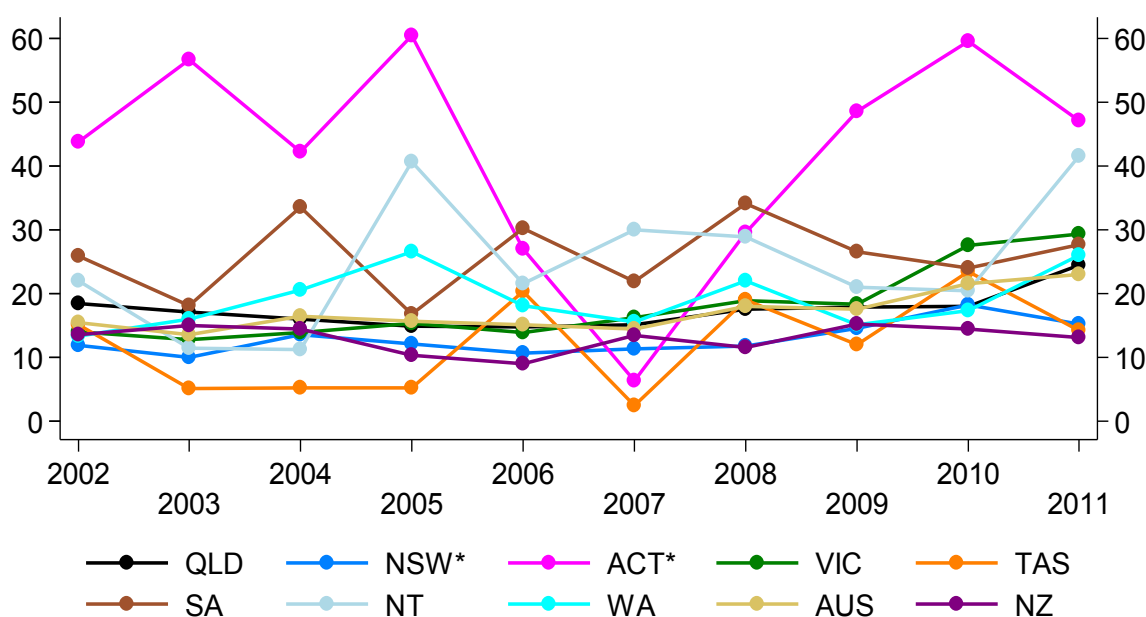
# Overview of Organ Donation

There has been a steady decline in overall death rates among most ages in Australia over recent years. In many respects, using the number of deaths as the denominator may be a more logical comparator; rates for various jurisdictions using this metric are shown in Figure 1.4 and 1.5.

Figure 1.4

## Number of Donors Per 10,000 Deaths

### Australian States 2002 - 2011



\* NSW and ACT values not adjusted for the the NSW Southern Area Health Service, as death data were not available.

Australian data on deaths 2011 was the latest release at time of this publication  
Australian Bureau of Statistics - Deaths 3303.0 and Statistics New Zealand

Figure 1.5

## Donors per 10,000 Deaths Aged < 75 years 2007 - 2011

( ) is the % Deaths < 75 years as a Proportion of all Deaths\*

| Year | QLD      | NSW      | ACT       | VIC       | TAS       | SA        | NT       | WA       | AUST     | NZ       |
|------|----------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|
| 2007 | 40 (38%) | 33 (34%) | 16 (39%)  | 49 (33%)  | 7 (36%)   | 67 (32%)  | 39 (77%) | 40 (39%) | 41 (35%) | 34 (39%) |
| 2008 | 81 (22%) | 35 (33%) | 133 (22%) | 103 (18%) | 101 (19%) | 197 (17%) | 51 (57%) | 96 (23%) | 92 (20%) | 28 (41%) |
| 2009 | 46 (39%) | 42 (34%) | 129 (38%) | 55 (33%)  | 33 (37%)  | 81 (33%)  | 27 (76%) | 39 (39%) | 50 (35%) | 39 (39%) |
| 2010 | 47 (39%) | 54 (34%) | 163 (37%) | 86 (32%)  | 66 (35%)  | 76 (32%)  | 27 (76%) | 45 (38%) | 62 (35%) | 92 (16%) |
| 2011 | 65 (38%) | 48 (32%) | 131 (36%) | 91 (32%)  | 40 (35%)  | 89 (31%)  | 55 (75%) | 68 (38%) | 67 (34%) | 81 (16%) |

\* The number of actual donors is compared to the number of deaths that are aged less than 75 years (Figure 1.5)

Australian Bureau of Statistics - Deaths 3303.0 and Statistics New Zealand

# Overview of Organ Donation

The change of organ donor rates over time is shown in Figure 1.6. Much of the increase in donor numbers has arisen from changes in rates of donors after circulatory death (DCD), demonstrated in Figure 1.7.

Figure 1.6

## Total Number of Donors, Organs and Recipients Per Million Population, Australia

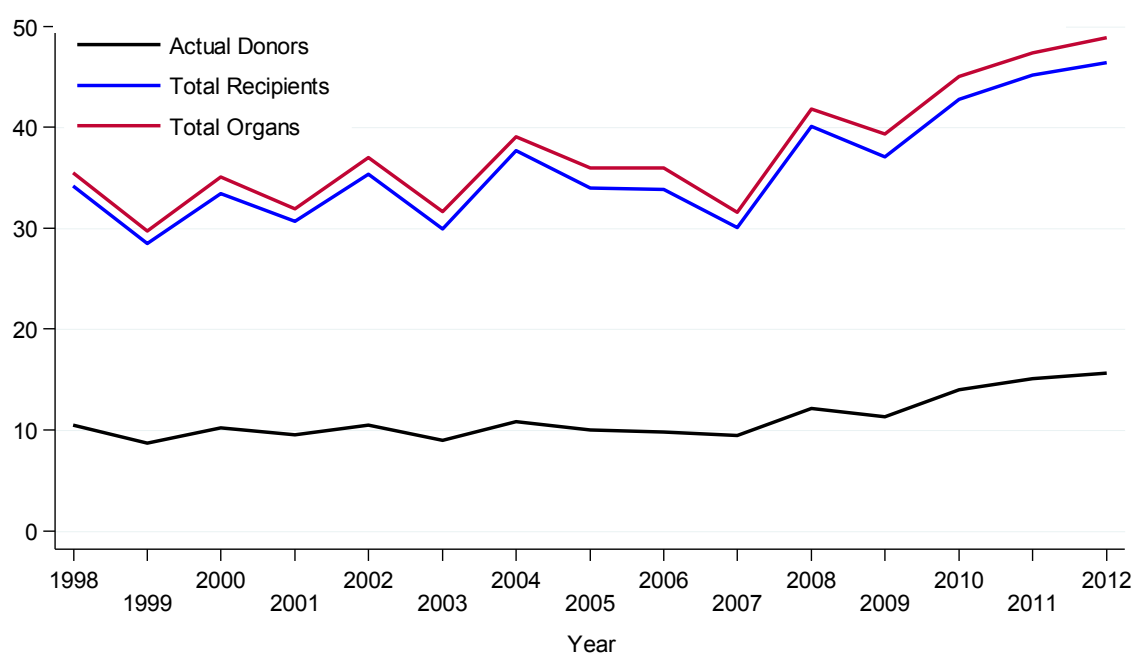
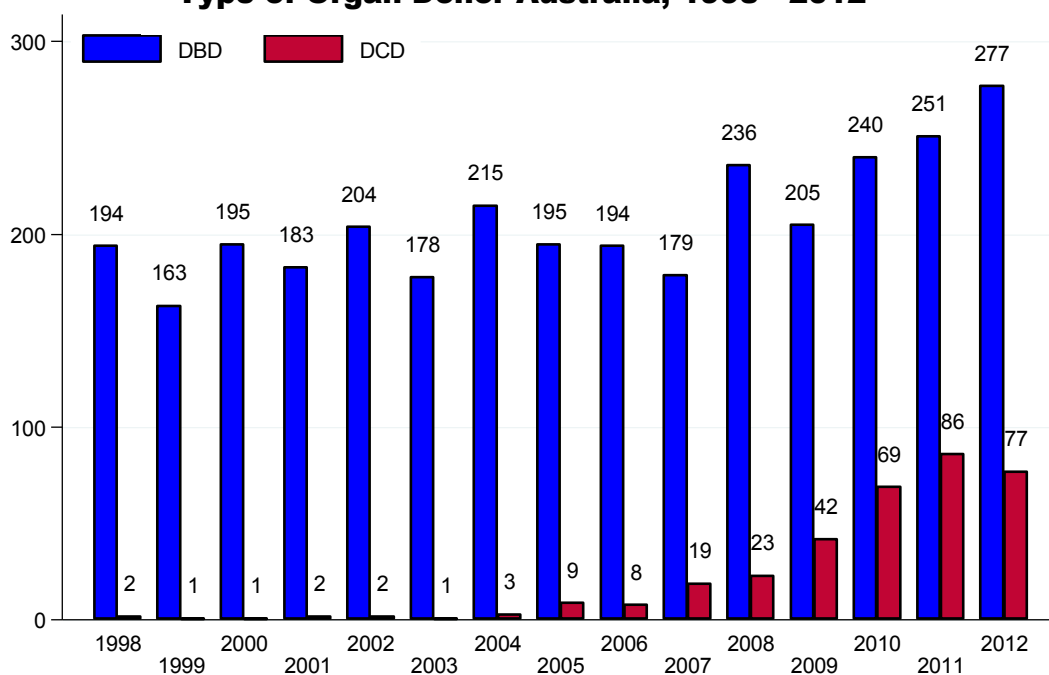


Figure 1.7

## Type of Organ Donor Australia, 1998 - 2012







# Overview of Organ Donation

**Figure 1.8**

## **Australia Overview**

|  |                    |
|--|--------------------|
| Population (million)   | 22,7               |
| Actual Deceased Organ Donors - both DBD & DCD included (pmp)                         | 354 (15.6)         |
| Kidney Tx Recipients from deceased donors - includes all combinations (pmp)          | 607 (26.8)         |
| Liver Tx Recipients from deceased donors - includes all combinations (pmp)           | 230 (10.1)         |
| Heart Tx Recipients from deceased donors - includes all combinations (pmp)           | 72 (3.2)           |
| Heart-Lung Tx Recipients from deceased donors - includes all combinations (pmp)      | 4 (0.2)            |
| Lung Tx Recipients from deceased donors - includes all combinations (pmp)            | 144 (6.3)          |
| Pancreas Tx Recipients from deceased donors - includes all combinations (pmp)        | 38 (1.7)           |
| Pancreas Islets Tx Recipients from deceased donors - includes all combinations (pmp) | 4 (0.2)            |
| Intestine Tx Recipients from deceased donors - includes all combinations (pmp)       | 1 (0.0)            |
| <b>TOTAL number of Organs Transplanted (pmp) <sup>+</sup></b>                        | <b>1110 (48.9)</b> |
| <b>TOTAL number of Transplant Recipients (pmp) <sup>^</sup></b>                      | <b>1053 (46.4)</b> |

(pmp) per million population

**Figure 1.9**

## **New Zealand Overview**

|  |                   |
|--|-------------------|
| Population (million)   | 4,4               |
| Actual deceased organ donors - both DBD & DCD included (pmp)                   | 38 (8.6)          |
| Kidney Tx Recipients from deceased donors (pmp)                                | 54 (2.4)          |
| Liver Tx Recipients from deceased donors - includes all combinations (pmp)     | 32 (1.4)          |
| Heart Tx Recipients from deceased donors - includes all combinations (pmp)     | 12 (0.5)          |
| Lung Tx Recipients from deceased donors - includes all combinations (pmp)      | 13 (0.6)          |
| Pancreas Tx Recipients from deceased donors - includes all combinations (pmp)  | 2 (0.1)           |
| Intestine Tx Recipients from deceased donors - includes all combinations (pmp) | 0 (0)             |
| <b>TOTAL number of Organs Transplanted (pmp) <sup>+</sup></b>                  | <b>113 (25.7)</b> |
| <b>TOTAL number of Transplant Recipients (pmp) <sup>^</sup></b>                | <b>110 (25.0)</b> |

(pmp) per million population

\* The total number of Recipients include all combinations of multi-organ transplants as a single count of transplantation.

<sup>^</sup> The total number of Organs transplanted differs from total number of Recipients as each organ, with the exception of double-lung, is counted as a single organ transplant.

Note: Further information on organs transplanted can be found in Chapter 5 - Organ Data.



# Overview of Organ Donation



Figure 1.10

| Number of Transplanted Organs Donated<br>by State & Country of Donation (pmp) in Australia and New Zealand |            |            |           |            |           |            |           |            |                         |                        |
|--|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------------------|------------------------|
| Organs   | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | AU                      | NZ                     |
| Kidney   | 135        | 147        | 20        | 159        | 25        | 53         | 16        | 62         | 617 <sup>^</sup> (27.2) | 54 (12.6)              |
| Liver  | 52         | 57         | 8         | 54         | 10        | 23         | 6         | 20         | 230 <sup>+</sup> (10.1) | 31 <sup>++</sup> (6.3) |
| Heart  | 17         | 16         | 2         | 13         | 4         | 8          | 2         | 10         | 72 (3.2)                | 12 (2.7)               |
| Heart/Lung   | 2          | 2          | 0         | 0          | 0         | 0          | 0         | 0          | 4 (0.2)                 | 0 (0.0)                |
| Lung   | 25         | 31         | 3         | 42         | 11        | 15         | 5         | 12         | 144 <sup>#</sup> (6.3)  | 13 (3.2)               |
| Pancreas   | 4          | 14         | 1         | 8          | 3         | 5          | 0         | 3          | 38 (1.7)                | 2 (0.7)                |
| Pancreas Islets  | 0          | 2          | 0         | 0          | 1         | 1          | 0         | 0          | 4 (0.2)                 | 0 (0.0)                |
| Intestine  | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0          | 1 (0.0)                 | 0 (0.0)                |
| <b>Total</b>   | <b>235</b> | <b>269</b> | <b>34</b> | <b>276</b> | <b>55</b> | <b>105</b> | <b>29</b> | <b>107</b> | <b>1110 (48.9)</b>      | <b>112 (25.5)</b>      |

<sup>^</sup> includes 597 single kidney, 8 double adult kidneys and 2 enbloc kidneys  
<sup>+</sup> includes 189 whole liver, 36 split liver and 5 cut down liver  
<sup>++</sup> includes 26 whole liver, 6 split liver and 2 cut down liver  
<sup>#</sup> includes 140 double lung and 4 single lung

Australia had 3.1 organs, per donor in 2012, while NZ had 2.9 organs per donor.

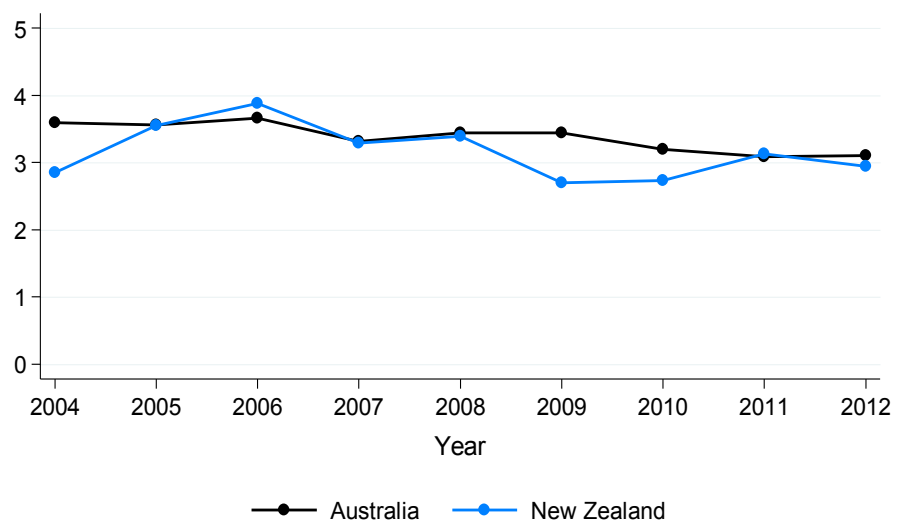
The number of organs transplanted per donor each year from 2004 - 2012 in Australia and New Zealand is shown in Figure 1.11.

The number of recipients transplanted per donor in Australia in 2012 was 3.1 and in New Zealand was 3.0.

In 2012, Tasmania had the highest number of organs transplanted with 3.7 per donor. Followed by South Australia and Northern Territory with 3.6 per donor. Australian Capital Territory had the lowest with 2.9 per donor.

Figure 1.11

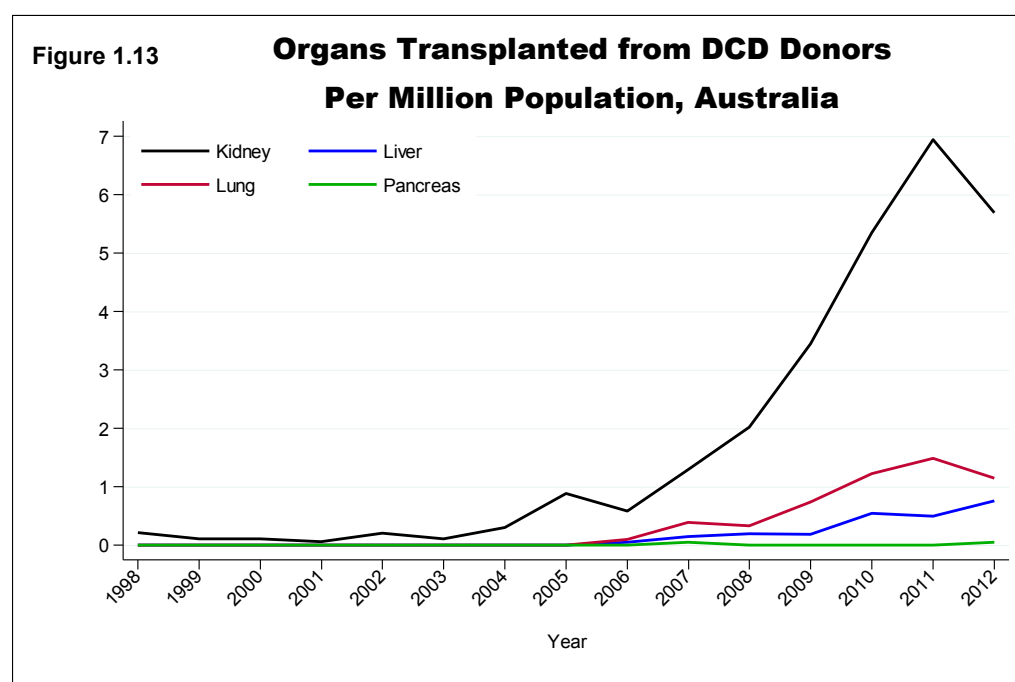
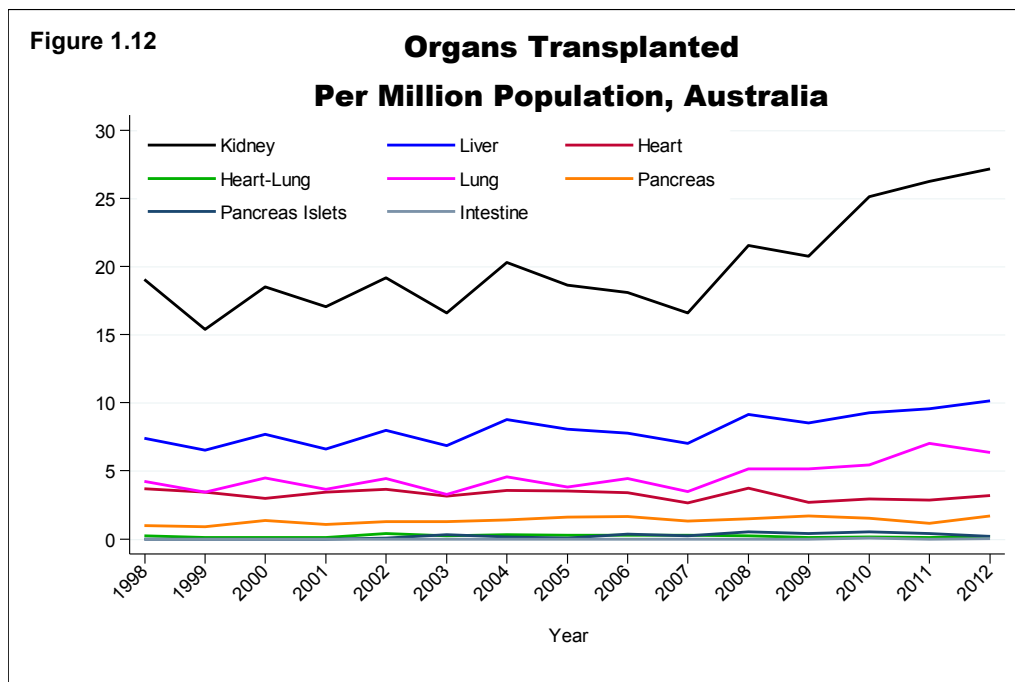
## Number of Organs Transplanted per Donor 2004 - 2012





# Overview of Organ Donation

Figure 1.12 shows the organ-specific donor rates for Australia over the period 1998 - 2012. Figure 1.13 shows the corresponding rates for donors after circulatory death. The dominant outcome of these donors is on rates of kidney donation. Effects on liver and lung numbers are lesser.



# Overview of Organ Donation

Whilst the number of deceased donors are previously shown based on the state /territory and country location in which they died, Figure 1.14 shows a more detailed breakdown by number and the proportion of donors by remoteness category within the state/territory. "Overseas" refers to donors who usually reside outside of Australia and New Zealand. The Australian Bureau of Statistics has a standardised remoteness structure known as the Accessibility/Remoteness Index of Australia (ARIA). Details are at <http://www.abs.gov.au/websitedbs/D3310114.nsf/home/remoteness+structure#Anchor2b>.

**Appendix 1** shows a more detailed breakdown of the number of donors from the donating hospitals.

**Figure 1.14**

| <b>Location of Postcodes of Deceased Donors 2008 - 2012</b> |            |            |            |            |            |            |           |            |                  |
|---|------------|------------|------------|------------|------------|------------|-----------|------------|------------------|
| <b>Postcode</b>   | <b>QLD</b> | <b>NSW</b> | <b>ACT</b> | <b>VIC</b> | <b>TAS</b> | <b>SA</b>  | <b>NT</b> | <b>WA</b>  | <b>AUST</b>      |
| <b>Metropolitan</b>   | 132 (46%)  | 267 (70%)  | 30 (70%)   | 298 (70%)  | 1 (2%)     | 116 (68%)  | 1 (5%)    | 88 (62%)   | <b>943 (62%)</b> |
| <b>Inner Regional</b>                                       | 88 (30%)   | 85 (22%)   | 9 (21%)    | 105 (25%)  | 23 (52%)   | 27 (16%)   | 1 (5%)    | 29 (22%)   | <b>367 (24%)</b> |
| <b>Outer Regional</b>                                       | 51 (18%)   | 23 (6%)    | 3 (7%)     | 18 (4%)    | 18 (41%)   | 23 (13%)   | 9 (47%)   | 9 (7%)     | <b>154 (10%)</b> |
| <b>Rural</b>  | 12 (4%)    | 1 (<1%)    | 0 (0%)     | 0 (0%)     | 1 (2%)     | 3 (2%)     | 7 (37%)   | 8 (6%)     | <b>32 (2%)</b>   |
| <b>Overseas</b>   | 6 (2%)     | 4 (1%)     | 1 (2%)     | 5 (1%)     | 1 (2%)     | 2 (1%)     | 1 (5%)    | 0 (0%)     | <b>20 (1%)</b>   |
| <b>Total</b>  | <b>289</b> | <b>380</b> | <b>43</b>  | <b>426</b> | <b>44</b>  | <b>171</b> | <b>19</b> | <b>134</b> | <b>1506</b>      |

In the last five years (2008-2012) there have been 20 deceased donors who were visitors to Australia. In 2012, there were six donors from overseas in Australia, three donated from Victoria, two from Queensland and one in New South Wales.

There were no overseas donors in New Zealand in 2012.

The Registry does not consider organs donated in Australia and transplanted in New Zealand as an overseas donor for New Zealand, nor organs donated in New Zealand and transplanted in Australia as an overseas donor for Australia.





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## ***Chapter 2***

### ***International Data***





# International comparisons

Organ donation and transplantation is a world wide practice which extends and enhances the quality of peoples lives suffering from end stage organ failure. Many countries have implemented procedures and systems to address meeting the need for transplantation. This year the Registry has expanded its reporting with greater comparisons of Australia and New Zealand to global activity and comparatively over time.

For the purpose of this comparison, data has been sourced from the International Registry in Organ Donation and Transplantation (hereinafter IRODaT). Data was sourced on October 4, 2013 from the IRODaT website [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) and represents data compiled from broad selection of the 72 world wide contributing countries over the past 4-5 years.

Data reported hereinafter on international donation and transplantation rates may differ to that reported else-

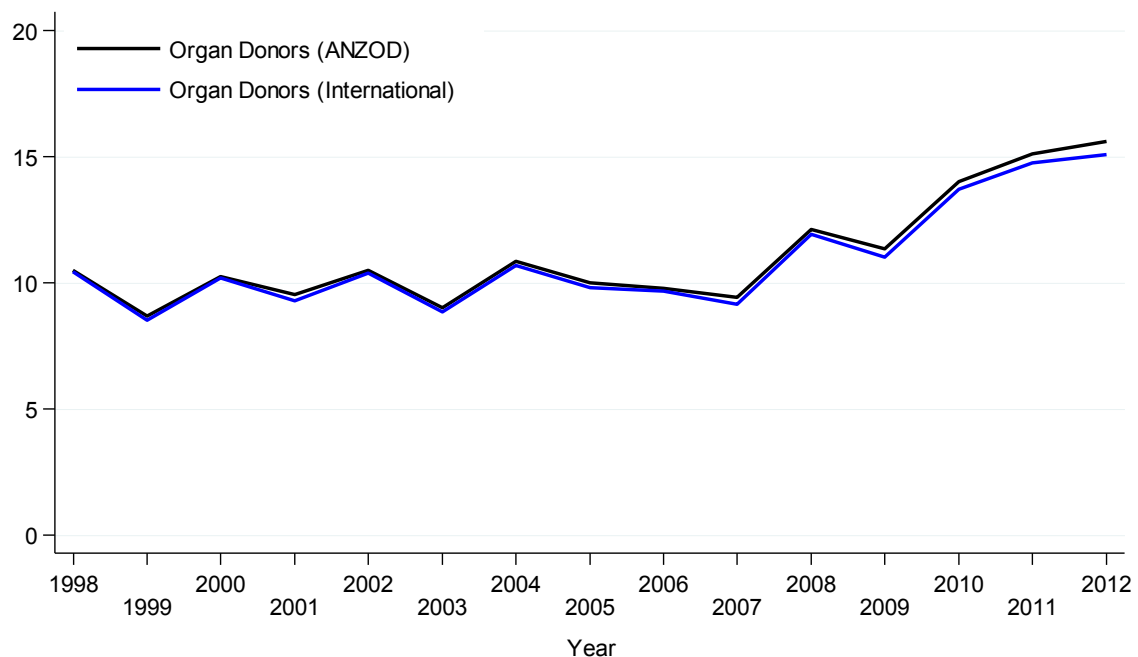
where if contributing countries have updated their final numbers subsequent to this publication.

To assist in equitable comparisons the international definition of an organ donor, used by all contributors to IRODaT, is that of an **Actual deceased organ donor is a consented eligible donor from whom at least one organ was recovered for the purpose of transplantation (World Health Organisation)**. This differs slightly to the historical data reported in previous ANZOD reports, whereby the definition used was that of an **Actual donor - a person from whom the retrieval operation is commenced for the purpose of transplantation. This includes donors who may be deemed medically unsuitable at time of surgery or after removal of organs.**

Figure 2.1 show the difference to the reported ANZOD numbers when each definition is applied.

Figure 2.1

## Organ Donors Per Million Population by Definition 1998 - 2012



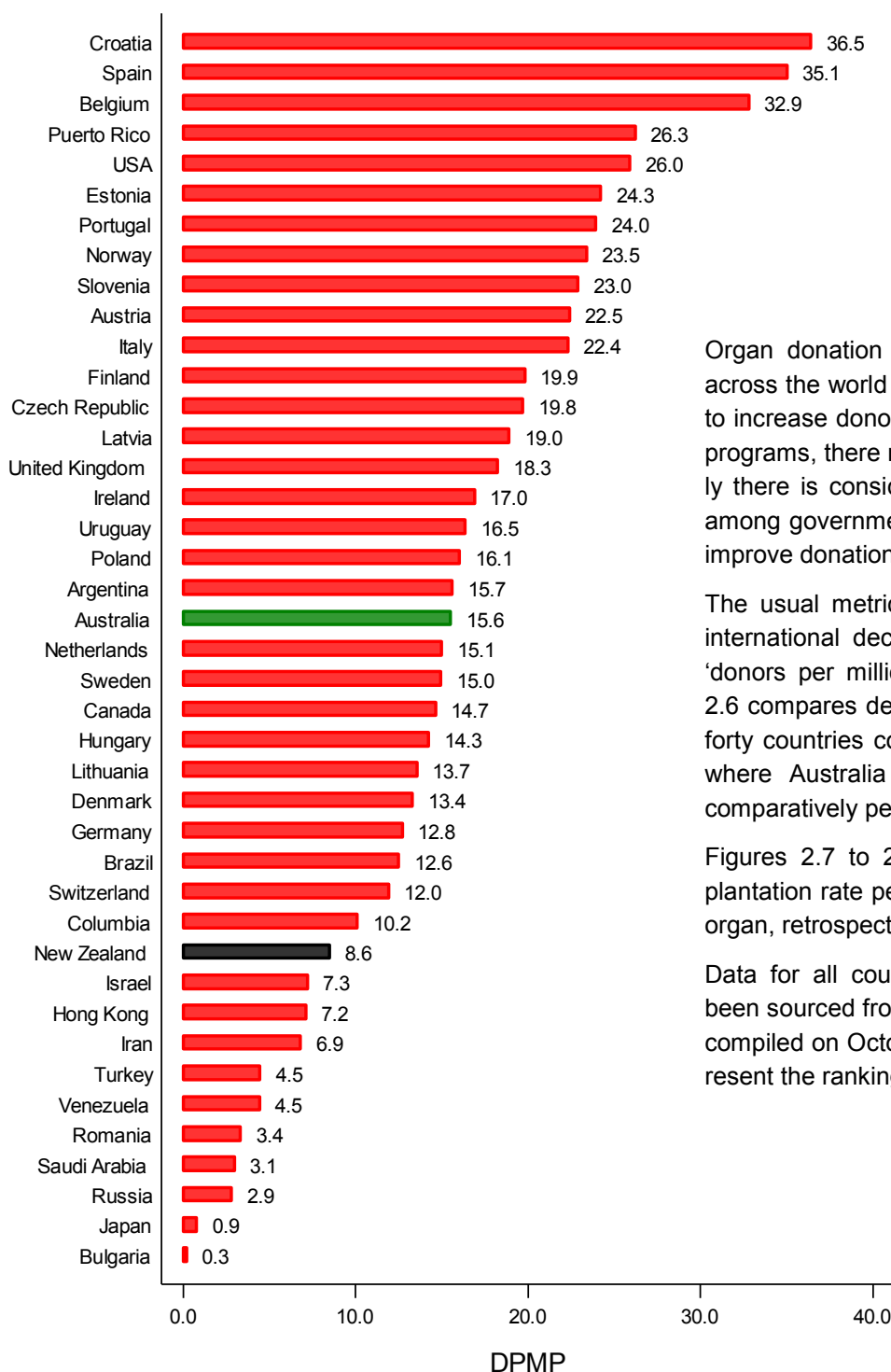
# International comparisons



## International Deceased Organ Donor Rates (Donor Per Million Population)

Figure 2.2

### International Deceased Donor Rates 2012



Organ donation and transplantation rates vary across the world and many countries are striving to increase donor numbers. Despite the various programs, there remains unmet demand. Globally there is considerable activity and momentum among governmental and professional bodies to improve donation rates.

The usual metric of measuring and comparing international deceased organ donation rates is 'donors per million population'. Figures 2.2 to 2.6 compares deceased organ donation rates of forty countries contributing data to IRODaT and where Australia and New Zealand is placed comparatively per year for the past 5 years.

Figures 2.7 to 2.26 compare the organ transplantation rate per million population per specific organ, retrospectively to 2009.

Data for all countries reported hereinafter has been sourced from the IRODaT website and was compiled on October 4, 2013. This does not represent the ranking of these countries world wide.

Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013



# International comparisons

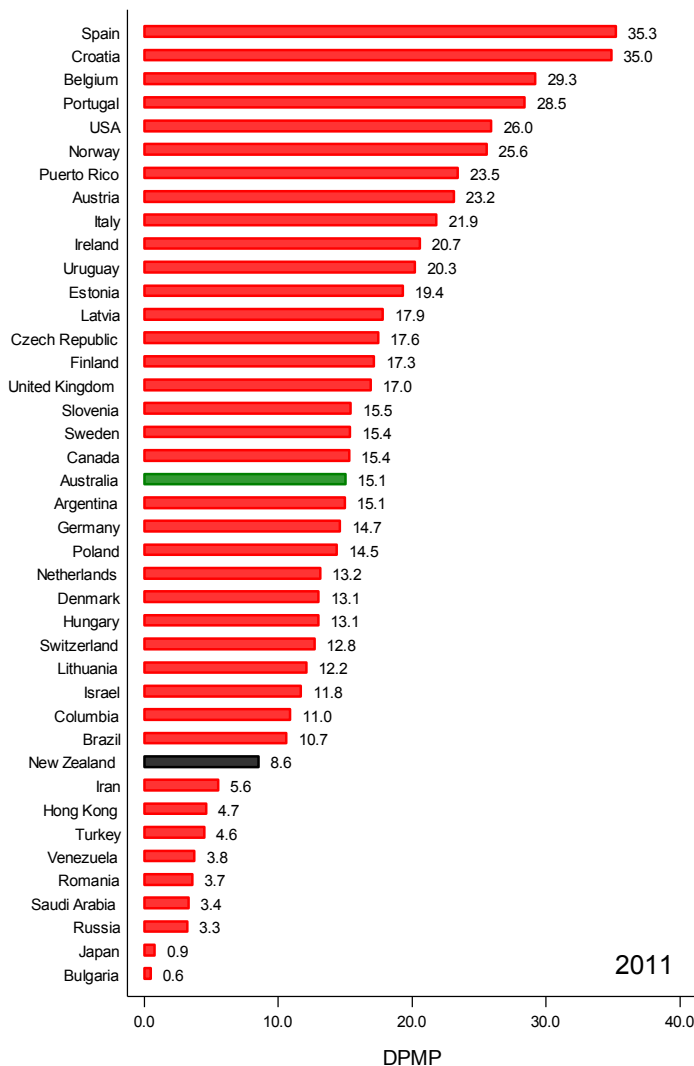
## International Deceased Organ Donor Rates (Donor Per Million Population)

Figure 2.3 International Deceased Donor Rates

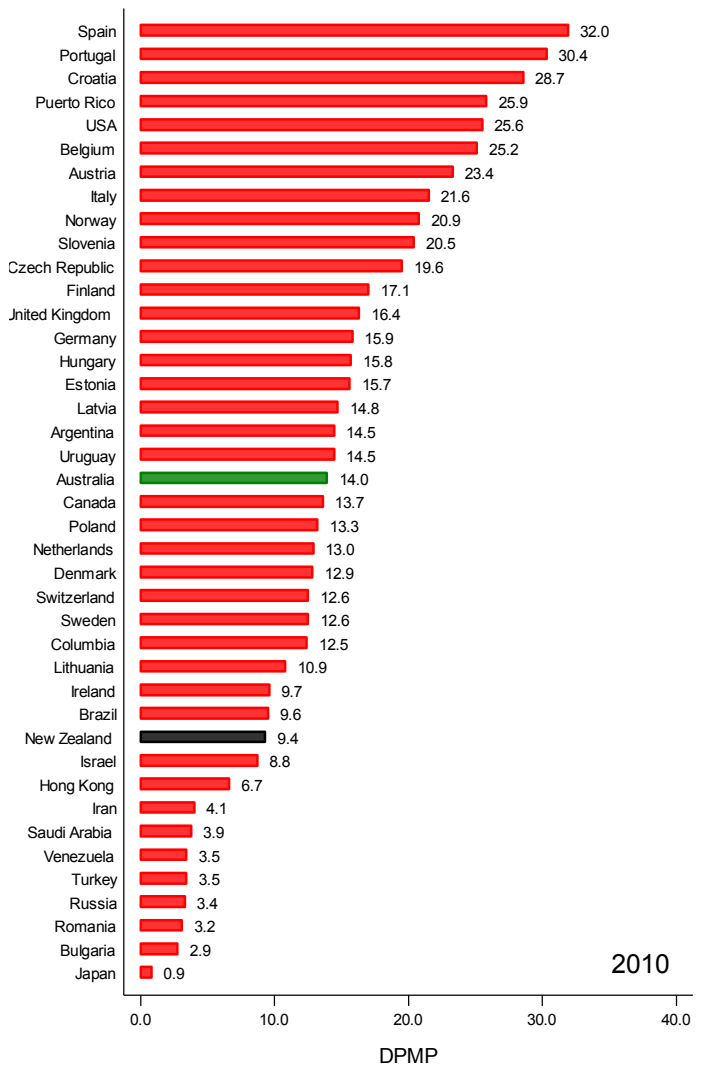
2011

Figure 2.4 International Deceased Donor Rates

2010



2011



2010

Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

Data represents a comparison of the same 41 countries who provided complete donation data in 2010 and 2011.

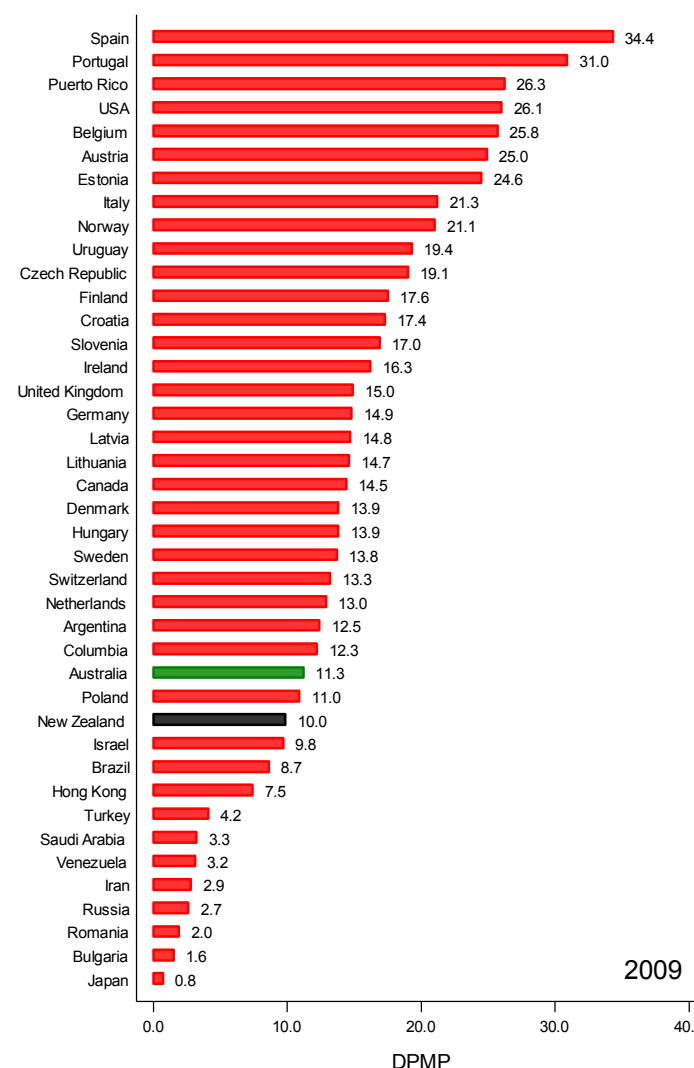
This does not represent the ranking of these countries world wide.



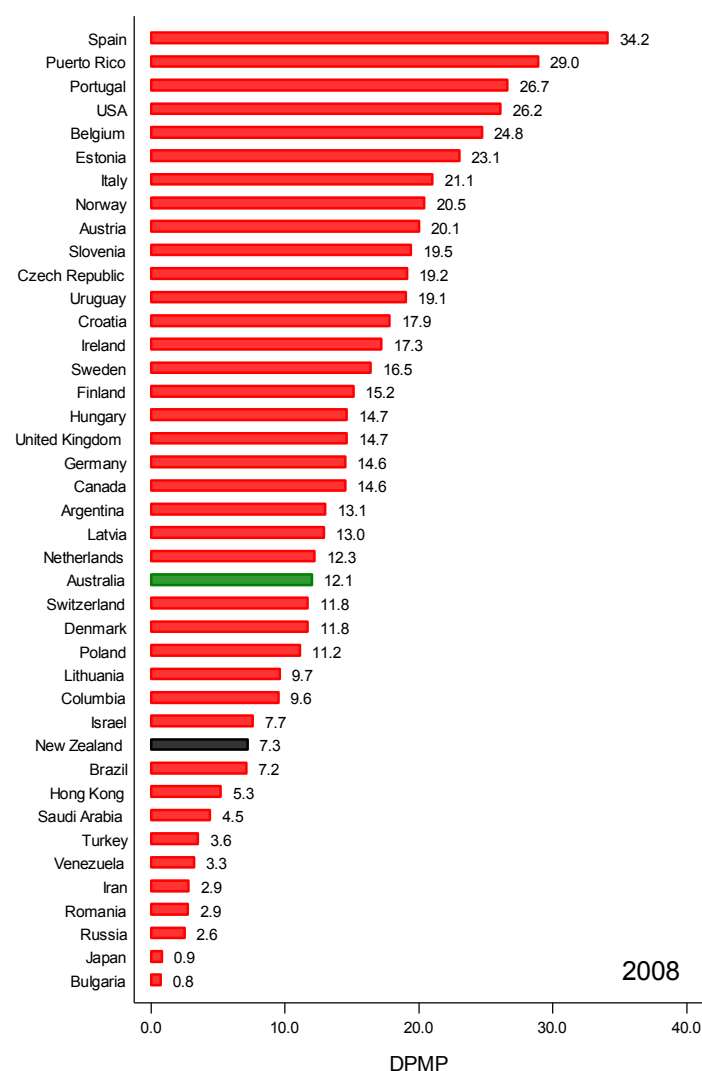
# International comparisons

## International Deceased Organ Donor Rates (Donor Per Million Population)

**Figure 2.5 International Deceased Donor Rates  
2009**



**Figure 2.6 International Deceased Donor Rates  
2008**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

Data represents a comparison of the same 41 countries who provided complete donation data in 2008 and 2009.

This does not represent the ranking of these countries world wide.



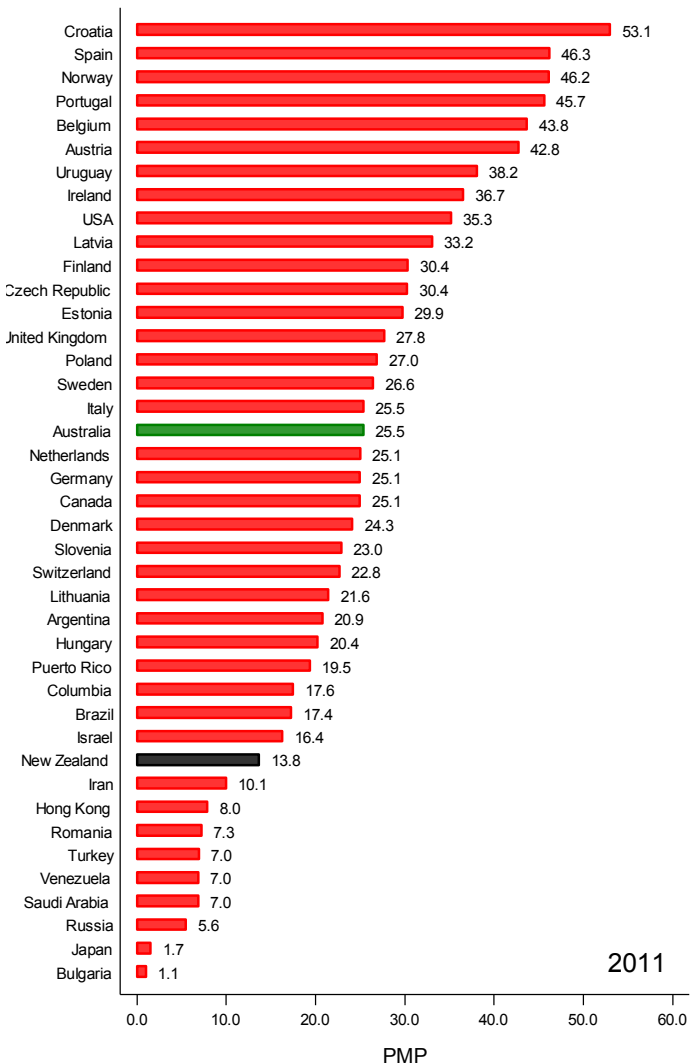
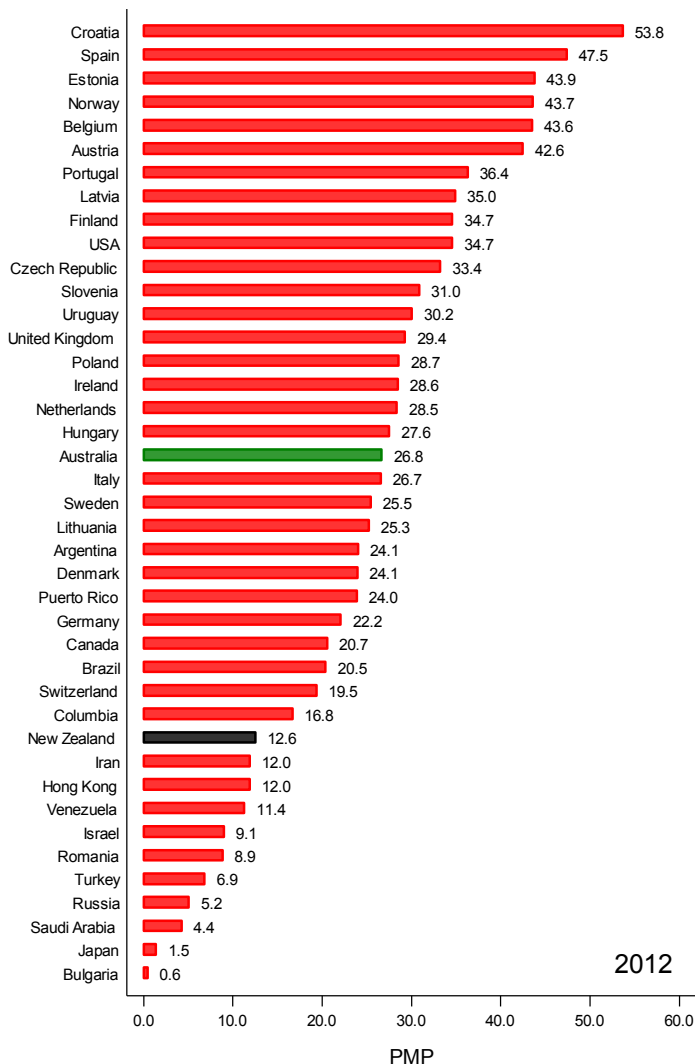
# International comparisons

## International Kidney Transplantation from Deceased Donors (Per Million Population)

Figures 2.7 and 2.8 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for kidney in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.7 International Transplantation Rates  
Kidney 2012**

**Figure 2.8 International Transplantation Rates  
Kidney 2011**



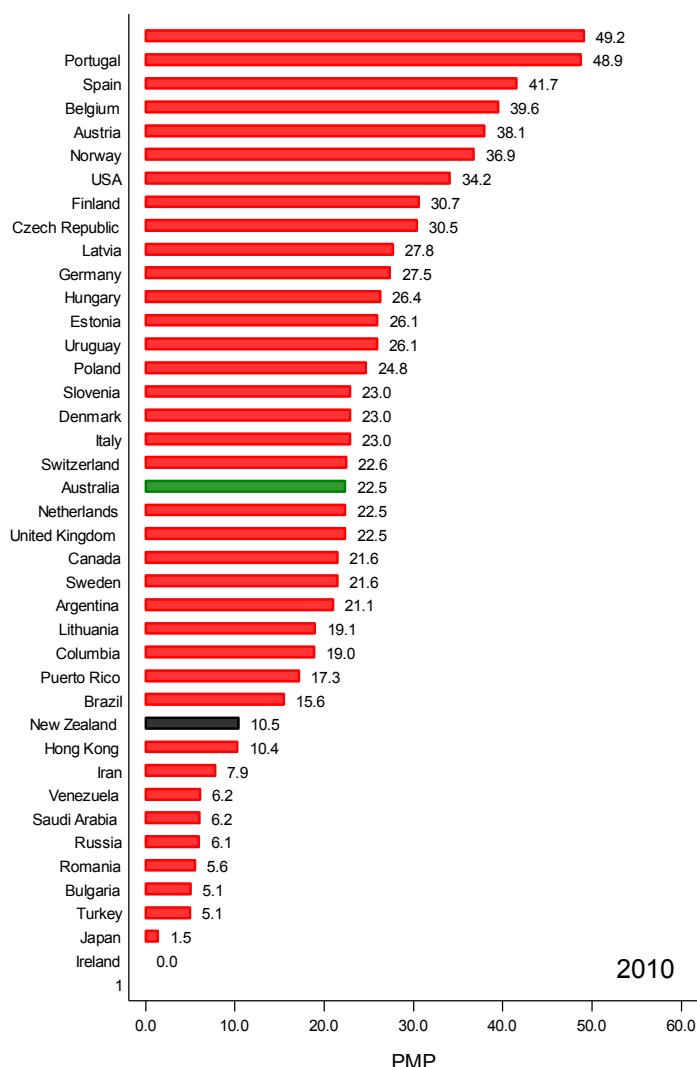
Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

# International comparisons

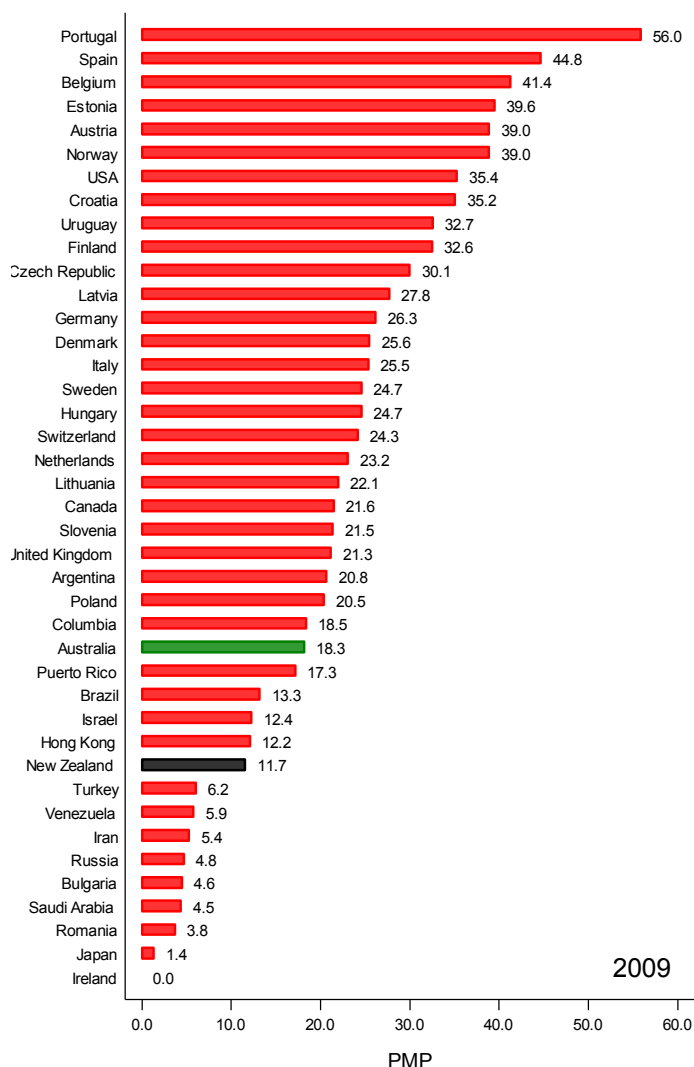
## International Kidney Transplantation from Deceased Donors (Per Million Population)

Figures 2.9 and 2.10 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for kidney in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.9 International Transplantation Rates  
Kidney 2010**



**Figure 2.10 International Transplantation Rates  
Kidney 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



# International comparisons

## International Liver Transplantation from Deceased Donors (Per Million Population)

Figures 2.11 and 2.12 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for liver in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

Figure 2.11 International Transplantation Rates

### Liver 2012

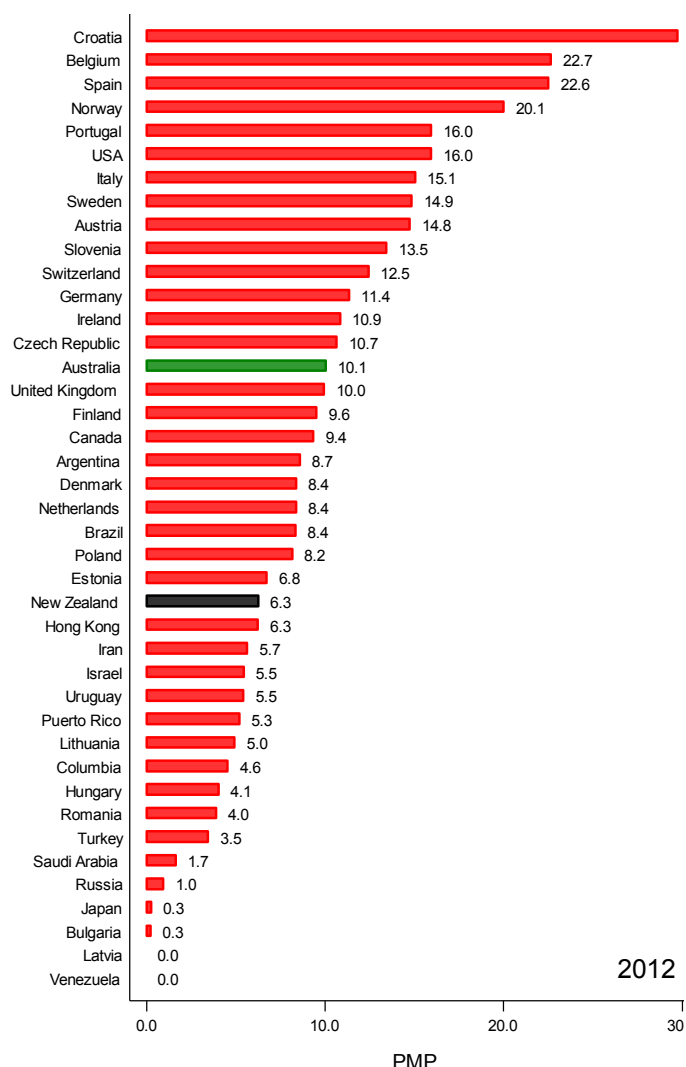
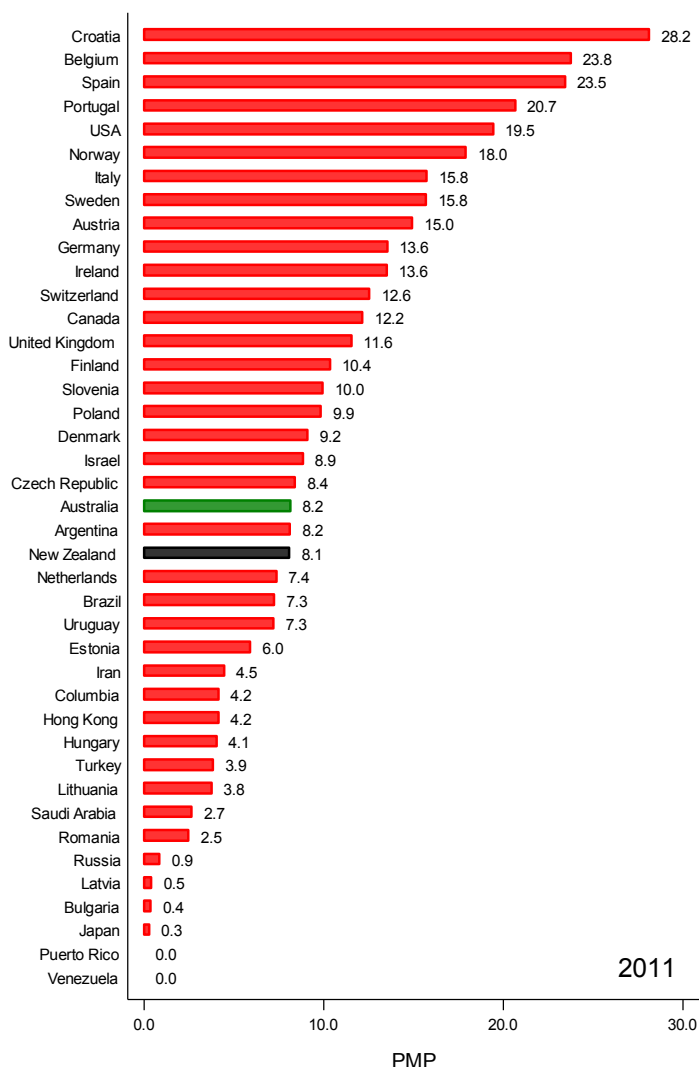


Figure 2.12 International Transplantation Rates

### Liver 2011



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

# International comparisons

## International Liver Transplantation from Deceased Donors (Per Million Population)

Figures 2.13 and 2.14 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for liver in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

Figure 2.13 International Transplantation Rates

### Liver 2010

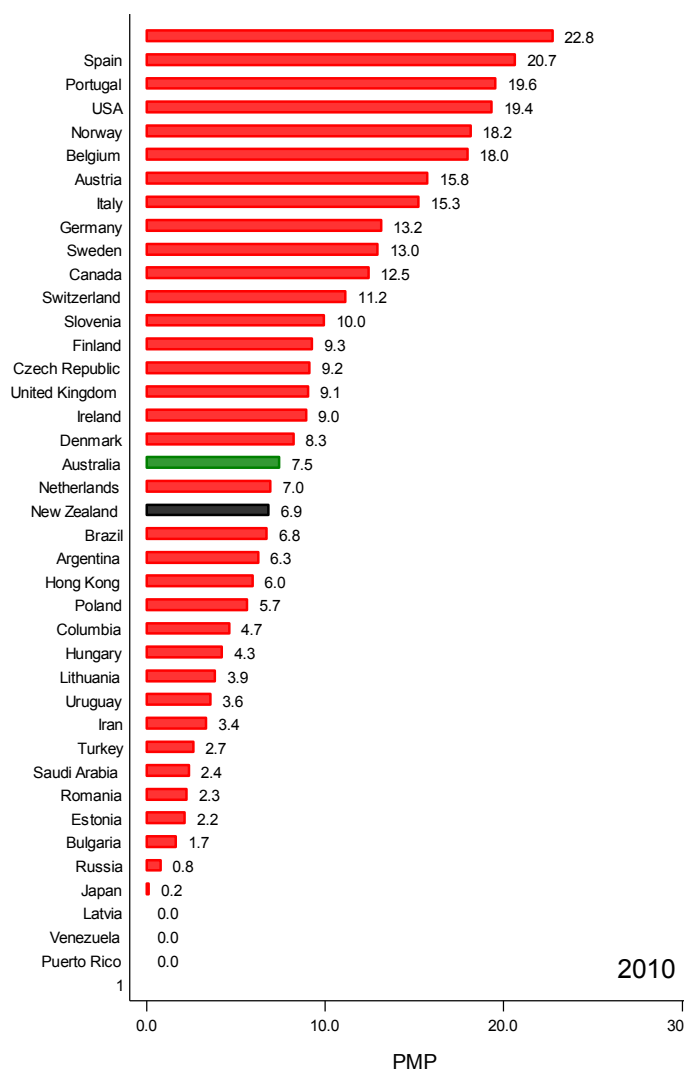
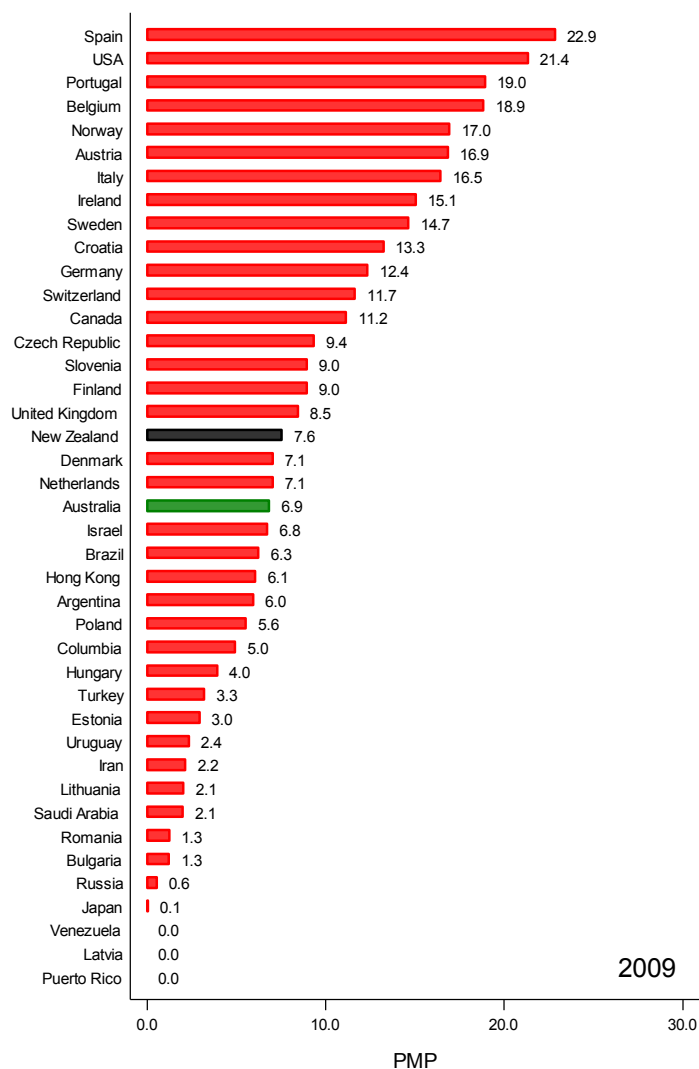


Figure 2.14

### International Transplantation Rates

### Liver 2009



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



# International comparisons

## International Heart Transplantation from Deceased Donors (Per Million Population)

Figures 2.15 and 2.16 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for heart in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

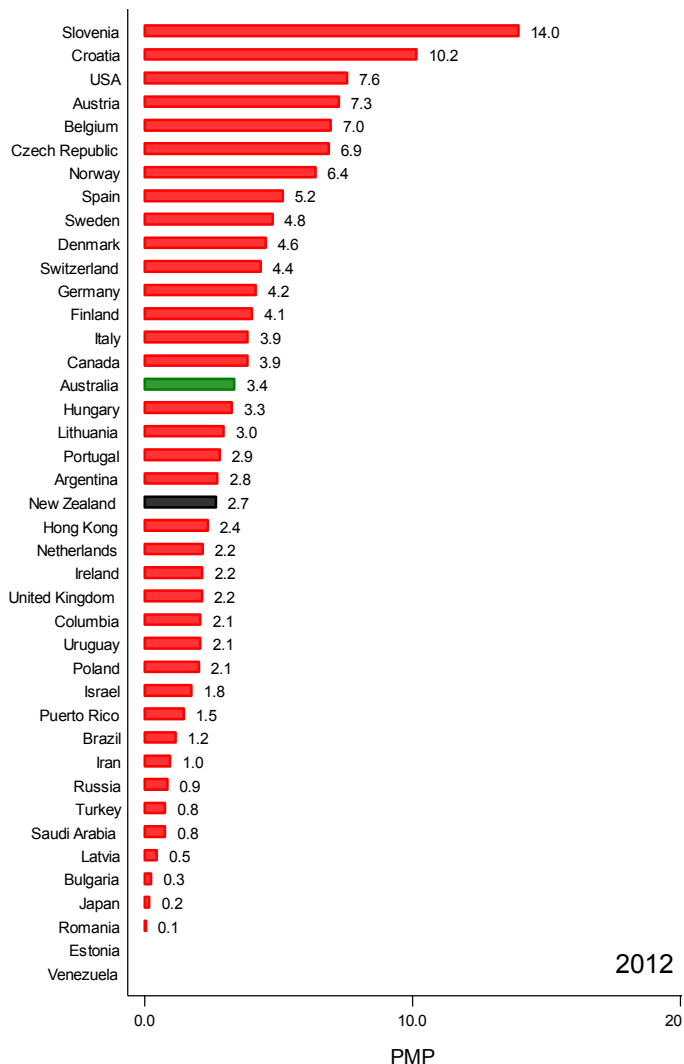
Figure 2.15 International Transplantation Rates

Figure 2.16

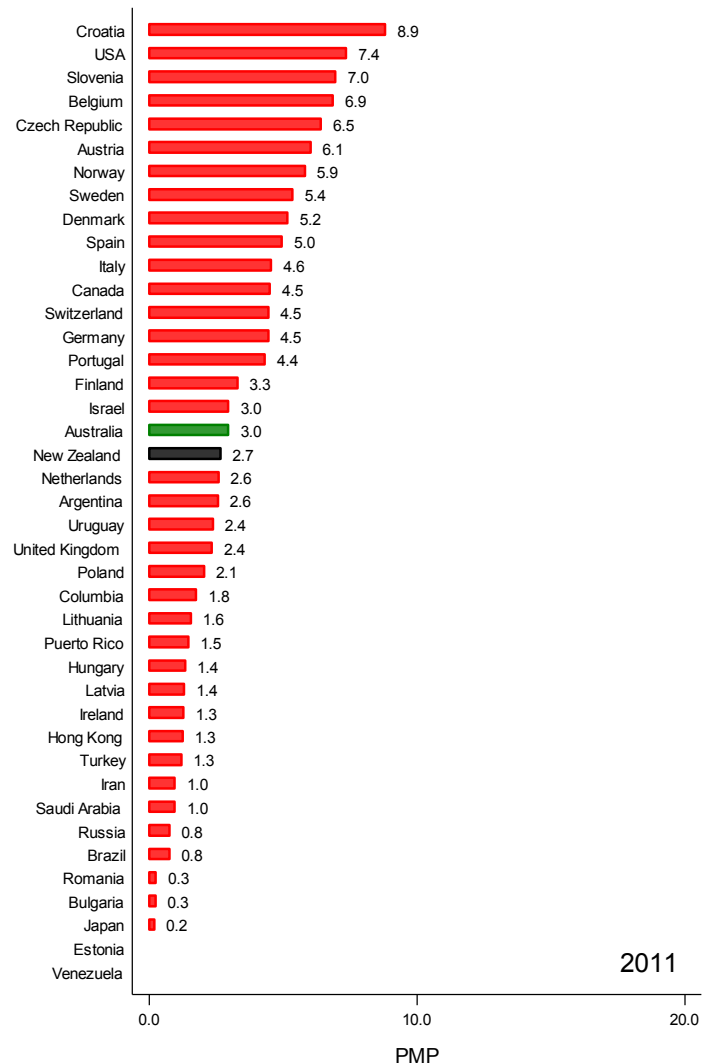
International Transplantation Rates

### Heart 2012

### Heart 2011



2012



2011

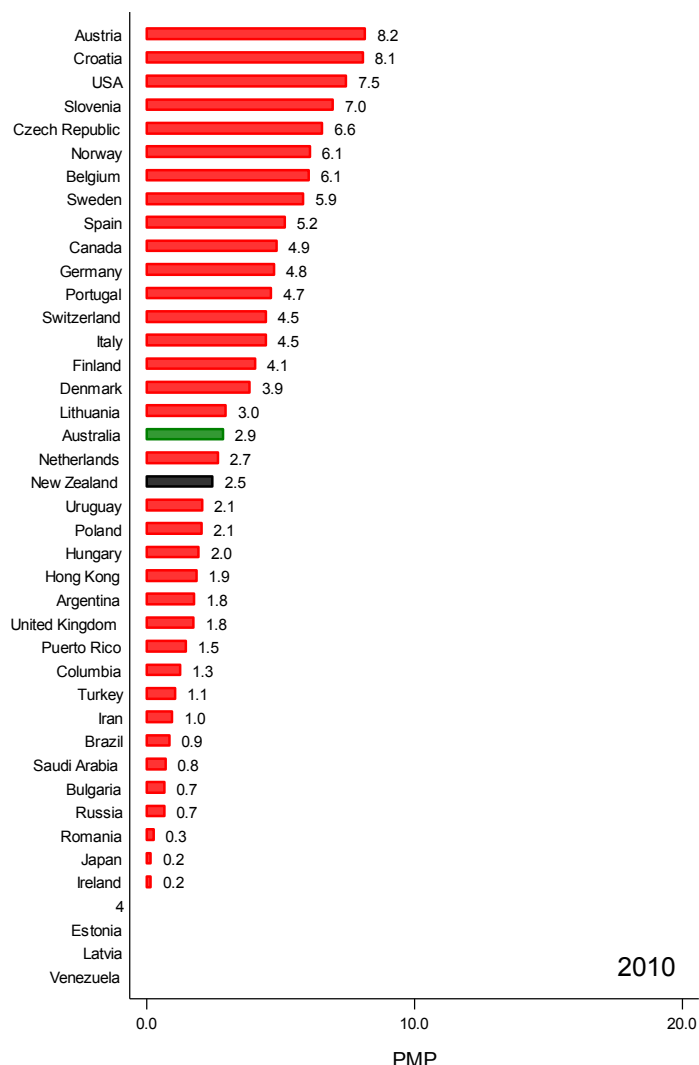
Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

# International comparisons

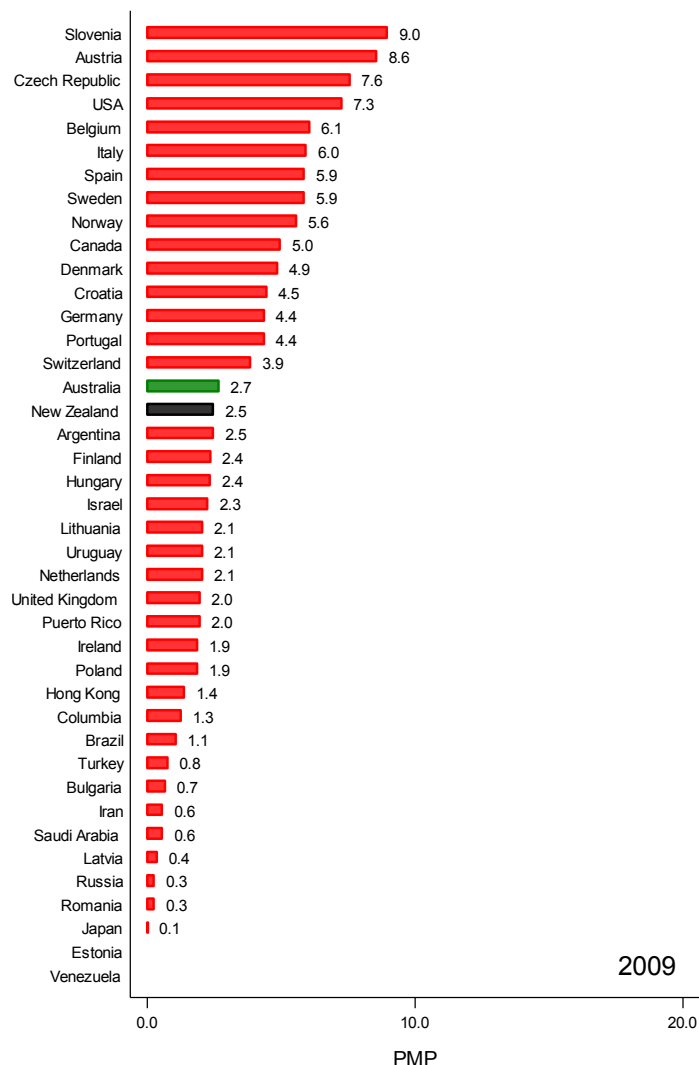
## International Heart Transplantation from Deceased Donors (Per Million Population)

Figures 2.17 and 2.18 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for heart in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.17 International Transplantation Rates Heart 2010**



**Figure 2.18 International Transplantation Rates Heart 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

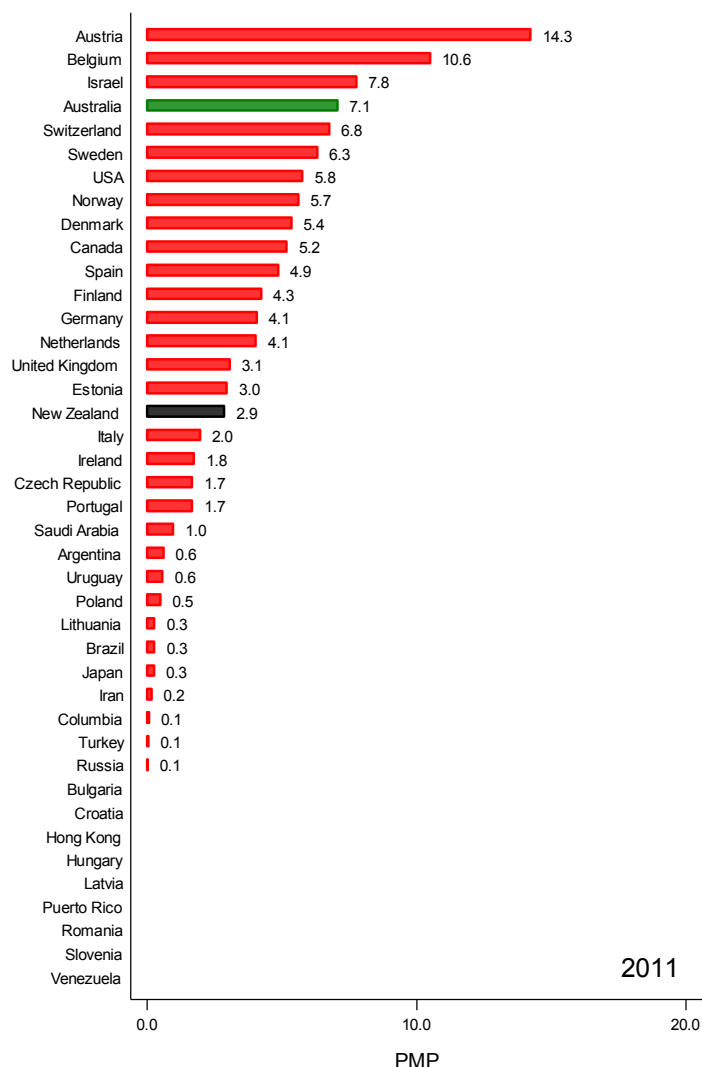
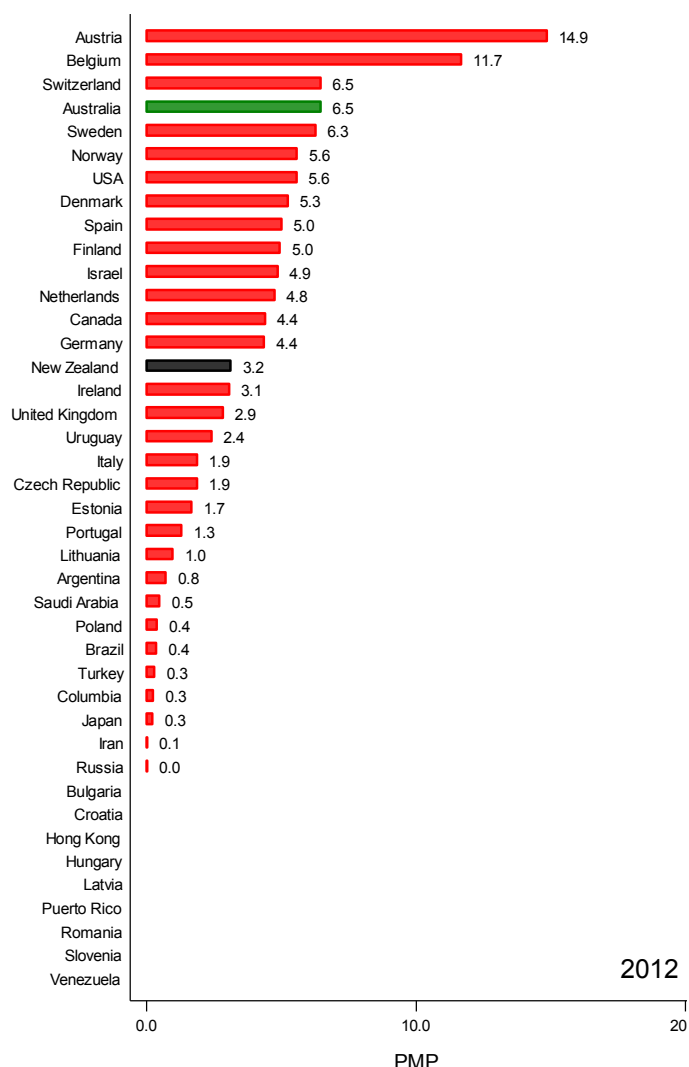


# International comparisons

## International Lung Transplantation from Deceased Donors (Per Million Population)

Figures 2.19 and 2.20 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for lung in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.19 International Transplantation Rates Lung 2012** **Figure 2.20 International Transplantation Rates Lung 2011**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



# International comparisons

## International Lung Transplantation from Deceased Donors (Per Million Population)

Figures 2.21 and 2.22 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for lung in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

Figure 2.21 International Transplantation Rates

### Lung 2010

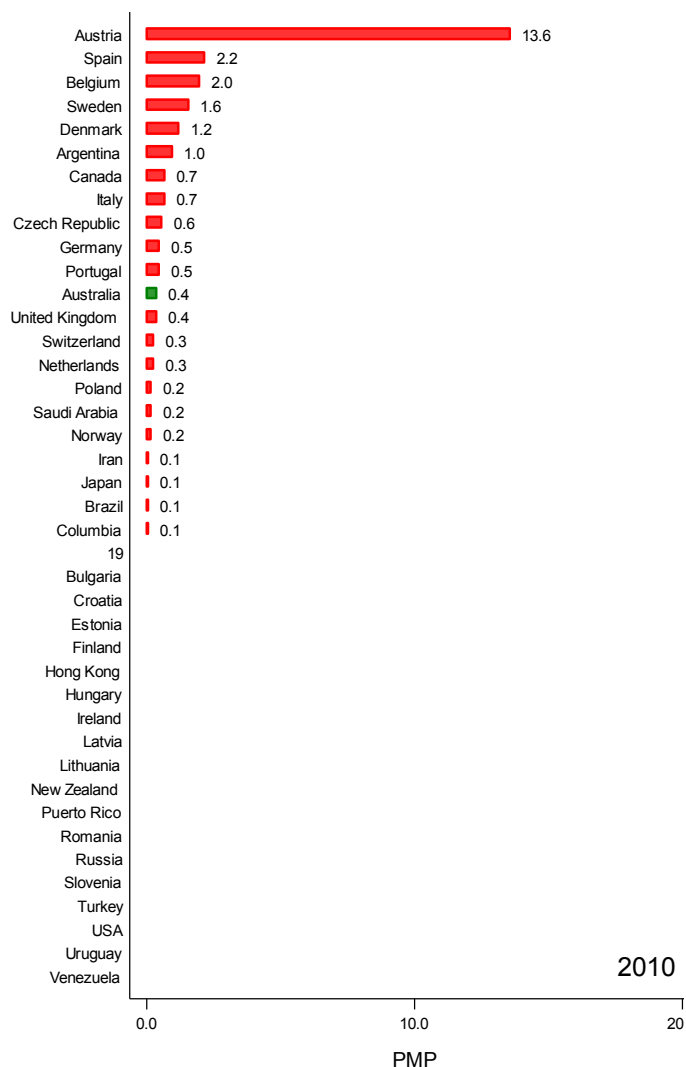
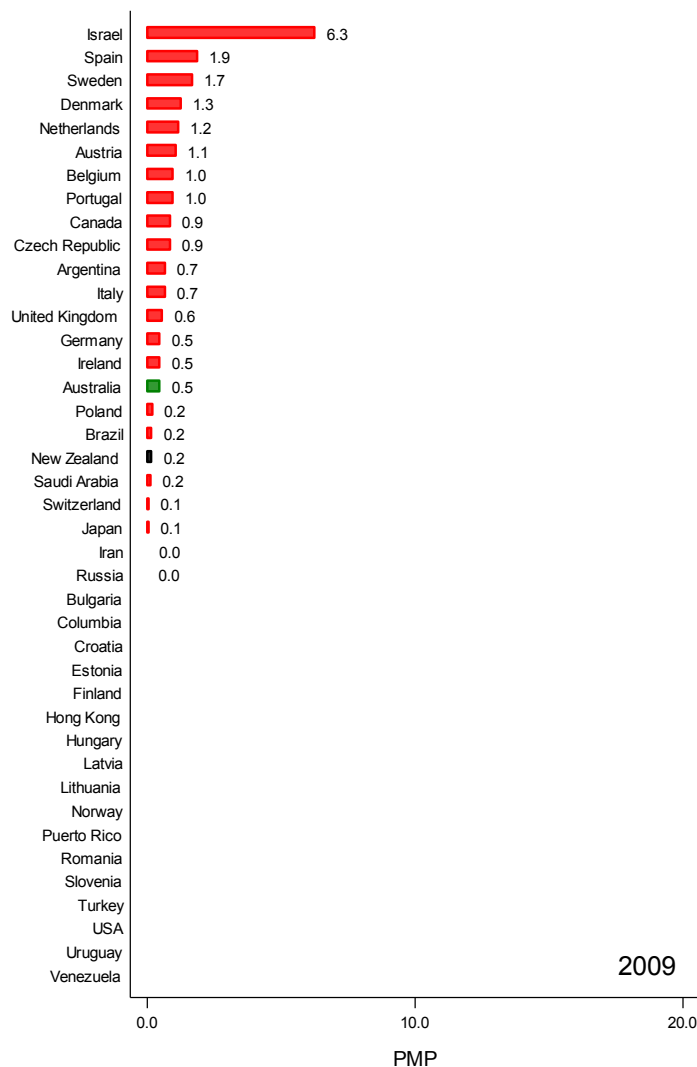


Figure 2.22

### International Transplantation Rates

### Lung 2009



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



# International comparisons

## International Pancreas Transplantation from Deceased Donors (Per Million Population)

Figures 2.23 and 2.24 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for pancreas in 2012 and 2011 respectively. This does not represent the ranking of these countries world wide.

Figure 2.23 International Transplantation Rates

### Pancreas 2012

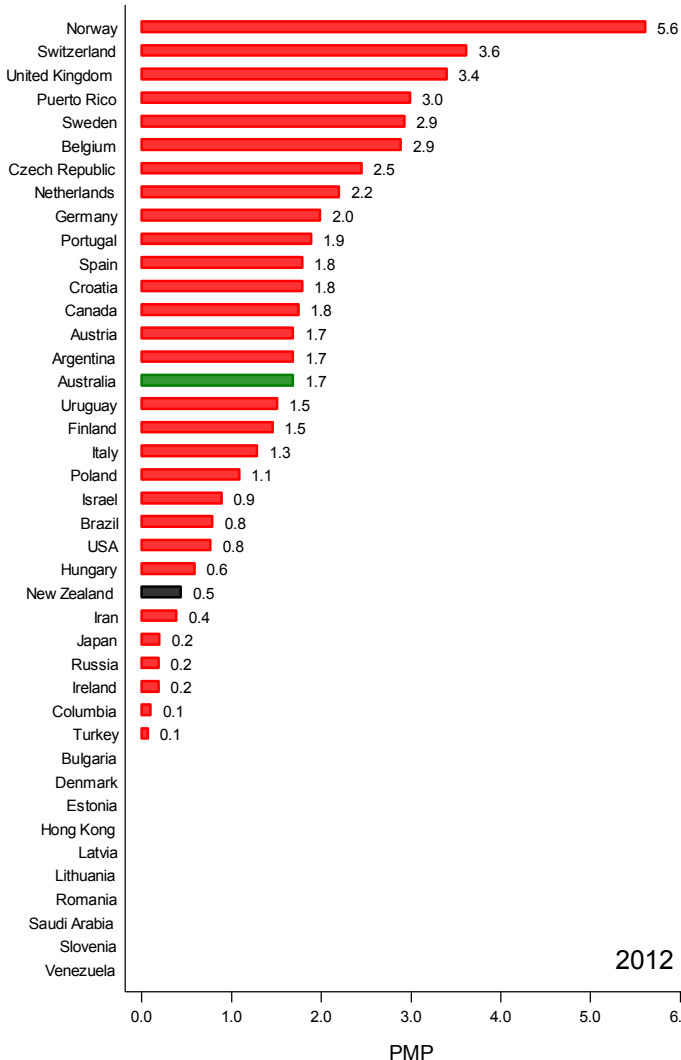
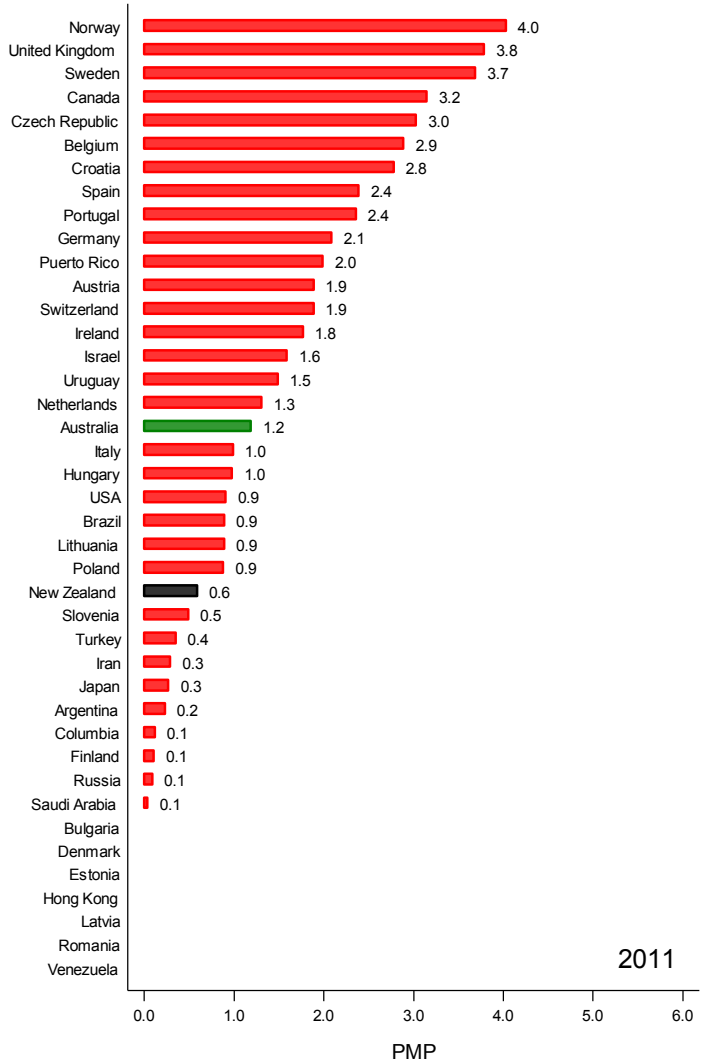


Figure 2.24 International Transplantation Rates

### Pancreas 2011



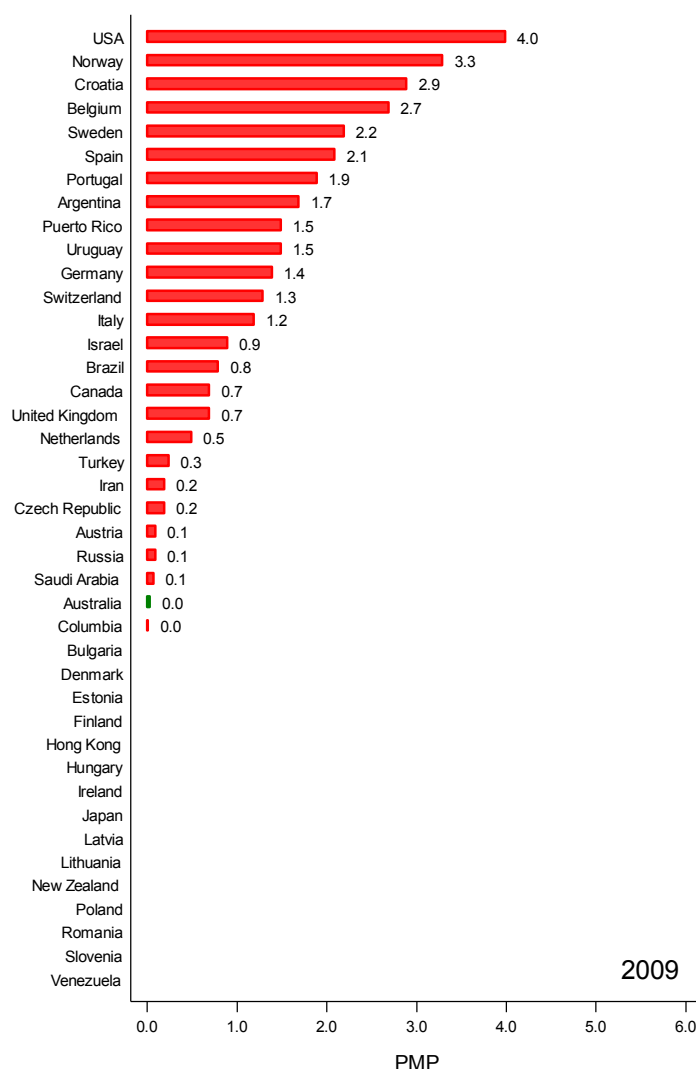
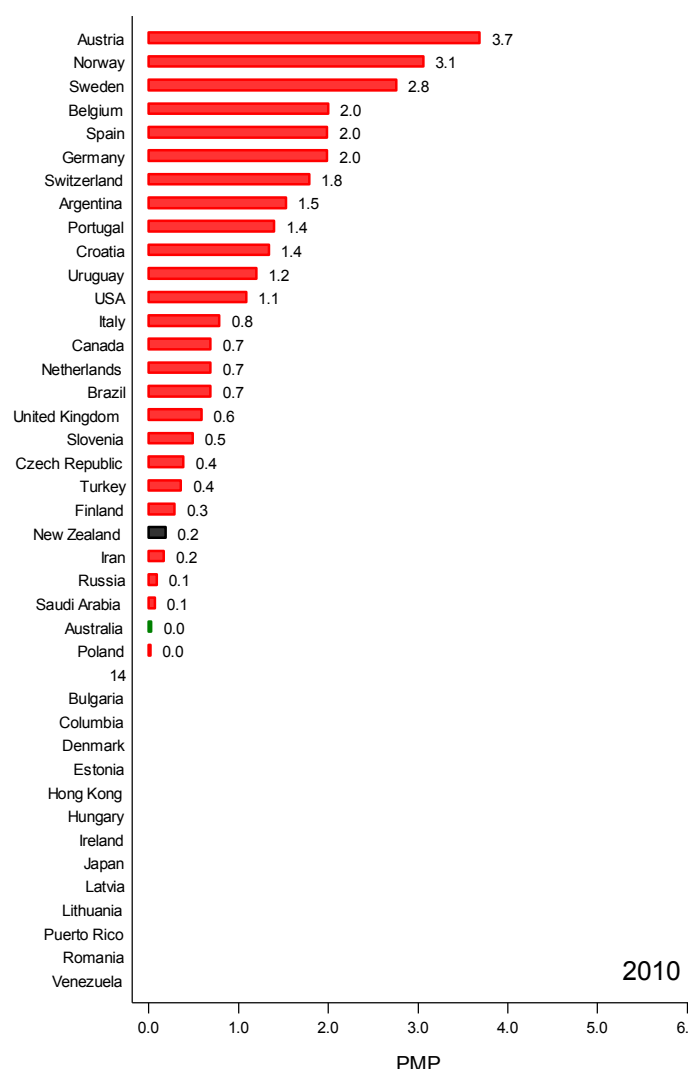
Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.

# International comparisons

## International Pancreas Transplantation from Deceased Donors (Per Million Population)

Figures 2.25 and 2.26 represent a comparison of the same 41 countries who provided complete transplantation activity from deceased donors, per million population, for pancreas in 2010 and 2009 respectively. This does not represent the ranking of these countries world wide.

**Figure 2.25 International Transplantation Rates Pancreas 2010** **Figure 2.26 International Transplantation Rates Pancreas 2009**



Data sourced from IRODaT [http://www.irodat.org/irodat\\_all\\_en.php](http://www.irodat.org/irodat_all_en.php) on October 4, 2013.



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## ***Chapter 3***

### ***Pathway of Organ Donation***



***in Australia and New Zealand***



# Pathway of Organ Donation

This chapter reports on the organ donation pathway from identification of a donor to the outcome of the donation. This includes the known intention to be an organ donor; cause of death and events leading up to admission to hospital; whom authority to donate was

sought by; whether the donation pathway did not proceed or proceeded down donation after brain death or donation after circulatory death; maintenance and terminal treatment of the donor and outcome of the retrieval procedure resulting in transplantation of donated organs.

## DONOR INTENTION

Figures 3.1 and 3.2 show whether the donor had recorded an intention to donate through indication on their driver's licence. In 2012, 22% (77) of Australian organ donors and 3% (three) of New Zealand organ donors had indicated their intention to be an organ donor on their driver's license.

Figure 3.3 shows the number of donors enrolled in the Australian Organ Donation Registry, which commenced in 2000.

Figure 3.1

| Driver's Licence Intention Status 2008 - 2012 |            |            |            |            |            |             |           |           |           |           |
|---|------------|------------|------------|------------|------------|-------------|-----------|-----------|-----------|-----------|
| Intention                                     | Australia  |            |            |            |            | New Zealand |           |           |           |           |
|   | 2008       | 2009       | 2010       | 2011       | 2012       | 2008        | 2009      | 2010      | 2011      | 2012      |
| Yes   | 67 (26%)   | 73 (30%)   | 85 (28%)   | 80 (24%)   | 77 (22%)   | 2 (6%)      | 7 (16%)   | 5 (12%)   | 4 (11%)   | 3 (3%)    |
| Not Applicable                                | 56         | 49         | 126        | 113        | 158        | 2           | 3         | 0         | 3         | 3         |
| No  | 55         | 42         | 31         | 45         | 38         | 1           | 0         | 0         | 1         | 2         |
| Unknown                                       | 81         | 83         | 67         | 99         | 81         | 26          | 33        | 36        | 30        | 30        |
| <b>Total</b>                                  | <b>259</b> | <b>247</b> | <b>309</b> | <b>337</b> | <b>354</b> | <b>31</b>   | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> |

\* 'Not Applicable' is recorded for those donors who do not possess an Australian or New Zealand drivers license (for example infants, students or those who adults who chose not to obtain one)

Figure 3.2

| Australian States 2012 (2011)<br>Driver's Licence Intention Status |                |                |               |                 |               |                |              |                |
|--|----------------|----------------|---------------|-----------------|---------------|----------------|--------------|----------------|
| Intention  | QLD            | NSW            | ACT           | VIC             | TAS           | SA             | NT           | WA             |
| Yes  | 5 (7)          | 52 (51)        | 4 (1)         | 3 (2)           | 0 (1)         | 11 (15)        | 1 (0)        | 1 (3)          |
| Not Applicable   | 69 (41)        | 7 (8)          | 3 (4)         | 41 (31)         | 8 (2)         | 2 (6)          | 1 (1)        | 27 (20)        |
| No   | 2 (10)         | 23 (14)        | 5 (3)         | 0 (6)           | 0 (1)         | 1 (0)          | 4 (2)        | 3 (9)          |
| Unknown  | 2 (9)          | 7 (4)          | 0 (0)         | 47 (68)         | 7 (2)         | 15 (14)        | 2 (1)        | 1 (1)          |
| <b>Total</b>   | <b>78 (67)</b> | <b>89 (77)</b> | <b>12 (8)</b> | <b>91 (107)</b> | <b>15 (6)</b> | <b>29 (35)</b> | <b>8 (4)</b> | <b>32 (33)</b> |

# Pathway of Organ Donation



Figure 3.3

| <b>Donors Enrolled in the Australian Organ Donor Registry 2012 (2011)</b>  |                |                |               |                 |               |                |              |                |                  |
|--|----------------|----------------|---------------|-----------------|---------------|----------------|--------------|----------------|------------------|
|  | QLD            | NSW            | ACT           | VIC             | TAS           | SA             | NT           | WA             | AUST             |
| Yes  | 28 (21)        | 32 (22)        | 7 (0)         | 15 (26)         | 6 (2)         | 5 (17)         | 3 (1)        | 14 (16)        | 110 (105)        |
| Not Applicable ^   | 4 (6)          | 3 (6)          | 1 (1)         | 6(0)            | 1 (0)         | 0 (0)          | 1 (1)        | 3 (1)          | 19 (15)          |
| No   | 1 (0)          | 0 (0)          | 0 (0)         | 0 (0)           | 1 (0)         | 2 (0)          | 0 (0)        | 1 (0)          | 5 (0)            |
| Not Registered   | 42 (40)        | 51 (49)        | 4 (7)         | 67 (79)         | 6 (4)         | 22 (18)        | 4 (2)        | 13 (15)        | 209 (214)        |
| Not Accessed   | 3 (0)          | 3 (0)          | 0 (0)         | 3 (2)           | 1 (0)         | 0 (0)          | 0 (0)        | 1(1)           | 11 (3)           |
| <b>Total</b>   | <b>78 (67)</b> | <b>89 (77)</b> | <b>12 (8)</b> | <b>91 (107)</b> | <b>15 (6)</b> | <b>29 (35)</b> | <b>8 (4)</b> | <b>32 (33)</b> | <b>354 (337)</b> |
| ^ Not Applicable refers to children less than 16 years of age and non-resident donors (e.g. tourists and visitors) |                |                |               |                 |               |                |              |                |                  |

## CORONER'S CASES

In Australia, 43% of donors in 2012 were subject to Coronal inquiry, compared to 42% in 2011. In New Zealand it was 50% for 2012 and 42% in 2011.

Figure 3.4

| <b>Coroner's Cases 2008 - 2012</b> |            |            |            |            |            |             |           |           |           |           |
|------------------------------------|------------|------------|------------|------------|------------|-------------|-----------|-----------|-----------|-----------|
|                                    | Australia  |            |            |            |            | New Zealand |           |           |           |           |
|                                    | 2008       | 2009       | 2010       | 2011       | 2012       | 2008        | 2009      | 2010      | 2011      | 2012      |
| Yes                                | 120        | 106        | 121        | 141        | 153        | 12          | 19        | 18        | 16        | 19        |
| No                                 | 139        | 141        | 188        | 196        | 201        | 19          | 24        | 23        | 22        | 19        |
| <b>Total</b>                       | <b>259</b> | <b>247</b> | <b>309</b> | <b>337</b> | <b>354</b> | <b>31</b>   | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> |

Figure 3.5

| <b>Australian States Coroner's Cases 2012 (2011)</b> |                |                |               |                 |               |                |              |                |                  |                |
|--|----------------|----------------|---------------|-----------------|---------------|----------------|--------------|----------------|------------------|----------------|
|  | QLD            | NSW            | ACT           | VIC             | TAS           | SA             | NT           | WA             | AUST             | NZ             |
| Yes  | 39 (31)        | 34 (29)        | 6 (6)         | 34 (39)         | 7 (2)         | 13 (17)        | 2 (2)        | 18 (15)        | 153 (141)        | 19 (16)        |
| No   | 39 (36)        | 55 (48)        | 6 (2)         | 57 (68)         | 8 (4)         | 16 (18)        | 6 (2)        | 14 (18)        | 201 (196)        | 19 (22)        |
| <b>Total</b>   | <b>78 (67)</b> | <b>89 (77)</b> | <b>12 (8)</b> | <b>91 (107)</b> | <b>15 (6)</b> | <b>29 (35)</b> | <b>8 (4)</b> | <b>32 (33)</b> | <b>354 (337)</b> | <b>38 (38)</b> |



# Pathway of Organ Donation

## CAUSE OF DEATH - ALL DONORS

In Australia and New Zealand, road trauma continues to be a reducing cause of death while cerebrovascular accident (CVA) has been increasing in Australia since 1989, although in New Zealand figures have remained steady.

In Australia for the period 2008 - 2012, CVA accounted for an overall 49% of donor deaths and road trauma 12%.

Figure 3.6 shows the cause of death by percentage in

Australia and each Australian State and New Zealand over the last 5 years.

Figure 3.7 shows that CVA is the main cause of death in donors 55 years and older, 68% in Australia and 64% in New Zealand, whereas in the younger 15-34 year age group, Hypoxia-Anoxia accounted for 23% of all deaths in Australia and 21% in New Zealand in 2012.

The cause of death by age group is shown in Figure 3.8 for each Australian State for 2012.

Figure 3.6

| Cause of Donor Death 2008 - 2012 |     |     |     |     |     |     |     |     |      |     |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
|                                  | QLD | NSW | ACT | VIC | TAS | SA  | NT  | WA  | AUST | NZ  |
| CVA                              | 43% | 50% | 31% | 51% | 45% | 52% | 58% | 47% | 49%  | 51% |
| Trauma (road)                    | 18% | 10% | 8%  | 8%  | 9%  | 9%  | 21% | 19% | 12%  | 16% |
| Trauma (non-road)                | 14% | 11% | 3%  | 8%  | 16% | 11% | 5%  | 10% | 10%  | 11% |
| Hypoxia-Anoxia                   | 19% | 23% | 13% | 28% | 20% | 22% | 11% | 17% | 23%  | 16% |
| Cerebral Tumour                  | 1%  | 1%  | 1%  | 0%  | 9%  | 1%  | 5%  | 7%  | 1%   | 1%  |
| Other                            | 4%  | 6%  | 0%  | 5%  | 0%  | 5%  | 0%  | 0%  | 5%   | 6%  |

Figure 3.7

| Cause of Donor Death Related to Age Group 2012 |            |       |       |      |           |             |       |       |      |          |
|--|------------|-------|-------|------|-----------|-------------|-------|-------|------|----------|
|  | Australia  |       |       |      |           | New Zealand |       |       |      |          |
|  | Age Groups |       |       |      | Total     | Age Groups  |       |       |      | Total    |
|  | 0-14       | 15-34 | 35-54 | >=55 |           | 0-14        | 15-34 | 35-54 | >=55 |          |
| CVA  | 1          | 14    | 67    | 92   | 174 (49%) | 0           | 0     | 8     | 7    | 15 (39%) |
| Trauma (road)                                  | 2          | 22    | 8     | 6    | 38 (11%)  | 1           | 1     | 1     | 1    | 4 (11%)  |
| Trauma (non-road)                              | 1          | 11    | 11    | 14   | 37 (10%)  | 0           | 1     | 4     | 1    | 6 (16%)  |
| Hypoxia-Anoxia                                 | 6          | 24    | 36    | 17   | 83 (23%)  | 1           | 1     | 5     | 1    | 8 (21%)  |
| Cerebral Tumour                                | 0          | 0     | 1     | 0    | 1 (<1%)   | 0           | 0     | 0     | 0    | 0 (0%)   |
| Other  | 1          | 10    | 3     | 7    | 21 (6%)   | 0           | 3     | 1     | 1    | 5 (13%)  |
| <b>Total</b>                                   | 11         | 81    | 126   | 136  | 354       | 2           | 6     | 19    | 11   | 38       |



# Pathway of Organ Donation

Figure 3.8

| <b>Australian States</b>                        |                   |            |           |           |           |           |
|---|-------------------|------------|-----------|-----------|-----------|-----------|
| <b>Cause of Death Related to Age Group 2012</b> |                   |            |           |           |           |           |
|   |                   | Age Groups |           |           |           | Total     |
|   |                   | 0-14       | 15-34     | 35-54     | >=55      |           |
| <b>Queensland</b>                               | CVA               | 0          | 3         | 17        | 15        | 35        |
|   | Trauma (road)     | 0          | 6         | 4         | 0         | 10        |
|   | Trauma (non-road) | 1          | 3         | 4         | 1         | 9         |
|   | Other             | 0          | 14        | 6         | 4         | 24        |
|   | <b>Total</b>      | <b>1</b>   | <b>26</b> | <b>31</b> | <b>20</b> | <b>78</b> |
| <b>New South Wales</b>                          | CVA               | 0          | 5         | 15        | 21        | 41        |
|   | Trauma (road)     | 0          | 6         | 0         | 3         | 9         |
|   | Trauma (non-road) | 0          | 1         | 3         | 7         | 11        |
|   | Other             | 2          | 7         | 11        | 8         | 28        |
|   | <b>Total</b>      | <b>2</b>   | <b>19</b> | <b>29</b> | <b>39</b> | <b>89</b> |
| <b>Australian Capital Territory (ACT)</b>       | CVA               | 0          | 0         | 2         | 6         | 8         |
|   | Trauma (road)     | 0          | 1         | 0         | 1         | 2         |
|   | Trauma (non-road) | 0          | 0         | 0         | 1         | 1         |
|   | Other             | 0          | 0         | 1         | 0         | 1         |
|   | <b>Total</b>      | <b>0</b>   | <b>1</b>  | <b>3</b>  | <b>8</b>  | <b>12</b> |
| <b>Victoria</b>                                 | CVA               | 1          | 3         | 14        | 30        | 48        |
|   | Trauma (road)     | 2          | 2         | 2         | 1         | 7         |
|   | Trauma (non-road) | 0          | 2         | 3         | 2         | 7         |
|   | Other             | 2          | 5         | 13        | 9         | 29        |
|   | <b>Total</b>      | <b>5</b>   | <b>12</b> | <b>32</b> | <b>42</b> | <b>91</b> |
| <b>Tasmania</b>                                 | CVA               | 0          | 0         | 4         | 4         | 8         |
|   | Trauma (road)     | 0          | 1         | 0         | 1         | 2         |
|   | Trauma (non-road) | 1          | 0         | 1         | 0         | 2         |
|   | Other             | 0          | 2         | 1         | 0         | 3         |
|   | <b>Total</b>      | <b>1</b>   | <b>3</b>  | <b>6</b>  | <b>5</b>  | <b>15</b> |
| <b>South Australia</b>                          | CVA               | 0          | 1         | 6         | 8         | 15        |
|   | Trauma (road)     | 0          | 4         | 0         | 0         | 4         |
|   | Trauma (non-road) | 0          | 2         | 0         | 0         | 2         |
|   | Other             | 0          | 3         | 3         | 2         | 8         |
|   | <b>Total</b>      | <b>0</b>   | <b>10</b> | <b>9</b>  | <b>10</b> | <b>29</b> |
| <b>Northern Territory</b>                       | CVA               | 0          | 1         | 4         | 1         | 6         |
|   | Trauma (road)     | 0          | 0         | 0         | 0         | 0         |
|   | Trauma (non-road) | 0          | 0         | 0         | 0         | 0         |
|   | Other             | 0          | 2         | 0         | 0         | 2         |
|   | <b>Total</b>      | <b>0</b>   | <b>3</b>  | <b>4</b>  | <b>1</b>  | <b>8</b>  |
| <b>Western Australia</b>                        | CVA               | 0          | 1         | 5         | 7         | 13        |
|   | Trauma (road)     | 0          | 3         | 2         | 1         | 6         |
|   | Trauma (non-road) | 0          | 2         | 1         | 2         | 5         |
|   | Other             | 2          | 1         | 4         | 1         | 8         |
|   | <b>Total</b>      | <b>2</b>   | <b>7</b>  | <b>12</b> | <b>11</b> | <b>32</b> |



# Pathway of Organ Donation

## CARDIOPULMONARY RESUSCITATION

Cardiopulmonary resuscitation is recorded for events leading up to the admission and hospital stay for the patient, prior to organ donation (Figures 3.9 and 3.10).

Figure 3.9

| <b>Cardiopulmonary Resuscitation 2008 - 2012</b> |            |            |            |            |            |             |           |           |           |           |
|--|------------|------------|------------|------------|------------|-------------|-----------|-----------|-----------|-----------|
|  | Australia  |            |            |            |            | New Zealand |           |           |           |           |
|  | 2008       | 2009       | 2010       | 2011       | 2012       | 2008        | 2009      | 2010      | 2011      | 2012      |
| Yes  | 83         | 89         | 112        | 111        | 130        | 11          | 13        | 15        | 13        | 14        |
| No   | 176        | 158        | 197        | 226        | 224        | 19          | 30        | 26        | 25        | 24        |
| Unknown  | 0          | 0          | 0          | 0          | 0          | 1           | 0         | 0         | 0         | 0         |
| <b>Total</b>                                     | <b>259</b> | <b>247</b> | <b>309</b> | <b>337</b> | <b>354</b> | <b>31</b>   | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> |

Figure 3.10

| <b>Australian States Cardiopulmonary Resuscitation 2012 (2011)</b> |                |                |               |                 |               |                |              |                |
|--|----------------|----------------|---------------|-----------------|---------------|----------------|--------------|----------------|
|  | QLD            | NSW            | ACT           | VIC             | TAS           | SA             | NT           | WA             |
| Yes  | 51 (57)        | 56 (54)        | 10 (4)        | 54 (59)         | 12 (3)        | 19 (23)        | 5 (4)        | 17 (22)        |
| No   | 27 (10)        | 32 (23)        | 2 (4)         | 38 (48)         | 3 (3)         | 10 (12)        | 3 (0)        | 15 (11)        |
| <b>Total</b>   | <b>78 (67)</b> | <b>88 (77)</b> | <b>12 (8)</b> | <b>92 (107)</b> | <b>15 (6)</b> | <b>29 (35)</b> | <b>8 (4)</b> | <b>32 (33)</b> |

# Pathway of Organ Donation



## AUTHORITY SOUGHT FOR ORGAN DONATION

The predominant group requesting authority for organ donation in 2012 were the Intensive Care Clinicians and Registrars, (65%) in Australia and (90%) in New Zealand shown in Figure 3.11.

In Australia, authority for organ donation was sought by donor coordinators in only one case (Figure 3.11).

See Figure 3.12 for individual State and Territory statistics.

Authority for organ donation was not sought by donor coordinators in New Zealand.

In 2012, 31% of families volunteered authority for organ donation in Australia, down 5%, compared to 36% in 2011 (Figure 3.11).

In New Zealand, 5% volunteered authority in 2012 compared to 13% in 2011 and 22% in 2010.

Figure 3.11

| Authority to Donate 2008 - 2012 |            |            |            |            |            |             |           |           |           |           |
|---------------------------------|------------|------------|------------|------------|------------|-------------|-----------|-----------|-----------|-----------|
|                                 | Australia  |            |            |            |            | New Zealand |           |           |           |           |
|                                 | 2008       | 2009       | 2010       | 2011       | 2012       | 2008        | 2009      | 2010      | 2011      | 2012      |
| ICU Clinician                   | 153        | 147        | 200        | 179        | 214        | 19          | 31        | 29        | 30        | 33        |
| ICU Registrar                   | 10         | 4          | 13         | 18         | 15         | 0           | 2         | 1         | 1         | 1         |
| Emergency Consultant/Registrar  | 6          | 2          | 9          | 14         | 7          | 0           | 0         | 0         | 0         | 0         |
| Other Physicians/Anaesthetist   | 1          | 0          | 0          | 1          | 2          | 2           | 2         | 1         | 2         | 2         |
| Donor Coordinator               | 4          | 2          | 2          | 1          | 1          | 0           | 0         | 0         | 0         | 0         |
| Volunteered by Family           | 83         | 90         | 82         | 123        | 110        | 8           | 7         | 9         | 5         | 2         |
| Drivers Licence - No Family     | 0          | 0          | 0          | 0          | 1          | 0           | 0         | 0         | 0         | 0         |
| Nursing Staff - Social Worker   | 0          | 2          | 2          | 1          | 4          | 2           | 1         | 1         | 0         | 0         |
| Accident and Emergency Staff    | 2          | 0          | 0          | 0          | 0          | 0           | 0         | 0         | 0         | 0         |
| Unknown                         | 0          | 0          | 1          | 0          | 0          | 0           | 0         | 0         | 0         | 0         |
| <b>Total</b>                    | <b>259</b> | <b>247</b> | <b>309</b> | <b>337</b> | <b>354</b> | <b>31</b>   | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> |

Figure 3.12

| Authority to Donate 2012 (2011) |                |                |               |                 |               |                |              |                |
|---------------------------------|----------------|----------------|---------------|-----------------|---------------|----------------|--------------|----------------|
|                                 | QLD            | NSW            | ACT           | VIC             | TAS           | SA             | NT           | WA             |
| ICU Clinician                   | 41 (23)        | 70 (53)        | 7 (5)         | 40 (56)         | 9 (4)         | 20 (13)        | 8 (3)        | 19 (22)        |
| ICU Registrar                   | 2 (3)          | 2 (3)          | 0 (1)         | 6 (10)          | 0 (0)         | 2 (1)          | 0 (0)        | 3 (3)          |
| Emergency Consultant/Registrar  | 0 (0)          | 2 (1)          | 0 (1)         | 4 (11)          | 0 (0)         | 0 (0)          | 0 (0)        | 1 (1)          |
| Other Physicians/Anaesthetist   | 0 (0)          | 0 (0)          | 0 (0)         | 2 (1)           | 0 (0)         | 0 (0)          | 0 (0)        | 0 (0)          |
| Donor Coordinator               | 0 (0)          | 0 (0)          | 0 (0)         | 0 (0)           | 0 (0)         | 0 (0)          | 0 (0)        | 1 (1)          |
| Volunteered by Family           | 35 (43)        | 14 (20)        | 4 (2)         | 37 (28)         | 6 (2)         | 7 (21)         | 0 (1)        | 7 (6)          |
| Drivers Licence - No Family     | 0 (0)          | 0 (0)          | 0 (0)         | 0 (0)           | 0 (0)         | 0 (0)          | 0 (0)        | 0 (0)          |
| Nursing Staff - Social Worker   | 0 (0)          | 0 (0)          | 1 (0)         | 2 (1)           | 0 (0)         | 0 (0)          | 0 (0)        | 1 (0)          |
| <b>Total</b>                    | <b>78 (67)</b> | <b>89 (77)</b> | <b>12 (8)</b> | <b>91 (107)</b> | <b>15 (6)</b> | <b>29 (35)</b> | <b>8 (4)</b> | <b>32 (33)</b> |



# Pathway of Organ Donation

## DONATION NOT PROCEEDING

An intended donor is a person from whom authority has been given or volunteered, but organ donation did not proceed. For example a donation may not proceed due to positive virology tests, cardiac arrest or further investigations discovered a cancer or infection. An example why an intended DCD donor may not proceed to donation could be the time to cardiac standstill has been exceeded.

In Australia, there were 75 donors who did not proceed down the donation pathway and reasons for this are described in Figure 3.14. Twenty donors (27%) were following the DBD pathway and 55 (73%) were of the DCD pathway (Figure 3.13).

Figure 3.13

| Actual vs Intended (Non-Proceeding) Donors 2012 |           |          |          |          |           |          |
|---|-----------|----------|----------|----------|-----------|----------|
|   | DBD       |          | DCD      |          | Total     |          |
|   | Actual    | Intended | Actual   | Intended | Actual    | Intended |
| QLD   | 62 (91%)  | 6 (9%)   | 16 (59%) | 11 (41%) | 78 (82%)  | 17 (18%) |
| NSW   | 69 (95%)  | 4 (5%)   | 19 (56%) | 15 (44%) | 88 (82%)  | 19 (18%) |
| ACT   | 10 (100%) | -        | 2 (100%) | -        | 12 (100%) | -        |
| VIC   | 62 (92%)  | 5 (8%)   | 30 (52%) | 28 (48%) | 92 (73%)  | 33 (27%) |
| TAS   | 15 (100%) | -        | -        | -        | 15 (100%) | -        |
| SA  | 25 (93%)  | 2 (7%)   | 4 (80%)  | 1 (20%)  | 29 (91%)  | 3 (9%)   |
| NT  | 7 (100%)  | -        | 1 (100%) | -        | 8 (100%)  | -        |
| WA  | 27 (90%)  | 3 (10%)  | 5 (100%) | -        | 32 (91%)  | 3 (9%)   |
| AUST  | 277 (93%) | 20 (7%)  | 77 (58%) | 55 (42%) | 354 (83%) | 75 (17%) |
| NZ  | 38 (100%) | -        | -        | -        | 38 (100%) | -        |

Figure 3.14

| Reasons Why Donation Did Not Proceed 2012               |                                      |
|---|--------------------------------------|
| Australia and New Zealand                               |                                      |
| Did not proceed to cardiac standstill - DCD donors (23) |                                      |
| Consent withdrawn (5)                                   | Disease of organs (13)               |
| Extended ischaemic time (8)                             | High Risk on Medical Social Form (3) |
| IV Drug Use (3)   | Medically Unsuitable (11)            |
| Malignancy (3)  | Pathologist Refusal (2)              |
| No Suitable recipients (4)                              |                                      |

# Pathway of Organ Donation

## DONATION AFTER CARDIAC DEATH

### Australia

The majority of organs are donated by donation after brain death (DBD) donors.

After certification of brain death, the donor remains on the ventilator and the removal of organs may occur many hours later.

Donation after circulatory death (DCD) donors are defined as patients accordingly using the criterion of irreversible cessation of circulation.

As soon as cessation of circulation is confirmed the retrieval procedure is commenced in order to minimise warm ischaemic time.

The number of DCD donors since 1989 has risen to 363 donors for Australia and yet remained the same at nine donors for New Zealand.

In 2012 there were 77 DCD donors; 30 in Victoria, 19 in New South Wales, 16 in Queensland, four in South Australia, five in Western Australia, two in the Australian Capital Territory (ACT) and one in the Northern Territory (Figure 3.15)

The first multi-organ DCD was performed in South Australia in 2006.

In 2012, the mean age for a DCD donor was 47.5 years and age range was 14.7 years to 73.2 years.

Causes of death leading to donation after circulatory death in 2012 were CVA (22), hypoxia-anoxia (22), road trauma (9), other trauma (8), cerebral oedema (1) and other causes (15).

Three of the 77 actual DCD donors in 2012 did not have any organs transplanted, but all of those donors went on to become tissue donors with corneas sent to the Tissue Bank.

There were 55 intended DCD donors during 2012; 25 did not proceed to cardiac standstill; eight had disease of organs; eight had extended ischaemic times; three each were medically unsuitable, had no suitable recipients or consent withdrawn; two had a malignancy; and one each was high risk on medical social assessment, IV drug use and pathologist refusal.

### New Zealand

There were no DCD donors in New Zealand in 2012.

Figure 3.15

| Donation After Circulatory Death 2008 - 2012 |     |     |     |     |     |    |    |    |      |    |
|--|-----|-----|-----|-----|-----|----|----|----|------|----|
| YEAR   | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST | NZ |
| 2008   | 5   | 10  | 2   | 3   | 0   | 3  | 0  | 0  | 23   | 2  |
| 2009   | 5   | 15  | 2   | 17  | 0   | 3  | 0  | 0  | 42   | 2  |
| 2010   | 13  | 24  | 3   | 24  | 0   | 5  | 0  | 0  | 69   | 1  |
| 2011   | 18  | 18  | 2   | 32  | 0   | 8  | 1  | 7  | 86   | 2  |
| 2012   | 16  | 19  | 2   | 30  | 0   | 4  | 1  | 5  | 77   | 0  |



# Pathway of Organ Donation

## TIME FROM ADMISSION TO BRAIN DEATH

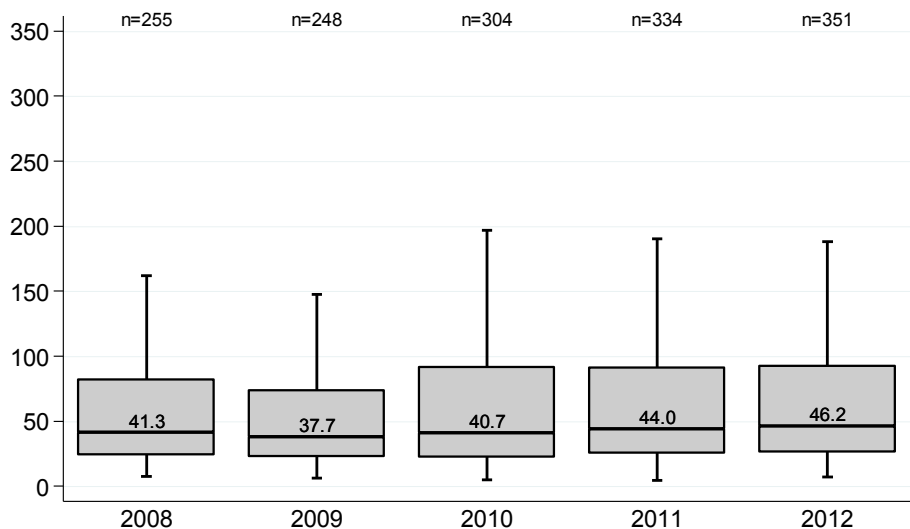
### AUSTRALIA

In 2012, 20.1% of Australian donors were declared brain dead within 23 hours of hospital admission.

The median time from admission to brain death was 46.2 hours.

Seventeen percent (59 donors) were in hospital for more than five days.

**Figure 3.16** Time from Admission to Brain Death  
Australia 2008-2012



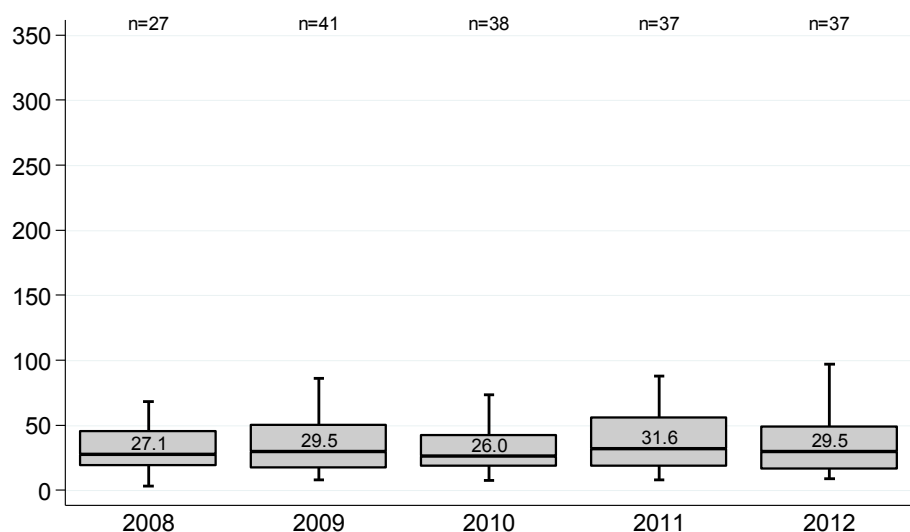
### NEW ZEALAND

In 2012, 39.5% of New Zealand donors were declared brain dead within 23 hours of hospital admission.

Time of admission to hospital was unknown in only one donor. The median time from admission to brain death was 29.5 hours.

Eight percent (three donors) were in hospital for more than five days.

**Figure 3.17** Time from Admission to Brain Death  
New Zealand 2008-2012



\* For DCD donors, this is the time from admission to cardiac death

\*\* Excluded from analysis are donors in Australia and New Zealand where no admission date was reported.

# Pathway of Organ Donation



## TIME FROM VENTILATION TO BRAIN DEATH

Figure 3.18

**Time from Ventilation to Brain Death  
Australia 2008-2012**

### AUSTRALIA

In 2012, the median time from ventilation to brain death was 44.4 hours.

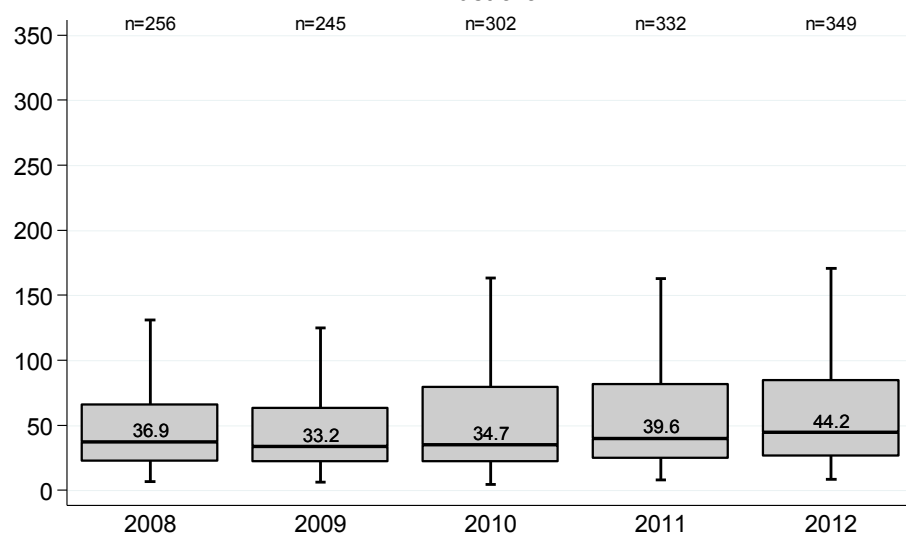
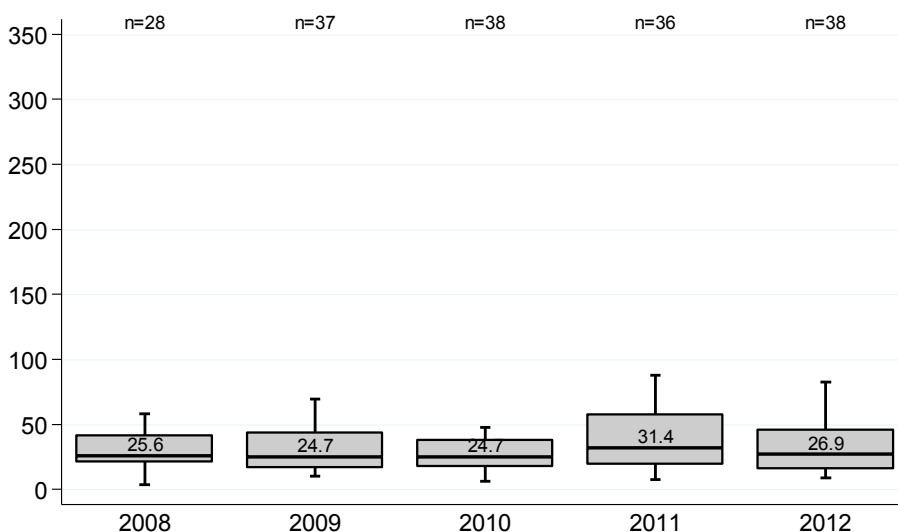


Figure 3.19

**Time from Ventilation to Brain Death  
New Zealand 2008-2012**

### NEW ZEALAND

The median time in New Zealand from ventilation to brain death was 27.1 hours.



\* For DCD donors, this is the time from ventilation to cardiac death

\*\* Excluded from analysis were donors in Australia with no ventilation date reported.



# Pathway of Organ Donation

## TIME FROM BRAIN DEATH TO AORTIC CROSS CLAMP

Figure 3.20

**Time from Brain Death to Aortic Cross Clamp  
Australia 2008-2012**

### AUSTRALIA

In 2012, 50 heart beating donors (18%) had undergone aortic cross clamp within twelve hours of the certification of brain death.

The median time was 18.5 hours.

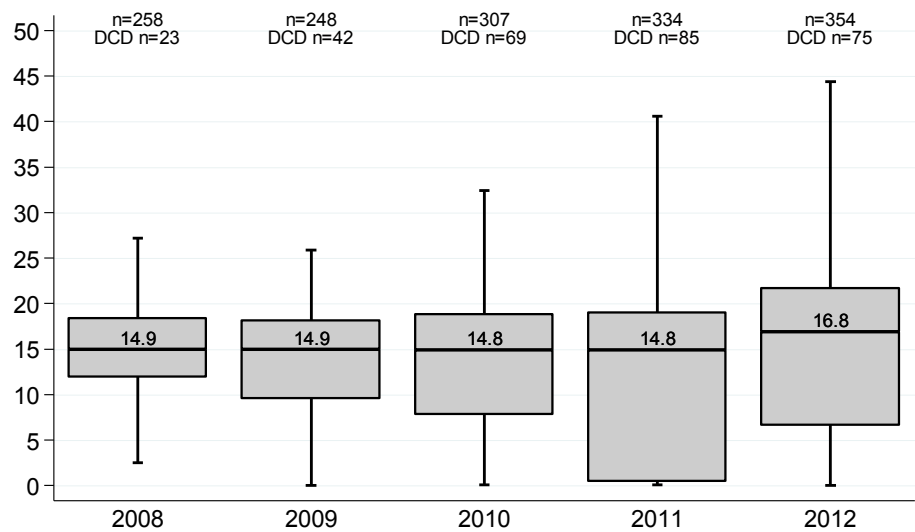


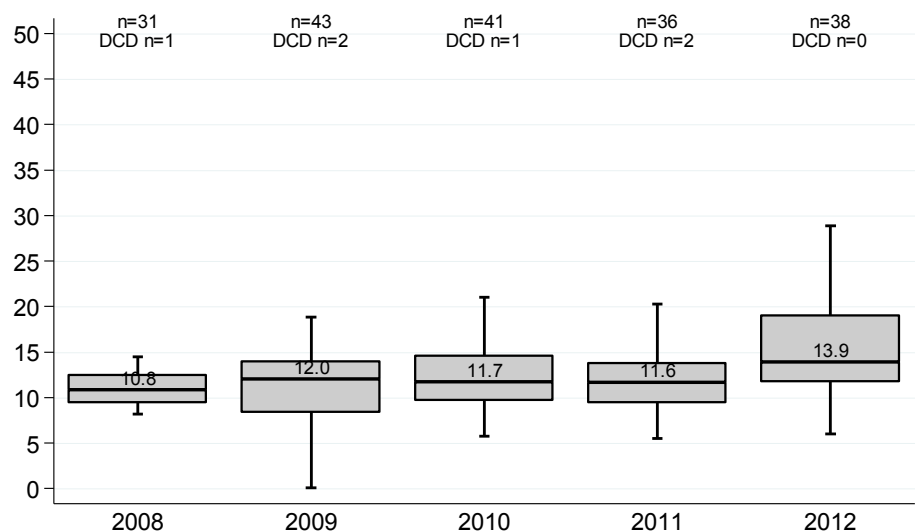
Figure 3.21

**Time from Brain Death to Aortic Cross Clamp  
New Zealand 2008-2012**

### NEW ZEALAND

In 2012, 9 heart beating donors (24%) had undergone aortic cross clamp within twelve hours of the certification of brain death.

The median time was 14.2 hours.





# Pathway of Organ Donation



## DONOR MAINTENANCE

### DRUGS FOR MAINTENANCE OF THE DONOR

#### (GIVEN IN THE INTENSIVE CARE/CRITICAL CARE UNIT)

##### AUSTRALIA

There were 24 donors (7%) who did not require maintenance drug support in 2012. Fifteen were DCD donors.

Antidiuretic agents (desmopressin/vasopressin) were prescribed to 62% (220) of all donors.

##### MAP <50 mm Hg

Mean arterial blood pressure (MAP) <50 mm Hg was recorded in 3% (12) of donors in Australia, in 2012. Five donors had a duration of less than one hour and seven donors had one hour or longer. Range was 15 minutes to 24 hours.

##### NEW ZEALAND

In 2012 there were 3% (1) of donors who did not require inotropic support.

Antidiuretic agents were prescribed to 67% (26) of all donors.

##### MAP <50 mm Hg

Two donors were reported with a mean arterial blood pressure (MAP) <50 mmHg with a duration of one hour.

## TERMINAL TREATMENT

### (PROVIDED IN THE OPERATING THEATRE)

##### AUSTRALIA

There were 52 donors who did not receive any heparin as part of their terminal treatment in 2012. Forty four of those donors were DCD (donation after circulatory death) donors.

Forty donors did not receive any terminal treatment; 37 of those were DCD donors.

##### NEW ZEALAND

There was one donor who did not receive any heparin, nor any other drugs as part of their terminal treatment in 2012. This was a heart beating donor.



# Pathway of Organ Donation

## SUMMARY - ORGANS REQUESTED, CONSENT GIVEN, RETRIEVED AND TRANSPLANTED

The information relating to the request for organ donation refers only to those patients who become actual 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 known objection by the donor or family refusal for the specific organ. Reasons for not requesting organs, not retrieving and not transplanting are documented for all of the specific organs.

For further details see Appendix I for Australia and Appendix II for New Zealand. Figure 3.22 shows the outcome of organs requested in 2012 (2011).

Figure 3.22

| Outcome Following Request for Organ Donation 2012 (2011)  |                         |           |           |           |           |             |                        |
|---|-------------------------|-----------|-----------|-----------|-----------|-------------|------------------------|
|   |                         | Kidneys   | Liver     | Heart     | Lungs     | Pancreas    | Stomach/<br>Intestines |
| Australia   | Requested               | 690 (658) | 334 (295) | 258 (236) | 594 (594) | 266 (264)   | 40 (39)                |
|   | Consent Given           | 688 (656) | 329 (295) | 247 (227) | 586 (586) | 258 (259)   | 34 (34)                |
|   | Retrieved               | 636 (605) | 218 (200) | 77 (66)   | 308 (308) | 70 (76)     | 0 (0)                  |
|   | Recipients Transplanted | 607 (570) | 230 (213) | 76 (66)   | 144 (306) | (+42) (+35) | 0 (0)                  |
| New Zealand   | Requested               | 74 (76)   | 37 (37)   | 30 (28)   | 66 (58)   | 22 (29)     | 0 (0)                  |
|   | Consent Given           | 72 (76)   | 36 (37)   | 28 (28)   | 62 (58)   | 22 (29)     | 0 (0)                  |
|   | Retrieved               | 57 (66)   | 30 (30)   | 12 (12)   | 56 (26)   | 3 (4)       | 0 (0)                  |
|   | Recipients Transplanted | 54 (61)   | 32 (30)   | 12 (12)   | 28 (26)   | 2 (3)       | 0 (0)                  |
| <p><b>Kidneys and lungs are counted as separate organs</b></p> <p>+ Includes (4) 2012 and (9) 2011 pancreas islet transplants</p> |                         |           |           |           |           |             |                        |

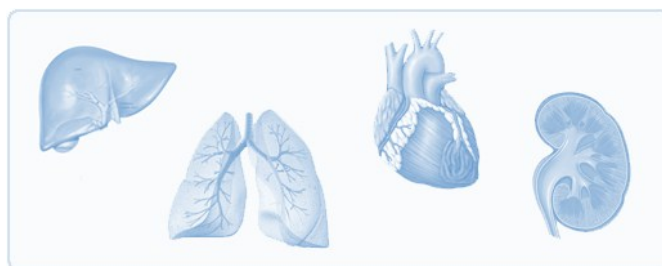
## ORGANS REQUESTED

The requests for specific organs in Australia in 2012 from 354 organ donors were: kidneys 97.5%, liver 94.4%, heart 72.9%, lungs 87.8% and pancreas 75.1%.

From the 38 New Zealand donors in 2012, the requests for specific organs were: kidneys 97.4%, liver 97.4%, heart 78.9%, lungs 86.8% and pancreas 58.0%.

# Pathway of Organ Donation

## ORGANS RETRIEVED



The organs retrieved in each donor state by retrieval state team is detailed in the Supplement 1 - Australia and Supplement 2 - New Zealand, at the end of this report.

Of all organs retrieved in Australia only 3% (39) were not used and 2% (26) went to research. Of those used for research the majority (18) were pancreas islets, 4 double lungs and one each of the organ kidney, liver, heart and pancreas. The reason organs were not used are identified in Chapter 5 - Organ Data and in Supplement 1 for Australia and Supplement 2 for New Zealand.

## MULTIPLE ORGAN RETRIEVAL

There were 87 (25%) of Australian donors in 2012 who donated solid organs, who had a single organ retrieved, shown in Figure 3.23. Kidney only donation occurred in 70 cases.

Twelve donors in Australia went to theatre, but no solid organs were retrieved.

New Zealand had five single organ donors in 2012, two donating kidneys, two donating a liver and one donating a lung.

In Australia 72% (255) donors and in New Zealand 76% (29) donors had two or more organs retrieved for the purpose of transplantation.

Figure 3.23

| Multiple Organ Retrieval 2008 - 2012 |             |             |             |             |              |             |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| Number of Organs                     | Australia   |             |             |             |              | New Zealand |             |             |             |             |
|                                      | 2008        | 2009        | 2010        | 2011        | 2012         | 2008        | 2009        | 2010        | 2011        | 2012        |
| No organs                            | 4<br>(2%)   | 7<br>(3%)   | 7<br>(2%)   | 8<br>(2%)   | 12<br>(3%)   | 0<br>(0%)   | 2<br>(5%)   | 3<br>(8%)   | 3<br>(8%)   | 4<br>(11%)  |
| Single                               | 44<br>(17%) | 43<br>(17%) | 60<br>(19%) | 89<br>(26%) | 87<br>(25%)  | 6<br>(19%)  | 7<br>(16%)  | 9<br>(22%)  | 4<br>(11%)  | 5<br>(13%)  |
| Two                                  | 60<br>(23%) | 55<br>(22%) | 98<br>(32%) | 97<br>(29%) | 107<br>(30%) | 7<br>(23%)  | 15<br>(35%) | 12<br>(29%) | 10<br>(26%) | 12<br>(32%) |
| Three                                | 64<br>(25%) | 60<br>(24%) | 61<br>(20%) | 75<br>(22%) | 76<br>(21%)  | 12<br>(39%) | 14<br>(33%) | 12<br>(29%) | 16<br>(42%) | 8<br>(21%)  |
| Four                                 | 52<br>(20%) | 47<br>(19%) | 54<br>(17%) | 45<br>(13%) | 50<br>(14%)  | 5<br>(16%)  | 4<br>(9%)   | 5<br>(12%)  | 5<br>(13%)  | 9<br>(23%)  |
| Five                                 | 35<br>(14%) | 35<br>(14%) | 29<br>(9%)  | 23<br>(7%)  | 22<br>(6%)   | 1<br>(3%)   | 1<br>(2%)   | 0<br>(0%)   | 0<br>(0%)   | 0<br>(0%)   |

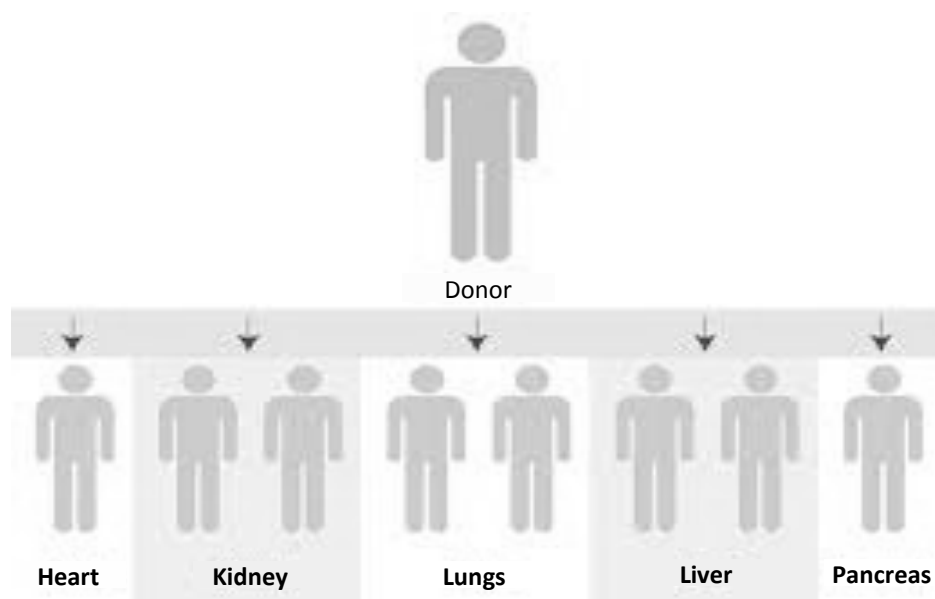


# Pathway of Organ Donation

Figure 3.24

| State/Country Comparison of Multiple Organ Retrieval 2012 |          |          |         |          |         |         |         |          |           |          |
|---|----------|----------|---------|----------|---------|---------|---------|----------|-----------|----------|
| Number Of Organs  | QLD      | NSW      | ACT     | VIC      | TAS     | SA      | NT      | WA       | AUST      | NZ       |
| No organs   | 3 (4%)   | 6 (7%)   | 2 (17%) | 1 (1%)   | 0 (0%)  | 0 (0%)  | 0 (0%)  | 0 (0%)   | 12 (3%)   | 4 (11%)  |
| One   | 20 (26%) | 20 (23%) | 3 (25%) | 24 (26%) | 4 (27%) | 6 (21%) | 1 (13%) | 9 (28%)  | 87 (25%)  | 5 (13%)  |
| Two   | 27 (35%) | 28 (32%) | 3 (25%) | 29 (32%) | 0 (0%)  | 7 (24%) | 2 (25%) | 11 (34%) | 107 (30%) | 12 (32%) |
| Three   | 16 (21%) | 18 (20%) | 3 (25%) | 23 (25%) | 3 (20%) | 6 (21%) | 3 (38%) | 4 (13%)  | 76 (21%)  | 8 (21%)  |
| Four  | 10 (13%) | 12 (14%) | 0 (0%)  | 13 (14%) | 4 (27%) | 4 (14%) | 1 (13%) | 6 (19%)  | 50 (14%)  | 9 (24%)  |
| Five  | 2 (3%)   | 4 (5%)   | 1 (8%)  | 2 (2%)   | 4 (27%) | 6 (21%) | 1 (13%) | 2 (6%)   | 22 (6%)   | 0 (0%)   |

For the above donor counts, 2 kidneys = 1 organ, 2 lungs = 1 organ  
On occasions when only one kidney or one lung is retrieved, this is also defined as one organ



One donor can benefit the lives of a number of recipients suffering end stage organ disease.

## ***Chapter 4***

### ***Donor Profile***





# Donor Profile

This chapter contains description in more detail of organ donors in Australia 2012 compared to 2011 (Fig 4.1). Key observations are the gender discrepancy for

DCD donors (where there are greater numbers of males than females). There is a preponderance of Caucasian donors, and the distribution of blood groups (largely O and A follows).

Figure 4.1

| Demographics of Deceased Donors in Australia 2011 - 2012 |                     |           |          |           |           |          |           |
|--|---------------------|-----------|----------|-----------|-----------|----------|-----------|
|  | 2011                |           |          | 2012      |           |          |           |
|  | DBD                 | DCD       | Total    | DBD       | DCD       | Total    |           |
| Aust   | Gender              |           |          |           |           |          |           |
|  | Male                | 123 (49%) | 62 (72%) | 185 (55%) | 144 (52%) | 57 (74%) | 201 (57%) |
|  | Female              | 128 (51%) | 24 (28%) | 152 (45%) | 133 (48%) | 20 (26%) | 153 (43%) |
|  | Age                 |           |          |           |           |          |           |
|  | 0-4                 | 2 (1%)    | 1 (1%)   | 3 (1%)    | 3 (1%)    |          | 3 (1%)    |
|  | 5-14                | 10 (4%)   |          | 10 (3%)   | 7 (3%)    | 1 (1%)   | 8 (2%)    |
|  | 15-24               | 23 (9%)   | 12 (14%) | 35 (10%)  | 39 (14%)  | 10 (13%) | 49 (14%)  |
|  | 25-34               | 29 (12%)  | 8 (9%)   | 37 (11%)  | 27 (10%)  | 5 (6%)   | 32 (9%)   |
|  | 35-44               | 26 (10%)  | 17 (20%) | 43 (13%)  | 39 (14%)  | 12 (16%) | 51 (14%)  |
|  | 45-54               | 57 (23%)  | 17 (20%) | 74 (22%)  | 53 (19%)  | 22 (29%) | 75 (21%)  |
|  | 55-64               | 62 (25%)  | 19 (22%) | 81 (24%)  | 59 (21%)  | 21 (27%) | 80 (23%)  |
|  | 65-74               | 33 (13%)  | 12 (14%) | 45 (13%)  | 40 (14%)  | 6 (8%)   | 46 (13%)  |
|  | 75+                 | 9 (4%)    |          | 9 (3%)    | 10 (4%)   |          | 10 (3%)   |
|  | BMI (kg/m2)         |           |          |           |           |          |           |
|  | Underweight (<18.5) | 11 (4%)   | 3 (3%)   | 14 (4%)   | 12 (4%)   | 1 (1%)   | 13 (4%)   |
|  | Normal (18.5-<25)   | 101 (40%) | 38 (44%) | 139 (41%) | 113 (41%) | 32 (42%) | 145 (41%) |
|  | Overweight(25-<30)  | 77 (31%)  | 27 (31%) | 104 (31%) | 97 (35%)  | 20 (26%) | 117 (33%) |
|  | Obese(>=30)         | 61 (24%)  | 18 (21%) | 79 (23%)  | 55 (20%)  | 24 (31%) | 79 (22%)  |
|  | Unknown             | 1 (0%)    |          | 1 (0%)    |           |          |           |
|  | Blood Group         |           |          |           |           |          |           |
|  | A                   | 99 (39%)  | 33 (38%) | 132 (39%) | 107 (39%) | 34 (44%) | 141 (40%) |
|  | AB                  | 8 (3%)    | 2 (2%)   | 10 (3%)   | 12 (4%)   | 3 (4%)   | 15 (4%)   |
|  | B                   | 19 (8%)   | 13 (15%) | 32 (9%)   | 32 (12%)  | 3 (4%)   | 35 (10%)  |
|  | O                   | 125 (50%) | 38 (44%) | 163 (48%) | 126 (45%) | 37 (48%) | 163 (46%) |
|  | Racial Origin       |           |          |           |           |          |           |
|  | Caucasian           | 239 (95%) | 83 (97%) | 322 (96%) | 258 (93%) | 73 (95%) | 331 (94%) |
|  | Aboriginal          | 3 (1%)    |          | 3 (1%)    | 3 (1%)    | 1 (1%)   | 4 (1%)    |
|  | Asian               | 8 (3%)    | 1 (1%)   | 9 (3%)    | 9 (3%)    | 1 (1%)   | 10 (3%)   |
|  | Maori               |           |          |           | 4 (1%)    |          | 4 (1%)    |
|  | Pacific Islander    |           | 1 (1%)   | 1 (0%)    | 1 (0%)    | 1 (1%)   | 2 (1%)    |
|  | Other               | 1 (0%)    | 1 (1%)   | 2 (1%)    | 2 (1%)    | 1 (1%)   | 3 (1%)    |
|  | Cause of Death      |           |          |           |           |          |           |
|  | CVA                 | 140 (56%) | 25 (29%) | 165 (49%) | 152 (55%) | 22 (29%) | 174 (49%) |
|  | Trauma (road)       | 24 (10%)  | 14 (16%) | 38 (11%)  | 29 (10%)  | 9 (12%)  | 38 (11%)  |
|  | Trauma (non-road)   | 23 (9%)   | 10 (12%) | 33 (10%)  | 29 (10%)  | 8 (10%)  | 37 (10%)  |
|  | Hypoxia-Anoxia      | 53 (21%)  | 24 (28%) | 77 (23%)  | 52 (19%)  | 31 (40%) | 83 (23%)  |
|  | Cerebral Tumour     | 1 (0%)    |          | 1 (0%)    | 1 (0%)    |          | 1 (0%)    |
|  | Other               | 10 (4%)   | 13 (15%) | 23 (7%)   | 14 (5%)   | 7 (9%)   | 21 (6%)   |

# Donor Profile



In New Zealand in 2012 there were no DCD donors. Reflecting greater heterogeneity in the racial origin of donors, there were more blood group B donors than in

Australia. There were a lower proportion of donors <25 years, compared with Australia, but similar proportion ≥65 years of age.

Figure 4.2

| Demographics of Deceased Donors in New Zealand 2011 - 2012 |                     |          |          |          |          |          |
|--|---------------------|----------|----------|----------|----------|----------|
|  | 2011                |          |          | 2012     |          |          |
|  | DBD                 | DCD      | Total    | DBD      | DCD      | Total    |
| NZ   | Gender              |          |          |          |          |          |
|  | Male                | 22 (61%) | 2 (100%) | 24 (63%) | 17 (45%) | 17 (45%) |
|  | Female              | 14 (39%) |          | 14 (37%) | 21 (55%) | 21 (55%) |
|  | Age                 |          |          |          |          |          |
|  | 5-14                | 2 (6%)   | 1 (50%)  | 3 (8%)   | 2 (5%)   | 2 (5%)   |
|  | 15-24               | 9 (25%)  |          | 9 (24%)  | 3 (8%)   | 3 (8%)   |
|  | 25-34               | 4 (11%)  |          | 4 (11%)  | 3 (8%)   | 3 (8%)   |
|  | 35-44               | 4 (11%)  |          | 4 (11%)  | 9 (24%)  | 9 (24%)  |
|  | 45-54               | 9 (25%)  | 1 (50%)  | 10 (26%) | 10 (26%) | 10 (26%) |
|  | 55-64               | 4 (11%)  |          | 4 (11%)  | 5 (13%)  | 5 (13%)  |
|  | 65-74               | 4 (11%)  |          | 4 (11%)  | 4 (11%)  | 4 (11%)  |
|  | 75+                 |          |          |          | 2 (5%)   | 2 (5%)   |
|  | BMI (kg/m2)         |          |          |          |          |          |
|  | Underweight (<18.5) | 1 (3%)   | 1 (50%)  | 2 (5%)   |          |          |
|  | Normal (18.5-<25)   | 15 (42%) | 1 (50%)  | 16 (42%) | 19 (50%) | 19 (50%) |
|  | Overweight(25-<30)  | 16 (44%) |          | 16 (42%) | 9 (24%)  | 9 (24%)  |
|  | Obese(≥30)          | 4 (11%)  |          | 4 (11%)  | 10 (26%) | 10 (26%) |
|  | Blood Group         |          |          |          |          |          |
|  | A                   | 12 (33%) |          | 12 (32%) | 9 (24%)  | 9 (24%)  |
|  | AB                  |          |          |          | 2 (5%)   | 2 (5%)   |
|  | B                   | 3 (8%)   |          | 3 (8%)   | 5 (13%)  | 5 (13%)  |
|  | O                   | 21 (58%) | 2 (100%) | 23 (61%) | 22 (58%) | 22 (58%) |
|  | Racial Origin       |          |          |          |          |          |
|  | Caucasian           | 28 (78%) | 2 (100%) | 30 (79%) | 28 (74%) | 28 (74%) |
|  | Asian               | 1 (3%)   |          | 1 (3%)   | 3 (8%)   | 3 (8%)   |
|  | Maori               | 3 (8%)   |          | 3 (8%)   | 6 (16%)  | 6 (16%)  |
|  | Pacific Islander    | 4 (11%)  |          | 4 (11%)  | 1 (3%)   | 1 (3%)   |
|  | Cause of Death      |          |          |          |          |          |
|  | CVA                 | 18 (50%) |          | 18 (47%) | 15 (39%) | 15 (39%) |
|  | Trauma (road)       | 4 (11%)  | 2 (100%) | 6 (16%)  | 4 (11%)  | 4 (11%)  |
|  | Trauma (non-road)   | 4 (11%)  |          | 4 (11%)  | 6 (16%)  | 6 (16%)  |
|  | Hypoxia-Anoxia      | 8 (22%)  |          | 8 (21%)  | 8 (21%)  | 8 (21%)  |
|  | Other               | 2 (6%)   |          | 2 (5%)   | 5 (13%)  | 5 (13%)  |



# Donor Profile

## AGE AND GENDER DISTRIBUTION IN AUSTRALIA AND NEW ZEALAND

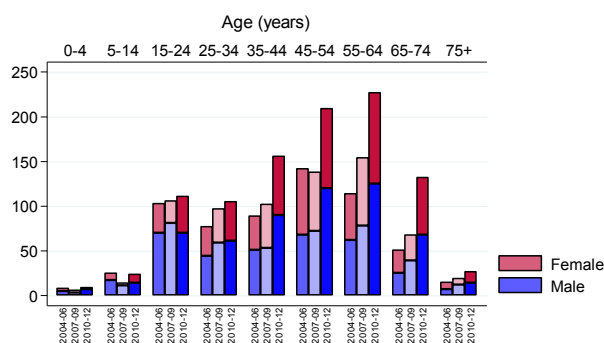
In Australia in 2012, 16% (56 donors) were 65 years or older and 3% (ten donors) were aged 75 years or older. The oldest donor was 88.2 years and the youngest 1.5 years (Figure 4.9).

The mean age for donors in Australia in 2012, was 47.3 years, the highest since records began in 1989.

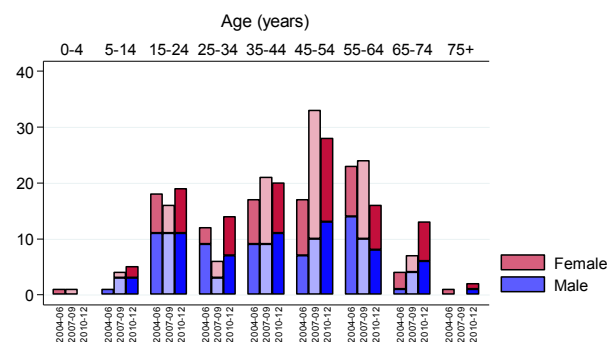
The mean age in 1989 was 32.4 years and the age range was between 16.5 months and 69.5 years.

Figure 4.3 - 4.8 shows donors according to age and gender in Australia and New Zealand for the years 2004-2006, 2007-2009 and 2010-2012.

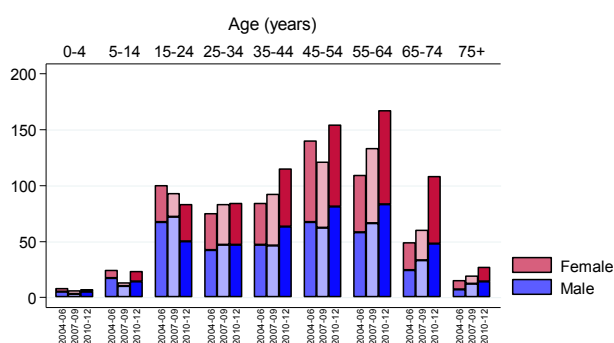
**Figure 4.3** Age and Gender of Deceased Donors  
Australia 2004-2012



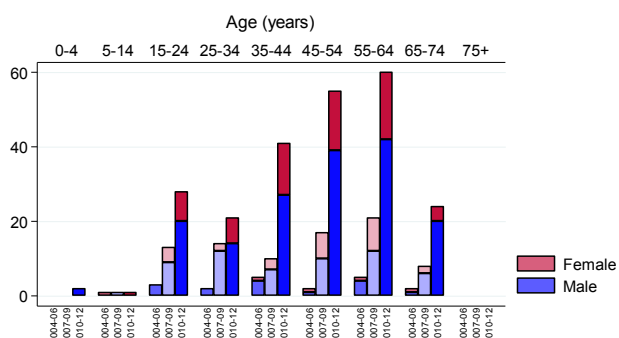
**Figure 4.4** Age and Gender of Deceased Donors  
New Zealand 2004-2012



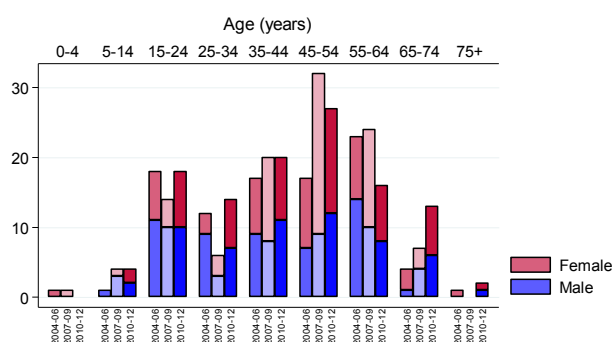
**Figure 4.5** Age and Gender Donors After Brain Death  
Australia 2004-2012



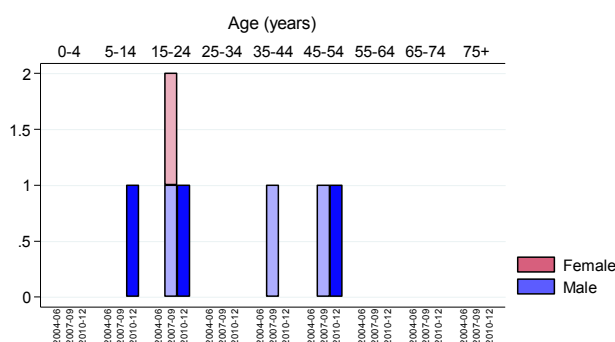
**Figure 4.6** Age and Gender Donors After Cardiac Death  
Australia 2004-2012



**Figure 4.7** Age and Gender Donors After Brain Death  
New Zealand 2004-2012



**Figure 4.8** Age and Gender Donors After Cardiac Death  
New Zealand 2004-2012





# Donor Profile



The mean age for the larger Australian States in 2012 ranged from 43.1 years in Queensland to 49.7 years in Victoria. If the smaller States and Territories are included the range was 42.9 years in Northern Territory to 61.1 years in Australian Capital Territory.

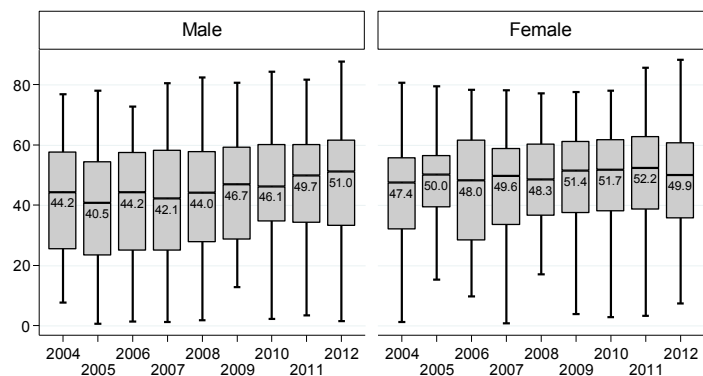
The median age for the larger Australian States in 2012 ranged from 43.8 years in Queensland to 53.5 years in Victoria. If the smaller States and Territories are included the range was 43.8 years in Queensland to 63.8 years in the Australian Capital Territory.

The median age for Australia in 2012 was 50.5 years, the highest since records began in 1989.

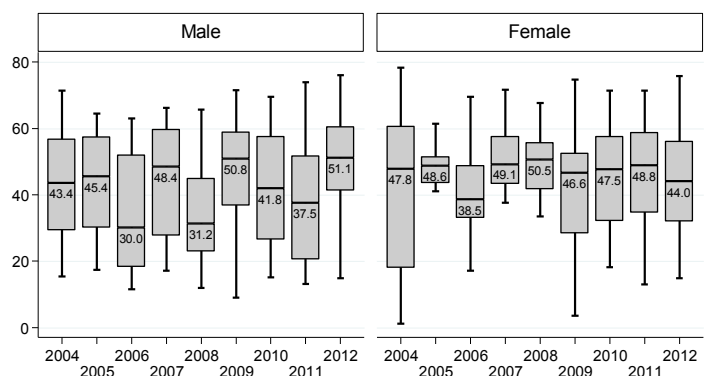
The median age for donors from 2004 to 2012 for each State by donor type (donation after brain death or cardiac death) are shown in Figures 4.14 to 4.21.

In New Zealand the median age increased from 44.0 years in 2011 to 49.2 years in 2012. There were two donors aged 75 years or over (up from zero in 2011) and no donors aged less than 5 years. The age range was between 14.8 years and 76.1 years.

**Figure 4.9** Age of Male and Female Donors 2004-2012  
Australia



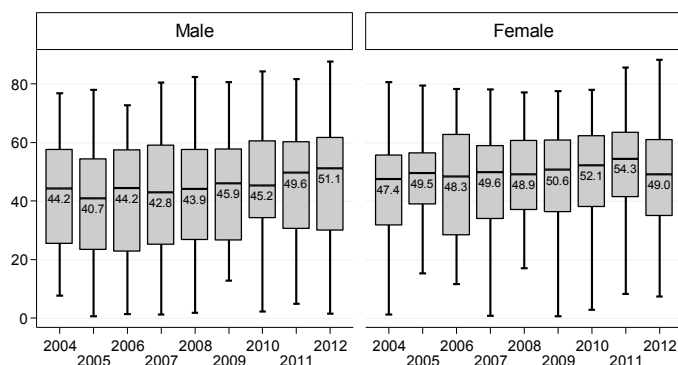
**Figure 4.10** Age of Male and Female Donors 2004-2012  
New Zealand





# Donor Profile

**Figure 4.11** Age of Male and Female Donors After Brain Death  
2004-2012 Australia

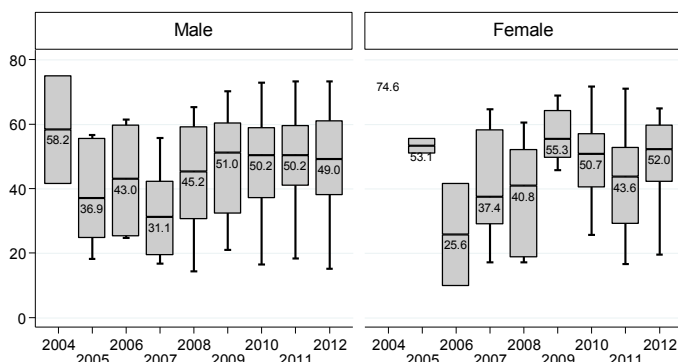


Age and gender of donors by donor type is shown per year from 2004 - 2012 in Figures 4.11 to 4.13.



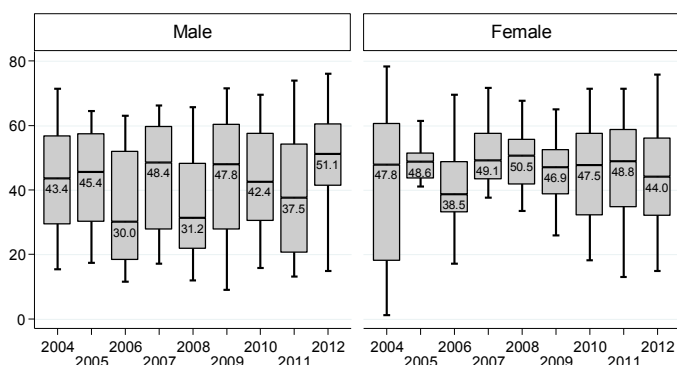
**Figure 4.12**

Age of Male and Female Donors After Cardiac Death  
2004-2012 Australia



Figures 4.14 to 4.21 display donor age by donor type in each State.

**Figure 4.13** Age of Male and Female Donors After Brain Death  
2004-2012 New Zealand

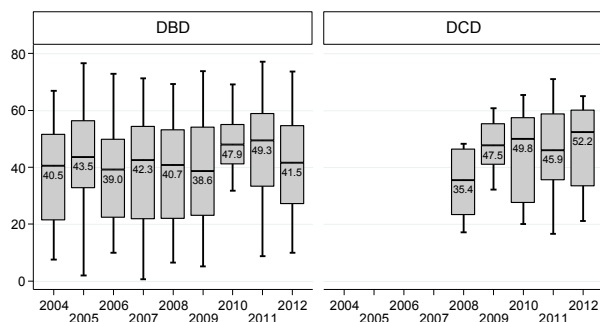


**New Zealand**

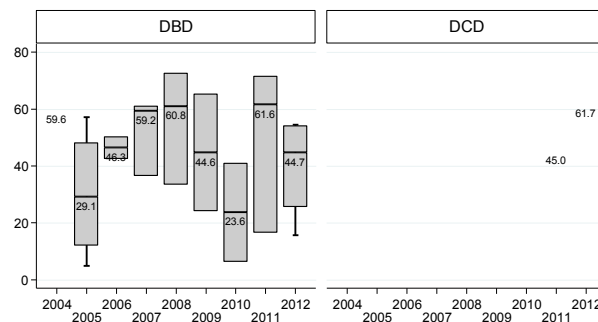
# Donor Profile



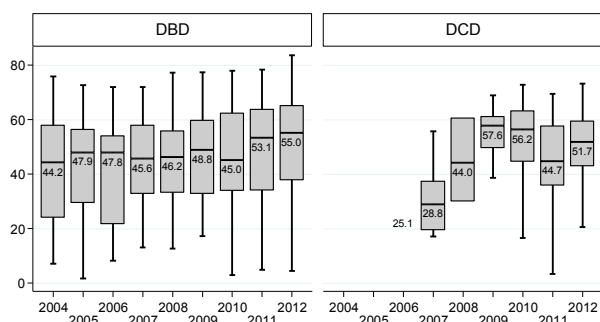
**Figure 4.14** Age of Deceased Donors 2004-2012  
Queensland



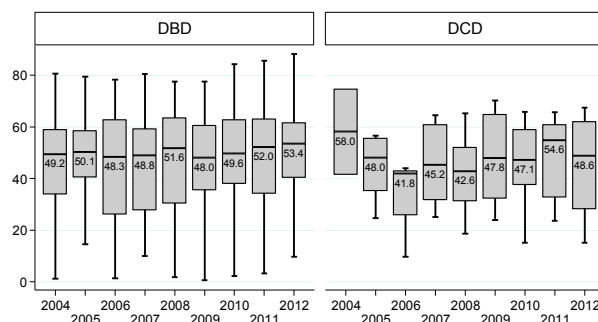
**Figure 4.15** Age of Deceased Donors 2004-2012  
Northern Territory



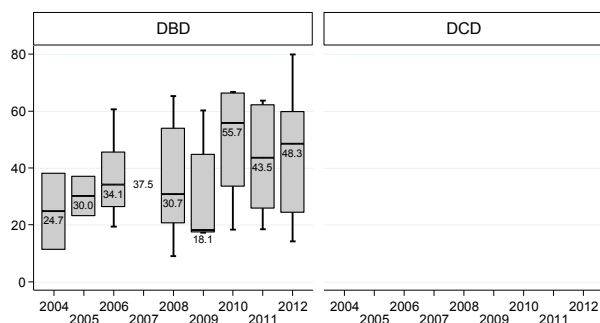
**Figure 4.16** Age of Deceased Donors 2004-2012  
Victoria



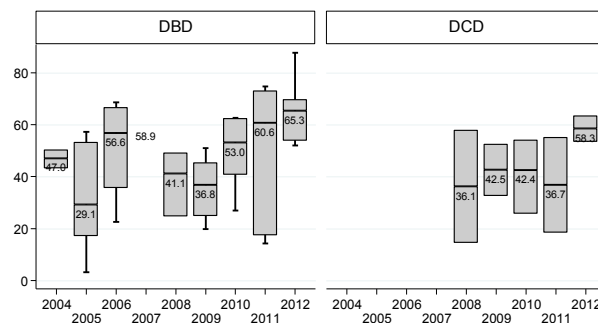
**Figure 4.17** Age of Deceased Donors 2004-2012  
New South Wales



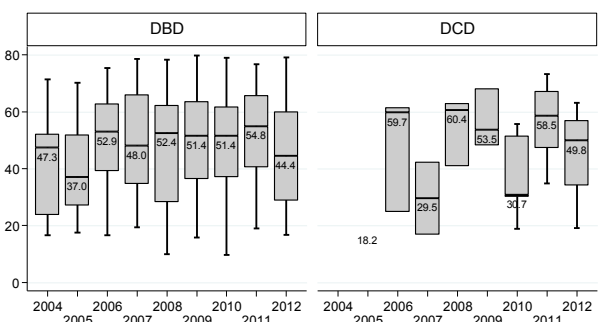
**Figure 4.18** Age of Deceased Donors 2004-2012  
Tasmania



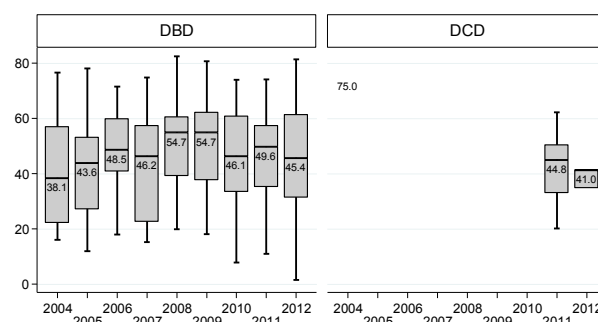
**Figure 4.19** Age of Deceased Donors 2004-2012  
Australian Capital Territory



**Figure 4.20** Age of Deceased Donors 2004-2012  
South Australia



**Figure 4.21** Age of Deceased Donors 2004-2012  
Western Australia

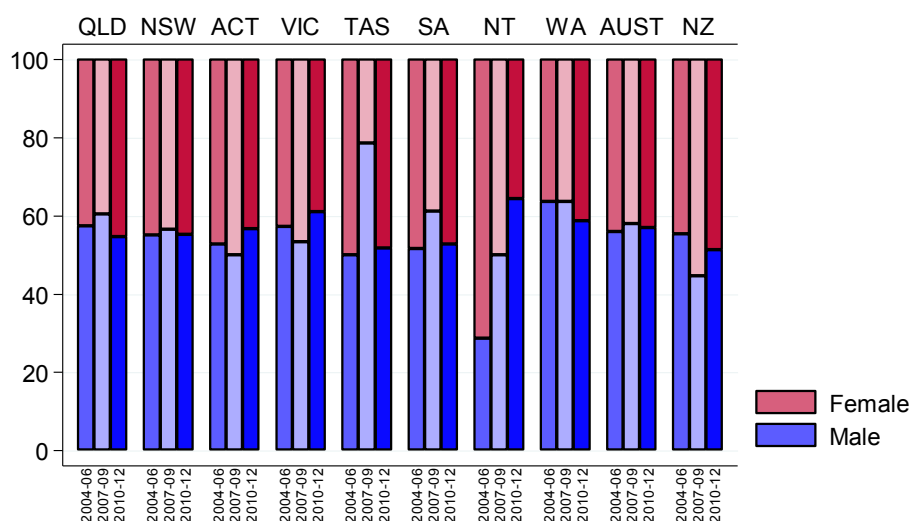




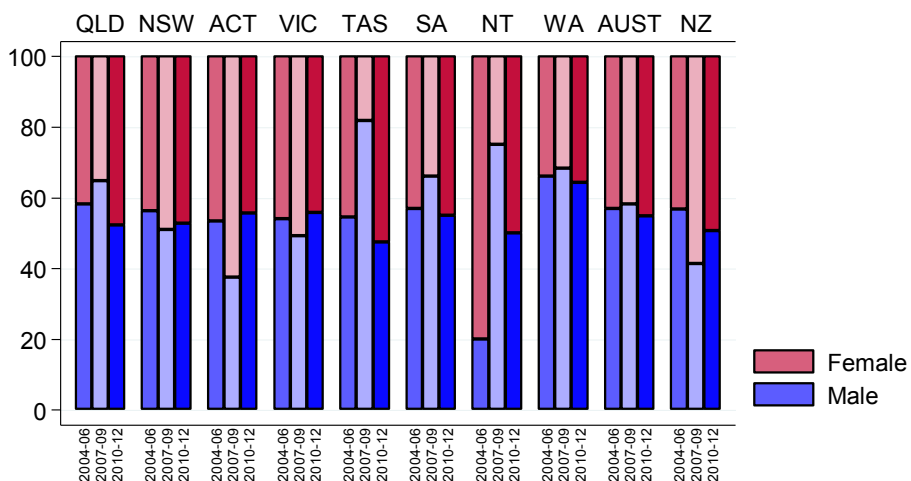
# Donor Profile

Donor gender in each State, Australia and New Zealand is shown in three year cohorts in Figures 4.22 to 4.25. Figures 4.23 to 4.25 also shows the gender distribution, taking into account the assessment criteria for donors.

**Figure 4.22** Gender by State, Australia, New Zealand  
2004-2012



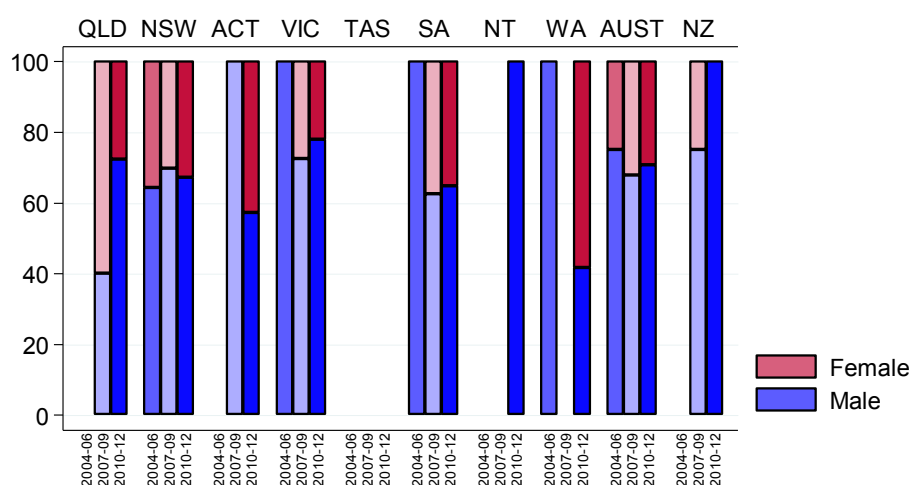
**Figure 4.23** Gender by State, Australia, New Zealand  
Standard Criteria Donors  
2004-2012



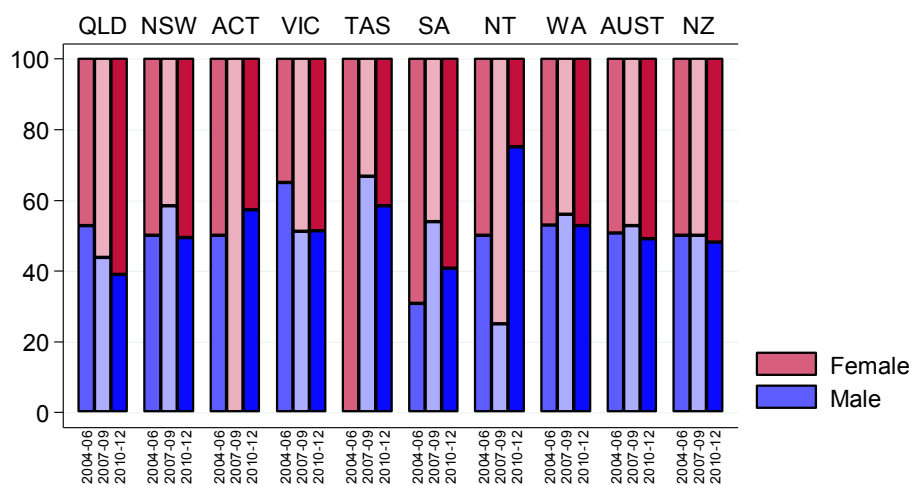
# Donor Profile



**Figure 4.24** Gender by State, Australia, New Zealand  
Donors After Cardiac Death  
2004-2012



**Figure 4.25** Gender by State, Australia, New Zealand  
Expanded Criteria Donors  
2004-2012





# Donor Profile



The Ethnic Origin of Donors has remained stable over the past 5 year, both in Australia and in New Zealand.

Figure 4.26

| Ethnic Origin of Donors 2008 - 2012 |           |           |           |           |           |             |          |          |          |          |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-------------|----------|----------|----------|----------|
| Donor racial/<br>ethnic origin      | Australia |           |           |           |           | New Zealand |          |          |          |          |
|                                     | 2008      | 2009      | 2010      | 2011      | 2012      | 2008        | 2009     | 2010     | 2011     | 2012     |
| <b>Caucasian</b>                    | 234 (90%) | 235 (95%) | 289 (94%) | 322 (96%) | 331 (94%) | 27 (87%)    | 35 (81%) | 32 (78%) | 30 (79%) | 28 (74%) |
| <b>Aboriginal</b>                   | 4 (2%)    | 2 (1%)    | 4 (1%)    | 3 (1%)    | 4 (1%)    | -           | -        | -        | -        | -        |
| <b>Asian</b>                        | 19 (7%)   | 7 (3%)    | 15 (5%)   | 9 (3%)    | 10 (3%)   | -           | 2 (5%)   | 3 (7%)   | 1 (3%)   | 3 (8%)   |
| <b>Maori</b>                        | -         | 2 (1%)    | -         | -         | 4 (1%)    | 3 (10%)     | 5 (12%)  | 5 (12%)  | 3 (8%)   | 6 (16%)  |
| <b>Pacific Islander</b>             | 1 (0%)    | 1 (0%)    | -         | 1 (0%)    | 2 (1%)    | 1 (3%)      | -        | 1 (2%)   | 4 (11%)  | 1 (3%)   |
| <b>Other</b>                        | 1 (0%)    | -         | 1 (0%)    | 2 (1%)    | 3 (1%)    | -           | 1 (2%)   | -        | -        | -        |

The reporting of Donor's religious denomination has also remained stable over the past 5 year, with both Australia and New Zealand recording higher numbers not reported or "Unknown".

Figure 4.27

| Religious Denomination of Donors 2008 - 2012 |           |           |           |           |           |             |          |          |          |          |
|--|-----------|-----------|-----------|-----------|-----------|-------------|----------|----------|----------|----------|
| Donor Religion                               | Australia |           |           |           |           | New Zealand |          |          |          |          |
|  | 2008      | 2009      | 2010      | 2011      | 2012      | 2008        | 2009     | 2010     | 2011     | 2012     |
| <b>Christian</b>                             | 47 (18%)  | 60 (24%)  | 99 (32%)  | 111 (33%) | 110 (31%) | 3 (10%)     | 1 (2%)   | 3 (7%)   | 7 (18%)  | 5 (13%)  |
| <b>Muslim</b>                                | -         | 1 (0%)    | -         | -         | 1 (0%)    | -           | -        | -        | -        | -        |
| <b>Buddhist</b>                              | 3 (1%)    | 3 (1%)    | 1 (0%)    | 1 (0%)    | 4 (1%)    | -           | -        | -        | -        | -        |
| <b>Hindu</b>                                 | 2 (1%)    | -         | 2 (1%)    | -         | 2 (1%)    | -           | -        | -        | -        | -        |
| <b>Jewish</b>                                | -         | 1 (0%)    | 1 (0%)    | -         | -         | -           | -        | -        | -        | -        |
| <b>Other</b>                                 | 1 (0%)    | -         | -         | -         | -         | -           | -        | -        | -        | -        |
| <b>No religion</b>                           | 17 (7%)   | 35 (14%)  | 64 (21%)  | 75 (22%)  | 59 (17%)  | -           | -        | -        | -        | -        |
| <b>Unknown</b>                               | 189 (73%) | 147 (60%) | 142 (46%) | 150 (45%) | 178 (50%) | 28 (90%)    | 42 (98%) | 38 (93%) | 31 (82%) | 33 (87%) |

# Donor Profile



## DONOR WEIGHT

The allocation of heart, lungs and livers are based in part on the matching of recipient and donor size and weight. In 2012 there were six donors in Australia and no donors in New Zealand who weighed less than 40 kilograms.

Figure 4.28

| Donor Weight 2008 - 2012 |      |           |       |       |       |       |       |       |       |       |       |       |
|--------------------------|------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                          |      | Kilograms |       |       |       |       |       |       |       |       |       | Total |
|                          |      | 0-19      | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80-89 | 90-99 | 100 + |       |
| Australia                | 2008 | 1         | 1     | 4     | 3     | 18    | 33    | 63    | 71    | 30    | 35    | 259   |
|                          | 2009 | 2         | 2     | 0     | 3     | 11    | 45    | 56    | 56    | 35    | 37    | 247   |
|                          | 2010 | 2         | 5     | 4     | 2     | 20    | 43    | 62    | 70    | 53    | 48    | 309   |
|                          | 2011 | 3         | 4     | 1     | 6     | 31    | 59    | 73    | 74    | 48    | 38    | 337   |
|                          | 2012 | 2         | 4     | 0     | 7     | 23    | 73    | 70    | 85    | 44    | 46    | 354   |
| New Zealand              | 2008 | 0         | 0     | 0     | 2     | 2     | 4     | 11    | 6     | 4     | 2     | 31    |
|                          | 2009 | 0         | 2     | 0     | 1     | 7     | 7     | 11    | 6     | 8     | 1     | 43    |
|                          | 2010 | 1         | 0     | 0     | 1     | 2     | 6     | 14    | 8     | 4     | 5     | 41    |
|                          | 2011 | 0         | 0     | 0     | 2     | 1     | 11    | 7     | 9     | 4     | 4     | 38    |
|                          | 2012 | 0         | 0     | 0     | 0     | 6     | 5     | 10    | 5     | 8     | 4     | 38    |

The distribution of BMI (body mass index) of Donors in Australia and New Zealand for 2012 are shown in Figures 4.29 and 4.30.

Figure 4.29 BMI of Donors - Australia

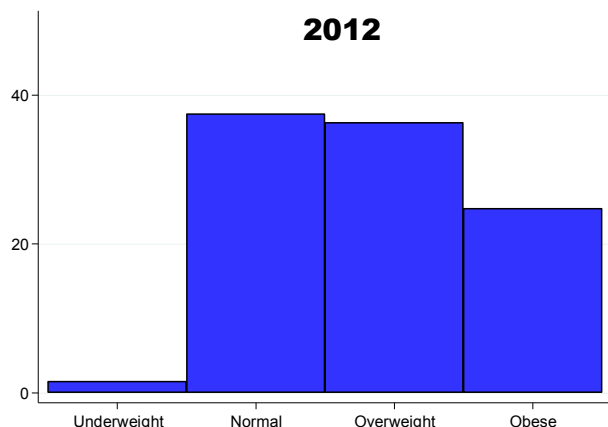
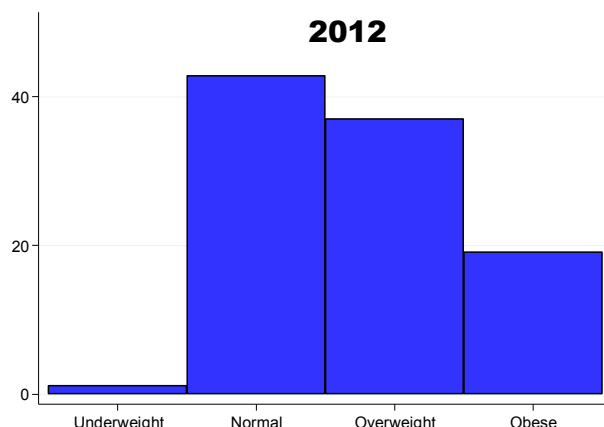


Figure 4.30 BMI of Donors - Australia





# Donor Profile

## MEDICAL CONDITION OF DONORS

Figure 4.31

| Medical Condition of Donors by Australian States 2012 (2011) |                   |         |         |       |         |       |       |       |         |          |         |
|--|-------------------|---------|---------|-------|---------|-------|-------|-------|---------|----------|---------|
| Donor Type   | Medical Condition | QLD     | NSW     | ACT   | VIC     | TAS   | SA    | NT    | WA      | AUST     | NZ      |
| DBD  | Diabetes Type I   | 2 (2)   | 0 (0)   | 0 (0) | 1 (2)   | 1 (0) | 1 (0) | 0 (0) | 0 (0)   | 5 (4)    | 1 (0)   |
|  | Diabetes Type II  | 3 (4)   | 12 (3)  | 3 (1) | 2 (4)   | 2 (0) | 1 (4) | 0 (0) | 1 (1)   | 24 (17)  | 1 (1)   |
|  | Hypertension      | 13 (10) | 25 (18) | 5 (3) | 18 (25) | 3 (2) | 5 (7) | 1 (1) | 6 (3)   | 76 (69)  | 11 (7)  |
|  | Smoking - Current | 34 (18) | 26 (17) | 2 (2) | 20 (29) | 3 (3) | 6 (8) | 2 (1) | 12 (12) | 105 (90) | 17 (12) |
|  | Cancer            | 3 (3)   | 2 (2)   | 0 (0) | 2 (3)   | 0 (0) | 1 (3) | 0 (0) | 2 (3)   | 10 (14)  | 0 (0)   |
| DCD  | Diabetes Type I   | 0 (0)   | 1 (2)   | 0 (0) | 0 (0)   | 0 (0) | 0 (0) | 0 (0) | 0 (0)   | 1 (2)    | 0 (0)   |
|  | Diabetes Type II  | 0 (1)   | 1 (2)   | 0 (0) | 4 (1)   | 0 (0) | 0 (1) | 0 (0) | 0 (0)   | 5 (5)    | 0 (0)   |
|  | Hypertension      | 5 (6)   | 3 (6)   | 0 (0) | 7 (6)   | 0 (0) | 2 (2) | 0 (0) | 0 (1)   | 17 (21)  | 0 (0)   |
|  | Smoking - Current | 8 (9)   | 4 (6)   | 0 (1) | 13 (11) | 0 (0) | 1 (1) | 0 (0) | 1 (1)   | 27 (29)  | 0 (0)   |
|  | Cancer            | 0 (1)   | 1 (1)   | 0 (0) | 0 (0)   | 0 (0) | 0 (0) | 0 (0) | 0 (2)   | 1 (4)    | 0 (0)   |

### DIABETES

There were six donors in Australia in 2012 with Type 1 and 29 with Type 2 diabetes; there was one Type 2 diabetic donor in New Zealand.

There were two diabetic Type 2 donors in Australia who did not have organs retrieved (one due to disease in organ and the other due to malignancy).

There were six diabetic Type 1 donors (including one DCD donor) that provided eight kidneys, four livers, one heart, one double lung, one single lung and six cornea.

The 27 Type 2 donors (including five DCD donors) provided 36 kidneys, 11 livers, two hearts four double lungs, 23 corneas, three sets of heart valves, two bone donations and one tissue donation.

### HYPERTENSION

A past history of hypertension was recorded in 26% (93 donors) in Australia and 29% (11 donors) in New Zealand in 2012 (Figure 4.31). Included in the 93 donors for Australia were 17 DCD donors with a past history of hypertension.

These donors provided Australia with 148 kidneys, 49 livers, two split livers, five hearts, two heart/lung, 25 double lungs, one pancreas, one pancreas islets, 92 corneas, 10 sets of heart valves, 10 bone and five tissue donations. Three of the 90 donors did not provide any organs; one due to infection and two due to disease in organ.



# Donor Profile



In New Zealand, 11 donors provided nine kidneys, seven livers, one heart, four double lungs, eight corneas and one set of heart valves. One donor did not have any organs retrieved due to disease.

## **SMOKING**

In 2012, 37% (132) Australian donors were recorded as current smokers while in New Zealand, 45% (17 donors) were reported as current smokers.

## **CANCER IN DONOR**

In Australia, 11 donors had a history of cancer prior to donation.

### **Australia (11 donors)**

- \* one donor had a lymphoma diagnosed intra-operatively and no organs were transplanted
- \* one melanoma - leg and hip (2002)
- \* three squamous cell carcinomas - cervix (1997); shoulder (2009); rectum (1988)
- \* two adenocarcinoma - breast (1989); appendix (2012)
- \* one renal cell carcinoma - kidney (2012)
- \* one lymphoma - kidney (2012) (no organs transplanted)
- \* one dermatofibrosarcoma - abdominal cavity (2012)
- \* two unknown - small intestine (1987); unknown site (unknown date)

There were 11 kidneys, six livers, two hearts, three double lungs and 13 corneas transplanted from 10 of these donors. One was a DCD donor.

### **New Zealand**

In New Zealand, no donors in 2012 had a history of previous cancer.



# Donor Profile

## VIROLOGY SCREENING

Figure 4.32

| <b>Cytomegalovirus (CMV) Status of Donors 2007 - 2012</b> |                  |      |      |      |      |      |                    |      |      |      |      |      |
|---|------------------|------|------|------|------|------|--------------------|------|------|------|------|------|
|   | <b>Australia</b> |      |      |      |      |      | <b>New Zealand</b> |      |      |      |      |      |
|   | 2007             | 2008 | 2009 | 2010 | 2011 | 2012 | 2007               | 2008 | 2009 | 2010 | 2011 | 2012 |
| Negative  | 93               | 92   | 103  | 118  | 123  | 129  | 14                 | 16   | 24   | 18   | 17   | 8    |
| Positive  | 105              | 167  | 144  | 191  | 214  | 225  | 24                 | 15   | 19   | 23   | 21   | 30   |
| Total   | 198              | 259  | 247  | 309  | 337  | 354  | 38                 | 31   | 43   | 41   | 38   | 38   |

Figure 4.33

| <b>Epstein-Barr Virus (EBV) Status of Donors 2007 - 2012</b> |                  |      |      |      |      |      |                    |      |      |      |      |      |
|--|------------------|------|------|------|------|------|--------------------|------|------|------|------|------|
|  | <b>Australia</b> |      |      |      |      |      | <b>New Zealand</b> |      |      |      |      |      |
|  | 2007             | 2008 | 2009 | 2010 | 2011 | 2012 | 2007               | 2008 | 2009 | 2010 | 2011 | 2012 |
| Negative   | 54               | 62   | 76   | 97   | 16   | 0    | 0                  | 0    | 3    | 6    | 7    | 4    |
| Not done   | 12               | 18   | 14   | 14   | 28   | 33   | 5                  | 3    | 3    | 2    | 4    | 1    |
| Positive   | 132              | 179  | 157  | 198  | 293  | 321  | 33                 | 28   | 37   | 33   | 27   | 33   |
| <b>Total</b>   | 198              | 259  | 247  | 309  | 337  | 354  | 38                 | 31   | 43   | 41   | 38   | 38   |

Not all Australian States require organ donors to be tested for EBV

## HEPATITIS C ANTIBODY

There were seven Hepatitis C positive donors, five in Australia and two in New Zealand in 2012.

Of those positive donors in Australia, three were DBD donors. There was one kidney donor and five whole livers (no split livers).

There were three donors who were positive for both

HCV and HBV core antibodies, two of whom provided whole livers.

Of those positive donors, both were DBD donors.

There was one donor who was positive for both HCV and HBV core antibodies, and this donor provided a whole liver.

Figure 4.34

| <b>Hepatitis C Antibody Status of Donors 2007 - 2012</b> |                  |      |      |      |      |      |                    |      |      |      |      |      |
|--|------------------|------|------|------|------|------|--------------------|------|------|------|------|------|
|  | <b>Australia</b> |      |      |      |      |      | <b>New Zealand</b> |      |      |      |      |      |
|  | 2007             | 2008 | 2009 | 2010 | 2011 | 2012 | 2007               | 2008 | 2009 | 2010 | 2011 | 2012 |
| Negative   | 194              | 254  | 242  | 307  | 330  | 349  | 37                 | 30   | 43   | 41   | 37   | 36   |
| Positive   | 4                | 5    | 5    | 2    | 7    | 5    | 1                  | 1    | 0    | 0    | 1    | 2    |
| <b>Total</b>   | 198              | 259  | 247  | 309  | 337  | 354  | 38                 | 31   | 43   | 41   | 38   | 38   |

# Donor Profile

## HEPATITIS B CORE ANTIBODY

The Registry commenced collection of Hepatitis B core antibody results in 1998.

A positive result was recorded for 4% (15) of Australian donors and 21% (8) of New Zealand donors in 2012.

Of those positive donors in Australia, 13 were DBDs. Of the 15 donors, there were 26 kidneys, eight whole

livers, two hearts, six double lungs, one pancreas, one pancreatic islets, and 5 corneas donated.

Of those positive donors in New Zealand, one was a DBD donor. Of the 8 donors, there were eight kidneys, six whole livers, 2 split livers one heart, three double lungs, four corneas, one heart valve and one tissue donated

Figure 4.35

| Hepatitis B Core Antibody Status of Donors 2006 - 2011 |           |      |      |      |      |      |             |      |      |      |      |      |
|--|-----------|------|------|------|------|------|-------------|------|------|------|------|------|
|  | Australia |      |      |      |      |      | New Zealand |      |      |      |      |      |
|  | 2007      | 2008 | 2009 | 2010 | 2011 | 2012 | 2007        | 2008 | 2009 | 2010 | 2011 | 2012 |
| Negative   | 191       | 243  | 234  | 289  | 326  | 339  | 33          | 29   | 38   | 39   | 33   | 30   |
| Positive   | 7         | 16   | 13   | 20   | 11   | 15   | 5           | 2    | 5    | 2    | 5    | 8    |
| <b>Total</b>   | 198       | 259  | 247  | 309  | 337  | 354  | 38          | 31   | 43   | 41   | 38   | 38   |

## HEPATITIS B SURFACE ANTIGEN

Since 1993, all donors in Australia and New Zealand have been negative for Hepatitis B surface antigen, excepting one donor in 2004 who was not tested.





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## ***Chapter 5***

### ***Organ Data***





# Organ Data

## KIDNEY DONATION

In 2012 there were 617 kidney transplant recipients in Australia which included eight recipients of double adult kidney transplants and two recipients of en bloc kidney transplants.

In New Zealand there were no double adult or

en bloc kidney donations.

There were 38 combined kidney/pancreas and seven liver/kidney transplant recipients, in 2012 in Australia. In New Zealand there were two combined kidney/pancreas procedures in 2012.

Figure 5.1

### Outcome of Request for Kidney Donation Australia 2012

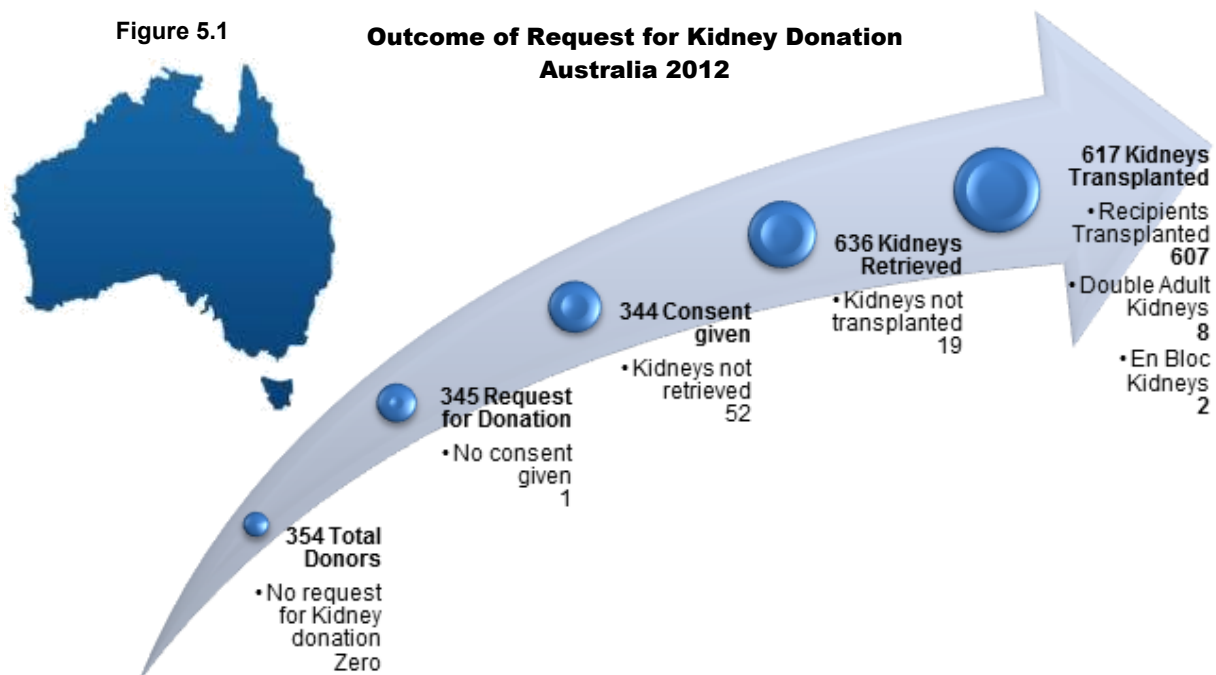
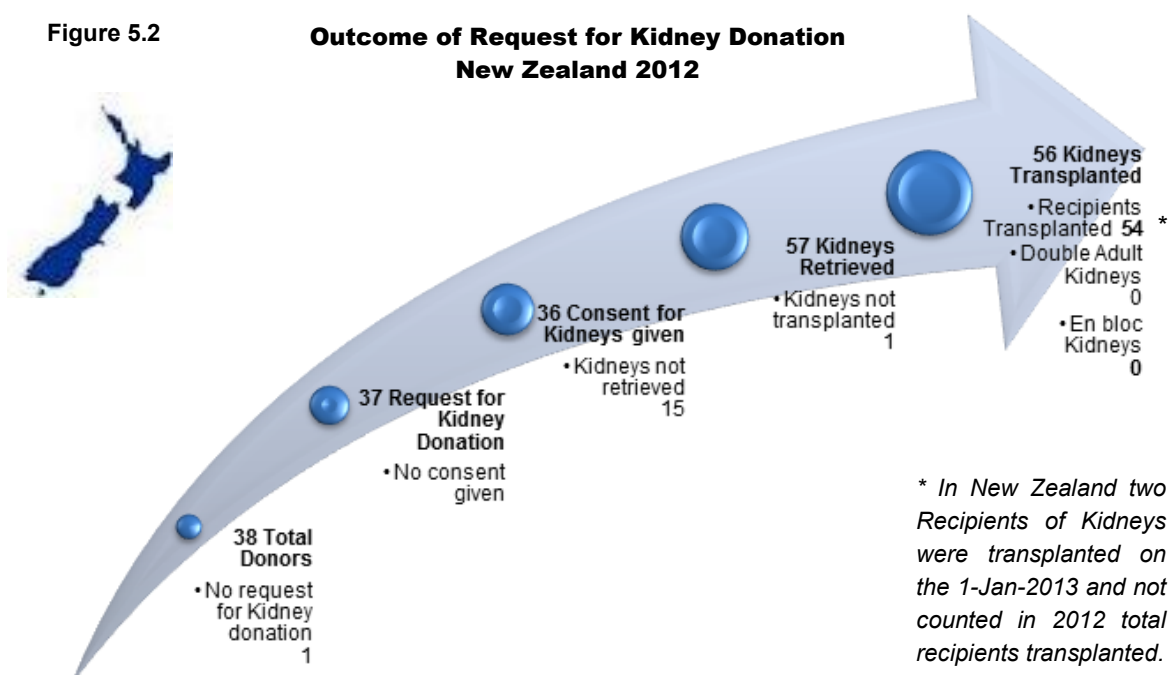


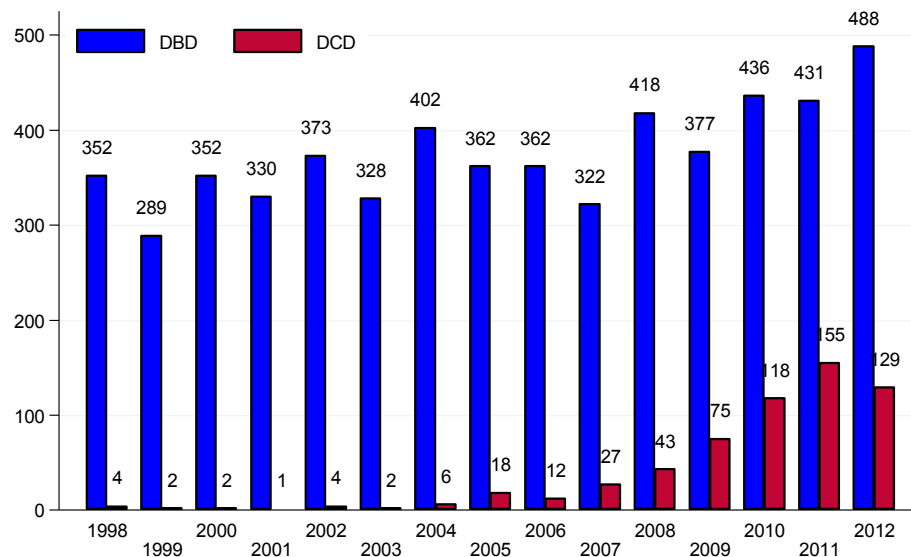
Figure 5.2

### Outcome of Request for Kidney Donation New Zealand 2012

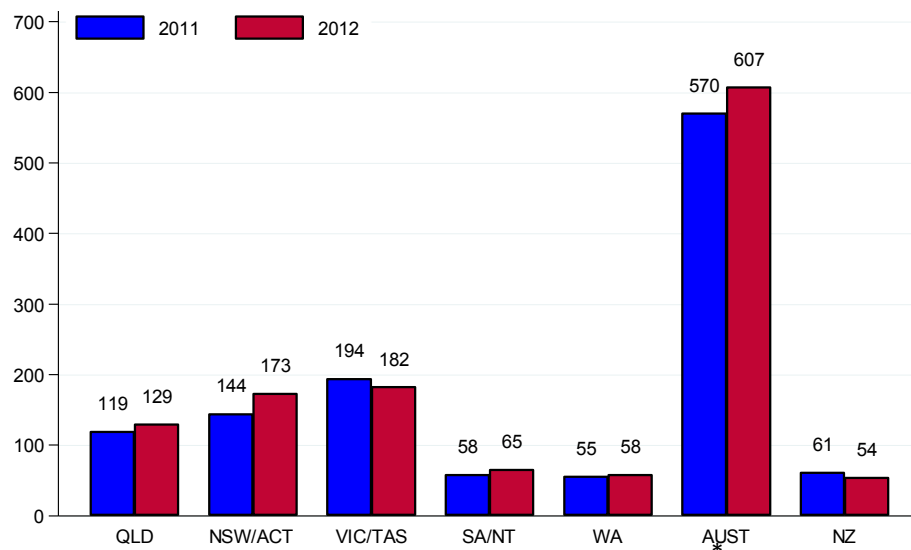


\* In New Zealand two Recipients of Kidneys were transplanted on the 1-Jan-2013 and not counted in 2012 total recipients transplanted.

**Figure 5.3 Kidneys Transplanted by Type of Organ Donor  
Australia 1998 - 2012**



**Figure 5.4 Deceased Donor Kidney Transplant Recipients \*  
by Transplant State Australia and New Zealand, 2011 - 2012**



\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand



# Organ Data

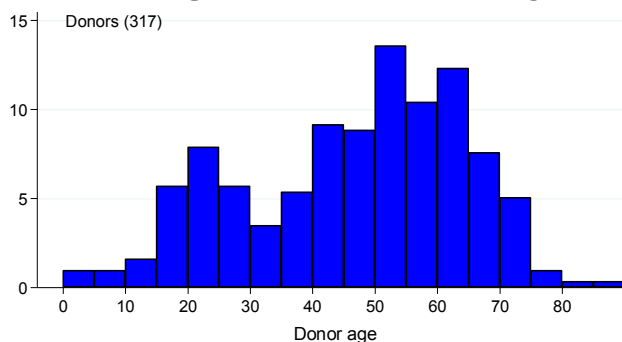
The age distribution of donors providing transplanted kidneys for Australia and New Zealand is shown in Figures 5.5 and 5.6 respectively. The reasons that kidneys were not used are shown in Figure 5.7 for Australia and Figure 5.8 for New Zealand.

There were 33 donors (10%) who had a biopsy of the kidneys taken at retrieval in 2012 in Australia and ten donors (26%) in New Zealand.

Since 2000, there have been 358 (13%) biopsies from 2901 kidney donors in Australia and 147 (34%) from 429 kidney donors in New Zealand.

Figure 5.5

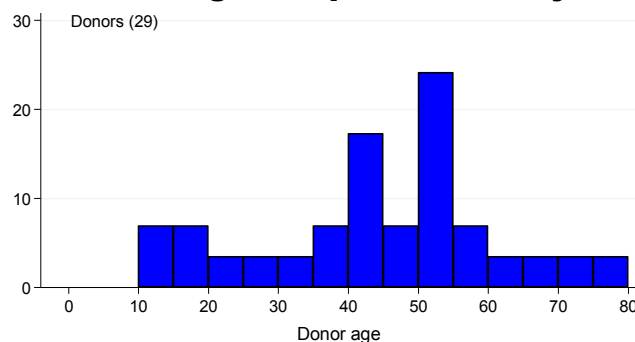
## Age of Donors Australia 2012 Providing Transplanted Kidneys



Includes 317 Kidney Donors

Figure 5.6

## Age of Donors New Zealand 2012 Providing Transplanted Kidneys



Includes 29 Kidney Donors

Figure 5.7

| Reason Kidneys Not Used from Australian Donors 1998 - 2012 |           |                      |                       |        |       |       |
|--|-----------|----------------------|-----------------------|--------|-------|-------|
| Year   | Logistics | Medically Unsuitable | Surgically Unsuitable | Trauma | Other | Total |
| 1998   | 1         | 7                    | 1                     | 0      | 0     | 9     |
| 1999   | 2         | 5                    | 2                     | 0      | 0     | 9     |
| 2000   | 4         | 12                   | 0                     | 0      | 0     | 16    |
| 2001   | 2         | 9                    | 2                     | 0      | 0     | 13    |
| 2002   | 1         | 1                    | 1                     | 0      | 0     | 3     |
| 2003   | 0         | 5                    | 4                     | 0      | 1     | 10    |
| 2004   | 1         | 2                    | 3                     | 0      | 0     | 6     |
| 2005   | 0         | 9                    | 2                     | 0      | 0     | 11    |
| 2006   | 2         | 7                    | 0                     | 0      | 2     | 11    |
| 2007   | 2         | 7                    | 0                     | 0      | 0     | 9     |
| 2008   | 4         | 11                   | 1                     | 0      | 0     | 16    |
| 2009   | 1         | 3                    | 1                     | 0      | 0     | 5     |
| 2010   | 5         | 9                    | 2                     | 0      | 0     | 16    |
| 2011   | 4         | 9                    | 6                     | 0      | 0     | 19    |
| 2012   | 4         | 7                    | 8                     | 0      | 0     | 19    |



Figure 5.8

| Reason Kidneys Not Used from New Zealand Donors 1998 - 2012 |           |                      |                       |        |       |       |
|---|-----------|----------------------|-----------------------|--------|-------|-------|
| Year  | Logistics | Medically Unsuitable | Surgically Unsuitable | Trauma | Other | Total |
| 1998  | 0         | 7                    | 0                     | 0      | 0     | 7     |
| 1999  | 1         | 4                    | 0                     | 0      | 0     | 5     |
| 2000  | 0         | 4                    | 0                     | 3      | 0     | 7     |
| 2001  | 0         | 1                    | 0                     | 0      | 0     | 1     |
| 2002  | 0         | 1                    | 0                     | 0      | 0     | 1     |
| 2003  | 1         | 5                    | 0                     | 0      | 0     | 6     |
| 2004  | 0         | 3                    | 0                     | 0      | 0     | 3     |
| 2005  | 0         | 3                    | 0                     | 1      | 0     | 4     |
| 2006  | 0         | 1                    | 0                     | 0      | 0     | 1     |
| 2007  | 0         | 3                    | 0                     | 0      | 0     | 3     |
| 2008  | 0         | 6                    | 0                     | 0      | 0     | 6     |
| 2009  | 0         | 14                   | 0                     | 3      | 0     | 17    |
| 2010  | 0         | 4                    | 0                     | 2      | 0     | 6     |
| 2011  | 0         | 1                    | 0                     | 0      | 0     | 1     |
| 2012  | 0         | 1                    | 0                     | 0      | 0     | 1     |

## DONOR KIDNEY FUNCTION

### AUSTRALIA

In 2012 in Australia, 49 donors (14%) had a terminal serum creatinine concentration of  $\geq 125 \mu\text{mol/L}$  and 68 donors (19%) had a terminal serum urea concentration of  $\geq 9 \text{ mmol/L}$ , shown in Figure 5.9.

### NEW ZEALAND

There was one donor (<1%) in New Zealand with a terminal serum creatinine concentration of  $\geq 125 \mu\text{mol/L}$  and 2% (two donors) with a terminal serum urea concentration of  $\geq 9 \text{ mmol/L}$  in 2012.

Figure 5.9

| Terminal Serum Creatinine Levels 2008 - 2012 |           |      |      |      |      |             |      |      |      |      |
|--|-----------|------|------|------|------|-------------|------|------|------|------|
| Creatinine ( $\mu\text{mol/L}$ )             | Australia |      |      |      |      | New Zealand |      |      |      |      |
|  | 2008      | 2009 | 2010 | 2011 | 2012 | 2008        | 2009 | 2010 | 2011 | 2012 |
| 00-99  | 73%       | 77%  | 79%  | 77%  | 76%  | 89%         | 90%  | 89%  | 81%  | 90%  |
| 100-124                                      | 12%       | 9%   | 6%   | 11%  | 9%   | 7%          | 3%   | 4%   | 9%   | 7%   |
| 125-149                                      | 4%        | 5%   | 4%   | 5%   | 5%   | 4%          | 3%   | 4%   | 6%   | 3%   |
| 150-174                                      | 4%        | 2%   | 4%   | 3%   | 2%   | -           | 3%   | 4%   | -    | -    |
| 175-199                                      | 2%        | 1%   | 2%   | 1%   | 3%   | -           | -    | -    | 3%   | -    |
| 200-224                                      | 1%        | 1%   | 1%   | 1%   | 1%   | -           | -    | -    | -    | -    |
| 225-249                                      | 1%        | 1%   | 1%   | 1%   | 1%   | -           | -    | -    | -    | -    |
| >250   | 3%        | 4%   | 3%   | 2%   | 3%   | -           | -    | -    | -    | -    |



# Organ Data

## LIVER DONATION

There were 262 liver transplant recipients in 2012; 230 in Australia and 32 in New Zealand.

Seven whole livers and one split liver were donated from Australia and transplanted into New Zealand recipients whilst two whole liver and three split liver from New Zealand donors were transplanted into Australian recipients.

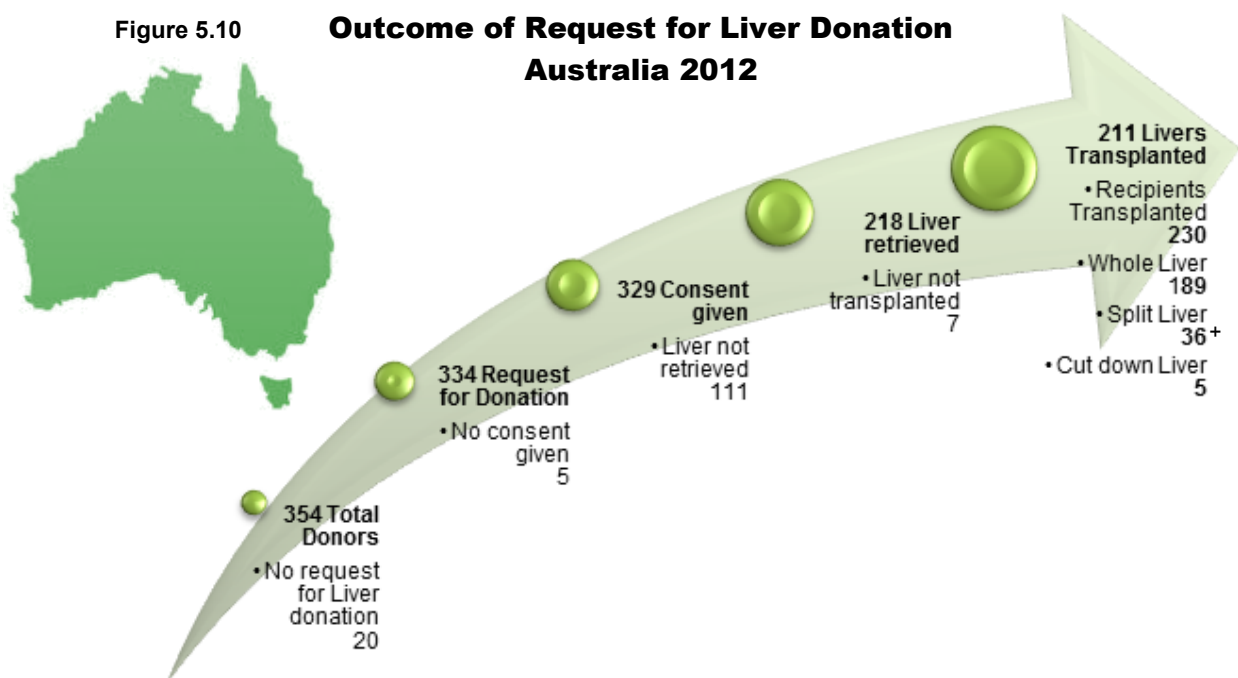
There were 218 liver retrievals, that provided 230 recipients with transplanted livers and 30 New Zealand donors provided livers for 32 recipients as shown in Figure 5.11.

There were seven whole liver/kidney transplants and one liver/pancreas/intestine transplant and one heart/lung and liver transplant in Australia, in 2012.

Twenty three transplants were performed in Australia using the "split" liver technique (transplanting one liver into two recipients) and there were five reduced size livers transplanted into paediatric recipients.

Figure 5.10

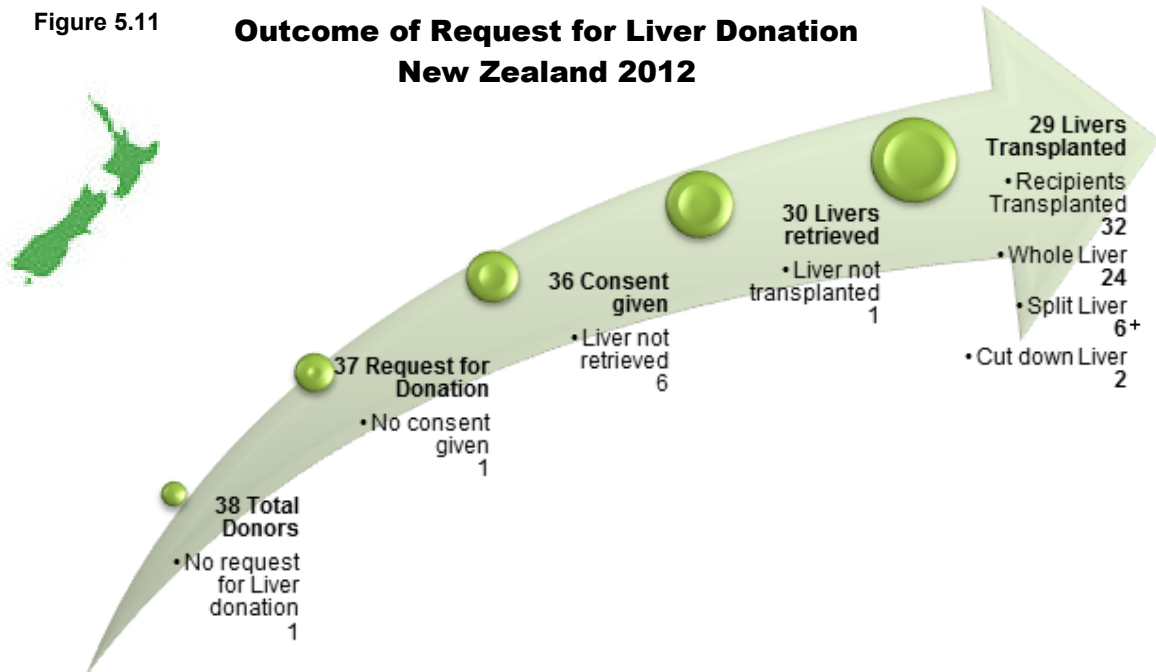
### Outcome of Request for Liver Donation Australia 2012



<sup>+</sup> Each half of a split liver is counted once.

Figure 5.11

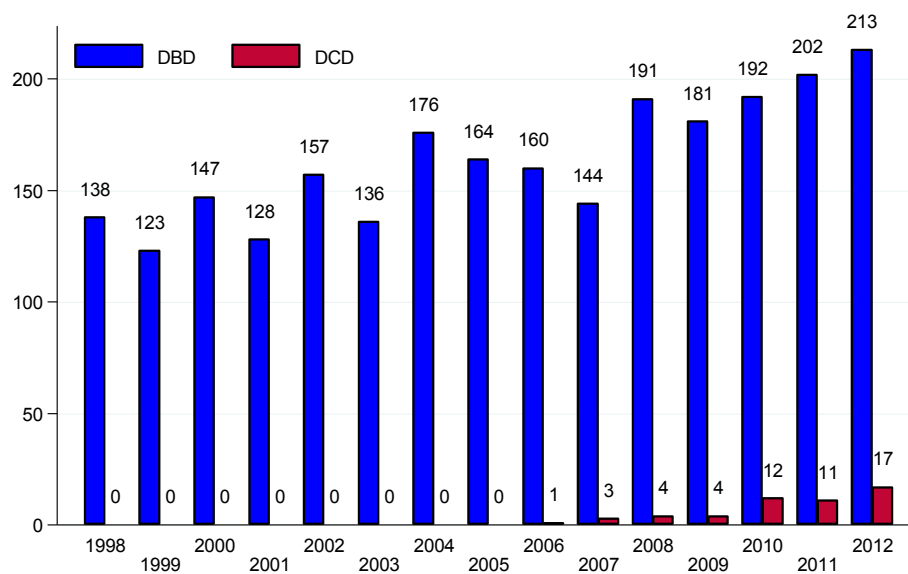
## Outcome of Request for Liver Donation New Zealand 2012



+ Each half of a split liver is counted once.

Figure 5.12

## Livers Transplanted by Type of Organ Donor Australia 1998 - 2012





# Organ Data

The age of Donors providing transplanted livers for Australia and New Zealand are shown in Figures 5.13 and 5.14 respectively.

The regional outcome of donors providing liver transplants for Australian states and territory and New Zealand is shown in Figure 5.15.

The reasons for livers that were not used are shown in Figure 5.16.

Figure 5.17 shows the number of donors whose liver function was above normal range.

Figure 5.13

## Age of Donors Australia 2012 Providing Transplanted Livers

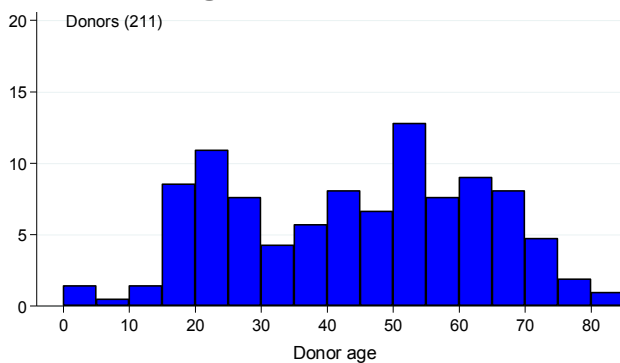


Figure 5.14

## Age of Donors New Zealand 2012 Providing Transplanted Livers

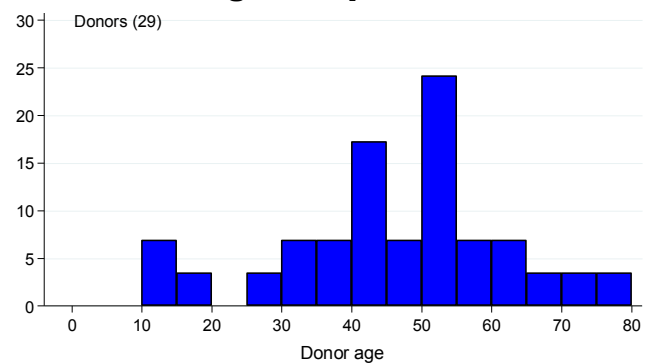
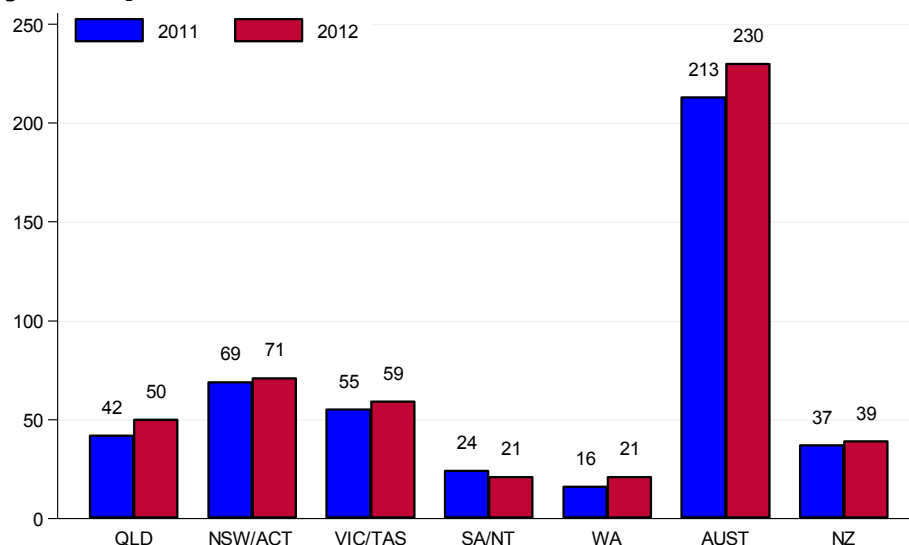


Figure 5.15

## Deceased Donor Liver Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012



\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand

# Organ Data



The liver is only retrieved when a compatible recipient has been identified. Figure 80 shows reasons the liver was not able to be transplanted into the identified recipient. The use of the liver (and other organs) for research purposes requires specific permission from the available next of kin.

Figure 5.16

| Reasons Livers Not Used in Australia 2007 - 2012 |                       | 2007     | 2008     | 2009     | 2010     | 2011     | 2012     |
|--|-----------------------|----------|----------|----------|----------|----------|----------|
| Australia  | Biopsy / Fatty        | 3        | 4        | 1        | 1        | 1        | 5        |
|  | Disease of Organ      | 3        | 2        | 1        | 0        | 0        | 1        |
|  | Surgical              | 0        | 0        | 0        | 0        | 0        | 0        |
|  | Cancer in Donor       | 0        | 1        | 0        | 0        | 0        | 0        |
|  | Packaging Problem     | 0        | 1        | 1        | 0        | 0        | 0        |
|  | Recipient Issue       | 0        | 0        | 0        | 1        | 0        | 1        |
|  | Perfusion Abnormality | 1        | 0        | 0        | 0        | 0        | 0        |
|  | Incorrect Blood Group | 0        | 0        | 0        | 1        | 0        | 0        |
|  | <b>Total</b>          | <b>7</b> | <b>8</b> | <b>3</b> | <b>3</b> | <b>1</b> | <b>7</b> |

## DONOR LIVER FUNCTION

The results of the serum tests for liver function for 218 Australian and 30 New Zealand donors in 2012 who had livers retrieved, are shown below. There were 75% (162 donors) in Australia and 60% (21 donors) in New Zealand who had all five tests performed. Figure 5.17 shows the number of donors whose liver function was above the normal range.

Figure 5.17

| Number of Donors with Liver Function Tests above Normal Range 2012 |                              |              |                              |              |
|--|------------------------------|--------------|------------------------------|--------------|
| Liver Function Tests   | Australia                    |              | New Zealand                  |              |
|  | Donors with value recorded * | Above Normal | Donors with value recorded * | Above Normal |
| Alanine Transaminase ALT > 40 u/L                                  | 218                          | 80 (37%)     | 30                           | 15 (50%)     |
| Aspartate Transaminase AST > 40 u/L                                | 162                          | 90 (59%)     | 21                           | 16 (76%)     |
| Gamma Glutamyl Transferase GGT > 60 u/L                            | 218                          | 40 (18%)     | 24                           | 10 (42%)     |
| Alkaline Phosphatase > 116 u/L                                     | 218                          | 17 (7%)      | 30                           | 7 (23%)      |
| Total Bilirubin > 20 umol/L  | 218                          | 29 (13%)     | 30                           | 3 (10%)      |
| * Not all donors have all tests                                    |                              |              |                              |              |



# Organ Data

## CARDIOTHORACIC DONATION

### AUSTRALIA

In 2012 there were 72 heart transplant recipients, four heart/lung transplant recipients, 140 double lung transplant recipients and four single lung transplant recipients. This numbers include two double lung organ transplants from New Zealand donors.

The first perfusion fluid of choice for heart retrieval was crystalloid cardioplegia (56%) followed by celsior (27%).

Perfadex (74%) was the first perfusion fluid for lung retrieval followed by celsior (12%).

### ECG AND ECHOCARDIOGRAM

Sixty one donors (79%) had a normal ECG and 67 of the 77 heart donors (87%), had a normal echocardiogram.

### NEW ZEALAND

New Zealand performed twelve heart and thirteen double lung transplants in 2012.

One double lung and no hearts were sent for transplantation in Australia.

The first perfusion fluid for heart retrieval was crystalloid cardioplegia for all twelve donors .

Perfadex was the first perfusion fluid used for 85% of lung donors, followed by celsior (12%).

### ECG AND ECHOCARDIOGRAM

Ten (83%) of the twelve heart donors had a normal ECG and eleven heart donors (93%) had a normal echocardiogram.

Figure 5.18

### Outcome of Request for Heart Donation Australia 2012

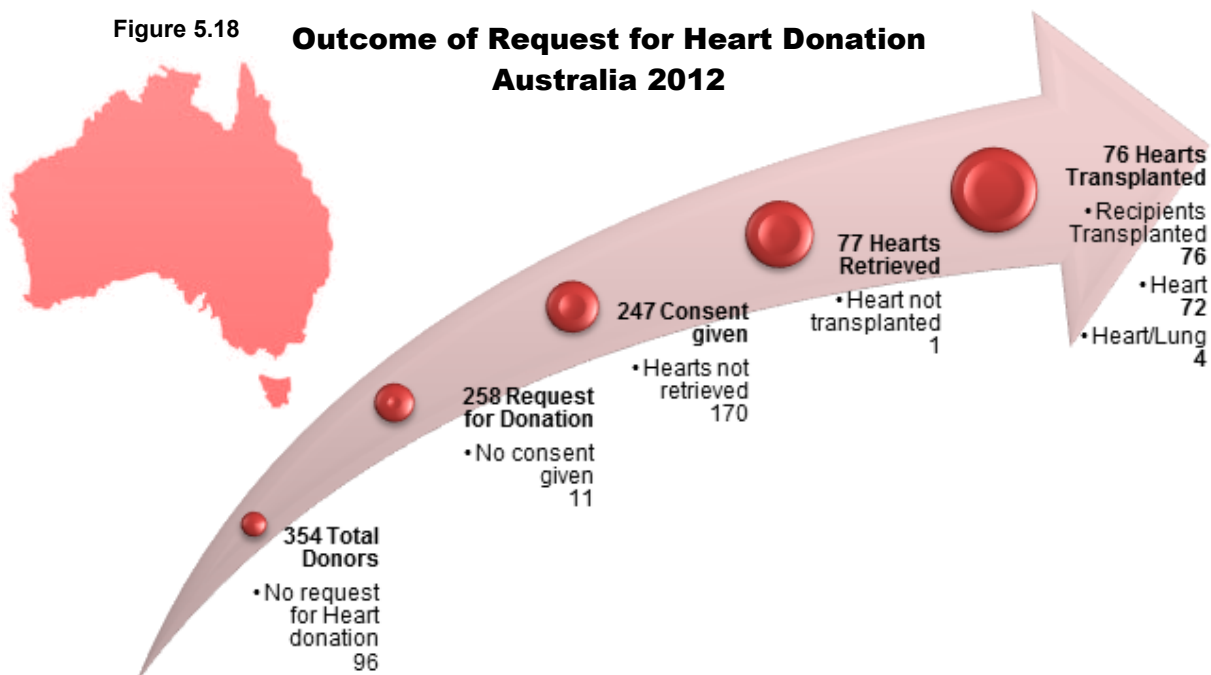


Figure 5.19

## Outcome of Request for Heart Donation New Zealand 2012

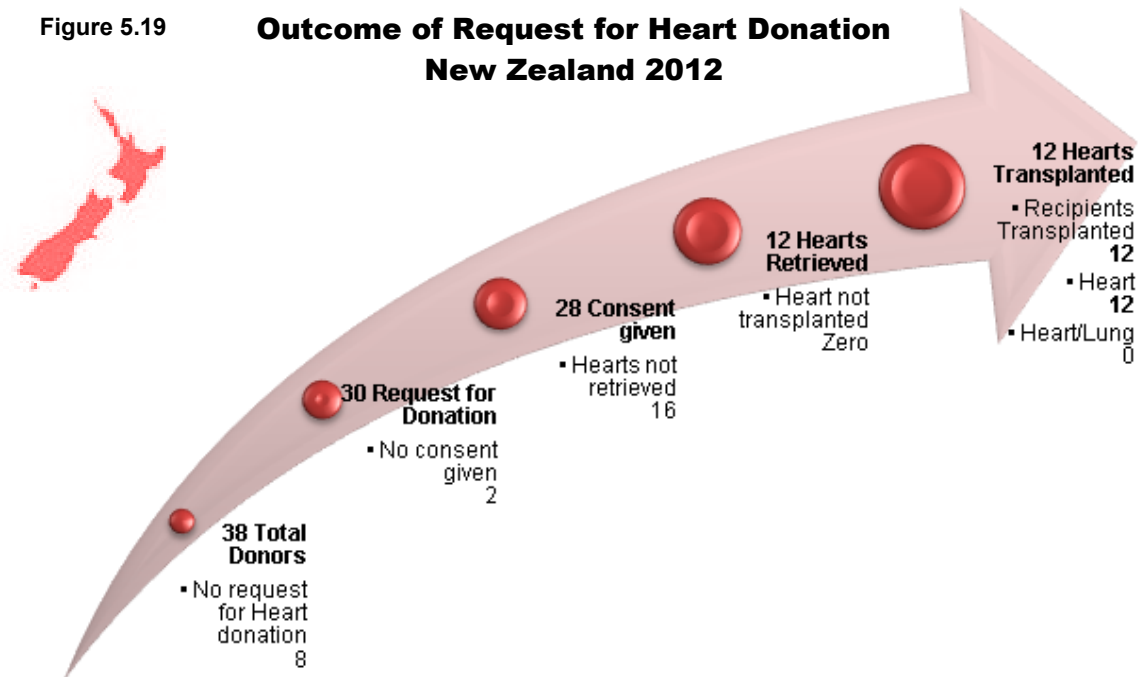


Figure 5.20

## Age of Donors Australia 2012 Providing Transplanted Hearts

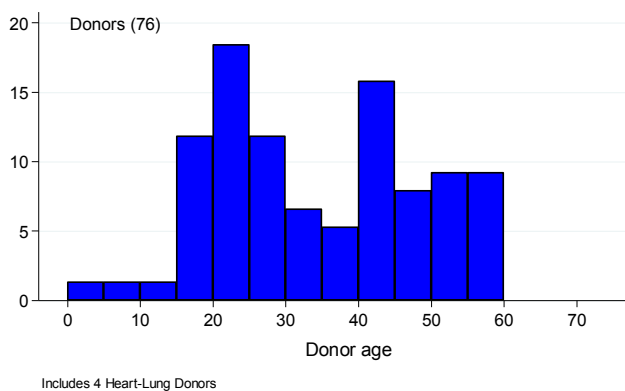


Figure 5.21

## Age of Donors New Zealand 2012 Providing Transplanted Hearts

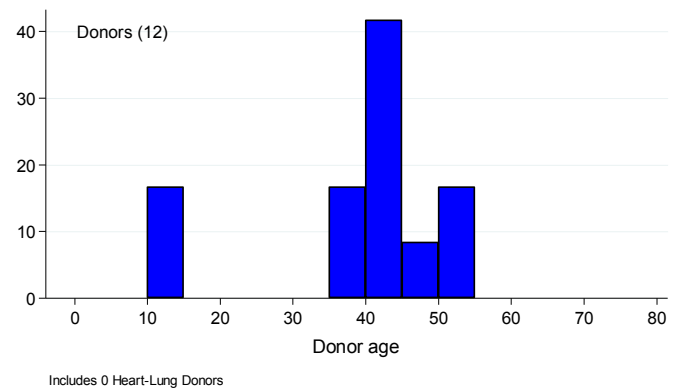


Figure 5.22

## Hearts Transplanted by Year Australia 1998 - 2012

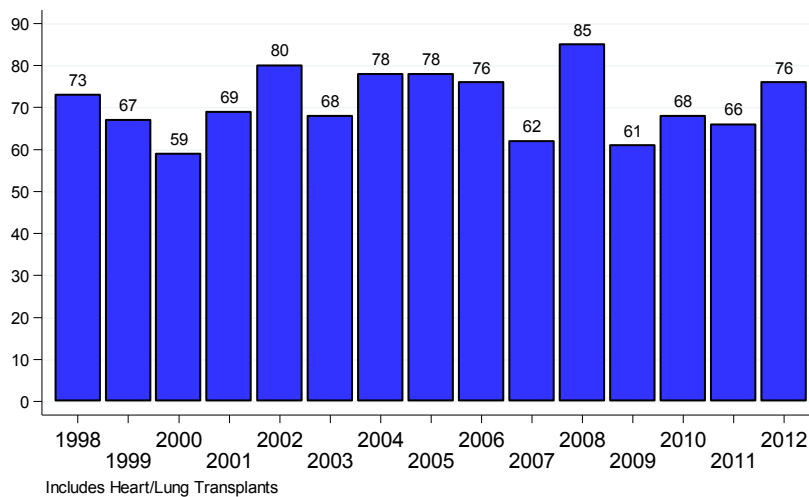
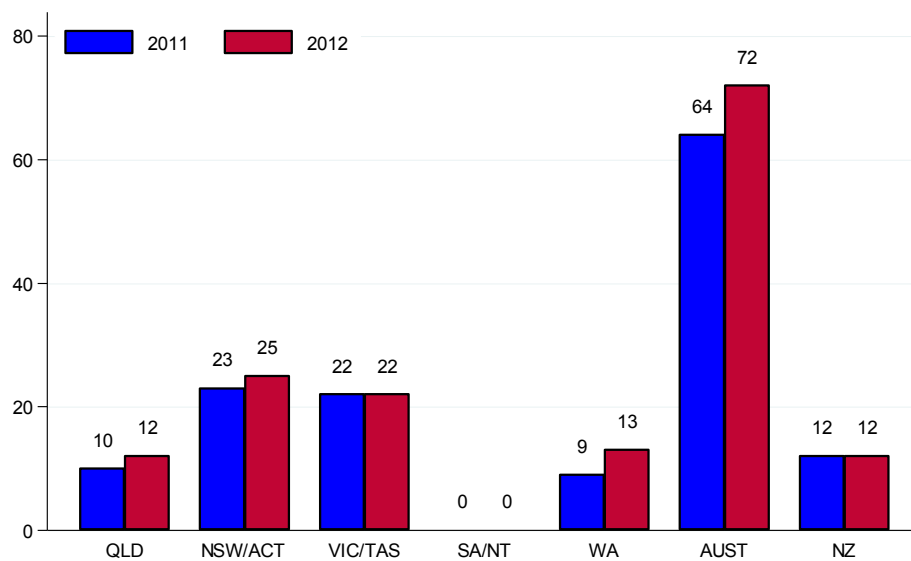


Figure 5.23

## Deceased Donor Heart Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012

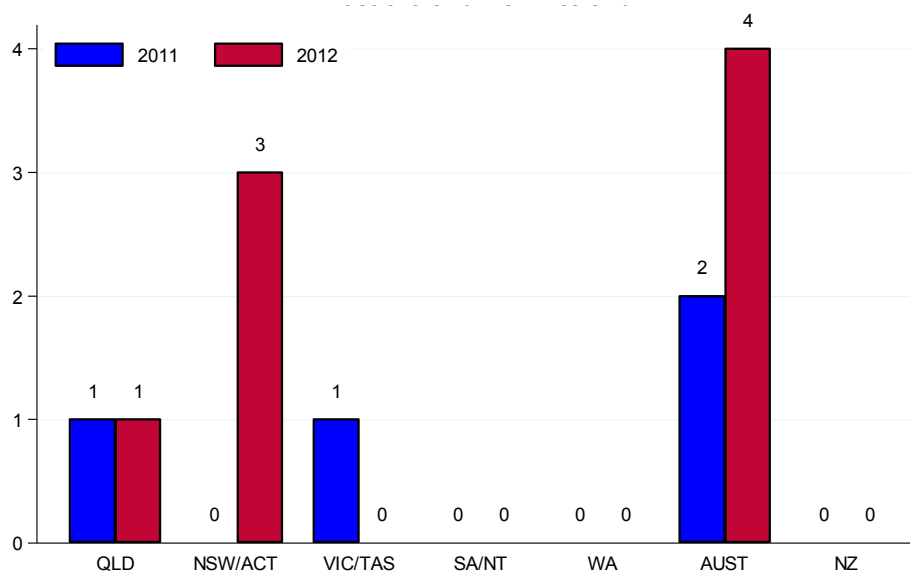


\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand



Figure 5.24

## Deceased Donor Heart/Lung Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012



\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand

Figure 5.25

| Reasons Hearts Not Retrieved in Australia 2007 - 2012 |                              | 2008 | 2009 | 2010 | 2011 | 2012 |
|---|------------------------------|------|------|------|------|------|
| Australia   | Age of Donor                 | 12   | 18   | 15   | 16   | 25   |
|   | Coronial/Pathologist Refusal | 5    | 0    | 1    | 3    | 3    |
|   | DCD Donor                    | 11   | 25   | 43   | 45   | 42   |
|   | Disease in Organ             | 23   | 30   | 23   | 29   | 34   |
|   | Family Request               | 0    | 1    | 0    | 1    | 0    |
|   | Infection/Malignancy         | 2    | 1    | 3    | 2    | 6    |
|   | Logistics                    | 1    | 1    | 3    | 4    | 1    |
|   | Medically Unsuitable         | 25   | 29   | 50   | 27   | 32   |
|   | No suitable recipient        | 19   | 13   | 18   | 25   | 22   |
|   | Trauma to Organ              | 7    | 2    | 4    | 1    | 5    |
|   |                              | 113  | 120  | 160  | 161  | 170  |

## LUNG DONATION

Figure 5.26

### Outcome of Request for Lung Donation Australia 2012

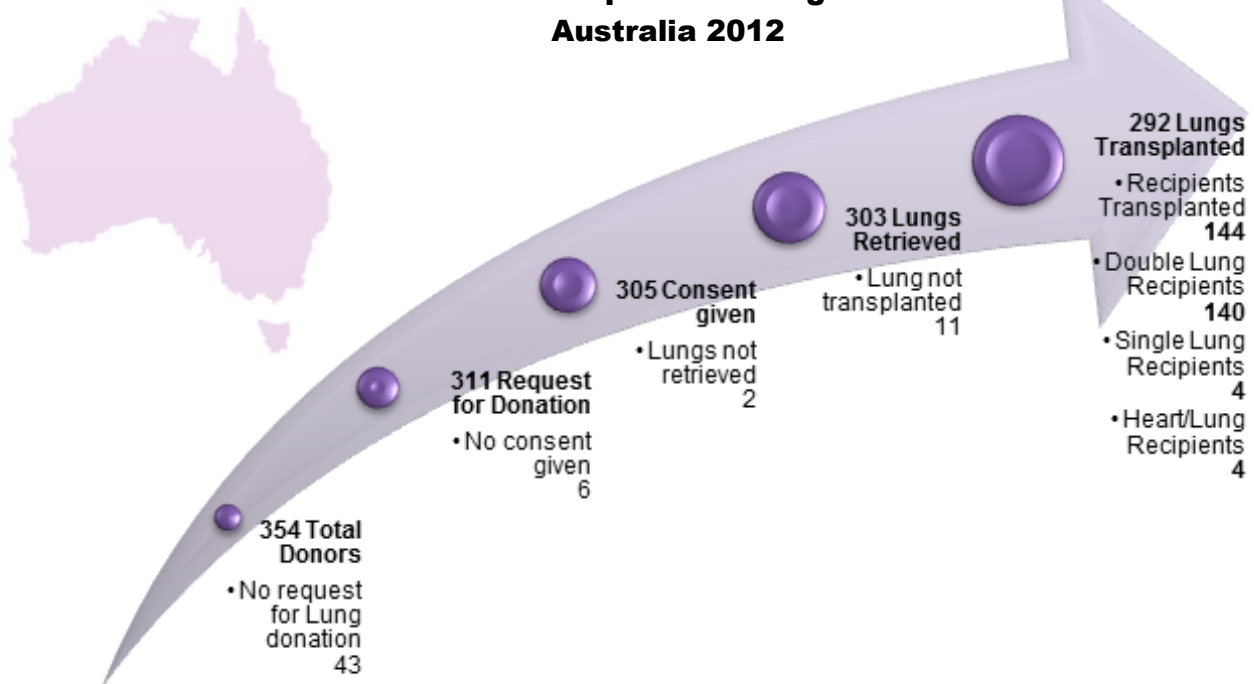
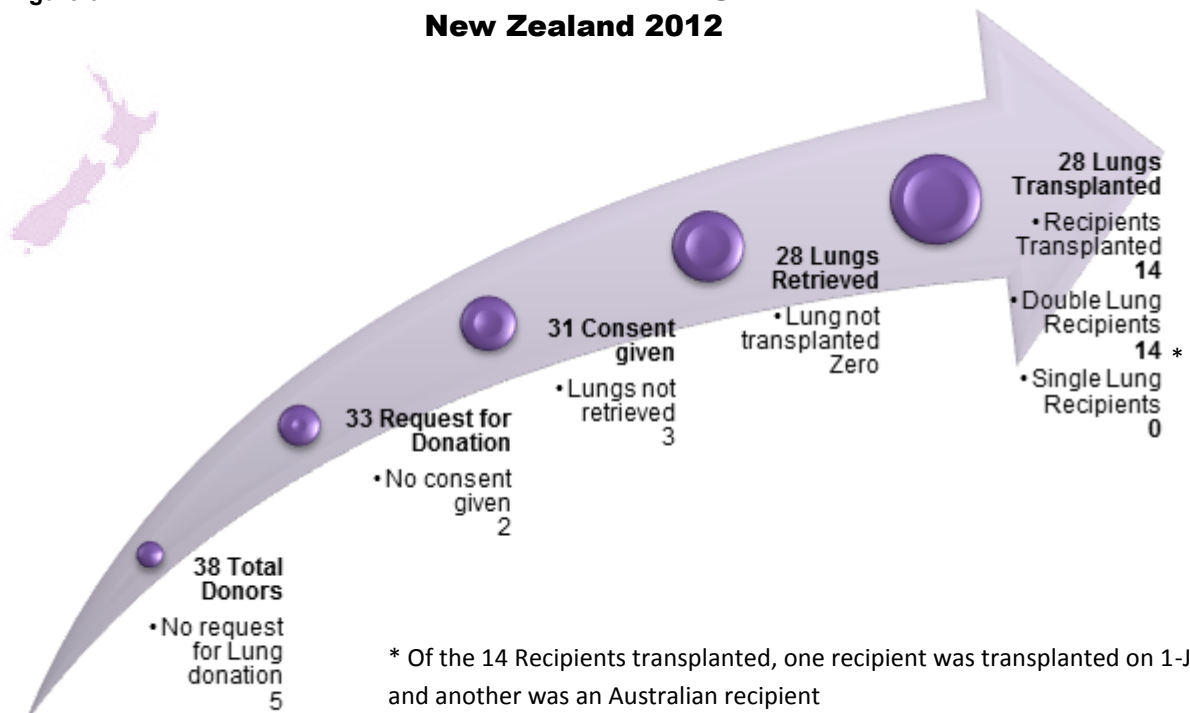


Figure 5.27

### Outcome of Request for Lung Donation New Zealand 2012



\* Of the 14 Recipients transplanted, one recipient was transplanted on 1-Jan-2013 and another was an Australian recipient

Figure 5.28

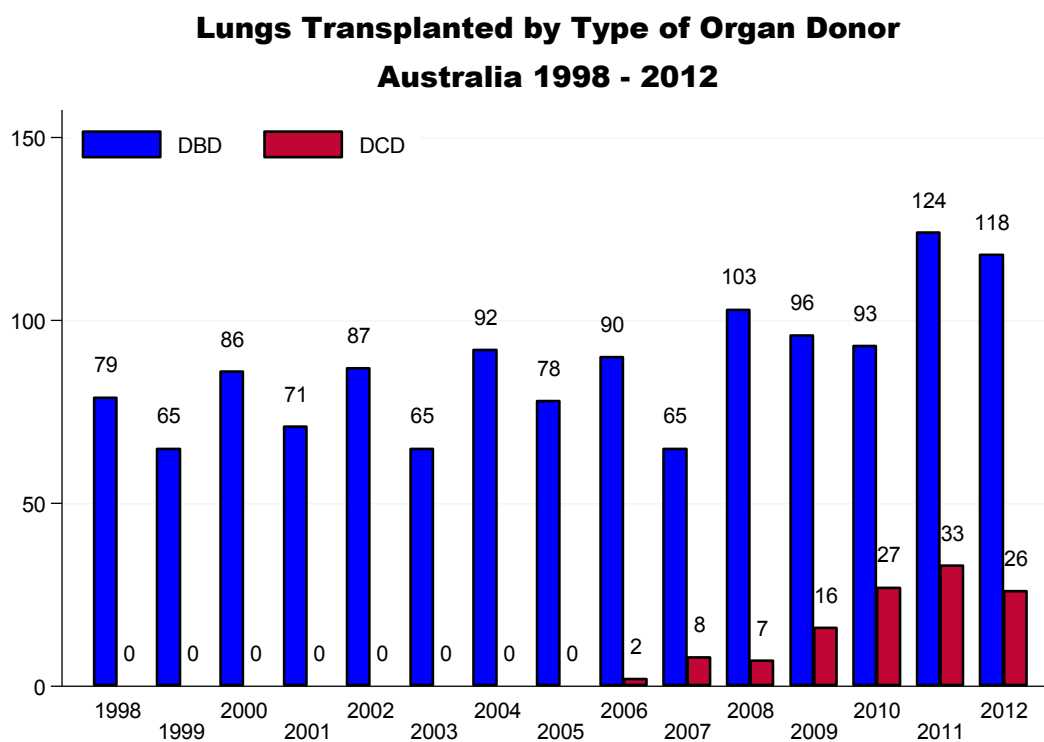
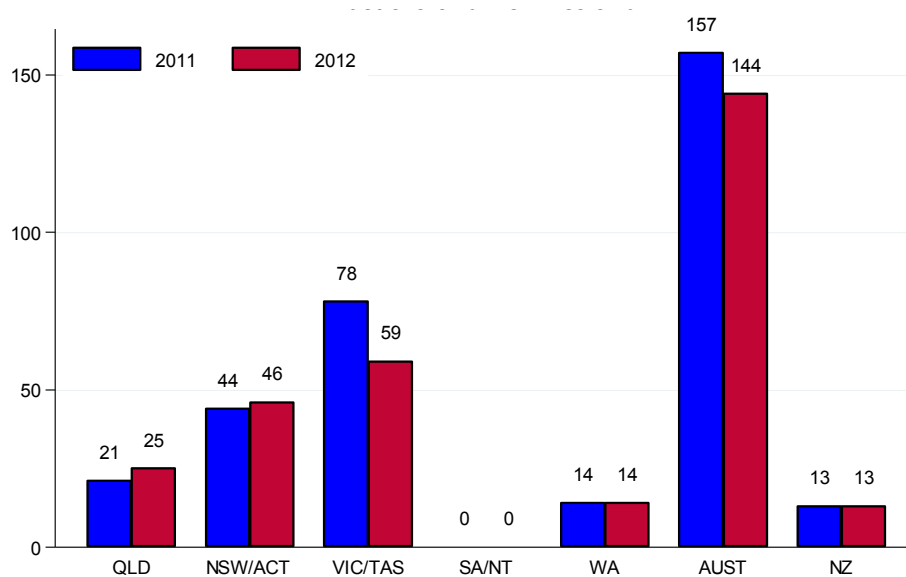


Figure 5.29

**Deceased Donor Lung Transplant Recipients \*  
by Transplant State Australia and New Zealand 2011 - 2012**



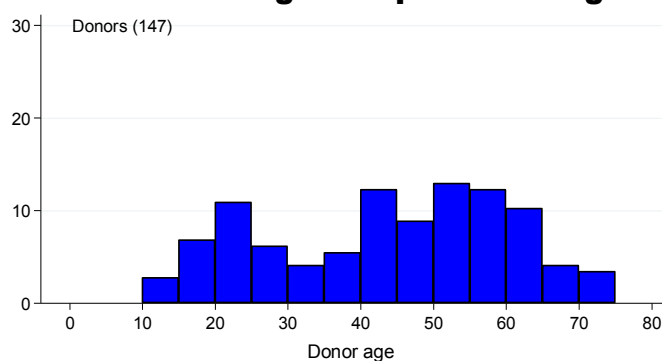
\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand



# Organ Data

Figure 5.30

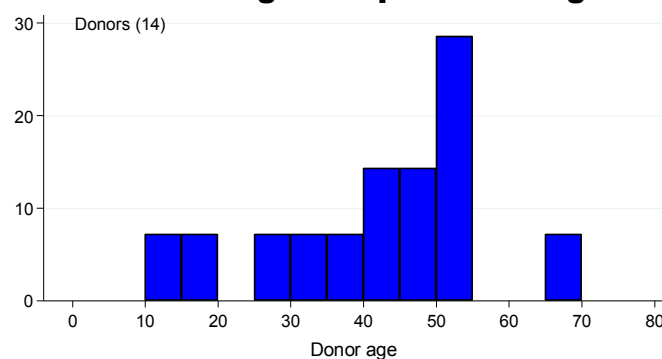
## Age of Donors Australia 2012 Providing Transplanted Lungs



Includes 4 Heart-Lung Donors

Figure 5.31

## Age of Donors New Zealand 2012 Providing Transplanted Lungs



Includes 0 Heart-Lung Donors

## DONOR LUNG FUNCTION

### AUSTRALIA

There were 89 Australian lung donors (56%) who had a bronchoscopy in 2012. Nineteen donors had chest trauma; these included nine pneumothorax, one with a chest drain and seven with contusions

The arterial blood gases were taken on 100% FiO<sub>2</sub> and PEEP of 5 cm. Sixty four donors had a PEEP > 5 cm.

The results from 144 lung donors in 2012 show 14% (21) to be acidotic (pH < 7.35) and 16% (24) to be alkalotic (pH > 7.45).

Oxygenation measured as PaO<sub>2</sub> ranged from 31-612 mmHg with a median of 413 mmHg.

PaCO<sub>2</sub> ranged from 5.20-62.0 mmHg with a median of 39.6 mmHg.

### NEW ZEALAND

There were three (22%) New Zealand lung donors who had a bronchoscopy in 2012. No donors had chest trauma.

All fourteen lung donors had 100% FiO<sub>2</sub>; five had a PEEP greater than 5cm.

The arterial blood gas results from fourteen lung donors in 2012 show 43% (6) to be acidotic (pH < 7.35) and no donors to be alkalotic (pH > 7.45).

Oxygenation measured as PaO<sub>2</sub> ranged from 307-613 mmHg with a median of 435.5 mmHg.

PaCO<sub>2</sub> ranged from 30.0 - 61.00 mmHg with a median of 43.0 mmHg.

## PANCREAS DONATION

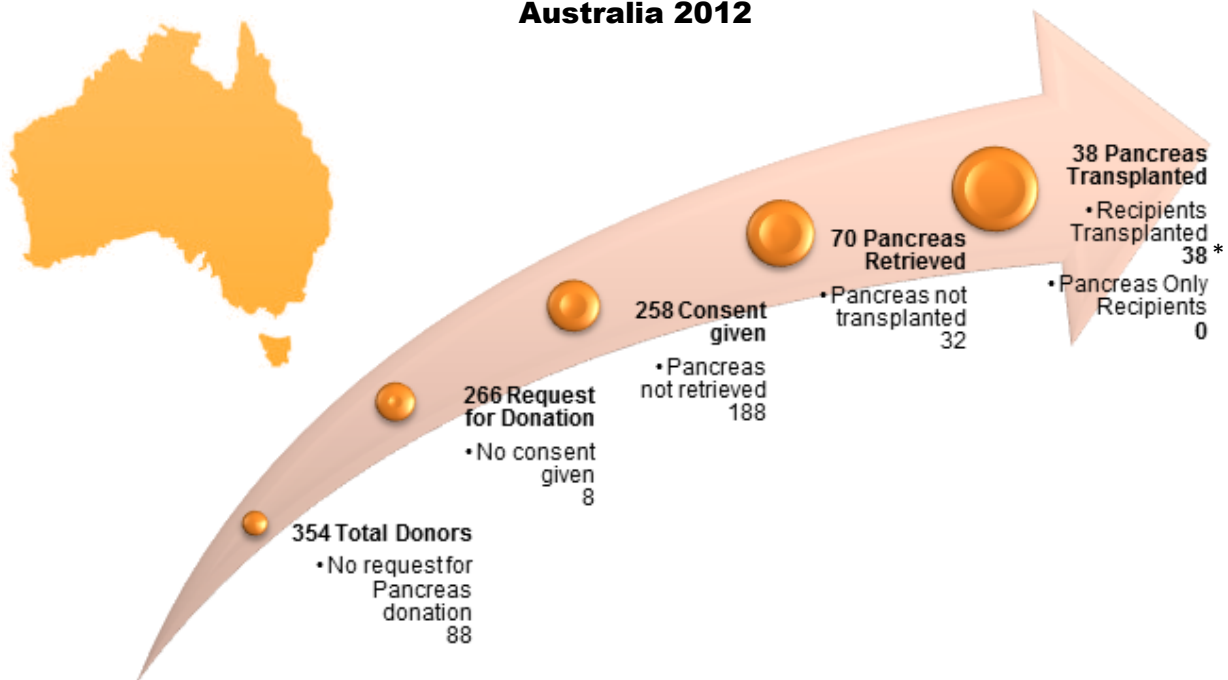
There were 37 recipients of combined kidney/pancreas transplants performed in 2012; 28 in New South Wales and ten in Victoria. Including combined Pancreas/liver/intestines transplant.

Three pancreas islets transplants were performed in 2012; one each in New South Wales, Victoria and South Australia.

In New Zealand in 2012, there were three combined kidney/pancreas transplants performed in Auckland.

The first perfusion fluid used in Australia for pancreas retrieved was Ross solution (47%), Hartmans (34%), saline (13%) and UW (5%). UW was used for all New Zealand pancreas retrieved.

Figure 5.32 **Outcome of Request for Pancreas Donation Australia 2012**



\* All 38 Pancreas transplants resulted in 38 combined Kidney/Pancreas recipient transplants.

Figure 5.33 **Outcome of Request for Pancreas Donation  
New Zealand 2012**

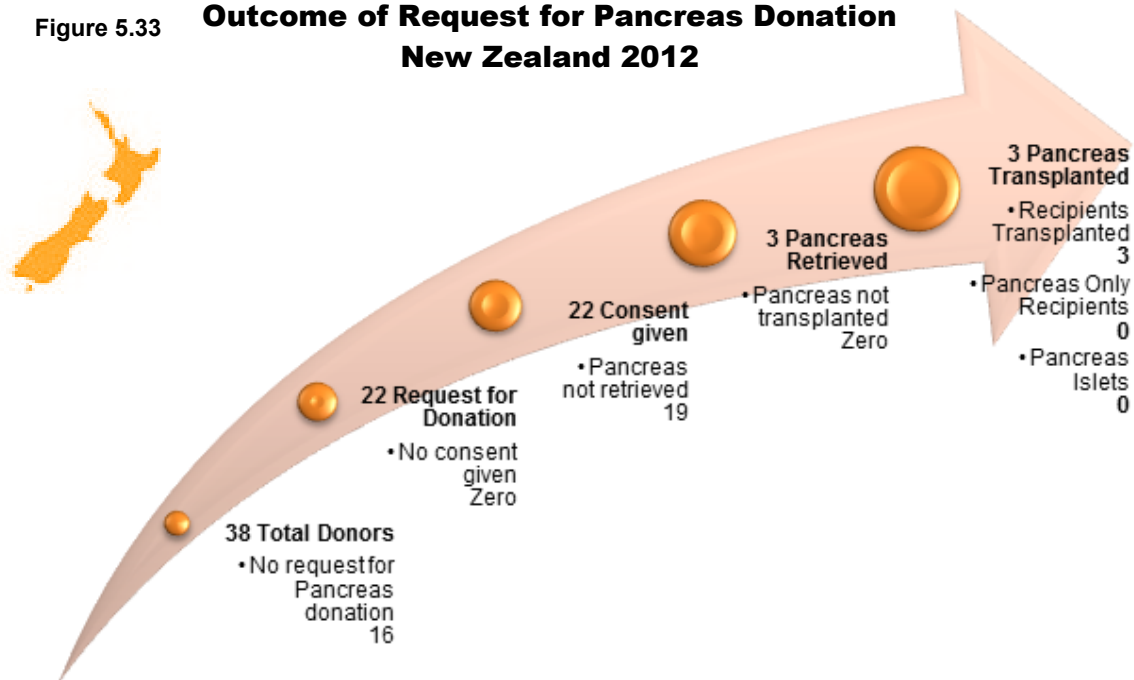
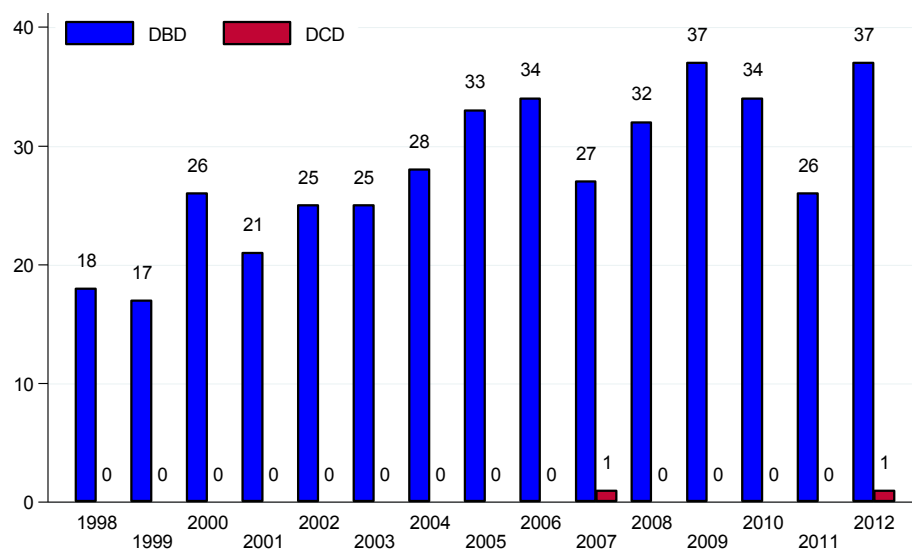


Figure 5.34

**Pancreas Transplants by Type of Organ Donor  
Australia 1998 - 2012**

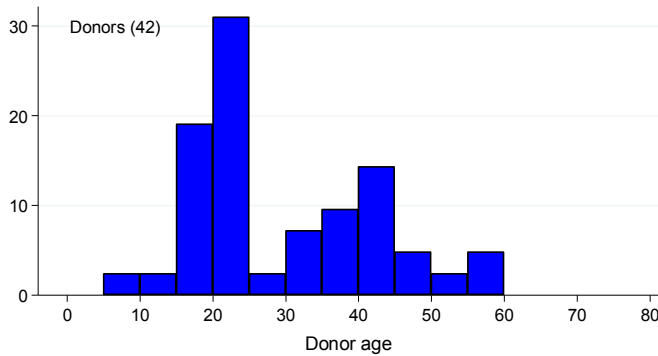


# Organ Data



Figure 5.35

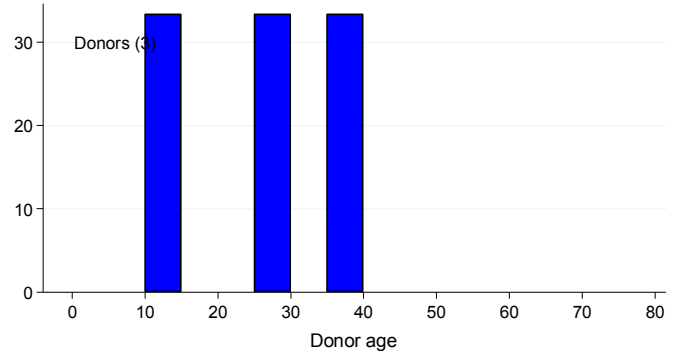
## Age of Donors Australia 2012 Providing Transplanted Pancreas



Includes 42 Pancreas + Pancreas Islet Donors

Figure 5.36

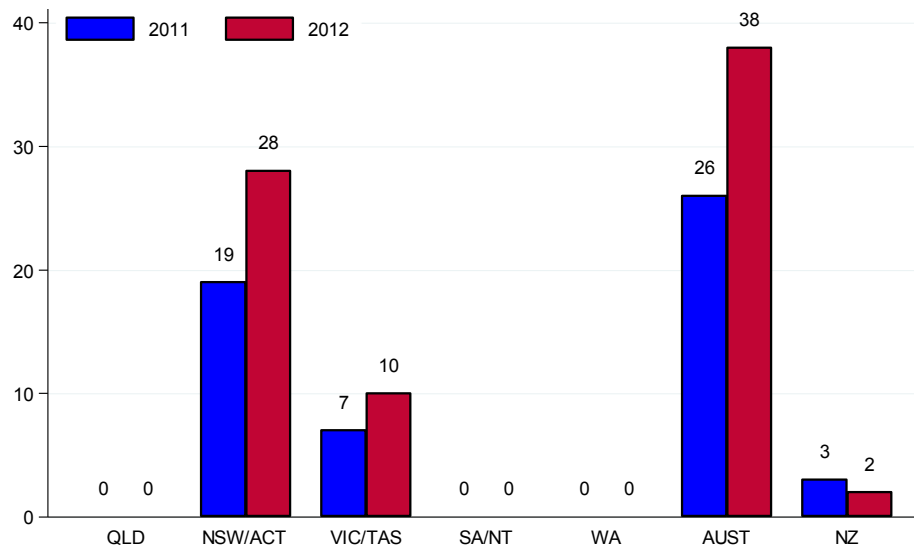
## Age of Donors New Zealand 2012 Providing Transplanted Pancreas



Includes 3 Pancreas + Pancreas Islet Donors

Figure 5.37

## Deceased Donor Pancreas Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012



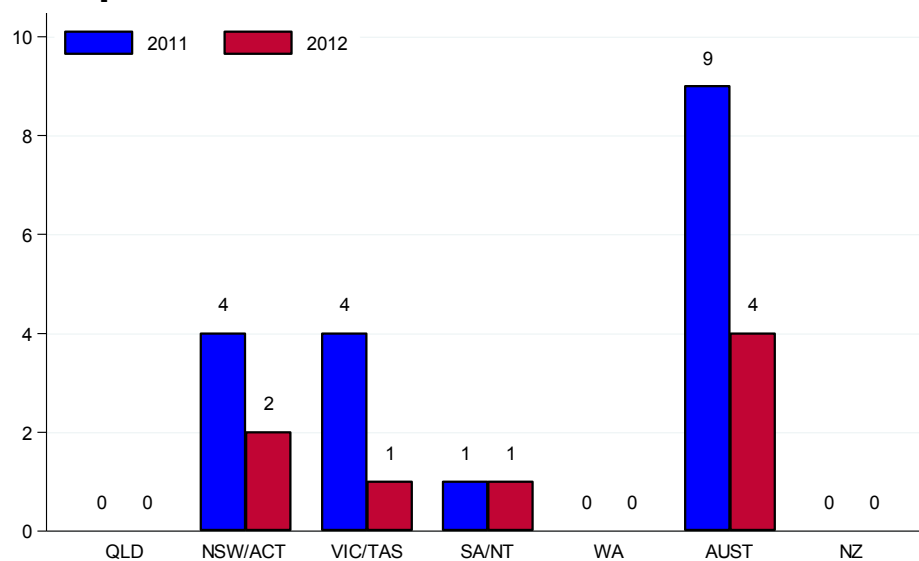
\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand



## PANCREAS ISLETS DONATION

Figure 5.38

### Deceased Donor Pancreas Islets Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012



\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand

Pancreas islet transplantation is a procedure in which islets from the pancreas of the deceased organ donor are purified, processed and transplanted into a recipient. This procedure is performed only in Type 1 Diabetics where blood glucose levels are difficult to control.

In Australia and New Zealand, the total number of pancreas islet transplants performed, since this experimental procedure began in 2002 is 68. In 2012, one patient received 2 pancreas islet transplants.

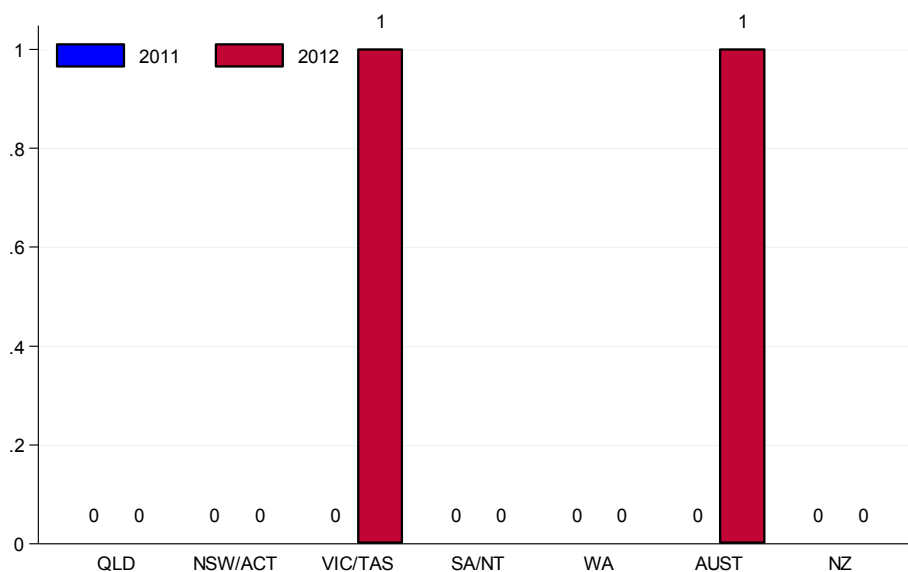
Of all pancreas retrieved in 2012, 7 pancreas islets were not used for transplantation due to insufficient islets and a further 18 pancreas retrieved were used for pancreas islets research.



## INTESTINE DONATION

Figure 5.39

### Deceased Donor Intestine Transplant Recipients by Transplant State Australia and New Zealand 2011 - 2012



Adult and paediatric patients with irreversible intestinal failure and developing severe complications from parenteral nutrition can benefit from intestinal transplantation. With only two intestinal transplants have been performed in Australia, this is not yet a standard treatment for irreversible intestinal failure.

The first successful intestinal transplant was performed at the Austin Hospital in Victoria, Australia in 2010.



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## ***Chapter 6***

### ***Tissue & Eye Data***





# Tissue & Eye Data

While only a small percentage of people are medically suitable to donate solid organs upon death, a larger proportion are eligible to become eye and/or tissue donors. However, the majority of tissue donations occur from living donors.

Historically, there has been no consolidated collection or reporting of data about tissue and eye donation and utilisation in Australia. The Australian Organ and Tissue Donation and Transplantation Authority (AOTDTA) has identified the need for national reporting of tissue data. Discussions with stakeholders identified a number of concerns with existing datasets held by individual agencies. These included:

- challenges capturing the entire tissue donation dataset (including living donor tissue, deceased donor tissue only and deceased solid organ and tissue donations);
- over counting or duplicate counts of tissue donors and donations via multiple agencies of deceased solid organ and tissue collection and inter-bank tissue donation transfers;
- jurisdictional differences in policies relating to data collection; and
- differing terminology between eye & tissue banks and reporting agencies.

In 2012, at the request of the AOTDTA and in collaboration with Australian eye & tissue banks, ANZOD undertook the inaugural collection and reporting of donors and donations in this sector, Australia wide. By reporting to a common entity, ANZOD was able to identify data discrepancies and erroneous data. With assistance from participating banks, methods of data cleansing and reconciliation have been introduced. These initial measures address some of the concerns associated with national reporting, but there is further work underway to implement unique identifiers to exclude double-counting and facilitate tracing of transplanted eyes and tissues (and various tissue products).

This chapter presents the eye & tissue data provided by banks across Australia, in conjunction with data collected within the solid organ donation sector by DonateLife.

The aim for the ANZOD Registry is to continue delivering accurate data for the tissue and eye sectors. The goals going forward include the collection of donor specific donation data with allocation of a unique donor identification, introduction of capturing outcome data and unifying terminology across agencies. Collaboration with the Eye Bank Association of Australia and New Zealand (EBAANZ) is assisting the momentum for accurate reconciliation for reporting into the future.

The following Tissue Banks contributed data :

- ACT** - ACT Bone Bank
- NSW** - Australian Biotechnologies  
- Hunter New England Bone Bank  
- NSW Bone Bank  
- Rachel Forster Bone Bank  
- Sydney Heart Valve Bank
- QLD** - QLD Bone Bank  
- QLD Heart Valve Bank
- SA** - SA Tissue Bank
- VIC** - Barwon Health Bone Bank Geelong  
- Donor and Tissue Bank Victoria
- WA** - Perth Bone and Tissue Bank (PlusLife)  
- Royal Perth Heart Valve Bank

EBAANZ contributed data on the following Eye Banks in Australia and New Zealand :

- NSW** - Lions NSW Eye Bank
- QLD** - Queensland Eye Bank
- SA** - The Eye Bank of SA
- VIC** - Lions Eye Donation Service (Vic)
- WA** - Lions Eye Bank of WA
- NZ** - NZ National Eye Bank

# Tissue & Eye Data

## Tissue & Eye Donors

For 2012, tissue banks across Australia provided aggregate data for cardiovascular, musculoskeletal and skin tissue donations for a total of 3,843 tissue donors.

EBAANZ reported on behalf of Eye banks across Australia and New Zealand, including 1166 eye donors in Australia and 135 in New Zealand.

Figure 6.1

**Number of Tissue Donors, Australian States 2012**

Figure 6.1 shows the number of unique tissue donors in each State (both living and deceased combined).

Each total number excludes duplicate counts of donors that are also multi-organ or multi-tissue donors where the donor coordination is performed by another donation agency.

Data sourced from Australian Tissue Banks.

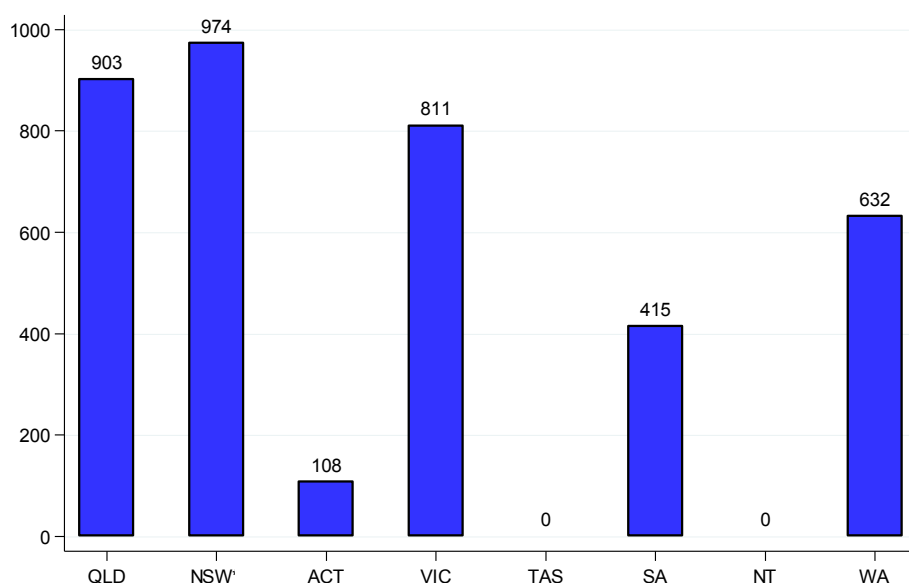


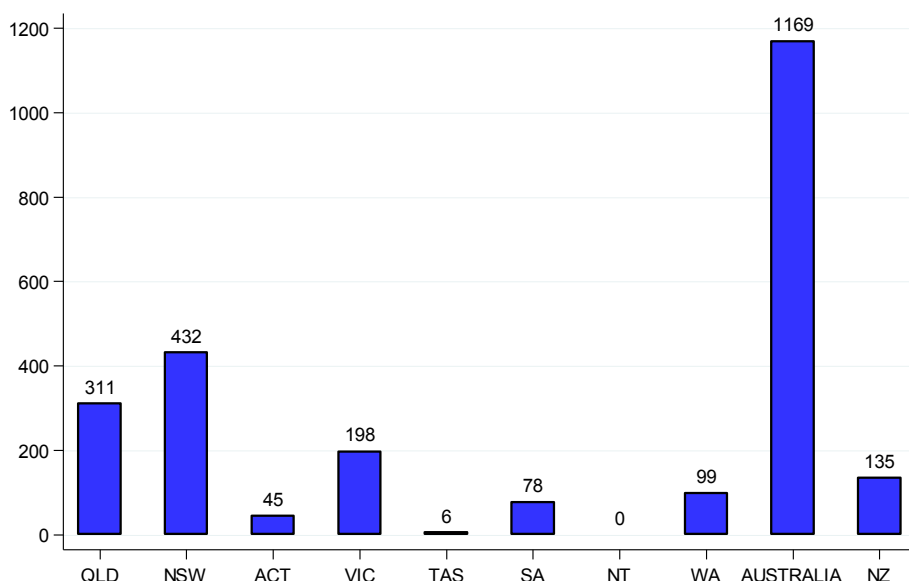
Figure 6.2

**Number of Eye Donors, Australian and New Zealand 2012**

Figure 6.2 represents the number of eye donors obtained in each State. Note that some States manage eye donation from a satellite State not having an Eye Bank.

Donor numbers may also include eye donors that are also multi-organ or multi-tissue donors where the donor coordination is performed by another donation agency.

Data sourced from EBAANZ.





# Tissue & Eye Data

## Tissue Donation

Musculoskeletal donations can be in the form of bone, tendon and ligaments and are utilised for knee and hip replacements, reconstructive orthopaedic surgery following trauma or disease, spinal deformities and can aid in prevention of limb loss following tumour removal. Just one musculoskeletal donation can aid many recipients and greatly improve their quality of life.

Cardiovascular tissue is in the form of heart valves which are necessary to regulate the flow of blood to and from the heart. Diseased or defected heart valves can have serious implications. The best option for repairing or replacing heart valves is through human cardiovascular tissue donation.

Donated skin contributes to saving lives and improving long term outcomes for patients who suffer severe burns. Donated tissue is essential when a patient's own skin can not be used for grafting. Using donated skin as a wound "dressing" helps reduce infection, fluid loss and pain, promotes wound heal-

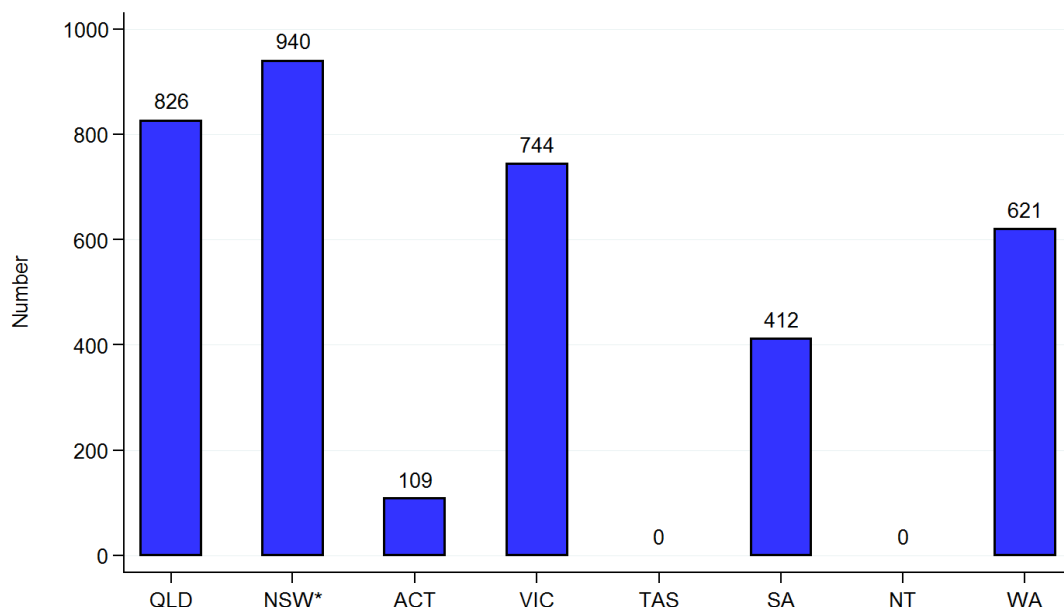
ing and minimises scarring. Often recipients will require more than one donated graft for their wounds to heal. Skin grafts are also used to treat wounds resulting from trauma and serious infection.

Among 3,843 tissue donors in Australia during 2012, there were 3,655 tissue donations from live donors and 323 tissue donations from deceased donors. Donations from live donors (92% of all donations) consisted predominately of musculoskeletal tissue 3,652 by people who donated femoral heads whilst undergoing hip replacement surgery. Three live donors provided cardiovascular tissue. Tissue donation from live donors in Australia is managed by the individual tissue banks across Australia and New Zealand.

Figure 6.3 provides the breakdown by jurisdiction of the 3,655 tissue donations from live donors and similarly the breakdown by jurisdiction of 323 tissue donation from deceased donors is shown in Figure 6.4.

**Figure 6.3**

### Living Tissue Donation 2012

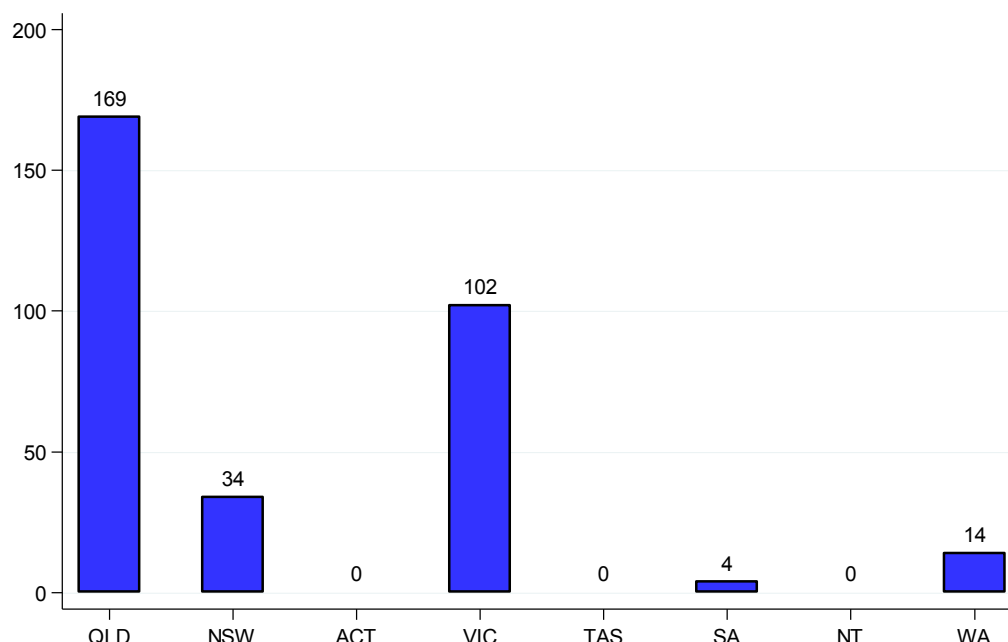


\* NSW also had 3 cardiovascular tissue donors in 2012. There were no other living CV donors.

# Tissue & Eye Data

Figure 6.4

**Deceased Tissue Donation 2012**



Tissue donation from deceased donors in 2012 included donations from tissue only and solid organ/tissue donors. Combined, this consisted of 126 musculoskeletal tissue, 89 cardiovascular tissue and 108 skin, for a total of 323 donations.

Figure 6.5 shows the state of donation for tissue retrieved from deceased donors by tissue type and donation sector. Fifty nine percent (191) of tissue retrieved from deceased donors were from the tissue only sector, while 41% (132) were from the solid organ/tissue sector.

Figure 6.5

**Tissue Donation from Deceased Donors in 2012  
by State and Donation Sector**

| State            | Tissue Only Sector |           |           | Solid Organ/Tissue Sector |           |           | Tissue Total |           |            |
|------------------|--------------------|-----------|-----------|---------------------------|-----------|-----------|--------------|-----------|------------|
|                  | ms                 | cv        | skin      | ms                        | cv        | skin      | ms           | cv        | skin       |
| QLD              | 48                 | 16        | 43        | 25                        | 13        | 24        | 73           | 29        | 67         |
| NSW              | 13                 | 1         | 0         | 8                         | 12        | 0         | 21           | 13        | 0          |
| ACT              | 0                  | 0         | 0         | 0                         | 0         | 0         | 0            | 0         | 0          |
| VIC              | 16                 | 14        | 30        | 7                         | 24        | 11        | 23           | 38        | 41         |
| TAS              | 0                  | 0         | 0         | 0                         | 0         | 0         | 0            | 0         | 0          |
| SA               | 0                  | 0         | 0         | 0                         | 4         | 0         | 0            | 4         | 0          |
| NT               | 0                  | 0         | 0         | 0                         | 0         | 0         | 0            | 0         | 0          |
| WA               | 6                  | 4         | 0         | 3                         | 1         | 0         | 9            | 5         | 0          |
| <b>AUSTRALIA</b> | <b>83</b>          | <b>35</b> | <b>73</b> | <b>43</b>                 | <b>54</b> | <b>35</b> | <b>126</b>   | <b>89</b> | <b>108</b> |

ms = musculoskeletal tissue  
cv = cardiovascular tissue



# Tissue & Eye Data

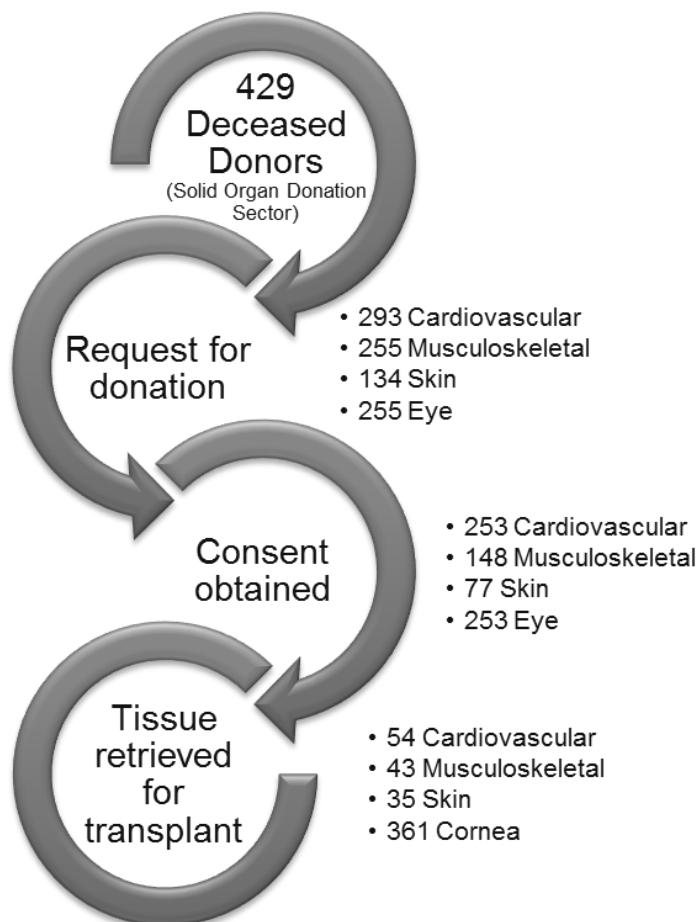
## Outcome of Request for Tissue Donation

Figure 6.6

### Outcome of Request for Tissue Donation

#### Australia 2012

#### (Deceased Solid Organ Donation Sector)



The outcome of request for tissue donation from the solid organ donation sector is displayed in Figure 6.6. DonateLife agencies across Australia provide data to ANZOD that includes tissue retrieved from either an actual or intended solid organ donor. This data may vary slightly from data supplied from tissue banks due to unidentified data duplication and mistaken identity of data from solid organ/tissue donors, in the event solid organ retrieval did not eventuate at the time. All effort however, is taken to report data without duplication of counts by reconciliation with tissue banks and EBAANZ when indicated.

In 2012 there were a total of 493 tissue donations from donors who followed the solid organ donation pathway. Of those donations, 9% (43) were musculoskeletal, 11% (54) were cardiovascular, 7% (35) were skin and 73% (361) were corneas.

Consent for eye donation can result in retrieval of two corneal donations. Cornea's retrieved from donors from the solid organ donation sector consist of 31% of deceased donors Australia wide.

## Age of Tissue Donors

### (Deceased Solid Organ Donation Sector 2005 - 2012)

Figures 6.7 to 6.13 show the donor age per year for specific tissue types from 2005 to 2012, for those tissue donors from the solid organ donation sector in Australia and New Zealand.

ANZOD has not been notified of any musculoskeletal tissue retrieval from deceased solid organ donors in New Zealand since 2005.

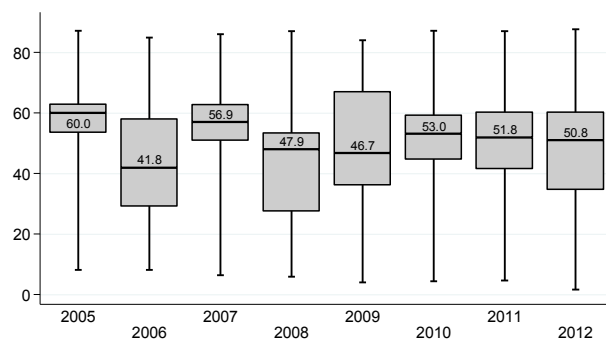
The mean age for 2012 was 48.6 years, with the youngest donor aged 2.6 years being a cardiovascular tissue donor and the oldest aged 82.4 years, being a corneal donor. Musculoskeletal donors ranged from 20.3 years to 66.6 years and skin donors ranged from 14.8 years to 66.6 years.



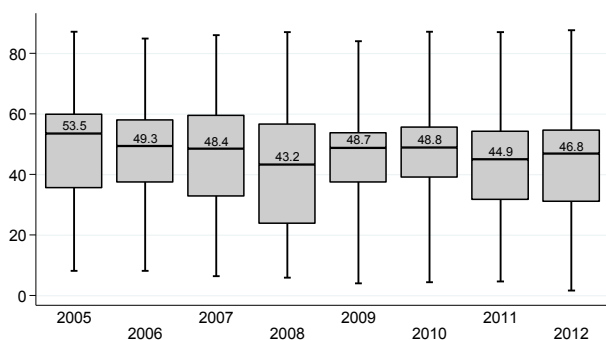
# Tissue & Eye Data



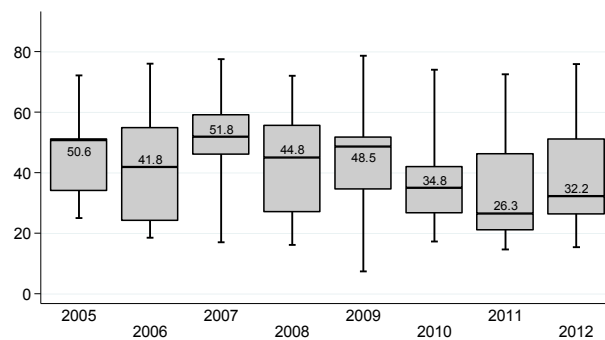
**Figure 6.7** Age of Musculoskeletal Donors Australia 2005-2012



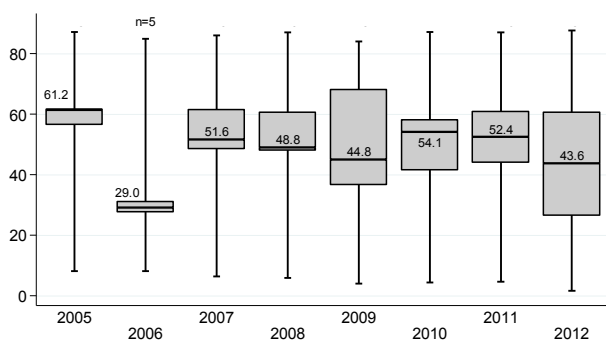
**Figure 6.8** Age of Cardiovascular Donors Australia 2005-2012



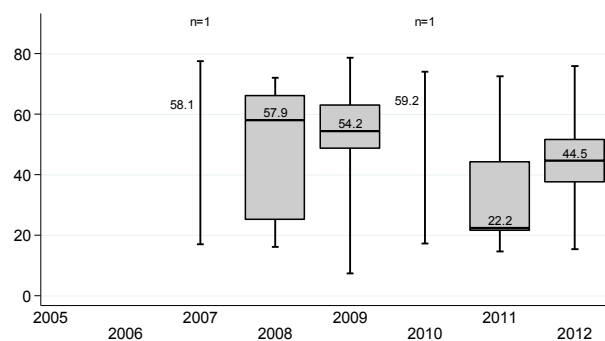
**Figure 6.9** Age of Cardiovascular Donors New Zealand 2005-2012



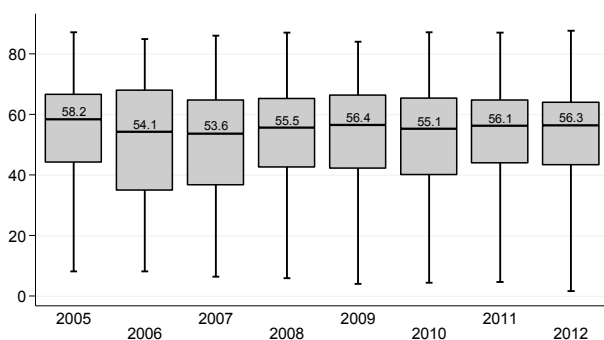
**Figure 6.10** Age of Skin Donors Australia 2005-2012



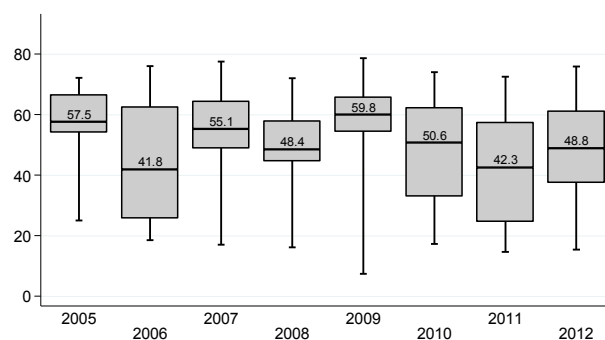
**Figure 6.11** Age of Skin Donors New Zealand 2005-2012



**Figure 6.12** Age of Eye Donors Australia 2005-2012



**Figure 6.13** Age of Eye Donors New Zealand 2005-2012





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## ***Chapter 7***

### ***Organ Waiting Lists***



***in Australia and New Zealand***



# Organ Waiting Lists

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

Firstly, waiting list data is not necessarily a good indicator of actual demand for transplantation. There are many people who would benefit from transplantation who are not placed on waiting lists. This reflects the concept of “utility” in selection for transplantation; national consensus guidelines exist in this area ([www.tsanz.com.au/organallocationprotocols/index.asp](http://www.tsanz.com.au/organallocationprotocols/index.asp)). For example, listing on the kidney transplant waiting list requires an 80% expected survival at 5 years post transplantation.

Secondly, the reasons for removal from the list are not known in all cases. In some cases (particularly cardio-

thoracic and liver waiting lists) this may be due to improving health; conversely it may reflect deteriorating health such that the risks of transplantation are no longer acceptable. Whether these people subsequently returned to the waiting list, remained off the list, or died without returning to the list is not known.

Thirdly, the waiting list data tables refers only to people on the “active” waiting list who would be transplanted immediately if an organ were available. For some organs, there are groups of patients who have been assessed but not yet activated on the waiting list, or who are temporarily removed or made “inactive”.

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



# Organ Waiting Lists

## Kidneys

Data for these waiting lists are derived from the relevant material from National Organ Matching System combined with material from the ANZDATA Registry as part of a one-off project in 2012, including data to the end of 2010. Among people on the deceased donor waiting list, some receive kidneys from living donors. However, most people who receive living donor kidneys are not already on the deceased donor waiting list. These 2 groups are illustrated separately. Data is currently available only for Australia. Negotiations are currently underway to update the Australian data, and to extend to the inclusion of New Zealand data.

Figure 7.1

| Kidney Transplant Waiting List, Australia |                         |              |                    |                                |                            |                       |              |                       |  |                  |
|---|-------------------------|--------------|--------------------|--------------------------------|----------------------------|-----------------------|--------------|-----------------------|--|------------------|
| Year                                      | Active at start of year | New listings | Re-moved from list | Trans-planted (Deceased Donor) | Trans-planted (Live Donor) | Trans-plant Over-seas | Died on list | Active at end of year | Trans-planted (Live Donor not on list) | Total Live Donor |
| 2007                                      | 1386                    | 623          | 173                | 338                            | 96                         | 8                     | 14           | 1380                  | 175                                    | 271              |
| 2008                                      | 1380                    | 686          | 196                | 441                            | 123                        | 1                     | 16           | 1289                  | 231                                    | 354              |
| 2009                                      | 1289                    | 710          | 189                | 434                            | 63                         | 4                     | 10           | 1299                  | 264                                    | 327              |
| 2010                                      | 1299                    | 651          | 160                | 533                            | 59                         | 1                     | 7            | 1190                  | 237                                    | 296              |



## Liver

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

Figure 7.2

| <b>Liver Transplant Waiting List, Australia and New Zealand</b> |                                |                     |                          |                                    |                     |                              |
|---|--------------------------------|---------------------|--------------------------|------------------------------------|---------------------|------------------------------|
| <b>Year</b>   | <b>Active at start of year</b> | <b>New listings</b> | <b>Removed from list</b> | <b>Transplanted Deceased Donor</b> | <b>Died on list</b> | <b>Active at end of year</b> |
| <b>2008</b>   | 199                            | 290                 | 48                       | 229                                | 48                  | 169                          |
| <b>2009</b>   | 169                            | 335                 | 69                       | 228                                | 32                  | 175                          |
| <b>2010</b>   | 175                            | 335                 | 46                       | 248                                | 12                  | 194                          |
| <b>2011</b>   | 194                            | 336                 | 68                       | 253                                | 17                  | 192                          |
| <b>2012</b>   | 192                            | 347                 | 60                       | 268                                | 29                  | 182                          |

## Pancreas

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

Figure 7.3

| <b>Pancreas Waiting List, Australia and New Zealand</b> |                                |                     |                          |                                    |                     |                              |
|---|--------------------------------|---------------------|--------------------------|------------------------------------|---------------------|------------------------------|
| <b>Year</b>   | <b>Active at start of year</b> | <b>New listings</b> | <b>Removed from list</b> | <b>Transplanted Deceased Donor</b> | <b>Died on list</b> | <b>Active at end of year</b> |
| 2012  | 43                             | 60                  | 16                       | 37                                 | 2                   | 48                           |

## Cardiothoracic Organs

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

Figure 7.4

| <b>Heart Transplant Waiting List, Australia and New Zealand</b> |                                |                     |                          |                                    |                     |                              |
|---|--------------------------------|---------------------|--------------------------|------------------------------------|---------------------|------------------------------|
| <b>Year</b>   | <b>Active at start of year</b> | <b>New listings</b> | <b>Removed from list</b> | <b>Transplanted Deceased Donor</b> | <b>Died on list</b> | <b>Active at end of year</b> |
| <b>2008</b>   | 61                             | 113                 | 24                       | 90                                 | 8                   | 52                           |
| <b>2009</b>   | 52                             | 110                 | 33                       | 71                                 | 7                   | 51                           |
| <b>2010</b>   | 51                             | 103                 | 17                       | 76                                 | 8                   | 53                           |
| <b>2011</b>   | 53                             | 117                 | 7                        | 76                                 | 9                   | 78                           |
| <b>2012</b>   | 78                             | 108                 | 15                       | 85                                 | 8                   | 78                           |

Figure 7.5

| <b>Lung Transplant Waiting List, Australia and New Zealand</b> |                                |                     |                          |                                    |                     |                              |
|--|--------------------------------|---------------------|--------------------------|------------------------------------|---------------------|------------------------------|
| <b>Year</b>  | <b>Active at start of year</b> | <b>New listings</b> | <b>Removed from list</b> | <b>Transplanted Deceased Donor</b> | <b>Died on list</b> | <b>Active at end of year</b> |
| <b>2008</b>  | 111                            | 165                 | 26                       | 129                                | 16                  | 105                          |
| <b>2009</b>  | 105                            | 155                 | 15                       | 130                                | 6                   | 109                          |
| <b>2010</b>  | 109                            | 181                 | 15                       | 136                                | 17                  | 124                          |
| <b>2011</b>  | 124                            | 189                 | 22                       | 172                                | 13                  | 112                          |
| <b>2012</b>  | 112                            | 186                 | 16                       | 161                                | 14                  | 107                          |



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## ***Chapter 8***

# ***Organ Donation Outcome Data***



***in Australia and New Zealand***



# Outcome Data

This chapter summarises the outcomes for the solid organ transplants performed in Australia.

This information is supplied by the various transplant outcome registries, and reflects the outcomes of transplants performed across Australia and New Zealand.

For the first time this year, the various time points have been standardised, and graft survival is presented at 1 and 5 years. For each organ, the concept of graft survival is similar: sufficient organ function to maintain life without other organ replacement therapy. Thus the endpoints for graft survival analyses are death or re-transplantation for all organs. For kidneys, return to dialysis also indicates a loss of graft function, and for pancreas transplant the recommencement of insulin therapy. The table shows the proportion of grafts functioning at 1 and 5 years, calculated using the Kaplan-Meier method.

Considerable further information is available for each organ at the websites of the relevant outcome Registry ([anzdata.org.au](http://anzdata.org.au); [anzltr.org](http://anzltr.org); [anzcotr.org.au](http://anzcotr.org.au)).

**Figure 8.1**

| <b>Graft Survival</b>                                |               |               |
|--|---------------|---------------|
| <b>Organ</b>   | <b>1 year</b> | <b>5 year</b> |
| <b>Liver transplants<sup>1</sup></b>                 | 0.90          | 0.81          |
| <b>Pancreas transplant survival<sup>2</sup></b>      | 0.89          | 0.85          |
| <b>Heart transplants<sup>3</sup></b>                 | 0.87          | 0.82          |
| <b>Lung transplants<sup>3</sup></b>                  | 0.92          | 0.64          |
| <b>Combined Heart/Lung transplant<sup>3</sup></b>    | 0.71          | 0.64          |
| <b>Deceased donor Kidney (Australia)<sup>4</sup></b> | 0.93          | 0.81          |
| <b>Deceased donor Kidney (NZ)<sup>4</sup></b>        | 0.93          | 0.79          |

1. All primary liver transplants, Australia and New Zealand. Courtesy of Australia and New Zealand Liver Transplant Registry. 1-year survival figures include grafts 2007-12; five year survival figures include grafts 2003-12. [www.anzltr.org](http://www.anzltr.org)
2. Pancreas survival (pancreas component of combined kidney-pancreas transplants). All pancreata, Australia and NZ. Figures include all pancreas transplants performed 2003-12. Courtesy of Australia and New Zealand Pancreas Transplant Registry. (based at National Pancreas Transplant Unit, Westmead Hospital, Sydney).
3. Heart and lung and heart/lung combined figures, Australia only. Courtesy of Australia and New Zealand Cardiothoracic Organ Transplant Registry. 1-year survival figures include grafts 2007-12; five year survival figures include grafts 2003-12. [www.anzcotr.org.au](http://www.anzcotr.org.au)
4. Kidney figures refer to recipients of kidney-only transplants from deceased donors. Courtesy of Australia and New Zealand Dialysis and Transplant Registry. 1-year survival figures include grafts 2006-11; five year survival figures include grafts 2002-11. [www.anzdata.org.au](http://www.anzdata.org.au)

### ***Glossary of Terms***



***in Australia and New Zealand***



# Glossary of Terms

**Active Transplant Waiting List** - This is the list of patients who have been through the assessment process and are fit and ready to receive a transplant. When a donor organ becomes available, the patient is included among those who are matched against the donor. It may sometimes be necessary to remove someone from the transplant list, either temporarily or permanently. This may be done, for example, if someone becomes too ill to receive a transplant. If a patient is suspended from the list, they are not eligible to receive a transplant and are not included in the consideration of any donor organs that become available.

**Actual Donor** - Definitions for this term can vary. The World Health Organisation consider an "Actual deceased organ donor" is a consented eligible donor from whom at least one organ was recovered for the purpose of transplantation. Historically the ANZOD Registry has used a slightly different definition of "a person from whom the retrieval operation is commenced for the purpose of transplantation". This includes donors who may be deemed medically unsuitable at time of surgery or after removal of organs.

**Allocation** - refers to the algorithm and process for determining to whom (from the waiting list of potential recipients) a given donated organ is offered. The algorithms determining allocation are pre-determined by a consensus process, and are available at the TSANZ website ([www.tsanz.com.au](http://www.tsanz.com.au)).

**Australia and New Zealand Organ Donation Registry (ANZOD Registry)**. The Registry collects and reports data for deceased organ donors. Data has been collected since 1989 in Australia and 1993 in New Zealand.

**Body Mass Index (BMI)** - is a calculation used as a measure of obesity (in adults). It is calculated as the quotient of weight and the square of height, in units of  $\text{kg/m}^2$ .

**Bone** - Dense calcified tissue that forms the skeleton and supports the body. Bone can be donated and transplanted.

**Brain Death** - Brain death occurs when the brain function at all level is totally and irreversibly lost. This is determined by specialist doctors using a series of legally defined tests.

**Cardiac (or circulatory) Death** - Occurs when a person's heart stops and cannot be resuscitated. As with brain death, there is no recovery from cardiac death.

**Cardiovascular (CV) Tissue** - Cardiovascular tissue refers to heart valves which are necessary to regulate the flow of blood to and from the heart (see Heart Valves). Cardiovascular tissue can be donated and transplanted.

**Cornea** - The transparent outer covering of the eye's iris and pupil, forming the lens of the eye. Corneas can be donated and transplanted to restore sight for people with damaged corneas.

**Deceased Donor** - An individual from whom at least one solid organ is recovered for the purpose of transplantation after suffering brain death or cardiac death

**Deceased Donor Transplant** - The transplant of an organ, multiple organs or tissue from a deceased donor.

# Glossary of Terms

**Donation** - The act of giving organ(s), tissue(s), or blood to someone else without compensation.

**Donation after Brain Death (DBD)**- Donation of human organ(s) and/or tissue(s) for transplantation that occurs after Brain death has been certified.

**Donation after Circulatory Death (DCD)** - Donation of human organ(s) and/or tissue(s) for transplantation that occurs after the circulatory system has stopped and cardiac death certified. Acronym is DCD.

**Double Adult Kidney Transplant** - describes dual kidney transplantation from a marginal adult deceased donor, where both kidneys are implanted separately with separate anastomoses into the one recipient.

**En bloc Kidney Transplant** - describes the transplant of both kidneys retrieved together with aorta as a single item. These are obtained from paediatric donors typically under 15 kg in weight, into a single recipient and using the donor aorta and vena cava for vascular anastomosis.

**End-Stage Organ Disease** - A disease that leads, ultimately, to permanent, complete failure of an organ to function. Some examples are emphysema (lungs), cardiomyopathy (heart), and polycystic kidney disease (kidneys).

**Graft Survival** - The length of time an organ functions successfully after being transplanted. The end-points for calculations of grafts survival are either loss of graft function (for example, return to dialysis or retransplantation) or the death of the patient

**Heart** - A muscular organ that pumps blood through the body. The heart can be donated and transplanted.

**Heart Valves (HV)** - Prevent the back flow or leakage of blood as it is being pumped through the chambers inside of the heart. Heart valves can be donated and transplanted.

**Intended Donor** - Definitions for this term can vary. An intended organ donor is a person for whom the donation work was initiated as evidenced by both:

- 1) Formal written consent undertaken, including consent for donation of specific organ+/- tissues, and
- 2) Blood for tissue typing sent with allocation of a donor number;

but donation did not proceed. Historically the ANZOD Registry has used a slightly different definition, "A person from whom authority has been given or volunteered, but organ donation did not proceed. (eg positive virology, cardiac arrest, further investigations discovered cancer, infection etc.)"

**Intestines** - The portion of the digestive tract extending from the stomach to the anus, consisting of the stomach, the upper segment (small intestine) and lower segment (large intestine.) The intestines can be donated and transplanted.

**Intestinal transplants** - A transplant carried out in a patient with intestinal failure who requires a transplant.



**Kidneys** - A pair of organs that maintain proper water and electrolyte balance, regulate acid-base concentration, and filter metabolic waste which is excreted as urine. Kidneys can be donated by deceased and living donors to be transplanted.

**Living Donor** - A person who donates an organ or tissue while alive.

**Liver** - A large reddish-brown organ that secretes bile and is active in the formation of certain blood proteins and in the metabolism of carbohydrates, fats, and proteins. The liver, like the kidneys, assists in the removal of waste and toxins from the blood stream. The liver can be donated by deceased donors, and a liver lobe (section) can be provided by a living donor to be transplanted. The donor's liver will grow to full size, and the transplanted lobe will too.

**Lungs** - The organs that enable breathing to take place, providing life-sustaining oxygen to the body and its organs. Air is inhaled into the lungs and oxygen in the air is exchanged for carbon dioxide which is then exhaled. The exchange happens in the blood as it circulates through the sponge-like lung tissue. The lungs can be donated and transplanted. Lung transplantation can refer to single lung, double lung or even a heart-lung transplantation. A lung lobe can also be donated by a live donor.

**Multi-organ transplant** - A transplant in which the patient receives more than one organ.

**Musculoskeletal (MS) Tissue** - Musculoskeletal tissue refers to bone, tendon and ligaments and related products and is utilised for knee and hip replacements, reconstructive orthopaedic surgery following trauma or disease, spinal deformities and can aid in prevention of limb loss following tumour removal.

**National Organ Matching System (NOMS)** - A national database maintained by the Australian Red Cross of all patients waiting for an organ transplant.

**Organ** - A part of the body, made up of various tissues, which performs a particular function. Transplantable organs are: heart, intestines, liver, lungs, kidneys, and pancreas.

**Organ Donation** - To give an organ or a part of an organ to be transplanted into another person. Organ donation can occur with a deceased donor, who can give kidneys, pancreas, liver, lungs, heart, intestinal organs, and with a live donor, who can give a kidney or a portion of the liver, lung, or intestine.

**Organ Preservation** - Methods used to maintain the quality of organs between removal from the donor and transplantation into recipient. These methods include preservation solutions, pumps, and cold storage. Preservation times can vary from 2 to 48 hours depending on the type of organ being preserved.

**Pancreas** - Long, irregularly shaped gland that lies behind the stomach. Some glands in the pancreas secrete insulin. Pancreas transplants give patients with diabetes a chance to become independent of insulin injections. In addition to insulin, the pancreas secretes digestive enzymes (into the small intestine) that aid in the digestion of proteins, carbohydrates, and fats. Pancreas can be donated and transplanted.

**Pancreas Islets** - are clusters of *pancreatic* cells that sense blood sugar levels and release insulin to maintain normal levels. Pancreas islets are endocrine tissue located in the pancreas. Pancreas Islets can be donated and transplanted.



**Patient survival rate** - The percentage of patients who are still alive (whether the graft is still functioning or not). This is usually specified for a given time period after transplant. For example, a three-year patient survival rate is the percentage of patients who are still alive three years after their first transplant.

**Recipient** - In the context of organ and tissue transplantation, this is the patient receiving the donated organ or tissue.

**Request** - Where families of suitable donors are asked to give consent to their loved one's organs and tissues to be used for transplant.

**Retrieval** - The surgical procedure of organ recovery. Also referred to as procurement.

**Skin** - This is the largest organ of the body and has several different functions (e.g., protection from infection, fluid balance, cooling). Skin grafts can save the life a burn victim and can provide severely scarred individuals with a better quality of life.

**Split liver** - A split liver transplant occurs when the donor liver is divided into segments and then transplanted. These segments may be transplanted into more than one recipient, or a segment could be transplanted into a child for whom an entire adult liver would be too large.

**Tissue** - A body part consisting of similar cells that perform a special function. Examples of tissues that can be transplanted are bones, corneas, heart valves, ligaments, veins, and tendons.

**Transplantation** - The transfer of cells (eg. stem cells), tissue, or organs from one person to another.

**Transplant Recipient** - A person who has received a tissue or organ transplant.

**Waiting List** - The list of patients registered to receive organ transplants. It is made up of sub-lists of patients waiting for specific organs, and is also (for some organs) broken down by blood group. When a donor organ becomes available, the matching system generates a specific list of potential recipients based on the criteria defined in that organ's allocation policy.

**Ventilation** - The mechanism by which a machine "breathes" for a patient when the patient is not able to breathe properly.



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# *Supplement 1*

## *Australia*





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**Table 1.0**

**DONOR NUMBERS FOR EACH STATE  
1 JAN 1989 - 31 DEC 2012**

| YEAR         | QLD         | NSW         | ACT        | VIC         | TAS        | SA         | NT        | WA         | AUST        |
|--------------|-------------|-------------|------------|-------------|------------|------------|-----------|------------|-------------|
| 1989         | 37          | 86          | 3          | 65          | 2          | 19         | 2         | 17         | 231         |
| 1990         | 38          | 74          | 5          | 45          | 2          | 27         | 1         | 11         | 203         |
| 1991         | 46          | 72          | 4          | 45          | 2          | 15         | 2         | 23         | 209         |
| 1992         | 66          | 70          | 0          | 42          | 4          | 20         | 0         | 14         | 216         |
| 1993         | 44          | 68          | 6          | 52          | 6          | 23         | 3         | 19         | 221         |
| 1994         | 38          | 71          | 2          | 26          | 6          | 23         | 1         | 16         | 183         |
| 1995         | 34          | 60          | 7          | 38          | 4          | 23         | 1         | 17         | 184         |
| 1996         | 35          | 63          | 6          | 49          | 1          | 25         | 3         | 12         | 194         |
| 1997         | 37          | 65          | 4          | 42          | 5          | 25         | 4         | 8          | 190         |
| 1998         | 40          | 63          | 2          | 40          | 0          | 35         | 3         | 13         | 196         |
| 1999         | 20          | 48          | 2          | 42          | 6          | 30         | 3         | 13         | 164         |
| 2000         | 37          | 55          | 5          | 44          | 1          | 30         | 2         | 22         | 196         |
| 2001         | 48          | 47          | 7          | 40          | 3          | 25         | 2         | 13         | 185         |
| 2002         | 44          | 55          | 6          | 47          | 6          | 31         | 2         | 15         | 206         |
| 2003         | 40          | 46          | 8          | 42          | 2          | 22         | 1         | 18         | 179         |
| 2004         | 39          | 63          | 6          | 45          | 2          | 39         | 1         | 23         | 218         |
| 2005         | 35          | 54          | 9          | 50          | 2          | 20         | 4         | 30         | 204         |
| 2006         | 36          | 50          | 4          | 45          | 8          | 36         | 2         | 21         | 202         |
| 2007         | 39          | 53          | 1          | 55          | 1          | 27         | 3         | 19         | 198         |
| 2008         | 48          | 57          | 5          | 67          | 8          | 43         | 3         | 28         | 259         |
| 2009         | 47          | 69          | 8          | 64          | 5          | 33         | 2         | 19         | 247         |
| 2010         | 49          | 88          | 10         | 97          | 10         | 31         | 2         | 22         | 309         |
| 2011         | 67          | 77          | 8          | 107         | 6          | 35         | 4         | 33         | 337         |
| 2012         | 78          | 89          | 12         | 91          | 15         | 29         | 8         | 32         | 354         |
| <b>Total</b> | <b>1042</b> | <b>1543</b> | <b>130</b> | <b>1280</b> | <b>107</b> | <b>666</b> | <b>59</b> | <b>458</b> | <b>5285</b> |



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**Table 2.0**

## DONOR GENDER NUMBERS AND AGE GROUPS FOR EACH STATE

**2008 & 2009**

|             | GENDER               | AGE_GROUP    | QLD       | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA        | AUST       |
|-------------|----------------------|--------------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| <b>2008</b> | Male                 | 00-04        | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|             | Male                 | 04-14        | 1         | 1         | 1        | 1         | 1        | 1         | 0        | 0         | 6          |
|             | Male                 | 15-24        | 10        | 5         | 1        | 4         | 1        | 5         | 0        | 3         | 29         |
|             | Male                 | 25-34        | 4         | 3         | 0        | 5         | 2        | 5         | 0        | 1         | 20         |
|             | Male                 | 35-44        | 5         | 4         | 0        | 6         | 0        | 4         | 0        | 3         | 22         |
|             | Male                 | 45-54        | 7         | 5         | 0        | 9         | 0        | 2         | 0        | 2         | 25         |
|             | Male                 | 55-64        | 5         | 7         | 1        | 7         | 1        | 8         | 0        | 4         | 33         |
|             | Male                 | 65-74        | 0         | 7         | 0        | 3         | 0        | 3         | 0        | 1         | 14         |
|             | Male                 | 75-84        | 0         | 1         | 0        | 1         | 0        | 1         | 0        | 1         | 4          |
|             | <b>Male</b>          | <b>Total</b> | <b>32</b> | <b>34</b> | <b>3</b> | <b>36</b> | <b>5</b> | <b>29</b> | <b>0</b> | <b>15</b> | <b>154</b> |
|             | Female               | 00-04        | 0         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
|             | Female               | 04-14        | 0         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
|             | Female               | 15-24        | 2         | 3         | 0        | 2         | 1        | 0         | 0        | 0         | 8          |
|             | Female               | 25-34        | 1         | 3         | 0        | 6         | 0        | 1         | 1        | 2         | 14         |
|             | Female               | 35-44        | 5         | 6         | 1        | 9         | 1        | 2         | 0        | 1         | 25         |
|             | Female               | 45-54        | 4         | 4         | 1        | 6         | 0        | 2         | 0        | 2         | 19         |
|             | Female               | 55-64        | 3         | 4         | 0        | 6         | 0        | 4         | 1        | 6         | 24         |
|             | Female               | 65-74        | 1         | 2         | 0        | 1         | 1        | 4         | 1        | 1         | 11         |
|             | Female               | 75-84        | 0         | 1         | 0        | 1         | 0        | 1         | 0        | 1         | 4          |
|             | <b>Female</b>        | <b>Total</b> | <b>16</b> | <b>23</b> | <b>2</b> | <b>31</b> | <b>3</b> | <b>14</b> | <b>3</b> | <b>13</b> | <b>105</b> |
|             | <b>Total by Year</b> |              | <b>48</b> | <b>57</b> | <b>5</b> | <b>67</b> | <b>8</b> | <b>43</b> | <b>3</b> | <b>28</b> | <b>259</b> |
| <b>2009</b> | Male                 | 00-04        | 0         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
|             | Male                 | 04-14        | 0         | 2         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|             | Male                 | 15-24        | 7         | 7         | 1        | 6         | 3        | 2         | 1        | 1         | 28         |
|             | Male                 | 25-34        | 5         | 5         | 1        | 5         | 0        | 3         | 0        | 2         | 21         |
|             | Male                 | 35-44        | 2         | 5         | 1        | 3         | 1        | 2         | 0        | 3         | 17         |
|             | Male                 | 45-54        | 6         | 10        | 1        | 6         | 0        | 4         | 0        | 3         | 30         |
|             | Male                 | 55-64        | 4         | 6         | 0        | 9         | 1        | 3         | 0        | 3         | 26         |
|             | Male                 | 65-74        | 0         | 6         | 0        | 4         | 0        | 4         | 1        | 2         | 17         |
|             | Male                 | 75-84        | 0         | 0         | 0        | 1         | 0        | 1         | 0        | 1         | 3          |
|             | <b>Male</b>          | <b>Total</b> | <b>24</b> | <b>41</b> | <b>4</b> | <b>34</b> | <b>5</b> | <b>19</b> | <b>2</b> | <b>15</b> | <b>144</b> |
|             | Female               | 00-04        | 0         | 2         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|             | Female               | 04-14        | 2         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|             | Female               | 15-24        | 2         | 0         | 1        | 1         | 0        | 0         | 0        | 1         | 5          |
|             | Female               | 25-34        | 2         | 1         | 1        | 5         | 0        | 2         | 0        | 0         | 11         |
|             | Female               | 35-44        | 5         | 6         | 0        | 3         | 0        | 1         | 0        | 0         | 15         |
|             | Female               | 45-54        | 5         | 8         | 2        | 7         | 0        | 5         | 0        | 0         | 27         |
|             | Female               | 55-64        | 3         | 8         | 0        | 12        | 0        | 4         | 0        | 3         | 30         |
|             | Female               | 65-74        | 4         | 2         | 0        | 2         | 0        | 2         | 0        | 0         | 10         |
|             | Female               | 75-84        | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|             | <b>Female</b>        | <b>Total</b> | <b>23</b> | <b>28</b> | <b>4</b> | <b>30</b> | <b>0</b> | <b>14</b> | <b>0</b> | <b>4</b>  | <b>103</b> |
|             | <b>Total by Year</b> |              | <b>47</b> | <b>69</b> | <b>8</b> | <b>64</b> | <b>5</b> | <b>33</b> | <b>2</b> | <b>19</b> | <b>247</b> |

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**Table 2.1**

## DONOR GENDER NUMBERS AND AGE GROUPS FOR EACH STATE

**2010 & 2011**

|             | GENDER               | AGE_GROUP    | QLD       | NSW       | ACT       | VIC        | TAS       | SA        | NT       | WA        | AUST       |
|-------------|----------------------|--------------|-----------|-----------|-----------|------------|-----------|-----------|----------|-----------|------------|
| <b>2010</b> | Male                 | 00-04        | 0         | 2         | 0         | 0          | 0         | 0         | 0        | 0         | 2          |
|             | Male                 | 04-14        | 1         | 1         | 0         | 1          | 0         | 0         | 1        | 1         | 5          |
|             | Male                 | 15-24        | 4         | 5         | 0         | 7          | 1         | 1         | 0        | 1         | 19         |
|             | Male                 | 25-34        | 1         | 6         | 0         | 8          | 1         | 3         | 0        | 3         | 22         |
|             | Male                 | 35-44        | 9         | 7         | 2         | 13         | 1         | 3         | 1        | 4         | 40         |
|             | Male                 | 45-54        | 8         | 8         | 2         | 7          | 0         | 5         | 0        | 1         | 31         |
|             | Male                 | 55-64        | 5         | 9         | 1         | 15         | 2         | 0         | 0        | 3         | 35         |
|             | Male                 | 65-74        | 1         | 8         | 0         | 11         | 1         | 2         | 0        | 1         | 24         |
|             | Male                 | 75-84        | 0         | 4         | 0         | 0          | 0         | 1         | 0        | 0         | 5          |
|             | <b>Male</b>          | <b>Total</b> | <b>29</b> | <b>50</b> | <b>5</b>  | <b>62</b>  | <b>6</b>  | <b>15</b> | <b>2</b> | <b>14</b> | <b>183</b> |
|             | Female               | 00-04        | 0         | 0         | 0         | 1          | 0         | 0         | 0        | 0         | 1          |
|             | Female               | 04-14        | 0         | 0         | 0         | 0          | 0         | 1         | 0        | 0         | 1          |
|             | Female               | 15-24        | 2         | 1         | 0         | 3          | 0         | 1         | 0        | 1         | 8          |
|             | Female               | 25-34        | 2         | 2         | 2         | 5          | 1         | 2         | 0        | 0         | 14         |
|             | Female               | 35-44        | 3         | 11        | 0         | 5          | 0         | 2         | 0        | 1         | 22         |
|             | Female               | 45-54        | 5         | 12        | 1         | 6          | 0         | 4         | 0        | 1         | 29         |
|             | Female               | 55-64        | 6         | 9         | 2         | 6          | 1         | 3         | 0        | 4         | 31         |
|             | Female               | 65-74        | 2         | 3         | 0         | 7          | 2         | 2         | 0        | 1         | 17         |
|             | Female               | 75-84        | 0         | 0         | 0         | 2          | 0         | 1         | 0        | 0         | 3          |
|             | <b>Female</b>        | <b>Total</b> | <b>20</b> | <b>38</b> | <b>5</b>  | <b>35</b>  | <b>4</b>  | <b>16</b> | <b>0</b> | <b>8</b>  | <b>126</b> |
|             | <b>Total by Year</b> |              | <b>49</b> | <b>88</b> | <b>10</b> | <b>97</b>  | <b>10</b> | <b>31</b> | <b>2</b> | <b>22</b> | <b>309</b> |
| <b>2011</b> | Male                 | 00-04        | 0         | 0         | 0         | 2          | 0         | 0         | 0        | 0         | 2          |
|             | Male                 | 04-14        | 4         | 2         | 1         | 0          | 0         | 0         | 0        | 1         | 8          |
|             | Male                 | 15-24        | 5         | 3         | 1         | 5          | 1         | 2         | 0        | 2         | 19         |
|             | Male                 | 25-34        | 3         | 4         | 0         | 8          | 1         | 1         | 0        | 3         | 20         |
|             | Male                 | 35-44        | 10        | 5         | 0         | 8          | 0         | 3         | 0        | 1         | 27         |
|             | Male                 | 45-54        | 5         | 9         | 0         | 15         | 0         | 3         | 1        | 7         | 40         |
|             | Male                 | 55-64        | 8         | 13        | 1         | 12         | 2         | 6         | 0        | 3         | 45         |
|             | Male                 | 65-74        | 2         | 3         | 1         | 9          | 0         | 3         | 1        | 1         | 20         |
|             | Male                 | 75-84        | 0         | 2         | 0         | 1          | 0         | 1         | 0        | 0         | 4          |
|             | <b>Male</b>          | <b>Total</b> | <b>37</b> | <b>41</b> | <b>4</b>  | <b>60</b>  | <b>4</b>  | <b>19</b> | <b>2</b> | <b>18</b> | <b>185</b> |
|             | Female               | 00-04        | 0         | 1         | 0         | 0          | 0         | 0         | 0        | 0         | 1          |
|             | Female               | 04-14        | 1         | 1         | 0         | 0          | 0         | 0         | 0        | 0         | 2          |
|             | Female               | 15-24        | 2         | 6         | 1         | 2          | 0         | 2         | 1        | 2         | 16         |
|             | Female               | 25-34        | 2         | 3         | 0         | 10         | 1         | 0         | 0        | 1         | 17         |
|             | Female               | 35-44        | 5         | 3         | 0         | 3          | 0         | 2         | 0        | 3         | 16         |
|             | Female               | 45-54        | 8         | 4         | 1         | 11         | 1         | 4         | 0        | 4         | 33         |
|             | Female               | 55-64        | 9         | 12        | 0         | 9          | 0         | 2         | 1        | 4         | 37         |
|             | Female               | 65-74        | 2         | 4         | 2         | 10         | 0         | 6         | 0        | 1         | 25         |
|             | Female               | 75-84        | 1         | 2         | 0         | 2          | 0         | 0         | 0        | 0         | 5          |
|             | <b>Female</b>        | <b>Total</b> | <b>30</b> | <b>36</b> | <b>4</b>  | <b>47</b>  | <b>2</b>  | <b>16</b> | <b>2</b> | <b>15</b> | <b>152</b> |
|             | <b>Total by Year</b> |              | <b>67</b> | <b>77</b> | <b>8</b>  | <b>107</b> | <b>6</b>  | <b>35</b> | <b>4</b> | <b>33</b> | <b>337</b> |



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**Table 2.2**

## DONOR GENDER NUMBERS AND AGE GROUPS FOR EACH STATE

**2012**

|             | GENDER               | AGE_GROUP    | QLD       | NSW       | ACT       | VIC       | TAS       | SA        | NT       | WA        | AUST       |
|-------------|----------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|------------|
| <b>2012</b> | Male                 | 00-04        | 0         | 1         | 0         | 1         | 0         | 0         | 0        | 1         | 3          |
|             | Male                 | 04-14        | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 0         | 1          |
|             | Male                 | 15-24        | 8         | 10        | 1         | 6         | 1         | 5         | 0        | 1         | 32         |
|             | Male                 | 25-34        | 6         | 2         | 0         | 3         | 0         | 3         | 1        | 4         | 19         |
|             | Male                 | 35-44        | 4         | 4         | 0         | 9         | 0         | 2         | 0        | 4         | 23         |
|             | Male                 | 45-54        | 13        | 12        | 2         | 12        | 3         | 1         | 3        | 3         | 49         |
|             | Male                 | 55-64        | 8         | 13        | 2         | 13        | 0         | 4         | 1        | 4         | 45         |
|             | Male                 | 65-74        | 1         | 7         | 2         | 11        | 1         | 1         | 0        | 1         | 24         |
|             | Male                 | 75-84        | 0         | 0         | 1         | 2         | 1         | 0         | 0        | 1         | 5          |
|             | <b>Male</b>          | <b>Total</b> | <b>40</b> | <b>49</b> | <b>8</b>  | <b>58</b> | <b>6</b>  | <b>16</b> | <b>5</b> | <b>19</b> | <b>201</b> |
|             | Female               | 00-04        | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 0         | 0          |
|             | Female               | 04-14        | 1         | 1         | 0         | 3         | 1         | 0         | 0        | 1         | 7          |
|             | Female               | 15-24        | 7         | 3         | 0         | 1         | 2         | 1         | 1        | 2         | 17         |
|             | Female               | 25-34        | 5         | 4         | 0         | 2         | 0         | 1         | 1        | 0         | 13         |
|             | Female               | 35-44        | 10        | 5         | 0         | 7         | 0         | 2         | 1        | 3         | 28         |
|             | Female               | 45-54        | 4         | 8         | 1         | 4         | 3         | 4         | 0        | 2         | 26         |
|             | Female               | 55-64        | 7         | 10        | 1         | 9         | 2         | 3         | 0        | 3         | 35         |
|             | Female               | 65-74        | 4         | 8         | 2         | 5         | 1         | 1         | 0        | 1         | 22         |
|             | Female               | 75-84        | 0         | 1         | 0         | 2         | 0         | 1         | 0        | 1         | 5          |
|             | <b>Female</b>        | <b>Total</b> | <b>38</b> | <b>40</b> | <b>4</b>  | <b>33</b> | <b>9</b>  | <b>13</b> | <b>3</b> | <b>13</b> | <b>153</b> |
|             | <b>Total by Year</b> |              | <b>78</b> | <b>89</b> | <b>12</b> | <b>91</b> | <b>15</b> | <b>29</b> | <b>8</b> | <b>32</b> | <b>354</b> |

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**Table 3.0**

## NUMBER OF DONORS FROM EACH HOSPITAL NSW 1989 - 2012

| DONOR HOSPITAL               | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |
|------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| ALBURY HOSPITAL              | 1  | 1  | 2  | 1  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 1  | 12    |
| ARMIDALE HOSPITAL            | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| BANKSTOWN HOSPITAL           | 0  | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 0  | 9     |
| BATHURST BASE HOSPITAL       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 1  | 0  | 4     |
| BLACKTOWN HOSPITAL           | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 8     |
| CAMPBELLTOWN HOSPITAL        | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 0  | 1  | 0  | 1  | 2  | 0  | 1  | 0  | 9     |
| COFFS HARBOUR HOSPITAL       | 0  | 0  | 0  | 1  | 3  | 4  | 0  | 3  | 0  | 3  | 0  | 1  | 0  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 4  | 4  | 2  | 1  | 30    |
| CONCORD HOSPITAL             | 1  | 2  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 4  | 0  | 0  | 2  | 1  | 0  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 15    |
| DALCROSS PRIVATE HOSPITAL    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |
| DUBBO BASE HOSPITAL          | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 2  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 6     |
| GOSFORD HOSPITAL             | 2  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 2  | 1  | 1  | 1  | 22    |
| GOULBURN HOSPITAL            | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4     |
| GRIFFITH BASE HOSPITAL       | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 4     |
| HASTINGS DISTRICT HOSPITAL   | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |
| HORNSBY HOSPITAL             | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 2  | 0  | 1  | 2  | 1  | 0  | 1  | 0  | 0  | 12    |
| JOHN HUNTER HOSPITAL         | 8  | 5  | 9  | 11 | 14 | 5  | 10 | 7  | 9  | 5  | 2  | 7  | 4  | 5  | 7  | 5  | 6  | 8  | 11 | 8  | 12 | 18 | 10 | 15 | 201   |
| KAREENA PRIVATE HOSPITAL     | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| KEMPSEY HOSPITAL             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| LISMORE HOSPITAL             | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 2  | 0  | 0  | 0  | 2  | 1  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 15    |
| LIVERPOOL HOSPITAL           | 1  | 3  | 1  | 4  | 3  | 4  | 3  | 5  | 6  | 5  | 1  | 3  | 2  | 5  | 1  | 9  | 4  | 0  | 2  | 5  | 5  | 6  | 4  | 4  | 86    |
| MACQUARIE UNIVERSITY PRIVATE | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1     |
| MANLY HOSPITAL               | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 9     |
| MATER HOSPITAL               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 3     |
| MONA VALE HOSPITAL           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| MOUNT DRUITT HOSPITAL        | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |
| NEPEAN HOSPITAL              | 1  | 2  | 2  | 2  | 1  | 3  | 4  | 8  | 4  | 4  | 1  | 1  | 3  | 2  | 4  | 8  | 3  | 7  | 5  | 6  | 2  | 5  | 9  | 5  | 92    |
| NEWCASTLE MATER HOSPITAL     | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| NORWEST PRIVATE HOSPITAL     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1     |
| ORANGE HOSPITAL              | 0  | 1  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 5     |
| PORT MACQUARIE HOSPITAL      | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 7     |
| PRINCE HENRY HOSPITAL        | 8  | 3  | 1  | 1  | 1  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 16    |
| PRINCE OF WALES HOSPITAL     | 4  | 3  | 3  | 2  | 1  | 3  | 0  | 1  | 4  | 5  | 3  | 4  | 0  | 6  | 6  | 6  | 1  | 3  | 0  | 0  | 5  | 1  | 5  | 2  | 68    |
| PRIVATE HOSPITAL             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 2     |
| PT MACQUARIE PRIVATE         | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1     |
| ROYAL NORTH SHORE HOSPITAL   | 8  | 12 | 9  | 9  | 6  | 8  | 12 | 8  | 11 | 7  | 6  | 10 | 8  | 5  | 5  | 4  | 4  | 2  | 6  | 7  | 7  | 6  | 10 | 14 | 184   |
| ROYAL NORTH SHORE PRIVATE    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| ROYAL PRINCE ALFRED HOSPITAL | 6  | 7  | 8  | 5  | 3  | 4  | 3  | 6  | 6  | 5  | 5  | 2  | 3  | 4  | 6  | 4  | 4  | 4  | 7  | 4  | 4  | 8  | 5  | 6  | 119   |
| RYDE HOSPITAL                | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2     |
| SHOALHAVEN HOSPITAL          | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 4     |
| ST GEORGE HOSPITAL           | 0  | 2  | 4  | 3  | 2  | 2  | 2  | 4  | 4  | 4  | 3  | 5  | 4  | 5  | 1  | 3  | 5  | 3  | 3  | 5  | 7  | 10 | 6  | 6  | 93    |
| ST GEORGE PRIVATE HOSPITAL   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |
| ST VINCENTS HOSPITAL         | 4  | 2  | 4  | 4  | 5  | 2  | 4  | 3  | 0  | 4  | 6  | 4  | 0  | 1  | 3  | 3  | 0  | 2  | 3  | 1  | 2  | 5  | 4  | 6  | 72    |
| ST VINCENTS PRIVATE HOSPITAL | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 2  | 1  | 0  | 6     |
| SUTHERLAND HOSPITAL          | 1  | 0  | 2  | 1  | 0  | 2  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 0  | 1  | 11    |
| SYDNEY CHILDRENS HOSPITAL    | 1  | 0  | 0  | 0  | 2  | 1  | 0  | 1  | 2  | 1  | 1  | 1  | 2  | 1  | 1  | 1  | 2  | 2  | 1  | 2  | 0  | 0  | 1  | 0  | 23    |



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**Table 3.0 Cont.**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>NSW 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |  |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|--|
| DONOR HOSPITAL   | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |  |
| TAMWORTH HOSPITAL                                      | 2  | 0  | 0  | 2  | 1  | 0  | 0  | 1  | 2  | 0  | 1  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 0  |    | 14    |  |  |
| TAREE HOSPITAL   | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 2  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 8     |  |  |
| THE CHILDRENS HOSPITAL<br>WESTMEAD                     | 0  | 2  | 1  | 1  | 6  | 1  | 1  | 1  | 2  | 1  | 3  | 0  | 3  | 2  | 0  | 0  | 1  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 38    |  |  |
| THE TWEED HOSPITAL                                     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 3  | 4  | 10    |  |  |
| WAGGA HOSPITAL   | 0  | 1  | 3  | 0  | 2  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 1  | 0  | 12    |  |  |
| WESTMEAD HOSPITAL                                      | 27 | 21 | 10 | 14 | 10 | 15 | 7  | 3  | 7  | 7  | 8  | 7  | 1  | 4  | 6  | 4  | 14 | 4  | 2  | 10 | 6  | 10 | 2  | 10 | 209   |  |  |
| WOLLONGONG HOSPITAL                                    | 8  | 3  | 4  | 3  | 2  | 8  | 7  | 5  | 4  | 0  | 1  | 0  | 2  | 2  | 1  | 4  | 1  | 5  | 2  | 2  | 3  | 4  | 2  | 5  | 78    |  |  |
| WYONG HOSPITAL   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 2     |  |  |
| TOTAL  | 86 | 74 | 72 | 70 | 68 | 71 | 60 | 63 | 65 | 63 | 48 | 55 | 47 | 55 | 46 | 63 | 54 | 50 | 53 | 57 | 69 | 88 | 77 | 89 | 1543  |  |  |

**Table 3.1**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>ACT 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|
| DONOR HOSPITAL   | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |
| CALVARY HOSPITAL                                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 3     |  |
| CANBERRA HOSPITAL                                      | 3  | 5  | 4  | 0  | 6  | 2  | 7  | 6  | 4  | 2  | 2  | 5  | 7  | 5  | 8  | 6  | 9  | 4  | 1  | 5  | 8  | 10 | 7  | 11 | 127   |  |
| Total  | 3  | 5  | 4  | 0  | 6  | 2  | 7  | 6  | 4  | 2  | 2  | 5  | 7  | 6  | 8  | 6  | 9  | 4  | 1  | 5  | 8  | 10 | 8  | 12 | 130   |  |

**Table 3.2**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>NT 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|
| DONOR HOSPITAL  | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |
| ALICE SPRINGS HOSPITAL                                | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 1  | 2  | 0  | 0  | 0  | 1  | 1  | 2  | 0  | 0  | 0  | 0  | 1  | 1  | 13    |  |
| ROYAL DARWIN HOSPITAL                                 | 2  | 1  | 2  | 0  | 3  | 0  | 0  | 2  | 4  | 2  | 2  | 0  | 2  | 2  | 1  | 0  | 3  | 0  | 3  | 3  | 2  | 2  | 3  | 7  | 46    |  |
| TOTAL   | 2  | 1  | 2  | 0  | 3  | 1  | 1  | 3  | 4  | 3  | 3  | 2  | 2  | 2  | 1  | 1  | 4  | 2  | 3  | 3  | 2  | 2  | 4  | 8  | 59    |  |



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**Table 3.3**

## NUMBER OF DONORS FROM EACH HOSPITAL QLD 1989 - 2012

| DONOR HOSPITAL                      | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL       |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| ALLAMANDA PRIVATE HOSPITAL          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 2           |
| BUNDABERG HOSPITAL                  | 1         | 0         | 2         | 1         | 0         | 0         | 1         | 0         | 2         | 0         | 2         | 1         | 1         | 1         | 1         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 2         | 1         | 18          |
| CAIRNS HOSPITAL                     | 2         | 2         | 1         | 3         | 2         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 2         | 3         | 0         | 0         | 2         | 1         | 3         | 2         | 2         | 5         | 4         | 36          |
| GLADSTONE HOSPITAL                  | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3           |
| GOLDCOAST HOSPITAL                  | 4         | 1         | 5         | 7         | 2         | 1         | 1         | 3         | 8         | 2         | 2         | 3         | 6         | 4         | 7         | 8         | 5         | 1         | 3         | 8         | 6         | 10        | 15        | 16        | 128         |
| GREENSLOPES HOSPITAL                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2           |
| HERVEY BAY HOSPITAL                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 3         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 2         | 10          |
| HOLY SPIRIT HOSPITAL                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 2           |
| IPSWICH HOSPITAL                    | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 1         | 2         | 13          |
| JOHN FLYNN HOSPITAL                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 3           |
| LOGAN HOSPITAL                      | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 5         | 1         | 2         | 1         | 0         | 0         | 2         | 14          |
| MACKAY HOSPITAL                     | 1         | 1         | 1         | 0         | 0         | 3         | 4         | 4         | 1         | 0         | 0         | 1         | 2         | 0         | 2         | 4         | 1         | 0         | 1         | 1         | 0         | 3         | 0         | 2         | 32          |
| MARYBOROUGH HOSPITAL                | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 4           |
| MATER CHILDRENS HOSPITAL            | 2         | 3         | 1         | 7         | 2         | 4         | 3         | 2         | 0         | 1         | 0         | 1         | 0         | 2         | 1         | 1         | 2         | 0         | 1         | 1         | 1         | 2         | 2         | 0         | 39          |
| MATER HOSPITAL                      | 0         | 0         | 0         | 1         | 1         | 1         | 1         | 1         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 2         | 0         | 1         | 0         | 0         | 2         | 14          |
| MATER PRIVATE HOSPITAL              | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 4           |
| MATER PRIVATE ROCKHAMPTON           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1           |
| MATER TOWNSVILLE                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1           |
| MT ISA HOSPITAL                     | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 4           |
| NAMBOUR HOSPITAL                    | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 2         | 1         | 1         | 1         | 1         | 0         | 3         | 1         | 2         | 2         | 3         | 24          |
| PRINCE CHARLES HOSPITAL             | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 2         | 1         | 0         | 2         | 2         | 12          |
| PRINCESS ALEXANDRA HOSPITAL         | 9         | 11        | 14        | 15        | 14        | 5         | 7         | 7         | 4         | 9         | 7         | 2         | 9         | 6         | 4         | 9         | 10        | 6         | 9         | 10        | 10        | 12        | 13        | 16        | 218         |
| QUEEN ELIZABETH HOSPITAL            | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 5           |
| QUEENSLAND ROYAL CHILDRENS HOSPITAL | 1         | 2         | 1         | 3         | 0         | 1         | 1         | 1         | 1         | 2         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 1         | 1         | 19          |
| REDCLIFFE HOSPITAL                  | 0         | 1         | 3         | 1         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 2         | 2         | 0         | 0         | 1         | 0         | 2         | 1         | 0         | 0         | 1         | 0         | 2         | 19          |
| ROCKHAMPTON HOSPITAL                | 1         | 0         | 2         | 2         | 1         | 2         | 1         | 2         | 2         | 0         | 2         | 3         | 2         | 4         | 1         | 1         | 1         | 0         | 1         | 2         | 0         | 1         | 1         | 3         | 35          |
| ROYAL BRISBANE HOSPITAL             | 7         | 10        | 10        | 14        | 5         | 11        | 5         | 8         | 9         | 12        | 1         | 14        | 9         | 11        | 10        | 7         | 5         | 7         | 5         | 8         | 15        | 9         | 9         | 14        | 215         |
| SELANGOR HOSPITAL                   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1           |
| ST ANDREWS PRIVATE HOSPITAL         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 3           |
| TOOWOOMBA HOSPITAL                  | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 1         | 2         | 1         | 1         | 2         | 0         | 0         | 2         | 0         | 0         | 1         | 2         | 1         | 17          |
| TOWNSVILLE HOSPITAL                 | 7         | 5         | 5         | 7         | 12        | 8         | 7         | 3         | 5         | 4         | 2         | 6         | 5         | 8         | 6         | 1         | 5         | 8         | 7         | 6         | 4         | 5         | 8         | 4         | 138         |
| WESLEY HOSPITAL                     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 6           |
| <b>TOTAL</b>                        | <b>37</b> | <b>38</b> | <b>46</b> | <b>66</b> | <b>44</b> | <b>38</b> | <b>34</b> | <b>35</b> | <b>37</b> | <b>40</b> | <b>20</b> | <b>37</b> | <b>48</b> | <b>44</b> | <b>40</b> | <b>39</b> | <b>35</b> | <b>36</b> | <b>39</b> | <b>48</b> | <b>47</b> | <b>49</b> | <b>67</b> | <b>78</b> | <b>1042</b> |



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**Table 3.4**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>SA 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |  |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|--|
| DONOR HOSPITAL  | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |  |
| ASHFORD HOSPITAL                                      | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 2  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4     |  |  |
| CALVARY PRIVATE HOSPITAL                              | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |  |  |
| FLINDERS MEDICAL CENTRE                               | 5  | 6  | 3  | 6  | 6  | 7  | 9  | 6  | 10 | 12 | 8  | 7  | 7  | 9  | 9  | 18 | 3  | 15 | 8  | 11 | 11 | 4  | 7  | 9  | 196   |  |  |
| MEMORIAL HOSPITAL                                     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 2     |  |  |
| MODBURY HOSPITAL                                      | 0  | 2  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3     |  |  |
| QUEEN ELIZABETH HOSPITAL                              | 2  | 3  | 0  | 4  | 3  | 4  | 2  | 2  | 3  | 5  | 3  | 4  | 1  | 1  | 2  | 4  | 0  | 2  | 4  | 3  | 2  | 1  | 2  | 2  | 59    |  |  |
| ROYAL ADELAIDE HOSPITAL                               | 9  | 14 | 10 | 9  | 9  | 10 | 10 | 14 | 9  | 13 | 16 | 14 | 15 | 19 | 9  | 16 | 16 | 17 | 14 | 25 | 13 | 23 | 21 | 10 | 335   |  |  |
| WAKEFIELD HOSPITAL                                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 2     |  |  |
| WOMENS AND CHILDRENS                                  | 3  | 2  | 2  | 1  | 0  | 2  | 1  | 3  | 1  | 3  | 3  | 5  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 1  | 36    |  |  |
| LYELL MC EWIN HOSPITAL                                | 0  | 0  | 0  | 0  | 3  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 3  | 6  | 1  | 4  | 7  | 28    |  |  |
| TOTAL   | 19 | 27 | 15 | 20 | 23 | 23 | 23 | 25 | 25 | 35 | 30 | 30 | 25 | 31 | 22 | 39 | 20 | 36 | 27 | 43 | 33 | 31 | 35 | 29 | 666   |  |  |

**Table 3.5**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>TAS 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|
| DONOR HOSPITAL   | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |
| BURNIE HOSPITAL  | 0  | 0  | 0  | 2  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 2  | 1  | 3  | 10    |  |
| CALVARY HOSPITAL                                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1     |  |
| LAUNCESTON HOSPITAL                                    | 0  | 1  | 0  | 0  | 3  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 2  | 0  | 0  | 1  | 1  | 0  | 2  | 1  | 4  | 1  | 0  | 19    |  |
| MERSEY HOSPITAL  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3     |  |
| ROYAL HOBART HOSPITAL                                  | 2  | 1  | 2  | 2  | 3  | 4  | 4  | 0  | 4  | 0  | 5  | 0  | 2  | 4  | 2  | 1  | 1  | 7  | 1  | 5  | 4  | 4  | 4  | 12 | 74    |  |
| TOTAL  | 2  | 2  | 2  | 4  | 6  | 6  | 4  | 1  | 5  | 0  | 6  | 1  | 3  | 6  | 2  | 2  | 2  | 8  | 1  | 8  | 5  | 10 | 6  | 15 | 107   |  |

**Table 3.6**

| NUMBER OF DONORS FROM EACH HOSPITAL<br>WA 1989 - 2012 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |  |  |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--|--|
| DONOR HOSPITAL  | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL |  |  |
| FREMANTLE HOSPITAL                                    | 0  | 0  | 0  | 1  | 1  | 0  | 2  | 0  | 0  | 1  | 0  | 0  | 0  | 1  | 1  | 2  | 2  | 1  | 0  | 3  | 3  | 1  | 2  | 4  | 25    |  |  |
| PRINCESS MARGARET HOSPITAL                            | 5  | 1  | 5  | 1  | 0  | 0  | 2  | 1  | 1  | 1  | 2  | 3  | 1  | 3  | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 2  | 33    |  |  |
| ROYAL PERTH HOSPITAL                                  | 5  | 4  | 9  | 5  | 9  | 9  | 7  | 8  | 4  | 7  | 9  | 11 | 10 | 7  | 13 | 13 | 15 | 14 | 14 | 11 | 10 | 12 | 17 | 16 | 239   |  |  |
| SIR CHARLES GAIRDNER HOSPITAL                         | 7  | 6  | 9  | 7  | 9  | 7  | 6  | 3  | 3  | 4  | 2  | 8  | 2  | 4  | 3  | 8  | 12 | 5  | 5  | 13 | 6  | 8  | 13 | 10 | 160   |  |  |
| THE MOUNT HOSPITAL                                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1     |  |  |
| TOTAL   | 17 | 11 | 23 | 14 | 19 | 16 | 17 | 12 | 8  | 13 | 13 | 22 | 13 | 15 | 18 | 23 | 30 | 21 | 19 | 28 | 19 | 22 | 33 | 32 | 458   |  |  |

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**Table 3.7**

## NUMBER OF DONORS FROM EACH HOSPITAL VIC 1989 - 2012

| DONOR HOSPITAL                    | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11         | 12        | TOTAL       |
|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-------------|
| ALFRED HOSPITAL                   | 7         | 8         | 10        | 13        | 16        | 6         | 12        | 16        | 14        | 14        | 6         | 15        | 10        | 14        | 8         | 10        | 9         | 7         | 17        | 14        | 19        | 23        | 20         | 17        | 305         |
| AUSTIN HOSPITAL                   | 1         | 2         | 2         | 1         | 3         | 5         | 3         | 2         | 5         | 9         | 5         | 6         | 6         | 8         | 4         | 3         | 7         | 5         | 10        | 11        | 15        | 23        | 25         | 9         | 170         |
| BALLARAT HOSPITAL                 | 1         | 0         | 2         | 1         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 0         | 2         | 1          | 1         | 14          |
| BENDIGO HOSPITAL                  | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 2         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 2         | 3          | 0         | 14          |
| BOX HILL HOSPITAL                 | 2         | 5         | 1         | 0         | 3         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 2         | 3         | 2         | 2         | 1         | 3         | 1         | 2         | 0          | 3         | 33          |
| CABRINI HOSPITAL                  | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          | 0         | 2           |
| CENTRAL GIPPSLAND HOSPITAL        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 1           |
| DANDENONG HOSPITAL                | 0         | 5         | 2         | 0         | 1         | 2         | 2         | 0         | 2         | 2         | 3         | 1         | 1         | 1         | 3         | 3         | 3         | 7         | 1         | 3         | 1         | 0         | 3          | 4         | 50          |
| DIAMOND VALLEY HOSPITAL           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 2           |
| EPWORTH HOSPITAL                  | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 3         | 1         | 1         | 1         | 1         | 2         | 1         | 1         | 1         | 0         | 0          | 0         | 15          |
| FRANKSTON HOSPITAL                | 1         | 1         | 0         | 0         | 2         | 1         | 0         | 0         | 2         | 0         | 1         | 1         | 1         | 0         | 1         | 0         | 1         | 0         | 1         | 3         | 3         | 2         | 1          | 5         | 27          |
| GEELONG HOSPITAL                  | 2         | 2         | 5         | 6         | 1         | 1         | 2         | 3         | 0         | 0         | 5         | 0         | 0         | 0         | 1         | 0         | 1         | 2         | 2         | 1         | 2         | 2         | 1          | 2         | 41          |
| GEELONG PRIVATE HOSPITAL          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 1           |
| GOULBURN VALLEY HOSPITAL          | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 2          | 2         | 12          |
| HAMILTON HOSPITAL                 | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 1           |
| HEIDELBERG HOSPITAL               | 2         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 5           |
| HORSHAM HOSPITAL                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 1         | 1           |
| KNOX PRIVATE HOSPITAL             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1          | 0         | 8           |
| LATROBE HOSPITAL - TRARALGON      | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 1         | 0         | 1          | 0         | 7           |
| LATROBE REGIONAL SATELLITE CENTRE | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 1         | 1           |
| MAROONDAH HOSPITAL                | 0         | 0         | 0         | 0         | 4         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 1         | 1         | 0          | 1         | 10          |
| MELBOURNE PRIVATE HOSPITAL        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 2         | 1         | 2         | 0         | 0         | 1         | 1         | 0         | 0         | 2         | 0          | 0         | 12          |
| MILDURA HOSPITAL                  | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1          | 0         | 6           |
| MONASH MEDICAL (ADULTS)           | 10        | 1         | 0         | 3         | 2         | 0         | 2         | 9         | 2         | 4         | 5         | 7         | 2         | 4         | 5         | 9         | 1         | 3         | 3         | 3         | 2         | 9         | 17         | 12        | 115         |
| MONASH MEDICAL (PAEDIATRIC)       | 3         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0          | 0         | 7           |
| NORTHERN HOSPITAL                 | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1          | 2         | 7           |
| PRESTON AND NORTHCOTE HOSPITAL    | 2         | 1         | 0         | 1         | 1         | 0         | 3         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 10          |
| ROYAL CHILDRENS HOSPITAL          | 12        | 2         | 3         | 1         | 4         | 1         | 3         | 1         | 0         | 3         | 6         | 1         | 3         | 5         | 3         | 1         | 6         | 2         | 1         | 1         | 0         | 1         | 1          | 6         | 67          |
| ROYAL MELBOURNE HOSPITAL          | 10        | 15        | 8         | 7         | 6         | 4         | 3         | 3         | 3         | 1         | 4         | 4         | 2         | 6         | 1         | 4         | 8         | 6         | 10        | 16        | 8         | 17        | 14         | 15        | 175         |
| SALE HOSPITAL                     | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0          | 0         | 6           |
| ST VINCENTS HOSPITAL              | 6         | 3         | 8         | 0         | 1         | 4         | 2         | 3         | 2         | 2         | 2         | 4         | 3         | 6         | 7         | 2         | 5         | 3         | 3         | 6         | 1         | 7         | 5          | 3         | 88          |
| ST VINCENTS PRIVATE HOSPITAL      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 0          | 0         | 5           |
| VALLEY PRIVATE                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          | 0         | 1           |
| WANGARATTA HOSPITAL               | 1         | 0         | 2         | 3         | 2         | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 1          | 2         | 18          |
| WARNAMBOOL HOSPITAL               | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 3           |
| WARRINGAL PRIVATE HOSPITAL        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0          | 0         | 3           |
| WESTERN HOSPITAL                  | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 2         | 2         | 1         | 1         | 0         | 1         | 1         | 1         | 3         | 2         | 1         | 1         | 1         | 1         | 3         | 7          | 5         | 35          |
| WIMMERA BASE HOSPITAL (HORSHAM)   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0          | 0         | 1           |
| WODONGA HOSPITAL                  | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 1           |
| <b>TOTAL</b>                      | <b>65</b> | <b>45</b> | <b>45</b> | <b>42</b> | <b>52</b> | <b>26</b> | <b>38</b> | <b>49</b> | <b>42</b> | <b>40</b> | <b>42</b> | <b>44</b> | <b>40</b> | <b>47</b> | <b>42</b> | <b>45</b> | <b>50</b> | <b>45</b> | <b>55</b> | <b>67</b> | <b>64</b> | <b>97</b> | <b>107</b> | <b>91</b> | <b>1280</b> |



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**Table 3.8**

## NUMBER OF DONORS FROM EACH HOSPITAL NZ 1989 - 2012

| DONOR HOSPITAL              | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| AUCKLAND HOSPITAL           | 9         | 18        | 6         | 9         | 7         | 5         | 9         | 8         | 13        | 14        | 12        | 9         | 7         | 12        | 8         | 5         | 6         | 4         | 9         | 8         | 12        | 8         | 7         | 6         | 211        |
| BLENHEIM HOSPITAL           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 4          |
| CHRISTCHURCH HOSPITAL       | 0         | 0         | 1         | 6         | 5         | 6         | 1         | 4         | 6         | 6         | 4         | 4         | 4         | 1         | 5         | 4         | 3         | 3         | 9         | 4         | 4         | 3         | 5         | 7         | 95         |
| DUNEDIN HOSPITAL            | 0         | 0         | 1         | 3         | 4         | 2         | 5         | 4         | 1         | 2         | 4         | 5         | 4         | 0         | 5         | 6         | 3         | 2         | 2         | 3         | 7         | 4         | 4         | 3         | 74         |
| GISBORNE HOSPITAL           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 4          |
| GREENLANE HOSPITAL          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          |
| GREYMOUTH HOSPITAL          | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 3          |
| HASTINGS HOSPITAL           | 0         | 2         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 5          |
| HAWKES BAY HOSPITAL         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 4         | 3         | 3         | 1         | 3         | 2         | 2         | 2         | 3         | 1         | 3         | 1         | 2         | 3         | 35         |
| INVERCARGILL HOSPITAL       | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 1         | 0         | 1         | 0         | 1         | 1         | 4         | 1         | 1         | 0         | 2         | 0         | 0         | 2         | 0         | 1         | 18         |
| LOWER HUTT HOSPITAL         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 7          |
| MIDDLEMORE HOSPITAL         | 0         | 3         | 1         | 1         | 3         | 0         | 2         | 2         | 5         | 4         | 0         | 1         | 0         | 3         | 1         | 2         | 1         | 3         | 1         | 1         | 1         | 2         | 3         | 4         | 44         |
| NAPIER HOSPITAL             | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
| NELSON HOSPITAL             | 1         | 0         | 1         | 0         | 1         | 2         | 2         | 0         | 2         | 3         | 1         | 1         | 3         | 1         | 0         | 1         | 0         | 0         | 6         | 1         | 1         | 1         | 1         | 1         | 30         |
| NORTHSHORE HOSPITAL         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 4         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 10         |
| PALMERSTON HOSPITAL         | 2         | 1         | 0         | 0         | 2         | 2         | 5         | 5         | 1         | 2         | 1         | 2         | 2         | 2         | 1         | 0         | 2         | 1         | 0         | 1         | 0         | 0         | 1         | 2         | 35         |
| ROTORUA HOSPITAL            | 0         | 0         | 1         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 0         | 2         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 0         | 17         |
| STARSHIP CHILDRENS HOSPITAL | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 0         | 8          |
| TARANAKI HOSPITAL           | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 3         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 10         |
| TAURANGA HOSPITAL           | 0         | 0         | 0         | 1         | 3         | 0         | 1         | 1         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 3         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 15         |
| TIMARU HOSPITAL             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 1         | 0         | 1         | 2         | 13         |
| WAIKATO HOSPITAL HAMILTON   | 0         | 1         | 6         | 5         | 2         | 7         | 4         | 5         | 1         | 2         | 2         | 2         | 2         | 6         | 6         | 3         | 1         | 1         | 1         | 5         | 2         | 11        | 5         | 0         | 80         |
| WANGANUI HOSPITAL           | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 5          |
| WELLINGTON HOSPITAL         | 1         | 3         | 1         | 8         | 3         | 7         | 4         | 4         | 4         | 3         | 7         | 8         | 7         | 5         | 2         | 9         | 5         | 3         | 2         | 3         | 4         | 5         | 4         | 6         | 108        |
| WHAKATANE HOSPITAL          | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
| WHANGAREI HOSPITAL          | 0         | 1         | 0         | 1         | 0         | 1         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 1         | 2         | 1         | 13         |
| <b>TOTAL</b>                | <b>15</b> | <b>30</b> | <b>20</b> | <b>38</b> | <b>34</b> | <b>35</b> | <b>35</b> | <b>36</b> | <b>42</b> | <b>46</b> | <b>39</b> | <b>41</b> | <b>37</b> | <b>38</b> | <b>40</b> | <b>40</b> | <b>29</b> | <b>25</b> | <b>38</b> | <b>31</b> | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> | <b>849</b> |

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**Table 4.0**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA  
1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH   | OTHER CAUSE OF DEATH                   | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
|------------------|--|-----|-----|-----|-----|-----|----|----|----|------|
| ASTHMA           |  | 14  | 24  | 2   | 27  | 2   | 19 | 0  | 2  | 90   |
| CEREBRAL INFARCT | AIR EMBOLUS-SCUBA DIVING               | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL INFARCT | CENTRAL VEIN THROMBOSIS                | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL INFARCT | SAGITTAL SINUS THROMBOSIS              | 0   | 0   | 0   | 1   | 0   | 1  | 0  | 0  | 2    |
| CEREBRAL INFARCT | SAGITTAL VENOUS THROMBOSIS             | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL INFARCT | VENOUS SINUS THROMBOSIS                | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL INFARCT |  | 29  | 74  | 3   | 69  | 6   | 24 | 3  | 27 | 235  |
| CEREBRAL OEDEMA  | ?ANEURYSM                              | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | ?FAT EMBOLISM                          | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | ALCOHOLIC CIRRHOSIS                    | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | BRAIN ABSCESS                          | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | CARDIAC ARREST                         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | CEREBRAL VASCULITIS                    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | DIABETIC KETOACIDOSIS                  | 4   | 2   | 0   | 0   | 0   | 0  | 0  | 0  | 6    |
| CEREBRAL OEDEMA  | DRUG OVERDOSE                          | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | ENCEPHALITIS (MENINGOCOCCAL)           | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | EXCISION VENOUS ANGIOMA                | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | FAILED CAROTID ENDARTERECTOMY          | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | FEVER-DEHYDRATION                      | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | FOOTBALL INJURY                        | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | HAEMOLYTIC URAEMIC SYNDROME            | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | HAEMORRHAGE ARACHNOID CYST             | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL OEDEMA  | HYDROCEPHALUS                          | 1   | 1   | 0   | 2   | 0   | 0  | 0  | 3  | 7    |
| CEREBRAL OEDEMA  | HYPERAMONAEMIA                         | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | HYPOGLYCAEMIA                          | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | HYPONATRAEMIA                          | 0   | 1   | 0   | 1   | 0   | 1  | 0  | 0  | 3    |
| CEREBRAL OEDEMA  | LEUKOENCEPHALOPATHY                    | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | MENINGIOMA (BENIGN)                    | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | MENINGITIS (CRYPTOCOCCAL)              | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | MENINGITIS (MENINGOCOCCAL)             | 0   | 0   | 0   | 1   | 0   | 1  | 0  | 0  | 2    |
| CEREBRAL OEDEMA  | MENINGITIS (PNEUMOCOCCAL)              | 0   | 2   | 0   | 0   | 0   | 1  | 0  | 0  | 3    |
| CEREBRAL OEDEMA  | MENINGITIS (STREPTOCOCCUS)             | 0   | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | METHANOL POISONING                     | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | MOTOR VEHICLE ACCIDENT                 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL OEDEMA  | POST CARDIAC ARREST-TRAUMATIC ASPHYXIA | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | POST CRANIOPLASTY                      | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 2    |
| CEREBRAL OEDEMA  | POST ECSTASY                           | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | POST EPILEPTIC SEIZURE                 | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | POST INFARCT                           | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | POST NEUROSURGERY                      | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | POST OPERATIVE                         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | SECONDARY TO CARDIAC ARREST            | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | SEIZURE-CARDIAC ARREST                 | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL OEDEMA  | SEPSIS                                 | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL OEDEMA  | UNKNOWN CAUSE                          | 1   | 4   | 0   | 1   | 0   | 1  | 0  | 0  | 7    |
| CEREBRAL OEDEMA  | VP SHUNT                               | 0   | 1   | 0   | 2   | 0   | 0  | 0  | 0  | 3    |



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**Table 4.0 Cont.**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA  
1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH  | OTHER CAUSE OF DEATH             | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
|-----------------|----------------------------------|-----|-----|-----|-----|-----|----|----|----|------|
| CEREBRAL TUMOUR | ACOUSTIC NEUROMA (BENIGN)        | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | ASTROCYTOMA (BENIGN)             | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL TUMOUR | ASTROCYTOMA (MALIGNANT)          | 6   | 4   | 0   | 4   | 0   | 0  | 0  | 1  | 15   |
| CEREBRAL TUMOUR | COLLOID CYST (BENIGN)            | 1   | 1   | 1   | 2   | 0   | 0  | 0  | 2  | 7    |
| CEREBRAL TUMOUR | CRANIOPHARYNGIOMA (BENIGN)       | 0   | 0   | 0   | 2   | 0   | 0  | 0  | 0  | 2    |
| CEREBRAL TUMOUR | DERMOID (BENIGN)                 | 0   | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | EPENDYMOMA (BENIGN)              | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL TUMOUR | GLIOBLASTOMA (MALIGNANT)         | 3   | 5   | 0   | 3   | 0   | 2  | 0  | 0  | 13   |
| CEREBRAL TUMOUR | GLIOMA (MALIGNANT)               | 3   | 2   | 0   | 4   | 0   | 0  | 0  | 1  | 10   |
| CEREBRAL TUMOUR | HAEMANGIOBLASTOMA (BENIGN)       | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | LOW GRADE GLIOMA (BENIGN)        | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | MEDULLOBLASTOMA (MALIGNANT)      | 1   | 2   | 0   | 2   | 0   | 2  | 0  | 0  | 7    |
| CEREBRAL TUMOUR | MELANOMA (MALIGNANT)             | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| CEREBRAL TUMOUR | MENINGIOMA (BENIGN)              | 1   | 6   | 0   | 1   | 0   | 1  | 0  | 2  | 11   |
| CEREBRAL TUMOUR | MENINGIOMA (MALIGNANT)           | 1   | 0   | 0   | 1   | 0   | 1  | 0  | 0  | 3    |
| CEREBRAL TUMOUR | NEUROCYTOMA (BENIGN)             | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | OLIGOASTROCYTOMA (BENIGN)        | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | OLIGOASTROCYTOMA (MALIGNANT)     | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | OLIGODENDROGLIOMA (MALIGNANT)    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | PINEAL TERATOMA (MALIGNANT)      | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | PINEAL TUMOUR (BENIGN)           | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | PITUITARY (BENIGN)               | 1   | 1   | 0   | 0   | 0   | 1  | 0  | 0  | 3    |
| CEREBRAL TUMOUR | POSTERIOR FOSSA (MALIGNANT)      | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | TEMPORAL (MALIGNANT)             | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| CEREBRAL TUMOUR | THALAMUS (MALIGNANT)             | 0   | 0   | 0   | 0   | 0   | 2  | 0  | 0  | 2    |
| CEREBRAL TUMOUR | UNKNOWN (BENIGN)                 | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| CYCLIST         |                                  | 38  | 19  | 2   | 20  | 0   | 4  | 1  | 12 | 96   |
| DROWNING        |                                  | 9   | 13  | 2   | 6   | 0   | 5  | 0  | 7  | 42   |
| FALL            |                                  | 72  | 110 | 9   | 53  | 8   | 34 | 5  | 26 | 317  |
| FELONY OR CRIME | ?ASSAULT                         | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| FELONY OR CRIME | ASSAULT                          | 27  | 9   | 0   | 15  | 1   | 13 | 0  | 10 | 75   |
| FELONY OR CRIME | HIT WITH BASEBALL BAT            | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| FELONY OR CRIME | INTENTIONAL HIT AND RUN          | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| FELONY OR CRIME | SHAKEN BABY                      | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| FELONY OR CRIME | STABBING                         | 2   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 2    |
| FELONY OR CRIME | STRANGULATION                    | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| FELONY OR CRIME | STRANGULATION-CAROTID DISSECTION | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| FELONY OR CRIME | TRAUMA-SECONDARY HYPOXIA         | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| FELONY OR CRIME |                                  | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| GUNSHOT         |                                  | 26  | 27  | 6   | 18  | 7   | 18 | 2  | 8  | 112  |

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**Table 4.0 Cont.**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA**  
**1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH | OTHER CAUSE OF DEATH            | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
|----------------|---------------------------------|-----|-----|-----|-----|-----|----|----|----|------|
| HANGING        |                                 | 27  | 26  | 2   | 24  | 4   | 13 | 2  | 11 | 109  |
| HYPOXIA        | ?CARDIAC EVENT                  | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | ?FIT ?SUBARACHNOID HAEMORRHAGE  | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | AIRWAY OBSTRUCTION              | 0   | 2   | 0   | 0   | 0   | 0  | 0  | 0  | 2    |
| HYPOXIA        | ANAPHYLAXIS                     | 0   | 5   | 0   | 1   | 0   | 2  | 0  | 1  | 9    |
| HYPOXIA        | ANGIOEDEMA-OBSTRUCTED AIRWAY    | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | AORTIC DISSECTION               | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | ASPHYXIATION                    | 0   | 3   | 1   | 0   | 0   | 0  | 0  | 0  | 4    |
| HYPOXIA        | ASPIRATION                      | 1   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 2    |
| HYPOXIA        | BRAIN INJURY                    | 2   | 4   | 0   | 0   | 0   | 1  | 0  | 0  | 7    |
| HYPOXIA        | CARBON MONOXIDE                 | 3   | 4   | 2   | 7   | 0   | 6  | 0  | 1  | 23   |
| HYPOXIA        | CARDIAC ARREST                  | 45  | 68  | 4   | 102 | 6   | 45 | 1  | 17 | 288  |
| HYPOXIA        | CARDIAC ARREST-OVERDOSE         | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | CARDIAC ARRHYTHMIA              | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | CARDIOMYOPATHY                  | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 2    |
| HYPOXIA        | CHOKING                         | 0   | 2   | 2   | 4   | 2   | 2  | 0  | 0  | 12   |
| HYPOXIA        | CONGENITAL CARDIAC DEFECT       | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | CYANIDE POISONING               | 0   | 0   | 0   | 0   | 0   | 2  | 0  | 0  | 2    |
| HYPOXIA        | DIFFICULT INTUBATION            | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | DRUG OVERDOSE                   | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | ELECTROCUTION                   | 0   | 1   | 0   | 3   | 0   | 0  | 0  | 0  | 4    |
| HYPOXIA        | ENCEPHALOPATHY                  | 1   | 1   | 0   | 4   | 1   | 2  | 0  | 0  | 9    |
| HYPOXIA        | EPIGLOTTITIS-UNABLE TO INTUBATE | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | EPILEPSY                        | 1   | 2   | 1   | 4   | 0   | 0  | 0  | 0  | 8    |
| HYPOXIA        | FAT EMBOLUS                     | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | FEBRILE CONVULSION              | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | HYDROCEPHALUS                   | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | HYPERTHERMIA                    | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | HYPOVOLAEMIA                    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | IATROGENIC                      | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| HYPOXIA        | INHALATION OF APPLE             | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | INHALATION PETROL FUMES         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | ISCHAEMIC BRAIN DAMAGE          | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | ISCHAEMIC ENCEPHALOPATHY        | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | MYOCARDIAL INFARCTION           | 0   | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | NITROUS OXIDE INHALATION        | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | NOT SPECIFIED                   | 0   | 1   | 0   | 0   | 0   | 0  | 1  | 0  | 2    |
| HYPOXIA        | ORGANOPHOSPHATE POISONING       | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | OVERDOSE                        | 7   | 10  | 0   | 14  | 0   | 6  | 1  | 3  | 41   |
| HYPOXIA        | OVERDOSE-INSULIN                | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | OVERDOSE-METHANOL               | 1   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 2    |
| HYPOXIA        | OVERDOSE-PARACETAMOL            | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| HYPOXIA        | OVERDOSE-POLY PHARMACY          | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | POST ACCIDENT                   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| HYPOXIA        | POST ASTHMA                     | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| HYPOXIA        | POST BYPASS SURGERY             | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |



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**Table 4 .0 Cont.**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA**  
**1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH           | OTHER CAUSE OF DEATH                 | QLD | NSW | ACT | VIC | TAS | SA  | NT | WA  | AUST |
|--------------------------|--------------------------------------|-----|-----|-----|-----|-----|-----|----|-----|------|
| HYPOXIA                  | POST CARDIAC ARREST                  | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | POST DRUG OVERDOSE                   | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | POST OPERATIVE                       | 0   | 3   | 0   | 0   | 0   | 0   | 0  | 0   | 3    |
| HYPOXIA                  | POST SEIZURE                         | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | POST WRIST SLASHING                  | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | PRECIPITATING CAUSE UNKNOWN          | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | PULMONARY EMBOLISM                   | 1   | 1   | 1   | 1   | 0   | 2   | 0  | 0   | 6    |
| HYPOXIA                  | RESPIRATORY ARREST                   | 5   | 1   | 0   | 2   | 0   | 2   | 0  | 1   | 11   |
| HYPOXIA                  | RESPIRATORY FAILURE                  | 0   | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 3    |
| HYPOXIA                  | REVISION OF VP SHUNT                 | 0   | 0   | 0   | 0   | 0   | 1   | 0  | 0   | 1    |
| HYPOXIA                  | SECONDARY COLLAPSE-APERT SYNDROME    | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | SEIZURE                              | 1   | 4   | 2   | 3   | 0   | 0   | 0  | 0   | 10   |
| HYPOXIA                  | SLEEP APNOEA                         | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| HYPOXIA                  | SMOKE INHALATION                     | 0   | 2   | 0   | 1   | 0   | 2   | 0  | 0   | 5    |
| HYPOXIA                  | STRANGULATION                        | 0   | 1   | 0   | 1   | 0   | 0   | 0  | 0   | 2    |
| HYPOXIA                  | STRYCHNINE POISONING                 | 0   | 0   | 0   | 0   | 0   | 1   | 1  | 0   | 2    |
| HYPOXIA                  | UNKNOWN CAUSE                        | 0   | 0   | 0   | 0   | 0   | 1   | 0  | 0   | 1    |
| HYPOXIA                  | VENTRICULAR FIBRILLATION             | 0   | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 3    |
| INTRACRANIAL HAEMORRHAGE | MELANOMA DONOR KIDNEY                | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| INTRACRANIAL HAEMORRHAGE | INTRACRANIAL HAEMORRHAGE             | 294 | 555 | 40  | 446 | 29  | 222 | 15 | 132 | 1733 |
| MOTOR BIKE ACCIDENT      |                                      | 46  | 49  | 6   | 29  | 0   | 16  | 4  | 21  | 171  |
| MOTOR VEHICLE ACCIDENT   |                                      | 106 | 149 | 12  | 102 | 13  | 73  | 9  | 71  | 535  |
| OTHER                    | ?MENINGITIS (BACTERIAL)              | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | ACUTE OBSTRUCTIVE HYDROCEPHALUS      | 0   | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 1    |
| OTHER                    | BLOCKED VP SHUNT-HYDROCEPHALUS       | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | BRAIN STEM HAEMORRHAGE               | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | BRONCHIECTASIS                       | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 1    |
| OTHER                    | CAROTID ARTERY DISSECTION            | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | CEREBRAL ABSCESS                     | 0   | 1   | 1   | 0   | 0   | 0   | 1  | 0   | 3    |
| OTHER                    | CEREBRAL ARTERITIS                   | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | CHRONIC LIVER DISEASE                | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | EXTRADURAL HAEMATOMA                 | 1   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 2    |
| OTHER                    | FULMINANT LIVER FAILURE              | 0   | 0   | 0   | 2   | 0   | 0   | 0  | 0   | 2    |
| OTHER                    | HEART FAILURE                        | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | HEPATITIS-MULTIORGAN FAILURE         | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | HINI RESPIRATORY FAILURE             | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | HYPERTROPHIC CARDIOMYOPATHY          | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 1    |
| OTHER                    | HYPOGLYCAEMIA                        | 0   | 1   | 0   | 1   | 0   | 1   | 0  | 0   | 3    |
| OTHER                    | INFLAMMATORY POLYNEUROPATHY DISORDER | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | INFLUENZA                            | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | IRACANGE STING                       | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1    |
| OTHER                    | MEDULLARY NEUROSARCOID               | 0   | 0   | 0   | 0   | 0   | 1   | 0  | 0   | 1    |
| OTHER                    | MENINGITIS (MENINGOCOCCAL)           | 0   | 0   | 0   | 0   | 1   | 0   | 0  | 0   | 1    |
| OTHER                    | MENINGITIS (CRYPTOCOCCAL)            | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 1    |



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**Table 4.0 Cont.**

| <b>CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA</b><br><b>1 JAN 1989 - 31 DEC 2012</b> |                                       |     |     |     |     |     |    |    |    |      |
|--|---------------------------------------|-----|-----|-----|-----|-----|----|----|----|------|
| CAUSE OF DEATH   | OTHER CAUSE OF DEATH                  | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
| OTHER  | MENINGITIS (DIPLOCOCCI)               | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MENINGITIS (GRAM NEGATIVE)            | 0   | 0   | 0   | 0   | 0   | 0  | 1  | 0  | 1    |
| OTHER  | MENINGITIS (HAEMOPHYLIS)              | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MENINGITIS (MENINGOCOCCAL)            | 0   | 1   | 1   | 9   | 0   | 1  | 0  | 1  | 13   |
| OTHER  | MENINGITIS (ORGANISM UNKNOWN)         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MENINGITIS (PNEUMOCOCCAL)             | 3   | 7   | 0   | 3   | 1   | 1  | 0  | 0  | 15   |
| OTHER  | MENINGITIS (PSEUDOMONAS)              | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MENINGITIS (STREP PNEUMONIAE)         | 1   | 1   | 0   | 0   | 0   | 1  | 0  | 0  | 3    |
| OTHER  | MENINGITIS (STREPTOCOCCAL)            | 1   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 3    |
| OTHER  | MENINGITIS (STREPTOCOCCUS PENUMONIAE) | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MENINGITIS (STREPTOCOCCUS)            | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | MULTIPLE BRAIN ABSCESES               | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER  | OVERDOSE-INSULIN                      | 0   | 0   | 0   | 0   | 1   | 0  | 0  | 0  | 1    |
| OTHER  | POST PARTUM HAEMORRHAGE               | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | PULMONARY EMBOLISM                    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 2    |
| OTHER  | PULMONARY FIBROSIS                    | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | RAISED INTERCRANIAL PRESSURE          | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | RESPIRATORY FAILURE                   | 0   | 5   | 0   | 4   | 0   | 2  | 0  | 0  | 11   |
| OTHER  | RESTRICTIVE LUNG DISEASE              | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | RUPTURED VERTEBRAL ARTERIES           | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | SNAKE BITE                            | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | SPINAL CORD INFARCT                   | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER  | STAPHYLOCCAL VENTRICULITIS            | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER  | SUICIDE-NAIL GUN                      | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | THORACIC AORTIC ANEURYSM              | 0   | 1   | 0   | 1   | 0   | 0  | 0  | 0  | 2    |
| OTHER  | TRAUMATIC BRAIN INJURY                | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | TRAUMATIC BRAIN INJURY-UNKNOWN CAUSE  | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | UNKNOWN-CORONER CASE                  | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER  | UNKNOWN-DONATION AFTER CARDIAC DEATH  | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER  | WATER INTOXICATION                    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | ?FALL ?ASSAULT                        | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | ANTENNA LODGED ROOF MOUTH             | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | ARROW THROUGH HEAD                    | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | BASIN FELL ON HEAD                    | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | BOATING                               | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | BOXING                                | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | BRAIN INJURY-KICKBOXING               | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | BURNS                                 | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 2    |
| OTHER ACCIDENT   | COLLISION SOCCER FIELD                | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | CONCRETE BLOCK FELL ON HEAD           | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | CONSTRUCTION WORKPLACE ACCIDENT       | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT   | CYCLONE                               | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |



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**Table 4 Cont.**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA  
1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH      | OTHER CAUSE OF DEATH      | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
|---------------------|---------------------------|-----|-----|-----|-----|-----|----|----|----|------|
| OTHER ACCIDENT      | EXPLOSION DEBRIS          | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | EXTRADURAL HAEMATOMA      | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | FALLING CONCRETE WALL     | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | FALLING TREE              | 1   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 2    |
| OTHER ACCIDENT      | FARM ACCIDENT             | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | FOOTBALL INJURY           | 4   | 1   | 0   | 0   | 0   | 0  | 0  | 1  | 6    |
| OTHER ACCIDENT      | FRIDGE FELL ON CHILD      | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HANG GLIDING              | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HEAD INJURY               | 0   | 1   | 0   | 0   | 1   | 0  | 0  | 0  | 2    |
| OTHER ACCIDENT      | HEAD-CHEST TRAUMA         | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| OTHER ACCIDENT      | HIT BY BOOM               | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HIT BY TRAIN              | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HIT ON HEAD               | 1   | 0   | 0   | 0   | 0   | 0  | 1  | 0  | 2    |
| OTHER ACCIDENT      | HIT ON HEAD-HORSE TRAILER | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HIT ON HEAD-SCAFFOLDING   | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | HIT TREE ON ROPE SWING    | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | INDUSTRIAL                | 4   | 2   | 0   | 4   | 0   | 2  | 0  | 0  | 12   |
| OTHER ACCIDENT      | JET SKI                   | 0   | 1   | 0   | 1   | 0   | 0  | 0  | 0  | 2    |
| OTHER ACCIDENT      | KICKED BY HORSE           | 2   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 3    |
| OTHER ACCIDENT      | NO FURTHER INFORMATION    | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | PEDESTRIAN VS TRAIN       | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | PENETRATING HEAD INJURY   | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | POLE FELL ON HEAD         | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER ACCIDENT      | PRIMARY BLAST INJURY      | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1    |
| OTHER ACCIDENT      | SEVERED CAROTID ARTERY    | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | SHED COLLAPSED            | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| OTHER ACCIDENT      | SHOP DISPLAY FELL ON HEAD | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| OTHER ACCIDENT      | SKATEBOARD                | 1   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 2    |
| OTHER ACCIDENT      | SKI BOARD                 | 0   | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | SLING SHOT-POTATO GUN     | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | STRUCK BY IRON BEAM       | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | SWIMMING ACCIDENT         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | THROWN BY HORSE           | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | TIMBER FELL ON HEAD       | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | TRAMPLED BY LIVESTOCK     | 0   | 1   | 0   | 0   | 1   | 0  | 0  | 0  | 2    |
| OTHER ACCIDENT      | WELDING ACCIDENT          | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ACCIDENT      | WORKPLACE INJURY          | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT | CAR COLLISION WITH HORSE  | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT | CAR SURFING               | 2   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 3    |
| OTHER ROAD ACCIDENT | FALL FROM VEHICLE         | 9   | 2   | 0   | 2   | 1   | 3  | 1  | 2  | 20   |
| OTHER ROAD ACCIDENT | GO KART                   | 0   | 1   | 0   | 0   | 0   | 1  | 0  | 0  | 2    |
| OTHER ROAD ACCIDENT | GOLF BUGGY                | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT | HEAD FROM CAR-HIT METER   | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1    |

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**Table 4.0 Cont.**

**CAUSE OF DONOR DEATH IN EACH STATE AND AUSTRALIA  
1 JAN 1989 - 31 DEC 2012**

| CAUSE OF DEATH               | OTHER CAUSE OF DEATH         | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | AUST |
|------------------------------|------------------------------|-----|-----|-----|-----|-----|----|----|----|------|
| OTHER ROAD ACCIDENT          | HEAD HIT TREE-BACK UTILITY   | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT          | HIT BY CAR                   | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT          | HIT BY TOWBALL               | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1    |
| OTHER ROAD ACCIDENT          | QUAD BIKE                    | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT          | RAIL ACCIDENT                | 0   | 4   | 0   | 0   | 0   | 1  | 0  | 0  | 5    |
| OTHER ROAD ACCIDENT          | RUN OVER                     | 2   | 0   | 0   | 1   | 0   | 0  | 0  | 1  | 4    |
| OTHER ROAD ACCIDENT          | SCOOTER VS CAR               | 0   | 0   | 1   | 0   | 0   | 0  | 0  | 0  | 1    |
| OTHER ROAD ACCIDENT          | SKATEBOARD                   | 3   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 4    |
| OTHER ROAD ACCIDENT          | TRACTOR ROLL OVER            | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1    |
| PEDESTRIAN                   |                              | 52  | 75  | 3   | 53  | 3   | 23 | 2  | 16 | 227  |
| SUBARACHNOID HAEMORRHAGE     | SUBARACHNOID HAEMORRHAGE     | 131 | 171 | 23  | 168 | 17  | 74 | 8  | 56 | 648  |
| SUDDEN INFANT DEATH SYNDROME | SUDDEN INFANT DEATH SYNDROME | 1   | 0   | 0   | 2   | 0   | 1  | 0  | 0  | 4    |



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**Table 5.0**

## CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES 1989-2012

| DONOR STATE | CAUSE OF DEATH  | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11         | 12        | TOTAL       |
|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-------------|
| QLD         | CVA             | 15        | 14        | 17        | 25        | 16        | 13        | 10        | 12        | 23        | 20        | 12        | 17        | 25        | 21        | 19        | 18        | 19        | 19        | 16        | 18        | 18        | 22        | 31         | 35        | 455         |
| QLD         | TRAUMA-ROAD     | 11        | 10        | 18        | 22        | 11        | 17        | 13        | 12        | 6         | 9         | 5         | 9         | 12        | 12        | 13        | 11        | 3         | 8         | 7         | 11        | 7         | 11        | 13         | 10        | 261         |
| QLD         | TRAUMA-NON ROAD | 7         | 7         | 6         | 12        | 10        | 5         | 7         | 8         | 4         | 5         | 1         | 5         | 6         | 6         | 6         | 7         | 6         | 2         | 5         | 8         | 7         | 6         | 11         | 9         | 156         |
| QLD         | HYPOXIA-ANOXIA  | 0         | 1         | 1         | 2         | 2         | 0         | 1         | 0         | 2         | 2         | 1         | 5         | 4         | 0         | 2         | 1         | 2         | 4         | 6         | 10        | 6         | 4         | 6          | 12        | 74          |
| QLD         | CEREBRAL TUMOUR | 1         | 2         | 0         | 2         | 1         | 1         | 2         | 1         | 1         | 2         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 1         | 1          | 0         | 19          |
| QLD         | OTHER           | 3         | 4         | 4         | 3         | 4         | 2         | 1         | 2         | 1         | 2         | 1         | 1         | 1         | 4         | 0         | 2         | 4         | 3         | 5         | 1         | 7         | 5         | 5          | 12        | 77          |
| <b>QLD</b>  | <b>TOTAL</b>    | <b>37</b> | <b>38</b> | <b>46</b> | <b>66</b> | <b>44</b> | <b>38</b> | <b>34</b> | <b>35</b> | <b>37</b> | <b>40</b> | <b>20</b> | <b>37</b> | <b>48</b> | <b>44</b> | <b>40</b> | <b>39</b> | <b>35</b> | <b>36</b> | <b>39</b> | <b>48</b> | <b>47</b> | <b>49</b> | <b>67</b>  | <b>78</b> | <b>1042</b> |
| NSW         | CVA             | 44        | 32        | 36        | 35        | 38        | 40        | 31        | 28        | 37        | 33        | 25        | 27        | 25        | 31        | 24        | 37        | 31        | 30        | 28        | 33        | 33        | 44        | 40         | 41        | 803         |
| NSW         | TRAUMA-ROAD     | 29        | 23        | 12        | 19        | 17        | 17        | 20        | 16        | 14        | 15        | 8         | 12        | 7         | 8         | 12        | 8         | 9         | 10        | 8         | 2         | 7         | 15        | 6          | 9         | 303         |
| NSW         | TRAUMA-NON ROAD | 8         | 13        | 13        | 6         | 5         | 9         | 5         | 9         | 6         | 8         | 9         | 9         | 3         | 6         | 4         | 5         | 3         | 2         | 6         | 5         | 7         | 7         | 10         | 11        | 169         |
| NSW         | HYPOXIA-ANOXIA  | 2         | 1         | 4         | 4         | 4         | 2         | 0         | 4         | 4         | 2         | 0         | 3         | 6         | 6         | 3         | 8         | 6         | 3         | 5         | 9         | 15        | 13        | 11         | 16        | 131         |
| NSW         | CEREBRAL TUMOUR | 0         | 0         | 1         | 4         | 2         | 1         | 1         | 1         | 2         | 1         | 2         | 2         | 0         | 1         | 0         | 1         | 2         | 0         | 1         | 0         | 1         | 1         | 0          | 1         | 25          |
| NSW         | OTHER           | 3         | 5         | 6         | 2         | 2         | 2         | 3         | 5         | 2         | 4         | 4         | 2         | 6         | 3         | 3         | 4         | 3         | 5         | 5         | 8         | 6         | 8         | 10         | 11        | 112         |
| <b>NSW</b>  | <b>TOTAL</b>    | <b>86</b> | <b>74</b> | <b>72</b> | <b>70</b> | <b>68</b> | <b>71</b> | <b>60</b> | <b>63</b> | <b>65</b> | <b>63</b> | <b>48</b> | <b>55</b> | <b>47</b> | <b>55</b> | <b>46</b> | <b>63</b> | <b>54</b> | <b>50</b> | <b>53</b> | <b>57</b> | <b>69</b> | <b>88</b> | <b>77</b>  | <b>89</b> | <b>1543</b> |
| ACT         | CVA             | 0         | 3         | 2         | 0         | 3         | 1         | 3         | 3         | 2         | 2         | 1         | 2         | 3         | 3         | 4         | 3         | 3         | 3         | 1         | 3         | 3         | 7         | 3          | 8         | 66          |
| ACT         | TRAUMA-ROAD     | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 2         | 2         | 1         | 2         | 1         | 4         | 0         | 0         | 0         | 2         | 1         | 1          | 2         | 24          |
| ACT         | TRAUMA-NON ROAD | 1         | 1         | 1         | 0         | 3         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 2         | 1         | 1         | 0         | 1         | 0         | 0         | 0          | 1         | 16          |
| ACT         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 2         | 3          | 0         | 14          |
| ACT         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 2           |
| ACT         | OTHER           | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 1          | 1         | 8           |
| <b>ACT</b>  | <b>TOTAL</b>    | <b>3</b>  | <b>5</b>  | <b>4</b>  | <b>0</b>  | <b>6</b>  | <b>2</b>  | <b>7</b>  | <b>6</b>  | <b>4</b>  | <b>2</b>  | <b>2</b>  | <b>5</b>  | <b>7</b>  | <b>6</b>  | <b>8</b>  | <b>6</b>  | <b>9</b>  | <b>4</b>  | <b>1</b>  | <b>5</b>  | <b>8</b>  | <b>10</b> | <b>8</b>   | <b>12</b> | <b>130</b>  |
| VIC         | CVA             | 21        | 19        | 21        | 21        | 26        | 13        | 19        | 25        | 30        | 23        | 29        | 27        | 22        | 30        | 28        | 27        | 30        | 25        | 31        | 38        | 30        | 49        | 53         | 48        | 685         |
| VIC         | TRAUMA-ROAD     | 28        | 13        | 13        | 11        | 16        | 8         | 9         | 11        | 3         | 6         | 7         | 8         | 7         | 10        | 1         | 4         | 3         | 8         | 10        | 5         | 7         | 8         | 6          | 7         | 209         |
| VIC         | TRAUMA-NON ROAD | 6         | 6         | 3         | 5         | 5         | 2         | 3         | 6         | 4         | 2         | 1         | 2         | 1         | 1         | 4         | 5         | 5         | 1         | 5         | 6         | 7         | 5         | 8          | 7         | 100         |
| VIC         | HYPOXIA-ANOXIA  | 2         | 3         | 3         | 0         | 1         | 2         | 2         | 2         | 3         | 3         | 2         | 5         | 5         | 3         | 4         | 4         | 7         | 6         | 7         | 14        | 13        | 26        | 23         | 19        | 159         |
| VIC         | CEREBRAL TUMOUR | 2         | 2         | 3         | 1         | 0         | 1         | 1         | 3         | 1         | 2         | 1         | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0          | 0         | 21          |
| VIC         | OTHER           | 6         | 2         | 2         | 4         | 4         | 0         | 4         | 2         | 1         | 4         | 2         | 2         | 5         | 2         | 5         | 4         | 4         | 5         | 2         | 4         | 7         | 8         | 17         | 10        | 106         |
| <b>VIC</b>  | <b>TOTAL</b>    | <b>65</b> | <b>45</b> | <b>45</b> | <b>42</b> | <b>52</b> | <b>26</b> | <b>38</b> | <b>49</b> | <b>42</b> | <b>40</b> | <b>42</b> | <b>44</b> | <b>40</b> | <b>47</b> | <b>42</b> | <b>45</b> | <b>50</b> | <b>45</b> | <b>55</b> | <b>67</b> | <b>64</b> | <b>97</b> | <b>107</b> | <b>91</b> | <b>1280</b> |
| TAS         | CVA             | 0         | 1         | 2         | 2         | 0         | 4         | 1         | 0         | 3         | 0         | 4         | 1         | 2         | 4         | 0         | 1         | 1         | 5         | 1         | 2         | 1         | 5         | 4          | 8         | 52          |
| TAS         | TRAUMA-ROAD     | 2         | 0         | 0         | 1         | 2         | 2         | 1         | 0         | 1         | 0         | 2         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 1         | 0          | 0         | 17          |
| TAS         | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 4         | 0         | 1         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 1         | 0         | 0         | 1         | 3         | 1         | 0          | 2         | 18          |
| TAS         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 2         | 0         | 3         | 0         | 1         | 1          | 1         | 9           |
| TAS         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0           |
| TAS         | OTHER           | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 1          | 4         | 11          |
| <b>TAS</b>  | <b>TOTAL</b>    | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>4</b>  | <b>6</b>  | <b>6</b>  | <b>4</b>  | <b>1</b>  | <b>5</b>  | <b>0</b>  | <b>6</b>  | <b>1</b>  | <b>3</b>  | <b>6</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>8</b>  | <b>1</b>  | <b>8</b>  | <b>5</b>  | <b>10</b> | <b>6</b>   | <b>15</b> | <b>107</b>  |
| SA          | CVA             | 8         | 6         | 4         | 12        | 12        | 10        | 13        | 9         | 14        | 17        | 13        | 14        | 12        | 13        | 11        | 17        | 11        | 19        | 17        | 19        | 21        | 15        | 19         | 15        | 321         |
| SA          | TRAUMA-ROAD     | 6         | 11        | 6         | 2         | 6         | 6         | 4         | 9         | 3         | 6         | 7         | 5         | 7         | 8         | 4         | 3         | 5         | 3         | 3         | 3         | 1         | 6         | 3          | 4         | 121         |
| SA          | TRAUMA-NON ROAD | 3         | 6         | 1         | 4         | 2         | 3         | 2         | 5         | 3         | 2         | 3         | 4         | 2         | 1         | 2         | 3         | 2         | 1         | 3         | 8         | 2         | 4         | 2          | 2         | 70          |
| SA          | HYPOXIA-ANOXIA  | 0         | 1         | 1         | 1         | 1         | 4         | 1         | 1         | 2         | 3         | 4         | 2         | 2         | 6         | 4         | 13        | 2         | 9         | 1         | 6         | 6         | 2         | 6          | 5         | 83          |
| SA          | CEREBRAL TUMOUR | 0         | 1         | 3         | 0         | 0         | 0         | 2         | 1         | 0         | 2         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0          | 0         | 13          |
| SA          | OTHER           | 2         | 2         | 0         | 1         | 2         | 0         | 1         | 0         | 3         | 5         | 3         | 3         | 2         | 3         | 1         | 3         | 0         | 3         | 3         | 6         | 3         | 4         | 5          | 3         | 58          |
| <b>SA</b>   | <b>TOTAL</b>    | <b>19</b> | <b>27</b> | <b>15</b> | <b>20</b> | <b>23</b> | <b>23</b> | <b>23</b> | <b>25</b> | <b>25</b> | <b>35</b> | <b>30</b> | <b>30</b> | <b>25</b> | <b>31</b> | <b>22</b> | <b>39</b> | <b>20</b> | <b>36</b> | <b>27</b> | <b>43</b> | <b>33</b> | <b>31</b> | <b>35</b>  | <b>29</b> | <b>666</b>  |

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**Table 5.0 Cont.**

| <b>CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES 1989-2012</b> |                       |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |              |
|--|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| <b>DONOR STATE</b>   | <b>CAUSE OF DEATH</b> | <b>89</b>  | <b>90</b>  | <b>91</b>  | <b>92</b>  | <b>93</b>  | <b>94</b>  | <b>95</b>  | <b>96</b>  | <b>97</b>  | <b>98</b>  | <b>99</b>  | <b>00</b>  | <b>01</b>  | <b>02</b>  | <b>03</b>  | <b>04</b>  | <b>05</b>  | <b>06</b>  | <b>07</b>  | <b>08</b>  | <b>09</b>  | <b>10</b>  | <b>11</b>  | <b>12</b>  | <b>TOTAL</b> |
| NT   | CVA                   | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 1          | 1          | 0          | 1          | 1          | 1          | 1          | 1          | 2          | 2          | 2          | 2          | 0          | 1          | 2          | 6          | <b>26</b>    |
| NT   | TRAUMA-ROAD           | 1          | 0          | 1          | 0          | 2          | 0          | 0          | 2          | 1          | 0          | 2          | 1          | 1          | 0          | 0          | 0          | 2          | 0          | 0          | 1          | 1          | 0          | 2          | 0          | <b>17</b>    |
| NT   | TRAUMA-NON ROAD       | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | <b>8</b>     |
| NT   | HYPOXIA-ANOXIA        | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | <b>4</b>     |
| NT   | CEREBRAL TUMOUR       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>0</b>     |
| NT   | OTHER                 | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | <b>4</b>     |
| <b>NT</b>  | <b>TOTAL</b>          | <b>2</b>   | <b>1</b>   | <b>2</b>   | <b>0</b>   | <b>3</b>   | <b>1</b>   | <b>1</b>   | <b>3</b>   | <b>4</b>   | <b>3</b>   | <b>3</b>   | <b>2</b>   | <b>2</b>   | <b>2</b>   | <b>1</b>   | <b>1</b>   | <b>4</b>   | <b>2</b>   | <b>3</b>   | <b>3</b>   | <b>2</b>   | <b>2</b>   | <b>4</b>   | <b>8</b>   | <b>59</b>    |
| WA   | CVA                   | 9          | 5          | 11         | 5          | 7          | 9          | 10         | 6          | 2          | 6          | 4          | 13         | 6          | 4          | 7          | 11         | 16         | 13         | 8          | 14         | 12         | 11         | 13         | 13         | <b>215</b>   |
| WA   | TRAUMA-ROAD           | 5          | 5          | 9          | 6          | 8          | 6          | 6          | 3          | 5          | 5          | 6          | 4          | 5          | 6          | 4          | 5          | 6          | 3          | 2          | 6          | 5          | 2          | 6          | 6          | <b>124</b>   |
| WA   | TRAUMA-NON ROAD       | 1          | 1          | 1          | 1          | 0          | 1          | 1          | 0          | 1          | 1          | 3          | 1          | 1          | 3          | 6          | 3          | 4          | 3          | 5          | 4          | 1          | 1          | 3          | 5          | <b>51</b>    |
| WA   | HYPOXIA-ANOXIA        | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 3          | 1          | 0          | 1          | 0          | 0          | 1          | 4          | 2          | 1          | 3          | 3          | 4          | <b>26</b>    |
| WA   | CEREBRAL TUMOUR       | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 2          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | <b>9</b>     |
| WA   | OTHER                 | 2          | 0          | 2          | 0          | 2          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 2          | 0          | 3          | 2          | 0          | 0          | 2          | 0          | 5          | 8          | 4          | <b>33</b>    |
| <b>WA</b>  | <b>TOTAL</b>          | <b>17</b>  | <b>11</b>  | <b>23</b>  | <b>14</b>  | <b>19</b>  | <b>16</b>  | <b>17</b>  | <b>12</b>  | <b>8</b>   | <b>13</b>  | <b>13</b>  | <b>22</b>  | <b>13</b>  | <b>15</b>  | <b>18</b>  | <b>23</b>  | <b>30</b>  | <b>21</b>  | <b>19</b>  | <b>28</b>  | <b>19</b>  | <b>22</b>  | <b>33</b>  | <b>32</b>  | <b>458</b>   |
| AUST   | CVA                   | 97         | 80         | 93         | 100        | 102        | 91         | 88         | 83         | 112        | 102        | 88         | 102        | 96         | 107        | 94         | 115        | 113        | 116        | 104        | 129        | 118        | 154        | 165        | 174        | <b>2623</b>  |
| AUST   | TRAUMA-ROAD           | 83         | 63         | 60         | 61         | 62         | 56         | 53         | 54         | 35         | 41         | 37         | 41         | 41         | 46         | 37         | 32         | 32         | 32         | 30         | 30         | 31         | 44         | 37         | 38         | <b>1076</b>  |
| AUST   | TRAUMA-NON ROAD       | 27         | 35         | 25         | 28         | 29         | 20         | 20         | 30         | 20         | 19         | 18         | 22         | 14         | 19         | 24         | 25         | 22         | 10         | 25         | 33         | 28         | 24         | 34         | 37         | <b>588</b>   |
| AUST   | HYPOXIA-ANOXIA        | 4          | 6          | 10         | 8          | 10         | 8          | 6          | 9          | 11         | 11         | 7          | 18         | 20         | 16         | 14         | 27         | 18         | 25         | 23         | 44         | 43         | 51         | 53         | 58         | <b>500</b>   |
| AUST   | CEREBRAL TUMOUR       | 3          | 5          | 7          | 8          | 4          | 3          | 7          | 9          | 4          | 7          | 3          | 5          | 0          | 3          | 0          | 3          | 6          | 2          | 1          | 1          | 3          | 3          | 1          | 1          | <b>89</b>    |
| <b>AUST</b>  | <b>OTHER</b>          | <b>17</b>  | <b>14</b>  | <b>14</b>  | <b>11</b>  | <b>14</b>  | <b>5</b>   | <b>10</b>  | <b>9</b>   | <b>8</b>   | <b>16</b>  | <b>11</b>  | <b>8</b>   | <b>14</b>  | <b>15</b>  | <b>10</b>  | <b>16</b>  | <b>13</b>  | <b>17</b>  | <b>15</b>  | <b>22</b>  | <b>24</b>  | <b>33</b>  | <b>47</b>  | <b>46</b>  | <b>409</b>   |
| <b>AUST</b>  | <b>TOTAL</b>          | <b>231</b> | <b>203</b> | <b>209</b> | <b>216</b> | <b>221</b> | <b>183</b> | <b>184</b> | <b>194</b> | <b>190</b> | <b>196</b> | <b>164</b> | <b>196</b> | <b>185</b> | <b>206</b> | <b>179</b> | <b>218</b> | <b>204</b> | <b>202</b> | <b>198</b> | <b>259</b> | <b>247</b> | <b>309</b> | <b>337</b> | <b>354</b> | <b>5285</b>  |



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**Table 5.1**

## CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES 1989-2012 FEMALE

| DONOR STATE | CAUSE OF DEATH  | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| QLD         | CVA             | 8         | 8         | 4         | 11        | 6         | 5         | 6         | 8         | 13        | 12        | 6         | 6         | 7         | 7         | 13        | 10        | 12        | 8         | 8         | 10        | 10        | 12        | 19        | 22        | 231        |
| QLD         | TRAUMA-ROAD     | 2         | 2         | 5         | 2         | 6         | 7         | 2         | 3         | 1         | 5         | 0         | 3         | 2         | 4         | 2         | 3         | 1         | 1         | 0         | 0         | 3         | 3         | 3         | 2         | 62         |
| QLD         | TRAUMA-NON ROAD | 1         | 0         | 0         | 2         | 2         | 2         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 1         | 1         | 1         | 2         | 2         | 0         | 3         | 2         | 23         |
| QLD         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 1         | 2         | 0         | 2         | 2         | 0         | 1         | 1         | 1         | 2         | 3         | 4         | 3         | 2         | 2         | 7         | 35         |
| QLD         | CEREBRAL TUMOUR | 0         | 1         | 0         | 1         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 10         |
| QLD         | OTHER           | 1         | 0         | 3         | 2         | 3         | 2         | 1         | 0         | 0         | 2         | 0         | 0         | 1         | 3         | 0         | 1         | 1         | 2         | 2         | 0         | 3         | 3         | 2         | 5         | 37         |
| QLD         | <b>TOTAL</b>    | <b>12</b> | <b>11</b> | <b>12</b> | <b>18</b> | <b>19</b> | <b>16</b> | <b>12</b> | <b>12</b> | <b>15</b> | <b>22</b> | <b>6</b>  | <b>11</b> | <b>12</b> | <b>15</b> | <b>17</b> | <b>16</b> | <b>17</b> | <b>14</b> | <b>14</b> | <b>16</b> | <b>23</b> | <b>20</b> | <b>30</b> | <b>38</b> | <b>398</b> |
| NSW         | CVA             | 26        | 10        | 18        | 20        | 25        | 18        | 10        | 14        | 10        | 16        | 14        | 17        | 13        | 14        | 15        | 13        | 19        | 18        | 20        | 12        | 18        | 25        | 21        | 24        | 410        |
| NSW         | TRAUMA-ROAD     | 12        | 3         | 4         | 5         | 5         | 7         | 4         | 5         | 2         | 3         | 3         | 3         | 1         | 2         | 3         | 2         | 2         | 4         | 1         | 0         | 1         | 5         | 3         | 2         | 82         |
| NSW         | TRAUMA-NON ROAD | 0         | 1         | 5         | 1         | 1         | 3         | 1         | 1         | 2         | 1         | 3         | 1         | 1         | 1         | 1         | 1         | 0         | 0         | 3         | 0         | 0         | 0         | 5         | 1         | 33         |
| NSW         | HYPOXIA-ANOXIA  | 1         | 1         | 2         | 2         | 2         | 2         | 0         | 0         | 4         | 1         | 0         | 1         | 2         | 3         | 1         | 3         | 3         | 2         | 0         | 7         | 5         | 5         | 3         | 8         | 58         |
| NSW         | CEREBRAL TUMOUR | 0         | 0         | 1         | 3         | 2         | 1         | 0         | 0         | 2         | 1         | 1         | 2         | 0         | 1         | 0         | 1         | 2         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 20         |
| NSW         | OTHER           | 2         | 4         | 2         | 0         | 2         | 1         | 3         | 4         | 2         | 2         | 1         | 1         | 3         | 1         | 0         | 1         | 1         | 3         | 2         | 4         | 4         | 2         | 4         | 4         | 53         |
| NSW         | <b>TOTAL</b>    | <b>41</b> | <b>19</b> | <b>32</b> | <b>31</b> | <b>37</b> | <b>32</b> | <b>18</b> | <b>24</b> | <b>22</b> | <b>24</b> | <b>22</b> | <b>25</b> | <b>20</b> | <b>22</b> | <b>20</b> | <b>21</b> | <b>27</b> | <b>27</b> | <b>27</b> | <b>23</b> | <b>28</b> | <b>38</b> | <b>36</b> | <b>40</b> | <b>656</b> |
| ACT         | CVA             | 0         | 1         | 1         | 0         | 0         | 1         | 2         | 2         | 1         | 0         | 1         | 1         | 1         | 2         | 3         | 0         | 3         | 3         | 1         | 2         | 3         | 3         | 2         | 2         | 35         |
| ACT         | TRAUMA-ROAD     | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 7          |
| ACT         | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| ACT         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 4          |
| ACT         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
| ACT         | OTHER           | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 5          |
| ACT         | <b>TOTAL</b>    | <b>0</b>  | <b>2</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>2</b>  | <b>4</b>  | <b>3</b>  | <b>1</b>  | <b>0</b>  | <b>1</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>4</b>  | <b>0</b>  | <b>6</b>  | <b>3</b>  | <b>1</b>  | <b>2</b>  | <b>4</b>  | <b>5</b>  | <b>4</b>  | <b>4</b>  | <b>53</b>  |
| VIC         | CVA             | 9         | 10        | 16        | 9         | 10        | 7         | 11        | 17        | 17        | 9         | 15        | 14        | 7         | 11        | 8         | 14        | 15        | 11        | 20        | 21        | 16        | 17        | 27        | 21        | 332        |
| VIC         | TRAUMA-ROAD     | 9         | 3         | 0         | 3         | 7         | 3         | 3         | 4         | 0         | 4         | 2         | 4         | 2         | 3         | 0         | 1         | 0         | 4         | 1         | 1         | 3         | 1         | 3         | 1         | 62         |
| VIC         | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 0         | 1         | 1         | 1         | 0         | 1         | 2         | 11         |
| VIC         | HYPOXIA-ANOXIA  | 1         | 1         | 3         | 0         | 1         | 2         | 1         | 1         | 1         | 1         | 2         | 3         | 4         | 0         | 3         | 2         | 3         | 1         | 3         | 6         | 6         | 13        | 9         | 3         | 70         |
| VIC         | CEREBRAL TUMOUR | 2         | 1         | 2         | 1         | 0         | 0         | 0         | 2         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 12         |
| VIC         | OTHER           | 5         | 1         | 1         | 0         | 2         | 0         | 3         | 2         | 1         | 2         | 1         | 0         | 3         | 2         | 4         | 2         | 4         | 2         | 1         | 2         | 4         | 3         | 7         | 6         | 58         |
| VIC         | <b>TOTAL</b>    | <b>26</b> | <b>16</b> | <b>22</b> | <b>13</b> | <b>20</b> | <b>12</b> | <b>19</b> | <b>27</b> | <b>19</b> | <b>17</b> | <b>21</b> | <b>22</b> | <b>16</b> | <b>17</b> | <b>16</b> | <b>19</b> | <b>23</b> | <b>18</b> | <b>26</b> | <b>31</b> | <b>30</b> | <b>35</b> | <b>47</b> | <b>33</b> | <b>545</b> |
| TAS         | CVA             | 0         | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 1         | 3         | 0         | 1         | 0         | 3         | 2         | 6         | 23         |
| TAS         | TRAUMA-ROAD     | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 6          |
| TAS         | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 4          |
| TAS         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 2          |
| TAS         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| TAS         | OTHER           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 3          |
| TAS         | <b>TOTAL</b>    | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>2</b>  | <b>3</b>  | <b>3</b>  | <b>0</b>  | <b>1</b>  | <b>1</b>  | <b>0</b>  | <b>2</b>  | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>4</b>  | <b>0</b>  | <b>3</b>  | <b>0</b>  | <b>4</b>  | <b>2</b>  | <b>9</b>  | <b>38</b>  |
| SA          | CVA             | 4         | 3         | 0         | 10        | 4         | 7         | 3         | 3         | 5         | 12        | 9         | 9         | 6         | 6         | 6         | 6         | 8         | 11        | 9         | 8         | 10        | 7         | 11        | 8         | 165        |
| SA          | TRAUMA-ROAD     | 3         | 3         | 1         | 1         | 2         | 2         | 1         | 2         | 0         | 2         | 2         | 0         | 1         | 1         | 1         | 1         | 0         | 2         | 1         | 0         | 0         | 4         | 1         | 0         | 31         |
| SA          | TRAUMA-NON ROAD | 0         | 2         | 1         | 0         | 0         | 1         | 0         | 2         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 13         |
| SA          | HYPOXIA-ANOXIA  | 0         | 1         | 1         | 1         | 1         | 2         | 1         | 0         | 2         | 1         | 0         | 1         | 1         | 2         | 2         | 7         | 0         | 5         | 1         | 2         | 3         | 1         | 1         | 3         | 39         |
| SA          | CEREBRAL TUMOUR | 0         | 1         | 2         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 7          |
| SA          | OTHER           | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 3         | 2         | 0         | 1         | 1         | 1         | 2         | 0         | 2         | 1         | 2         | 1         | 3         | 3         | 2         | 28         |
| SA          | <b>TOTAL</b>    | <b>8</b>  | <b>11</b> | <b>5</b>  | <b>12</b> | <b>7</b>  | <b>12</b> | <b>7</b>  | <b>7</b>  | <b>9</b>  | <b>19</b> | <b>14</b> | <b>11</b> | <b>10</b> | <b>10</b> | <b>10</b> | <b>17</b> | <b>8</b>  | <b>21</b> | <b>12</b> | <b>14</b> | <b>14</b> | <b>16</b> | <b>16</b> | <b>13</b> | <b>283</b> |

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**Table 5.1 Cont.**

## CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES 1989 - 2012 FEMALE

| DONOR STATE | CAUSE OF DEATH  | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|-------------|
| NT          | CVA             | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 2         | 1         | 2          | 0          | 0          | 1          | 1          | 10          |
| NT          | TRAUMA-ROAD     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1          | 0          | 0          | 1          | 0          | 4           |
| NT          | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 1           |
| NT          | HYPOXIA-ANOXIA  | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 1          | 2           |
| NT          | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0           |
| NT          | OTHER           | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 1          | 1           |
| NT          | <b>TOTAL</b>    | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>2</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>1</b>  | <b>2</b>  | <b>2</b>  | <b>1</b>  | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>3</b>   | <b>18</b>   |
| WA          | CVA             | 5         | 3         | 5         | 4         | 4         | 8         | 3         | 4         | 0         | 5         | 2         | 9         | 4         | 2         | 5         | 5         | 6         | 7         | 3         | 8          | 3          | 4          | 6          | 8          | 113         |
| WA          | TRAUMA-ROAD     | 1         | 1         | 1         | 1         | 2         | 2         | 0         | 1         | 3         | 0         | 2         | 0         | 2         | 2         | 0         | 2         | 0         | 0         | 1         | 2          | 0          | 0          | 3          | 0          | 26          |
| WA          | TRAUMA-NON ROAD | 1         | 1         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 1         | 0         | 2         | 2          | 1          | 0          | 0          | 0          | 15          |
| WA          | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1          | 0          | 2          | 1          | 3          | 12          |
| WA          | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 0          | 0          | 0          | 0          | 0          | 6           |
| WA          | OTHER           | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0          | 0          | 2          | 5          | 2          | 12          |
| WA          | <b>TOTAL</b>    | <b>7</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>  | <b>9</b>  | <b>11</b> | <b>4</b>  | <b>7</b>  | <b>3</b>  | <b>5</b>  | <b>4</b>  | <b>11</b> | <b>6</b>  | <b>6</b>  | <b>6</b>  | <b>10</b> | <b>9</b>  | <b>8</b>  | <b>7</b>  | <b>13</b>  | <b>4</b>   | <b>8</b>   | <b>15</b>  | <b>13</b>  | <b>184</b>  |
| AUST        | CVA             | 52        | 35        | 44        | 55        | 49        | 48        | 35        | 48        | 47        | 54        | 48        | 57        | 38        | 43        | 50        | 50        | 65        | 63        | 62        | 64         | 60         | 71         | 89         | 92         | 1319        |
| AUST        | TRAUMA-ROAD     | 27        | 13        | 11        | 13        | 23        | 22        | 10        | 15        | 6         | 14        | 10        | 12        | 9         | 12        | 6         | 9         | 6         | 11        | 4         | 5          | 7          | 15         | 14         | 6          | 280         |
| AUST        | TRAUMA-NON ROAD | 2         | 4         | 6         | 4         | 5         | 7         | 4         | 5         | 3         | 2         | 4         | 2         | 2         | 3         | 5         | 5         | 3         | 2         | 7         | 6          | 4          | 1          | 9          | 5          | 100         |
| AUST        | HYPOXIA-ANOXIA  | 2         | 3         | 7         | 4         | 6         | 6         | 4         | 1         | 8         | 5         | 2         | 9         | 9         | 5         | 7         | 13        | 8         | 11        | 8         | 21         | 17         | 24         | 17         | 25         | 222         |
| AUST        | CEREBRAL TUMOUR | 2         | 3         | 5         | 5         | 4         | 1         | 3         | 6         | 2         | 3         | 2         | 3         | 0         | 3         | 0         | 2         | 4         | 1         | 1         | 1          | 2          | 2          | 1          | 1          | 57          |
| AUST        | OTHER           | 9         | 6         | 6         | 2         | 8         | 4         | 8         | 6         | 4         | 9         | 4         | 1         | 8         | 8         | 6         | 6         | 7         | 9         | 6         | 8          | 13         | 13         | 22         | 24         | 197         |
| AUST        | <b>TOTAL</b>    | <b>94</b> | <b>64</b> | <b>79</b> | <b>83</b> | <b>95</b> | <b>88</b> | <b>64</b> | <b>81</b> | <b>70</b> | <b>87</b> | <b>70</b> | <b>84</b> | <b>66</b> | <b>74</b> | <b>74</b> | <b>85</b> | <b>93</b> | <b>97</b> | <b>88</b> | <b>105</b> | <b>103</b> | <b>126</b> | <b>152</b> | <b>153</b> | <b>2175</b> |



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**Table 5.2**

## CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES 1989-2012 - MALE

| DONOR STATE | CAUSE OF DEATH  | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| QLD         | CVA             | 7         | 6         | 13        | 14        | 10        | 8         | 4         | 4         | 10        | 8         | 6         | 11        | 18        | 14        | 6         | 8         | 7         | 11        | 8         | 8         | 8         | 10        | 12        | 13        | 224        |
| QLD         | TRAUMA-ROAD     | 9         | 8         | 13        | 20        | 5         | 10        | 11        | 9         | 5         | 4         | 5         | 6         | 10        | 8         | 11        | 8         | 2         | 7         | 7         | 11        | 4         | 8         | 10        | 8         | 199        |
| QLD         | TRAUMA-NON ROAD | 6         | 7         | 6         | 10        | 8         | 3         | 6         | 8         | 4         | 4         | 1         | 5         | 6         | 6         | 5         | 6         | 5         | 1         | 4         | 6         | 5         | 6         | 8         | 7         | 133        |
| QLD         | HYPOXIA-ANOXIA  | 0         | 1         | 1         | 2         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 3         | 2         | 0         | 1         | 0         | 1         | 2         | 3         | 6         | 3         | 2         | 4         | 5         | 39         |
| QLD         | CEREBRAL TUMOUR | 1         | 1         | 0         | 1         | 0         | 1         | 1         | 0         | 1         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 9          |
| QLD         | OTHER           | 2         | 4         | 1         | 1         | 1         | 0         | 0         | 2         | 1         | 0         | 1         | 1         | 0         | 1         | 0         | 1         | 3         | 1         | 3         | 1         | 4         | 2         | 3         | 7         | 40         |
| QLD         | <b>TOTAL</b>    | <b>25</b> | <b>27</b> | <b>34</b> | <b>48</b> | <b>25</b> | <b>22</b> | <b>22</b> | <b>23</b> | <b>22</b> | <b>18</b> | <b>14</b> | <b>26</b> | <b>36</b> | <b>29</b> | <b>23</b> | <b>23</b> | <b>18</b> | <b>22</b> | <b>25</b> | <b>32</b> | <b>24</b> | <b>29</b> | <b>37</b> | <b>40</b> | <b>644</b> |
| NSW         | CVA             | 18        | 22        | 18        | 15        | 13        | 22        | 21        | 14        | 27        | 17        | 11        | 10        | 12        | 17        | 9         | 24        | 12        | 12        | 8         | 21        | 15        | 19        | 19        | 17        | 393        |
| NSW         | TRAUMA-ROAD     | 17        | 20        | 8         | 14        | 12        | 10        | 16        | 11        | 12        | 12        | 5         | 9         | 6         | 6         | 9         | 6         | 7         | 6         | 7         | 2         | 6         | 10        | 3         | 7         | 221        |
| NSW         | TRAUMA-NON ROAD | 8         | 12        | 8         | 5         | 4         | 6         | 4         | 8         | 4         | 7         | 6         | 8         | 2         | 5         | 3         | 4         | 3         | 2         | 3         | 5         | 7         | 7         | 5         | 10        | 136        |
| NSW         | HYPOXIA-ANOXIA  | 1         | 0         | 2         | 2         | 2         | 0         | 0         | 4         | 0         | 1         | 0         | 2         | 4         | 3         | 2         | 5         | 3         | 1         | 5         | 2         | 10        | 8         | 8         | 8         | 73         |
| NSW         | CEREBRAL TUMOUR | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 5          |
| NSW         | OTHER           | 1         | 1         | 4         | 2         | 0         | 1         | 0         | 1         | 0         | 2         | 3         | 1         | 3         | 2         | 3         | 3         | 2         | 2         | 3         | 4         | 2         | 6         | 6         | 7         | 59         |
| NSW         | <b>TOTAL</b>    | <b>45</b> | <b>55</b> | <b>40</b> | <b>39</b> | <b>31</b> | <b>39</b> | <b>42</b> | <b>39</b> | <b>43</b> | <b>39</b> | <b>26</b> | <b>30</b> | <b>27</b> | <b>33</b> | <b>26</b> | <b>42</b> | <b>27</b> | <b>23</b> | <b>26</b> | <b>34</b> | <b>41</b> | <b>50</b> | <b>41</b> | <b>49</b> | <b>887</b> |
| ACT         | CVA             | 0         | 2         | 1         | 0         | 3         | 0         | 1         | 1         | 1         | 2         | 0         | 1         | 2         | 1         | 1         | 3         | 0         | 0         | 0         | 1         | 0         | 4         | 1         | 6         | 31         |
| ACT         | TRAUMA- ROAD    | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 1         | 1         | 1         | 2         | 1         | 2         | 0         | 0         | 0         | 2         | 0         | 1         | 1         | 17         |
| ACT         | TRAUMA-NON ROAD | 1         | 1         | 1         | 0         | 3         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 2         | 1         | 1         | 0         | 1         | 0         | 0         | 0         | 1         | 16         |
| ACT         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 2         | 0         | 10         |
| ACT         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| ACT         | OTHER           | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 3          |
| ACT         | <b>TOTAL</b>    | <b>3</b>  | <b>3</b>  | <b>3</b>  | <b>0</b>  | <b>6</b>  | <b>0</b>  | <b>3</b>  | <b>3</b>  | <b>3</b>  | <b>2</b>  | <b>1</b>  | <b>3</b>  | <b>5</b>  | <b>4</b>  | <b>4</b>  | <b>6</b>  | <b>3</b>  | <b>1</b>  | <b>0</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>4</b>  | <b>8</b>  | <b>77</b>  |
| VIC         | CVA             | 12        | 9         | 5         | 12        | 16        | 6         | 8         | 8         | 13        | 14        | 14        | 13        | 15        | 19        | 20        | 13        | 15        | 14        | 11        | 17        | 14        | 32        | 26        | 27        | 353        |
| VIC         | TRAUMA-ROAD     | 19        | 10        | 13        | 8         | 9         | 5         | 6         | 7         | 3         | 2         | 5         | 4         | 5         | 7         | 1         | 3         | 3         | 4         | 9         | 4         | 4         | 7         | 3         | 6         | 147        |
| VIC         | TRAUMA-NON ROAD | 6         | 6         | 3         | 5         | 5         | 2         | 2         | 5         | 4         | 2         | 1         | 1         | 1         | 1         | 3         | 5         | 4         | 1         | 4         | 5         | 6         | 5         | 7         | 5         | 89         |
| VIC         | HYPOXIA-ANOXIA  | 1         | 2         | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 2         | 0         | 2         | 1         | 3         | 1         | 2         | 4         | 5         | 4         | 8         | 7         | 13        | 14        | 16        | 89         |
| VIC         | CEREBRAL TUMOUR | 0         | 1         | 1         | 0         | 0         | 1         | 1         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 9          |
| VIC         | OTHER           | 1         | 1         | 1         | 4         | 2         | 0         | 1         | 0         | 0         | 2         | 1         | 2         | 2         | 0         | 1         | 2         | 0         | 3         | 1         | 2         | 3         | 5         | 10        | 4         | 48         |
| VIC         | <b>TOTAL</b>    | <b>39</b> | <b>29</b> | <b>23</b> | <b>29</b> | <b>32</b> | <b>14</b> | <b>19</b> | <b>22</b> | <b>23</b> | <b>23</b> | <b>21</b> | <b>22</b> | <b>24</b> | <b>30</b> | <b>26</b> | <b>26</b> | <b>27</b> | <b>27</b> | <b>29</b> | <b>36</b> | <b>34</b> | <b>62</b> | <b>60</b> | <b>58</b> | <b>735</b> |
| TAS         | CVA             | 0         | 1         | 2         | 1         | 0         | 2         | 1         | 0         | 2         | 0         | 3         | 1         | 2         | 3         | 0         | 0         | 0         | 2         | 1         | 1         | 1         | 2         | 2         | 2         | 29         |
| TAS         | TRAUMA-ROAD     | 2         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 11         |
| TAS         | TRAUMA-NON ROAD | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 1         | 3         | 1         | 0         | 2         | 14         |
| TAS         | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 2         | 0         | 1         | 1         | 1         | 7          |
| TAS         | CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| TAS         | OTHER           | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 1         | 1         | 8          |
| TAS         | <b>TOTAL</b>    | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>3</b>  | <b>3</b>  | <b>4</b>  | <b>0</b>  | <b>4</b>  | <b>0</b>  | <b>4</b>  | <b>1</b>  | <b>3</b>  | <b>5</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>4</b>  | <b>1</b>  | <b>5</b>  | <b>5</b>  | <b>6</b>  | <b>4</b>  | <b>6</b>  | <b>69</b>  |
| SA          | CVA             | 4         | 3         | 4         | 2         | 8         | 3         | 10        | 6         | 9         | 5         | 4         | 5         | 6         | 7         | 5         | 11        | 3         | 8         | 8         | 11        | 11        | 8         | 8         | 7         | 156        |
| SA          | TRAUMA-ROAD     | 3         | 8         | 5         | 1         | 4         | 4         | 3         | 7         | 3         | 4         | 5         | 5         | 6         | 7         | 3         | 2         | 5         | 1         | 2         | 3         | 1         | 2         | 2         | 4         | 90         |
| SA          | TRAUMA-NON ROAD | 3         | 4         | 0         | 4         | 2         | 2         | 2         | 3         | 2         | 2         | 2         | 4         | 1         | 1         | 2         | 2         | 2         | 0         | 3         | 7         | 2         | 3         | 2         | 2         | 57         |
| SA          | HYPOXIA-ANOXIA  | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 2         | 4         | 1         | 1         | 4         | 2         | 6         | 2         | 4         | 0         | 4         | 3         | 1         | 5         | 2         | 44         |
| SA          | CEREBRAL TUMOUR | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 6          |
| SA          | OTHER           | 1         | 1         | 0         | 1         | 2         | 0         | 0         | 0         | 2         | 2         | 1         | 3         | 1         | 2         | 0         | 1         | 0         | 1         | 2         | 4         | 2         | 1         | 2         | 1         | 30         |
| SA          | <b>TOTAL</b>    | <b>11</b> | <b>16</b> | <b>10</b> | <b>8</b>  | <b>16</b> | <b>11</b> | <b>16</b> | <b>18</b> | <b>16</b> | <b>16</b> | <b>16</b> | <b>19</b> | <b>15</b> | <b>21</b> | <b>12</b> | <b>22</b> | <b>12</b> | <b>15</b> | <b>15</b> | <b>29</b> | <b>19</b> | <b>15</b> | <b>19</b> | <b>16</b> | <b>383</b> |



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**Table 5.2 Cont.**

| <b>CAUSE OF DONOR DEATH RELATED TO AUSTRALIAN STATES</b> |                       |            |            |            |            |            |           |            |            |            |            |           |            |            |            |            |            |            |            |            |            |            |            |            |            |              |
|--|-----------------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| <b>1989-2012 - MALE</b>                                  |                       |            |            |            |            |            |           |            |            |            |            |           |            |            |            |            |            |            |            |            |            |            |            |            |            |              |
| <b>DONOR STATE</b>                                       | <b>CAUSE OF DEATH</b> | <b>89</b>  | <b>90</b>  | <b>91</b>  | <b>92</b>  | <b>93</b>  | <b>94</b> | <b>95</b>  | <b>96</b>  | <b>97</b>  | <b>98</b>  | <b>99</b> | <b>00</b>  | <b>01</b>  | <b>02</b>  | <b>03</b>  | <b>04</b>  | <b>05</b>  | <b>06</b>  | <b>07</b>  | <b>08</b>  | <b>09</b>  | <b>10</b>  | <b>11</b>  | <b>12</b>  | <b>TOTAL</b> |
| NT   | CVA                   | 0          | 0          | 0          | 0          | 0          | 1         | 1          | 0          | 1          | 1          | 0         | 0          | 1          | 1          | 1          | 0          | 1          | 0          | 1          | 0          | 0          | 1          | 1          | 5          | <b>16</b>    |
| NT   | TRAUMA-ROAD           | 1          | 0          | 1          | 0          | 2          | 0         | 0          | 2          | 1          | 0          | 2         | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | <b>13</b>    |
| NT   | TRAUMA-NON ROAD       | 1          | 1          | 0          | 0          | 0          | 0         | 0          | 1          | 1          | 1          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | <b>7</b>     |
| NT   | HYPOXIA-ANOXIA        | 0          | 0          | 0          | 0          | 1          | 0         | 0          | 0          | 0          | 1          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>2</b>     |
| NT   | CEREBRAL TUMOUR       | 0          | 0          | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>0</b>     |
| NT   | OTHER                 | 0          | 0          | 0          | 0          | 0          | 0         | 0          | 0          | 1          | 0          | 1         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | <b>3</b>     |
| <b>NT</b>  | <b>TOTAL</b>          | <b>2</b>   | <b>1</b>   | <b>1</b>   | <b>0</b>   | <b>3</b>   | <b>1</b>  | <b>1</b>   | <b>3</b>   | <b>4</b>   | <b>3</b>   | <b>3</b>  | <b>0</b>   | <b>2</b>   | <b>1</b>   | <b>1</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>2</b>   | <b>2</b>   | <b>2</b>   | <b>5</b>   | <b>41</b>    |
| WA   | CVA                   | 4          | 2          | 6          | 1          | 3          | 1         | 7          | 2          | 2          | 1          | 2         | 4          | 2          | 2          | 2          | 6          | 10         | 6          | 5          | 6          | 9          | 7          | 7          | 5          | <b>102</b>   |
| WA   | TRAUMA-ROAD           | 4          | 4          | 8          | 5          | 6          | 4         | 6          | 2          | 2          | 5          | 4         | 4          | 3          | 4          | 4          | 3          | 6          | 3          | 1          | 4          | 5          | 2          | 3          | 6          | <b>98</b>    |
| WA   | TRAUMA-NON ROAD       | 0          | 0          | 1          | 0          | 0          | 0         | 0          | 0          | 1          | 1          | 3         | 1          | 1          | 2          | 5          | 1          | 3          | 3          | 3          | 2          | 0          | 1          | 3          | 5          | <b>36</b>    |
| WA   | HYPOXIA-ANOXIA        | 0          | 0          | 0          | 0          | 0          | 0         | 0          | 1          | 0          | 0          | 0         | 1          | 1          | 0          | 1          | 0          | 0          | 1          | 3          | 1          | 1          | 1          | 2          | 1          | <b>14</b>    |
| WA   | CEREBRAL TUMOUR       | 0          | 0          | 0          | 1          | 0          | 0         | 0          | 0          | 0          | 0          | 0         | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | <b>3</b>     |
| WA   | OTHER                 | 2          | 0          | 2          | 0          | 1          | 0         | 0          | 0          | 0          | 1          | 0         | 0          | 0          | 1          | 0          | 3          | 1          | 0          | 0          | 2          | 0          | 3          | 3          | 2          | <b>21</b>    |
| <b>WA</b>  | <b>TOTAL</b>          | <b>10</b>  | <b>6</b>   | <b>17</b>  | <b>7</b>   | <b>10</b>  | <b>5</b>  | <b>13</b>  | <b>5</b>   | <b>5</b>   | <b>8</b>   | <b>9</b>  | <b>11</b>  | <b>7</b>   | <b>9</b>   | <b>12</b>  | <b>13</b>  | <b>21</b>  | <b>13</b>  | <b>12</b>  | <b>15</b>  | <b>15</b>  | <b>14</b>  | <b>18</b>  | <b>19</b>  | <b>274</b>   |
| AUST   | CVA                   | 45         | 45         | 49         | 45         | 53         | 43        | 53         | 35         | 65         | 48         | 40        | 45         | 58         | 64         | 44         | 65         | 48         | 53         | 42         | 65         | 58         | 83         | 76         | 82         | <b>1304</b>  |
| AUST   | TRAUMA-ROAD           | 56         | 50         | 49         | 48         | 39         | 34        | 43         | 39         | 29         | 27         | 27        | 29         | 32         | 34         | 31         | 23         | 26         | 21         | 26         | 25         | 24         | 29         | 23         | 32         | <b>796</b>   |
| AUST   | TRAUMA-NON ROAD       | 25         | 31         | 19         | 24         | 24         | 13        | 16         | 25         | 17         | 17         | 14        | 20         | 12         | 16         | 19         | 20         | 19         | 8          | 18         | 27         | 24         | 23         | 25         | 32         | <b>488</b>   |
| AUST   | HYPOXIA-ANOXIA        | 2          | 3          | 3          | 4          | 4          | 2         | 2          | 8          | 3          | 6          | 5         | 9          | 11         | 11         | 7          | 14         | 10         | 14         | 15         | 23         | 26         | 27         | 36         | 33         | <b>278</b>   |
| AUST   | CEREBRAL TUMOUR       | 1          | 2          | 2          | 3          | 0          | 2         | 4          | 3          | 2          | 4          | 1         | 2          | 0          | 0          | 0          | 1          | 2          | 1          | 0          | 0          | 1          | 1          | 0          | 0          | <b>32</b>    |
| AUST   | OTHER                 | 8          | 8          | 8          | 9          | 6          | 1         | 2          | 3          | 4          | 7          | 7         | 7          | 6          | 7          | 4          | 10         | 6          | 8          | 9          | 14         | 11         | 20         | 25         | 22         | <b>212</b>   |
| <b>AUST</b>  | <b>TOTAL</b>          | <b>137</b> | <b>139</b> | <b>130</b> | <b>133</b> | <b>126</b> | <b>95</b> | <b>120</b> | <b>113</b> | <b>120</b> | <b>109</b> | <b>94</b> | <b>112</b> | <b>119</b> | <b>132</b> | <b>105</b> | <b>133</b> | <b>111</b> | <b>105</b> | <b>110</b> | <b>154</b> | <b>144</b> | <b>183</b> | <b>185</b> | <b>201</b> | <b>3110</b>  |



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**Table 6.0**

| <b>ORGANS REQUESTED BY DONOR STATE</b><br><b>1 JAN 2008 - 31 DEC 2012</b> |              |            |            |           |            |           |            |           |            |             |
|---|--------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| ORGAN REQUESTED   | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
| KIDNEYS   | 2008         | 48         | 56         | 5         | 66         | 8         | 43         | 3         | 27         | 256         |
|   | 2009         | 46         | 66         | 7         | 64         | 5         | 31         | 2         | 19         | 240         |
|   | 2010         | 49         | 88         | 10        | 96         | 10        | 31         | 2         | 22         | 308         |
|   | 2011         | 67         | 74         | 8         | 103        | 6         | 34         | 4         | 33         | 329         |
|   | 2012         | 77         | 87         | 11        | 88         | 14        | 28         | 8         | 32         | 345         |
|   | <b>TOTAL</b> | <b>287</b> | <b>371</b> | <b>41</b> | <b>417</b> | <b>43</b> | <b>167</b> | <b>19</b> | <b>133</b> | <b>1478</b> |
| LIVER   | 2008         | 43         | 54         | 5         | 65         | 8         | 41         | 3         | 27         | 246         |
|   | 2009         | 43         | 65         | 8         | 60         | 5         | 32         | 2         | 19         | 234         |
|   | 2010         | 36         | 83         | 10        | 92         | 8         | 30         | 2         | 21         | 282         |
|   | 2011         | 52         | 71         | 8         | 99         | 6         | 30         | 3         | 26         | 295         |
|   | 2012         | 74         | 84         | 11        | 89         | 14        | 26         | 7         | 29         | 334         |
|   | <b>TOTAL</b> | <b>248</b> | <b>357</b> | <b>42</b> | <b>405</b> | <b>41</b> | <b>159</b> | <b>17</b> | <b>122</b> | <b>1391</b> |
| HEART   | 2008         | 46         | 42         | 4         | 61         | 8         | 28         | 2         | 22         | 213         |
|   | 2009         | 43         | 55         | 4         | 59         | 5         | 21         | 2         | 12         | 201         |
|   | 2010         | 43         | 69         | 9         | 83         | 8         | 21         | 2         | 15         | 250         |
|   | 2011         | 61         | 53         | 4         | 68         | 4         | 20         | 2         | 24         | 236         |
|   | 2012         | 69         | 66         | 5         | 64         | 10        | 20         | 4         | 20         | 258         |
|   | <b>TOTAL</b> | <b>262</b> | <b>285</b> | <b>26</b> | <b>335</b> | <b>35</b> | <b>110</b> | <b>12</b> | <b>93</b>  | <b>1158</b> |
| LUNGS   | 2008         | 43         | 51         | 5         | 60         | 7         | 30         | 2         | 23         | 221         |
|   | 2009         | 44         | 59         | 6         | 51         | 5         | 21         | 2         | 15         | 203         |
|   | 2010         | 45         | 77         | 9         | 88         | 6         | 26         | 2         | 17         | 270         |
|   | 2011         | 64         | 66         | 6         | 98         | 6         | 25         | 3         | 29         | 297         |
|   | 2012         | 73         | 78         | 10        | 82         | 11        | 25         | 7         | 25         | 311         |
|   | <b>TOTAL</b> | <b>269</b> | <b>331</b> | <b>36</b> | <b>379</b> | <b>35</b> | <b>127</b> | <b>16</b> | <b>109</b> | <b>1302</b> |
| PANCREAS  | 2008         | 41         | 49         | 4         | 66         | 8         | 38         | 3         | 20         | 229         |
|   | 2009         | 38         | 56         | 7         | 61         | 5         | 30         | 2         | 12         | 211         |
|   | 2010         | 34         | 71         | 9         | 90         | 10        | 26         | 2         | 15         | 257         |
|   | 2011         | 46         | 53         | 5         | 97         | 6         | 31         | 3         | 23         | 264         |
|   | 2012         | 54         | 67         | 5         | 82         | 13        | 21         | 5         | 19         | 266         |
|   | <b>TOTAL</b> | <b>213</b> | <b>296</b> | <b>30</b> | <b>396</b> | <b>42</b> | <b>146</b> | <b>15</b> | <b>89</b>  | <b>1227</b> |
| INTESTINES  | 2008         | 0          | 0          | 0         | 40         | 5         | 0          | 0         | 0          | 45          |
|   | 2009         | 0          | 0          | 0         | 32         | 4         | 0          | 0         | 0          | 36          |
|   | 2010         | 0          | 0          | 0         | 50         | 5         | 0          | 0         | 0          | 55          |
|   | 2011         | 0          | 0          | 0         | 36         | 3         | 0          | 0         | 0          | 39          |
|   | 2012         | 3          | 1          | 0         | 32         | 4         | 0          | 0         | 0          | 40          |
|   | <b>TOTAL</b> | <b>3</b>   | <b>1</b>   | <b>0</b>  | <b>190</b> | <b>21</b> | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>215</b>  |
| STOMACH-INTESTINES  | 2008         | 0          | 0          | 0         | 40         | 5         | 0          | 0         | 0          | 45          |
|   | 2009         | 0          | 0          | 0         | 31         | 4         | 0          | 0         | 0          | 35          |
|   | 2010         | 0          | 0          | 0         | 50         | 5         | 0          | 0         | 0          | 55          |
|   | 2011         | 0          | 0          | 0         | 36         | 3         | 0          | 0         | 0          | 39          |
|   | 2012         | 2          | 1          | 0         | 32         | 4         | 0          | 0         | 0          | 39          |
|   | <b>TOTAL</b> | <b>2</b>   | <b>1</b>   | <b>0</b>  | <b>189</b> | <b>21</b> | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>213</b>  |

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**Table 7.0**

**TISSUE REQUESTED BY DONOR STATE**  
**1 JAN 2008 - 31 DEC 2012**

| TISSUE REQUESTED | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT       | WA        | TOTAL       |
|------------------|--------------|------------|------------|-----------|------------|-----------|------------|----------|-----------|-------------|
| EYE-CORNEA       | 2008         | 39         | 53         | 4         | 61         | 8         | 35         | 0        | 17        | 217         |
|                  | 2009         | 43         | 60         | 4         | 60         | 4         | 28         | 0        | 12        | 211         |
|                  | 2010         | 42         | 79         | 7         | 86         | 9         | 26         | 0        | 17        | 266         |
|                  | 2011         | 58         | 67         | 8         | 93         | 6         | 32         | 0        | 22        | 286         |
|                  | 2012         | 67         | 75         | 10        | 82         | 13        | 25         | 0        | 24        | 296         |
|                  | <b>TOTAL</b> | <b>249</b> | <b>334</b> | <b>33</b> | <b>382</b> | <b>40</b> | <b>146</b> | <b>0</b> | <b>92</b> | <b>1276</b> |
| BONE             | 2008         | 37         | 21         | 0         | 28         | 0         | 5          | 0        | 9         | 100         |
|                  | 2009         | 38         | 30         | 0         | 39         | 1         | 0          | 0        | 4         | 112         |
|                  | 2010         | 39         | 45         | 0         | 66         | 1         | 0          | 0        | 9         | 160         |
|                  | 2011         | 56         | 35         | 0         | 71         | 0         | 0          | 0        | 17        | 179         |
|                  | 2012         | 65         | 66         | 2         | 64         | 0         | 0          | 0        | 17        | 214         |
|                  | <b>TOTAL</b> | <b>235</b> | <b>197</b> | <b>2</b>  | <b>268</b> | <b>2</b>  | <b>5</b>   | <b>0</b> | <b>56</b> | <b>765</b>  |
| HEART VALVES     | 2008         | 45         | 43         | 5         | 63         | 6         | 27         | 1        | 11        | 201         |
|                  | 2009         | 45         | 54         | 4         | 57         | 5         | 21         | 2        | 6         | 194         |
|                  | 2010         | 43         | 70         | 9         | 80         | 6         | 23         | 0        | 10        | 241         |
|                  | 2011         | 64         | 54         | 5         | 69         | 4         | 21         | 1        | 16        | 234         |
|                  | 2012         | 67         | 68         | 5         | 65         | 10        | 20         | 3        | 11        | 249         |
|                  | <b>TOTAL</b> | <b>264</b> | <b>289</b> | <b>28</b> | <b>334</b> | <b>31</b> | <b>112</b> | <b>7</b> | <b>54</b> | <b>1119</b> |

**Table 8.0**

**REASONS ORGANS AND TISSUE NOT REQUESTED BY DONOR STATE  
1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT REQUESTED | REASON NOT REQUESTED         | QLD       | NSW        | ACT      | VIC        | TAS       | SA        | NT       | WA        | TOTAL      |
|---------------------|------------------------------|-----------|------------|----------|------------|-----------|-----------|----------|-----------|------------|
| <b>KIDNEYS</b>      | AGE OF DONOR                 | 1         | 3          | 0        | 3          | 0         | 3         | 0        | 1         | 11         |
|                     | DCD DONOR-LUNG PROTOCOL ONLY | 0         | 0          | 0        | 3          | 0         | 0         | 0        | 0         | 3          |
|                     | DISEASE OF ORGAN             | 1         | 9          | 1        | 12         | 1         | 5         | 1        | 3         | 33         |
|                     | DONOR REFUSAL                | 0         | 1          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | FAMILY REFUSAL               | 0         | 0          | 0        | 2          | 0         | 0         | 0        | 0         | 2          |
|                     | HCV POSITIVE                 | 0         | 1          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | HEPATITIS C                  | 0         | 1          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | HEPATITIS C POSITIVE         | 0         | 2          | 1        | 0          | 0         | 0         | 0        | 0         | 3          |
|                     | IV DRUG USE                  | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | IV DRUG USER                 | 0         | 0          | 0        | 0          | 1         | 0         | 0        | 0         | 1          |
|                     | MEDICALLY UNSUITABLE         | 1         | 0          | 0        | 0          | 0         | 1         | 0        | 0         | 2          |
|                     | PAST HISTORY RENAL FAILURE   | 0         | 1          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | POSITIVE SEROLOGY            | 0         | 1          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | PREVIOUS RENAL TRANSPLANT    | 0         | 2          | 0        | 0          | 0         | 0         | 0        | 0         | 2          |
|                     | PRIOR FAMILY REQUEST         | 1         | 1          | 0        | 1          | 0         | 0         | 0        | 0         | 3          |
|                     | SOCIAL RISK FACTORS          | 0         | 1          | 0        | 0          | 0         | 1         | 0        | 0         | 2          |
|                     | TRAUMA TO ORGAN              | 0         | 0          | 0        | 1          | 0         | 2         | 0        | 0         | 3          |
|                     | <b>TOTAL</b>                 | <b>4</b>  | <b>23</b>  | <b>2</b> | <b>23</b>  | <b>2</b>  | <b>12</b> | <b>1</b> | <b>4</b>  | <b>71</b>  |
| <b>LIVER</b>        | AGE OF DONOR                 | 7         | 53         | 2        | 32         | 2         | 18        | 1        | 1         | 116        |
|                     | BIOCHEMISTRY                 | 0         | 0          | 0        | 0          | 0         | 1         | 0        | 0         | 1          |
|                     | CORONER REFUSAL              | 1         | 0          | 0        | 0          | 0         | 0         | 0        | 0         | 1          |
|                     | DCD DONOR-LUNG PROTOCOL ONLY | 0         | 0          | 0        | 3          | 0         | 0         | 0        | 0         | 3          |
|                     | DISEASE OF ORGAN             | 2         | 10         | 0        | 26         | 1         | 15        | 1        | 6         | 61         |
|                     | DONATION AFTER CARDIAC DEATH | 37        | 24         | 0        | 2          | 0         | 9         | 1        | 10        | 83         |
|                     | DONOR REFUSAL                | 0         | 4          | 0        | 0          | 0         | 1         | 0        | 1         | 6          |
|                     | DONOR UNSTABLE               | 0         | 1          | 0        | 0          | 0         | 6         | 0        | 1         | 8          |
|                     | FAMILY REFUSAL               | 0         | 7          | 1        | 3          | 0         | 1         | 1        | 2         | 15         |
|                     | FAMILY-IMMEDIATE WITHDRAWAL  | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | IMMINENT CARDIAC ARREST      | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | LOGISTICS                    | 0         | 0          | 0        | 2          | 0         | 0         | 0        | 1         | 3          |
|                     | MARGINAL DONOR               | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | MEDICALLY UNSUITABLE         | 2         | 5          | 0        | 6          | 3         | 2         | 0        | 0         | 18         |
|                     | NO SUITABLE RECIPIENT        | 0         | 1          | 0        | 4          | 0         | 3         | 0        | 0         | 8          |
|                     | PAST HISTORY MALIGNANCY      | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | PRIOR FAMILY REQUEST         | 2         | 4          | 1        | 8          | 3         | 4         | 1        | 1         | 24         |
|                     | PROLONGED ISCHAEMIC TIME     | 0         | 0          | 0        | 0          | 0         | 0         | 1        | 0         | 1          |
|                     | RAPID RETRIEVAL              | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | SOCIAL RISK FACTORS          | 0         | 0          | 0        | 0          | 0         | 1         | 0        | 0         | 1          |
|                     | STAFF OVERSIGHT              | 0         | 0          | 0        | 0          | 0         | 2         | 1        | 0         | 3          |
|                     | STAFF RELUCTANCE             | 0         | 1          | 0        | 0          | 0         | 1         | 0        | 3         | 5          |
|                     | SURGICALLY UNSUITABLE        | 0         | 0          | 0        | 1          | 0         | 0         | 0        | 0         | 1          |
|                     | TRAUMA TO ORGAN              | 0         | 3          | 0        | 5          | 2         | 7         | 0        | 0         | 17         |
|                     | UNKNOWN                      | 0         | 13         | 0        | 3          | 0         | 0         | 0        | 20        | 36         |
|                     | <b>TOTAL</b>                 | <b>51</b> | <b>126</b> | <b>4</b> | <b>100</b> | <b>11</b> | <b>71</b> | <b>7</b> | <b>46</b> | <b>416</b> |

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**Table 8.0 Cont.**

## REASONS ORGANS AND TISSUE NOT REQUESTED BY DONOR STATE 1 JAN 1989 - 31 DEC 2012

| ORGAN NOT REQUESTED | REASON NOT REQUESTED         | QLD       | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL      |
|---------------------|------------------------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|------------|
| HEART               | AGE OF DONOR                 | 26        | 181        | 16        | 122        | 8         | 91         | 8         | 40         | 492        |
|                     | CORONER REFUSAL              | 6         | 8          | 2         | 0          | 0         | 4          | 0         | 5          | 25         |
|                     | DCD DONOR-LUNG PROTOCOL ONLY | 0         | 0          | 0         | 3          | 0         | 0          | 0         | 0          | 3          |
|                     | DISEASE OF ORGAN             | 12        | 19         | 1         | 23         | 2         | 40         | 2         | 19         | 118        |
|                     | DONATION AFTER CARDIAC DEATH | 16        | 37         | 3         | 17         | 0         | 16         | 1         | 7          | 97         |
|                     | DONOR REFUSAL                | 0         | 5          | 1         | 0          | 0         | 1          | 0         | 0          | 7          |
|                     | DONOR UNSTABLE               | 0         | 1          | 0         | 1          | 0         | 2          | 0         | 0          | 4          |
|                     | FAMILY REFUSAL               | 0         | 13         | 1         | 9          | 0         | 5          | 1         | 1          | 30         |
|                     | HCV POSITIVE                 | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | HEPATITIS C                  | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | HEPATITIS C POSITIVE         | 0         | 2          | 1         | 1          | 0         | 0          | 0         | 0          | 4          |
|                     | IMMINENT CARDIAC ARREST      | 0         | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1          |
|                     | IV DRUG USER                 | 0         | 0          | 0         | 0          | 1         | 0          | 0         | 0          | 1          |
|                     | LOGISTICS                    | 0         | 1          | 0         | 2          | 0         | 0          | 0         | 1          | 4          |
|                     | MEDICALLY UNSUITABLE         | 1         | 2          | 0         | 4          | 0         | 3          | 0         | 1          | 11         |
|                     | NO SUITABLE RECIPIENT        | 2         | 1          | 0         | 3          | 0         | 0          | 0         | 0          | 6          |
|                     | PATHOLOGIST REFUSAL          | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | POSITIVE SEROLOGY            | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | PREVIOUS HEART TRANSPLANT    | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | PRIOR FAMILY REQUEST         | 4         | 7          | 1         | 10         | 4         | 7          | 1         | 6          | 40         |
|                     | SOCIAL RISK FACTORS          | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | STAFF OVERSIGHT              | 0         | 0          | 0         | 0          | 0         | 2          | 0         | 0          | 2          |
|                     | STAFF RELUCTANCE             | 0         | 2          | 0         | 0          | 0         | 1          | 0         | 1          | 4          |
|                     | TRAUMA TO ORGAN              | 2         | 7          | 1         | 5          | 1         | 14         | 0         | 4          | 34         |
|                     | UNDIAGNOSED BRAIN TUMOUR     | 0         | 0          | 0         | 0          | 0         | 1          | 0         | 0          | 1          |
|                     | UNKNOWN                      | 0         | 11         | 0         | 3          | 0         | 0          | 0         | 23         | 37         |
|                     | <b>TOTAL</b>                 | <b>69</b> | <b>303</b> | <b>27</b> | <b>204</b> | <b>16</b> | <b>187</b> | <b>13</b> | <b>108</b> | <b>927</b> |
| LUNGS               | ABNORMAL ABG                 | 0         | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1          |
|                     | AGE OF DONOR                 | 36        | 152        | 10        | 104        | 4         | 104        | 2         | 37         | 449        |
|                     | CORONER REFUSAL              | 6         | 7          | 1         | 0          | 0         | 3          | 0         | 3          | 20         |
|                     | DISEASE OF ORGAN             | 14        | 27         | 1         | 30         | 6         | 44         | 2         | 14         | 138        |
|                     | DONATION AFTER CARDIAC DEATH | 5         | 25         | 0         | 1          | 0         | 7          | 1         | 1          | 40         |
|                     | DONOR REFUSAL                | 0         | 5          | 1         | 0          | 0         | 1          | 0         | 0          | 7          |
|                     | DONOR UNSTABLE               | 0         | 1          | 0         | 3          | 0         | 6          | 0         | 1          | 11         |
|                     | FAMILY REFUSAL               | 2         | 9          | 1         | 7          | 0         | 1          | 1         | 3          | 24         |
|                     | HAEMODYNAMIC INSTABILITY     | 0         | 0          | 0         | 0          | 0         | 0          | 0         | 1          | 1          |
|                     | HCV POSITIVE                 | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | HEPATITIS C                  | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | HEPATITIS C POSITIVE         | 0         | 2          | 1         | 1          | 0         | 0          | 0         | 0          | 4          |
|                     | IV DRUG USER                 | 0         | 0          | 0         | 0          | 1         | 0          | 0         | 0          | 1          |
|                     | LOGISTICS                    | 6         | 1          | 0         | 23         | 1         | 3          | 1         | 1          | 36         |
|                     | MEDICALLY UNSUITABLE         | 3         | 6          | 0         | 3          | 2         | 5          | 0         | 2          | 21         |
|                     | NO SUITABLE RECIPIENT        | 2         | 2          | 0         | 11         | 0         | 3          | 0         | 0          | 18         |
|                     | PAST HISTORY MALIGNANCY      | 1         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | POSITIVE SEROLOGY            | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | PREVIOUS LUNG RECIPIENT      | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | PREVIOUS LUNG TRANSPLANT     | 0         | 0          | 0         | 1          | 0         | 0          | 0         | 1          | 2          |
|                     | PRIOR FAMILY REQUEST         | 7         | 8          | 1         | 8          | 3         | 6          | 1         | 5          | 39         |
|                     | SOCIAL RISK FACTORS          | 0         | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1          |
|                     | STAFF OVERSIGHT              | 8         | 2          | 0         | 0          | 0         | 3          | 0         | 2          | 15         |
|                     | STAFF RELUCTANCE             | 3         | 2          | 0         | 0          | 0         | 1          | 0         | 2          | 8          |
|                     | TEAM NOT AVAILABLE           | 0         | 0          | 0         | 0          | 0         | 0          | 1         | 0          | 1          |
|                     | TRAUMA TO ORGAN              | 4         | 15         | 1         | 16         | 3         | 26         | 1         | 16         | 82         |
|                     | UNDIAGNOSED BRAIN TUMOUR     | 0         | 0          | 0         | 0          | 0         | 1          | 0         | 0          | 1          |
|                     | UNKNOWN                      | 0         | 20         | 0         | 8          | 0         | 0          | 0         | 32         | 60         |
|                     | <b>TOTAL</b>                 | <b>97</b> | <b>289</b> | <b>17</b> | <b>217</b> | <b>20</b> | <b>214</b> | <b>10</b> | <b>121</b> | <b>985</b> |

**Table 8.0 Cont.**

## REASONS ORGANS AND TISSUE NOT REQUESTED BY DONOR STATE

**1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT REQUESTED | REASON NOT REQUESTED         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
|---------------------|------------------------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| <b>PANCREAS</b>     | AGE OF DONOR                 | 77         | 223        | 18        | 189        | 9         | 135        | 7         | 42         | <b>700</b>  |
|                     | CORONER REFUSAL              | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | DCD DONOR-LUNG PROTOCOL ONLY | 0          | 0          | 0         | 3          | 0         | 0          | 0         | 0          | <b>3</b>    |
|                     | DISEASE OF ORGAN             | 11         | 24         | 1         | 14         | 1         | 16         | 1         | 6          | <b>74</b>   |
|                     | DONATION AFTER CARDIAC DEATH | 49         | 31         | 1         | 5          | 0         | 11         | 1         | 11         | <b>109</b>  |
|                     | DONOR REFUSAL                | 0          | 7          | 0         | 0          | 0         | 1          | 0         | 1          | <b>9</b>    |
|                     | DONOR UNSTABLE               | 0          | 0          | 0         | 0          | 0         | 5          | 0         | 0          | <b>5</b>    |
|                     | FAMILY REFUSAL               | 3          | 8          | 1         | 7          | 0         | 3          | 1         | 11         | <b>34</b>   |
|                     | HCV POSITIVE                 | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | HEPATITIS C                  | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | HEPATITIS C POSITIVE         | 0          | 2          | 1         | 1          | 0         | 0          | 0         | 0          | <b>4</b>    |
|                     | IMMINENT CARDIAC ARREST      | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | IV DRUG USE                  | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0          | <b>2</b>    |
|                     | IV DRUG USER                 | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0          | <b>1</b>    |
|                     | LOGISTICS                    | 16         | 5          | 0         | 49         | 4         | 77         | 17        | 119        | <b>287</b>  |
|                     | MEDICALLY UNSUITABLE         | 2          | 6          | 0         | 6          | 0         | 5          | 0         | 4          | <b>23</b>   |
|                     | NO SUITABLE RECIPIENT        | 0          | 1          | 0         | 28         | 9         | 22         | 1         | 1          | <b>62</b>   |
|                     | NOT REQUIRED                 | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | <b>1</b>    |
|                     | OBESITY                      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | <b>1</b>    |
|                     | PAST HISTORY RENAL FAILURE   | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | POSITIVE SEROLOGY            | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | PRIOR FAMILY REQUEST         | 12         | 9          | 1         | 9          | 3         | 10         | 1         | 6          | <b>51</b>   |
|                     | SOCIAL RISK FACTORS          | 0          | 1          | 0         | 0          | 0         | 1          | 0         | 0          | <b>2</b>    |
|                     | STAFF OVERSIGHT              | 18         | 5          | 0         | 30         | 4         | 25         | 0         | 4          | <b>86</b>   |
|                     | STAFF RELUCTANCE             | 4          | 2          | 0         | 4          | 0         | 4          | 0         | 3          | <b>17</b>   |
|                     | TEAM NOT AVAILABLE           | 0          | 0          | 0         | 1          | 0         | 1          | 0         | 1          | <b>3</b>    |
|                     | TRAUMA TO ORGAN              | 2          | 2          | 0         | 3          | 1         | 6          | 0         | 1          | <b>15</b>   |
|                     | TYPE 1 DIABETIC              | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | UNDIAGNOSED BRAIN TUMOUR     | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | <b>1</b>    |
|                     | UNKNOWN                      | 0          | 22         | 0         | 4          | 0         | 1          | 0         | 28         | <b>55</b>   |
|                     | <b>TOTAL</b>                 | <b>195</b> | <b>352</b> | <b>23</b> | <b>357</b> | <b>32</b> | <b>324</b> | <b>29</b> | <b>240</b> | <b>1552</b> |
| <b>INTESTINES</b>   | AGE OF DONOR                 | 0          | 2          | 0         | 138        | 13        | 1          | 0         | 1          | <b>155</b>  |
|                     | CARDIAC ARREST               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | DISEASE OF ORGAN             | 0          | 0          | 0         | 4          | 1         | 0          | 0         | 0          | <b>5</b>    |
|                     | DONATION AFTER CARDIAC DEATH | 9          | 0          | 0         | 50         | 0         | 0          | 0         | 1          | <b>60</b>   |
|                     | DONOR REFUSAL                | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | DONOR UNSTABLE               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | FAMILY REFUSAL               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | HEPATITIS C POSITIVE         | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | HIGH RISK BEHAVIOUR          | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | INITIAL DCD PATHWAY          | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | IV DRUG USE                  | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0          | <b>2</b>    |
|                     | IV DRUG USER                 | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0          | <b>1</b>    |
|                     | KIDNEY ONLY DONOR            | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | LOGISTICS                    | 277        | 376        | 43        | 7          | 2         | 170        | 19        | 132        | <b>1026</b> |
|                     | MEDICALLY UNSUITABLE         | 0          | 0          | 0         | 4          | 1         | 0          | 0         | 0          | <b>5</b>    |
|                     | NO SUITABLE RECIPIENT        | 0          | 0          | 0         | 15         | 5         | 0          | 0         | 0          | <b>20</b>   |
|                     | PRIOR FAMILY REQUEST         | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | SIZE OF DONOR                | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | STAFF OVERSIGHT              | 0          | 0          | 0         | 5          | 0         | 0          | 0         | 0          | <b>5</b>    |
|                     | STAFF RELUCTANCE             | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | TEAM NOT AVAILABLE           | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|                     | <b>TOTAL</b>                 | <b>286</b> | <b>379</b> | <b>43</b> | <b>236</b> | <b>23</b> | <b>171</b> | <b>19</b> | <b>134</b> | <b>1291</b> |

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**Table 8.0 Cont.**

## REASONS ORGANS AND TISSUE NOT REQUESTED BY DONOR STATE 1 JAN 1989 - 31 DEC 2012

| ORGAN NOT REQUESTED | REASON NOT REQUESTED           | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
|---------------------|--------------------------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| STOMACH-INTESTINES  | AGE OF DONOR                   | 0          | 2          | 0         | 138        | 13        | 1          | 0         | 1          | 155         |
|                     | CARDIAC ARREST                 | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | DISEASE OF ORGAN               | 0          | 0          | 0         | 4          | 1         | 0          | 0         | 0          | 5           |
|                     | DONATION AFTER CARDIAC DEATH   | 9          | 0          | 0         | 50         | 0         | 0          | 0         | 1          | 60          |
|                     | DONOR REFUSAL                  | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | DONOR UNSTABLE                 | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | FAMILY REFUSAL                 | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | HEPATITIS C POSITIVE           | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | HIGH RISK BEHAVIOUR            | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | INITIAL DCD PATHWAY            | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | IV DRUG USE                    | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0          | 2           |
|                     | IV DRUG USER                   | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0          | 1           |
|                     | KIDNEY ONLY DONOR              | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | LOGISTICS                      | 278        | 375        | 43        | 7          | 2         | 170        | 19        | 132        | 1026        |
|                     | MEDICALLY UNSUITABLE           | 0          | 0          | 0         | 4          | 1         | 0          | 0         | 0          | 5           |
|                     | NO SUITABLE RECIPIENT          | 0          | 0          | 0         | 15         | 5         | 0          | 0         | 0          | 20          |
|                     | PRIOR FAMILY REQUEST           | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | SIZE OF DONOR                  | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | STAFF OVERSIGHT                | 0          | 0          | 0         | 6          | 0         | 0          | 0         | 0          | 6           |
|                     | STAFF RELUCTANCE               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | TEAM NOT AVAILABLE             | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | <b>TOTAL</b>                   | <b>287</b> | <b>378</b> | <b>43</b> | <b>237</b> | <b>23</b> | <b>171</b> | <b>19</b> | <b>134</b> | <b>1292</b> |
| EYE-CORNEA          | AGE OF DONOR                   | 10         | 5          | 0         | 10         | 0         | 7          | 0         | 12         | 44          |
|                     | CORONER REFUSAL                | 4          | 11         | 2         | 0          | 1         | 2          | 0         | 11         | 31          |
|                     | DISEASE OF ORGAN               | 2          | 12         | 3         | 8          | 1         | 11         | 2         | 7          | 46          |
|                     | DISTANCE                       | 12         | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 12          |
|                     | DONATION AFTER CARDIAC DEATH   | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 1          | 2           |
|                     | DONOR REFUSAL                  | 0          | 18         | 2         | 6          | 1         | 3          | 0         | 6          | 36          |
|                     | EXCLUSION CRITERIA             | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 4          | 5           |
|                     | EYE BANK CLOSED                | 0          | 0          | 0         | 0          | 0         | 2          | 0         | 0          | 2           |
|                     | EYE BANK DO NOT REQUIRE TISSUE | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | FAMILY REFUSAL                 | 11         | 58         | 7         | 31         | 4         | 48         | 2         | 21         | 182         |
|                     | HAEMODILUTION                  | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | 1           |
|                     | HCV POSITIVE                   | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | HEPATITIS C                    | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | HEPATITIS C POSITIVE           | 0          | 1          | 1         | 1          | 0         | 0          | 0         | 0          | 3           |
|                     | HIGH RISK BEHAVIOUR            | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 3          | 3           |
|                     | INFECTION                      | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | IV DRUG USE                    | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0          | 2           |
|                     | IV DRUG USER                   | 0          | 0          | 0         | 1          | 1         | 0          | 0         | 0          | 2           |
|                     | LOGISTICS                      | 25         | 8          | 1         | 7          | 3         | 5          | 42        | 3          | 94          |
|                     | MEDICALLY UNSUITABLE           | 6          | 4          | 0         | 2          | 1         | 1          | 0         | 14         | 28          |
|                     | NO PRE DILUTION BLOOD SPECIMEN | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 2          | 2           |
|                     | NO SERVICE                     | 0          | 2          | 0         | 0          | 0         | 0          | 0         | 0          | 2           |
|                     | NO SUITABLE RECIPIENT          | 0          | 0          | 0         | 2          | 3         | 1          | 0         | 0          | 6           |
|                     | PATHOLOGIST REFUSAL            | 1          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 2           |
|                     | POSITIVE SEROLOGY              | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 1          | 2           |
|                     | PREVIOUS LUNG RECIPIENT        | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | PRIOR FAMILY REQUEST           | 16         | 33         | 2         | 52         | 6         | 32         | 2         | 18         | 161         |
|                     | RECENT EYE SURGERY             | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | 1           |
|                     | SOCIAL RISK FACTORS            | 0          | 1          | 0         | 0          | 0         | 2          | 0         | 6          | 9           |
|                     | STAFF OVERSIGHT                | 12         | 8          | 0         | 5          | 1         | 18         | 0         | 1          | 45          |
|                     | STAFF RELUCTANCE               | 4          | 2          | 0         | 1          | 0         | 12         | 0         | 0          | 19          |
|                     | TEAM NOT AVAILABLE             | 1          | 0          | 0         | 0          | 0         | 1          | 1         | 0          | 3           |
|                     | TRAUMA TO ORGAN                | 1          | 4          | 1         | 5          | 1         | 23         | 1         | 4          | 40          |
|                     | UNDIAGNOSED BRAIN TUMOUR       | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | 1           |
|                     | UNKNOWN                        | 0          | 11         | 0         | 1          | 0         | 2          | 0         | 16         | 30          |
|                     | <b>TOTAL</b>                   | <b>107</b> | <b>185</b> | <b>19</b> | <b>134</b> | <b>23</b> | <b>171</b> | <b>50</b> | <b>132</b> | <b>821</b>  |



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**Table 8.0 Cont.**

**REASONS ORGANS AND TISSUE NOT REQUESTED BY DONOR STATE**  
**1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT REQUESTED | REASON NOT REQUESTED           | QLD        | NSW         | ACT        | VIC        | TAS        | SA         | NT        | WA         | TOTAL       |
|---------------------|--------------------------------|------------|-------------|------------|------------|------------|------------|-----------|------------|-------------|
| <b>BONE</b>         | AGE OF DONOR                   | 63         | 69          | 3          | 127        | 7          | 88         | 1         | 87         | <b>445</b>  |
|                     | CORONER REFUSAL                | 1          | 2           | 0          | 0          | 0          | 1          | 0         | 7          | <b>11</b>   |
|                     | DISEASE OF ORGAN               | 3          | 3           | 1          | 1          | 0          | 6          | 0         | 10         | <b>24</b>   |
|                     | DISTANCE                       | 14         | 0           | 0          | 0          | 0          | 0          | 0         | 0          | <b>14</b>   |
|                     | DONATION AFTER CARDIAC DEATH   | 0          | 2           | 0          | 0          | 0          | 0          | 0         | 0          | <b>2</b>    |
|                     | DONOR REFUSAL                  | 1          | 14          | 2          | 0          | 0          | 6          | 0         | 2          | <b>25</b>   |
|                     | EXCLUSION CRITERIA             | 0          | 1           | 0          | 0          | 0          | 0          | 0         | 7          | <b>8</b>    |
|                     | FAMILY REFUSAL                 | 6          | 22          | 0          | 19         | 0          | 42         | 1         | 19         | <b>109</b>  |
|                     | HAEMODILUTION                  | 0          | 0           | 0          | 0          | 0          | 0          | 0         | 1          | <b>1</b>    |
|                     | HCV POSITIVE                   | 0          | 1           | 0          | 0          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | HEPATITIS C                    | 0          | 1           | 0          | 0          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | HEPATITIS C POSITIVE           | 0          | 0           | 0          | 1          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | HIGH RISK BEHAVIOUR            | 0          | 0           | 0          | 4          | 0          | 0          | 0         | 3          | <b>7</b>    |
|                     | INFECTION                      | 1          | 1           | 0          | 1          | 0          | 0          | 0         | 2          | <b>5</b>    |
|                     | IV DRUG USE                    | 0          | 0           | 0          | 2          | 0          | 0          | 0         | 0          | <b>2</b>    |
|                     | IV DRUG USER                   | 0          | 0           | 0          | 1          | 1          | 0          | 0         | 0          | <b>2</b>    |
|                     | LOGISTICS                      | 65         | 1114        | 117        | 660        | 88         | 196        | 52        | 47         | <b>2339</b> |
|                     | MEDICALLY UNSUITABLE           | 7          | 7           | 0          | 22         | 0          | 4          | 0         | 39         | <b>79</b>   |
|                     | NO AUTOPSY                     | 0          | 0           | 0          | 2          | 0          | 0          | 0         | 0          | <b>2</b>    |
|                     | NO PRE DILUTION BLOOD SPECIMEN | 0          | 0           | 0          | 0          | 0          | 0          | 0         | 2          | <b>2</b>    |
|                     | NO SERVICE                     | 0          | 2           | 0          | 0          | 0          | 0          | 0         | 0          | <b>2</b>    |
|                     | NO SUITABLE RECIPIENT          | 0          | 0           | 0          | 2          | 0          | 0          | 0         | 0          | <b>2</b>    |
|                     | PAST HISTORY MALIGNANCY        | 1          | 0           | 0          | 2          | 0          | 0          | 0         | 0          | <b>3</b>    |
|                     | PATHOLOGIST REFUSAL            | 0          | 1           | 0          | 0          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | POSITIVE SEROLOGY              | 0          | 0           | 0          | 0          | 0          | 0          | 0         | 1          | <b>1</b>    |
|                     | PREVIOUS LUNG RECIPIENT        | 0          | 1           | 0          | 0          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | PRIOR FAMILY REQUEST           | 17         | 9           | 1          | 24         | 4          | 23         | 1         | 8          | <b>87</b>   |
|                     | RISK OF INFECTION              | 0          | 0           | 0          | 1          | 0          | 0          | 0         | 0          | <b>1</b>    |
|                     | SOCIAL RISK FACTORS            | 0          | 1           | 0          | 0          | 0          | 2          | 0         | 6          | <b>9</b>    |
|                     | STAFF OVERSIGHT                | 26         | 8           | 0          | 19         | 0          | 34         | 1         | 2          | <b>90</b>   |
|                     | STAFF RELUCTANCE               | 6          | 3           | 0          | 3          | 0          | 52         | 0         | 3          | <b>67</b>   |
|                     | TEAM NOT AVAILABLE             | 0          | 0           | 0          | 0          | 0          | 3          | 0         | 0          | <b>3</b>    |
|                     | TRAUMA TO ORGAN                | 2          | 3           | 0          | 1          | 0          | 7          | 0         | 8          | <b>21</b>   |
|                     | <b>TOTAL</b>                   | <b>213</b> | <b>1265</b> | <b>124</b> | <b>892</b> | <b>100</b> | <b>464</b> | <b>56</b> | <b>254</b> | <b>3368</b> |



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**Table 9.0**

**ORGAN AND TISSUE CONSENT NOT OBTAINED BY DONOR STATE  
1 JAN 2008 - 31 DEC 2012**

| CONSENT NOT OBTAINED | YEAR  | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | TOTAL |
|----------------------|-------|-----|-----|-----|-----|-----|----|----|----|-------|
| KIDNEYS              | 2008  | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1     |
|                      | 2009  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0     |
|                      | 2010  | 0   | 1   | 0   | 1   | 0   | 1  | 0  | 0  | 3     |
|                      | 2011  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1     |
|                      | 2012  | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1     |
|                      | TOTAL | 0   | 1   | 0   | 3   | 0   | 1  | 0  | 1  | 6     |
| LIVER                | 2008  | 0   | 0   | 0   | 1   | 0   | 1  | 0  | 0  | 2     |
|                      | 2009  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0     |
|                      | 2010  | 0   | 1   | 0   | 0   | 0   | 1  | 0  | 0  | 2     |
|                      | 2011  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0     |
|                      | 2012  | 0   | 0   | 0   | 3   | 0   | 0  | 1  | 1  | 5     |
|                      | TOTAL | 0   | 1   | 0   | 4   | 0   | 2  | 1  | 1  | 9     |
| HEART                | 2008  | 1   | 2   | 0   | 3   | 1   | 1  | 0  | 1  | 9     |
|                      | 2009  | 0   | 1   | 0   | 5   | 0   | 3  | 0  | 1  | 10    |
|                      | 2010  | 1   | 1   | 0   | 6   | 0   | 0  | 0  | 1  | 9     |
|                      | 2011  | 2   | 5   | 0   | 0   | 0   | 1  | 0  | 1  | 9     |
|                      | 2012  | 0   | 4   | 0   | 3   | 1   | 2  | 1  | 0  | 11    |
|                      | TOTAL | 4   | 13  | 0   | 17  | 2   | 7  | 1  | 4  | 48    |
| LUNGS                | 2008  | 0   | 2   | 0   | 0   | 0   | 0  | 0  | 2  | 4     |
|                      | 2009  | 0   | 1   | 0   | 1   | 0   | 2  | 0  | 1  | 5     |
|                      | 2010  | 0   | 0   | 0   | 2   | 0   | 0  | 0  | 0  | 2     |
|                      | 2011  | 1   | 0   | 0   | 1   | 0   | 0  | 0  | 2  | 4     |
|                      | 2012  | 1   | 1   | 0   | 1   | 0   | 2  | 1  | 0  | 6     |
|                      | TOTAL | 2   | 4   | 0   | 5   | 0   | 4  | 1  | 5  | 21    |
| PANCREAS             | 2008  | 0   | 2   | 0   | 1   | 0   | 0  | 0  | 1  | 4     |
|                      | 2009  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 1  | 1     |
|                      | 2010  | 1   | 2   | 0   | 1   | 0   | 0  | 0  | 1  | 5     |
|                      | 2011  | 2   | 0   | 0   | 2   | 0   | 0  | 0  | 1  | 5     |
|                      | 2012  | 0   | 1   | 0   | 3   | 0   | 2  | 0  | 2  | 8     |
|                      | TOTAL | 3   | 5   | 0   | 7   | 0   | 2  | 0  | 6  | 23    |
| INTESTINES           | 2008  | 0   | 0   | 0   | 8   | 1   | 0  | 0  | 0  | 9     |
|                      | 2009  | 0   | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 5     |
|                      | 2010  | 0   | 0   | 0   | 6   | 0   | 0  | 0  | 0  | 6     |
|                      | 2011  | 0   | 0   | 0   | 4   | 1   | 0  | 0  | 0  | 5     |
|                      | 2012  | 1   | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 6     |
|                      | TOTAL | 1   | 0   | 0   | 28  | 2   | 0  | 0  | 0  | 31    |
| STOMACH-INTESTINES   | 2008  | 0   | 0   | 0   | 9   | 1   | 0  | 0  | 0  | 10    |
|                      | 2009  | 0   | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 5     |
|                      | 2010  | 0   | 0   | 0   | 6   | 0   | 0  | 0  | 0  | 6     |
|                      | 2011  | 0   | 0   | 0   | 4   | 1   | 0  | 0  | 0  | 5     |
|                      | 2012  | 0   | 0   | 0   | 5   | 0   | 0  | 0  | 0  | 5     |
|                      | TOTAL | 0   | 0   | 0   | 29  | 2   | 0  | 0  | 0  | 31    |
| EYE-CORNEA           | 2008  | 8   | 20  | 0   | 14  | 3   | 10 | 0  | 5  | 60    |
|                      | 2009  | 10  | 22  | 2   | 16  | 1   | 9  | 0  | 2  | 62    |
|                      | 2010  | 2   | 31  | 3   | 23  | 1   | 9  | 0  | 5  | 74    |
|                      | 2011  | 17  | 27  | 1   | 27  | 3   | 12 | 0  | 5  | 92    |
|                      | 2012  | 15  | 23  | 3   | 22  | 2   | 10 | 0  | 13 | 88    |
|                      | TOTAL | 52  | 123 | 9   | 102 | 10  | 50 | 0  | 30 | 376   |
| BONE                 | 2008  | 6   | 6   | 0   | 17  | 0   | 5  | 0  | 4  | 38    |
|                      | 2009  | 9   | 19  | 0   | 23  | 1   | 0  | 0  | 3  | 55    |
|                      | 2010  | 5   | 19  | 0   | 43  | 0   | 0  | 0  | 5  | 72    |
|                      | 2011  | 14  | 15  | 0   | 56  | 0   | 0  | 0  | 8  | 93    |
|                      | 2012  | 9   | 24  | 1   | 38  | 0   | 0  | 0  | 10 | 82    |
|                      | TOTAL | 43  | 83  | 1   | 177 | 1   | 5  | 0  | 30 | 340   |
| HEART VALVES         | 2008  | 2   | 4   | 0   | 6   | 0   | 5  | 0  | 1  | 18    |
|                      | 2009  | 4   | 2   | 0   | 3   | 0   | 2  | 1  | 2  | 14    |
|                      | 2010  | 2   | 3   | 0   | 7   | 0   | 1  | 0  | 1  | 14    |
|                      | 2011  | 4   | 5   | 0   | 2   | 1   | 4  | 0  | 4  | 20    |
|                      | 2012  | 3   | 10  | 0   | 5   | 1   | 3  | 1  | 4  | 27    |
|                      | TOTAL | 15  | 24  | 0   | 23  | 2   | 15 | 2  | 12 | 93    |



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**Table 10.0**

**ORGAN AND TISSUE CONSENT OBTAINED BY DONOR STATE**  
**1 JAN 2008 - 31 DEC 2012**

| CONSENT OBTAINED (YES) | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
|------------------------|--------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| KIDNEYS                | 2008         | 48         | 56         | 5         | 65         | 8         | 43         | 3         | 27         | 255         |
|                        | 2009         | 46         | 66         | 7         | 64         | 5         | 31         | 2         | 19         | 240         |
|                        | 2010         | 49         | 87         | 10        | 95         | 10        | 30         | 2         | 22         | 305         |
|                        | 2011         | 67         | 74         | 8         | 103        | 6         | 34         | 4         | 32         | 328         |
|                        | 2012         | 77         | 87         | 11        | 87         | 14        | 28         | 8         | 32         | 344         |
|                        | <b>TOTAL</b> | <b>287</b> | <b>370</b> | <b>41</b> | <b>414</b> | <b>43</b> | <b>166</b> | <b>19</b> | <b>132</b> | <b>1472</b> |
| LIVER                  | 2008         | 43         | 54         | 5         | 64         | 8         | 40         | 3         | 27         | 244         |
|                        | 2009         | 43         | 65         | 8         | 60         | 5         | 32         | 2         | 19         | 234         |
|                        | 2010         | 36         | 82         | 10        | 92         | 8         | 29         | 2         | 21         | 280         |
|                        | 2011         | 52         | 71         | 8         | 99         | 6         | 30         | 3         | 26         | 295         |
|                        | 2012         | 74         | 84         | 11        | 86         | 14        | 26         | 6         | 28         | 329         |
|                        | <b>TOTAL</b> | <b>248</b> | <b>356</b> | <b>42</b> | <b>401</b> | <b>41</b> | <b>157</b> | <b>16</b> | <b>121</b> | <b>1382</b> |
| HEART                  | 2008         | 45         | 40         | 4         | 58         | 7         | 27         | 2         | 21         | 204         |
|                        | 2009         | 43         | 54         | 4         | 54         | 5         | 18         | 2         | 11         | 191         |
|                        | 2010         | 42         | 68         | 9         | 77         | 8         | 21         | 2         | 14         | 241         |
|                        | 2011         | 59         | 48         | 4         | 68         | 4         | 19         | 2         | 23         | 227         |
|                        | 2012         | 69         | 62         | 5         | 61         | 9         | 18         | 3         | 20         | 247         |
|                        | <b>TOTAL</b> | <b>258</b> | <b>272</b> | <b>26</b> | <b>318</b> | <b>33</b> | <b>103</b> | <b>11</b> | <b>89</b>  | <b>1110</b> |
| LUNGS                  | 2008         | 43         | 49         | 5         | 60         | 7         | 30         | 2         | 21         | 217         |
|                        | 2009         | 44         | 58         | 6         | 50         | 5         | 19         | 2         | 14         | 198         |
|                        | 2010         | 45         | 77         | 9         | 86         | 6         | 26         | 2         | 17         | 268         |
|                        | 2011         | 63         | 66         | 6         | 97         | 6         | 25         | 3         | 27         | 293         |
|                        | 2012         | 72         | 77         | 10        | 81         | 11        | 23         | 6         | 25         | 305         |
|                        | <b>TOTAL</b> | <b>267</b> | <b>327</b> | <b>36</b> | <b>374</b> | <b>35</b> | <b>123</b> | <b>15</b> | <b>104</b> | <b>1281</b> |
| PANCREAS               | 2008         | 41         | 47         | 4         | 65         | 8         | 38         | 3         | 19         | 225         |
|                        | 2009         | 38         | 56         | 7         | 61         | 5         | 30         | 2         | 11         | 210         |
|                        | 2010         | 33         | 69         | 9         | 89         | 10        | 26         | 2         | 14         | 252         |
|                        | 2011         | 44         | 53         | 5         | 95         | 6         | 31         | 3         | 22         | 259         |
|                        | 2012         | 54         | 66         | 5         | 79         | 13        | 19         | 5         | 17         | 258         |
|                        | <b>TOTAL</b> | <b>210</b> | <b>291</b> | <b>30</b> | <b>389</b> | <b>42</b> | <b>144</b> | <b>15</b> | <b>83</b>  | <b>1204</b> |
| INTESTINES             | 2008         | 0          | 0          | 0         | 32         | 4         | 0          | 0         | 0          | 36          |
|                        | 2009         | 0          | 0          | 0         | 27         | 4         | 0          | 0         | 0          | 31          |
|                        | 2010         | 0          | 0          | 0         | 44         | 5         | 0          | 0         | 0          | 49          |
|                        | 2011         | 0          | 0          | 0         | 32         | 2         | 0          | 0         | 0          | 34          |
|                        | 2012         | 2          | 1          | 0         | 27         | 4         | 0          | 0         | 0          | 34          |
|                        | <b>TOTAL</b> | <b>2</b>   | <b>1</b>   | <b>0</b>  | <b>162</b> | <b>19</b> | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>184</b>  |
| STOMACH-INTESTINES     | 2008         | 0          | 0          | 0         | 31         | 4         | 0          | 0         | 0          | 35          |
|                        | 2009         | 0          | 0          | 0         | 26         | 4         | 0          | 0         | 0          | 30          |
|                        | 2010         | 0          | 0          | 0         | 44         | 5         | 0          | 0         | 0          | 49          |
|                        | 2011         | 0          | 0          | 0         | 32         | 2         | 0          | 0         | 0          | 34          |
|                        | 2012         | 2          | 1          | 0         | 27         | 4         | 0          | 0         | 0          | 34          |
|                        | <b>TOTAL</b> | <b>2</b>   | <b>1</b>   | <b>0</b>  | <b>160</b> | <b>19</b> | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>182</b>  |
| EYE-CORNEA             | 2008         | 31         | 33         | 4         | 47         | 5         | 25         | 0         | 12         | 157         |
|                        | 2009         | 33         | 38         | 2         | 44         | 3         | 19         | 0         | 10         | 149         |
|                        | 2010         | 40         | 48         | 4         | 63         | 8         | 17         | 0         | 12         | 192         |
|                        | 2011         | 41         | 40         | 7         | 66         | 3         | 20         | 0         | 17         | 194         |
|                        | 2012         | 52         | 52         | 7         | 60         | 11        | 15         | 0         | 11         | 208         |
|                        | <b>TOTAL</b> | <b>197</b> | <b>211</b> | <b>24</b> | <b>280</b> | <b>30</b> | <b>96</b>  | <b>0</b>  | <b>62</b>  | <b>900</b>  |
| BONE                   | 2008         | 31         | 15         | 0         | 11         | 0         | 0          | 0         | 5          | 62          |
|                        | 2009         | 29         | 11         | 0         | 16         | 0         | 0          | 0         | 1          | 57          |
|                        | 2010         | 34         | 26         | 0         | 23         | 1         | 0          | 0         | 4          | 88          |
|                        | 2011         | 42         | 20         | 0         | 15         | 0         | 0          | 0         | 9          | 86          |
|                        | 2012         | 56         | 42         | 1         | 26         | 0         | 0          | 0         | 7          | 132         |
|                        | <b>TOTAL</b> | <b>192</b> | <b>114</b> | <b>1</b>  | <b>91</b>  | <b>1</b>  | <b>0</b>   | <b>0</b>  | <b>26</b>  | <b>425</b>  |
| HEART VALVES           | 2008         | 43         | 39         | 5         | 57         | 6         | 22         | 1         | 10         | 183         |
|                        | 2009         | 41         | 52         | 4         | 54         | 5         | 19         | 1         | 4          | 180         |
|                        | 2010         | 41         | 67         | 9         | 73         | 6         | 22         | 0         | 9          | 227         |
|                        | 2011         | 60         | 49         | 5         | 67         | 3         | 17         | 1         | 12         | 214         |
|                        | 2012         | 64         | 58         | 5         | 60         | 9         | 17         | 2         | 7          | 222         |
|                        | <b>TOTAL</b> | <b>249</b> | <b>265</b> | <b>28</b> | <b>311</b> | <b>29</b> | <b>97</b>  | <b>5</b>  | <b>42</b>  | <b>1026</b> |

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**Table 11.0**

**SOLID ORGAN RETRIEVED BY DONOR STATE**  
**1 JAN 2012 - 31 DEC 2012**

| ORGANS RETRIEVED                      | QLD | NSW | ACT | VIC | TAS | SA  | NT | WA  | TOTAL |
|---------------------------------------|-----|-----|-----|-----|-----|-----|----|-----|-------|
| (L) KIDNEY                            | 4   | 11  | 0   | 2   | 0   | 2   | 0  | 2   | 21    |
| (L) KIDNEY/HEART                      | 0   | 4   | 0   | 1   | 0   | 0   | 0  | 0   | 5     |
| (L) KIDNEY/HEART/PANCREAS             | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1     |
| (L) KIDNEY/LIVER                      | 2   | 5   | 0   | 3   | 0   | 1   | 0  | 1   | 12    |
| (L) KIDNEY/LIVER/HEART                | 1   | 2   | 0   | 0   | 0   | 1   | 0  | 0   | 4     |
| (L) KIDNEY/LIVER/HEART/LUNGS          | 0   | 1   | 1   | 0   | 0   | 0   | 0  | 2   | 4     |
| (L) KIDNEY/LIVER/HEART/LUNGS/PANCREAS | 0   | 1   | 0   | 1   | 1   | 0   | 0  | 0   | 3     |
| (L) KIDNEY/LIVER/HEART/PANCREAS       | 0   | 0   | 0   | 2   | 0   | 0   | 0  | 0   | 2     |
| (L) KIDNEY/LIVER/LUNGS                | 0   | 3   | 0   | 0   | 0   | 0   | 0  | 0   | 3     |
| (L) KIDNEY/LIVER/PANCREAS             | 0   | 2   | 1   | 0   | 0   | 0   | 0  | 0   | 3     |
| (L) KIDNEY/LUNGS                      | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 1     |
| (R) KIDNEY                            | 0   | 10  | 0   | 4   | 1   | 2   | 0  | 1   | 18    |
| (R) KIDNEY/HEART                      | 0   | 1   | 0   | 1   | 0   | 0   | 0  | 0   | 2     |
| (R) KIDNEY/LIVER                      | 3   | 4   | 1   | 2   | 0   | 0   | 0  | 0   | 10    |
| (R) KIDNEY/LIVER/HEART/(R) LUNG       | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 1   | 1     |
| (R) KIDNEY/LIVER/HEART                | 1   | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 4     |
| (R) KIDNEY/LIVER/HEART/LUNGS          | 1   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 2     |
| (R) KIDNEY/LIVER/HEART/LUNGS/PANCREAS | 0   | 2   | 0   | 1   | 0   | 0   | 0  | 0   | 3     |
| (R) KIDNEY/LIVER/HEART/PANCREAS       | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1     |
| (R) KIDNEY/LIVER/LUNGS                | 1   | 2   | 0   | 1   | 0   | 1   | 0  | 0   | 5     |
| (R) KIDNEY/LIVER/LUNGS/PANCREAS       | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1     |
| (R) KIDNEY/LIVER/PANCREAS             | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 1   | 2     |
| (R) KIDNEY/LUNGS                      | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 1   | 2     |
| (R) KIDNEY/LUNGS/PANCREAS             | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1     |
| (R) KIDNEY/PANCREAS                   | 0   | 0   | 0   | 1   | 1   | 0   | 0  | 0   | 2     |
| (R) LUNG                              | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1     |
| HEART                                 | 6   | 3   | 1   | 6   | 0   | 2   | 0  | 1   | 19    |
| HEART/LUNGS                           | 1   | 4   | 0   | 3   | 0   | 3   | 0  | 0   | 11    |
| HEART/PANCREAS                        | 0   | 0   | 0   | 1   | 1   | 0   | 0  | 0   | 2     |
| KIDNEYS/(R) LUNG                      | 0   | 0   | 0   | 2   | 0   | 0   | 0  | 0   | 2     |
| KIDNEYS/(R) LUNG/PANCREAS             | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1     |
| KIDNEYS                               | 171 | 319 | 21  | 239 | 14  | 125 | 13 | 103 | 1005  |
| KIDNEYS/HEART/(L) LUNG                | 1   | 0   | 0   | 3   | 0   | 0   | 0  | 0   | 4     |
| KIDNEYS/HEART/(L) LUNG/PANCREAS       | 0   | 0   | 0   | 1   | 0   | 0   | 0  | 0   | 1     |
| KIDNEYS/HEART/(R) LUNG                | 1   | 1   | 0   | 3   | 0   | 0   | 0  | 0   | 5     |
| KIDNEYS/HEART/(R) LUNG/PANCREAS       | 0   | 1   | 0   | 0   | 0   | 0   | 0  | 0   | 1     |
| KIDNEYS/HEART                         | 40  | 60  | 7   | 52  | 7   | 29  | 1  | 11  | 207   |
| KIDNEYS/HEART/LUNGS                   | 19  | 38  | 3   | 24  | 2   | 10  | 5  | 7   | 108   |
| KIDNEYS/HEART/LUNGS/PANCREAS          | 1   | 9   | 0   | 5   | 0   | 3   | 0  | 1   | 19    |
| KIDNEYS/HEART                         | 40  | 60  | 7   | 52  | 7   | 29  | 1  | 11  | 207   |



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**Table 11.0 Cont.**

| <b>SOLID ORGAN RETRIEVED BY DONOR STATE</b><br><b>1 JAN 2012 - 31 DEC 2012</b> |     |     |     |     |     |     |    |    |       |
|--|-----|-----|-----|-----|-----|-----|----|----|-------|
| ORGANS RETRIEVED   | QLD | NSW | ACT | VIC | TAS | SA  | NT | WA | TOTAL |
| KIDNEYS/HEART/LUNGS  | 19  | 38  | 3   | 24  | 2   | 10  | 5  | 7  | 108   |
| KIDNEYS/HEART/LUNGS/PANCREAS   | 1   | 9   | 0   | 5   | 0   | 3   | 0  | 1  | 19    |
| KIDNEYS/HEART/PANCREAS   | 0   | 13  | 0   | 26  | 0   | 1   | 0  | 2  | 42    |
| KIDNEYS/LIVER/(L) LUNG   | 1   | 0   | 0   | 2   | 0   | 0   | 0  | 1  | 4     |
| KIDNEYS/LIVER/(L) LUNG/PANCREAS  | 0   | 1   | 0   | 2   | 0   | 1   | 0  | 1  | 5     |
| KIDNEYS/LIVER/(R) LUNG   | 3   | 0   | 0   | 2   | 0   | 0   | 0  | 0  | 5     |
| KIDNEYS/LIVER/(R) LUNG/PANCREAS  | 1   | 0   | 0   | 1   | 0   | 0   | 0  | 0  | 2     |
| KIDNEYS/LIVER  | 261 | 256 | 19  | 151 | 7   | 116 | 14 | 89 | 913   |
| KIDNEYS/LIVER/HEART/(L) LUNG   | 2   | 5   | 0   | 9   | 0   | 1   | 0  | 1  | 18    |
| KIDNEYS/LIVER/HEART/(L) LUNG/PANCREAS  | 0   | 3   | 0   | 3   | 1   | 0   | 0  | 1  | 8     |
| KIDNEYS/LIVER/HEART/(R) LUNG   | 2   | 1   | 0   | 4   | 0   | 2   | 0  | 0  | 9     |
| KIDNEYS/LIVER/HEART/(R) LUNG/PANCREAS  | 2   | 0   | 1   | 2   | 0   | 0   | 0  | 0  | 5     |
| KIDNEYS/LIVER/HEART  | 162 | 107 | 12  | 82  | 10  | 51  | 1  | 44 | 469   |
| KIDNEYS/LIVER/HEART/LUNGS  | 165 | 145 | 10  | 111 | 13  | 69  | 7  | 58 | 578   |
| KIDNEYS/LIVER/HEART/LUNGS/PANCREAS   | 28  | 138 | 19  | 105 | 13  | 47  | 2  | 29 | 381   |
| KIDNEYS/LIVER/HEART/PANCREAS   | 13  | 52  | 2   | 66  | 5   | 9   | 1  | 18 | 166   |
| KIDNEYS/LIVER/LUNGS  | 69  | 70  | 10  | 71  | 4   | 39  | 6  | 20 | 289   |
| KIDNEYS/LIVER/LUNGS/PANCREAS   | 7   | 61  | 4   | 75  | 10  | 21  | 2  | 10 | 190   |
| KIDNEYS/LIVER/PANCREAS   | 16  | 72  | 7   | 64  | 5   | 58  | 2  | 20 | 244   |
| KIDNEYS/LUNGS  | 28  | 41  | 3   | 47  | 1   | 8   | 1  | 7  | 136   |
| KIDNEYS/LUNGS/PANCREAS   | 0   | 4   | 1   | 9   | 2   | 3   | 1  | 0  | 20    |
| KIDNEYS/PANCREAS   | 4   | 15  | 1   | 27  | 5   | 18  | 2  | 6  | 78    |
| LIVER  | 4   | 31  | 2   | 10  | 1   | 17  | 0  | 8  | 73    |
| LIVER/HEART  | 3   | 1   | 0   | 1   | 0   | 2   | 0  | 0  | 7     |
| LIVER/HEART/LUNGS  | 0   | 3   | 1   | 3   | 0   | 0   | 1  | 0  | 8     |
| LIVER/HEART/LUNGS/PANCREAS   | 0   | 1   | 0   | 3   | 0   | 0   | 0  | 0  | 4     |
| LIVER/LUNGS  | 1   | 4   | 0   | 3   | 1   | 1   | 0  | 2  | 12    |
| LIVER/LUNGS/PANCREAS   | 0   | 0   | 0   | 3   | 1   | 1   | 0  | 0  | 5     |
| LIVER/PANCREAS   | 0   | 2   | 0   | 1   | 1   | 2   | 0  | 0  | 6     |
| LUNGS  | 3   | 2   | 0   | 18  | 0   | 4   | 0  | 2  | 29    |
| LUNGS/PANCREAS   | 0   | 1   | 0   | 1   | 0   | 0   | 0  | 0  | 2     |
| PANCREAS   | 0   | 0   | 0   | 1   | 0   | 3   | 0  | 0  | 4     |

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**Table 11.0 Cont.**

**SOLID ORGAN RETRIEVED BY DONOR STATE**  
**1 JAN 2012 - 31 DEC 2012**

| ORGANS RETRIEVED                   | QLD | NSW | ACT | VIC | TAS | SA | NT | WA | TOTAL |
|------------------------------------|-----|-----|-----|-----|-----|----|----|----|-------|
| (L) KIDNEY                         | 1   | 3   | 0   | 0   | 0   | 0  | 0  | 0  | 4     |
| (L) KIDNEY/LIVER                   | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1     |
| (R) KIDNEY                         | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 1     |
| HEART                              | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1     |
| HEART/LUNGS                        | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1     |
| KIDNEYS                            | 16  | 11  | 3   | 18  | 3   | 5  | 1  | 8  | 65    |
| KIDNEYS/HEART                      | 0   | 2   | 0   | 1   | 0   | 0  | 0  | 0  | 3     |
| KIDNEYS/HEART/LUNGS                | 1   | 2   | 0   | 2   | 0   | 0  | 0  | 1  | 6     |
| KIDNEYS/HEART/LUNGS/PANCREAS       | 0   | 1   | 0   | 1   | 0   | 0  | 0  | 0  | 2     |
| KIDNEYS/LIVER                      | 18  | 16  | 3   | 16  | 0   | 4  | 1  | 8  | 66    |
| KIDNEYS/LIVER/HEART/(R) LUNG       | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1     |
| KIDNEYS/LIVER/HEART                | 5   | 1   | 1   | 3   | 0   | 0  | 0  | 2  | 12    |
| KIDNEYS/LIVER/HEART/LUNGS          | 8   | 4   | 0   | 3   | 1   | 0  | 1  | 3  | 20    |
| KIDNEYS/LIVER/HEART/LUNGS/PANCREAS | 2   | 4   | 1   | 2   | 3   | 6  | 1  | 2  | 21    |
| KIDNEYS/LIVER/HEART/PANCREAS       | 2   | 4   | 0   | 1   | 0   | 1  | 0  | 2  | 10    |
| KIDNEYS/LIVER/LUNGS                | 10  | 8   | 2   | 13  | 2   | 4  | 3  | 1  | 43    |
| KIDNEYS/LIVER/LUNGS/PANCREAS       | 0   | 3   | 0   | 8   | 4   | 2  | 0  | 1  | 18    |
| KIDNEYS/LIVER/PANCREAS             | 0   | 6   | 0   | 4   | 0   | 1  | 0  | 0  | 11    |
| KIDNEYS/LUNGS                      | 8   | 10  | 0   | 9   | 0   | 1  | 0  | 3  | 31    |
| KIDNEYS/LUNGS/PANCREAS             | 0   | 1   | 0   | 0   | 1   | 1  | 0  | 0  | 3     |
| KIDNEYS/PANCREAS                   | 0   | 0   | 0   | 1   | 0   | 1  | 1  | 0  | 3     |
| LIVER                              | 0   | 6   | 0   | 3   | 1   | 1  | 0  | 1  | 12    |
| LIVER/LUNGS                        | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 1     |
| LIVER/LUNGS/PANCREAS               | 0   | 0   | 0   | 1   | 0   | 0  | 0  | 0  | 1     |
| LIVER/PANCREAS                     | 0   | 0   | 0   | 0   | 0   | 1  | 0  | 0  | 1     |
| LUNGS                              | 2   | 0   | 0   | 2   | 0   | 0  | 0  | 0  | 4     |



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**Table 12.0**

**ORGAN AND TISSUE RETRIEVED BY DONOR STATE**  
**1 JAN 2001 - 31 DEC 2012**

| ORGAN RETRIEVED | YEAR         | QLD         | NSW         | ACT        | VIC         | TAS        | SA         | NT        | WA         | TOTAL       |
|-----------------|--------------|-------------|-------------|------------|-------------|------------|------------|-----------|------------|-------------|
| KIDNEYS         | 2001         | 90          | 83          | 14         | 80          | 6          | 42         | 4         | 25         | 344         |
|                 | 2002         | 85          | 97          | 10         | 87          | 12         | 56         | 4         | 29         | 380         |
|                 | 2003         | 78          | 85          | 16         | 77          | 4          | 44         | 2         | 34         | 340         |
|                 | 2004         | 77          | 120         | 12         | 84          | 4          | 76         | 2         | 39         | 414         |
|                 | 2005         | 65          | 106         | 18         | 93          | 4          | 39         | 8         | 58         | 391         |
|                 | 2006         | 71          | 95          | 7          | 88          | 14         | 68         | 4         | 38         | 385         |
|                 | 2007         | 74          | 95          | 2          | 97          | 2          | 49         | 6         | 33         | 358         |
|                 | 2008         | 96          | 103         | 10         | 128         | 13         | 74         | 6         | 47         | 477         |
|                 | 2009         | 88          | 123         | 13         | 121         | 10         | 60         | 4         | 38         | 457         |
|                 | 2010         | 95          | 160         | 18         | 179         | 17         | 54         | 4         | 43         | 570         |
|                 | 2011         | 128         | 138         | 14         | 186         | 11         | 60         | 8         | 60         | 605         |
|                 | 2012         | 141         | 150         | 20         | 165         | 28         | 54         | 16        | 62         | 636         |
|                 | <b>TOTAL</b> | <b>1088</b> | <b>1355</b> | <b>154</b> | <b>1385</b> | <b>125</b> | <b>676</b> | <b>68</b> | <b>506</b> | <b>5357</b> |
| LIVER           | 2001         | 36          | 36          | 5          | 27          | 2          | 16         | 1         | 10         | 133         |
|                 | 2002         | 35          | 37          | 5          | 36          | 6          | 25         | 1         | 11         | 156         |
|                 | 2003         | 35          | 33          | 3          | 32          | 2          | 15         | 0         | 15         | 135         |
|                 | 2004         | 33          | 50          | 4          | 37          | 1          | 27         | 1         | 18         | 171         |
|                 | 2005         | 24          | 39          | 8          | 40          | 2          | 17         | 3         | 26         | 159         |
|                 | 2006         | 32          | 37          | 3          | 41          | 6          | 26         | 0         | 18         | 163         |
|                 | 2007         | 25          | 37          | 1          | 39          | 0          | 20         | 3         | 15         | 140         |
|                 | 2008         | 33          | 41          | 3          | 47          | 5          | 32         | 1         | 25         | 187         |
|                 | 2009         | 35          | 47          | 4          | 37          | 5          | 29         | 2         | 15         | 174         |
|                 | 2010         | 30          | 56          | 8          | 55          | 6          | 18         | 2         | 17         | 192         |
|                 | 2011         | 44          | 52          | 7          | 50          | 3          | 22         | 2         | 20         | 200         |
|                 | 2012         | 46          | 52          | 7          | 55          | 11         | 21         | 6         | 20         | 218         |
|                 | <b>TOTAL</b> | <b>408</b>  | <b>517</b>  | <b>58</b>  | <b>496</b>  | <b>49</b>  | <b>268</b> | <b>22</b> | <b>210</b> | <b>2028</b> |
| HEART           | 2001         | 21          | 13          | 3          | 19          | 2          | 6          | 1         | 7          | 72          |
|                 | 2002         | 20          | 18          | 4          | 21          | 3          | 11         | 0         | 8          | 85          |
|                 | 2003         | 23          | 14          | 3          | 13          | 2          | 7          | 0         | 11         | 73          |
|                 | 2004         | 18          | 24          | 3          | 20          | 0          | 11         | 0         | 8          | 84          |
|                 | 2005         | 17          | 15          | 4          | 23          | 1          | 13         | 1         | 13         | 87          |
|                 | 2006         | 14          | 17          | 2          | 26          | 5          | 9          | 1         | 9          | 83          |
|                 | 2007         | 13          | 18          | 0          | 29          | 0          | 7          | 1         | 7          | 75          |
|                 | 2008         | 20          | 19          | 0          | 24          | 5          | 9          | 1         | 13         | 91          |
|                 | 2009         | 17          | 14          | 1          | 22          | 3          | 9          | 0         | 5          | 71          |
|                 | 2010         | 11          | 22          | 3          | 29          | 3          | 5          | 0         | 8          | 81          |
|                 | 2011         | 16          | 12          | 2          | 20          | 1          | 7          | 1         | 7          | 66          |
|                 | 2012         | 19          | 18          | 2          | 14          | 4          | 8          | 2         | 10         | 77          |
|                 | <b>TOTAL</b> | <b>209</b>  | <b>204</b>  | <b>27</b>  | <b>260</b>  | <b>29</b>  | <b>102</b> | <b>8</b>  | <b>106</b> | <b>945</b>  |

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**Table 12.0 Cont.**

**ORGAN AND TISSUE RETRIEVED BY DONOR STATE**  
**1 JAN 2001 - 31 DEC 2012**

| ORGAN RETRIEVED | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA        | TOTAL       |
|-----------------|--------------|------------|------------|-----------|------------|-----------|------------|-----------|-----------|-------------|
| <b>LUNGS</b>    | 2001         | 17         | 13         | 3         | 19         | 2         | 8          | 1         | 6         | <b>69</b>   |
|                 | 2002         | 19         | 22         | 4         | 20         | 3         | 9          | 0         | 9         | <b>86</b>   |
|                 | 2003         | 17         | 18         | 2         | 13         | 1         | 6          | 0         | 7         | <b>64</b>   |
|                 | 2004         | 18         | 32         | 3         | 15         | 2         | 13         | 0         | 7         | <b>90</b>   |
|                 | 2005         | 14         | 19         | 6         | 21         | 1         | 8          | 1         | 9         | <b>79</b>   |
|                 | 2006         | 10         | 24         | 2         | 28         | 4         | 13         | 1         | 6         | <b>88</b>   |
|                 | 2007         | 11         | 24         | 1         | 27         | 0         | 6          | 0         | 8         | <b>77</b>   |
|                 | 2008         | 20         | 28         | 5         | 30         | 2         | 12         | 1         | 11        | <b>109</b>  |
|                 | 2009         | 21         | 32         | 2         | 32         | 4         | 11         | 1         | 4         | <b>107</b>  |
|                 | 2010         | 18         | 35         | 3         | 44         | 2         | 12         | 1         | 6         | <b>121</b>  |
|                 | 2011         | 24         | 31         | 3         | 60         | 2         | 15         | 3         | 14        | <b>152</b>  |
|                 | 2012         | 32         | 33         | 3         | 42         | 11        | 14         | 5         | 11        | <b>151</b>  |
|                 | <b>TOTAL</b> | <b>221</b> | <b>311</b> | <b>37</b> | <b>351</b> | <b>34</b> | <b>127</b> | <b>14</b> | <b>98</b> | <b>1193</b> |
| <b>LUNG (L)</b> | 2001         | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2002         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>0</b>    |
|                 | 2003         | 0          | 1          | 0         | 2          | 0         | 0          | 0         | 0         | <b>3</b>    |
|                 | 2004         | 1          | 0          | 0         | 2          | 0         | 0          | 0         | 0         | <b>3</b>    |
|                 | 2005         | 0          | 0          | 0         | 1          | 0         | 1          | 0         | 0         | <b>2</b>    |
|                 | 2006         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 2         | <b>3</b>    |
|                 | 2007         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>0</b>    |
|                 | 2008         | 0          | 1          | 0         | 2          | 0         | 0          | 0         | 0         | <b>3</b>    |
|                 | 2009         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 2         | <b>2</b>    |
|                 | 2010         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>0</b>    |
|                 | 2011         | 0          | 0          | 0         | 1          | 1         | 1          | 0         | 0         | <b>3</b>    |
|                 | 2012         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>0</b>    |
|                 | <b>TOTAL</b> | <b>2</b>   | <b>2</b>   | <b>0</b>  | <b>9</b>   | <b>1</b>  | <b>2</b>   | <b>0</b>  | <b>4</b>  | <b>20</b>   |
| <b>LUNG (R)</b> | 2001         | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0         | <b>2</b>    |
|                 | 2002         | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2003         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2004         | 1          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | <b>2</b>    |
|                 | 2005         | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | <b>1</b>    |
|                 | 2006         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 1         | <b>2</b>    |
|                 | 2007         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>0</b>    |
|                 | 2008         | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2009         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2010         | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2011         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | <b>1</b>    |
|                 | 2012         | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | <b>1</b>    |
|                 | <b>TOTAL</b> | <b>5</b>   | <b>1</b>   | <b>0</b>  | <b>5</b>   | <b>0</b>  | <b>2</b>   | <b>0</b>  | <b>1</b>  | <b>14</b>   |



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**Table 12.0 Cont.**

**ORGAN AND TISSUE RETRIEVED BY DONOR STATE**  
**1 JAN 2001 - 31 DEC 2012**

| ORGAN RETRIEVED | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA        | TOTAL       |
|-----------------|--------------|------------|------------|-----------|------------|-----------|------------|-----------|-----------|-------------|
| PANCREAS        | 2001         | 2          | 11         | 3         | 11         | 1         | 2          | 0         | 4         | 34          |
|                 | 2002         | 3          | 21         | 2         | 8          | 2         | 4          | 0         | 7         | 47          |
|                 | 2003         | 6          | 17         | 2         | 13         | 1         | 1          | 0         | 7         | 47          |
|                 | 2004         | 2          | 21         | 2         | 29         | 2         | 5          | 0         | 5         | 66          |
|                 | 2005         | 3          | 17         | 4         | 29         | 2         | 3          | 0         | 9         | 67          |
|                 | 2006         | 6          | 21         | 3         | 30         | 5         | 22         | 0         | 5         | 92          |
|                 | 2007         | 6          | 23         | 0         | 42         | 1         | 15         | 2         | 7         | 96          |
|                 | 2008         | 8          | 21         | 3         | 37         | 6         | 24         | 2         | 6         | 107         |
|                 | 2009         | 9          | 23         | 2         | 38         | 5         | 26         | 2         | 5         | 110         |
|                 | 2010         | 8          | 27         | 4         | 46         | 8         | 18         | 1         | 1         | 113         |
|                 | 2011         | 4          | 21         | 1         | 23         | 3         | 19         | 1         | 4         | 76          |
|                 | 2012         | 4          | 19         | 1         | 18         | 8         | 13         | 2         | 5         | 70          |
|                 | <b>TOTAL</b> | <b>61</b>  | <b>242</b> | <b>27</b> | <b>324</b> | <b>44</b> | <b>152</b> | <b>10</b> | <b>65</b> | <b>925</b>  |
| INTESTINES      | 2001         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2002         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2003         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2004         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2005         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2006         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2007         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2008         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2009         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2010         | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0         | 1           |
|                 | 2011         | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 0           |
|                 | 2012         | 0          | 0          | 0         | 0          | 1         | 0          | 0         | 0         | 1           |
|                 | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>2</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>2</b>    |
| EYE-CORNEA      | 2001         | 16         | 23         | 3         | 33         | 1         | 7          | 0         | 4         | 87          |
|                 | 2002         | 15         | 29         | 2         | 34         | 5         | 14         | 0         | 4         | 103         |
|                 | 2003         | 12         | 25         | 1         | 23         | 0         | 6          | 0         | 5         | 72          |
|                 | 2004         | 16         | 37         | 2         | 28         | 1         | 15         | 0         | 7         | 106         |
|                 | 2005         | 9          | 27         | 4         | 33         | 1         | 5          | 0         | 6         | 85          |
|                 | 2006         | 9          | 22         | 3         | 26         | 4         | 14         | 0         | 9         | 87          |
|                 | 2007         | 9          | 19         | 1         | 30         | 0         | 7          | 0         | 2         | 68          |
|                 | 2008         | 14         | 27         | 3         | 43         | 4         | 13         | 0         | 11        | 115         |
|                 | 2009         | 10         | 25         | 2         | 41         | 2         | 13         | 0         | 7         | 100         |
|                 | 2010         | 13         | 35         | 3         | 60         | 5         | 13         | 0         | 6         | 135         |
|                 | 2011         | 26         | 27         | 5         | 54         | 3         | 18         | 0         | 16        | 149         |
|                 | 2012         | 29         | 31         | 6         | 53         | 11        | 12         | 0         | 11        | 153         |
|                 | <b>TOTAL</b> | <b>178</b> | <b>327</b> | <b>35</b> | <b>458</b> | <b>37</b> | <b>137</b> | <b>0</b>  | <b>88</b> | <b>1260</b> |



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**Table 12.0 Cont.**

| <b>ORGAN AND TISSUE RETRIEVED BY DONOR STATE</b><br><b>1 JAN 2001 - 31 DEC 2012</b> |              |            |           |          |           |          |          |          |           |            |
|---|--------------|------------|-----------|----------|-----------|----------|----------|----------|-----------|------------|
| ORGAN RETRIEVED   | YEAR         | QLD        | NSW       | ACT      | VIC       | TAS      | SA       | NT       | WA        | TOTAL      |
| CORNEA (L)  | 2001         | 0          | 0         | 0        | 0         | 1        | 0        | 0        | 0         | 1          |
|   | 2002         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2003         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2004         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2005         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2006         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2007         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2008         | 0          | 0         | 0        | 0         | 0        | 1        | 0        | 0         | 1          |
|   | 2009         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2010         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2011         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2012         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | <b>TOTAL</b> | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b>  | <b>2</b>   |
| CORNEA (R)  | 2001         | 0          | 0         | 1        | 0         | 0        | 1        | 0        | 0         | 2          |
|   | 2002         | 0          | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|   | 2003         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2004         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2005         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2006         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2007         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2008         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2009         | 1          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|   | 2010         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2011         | 0          | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 0          |
|   | 2012         | 0          | 0         | 1        | 0         | 0        | 0        | 0        | 0         | 1          |
|   | <b>TOTAL</b> | <b>1</b>   | <b>0</b>  | <b>2</b> | <b>1</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b>  | <b>5</b>   |
| BONE  | 2001         | 14         | 0         | 0        | 0         | 0        | 0        | 0        | 1         | 15         |
|   | 2002         | 6          | 0         | 0        | 0         | 0        | 0        | 0        | 1         | 7          |
|   | 2003         | 11         | 0         | 0        | 0         | 0        | 1        | 0        | 1         | 13         |
|   | 2004         | 12         | 0         | 0        | 4         | 0        | 0        | 0        | 1         | 17         |
|   | 2005         | 7          | 0         | 0        | 3         | 0        | 0        | 0        | 1         | 11         |
|   | 2006         | 5          | 0         | 0        | 4         | 0        | 6        | 0        | 3         | 18         |
|   | 2007         | 6          | 0         | 0        | 3         | 0        | 1        | 0        | 1         | 11         |
|   | 2008         | 14         | 5         | 0        | 4         | 0        | 0        | 0        | 0         | 23         |
|   | 2009         | 8          | 2         | 0        | 9         | 0        | 0        | 0        | 0         | 19         |
|   | 2010         | 15         | 11        | 0        | 3         | 0        | 0        | 0        | 0         | 29         |
|   | 2011         | 23         | 3         | 0        | 4         | 0        | 0        | 0        | 2         | 32         |
|   | 2012         | 26         | 6         | 0        | 8         | 0        | 0        | 0        | 3         | 43         |
|   | <b>TOTAL</b> | <b>147</b> | <b>27</b> | <b>0</b> | <b>42</b> | <b>0</b> | <b>8</b> | <b>0</b> | <b>14</b> | <b>238</b> |



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**Table 12.0 Cont.**

**ORGAN AND TISSUE RETRIEVED BY DONOR STATE  
1 JAN 2001 - 31 DEC 2012**

| ORGAN RETRIEVED | YEAR         | QLD        | NSW        | ACT       | VIC        | TAS       | SA        | NT       | WA        | TOTAL      |
|-----------------|--------------|------------|------------|-----------|------------|-----------|-----------|----------|-----------|------------|
| HEART VALVES    | 2001         | 12         | 11         | 4         | 6          | 0         | 4         | 0        | 3         | 40         |
|                 | 2002         | 13         | 15         | 1         | 14         | 1         | 6         | 0        | 4         | 54         |
|                 | 2003         | 8          | 18         | 1         | 11         | 0         | 2         | 0        | 1         | 41         |
|                 | 2004         | 8          | 13         | 1         | 10         | 2         | 1         | 0        | 4         | 39         |
|                 | 2005         | 1          | 15         | 2         | 10         | 1         | 0         | 2        | 3         | 34         |
|                 | 2006         | 9          | 9          | 0         | 6          | 2         | 4         | 0        | 5         | 35         |
|                 | 2007         | 13         | 10         | 0         | 14         | 1         | 5         | 0        | 2         | 45         |
|                 | 2008         | 14         | 13         | 5         | 15         | 1         | 4         | 0        | 1         | 53         |
|                 | 2009         | 9          | 21         | 2         | 11         | 1         | 4         | 0        | 0         | 48         |
|                 | 2010         | 12         | 23         | 1         | 25         | 1         | 9         | 0        | 0         | 71         |
|                 | 2011         | 17         | 18         | 1         | 21         | 2         | 3         | 1        | 3         | 66         |
|                 | 2012         | 12         | 10         | 2         | 20         | 3         | 4         | 0        | 2         | 53         |
|                 | <b>TOTAL</b> | <b>128</b> | <b>176</b> | <b>20</b> | <b>163</b> | <b>15</b> | <b>46</b> | <b>3</b> | <b>28</b> | <b>579</b> |

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**Table 13.0**

**REASONS ORGANS NOT RETRIEVED BY DONOR STATE**  
**1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED      | QLD       | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA        | TOTAL      |
|---------------------|---------------------------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| <b>KIDNEY (L)</b>   | ABNORMAL ANATOMY          | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | ABSENT KIDNEY             | 0         | 3         | 0        | 5         | 0        | 1         | 0        | 0         | 9          |
|                     | ACTIVE TUBERCULOSIS       | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | AGE OF DONOR              | 1         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|                     | ANURIC                    | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | BIOCHEMISTRY              | 3         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 4          |
|                     | CARDIAC ARREST            | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | DCD-LUNG PROTOCOL ONLY    | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | DID NOT DIE WITHIN TIME   | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | DISEASE OF ORGAN          | 6         | 43        | 5        | 20        | 4        | 11        | 0        | 12        | 101        |
|                     | DONOR EXSANGUINATED       | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | EXTENDED ISCHAEMIC TIME   | 0         | 0         | 0        | 2         | 0        | 1         | 0        | 0         | 3          |
|                     | HBV POSITIVE-HCV POSITIVE | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | HEP C RESULTS EQUIVOCAL   | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | HEPATITIS B CORE ANTIBODY | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | HIGH RISK BEHAVIOUR       | 0         | 1         | 0        | 3         | 0        | 0         | 0        | 0         | 4          |
|                     | HORSESHOE KIDNEY          | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | INFECTION                 | 5         | 3         | 0        | 0         | 0        | 12        | 0        | 2         | 22         |
|                     | ISCHAEMIC BOWEL-THEATRE   | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | IV DRUG USE               | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | MALIGNANCY                | 5         | 5         | 0        | 6         | 0        | 5         | 0        | 0         | 21         |
|                     | MEDICALLY UNSUITABLE      | 3         | 2         | 0        | 6         | 0        | 1         | 0        | 0         | 12         |
|                     | NO PERFUSION              | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | NO SUITABLE RECIPIENT     | 1         | 1         | 0        | 1         | 0        | 3         | 0        | 2         | 8          |
|                     | NOT REFERRED-?CAUSE DEATH | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | POSITIVE SEROLOGY         | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | PREVIOUS NEPHRECTOMY      | 1         | 2         | 0        | 1         | 0        | 1         | 0        | 1         | 6          |
|                     | PREVIOUS SURGERY          | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | PREVIOUSLY DONATED KIDNEY | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 1         | 2          |
|                     | SOCIAL RISK FACTORS       | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 1         | 2          |
|                     | SPLEEN GROSSLY ABNORMAL   | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | SUSPECTED MALIGNANCY      | 1         | 1         | 1        | 0         | 1        | 0         | 0        | 0         | 4          |
|                     | SUSPICIOUS NODULES FOUND  | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | TRAUMA TO ORGAN           | 2         | 4         | 0        | 3         | 0        | 2         | 0        | 0         | 11         |
|                     | <b>TOTAL</b>              | <b>33</b> | <b>74</b> | <b>6</b> | <b>55</b> | <b>5</b> | <b>38</b> | <b>0</b> | <b>19</b> | <b>230</b> |

**Table 13.0 Cont.**

| <b>REASONS ORGANS NOT RETRIEVED BY DONOR STATE</b><br><b>1 JAN 1989 - 31 DEC 2012</b> |                           |           |           |          |           |          |           |          |           |            |
|---|---------------------------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| ORGAN NOT RETRIEVED   | REASON NOT RETRIEVED      | QLD       | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA        | TOTAL      |
| <b>KIDNEY R)</b>  | ABSENT (R) KIDNEY         | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | ABSENT KIDNEY             | 0         | 4         | 0        | 0         | 0        | 1         | 0        | 0         | 5          |
|   | ACTIVE TUBERCULOSIS       | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | AGE OF DONOR              | 1         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|   | ANURIC                    | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | BIOCHEMISTRY              | 3         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 4          |
|   | CARDIAC ARREST            | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | DCD-LUNG PROTOCOL ONLY    | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | DECLINED-MALIGNANCY DONOR | 0         | 0         | 0        | 0         | 0        | 0         | 0        | 1         | 1          |
|   | DID NOT DIE WITHIN TIME   | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | DISEASE OF ORGAN          | 5         | 41        | 6        | 17        | 2        | 11        | 0        | 11        | 93         |
|   | DONOR EXSANGUINATED       | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | EXTENDED ISCHAEMIC TIME   | 0         | 0         | 0        | 2         | 0        | 1         | 0        | 0         | 3          |
|   | FAMILY REFUSAL            | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 1          |
|   | HBV POSITIVE-HCV POSITIVE | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | HEP C RESULTS EQUIVOCAL   | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | HEPATITIS B CORE ANTIBODY | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | HEPATITIS C POSITIVE      | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | HIGH RISK BEHAVIOUR       | 0         | 1         | 0        | 3         | 0        | 0         | 0        | 0         | 4          |
|   | HORSESHOE KIDNEY          | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | INFECTION                 | 6         | 3         | 0        | 0         | 0        | 11        | 0        | 2         | 22         |
|   | ISCHAEMIC BOWEL-THEATRE   | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | IV DRUG USE               | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | MALIGNANCY                | 5         | 5         | 0        | 7         | 0        | 5         | 0        | 0         | 22         |
|   | MEDICALLY UNSUITABLE      | 4         | 4         | 0        | 3         | 0        | 1         | 0        | 0         | 12         |
|   | MULTIPLE CYSTS            | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | NO CONSENT                | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 1          |
|   | NO PERFUSION              | 1         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 2          |
|   | NO SUITABLE RECIPIENT     | 1         | 1         | 0        | 3         | 0        | 4         | 0        | 3         | 12         |
|   | NOT REFERRED-?CAUSE DEATH | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|   | POSITIVE SEROLOGY         | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | PREVIOUS NEPHRECTOMY      | 0         | 3         | 0        | 1         | 0        | 0         | 0        | 0         | 4          |
|   | PRIOR NEPHRECTOMY         | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | SOCIAL RISK FACTORS       | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 1         | 2          |
|   | SPLEEN GROSSLY ABNORMAL   | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | SUSPECTED MALIGNANCY      | 1         | 1         | 1        | 0         | 1        | 0         | 0        | 0         | 4          |
|   | SUSPICIOUS NODULES FOUND  | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | TRAUMA TO ORGAN           | 5         | 6         | 0        | 4         | 1        | 2         | 0        | 2         | 20         |
|   | URETER CRUMBLLED          | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|   | <b>TOTAL</b>              | <b>35</b> | <b>82</b> | <b>7</b> | <b>48</b> | <b>4</b> | <b>39</b> | <b>0</b> | <b>20</b> | <b>235</b> |

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**Table 13.0 Cont.**

| <b>REASONS ORGANS NOT RETRIEVED BY DONOR STATE</b><br><b>1 JAN 1989 - 31 DEC 2012</b> |                           |            |            |           |            |           |            |           |           |             |
|---|---------------------------|------------|------------|-----------|------------|-----------|------------|-----------|-----------|-------------|
| ORGAN NOT RETRIEVED   | REASON NOT RETRIEVED      | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA        | TOTAL       |
| <b>LIVER</b>  | ABG                       | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | ACTIVE TUBERCULOSIS       | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | AGE OF DONOR              | 16         | 23         | 2         | 26         | 0         | 6          | 1         | 3         | 77          |
|   | BIOCHEMISTRY              | 8          | 17         | 2         | 22         | 3         | 7          | 0         | 4         | 63          |
|   | CARDIAC ARREST            | 2          | 5          | 0         | 6          | 0         | 0          | 0         | 1         | 14          |
|   | CORONER REFUSAL           | 1          | 1          | 0         | 0          | 0         | 2          | 0         | 0         | 4           |
|   | DCD DONOR                 | 2          | 3          | 1         | 13         | 0         | 1          | 0         | 1         | 21          |
|   | DCD-LUNG PROTOCOL ONLY    | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | DID NOT DIE WITHIN TIME   | 0          | 0          | 1         | 1          | 0         | 1          | 0         | 0         | 3           |
|   | DISEASE OF ORGAN          | 88         | 182        | 11        | 134        | 9         | 49         | 4         | 24        | 501         |
|   | DONOR EXSANGUINATED       | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | DONOR UNSTABLE            | 2          | 8          | 0         | 3          | 0         | 5          | 1         | 1         | 20          |
|   | EXTENDED ISCHAEMIC TIME   | 2          | 4          | 0         | 7          | 0         | 1          | 0         | 1         | 15          |
|   | HEPATITIS B CORE ANTIBODY | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | HYPOTENSION               | 5          | 5          | 0         | 2          | 0         | 4          | 0         | 0         | 16          |
|   | INFECTION                 | 5          | 2          | 0         | 4          | 0         | 5          | 0         | 0         | 16          |
|   | INOTROPIC SUPPORT         | 2          | 19         | 1         | 13         | 1         | 4          | 2         | 3         | 45          |
|   | ISCHAEMIC BOWEL-THEATRE   | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | IV DRUG USE               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | LOGISTICS                 | 1          | 13         | 1         | 7          | 0         | 3          | 0         | 6         | 31          |
|   | MALIGNANCY                | 6          | 4          | 0         | 6          | 0         | 2          | 0         | 2         | 20          |
|   | MEDICALLY UNSUITABLE      | 9          | 15         | 2         | 14         | 2         | 9          | 2         | 3         | 56          |
|   | MULTIPLE TRANSPLANTS      | 0          | 0          | 0         | 2          | 0         | 0          | 0         | 0         | 2           |
|   | NAT TESTING REQUIREMENTS  | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1         | 1           |
|   | NO SUITABLE RECIPIENT     | 61         | 89         | 8         | 86         | 4         | 36         | 3         | 39        | 326         |
|   | NOT REFERRED-?CAUSE DEATH | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | POOR PERFUSION            | 0          | 1          | 0         | 1          | 0         | 1          | 0         | 0         | 3           |
|   | POSITIVE NAT HCV          | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | RECIPIENT DIED RETRIEVAL  | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | 1           |
|   | RECIPIENT INOPERABLE      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | SIZE OF DONOR             | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | SPLEEN GROSSLY ABNORMAL   | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | SURGEON UNAVAILABLE       | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | SURGICALLY UNSUITABLE     | 0          | 0          | 0         | 3          | 0         | 0          | 0         | 0         | 3           |
|   | SUSPECTED MALIGNANCY      | 1          | 1          | 1         | 0          | 1         | 0          | 0         | 0         | 4           |
|   | SUSPICIOUS NODULES FOUND  | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|   | TEAM NOT AVAILABLE        | 2          | 1          | 0         | 1          | 0         | 2          | 0         | 1         | 7           |
|   | TRANSPORT PROBLEMS        | 0          | 2          | 0         | 0          | 0         | 0          | 0         | 0         | 2           |
|   | TRAUMA TO ORGAN           | 15         | 16         | 1         | 7          | 0         | 4          | 2         | 4         | 49          |
|   | UNCERTAINTY CAUSE DEATH   | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|   | <b>TOTAL</b>              | <b>232</b> | <b>416</b> | <b>31</b> | <b>364</b> | <b>20</b> | <b>143</b> | <b>15</b> | <b>94</b> | <b>1315</b> |

**Table 13.0 Cont.**

## REASONS ORGANS NOT RETRIEVED BY DONOR STATE

01 JAN 1989 - 31 DEC 2012

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED      | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
|---------------------|---------------------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| HEART               | ABNORMAL ECHOCARDIOGRAM   | 23         | 15         | 0         | 34         | 3         | 10         | 1         | 4          | 90          |
|                     | ABNORMAL FUNCTION         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | AGE OF DONOR              | 49         | 79         | 5         | 43         | 2         | 15         | 2         | 14         | 209         |
|                     | BIOCHEMISTRY              | 0          | 1          | 0         | 3          | 0         | 0          | 1         | 0          | 5           |
|                     | CARDIAC ARREST            | 19         | 23         | 2         | 15         | 0         | 10         | 1         | 1          | 71          |
|                     | CHEST XRAY                | 1          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 2           |
|                     | CONSENT WITHDRAWN         | 0          | 0          | 0         | 0          | 0         | 2          | 0         | 0          | 2           |
|                     | CORONER REFUSAL           | 5          | 14         | 1         | 4          | 0         | 7          | 0         | 3          | 34          |
|                     | DCD DONOR                 | 40         | 54         | 5         | 67         | 0         | 5          | 1         | 4          | 176         |
|                     | DCD-LUNG PROTOCOL ONLY    | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | DID NOT DIE WITHIN TIME   | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | 1           |
|                     | DISEASE OF ORGAN          | 115        | 159        | 13        | 125        | 11        | 59         | 5         | 33         | 520         |
|                     | DONOR UNSTABLE            | 5          | 13         | 0         | 5          | 0         | 10         | 1         | 1          | 35          |
|                     | ECG                       | 8          | 9          | 2         | 12         | 0         | 8          | 2         | 1          | 42          |
|                     | EXTENDED ISCHAEMIC TIME   | 2          | 0          | 0         | 1          | 1         | 1          | 2         | 0          | 7           |
|                     | FAMILY REQUEST            | 0          | 1          | 0         | 1          | 0         | 0          | 0         | 0          | 2           |
|                     | HEP C RESULTS EQUIVOCAL   | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | HEPATITIS C POSITIVE      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | HIGH RISK BEHAVIOUR       | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | HYPOTENSION               | 10         | 8          | 0         | 1          | 0         | 1          | 0         | 0          | 20          |
|                     | INFECTION                 | 5          | 6          | 0         | 0          | 0         | 7          | 0         | 2          | 20          |
|                     | INOTROPIC SUPPORT         | 29         | 60         | 4         | 20         | 0         | 13         | 0         | 12         | 138         |
|                     | IV DRUG USE               | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | LATE POSITIVE CROSS MATCH | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | LOGISTICS                 | 9          | 4          | 0         | 4          | 0         | 4          | 4         | 3          | 28          |
|                     | MALIGNANCY                | 4          | 1          | 0         | 3          | 0         | 1          | 0         | 0          | 9           |
|                     | MEDICALLY UNSUITABLE      | 27         | 23         | 1         | 25         | 2         | 10         | 0         | 5          | 93          |
|                     | NAT TESTING REQUIREMENTS  | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | 1           |
|                     | NO SUITABLE RECIPIENT     | 93         | 77         | 2         | 104        | 12        | 50         | 5         | 54         | 397         |
|                     | PATHOLOGIST RESTRICTION   | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | POSITIVE CROSS MATCH      | 0          | 1          | 0         | 2          | 0         | 0          | 0         | 0          | 3           |
|                     | POSITIVE SEROLOGY         | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | PREVIOUS SURGERY          | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 1          | 2           |
|                     | PROLONGED RESUSCITATION   | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | RECIPIENT UNSTABLE        | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | 1           |
|                     | SOCIAL RISK FACTORS       | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 1          | 2           |
|                     | SURGICALLY UNSUITABLE     | 0          | 1          | 1         | 0          | 0         | 0          | 0         | 0          | 2           |
|                     | SUSPECTED MALIGNANCY      | 1          | 1          | 1         | 0          | 0         | 0          | 0         | 0          | 3           |
|                     | TEAM NOT AVAILABLE        | 3          | 1          | 0         | 2          | 1         | 0          | 0         | 3          | 10          |
|                     | TECHNICAL DIFFICULTIES    | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | TIME CONSTRAINTS          | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | 1           |
|                     | TRANSPORT UNAVAILABLE     | 0          | 2          | 0         | 0          | 0         | 1          | 0         | 0          | 3           |
|                     | TRAUMA TO ORGAN           | 34         | 12         | 2         | 19         | 2         | 12         | 1         | 6          | 88          |
|                     | VENTRICULAR DYSFUNCTION   | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                     | <b>TOTAL</b>              | <b>487</b> | <b>571</b> | <b>39</b> | <b>495</b> | <b>34</b> | <b>228</b> | <b>26</b> | <b>149</b> | <b>2029</b> |

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**Table 13.0 Cont.**

| <b>REASONS ORGANS NOT RETRIEVED BY DONOR STATE</b><br><b>1 JAN 1989 - 31 DEC 2012</b> |                          |            |            |           |            |           |            |           |            |             |
|---|--------------------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| ORGAN NOT RETRIEVED   | REASON NOT RETRIEVED     | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
| <b>LUNGS</b>  | ABG                      | 124        | 117        | 12        | 108        | 9         | 37         | 4         | 21         | <b>432</b>  |
|   | ACTIVE TUBERCULOSIS      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | AGE OF DONOR             | 45         | 74         | 2         | 38         | 1         | 8          | 5         | 8          | <b>181</b>  |
|   | BIOCHEMISTRY             | 3          | 3          | 0         | 1          | 0         | 1          | 0         | 2          | <b>10</b>   |
|   | CARDIAC ARREST           | 3          | 4          | 0         | 8          | 0         | 3          | 0         | 1          | <b>19</b>   |
|   | CHEST XRAY               | 29         | 21         | 1         | 25         | 1         | 9          | 0         | 5          | <b>91</b>   |
|   | CONSENT WITHDRAWN        | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 1          | <b>2</b>    |
|   | CORONER REFUSAL          | 4          | 6          | 2         | 2          | 0         | 8          | 0         | 1          | <b>23</b>   |
|   | DCD DONOR                | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | DISEASE OF ORGAN         | 94         | 181        | 15        | 106        | 10        | 44         | 1         | 37         | <b>488</b>  |
|   | DISTANCE                 | 0          | 0          | 0         | 0          | 0         | 0          | 1         | 0          | <b>1</b>    |
|   | DONOR UNSTABLE           | 4          | 12         | 0         | 4          | 0         | 5          | 1         | 1          | <b>27</b>   |
|   | EXTENDED ISCHAEMIC TIME  | 2          | 0          | 0         | 0          | 0         | 1          | 0         | 2          | <b>5</b>    |
|   | FUNCTIONED DETERIORATED  | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | <b>1</b>    |
|   | HEP C RESULTS EQUIVOCAL  | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | HEPATITIS C POSITIVE     | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | HIGH RISK BEHAVIOUR      | 0          | 1          | 0         | 1          | 0         | 0          | 0         | 0          | <b>2</b>    |
|   | HYPOTENSION              | 2          | 7          | 0         | 0          | 0         | 0          | 0         | 0          | <b>9</b>    |
|   | INFECTION                | 54         | 14         | 3         | 17         | 3         | 10         | 0         | 12         | <b>113</b>  |
|   | INOTROPIC SUPPORT        | 3          | 6          | 0         | 4          | 0         | 1          | 1         | 4          | <b>19</b>   |
|   | LOGISTICS                | 28         | 11         | 1         | 2          | 0         | 4          | 1         | 1          | <b>48</b>   |
|   | MALIGNANCY               | 6          | 1          | 0         | 5          | 0         | 1          | 0         | 1          | <b>14</b>   |
|   | MEDICALLY UNSUITABLE     | 14         | 19         | 0         | 26         | 3         | 12         | 1         | 10         | <b>85</b>   |
|   | NAT TESTING REQUIREMENTS | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | <b>1</b>    |
|   | NO SUITABLE RECIPIENT    | 81         | 121        | 13        | 102        | 6         | 45         | 6         | 36         | <b>410</b>  |
|   | PATHOLOGIST RESTRICTION  | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | POOR FUNCTION            | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 1          | <b>1</b>    |
|   | POSITIVE CROSS MATCH     | 0          | 1          | 0         | 0          | 0         | 1          | 0         | 0          | <b>2</b>    |
|   | POSITIVE NAT HCV         | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | POSITIVE SEROLOGY        | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | PREVIOUS MELANOMA        | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | PULMONARY HAEMORRHAGE    | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | SMOKING HISTORY          | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | SOCIAL RISK FACTORS      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 1          | <b>2</b>    |
|   | SURGICALLY UNSUITABLE    | 1          | 0          | 0         | 3          | 0         | 0          | 0         | 0          | <b>4</b>    |
|   | SUSPECTED MALIGNANCY     | 1          | 1          | 1         | 0          | 0         | 0          | 0         | 0          | <b>3</b>    |
|   | SUSPICIOUS LUNG LESION   | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | SUSPICIOUS NODULES FOUND | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | TEAM NOT AVAILABLE       | 3          | 1          | 0         | 0          | 0         | 3          | 0         | 3          | <b>10</b>   |
|   | TRANSPORT UNAVAILABLE    | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0          | <b>1</b>    |
|   | TRAUMA TO ORGAN          | 61         | 40         | 3         | 51         | 3         | 22         | 1         | 22         | <b>203</b>  |
|   | UNSTABLE DONOR           | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | <b>1</b>    |
|   | <b>TOTAL</b>             | <b>565</b> | <b>650</b> | <b>53</b> | <b>505</b> | <b>36</b> | <b>218</b> | <b>22</b> | <b>171</b> | <b>2220</b> |



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**Table 13.0 Cont.**

## REASONS ORGANS NOT RETRIEVED BY DONOR STATE

01 JAN 1989 - 31 DEC 2012

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED      | QLD      | NSW      | ACT      | VIC       | TAS      | SA       | NT       | WA       | TOTAL     |
|---------------------|---------------------------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|
| LUNG (R)            | ABG                       | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | CHEST XRAY                | 0        | 0        | 0        | 4         | 0        | 0        | 0        | 0        | 4         |
|                     | DISEASE OF ORGAN          | 1        | 1        | 0        | 3         | 0        | 2        | 0        | 1        | 8         |
|                     | INFECTION                 | 1        | 1        | 0        | 3         | 0        | 0        | 0        | 0        | 5         |
|                     | MEDICALLY UNSUITABLE      | 2        | 1        | 0        | 1         | 0        | 0        | 0        | 0        | 4         |
|                     | NO SUITABLE RECIPIENT     | 0        | 2        | 0        | 2         | 0        | 0        | 0        | 0        | 4         |
|                     | TRAUMA TO ORGAN           | 5        | 0        | 1        | 1         | 0        | 0        | 0        | 0        | 7         |
|                     | <b>TOTAL</b>              | <b>9</b> | <b>5</b> | <b>1</b> | <b>15</b> | <b>0</b> | <b>2</b> | <b>0</b> | <b>1</b> | <b>33</b> |
| LUNG (L)            | ABG                       | 1        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 2         |
|                     | CHEST XRAY                | 1        | 0        | 0        | 1         | 0        | 0        | 0        | 1        | 3         |
|                     | DISEASE OF ORGAN          | 0        | 2        | 0        | 4         | 0        | 0        | 0        | 1        | 7         |
|                     | INFECTION                 | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | MEDICALLY UNSUITABLE      | 0        | 0        | 0        | 0         | 1        | 1        | 0        | 0        | 2         |
|                     | NO SUITABLE RECIPIENT     | 0        | 3        | 0        | 7         | 0        | 0        | 0        | 1        | 11        |
|                     | PARTIAL LOBECTOMY         | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | TRAUMA TO ORGAN           | 2        | 4        | 0        | 6         | 0        | 1        | 0        | 1        | 14        |
|                     | <b>TOTAL</b>              | <b>4</b> | <b>9</b> | <b>0</b> | <b>21</b> | <b>1</b> | <b>2</b> | <b>0</b> | <b>4</b> | <b>41</b> |
| PANCREAS            | ABG                       | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|                     | ACTIVE TUBERCULOSIS       | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|                     | AGE OF DONOR              | 123      | 201      | 13       | 119       | 3        | 27       | 5        | 4        | 495       |
|                     | BIOCHEMISTRY              | 22       | 24       | 1        | 23        | 2        | 7        | 0        | 1        | 80        |
|                     | CARDIAC ARREST            | 1        | 10       | 3        | 5         | 0        | 0        | 0        | 2        | 21        |
|                     | CONCURRENT DONORS         | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | CONSENT WITHDRAWN         | 0        | 0        | 0        | 0         | 0        | 0        | 0        | 1        | 1         |
|                     | CORONER REFUSAL           | 1        | 2        | 0        | 0         | 0        | 2        | 0        | 0        | 5         |
|                     | DCD DONOR                 | 0        | 7        | 3        | 35        | 0        | 4        | 0        | 1        | 50        |
|                     | DCD-LUNG PROTOCOL ONLY    | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | DID NOT DIE WITHIN TIME   | 0        | 0        | 1        | 0         | 0        | 1        | 0        | 0        | 2         |
|                     | DISEASE OF ORGAN          | 38       | 123      | 11       | 35        | 5        | 6        | 0        | 11       | 229       |
|                     | DISTANCE                  | 7        | 0        | 0        | 0         | 0        | 0        | 1        | 0        | 8         |
|                     | DOING TRIPLE TRANSPLANT   | 1        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|                     | DONOR EXSANGUINATED       | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | DONOR SIZE                | 0        | 0        | 0        | 3         | 0        | 0        | 0        | 0        | 3         |
|                     | DONOR SMALL SIZE          | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | DONOR UNSTABLE            | 9        | 8        | 0        | 2         | 0        | 5        | 0        | 1        | 25        |
|                     | DONOR WEIGHT              | 0        | 0        | 0        | 1         | 1        | 0        | 0        | 0        | 2         |
|                     | EQUIPMENT ISSUES          | 1        | 5        | 0        | 1         | 1        | 0        | 0        | 1        | 9         |
|                     | EXTENDED ISCHAEMIC TIME   | 3        | 5        | 2        | 8         | 1        | 0        | 1        | 4        | 24        |
|                     | FLIGHT CURFEW             | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | FLIGHT UNSUITABLE         | 0        | 0        | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|                     | GESTATIONAL DIABETES      | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|                     | HBV POSITIVE-HCV POSITIVE | 0        | 1        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|                     | HEP C RESULTS EQUIVOCAL   | 1        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 1         |



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**Table 13.0 Cont.**

## REASONS ORGANS NOT RETRIEVED BY DONOR STATE

**1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT RERIEVED | REASON NOT RETRIEVED      | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA        | TOTAL       |
|--------------------|---------------------------|------------|------------|-----------|------------|-----------|------------|-----------|-----------|-------------|
| <b>PANCREAS</b>    | HEPATITIS B CORE ANTIBODY | 0          | 0          | 1         | 2          | 0         | 0          | 0         | 0         | 3           |
|                    | HEPATITIS C POSITIVE      | 1          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 2           |
|                    | HIGH RISK BEHAVIOUR       | 0          | 1          | 0         | 5          | 0         | 0          | 0         | 0         | 6           |
|                    | HYPOTENSION               | 5          | 9          | 0         | 3          | 0         | 1          | 0         | 0         | 18          |
|                    | HYPOXIC TIME              | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | INFECTION                 | 6          | 5          | 0         | 4          | 0         | 7          | 0         | 1         | 23          |
|                    | INOTROPIC SUPPORT         | 2          | 11         | 0         | 7          | 0         | 1          | 0         | 1         | 22          |
|                    | ISCHAEMIC BOWEL-THEATRE   | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | ISLET MACHINE PROBLEMS    | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | 1           |
|                    | ISLET MEDIA UNAVAILABLE   | 1          | 5          | 0         | 2          | 0         | 0          | 0         | 1         | 9           |
|                    | IV DRUG USER              | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|                    | KIDNEY-LIVER TRANSPLANT   | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | 1           |
|                    | LABORATORY UNAVAILABLE    | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | LOGISTICS                 | 276        | 132        | 13        | 22         | 1         | 23         | 6         | 6         | 479         |
|                    | LOGISTICS-EXCEEDED QUOTA  | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | LOW WEIGHT                | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|                    | MALIGNANCY                | 6          | 0          | 0         | 3          | 0         | 3          | 0         | 0         | 12          |
|                    | MEDICALLY UNSUITABLE      | 16         | 54         | 7         | 35         | 3         | 13         | 2         | 14        | 144         |
|                    | MULTIPLE OFFER INTERSTATE | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | NO PERFUSION FLUID        | 0          | 0          | 1         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | NO SUITABLE RECIPIENT     | 65         | 97         | 6         | 120        | 6         | 18         | 1         | 21        | 334         |
|                    | NO TIME FOR CROSSMATCHING | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | NOT OFFERED-SINGLE KIDNEY | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | NOT REFERRED-?CAUSE DEATH | 0          | 0          | 0         | 1          | 0         | 0          | 0         | 0         | 1           |
|                    | NSW TX NUMBER REACHED     | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | PLANNED SPLIT LIVER       | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | POSITIVE CROSS MATCH      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | POSITIVE SEROLOGY         | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | PRIORITY LIVER TRANSPLANT | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | REASON UNKNOWN            | 0          | 0          | 0         | 0          | 0         | 0          | 1         | 0         | 1           |
|                    | SOCIAL RISK FACTORS       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 2         | 2           |
|                    | SPLIT LIVER               | 2          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 2           |
|                    | SPLIT LIVER PERFORMED     | 12         | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 12          |
|                    | SURGEON AND TIMING        | 0          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | 1           |
|                    | SURGEON NOT INFORMED      | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | SURGEON UNAVAILABLE       | 4          | 1          | 0         | 1          | 0         | 0          | 0         | 4         | 10          |
|                    | SURGICAL CONSTRAINTS      | 1          | 0          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | SURGICALLY UNSUITABLE     | 23         | 2          | 0         | 5          | 0         | 4          | 0         | 2         | 36          |
|                    | SUSPECTED MALIGNANCY      | 1          | 1          | 1         | 0          | 0         | 0          | 0         | 0         | 3           |
|                    | TEAM NOT AVAILABLE        | 43         | 35         | 2         | 21         | 3         | 15         | 2         | 17        | 138         |
|                    | TECHNICAL PROBLEMS        | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0         | 1           |
|                    | THEATRE CONSTRAINTS       | 0          | 0          | 0         | 0          | 0         | 2          | 0         | 0         | 2           |
|                    | TIME CONSTRAINTS          | 7          | 0          | 0         | 0          | 0         | 1          | 0         | 1         | 9           |
|                    | TRANSPORT UNAVAILABLE     | 2          | 0          | 0         | 0          | 0         | 1          | 0         | 0         | 3           |
|                    | TRAUMA TO ORGAN           | 16         | 12         | 0         | 7          | 0         | 7          | 1         | 3         | 46          |
|                    | <b>TOTAL</b>              | <b>706</b> | <b>758</b> | <b>65</b> | <b>479</b> | <b>26</b> | <b>151</b> | <b>20</b> | <b>99</b> | <b>2304</b> |



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**Table 13.0 Cont.**

**REASONS ORGANS NOT RETRIEVED BY DONOR STATE**  
**1 JAN 1989 - 31 DEC 2012**

| ORGAN NOT RERIEVED | REASON NOT RETRIEVED     | QLD      | NSW      | ACT      | VIC        | TAS       | SA       | NT       | WA       | TOTAL      |
|--------------------|--------------------------|----------|----------|----------|------------|-----------|----------|----------|----------|------------|
| <b>INTESTINES</b>  | AGE OF DONOR             | 0        | 0        | 0        | 19         | 2         | 0        | 0        | 0        | <b>21</b>  |
|                    | BIOCHEMISTRY             | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | CARDIAC ARREST           | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | DCD DONOR                | 0        | 0        | 0        | 10         | 0         | 0        | 0        | 0        | <b>10</b>  |
|                    | DISEASE OF ORGAN         | 0        | 0        | 0        | 4          | 2         | 0        | 0        | 0        | <b>6</b>   |
|                    | DONOR SIZE               | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | DONOR UNSTABLE           | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | EXTENDED ISCHAEMIC TIME  | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | HIGH RISK BEHAVIOUR      | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | INFECTION                | 0        | 0        | 0        | 1          | 1         | 0        | 0        | 0        | <b>2</b>   |
|                    | INOTROPIC SUPPORT        | 0        | 0        | 0        | 2          | 0         | 0        | 0        | 0        | <b>2</b>   |
|                    | IV DRUG USER             | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | LIVER TRANSPLANTED       | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | LOGISTICS                | 2        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>3</b>   |
|                    | MALIGNANCY               | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | MARGINAL DONOR           | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | MEDICALLY UNSUITABLE     | 0        | 0        | 0        | 7          | 0         | 0        | 0        | 0        | <b>7</b>   |
|                    | MULTIPLE DONORS          | 0        | 0        | 0        | 2          | 0         | 0        | 0        | 0        | <b>2</b>   |
|                    | NO SUITABLE RECIPIENT    | 0        | 0        | 0        | 78         | 4         | 0        | 0        | 0        | <b>82</b>  |
|                    | PRESCRIPTION ABUSE       | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | PRIORITY LIVER RECIPIENT | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | PRIORITY POTENTIAL LIVER | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | STAFF OVERSIGHT          | 0        | 1        | 0        | 0          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | SURGEON UNAVAILABLE      | 0        | 0        | 0        | 4          | 0         | 0        | 0        | 0        | <b>4</b>   |
|                    | SURGICALLY UNSUITABLE    | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | TASMANIAN DONOR          | 0        | 0        | 0        | 0          | 1         | 0        | 0        | 0        | <b>1</b>   |
|                    | TEAM NOT AVAILABLE       | 0        | 0        | 0        | 19         | 7         | 0        | 0        | 0        | <b>26</b>  |
|                    | TRAUMA TO ORGAN          | 0        | 0        | 0        | 1          | 0         | 0        | 0        | 0        | <b>1</b>   |
|                    | <b>TOTAL</b>             | <b>2</b> | <b>1</b> | <b>0</b> | <b>162</b> | <b>17</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>182</b> |

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**Table 13.1**

**REASONS TISSUE NOT RETRIEVED BY DONOR STATE**  
**1 JAN 1989 - 31 DEC 2012**

| TISSUE NOT RETRIEVED | REASON NOT RETRIEVED      | QLD      | NSW      | ACT      | VIC      | TAS      | SA       | NT       | WA       | TOTAL    |
|----------------------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>CORNEA (L)</b>    | DISEASE OF ORGAN          | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 3        |
|                      | LOGISTICS                 | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | PREVIOUS SURGERY          | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        |
|                      | TRAUMA TO ORGAN           | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 2        |
|                      | <b>TOTAL</b>              | <b>2</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>7</b> |
| <b>CORNEA (R)</b>    | LOGISTICS                 | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | PREVIOUS SURGERY          | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1        |
|                      | TRAUMA TO ORGAN           | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1        |
|                      | <b>TOTAL</b>              | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>3</b> |
| <b>BONE</b>          | AGE OF DONOR              | 49       | 6        | 0        | 7        | 0        | 3        | 0        | 4        | 69       |
|                      | AUTOIMMUNE DISEASE        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | AUTOPSY                   | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | BIOCHEMISTRY              | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 3        |
|                      | CONSENT WITHDRAWN         | 0        | 3        | 0        | 2        | 0        | 0        | 0        | 0        | 5        |
|                      | CORONER REFUSAL           | 4        | 2        | 0        | 1        | 0        | 2        | 0        | 0        | 9        |
|                      | DISEASE OF ORGAN          | 6        | 13       | 0        | 3        | 0        | 2        | 0        | 8        | 32       |
|                      | DISTANCE                  | 12       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 12       |
|                      | DRUG USER                 | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | EXCLUSION CRITERIA        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3        |
|                      | EYE TISSUE RETRIEVED      | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | FAMILY REFUSAL            | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | FUNERAL TIMING            | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | HAEMODILUTED              | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | HAEMODILUTION             | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | HBV POSITIVE-HCV POSITIVE | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | HEPATITIS B CORE ANTIBODY | 4        | 1        | 0        | 2        | 0        | 0        | 0        | 0        | 7        |
|                      | HEPATITIS C POSITIVE      | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |
|                      | HIGH RISK BEHAVIOUR       | 0        | 2        | 0        | 2        | 0        | 0        | 0        | 0        | 4        |
|                      | HISTORY OF MARFANS        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | INFECTION                 | 27       | 14       | 0        | 6        | 0        | 4        | 0        | 7        | 58       |
|                      | INTERPRETER NEEDED        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | IV DRUG USE               | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | LOGISTICS                 | 152      | 47       | 4        | 24       | 0        | 12       | 3        | 6        | 248      |
|                      | MALIGNANCY                | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6        |
|                      | MEDICALLY UNSUITABLE      | 60       | 21       | 0        | 38       | 2        | 3        | 0        | 29       | 153      |
|                      | MULTIPLE SCLEROSIS        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | NAT TESTING REQUIREMENTS  | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3        |
|                      | NO RETRIEVAL FACILITIES   | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
|                      | NO SEROLOGY SPECIMEN      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 1        |
|                      | NO SERVICE                | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 2        |
|                      | NO STORAGE SOLUTION       | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | NO SUITABLE RECIPIENT     | 0        | 0        | 0        | 4        | 0        | 1        | 0        | 1        | 6        |
|                      | NON CORONER CASE          | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1        |
|                      | PAST HISTORY MALIGNANCY   | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1        |

**Table 13.1 Cont.**

| REASONS TISSUE NOT RETRIEVED BY DONOR STATE |                           |            |            |           |            |           |            |          |           |            |
|---|---------------------------|------------|------------|-----------|------------|-----------|------------|----------|-----------|------------|
| 01 JAN 1989 - 31 DEC 2012                   |                           |            |            |           |            |           |            |          |           |            |
| TISSUE NOT RETRIEVED                        | REASON NOT RETRIEVED      | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT       | WA        | TOTAL      |
| HEART VALVES                                | ABNORMAL ECHOCARDIOGRAM   | 0          | 1          | 0         | 1          | 0         | 0          | 0        | 1         | 3          |
|   | AGE OF DONOR              | 42         | 44         | 4         | 61         | 1         | 11         | 1        | 2         | 166        |
|   | AUTOIMMUNE DISEASE        | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | BIOCHEMISTRY              | 0          | 1          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | BLOOD TEST NOT DONE       | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 0         | 1          |
|   | CARDIAC ARREST            | 2          | 3          | 0         | 0          | 0         | 0          | 0        | 0         | 5          |
|   | CONSENT WITHDRAWN         | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 1         | 2          |
|   | CORONER REFUSAL           | 7          | 14         | 3         | 4          | 0         | 4          | 0        | 1         | 33         |
|   | DISEASE OF ORGAN          | 16         | 32         | 2         | 14         | 1         | 12         | 0        | 7         | 84         |
|   | DISTANCE                  | 2          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 2          |
|   | DONOR UNSTABLE            | 0          | 1          | 0         | 0          | 0         | 0          | 0        | 1         | 2          |
|   | DRUG USER                 | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | EXCLUSION CRITERIA        | 2          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 2          |
|   | EXTENDED ISCHAEMIC TIME   | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 0         | 1          |
|   | FAMILY REQUEST            | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | HAEMODILUTION             | 1          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | HBV POSITIVE-HCV POSITIVE | 0          | 1          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | HEART TRANSPLANTED        | 74         | 75         | 6         | 90         | 14        | 35         | 3        | 21        | 318        |
|   | HEART USED FOR RESEARCH   | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | HEPATITIS B CORE ANTIBODY | 5          | 1          | 0         | 3          | 0         | 0          | 0        | 0         | 9          |
|   | HEPATITIS C POSITIVE      | 1          | 1          | 0         | 2          | 0         | 0          | 0        | 0         | 4          |
|   | HEPATITIS C SEROLOGY      | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | HIGH RISK BEHAVIOUR       | 0          | 3          | 0         | 7          | 0         | 0          | 0        | 0         | 10         |
|   | HISTORY OF MARFANS        | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | INFECTION                 | 29         | 23         | 0         | 21         | 2         | 5          | 0        | 7         | 87         |
|   | INOTROPIC SUPPORT         | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 0         | 1          |
|   | INTERPRETER NEEDED        | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | IV DRUG USE               | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | LOGISTICS                 | 2          | 3          | 0         | 3          | 0         | 8          | 2        | 1         | 19         |
|   | MALIGNANCY                | 5          | 2          | 0         | 2          | 0         | 0          | 0        | 0         | 9          |
|   | MEDICALLY UNSUITABLE      | 48         | 37         | 1         | 59         | 5         | 11         | 0        | 6         | 167        |
|   | MULTIPLE SCLEROSIS        | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | NAT TESTING REQUIREMENTS  | 2          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 2          |
|   | NO SEROLOGY SAMPLE        | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 0         | 1          |
|   | NO SUITABLE RECIPIENT     | 0          | 0          | 0         | 0          | 0         | 1          | 0        | 0         | 1          |
|   | PAST HISTORY UNAVAILABLE  | 1          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | PATHOLOGIST REFUSAL       | 1          | 0          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | PATHOLOGIST RESTRICTION   | 0          | 1          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | POSITIVE LUPUS RESULT     | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | POSITIVE SEROLOGY         | 0          | 2          | 1         | 0          | 0         | 0          | 0        | 1         | 4          |
|   | PREVIOUS LUNG TRANSPLANT  | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | PREVIOUS SURGERY          | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | PREVIOUS VALVE TRANSPLANT | 0          | 0          | 1         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | RELOCATION RESEARCH LAB   | 0          | 0          | 0         | 1          | 1         | 0          | 0        | 0         | 2          |
|   | REQUIRED FOR AUTOPSY      | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | SEROLOGY RESULTS          | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | SOCIAL RISK FACTORS       | 1          | 1          | 0         | 2          | 0         | 0          | 0        | 1         | 5          |
|   | SUSPECTED MALIGNANCY      | 1          | 1          | 1         | 0          | 0         | 0          | 0        | 0         | 3          |
|   | SUSPICIOUS NODULES FOUND  | 0          | 1          | 0         | 0          | 0         | 0          | 0        | 0         | 1          |
|   | TEAM NOT AVAILABLE        | 0          | 0          | 0         | 3          | 0         | 8          | 0        | 0         | 11         |
|   | TRAUMA TO ORGAN           | 1          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 2          |
|   | TRAVEL HISTORY            | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | UNCERTAINTY CAUSE DEATH   | 0          | 0          | 0         | 1          | 0         | 0          | 0        | 0         | 1          |
|   | <b>TOTAL</b>              | <b>243</b> | <b>248</b> | <b>19</b> | <b>290</b> | <b>24</b> | <b>100</b> | <b>6</b> | <b>50</b> | <b>980</b> |

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**Table 14.0**

## REASONS ORGANS AND TISSUE NOT RETRIEVED BY DONOR STATE

**1 JAN 2012 - 31 DEC 2012**

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED     | QLD       | NSW       | ACT      | VIC       | TAS      | SA       | NT       | WA       | TOTAL      |
|---------------------|--------------------------|-----------|-----------|----------|-----------|----------|----------|----------|----------|------------|
| KIDNEY (L)          | ACTIVE TUBERCULOSIS      | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | DISEASE OF ORGAN         | 0         | 6         | 1        | 2         | 0        | 1        | 0        | 0        | 10         |
|                     | INFECTION                | 2         | 2         | 0        | 0         | 0        | 0        | 0        | 1        | 5          |
|                     | ISCHAEMIC BOWEL-THEATRE  | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | MALIGNANCY               | 1         | 1         | 0        | 2         | 0        | 0        | 0        | 0        | 4          |
|                     | MEDICALLY UNSUITABLE     | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | TRAUMA TO ORGAN          | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | <b>TOTAL</b>             | <b>6</b>  | <b>11</b> | <b>1</b> | <b>4</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>24</b>  |
| KIDNEY (R)          | ABSENT (R) KIDNEY        | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | ACTIVE TUBERCULOSIS      | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | DISEASE OF ORGAN         | 0         | 6         | 1        | 2         | 0        | 1        | 0        | 0        | 10         |
|                     | INFECTION                | 2         | 2         | 0        | 0         | 0        | 0        | 0        | 1        | 5          |
|                     | ISCHAEMIC BOWEL-THEATRE  | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | MALIGNANCY               | 1         | 1         | 0        | 2         | 0        | 0        | 0        | 0        | 4          |
|                     | MEDICALLY UNSUITABLE     | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | NO SUITABLE RECIPIENT    | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1          |
|                     | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | TRAUMA TO ORGAN          | 2         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 3          |
|                     | <b>TOTAL</b>             | <b>7</b>  | <b>13</b> | <b>1</b> | <b>5</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>1</b> | <b>28</b>  |
| LIVER               | ABG                      | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | ACTIVE TUBERCULOSIS      | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | AGE OF DONOR             | 7         | 4         | 0        | 1         | 0        | 1        | 0        | 0        | 13         |
|                     | BIOCHEMISTRY             | 1         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 2          |
|                     | CORONER REFUSAL          | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | DCD DONOR                | 1         | 0         | 0        | 8         | 0        | 0        | 0        | 1        | 10         |
|                     | DISEASE OF ORGAN         | 7         | 18        | 3        | 13        | 3        | 2        | 0        | 2        | 48         |
|                     | DONOR UNSTABLE           | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | EXTENDED ISCHAEMIC TIME  | 0         | 2         | 0        | 3         | 0        | 0        | 0        | 1        | 6          |
|                     | INFECTION                | 1         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 2          |
|                     | ISCHAEMIC BOWEL-THEATRE  | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | MALIGNANCY               | 2         | 1         | 0        | 1         | 0        | 0        | 0        | 0        | 4          |
|                     | MEDICALLY UNSUITABLE     | 2         | 0         | 1        | 1         | 0        | 1        | 0        | 0        | 5          |
|                     | NO SUITABLE RECIPIENT    | 1         | 1         | 0        | 1         | 0        | 0        | 0        | 2        | 5          |
|                     | POSITIVE NAT HCV         | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | SIZE OF DONOR            | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1          |
|                     | SURGICALLY UNSUITABLE    | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1          |
|                     | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1          |
|                     | TEAM NOT AVAILABLE       | 1         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 2          |
|                     | TRANSPORT PROBLEMS       | 0         | 2         | 0        | 0         | 0        | 0        | 0        | 0        | 2          |
|                     | TRAUMA TO ORGAN          | 0         | 0         | 0        | 0         | 0        | 1        | 0        | 2        | 3          |
|                     | <b>TOTAL</b>             | <b>28</b> | <b>32</b> | <b>4</b> | <b>31</b> | <b>3</b> | <b>5</b> | <b>0</b> | <b>8</b> | <b>111</b> |

**Table 14.0 Cont.**

**REASONS ORGANS AND TISSUE NOT RETRIEVED BY DONOR STATE  
1 JAN 2012 - 31 DEC 2012**

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED     | QLD       | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA        | TOTAL      |
|---------------------|--------------------------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| <b>HEART</b>        | ABNORMAL ECHOCARDIOGRAM  | 10        | 5         | 0        | 4         | 0        | 0         | 0        | 0         | 19         |
|                     | ABNORMAL FUNCTION        | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | AGE OF DONOR             | 6         | 9         | 1        | 6         | 0        | 2         | 0        | 1         | 25         |
|                     | CARDIAC ARREST           | 3         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 4          |
|                     | CORONER REFUSAL          | 1         | 0         | 0        | 2         | 0        | 0         | 0        | 0         | 3          |
|                     | DCD DONOR                | 12        | 8         | 1        | 18        | 0        | 2         | 0        | 1         | 42         |
|                     | DISEASE OF ORGAN         | 1         | 18        | 1        | 6         | 3        | 2         | 1        | 2         | 34         |
|                     | DONOR UNSTABLE           | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | ECG                      | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | INFECTION                | 1         | 1         | 0        | 0         | 0        | 0         | 0        | 1         | 3          |
|                     | INOTROPIC SUPPORT        | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 1          |
|                     | MALIGNANCY               | 2         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 3          |
|                     | MEDICALLY UNSUITABLE     | 3         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 4          |
|                     | NO SUITABLE RECIPIENT    | 3         | 2         | 0        | 10        | 2        | 1         | 0        | 4         | 22         |
|                     | TECHNICAL DIFFICULTIES   | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | TRAUMA TO ORGAN          | 3         | 0         | 0        | 0         | 0        | 1         | 0        | 1         | 5          |
|                     | VENTRICULAR DYSFUNCTION  | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | <b>TOTAL</b>             | <b>50</b> | <b>44</b> | <b>3</b> | <b>47</b> | <b>5</b> | <b>10</b> | <b>1</b> | <b>10</b> | <b>170</b> |
| <b>LUNGS</b>        | ABG                      | 8         | 10        | 2        | 6         | 0        | 2         | 0        | 0         | 28         |
|                     | ACTIVE TUBERCULOSIS      | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | AGE OF DONOR             | 3         | 0         | 0        | 3         | 0        | 0         | 0        | 1         | 7          |
|                     | CHEST XRAY               | 3         | 0         | 0        | 1         | 0        | 1         | 0        | 0         | 5          |
|                     | CORONER REFUSAL          | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | DISEASE OF ORGAN         | 2         | 22        | 2        | 17        | 0        | 1         | 0        | 4         | 48         |
|                     | DISTANCE                 | 0         | 0         | 0        | 0         | 0        | 0         | 1        | 0         | 1          |
|                     | EXTENDED ISCHAEMIC TIME  | 1         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 2          |
|                     | FUNCTIONED DETERIORATED  | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 1          |
|                     | INFECTION                | 6         | 4         | 0        | 0         | 0        | 0         | 0        | 3         | 13         |
|                     | MALIGNANCY               | 2         | 0         | 0        | 2         | 0        | 0         | 0        | 0         | 4          |
|                     | MEDICALLY UNSUITABLE     | 3         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 4          |
|                     | NO SUITABLE RECIPIENT    | 4         | 6         | 3        | 6         | 0        | 1         | 0        | 3         | 23         |
|                     | POSITIVE NAT HCV         | 1         | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | SMOKING HISTORY          | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0         | 1          |
|                     | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0         | 1          |
|                     | TRAUMA TO ORGAN          | 6         | 0         | 0        | 2         | 0        | 1         | 0        | 3         | 12         |
|                     | <b>TOTAL</b>             | <b>40</b> | <b>44</b> | <b>7</b> | <b>39</b> | <b>0</b> | <b>8</b>  | <b>1</b> | <b>14</b> | <b>153</b> |
| <b>LUNG (L)</b>     | DISEASE OF ORGAN         | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0         | 1          |
|                     | <b>TOTAL</b>             | <b>0</b>  | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>0</b> | <b>1</b>  | <b>0</b> | <b>0</b>  | <b>1</b>   |

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**Table 14.0 Cont.**

## REASONS ORGANS AND TISSUE NOT RETRIEVED BY DONOR STATE 1 JAN 2012 - 31 DEC 2012

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED      | QLD       | NSW       | ACT      | VIC       | TAS      | SA       | NT       | WA        | TOTAL      |
|---------------------|---------------------------|-----------|-----------|----------|-----------|----------|----------|----------|-----------|------------|
| PANCREAS            | ABG                       | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | ACTIVE TUBERCULOSIS       | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | AGE OF DONOR              | 9         | 12        | 1        | 10        | 2        | 1        | 0        | 1         | 36         |
|                     | BIOCHEMISTRY              | 2         | 0         | 0        | 5         | 0        | 0        | 0        | 0         | 7          |
|                     | CARDIAC ARREST            | 1         | 4         | 1        | 1         | 0        | 0        | 0        | 0         | 7          |
|                     | CONCURRENT DONORS         | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | CORONER REFUSAL           | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | DCD DONOR                 | 0         | 2         | 0        | 15        | 0        | 0        | 0        | 1         | 18         |
|                     | DISEASE OF ORGAN          | 4         | 16        | 1        | 6         | 1        | 0        | 0        | 1         | 29         |
|                     | DISTANCE                  | 0         | 0         | 0        | 0         | 0        | 0        | 1        | 0         | 1          |
|                     | DONOR SMALL SIZE          | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | DONOR UNSTABLE            | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | DONOR WEIGHT              | 0         | 0         | 0        | 0         | 1        | 0        | 0        | 0         | 1          |
|                     | EXTENDED ISCHAEMIC TIME   | 3         | 3         | 0        | 5         | 0        | 0        | 1        | 1         | 13         |
|                     | FLIGHT CURFEW             | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | FLIGHT UNSUITABLE         | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | HYPOTENSION               | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | INFECTION                 | 1         | 2         | 0        | 1         | 0        | 0        | 0        | 0         | 4          |
|                     | INOTROPIC SUPPORT         | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | ISCHAEMIC BOWEL-THEATRE   | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | IV DRUG USER              | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | LABORATORY UNAVAILABLE    | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | LOGISTICS-EXCEEDED QUOTA  | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | LOW WEIGHT                | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | MALIGNANCY                | 2         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 3          |
|                     | MEDICALLY UNSUITABLE      | 3         | 3         | 0        | 0         | 0        | 1        | 1        | 2         | 10         |
|                     | NO PERFUSION FLUID        | 0         | 0         | 1        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | NO SUITABLE RECIPIENT     | 1         | 1         | 0        | 7         | 0        | 1        | 0        | 4         | 14         |
|                     | NO TIME FOR CROSSMATCHING | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | PLANNED SPLIT LIVER       | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | SOCIAL RISK FACTORS       | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 1         | 1          |
|                     | SPLIT LIVER               | 2         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 2          |
|                     | SPLIT LIVER PERFORMED     | 2         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 2          |
|                     | SURGICAL CONSTRAINTS      | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | SURGICALLY UNSUITABLE     | 3         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 3          |
|                     | TEAM NOT AVAILABLE        | 4         | 1         | 0        | 3         | 1        | 1        | 0        | 0         | 10         |
|                     | TIME CONSTRAINTS          | 3         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 3          |
|                     | TRAUMA TO ORGAN           | 2         | 0         | 0        | 0         | 0        | 2        | 0        | 1         | 5          |
|                     | <b>TOTAL</b>              | <b>50</b> | <b>47</b> | <b>4</b> | <b>61</b> | <b>5</b> | <b>6</b> | <b>3</b> | <b>12</b> | <b>188</b> |
| INTESTINES          | AGE OF DONOR              | 0         | 0         | 0        | 5         | 0        | 0        | 0        | 0         | 5          |
|                     | DCD DONOR                 | 0         | 0         | 0        | 3         | 0        | 0        | 0        | 0         | 3          |
|                     | DISEASE OF ORGAN          | 0         | 0         | 0        | 1         | 1        | 0        | 0        | 0         | 2          |
|                     | IV DRUG USER              | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | LOGISTICS                 | 2         | 0         | 0        | 0         | 0        | 0        | 0        | 0         | 2          |
|                     | MALIGNANCY                | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | NO SUITABLE RECIPIENT     | 0         | 0         | 0        | 15        | 2        | 0        | 0        | 0         | 17         |
|                     | PRESCRIPTION ABUSE        | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0         | 1          |
|                     | STAFF OVERSIGHT           | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0         | 1          |
|                     | <b>TOTAL</b>              | <b>2</b>  | <b>1</b>  | <b>0</b> | <b>27</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>33</b>  |

**Table 14.0 Cont.**

| <b>REASONS ORGANS AND TISSUE NOT RETRIEVED BY DONOR STATE</b><br><b>1 JAN 2012 - 31 DEC 2012</b> |                          |           |           |          |           |          |          |          |          |           |
|--|--------------------------|-----------|-----------|----------|-----------|----------|----------|----------|----------|-----------|
| ORGAN NOT RETRIEVED  | REASON NOT RETRIEVED     | QLD       | NSW       | ACT      | VIC       | TAS      | SA       | NT       | WA       | TOTAL     |
| <b>STOMACH-INTESTINES</b>  | AGE OF DONOR             | 0         | 0         | 0        | 5         | 0        | 0        | 0        | 0        | 5         |
|  | DCD DONOR                | 0         | 0         | 0        | 3         | 0        | 0        | 0        | 0        | 3         |
|  | DISEASE OF ORGAN         | 0         | 0         | 0        | 1         | 1        | 0        | 0        | 0        | 2         |
|  | INTESTINES TRANSPLANTED  | 0         | 0         | 0        | 0         | 1        | 0        | 0        | 0        | 1         |
|  | IV DRUG USER             | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | LOGISTICS                | 2         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 2         |
|  | MALIGNANCY               | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | NO SUITABLE RECIPIENT    | 0         | 0         | 0        | 15        | 2        | 0        | 0        | 0        | 17        |
|  | PRESCRIPTION ABUSE       | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | STAFF OVERSIGHT          | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | <b>TOTAL</b>             | <b>2</b>  | <b>1</b>  | <b>0</b> | <b>27</b> | <b>4</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>34</b> |
| <b>EYE-CORNEA</b>  | CORONER REFUSAL          | 1         | 0         | 1        | 1         | 0        | 0        | 0        | 0        | 3         |
|  | CORONIAL REFUSAL         | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | DISEASE OF ORGAN         | 0         | 4         | 0        | 0         | 0        | 1        | 0        | 0        | 5         |
|  | DISTANCE                 | 5         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 5         |
|  | HEPATITIS C SEROLOGY     | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | HIGH RISK BEHAVIOUR      | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | HISTORY OF MARFANS       | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | INFECTION                | 8         | 6         | 0        | 0         | 0        | 1        | 0        | 0        | 15        |
|  | LOGISTICS                | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | MEDICALLY UNSUITABLE     | 8         | 7         | 0        | 1         | 1        | 0        | 0        | 0        | 17        |
|  | NO SERVICE               | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | NOT REQUIRED             | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | PATHOLOGIST RESTRICTION  | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | SEROLOGY RESULTS         | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | TEAM NOT AVAILABLE       | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | TRAUMA TO ORGAN          | 0         | 1         | 0        | 0         | 0        | 1        | 0        | 0        | 2         |
|  | <b>TOTAL</b>             | <b>24</b> | <b>21</b> | <b>1</b> | <b>7</b>  | <b>1</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>57</b> |
| <b>CORNEA (L)</b>  | DISEASE OF ORGAN         | 0         | 0         | 1        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | <b>TOTAL</b>             | <b>0</b>  | <b>0</b>  | <b>1</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b>  |
| <b>BONE</b>  | AGE OF DONOR             | 0         | 1         | 0        | 2         | 0        | 0        | 0        | 0        | 3         |
|  | AUTOIMMUNE DISEASE       | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | CORONER REFUSAL          | 2         | 2         | 0        | 1         | 0        | 0        | 0        | 0        | 5         |
|  | DISEASE OF ORGAN         | 0         | 10        | 0        | 0         | 0        | 0        | 0        | 0        | 10        |
|  | DISTANCE                 | 4         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 4         |
|  | DRUG USER                | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | FUNERAL TIMING           | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | HAEMODILUTED             | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | HIGH RISK BEHAVIOUR      | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | HISTORY OF MARFANS       | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | INFECTION                | 7         | 4         | 0        | 1         | 0        | 0        | 0        | 1        | 13        |
|  | INTERPRETER NEEDED       | 0         | 0         | 0        | 1         | 0        | 0        | 0        | 0        | 1         |
|  | LOGISTICS                | 2         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 3         |
|  | MALIGNANCY               | 1         | 0         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | MEDICALLY UNSUITABLE     | 12        | 7         | 0        | 9         | 0        | 0        | 0        | 2        | 30        |
|  | NO SERVICE               | 0         | 2         | 0        | 0         | 0        | 0        | 0        | 0        | 2         |
|  | SKIN SCC                 | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | SOCIAL RISK FACTORS      | 0         | 0         | 0        | 0         | 0        | 0        | 0        | 1        | 1         |
|  | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | TEAM NOT AVAILABLE       | 1         | 6         | 1        | 0         | 0        | 0        | 0        | 0        | 8         |
|  | TRAUMA TO ORGAN          | 0         | 1         | 0        | 0         | 0        | 0        | 0        | 0        | 1         |
|  | <b>TOTAL</b>             | <b>30</b> | <b>37</b> | <b>1</b> | <b>18</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4</b> | <b>90</b> |



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**Table 14.0 Cont.**

**REASONS ORGANS AND TISSUE NOT RETRIEVED BY DONOR STATE  
1 JAN 2012 - 31 DEC 2012**

| ORGAN NOT RETRIEVED | REASON NOT RETRIEVED     | QLD       | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA       | TOTAL      |
|---------------------|--------------------------|-----------|-----------|----------|-----------|----------|-----------|----------|----------|------------|
| <b>HEART VALVES</b> | ABNORMAL ECHOCARDIOGRAM  | 0         | 1         | 0        | 1         | 0        | 0         | 0        | 0        | <b>2</b>   |
|                     | AGE OF DONOR             | 6         | 8         | 1        | 3         | 0        | 1         | 0        | 1        | <b>20</b>  |
|                     | AUTOIMMUNE DISEASE       | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | CARDIAC ARREST           | 1         | 1         | 0        | 0         | 0        | 0         | 0        | 0        | <b>2</b>   |
|                     | CORONER REFUSAL          | 1         | 0         | 0        | 2         | 0        | 0         | 0        | 0        | <b>3</b>   |
|                     | DISEASE OF ORGAN         | 1         | 6         | 0        | 0         | 0        | 2         | 0        | 0        | <b>9</b>   |
|                     | DRUG USER                | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | HEART TRANSPLANTED       | 16        | 17        | 2        | 11        | 4        | 8         | 2        | 3        | <b>63</b>  |
|                     | HEPATITIS C SEROLOGY     | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | HIGH RISK BEHAVIOUR      | 0         | 2         | 0        | 0         | 0        | 0         | 0        | 0        | <b>2</b>   |
|                     | HISTORY OF MARFANS       | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | INFECTION                | 12        | 9         | 0        | 4         | 0        | 0         | 0        | 1        | <b>26</b>  |
|                     | INTERPRETER NEEDED       | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | MALIGNANCY               | 2         | 0         | 0        | 0         | 0        | 0         | 0        | 0        | <b>2</b>   |
|                     | MEDICALLY UNSUITABLE     | 13        | 3         | 0        | 12        | 2        | 1         | 0        | 0        | <b>31</b>  |
|                     | SEROLOGY RESULTS         | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | SOCIAL RISK FACTORS      | 0         | 0         | 0        | 0         | 0        | 0         | 0        | 1        | <b>1</b>   |
|                     | SUSPICIOUS NODULES FOUND | 0         | 1         | 0        | 0         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | TEAM NOT AVAILABLE       | 0         | 0         | 0        | 0         | 0        | 1         | 0        | 0        | <b>1</b>   |
|                     | TRAVEL HISTORY           | 0         | 0         | 0        | 1         | 0        | 0         | 0        | 0        | <b>1</b>   |
|                     | <b>TOTAL</b>             | <b>52</b> | <b>48</b> | <b>3</b> | <b>40</b> | <b>6</b> | <b>13</b> | <b>2</b> | <b>6</b> | <b>170</b> |



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**Table 15.0**

## ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM

**AUSTRALIA 1 JAN 1989 - 31 DEC 2012**

### RETRIEVAL STATE TEAM

| ORGANS RETRIEVED | DONOR STATE  | QLD         | NSW         | ACT      | VIC         | TAS       | SA          | NT        | WA         | TOTAL        |
|------------------|--------------|-------------|-------------|----------|-------------|-----------|-------------|-----------|------------|--------------|
| KIDNEYS          | QLD          | 1890        | 83          | 0        | 33          | 0         | 2           | 0         | 0          | 2008         |
|                  | NSW          | 140         | 2680        | 0        | 52          | 0         | 4           | 0         | 0          | 2876         |
|                  | ACT          | 8           | 231         | 0        | 2           | 0         | 2           | 0         | 0          | 243          |
|                  | VIC          | 57          | 39          | 0        | 2297        | 0         | 2           | 0         | 2          | 2397         |
|                  | TAS          | 16          | 14          | 0        | 159         | 12        | 0           | 0         | 0          | 201          |
|                  | SA           | 32          | 53          | 0        | 16          | 0         | 1128        | 0         | 0          | 1229         |
|                  | NT           | 18          | 10          | 0        | 10          | 0         | 40          | 38        | 0          | 116          |
|                  | WA           | 4           | 0           | 0        | 0           | 0         | 0           | 0         | 863        | 867          |
|                  | NZ           | 106         | 36          | 0        | 36          | 0         | 0           | 0         | 2          | 180          |
|                  | <b>TOTAL</b> | <b>2271</b> | <b>3146</b> | <b>0</b> | <b>2605</b> | <b>12</b> | <b>1178</b> | <b>38</b> | <b>867</b> | <b>10117</b> |
| LIVER            | QLD          | 693         | 39          | 0        | 16          | 0         | 1           | 0         | 0          | 749          |
|                  | NSW          | 85          | 861         | 0        | 27          | 0         | 3           | 0         | 0          | 976          |
|                  | ACT          | 5           | 82          | 0        | 2           | 0         | 1           | 0         | 0          | 90           |
|                  | VIC          | 36          | 20          | 0        | 726         | 0         | 2           | 0         | 1          | 785          |
|                  | TAS          | 8           | 7           | 0        | 57          | 0         | 0           | 0         | 0          | 72           |
|                  | SA           | 21          | 22          | 0        | 14          | 0         | 383         | 0         | 0          | 440          |
|                  | NT           | 8           | 4           | 0        | 7           | 0         | 11          | 6         | 0          | 36           |
|                  | WA           | 5           | 1           | 0        | 1           | 0         | 0           | 0         | 300        | 307          |
|                  | NZ           | 56          | 21          | 0        | 18          | 0         | 0           | 0         | 1          | 96           |
|                  | <b>TOTAL</b> | <b>917</b>  | <b>1057</b> | <b>0</b> | <b>868</b>  | <b>0</b>  | <b>401</b>  | <b>6</b>  | <b>302</b> | <b>3551</b>  |
| HEART            | QLD          | 334         | 65          | 0        | 50          | 0         | 0           | 0         | 0          | 449          |
|                  | NSW          | 8           | 546         | 1        | 41          | 0         | 0           | 0         | 0          | 596          |
|                  | ACT          | 1           | 50          | 0        | 6           | 0         | 0           | 0         | 0          | 57           |
|                  | VIC          | 1           | 12          | 0        | 512         | 0         | 0           | 0         | 0          | 525          |
|                  | TAS          | 1           | 0           | 0        | 52          | 0         | 0           | 0         | 0          | 53           |
|                  | SA           | 39          | 69          | 0        | 105         | 0         | 1           | 0         | 16         | 230          |
|                  | NT           | 3           | 2           | 0        | 10          | 0         | 0           | 0         | 3          | 18           |
|                  | WA           | 1           | 5           | 0        | 13          | 0         | 0           | 0         | 157        | 176          |
|                  | NZ           | 1           | 6           | 0        | 11          | 0         | 0           | 0         | 0          | 18           |
|                  | <b>TOTAL</b> | <b>389</b>  | <b>755</b>  | <b>1</b> | <b>800</b>  | <b>0</b>  | <b>1</b>    | <b>0</b>  | <b>176</b> | <b>2122</b>  |
| LUNGS            | QLD          | 215         | 59          | 0        | 51          | 0         | 0           | 0         | 0          | 325          |
|                  | NSW          | 8           | 495         | 0        | 28          | 0         | 0           | 0         | 0          | 531          |
|                  | ACT          | 2           | 44          | 0        | 6           | 0         | 0           | 0         | 0          | 52           |
|                  | VIC          | 3           | 8           | 0        | 476         | 0         | 0           | 0         | 0          | 487          |
|                  | TAS          | 1           | 1           | 0        | 46          | 0         | 0           | 0         | 0          | 48           |
|                  | SA           | 34          | 70          | 0        | 93          | 0         | 0           | 0         | 13         | 210          |
|                  | NT           | 4           | 5           | 0        | 14          | 0         | 0           | 0         | 2          | 25           |
|                  | WA           | 0           | 4           | 0        | 10          | 0         | 0           | 0         | 125        | 139          |
|                  | NZ           | 5           | 11          | 0        | 16          | 0         | 0           | 0         | 0          | 32           |
|                  | <b>TOTAL</b> | <b>272</b>  | <b>697</b>  | <b>0</b> | <b>740</b>  | <b>0</b>  | <b>0</b>    | <b>0</b>  | <b>140</b> | <b>1849</b>  |

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**Table 15.0 Cont.**

| <b>ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM</b><br><b>AUSTRALIA 1 JAN 1989 - 31 DEC 2012</b><br><b>RETRIEVAL STATE TEAM</b> |              |           |            |          |            |          |            |          |           |             |
|---|--------------|-----------|------------|----------|------------|----------|------------|----------|-----------|-------------|
| ORGANS RETRIEVED  | Donor State  | QLD       | NSW        | ACT      | VIC        | TAS      | SA         | NT       | WA        | TOTAL       |
| <b>LUNG (R)</b>   | QLD          | 7         | 1          | 0        | 1          | 0        | 0          | 0        | 0         | 9           |
|   | NSW          | 1         | 4          | 0        | 0          | 0        | 0          | 0        | 0         | 5           |
|   | ACT          | 0         | 1          | 0        | 0          | 0        | 0          | 0        | 0         | 1           |
|   | VIC          | 0         | 0          | 0        | 14         | 0        | 0          | 0        | 0         | 14          |
|   | TAS          | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | SA           | 0         | 0          | 0        | 2          | 0        | 0          | 0        | 0         | 2           |
|   | NT           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | WA           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 1         | 1           |
|   | NZ           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | <b>TOTAL</b> | <b>8</b>  | <b>6</b>   | <b>0</b> | <b>17</b>  | <b>0</b> | <b>0</b>   | <b>0</b> | <b>1</b>  | <b>32</b>   |
| <b>PANCREAS</b>   | QLD          | 56        | 16         | 0        | 0          | 0        | 0          | 0        | 0         | 72          |
|   | NSW          | 1         | 378        | 0        | 2          | 0        | 0          | 0        | 0         | 381         |
|   | ACT          | 0         | 36         | 0        | 0          | 0        | 0          | 0        | 0         | 36          |
|   | VIC          | 1         | 4          | 0        | 399        | 0        | 0          | 0        | 0         | 404         |
|   | TAS          | 1         | 2          | 0        | 42         | 0        | 0          | 0        | 0         | 45          |
|   | SA           | 0         | 27         | 0        | 2          | 0        | 137        | 0        | 1         | 167         |
|   | NT           | 1         | 0          | 0        | 0          | 0        | 7          | 2        | 0         | 10          |
|   | WA           | 1         | 0          | 0        | 0          | 0        | 0          | 0        | 88        | 89          |
|   | NZ           | 1         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 1           |
|   | <b>TOTAL</b> | <b>62</b> | <b>463</b> | <b>0</b> | <b>445</b> | <b>0</b> | <b>144</b> | <b>2</b> | <b>89</b> | <b>1205</b> |
| <b>INTESTINES</b>   | QLD          | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | NSW          | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | ACT          | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | VIC          | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | TAS          | 0         | 0          | 0        | 2          | 0        | 0          | 0        | 0         | 2           |
|   | SA           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | NT           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | WA           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | NZ           | 0         | 0          | 0        | 0          | 0        | 0          | 0        | 0         | 0           |
|   | <b>TOTAL</b> | <b>0</b>  | <b>0</b>   | <b>0</b> | <b>2</b>   | <b>0</b> | <b>0</b>   | <b>0</b> | <b>0</b>  | <b>2</b>    |



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**Table 15.1**

## ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM

**AUSTRALIA 1 JAN 2012 - 31 DEC 2012**

### RETRIEVAL STATE TEAM

| ORGANS RETRIEVED | Donor State  | QLD        | NSW        | ACT      | VIC        | TAS      | SA        | NT        | WA        | TOTAL      |
|------------------|--------------|------------|------------|----------|------------|----------|-----------|-----------|-----------|------------|
| <b>KIDNEYS</b>   | QLD          | 141        | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 141        |
|                  | NSW          | 0          | 148        | 0        | 2          | 0        | 0         | 0         | 0         | 150        |
|                  | ACT          | 0          | 20         | 0        | 0          | 0        | 0         | 0         | 0         | 20         |
|                  | VIC          | 0          | 0          | 0        | 165        | 0        | 0         | 0         | 0         | 165        |
|                  | TAS          | 0          | 0          | 0        | 28         | 0        | 0         | 0         | 0         | 28         |
|                  | SA           | 2          | 0          | 0        | 0          | 0        | 52        | 0         | 0         | 54         |
|                  | NT           | 0          | 0          | 0        | 0          | 0        | 0         | 16        | 0         | 16         |
|                  | WA           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 62        | 62         |
|                  | NZ           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0          |
|                  | <b>TOTAL</b> | <b>143</b> | <b>168</b> | <b>0</b> | <b>195</b> | <b>0</b> | <b>52</b> | <b>16</b> | <b>62</b> | <b>636</b> |
| <b>LIVER</b>     | QLD          | 46         | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 46         |
|                  | NSW          | 0          | 52         | 0        | 0          | 0        | 0         | 0         | 0         | 52         |
|                  | ACT          | 0          | 7          | 0        | 0          | 0        | 0         | 0         | 0         | 7          |
|                  | VIC          | 0          | 0          | 0        | 55         | 0        | 0         | 0         | 0         | 55         |
|                  | TAS          | 0          | 0          | 0        | 11         | 0        | 0         | 0         | 0         | 11         |
|                  | SA           | 2          | 0          | 0        | 0          | 0        | 19        | 0         | 0         | 21         |
|                  | NT           | 0          | 0          | 0        | 0          | 0        | 0         | 6         | 0         | 6          |
|                  | WA           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 20        | 20         |
|                  | NZ           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0          |
|                  | <b>TOTAL</b> | <b>48</b>  | <b>59</b>  | <b>0</b> | <b>66</b>  | <b>0</b> | <b>19</b> | <b>6</b>  | <b>20</b> | <b>218</b> |
| <b>HEART</b>     | QLD          | 15         | 2          | 0        | 2          | 0        | 0         | 0         | 0         | 19         |
|                  | NSW          | 0          | 17         | 1        | 0          | 0        | 0         | 0         | 0         | 18         |
|                  | ACT          | 0          | 2          | 0        | 0          | 0        | 0         | 0         | 0         | 2          |
|                  | VIC          | 0          | 0          | 0        | 14         | 0        | 0         | 0         | 0         | 14         |
|                  | TAS          | 0          | 0          | 0        | 4          | 0        | 0         | 0         | 0         | 4          |
|                  | SA           | 1          | 3          | 0        | 2          | 0        | 0         | 0         | 2         | 8          |
|                  | NT           | 0          | 1          | 0        | 0          | 0        | 0         | 0         | 1         | 2          |
|                  | WA           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 10        | 10         |
|                  | NZ           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 0         | 0          |
|                  | <b>TOTAL</b> | <b>16</b>  | <b>25</b>  | <b>1</b> | <b>22</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>13</b> | <b>77</b>  |
| <b>LUNGS</b>     | QLD          | 28         | 4          | 0        | 0          | 0        | 0         | 0         | 0         | 32         |
|                  | NSW          | 1          | 31         | 0        | 1          | 0        | 0         | 0         | 0         | 33         |
|                  | ACT          | 0          | 3          | 0        | 0          | 0        | 0         | 0         | 0         | 3          |
|                  | VIC          | 1          | 0          | 0        | 41         | 0        | 0         | 0         | 0         | 42         |
|                  | TAS          | 0          | 0          | 0        | 11         | 0        | 0         | 0         | 0         | 11         |
|                  | SA           | 4          | 4          | 0        | 3          | 0        | 0         | 0         | 3         | 14         |
|                  | NT           | 1          | 2          | 0        | 1          | 0        | 0         | 0         | 1         | 5          |
|                  | WA           | 0          | 0          | 0        | 0          | 0        | 0         | 0         | 11        | 11         |
|                  | NZ           | 0          | 1          | 0        | 0          | 0        | 0         | 0         | 0         | 1          |
|                  | <b>TOTAL</b> | <b>35</b>  | <b>45</b>  | <b>0</b> | <b>57</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>15</b> | <b>152</b> |

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**Table 15.1 Cont.**

| <b>ORGANS RETRIEVED IN EACH DONOR STATE BY RETRIEVAL STATE TEAM</b><br><b>AUSTRALIA 1 JAN 2012 - 31 DEC 2012</b><br><b>RETRIEVAL STATE TEAM</b> |              |          |           |          |           |          |           |          |          |           |
|---|--------------|----------|-----------|----------|-----------|----------|-----------|----------|----------|-----------|
| ORGANS RETRIEVED  | Donor State  | QLD      | NSW       | ACT      | VIC       | TAS      | SA        | NT       | WA       | TOTAL     |
| <b>LUNG (L)</b>   | QLD          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NSW          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | ACT          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | VIC          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | TAS          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | SA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NT           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | WA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NZ           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | <b>TOTAL</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b>  |
| <b>LUNG (R)</b>   | QLD          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NSW          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | ACT          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | VIC          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | TAS          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | SA           | 0        | 0         | 0        | 1         | 0        | 0         | 0        | 0        | 1         |
|   | NT           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | WA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NZ           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | <b>TOTAL</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>1</b>  | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>1</b>  |
| <b>PANCREAS</b>   | QLD          | 4        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 4         |
|   | NSW          | 0        | 19        | 0        | 0         | 0        | 0         | 0        | 0        | 19        |
|   | ACT          | 0        | 1         | 0        | 0         | 0        | 0         | 0        | 0        | 1         |
|   | VIC          | 0        | 0         | 0        | 18        | 0        | 0         | 0        | 0        | 18        |
|   | TAS          | 0        | 0         | 0        | 8         | 0        | 0         | 0        | 0        | 8         |
|   | SA           | 0        | 0         | 0        | 0         | 0        | 13        | 0        | 0        | 13        |
|   | NT           | 0        | 0         | 0        | 0         | 0        | 0         | 2        | 0        | 2         |
|   | WA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 5        | 5         |
|   | NZ           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | <b>TOTAL</b> | <b>4</b> | <b>20</b> | <b>0</b> | <b>26</b> | <b>0</b> | <b>13</b> | <b>2</b> | <b>5</b> | <b>70</b> |
| <b>INTESTINES</b>   | QLD          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NSW          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | ACT          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | VIC          | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | TAS          | 0        | 0         | 0        | 1         | 0        | 0         | 0        | 0        | 1         |
|   | SA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NT           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | WA           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | NZ           | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0        | 0         |
|   | <b>TOTAL</b> | <b>0</b> | <b>0</b>  | <b>0</b> | <b>1</b>  | <b>0</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>1</b>  |



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**Table 16.0**

## **DONOR AGE RELATED TO TRANSPLANTED ORGANS RETRIEVED IN AUSTRALIA 1 JAN 2003 - 31 DEC 2012**

| TRANSPLANTED ORGAN     | Year of Operation | 00-04     | 04-14      | 15-24      | 25-34      | 35-44      | 45-54      | 55-64      | 65-74      | 75-84     | 85-94    | TOTAL       |
|------------------------|-------------------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|-------------|
| <b>KIDNEYS</b>         | 2003              | 2         | 20         | 62         | 30         | 52         | 76         | 55         | 16         | 10        | 2        | <b>325</b>  |
|                        | 2004              | 0         | 8          | 80         | 60         | 46         | 99         | 76         | 28         | 8         | 0        | <b>405</b>  |
|                        | 2005              | 8         | 16         | 53         | 42         | 68         | 89         | 63         | 25         | 9         | 0        | <b>373</b>  |
|                        | 2006              | 1         | 22         | 68         | 38         | 56         | 76         | 67         | 37         | 5         | 0        | <b>370</b>  |
|                        | 2007              | 3         | 8          | 69         | 47         | 41         | 63         | 75         | 26         | 10        | 0        | <b>342</b>  |
|                        | 2008              | 1         | 12         | 70         | 60         | 83         | 83         | 94         | 44         | 12        | 0        | <b>459</b>  |
|                        | 2009              | 2         | 8          | 66         | 58         | 56         | 107        | 104        | 42         | 3         | 0        | <b>446</b>  |
|                        | 2010              | 4         | 10         | 50         | 70         | 115        | 111        | 120        | 55         | 13        | 0        | <b>548</b>  |
|                        | 2011              | 3         | 20         | 67         | 57         | 78         | 134        | 132        | 71         | 8         | 0        | <b>570</b>  |
|                        | 2012              | 4         | 16         | 84         | 58         | 90         | 137        | 135        | 74         | 7         | 1        | <b>607</b>  |
|                        | <b>TOTAL</b>      | <b>28</b> | <b>140</b> | <b>669</b> | <b>520</b> | <b>685</b> | <b>975</b> | <b>921</b> | <b>418</b> | <b>85</b> | <b>3</b> | <b>4445</b> |
| <b>LIVER</b>           | 2003              | 2         | 8          | 27         | 8          | 19         | 30         | 15         | 6          | 4         | 0        | <b>119</b>  |
|                        | 2004              | 1         | 2          | 34         | 26         | 17         | 26         | 30         | 10         | 2         | 0        | <b>148</b>  |
|                        | 2005              | 3         | 6          | 20         | 16         | 24         | 34         | 20         | 12         | 3         | 0        | <b>138</b>  |
|                        | 2006              | 0         | 9          | 27         | 15         | 20         | 32         | 26         | 12         | 1         | 0        | <b>142</b>  |
|                        | 2007              | 2         | 2          | 23         | 17         | 14         | 23         | 23         | 11         | 3         | 0        | <b>118</b>  |
|                        | 2008              | 1         | 4          | 23         | 23         | 29         | 25         | 37         | 13         | 5         | 0        | <b>160</b>  |
|                        | 2009              | 2         | 4          | 18         | 24         | 23         | 34         | 38         | 10         | 2         | 0        | <b>155</b>  |
|                        | 2010              | 1         | 4          | 17         | 26         | 41         | 33         | 29         | 17         | 5         | 0        | <b>173</b>  |
|                        | 2011              | 2         | 9          | 26         | 16         | 19         | 44         | 38         | 23         | 6         | 0        | <b>183</b>  |
|                        | 2012              | 3         | 3          | 27         | 22         | 28         | 38         | 35         | 27         | 6         | 0        | <b>189</b>  |
|                        | <b>TOTAL</b>      | <b>17</b> | <b>51</b>  | <b>242</b> | <b>193</b> | <b>234</b> | <b>319</b> | <b>291</b> | <b>141</b> | <b>37</b> | <b>0</b> | <b>1525</b> |
| <b>SPLIT LIVER (L)</b> | 2003              | 0         | 0          | 3          | 1          | 1          | 2          | 1          | 0          | 1         | 0        | <b>9</b>    |
|                        | 2004              | 0         | 1          | 3          | 3          | 3          | 5          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2005              | 0         | 1          | 4          | 2          | 3          | 5          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2006              | 0         | 0          | 4          | 4          | 1          | 1          | 1          | 0          | 0         | 0        | <b>11</b>   |
|                        | 2007              | 0         | 1          | 7          | 4          | 2          | 1          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2008              | 0         | 0          | 6          | 5          | 4          | 3          | 0          | 0          | 0         | 0        | <b>18</b>   |
|                        | 2009              | 0         | 0          | 10         | 2          | 3          | 1          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2010              | 0         | 0          | 2          | 5          | 7          | 2          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2011              | 0         | 1          | 2          | 7          | 5          | 1          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2012              | 0         | 1          | 14         | 3          | 1          | 3          | 0          | 0          | 0         | 0        | <b>22</b>   |
|                        | <b>TOTAL</b>      | <b>0</b>  | <b>5</b>   | <b>55</b>  | <b>36</b>  | <b>30</b>  | <b>24</b>  | <b>2</b>   | <b>0</b>   | <b>1</b>  | <b>0</b> | <b>153</b>  |
| <b>SPLIT LIVER (R)</b> | 2003              | 0         | 0          | 3          | 1          | 1          | 2          | 1          | 0          | 0         | 0        | <b>8</b>    |
|                        | 2004              | 0         | 1          | 1          | 3          | 3          | 5          | 0          | 0          | 0         | 0        | <b>13</b>   |
|                        | 2005              | 0         | 1          | 2          | 2          | 3          | 3          | 0          | 0          | 0         | 0        | <b>11</b>   |
|                        | 2006              | 0         | 0          | 3          | 3          | 1          | 0          | 1          | 0          | 0         | 0        | <b>8</b>    |
|                        | 2007              | 0         | 1          | 7          | 3          | 2          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2008              | 0         | 0          | 6          | 4          | 4          | 3          | 0          | 0          | 0         | 0        | <b>17</b>   |
|                        | 2009              | 0         | 0          | 9          | 2          | 2          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2010              | 0         | 0          | 2          | 5          | 7          | 1          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2011              | 0         | 0          | 2          | 7          | 4          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2012              | 0         | 0          | 14         | 2          | 2          | 1          | 0          | 0          | 0         | 0        | <b>19</b>   |
|                        | <b>TOTAL</b>      | <b>0</b>  | <b>3</b>   | <b>49</b>  | <b>32</b>  | <b>29</b>  | <b>18</b>  | <b>2</b>   | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>133</b>  |

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**Table 16.0 Cont.**

| DONOR AGE RELATED TO TRANSPLANTED ORGANS<br>RETRIEVED IN AUSTRALIA 1 JAN 2003 - 31 DEC 2012 |                   |          |           |            |            |            |            |            |           |          |          |            |
|---|-------------------|----------|-----------|------------|------------|------------|------------|------------|-----------|----------|----------|------------|
| TRANSPLANTED ORGAN  | Year of Operation | 00-04    | 04-14     | 15-24      | 25-34      | 35-44      | 45-54      | 55-64      | 65-74     | 75-84    | 85-94    | TOTAL      |
| HEPATOCYTES   | 2003              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2004              | 0        | 1         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 1          |
|   | 2005              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2006              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2007              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2008              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2009              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2010              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2011              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | 2012              | 0        | 0         | 0          | 0          | 0          | 0          | 0          | 0         | 0        | 0        | 0          |
|   | <b>TOTAL</b>      | <b>0</b> | <b>1</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>0</b> | <b>1</b>   |
| HEART   | 2003              | 0        | 2         | 21         | 7          | 16         | 15         | 2          | 0         | 0        | 0        | 63         |
|   | 2004              | 0        | 1         | 27         | 14         | 11         | 14         | 5          | 0         | 0        | 0        | 72         |
|   | 2005              | 0        | 2         | 20         | 11         | 16         | 19         | 4          | 0         | 0        | 0        | 72         |
|   | 2006              | 0        | 3         | 27         | 11         | 10         | 17         | 2          | 0         | 0        | 0        | 70         |
|   | 2007              | 0        | 1         | 20         | 9          | 10         | 9          | 7          | 0         | 0        | 0        | 56         |
|   | 2008              | 1        | 0         | 15         | 16         | 25         | 17         | 6          | 0         | 0        | 0        | 80         |
|   | 2009              | 0        | 3         | 17         | 12         | 13         | 10         | 4          | 0         | 0        | 0        | 59         |
|   | 2010              | 0        | 2         | 9          | 14         | 23         | 12         | 5          | 0         | 0        | 0        | 65         |
|   | 2011              | 1        | 3         | 15         | 16         | 7          | 17         | 5          | 0         | 0        | 0        | 64         |
|   | 2012              | 1        | 2         | 22         | 13         | 14         | 13         | 7          | 0         | 0        | 0        | 72         |
|   | <b>TOTAL</b>      | <b>3</b> | <b>19</b> | <b>193</b> | <b>123</b> | <b>145</b> | <b>143</b> | <b>47</b>  | <b>0</b>  | <b>0</b> | <b>0</b> | <b>673</b> |
| HEART-LUNGS   | 2003              | 0        | 1         | 0          | 1          | 1          | 2          | 0          | 0         | 0        | 0        | 5          |
|   | 2004              | 0        | 0         | 1          | 2          | 0          | 3          | 0          | 0         | 0        | 0        | 6          |
|   | 2005              | 0        | 1         | 1          | 1          | 1          | 1          | 1          | 0         | 0        | 0        | 6          |
|   | 2006              | 0        | 3         | 1          | 1          | 0          | 1          | 0          | 0         | 0        | 0        | 6          |
|   | 2007              | 0        | 2         | 1          | 1          | 1          | 1          | 0          | 0         | 0        | 0        | 6          |
|   | 2008              | 0        | 0         | 1          | 1          | 1          | 0          | 2          | 0         | 0        | 0        | 5          |
|   | 2009              | 0        | 0         | 1          | 0          | 0          | 1          | 0          | 0         | 0        | 0        | 2          |
|   | 2010              | 0        | 0         | 0          | 0          | 2          | 0          | 1          | 0         | 0        | 0        | 3          |
|   | 2011              | 0        | 0         | 0          | 0          | 0          | 1          | 1          | 0         | 0        | 0        | 2          |
|   | 2012              | 0        | 0         | 1          | 1          | 2          | 0          | 0          | 0         | 0        | 0        | 4          |
|   | <b>TOTAL</b>      | <b>0</b> | <b>7</b>  | <b>7</b>   | <b>8</b>   | <b>8</b>   | <b>10</b>  | <b>5</b>   | <b>0</b>  | <b>0</b> | <b>0</b> | <b>45</b>  |
| LUNGS   | 2003              | 0        | 1         | 17         | 5          | 11         | 11         | 8          | 0         | 1        | 0        | 54         |
|   | 2004              | 0        | 4         | 20         | 18         | 15         | 13         | 11         | 0         | 0        | 0        | 81         |
|   | 2005              | 0        | 2         | 11         | 12         | 15         | 24         | 5          | 0         | 0        | 0        | 69         |
|   | 2006              | 0        | 3         | 23         | 15         | 8          | 20         | 8          | 0         | 0        | 0        | 77         |
|   | 2007              | 0        | 1         | 19         | 13         | 9          | 13         | 10         | 0         | 0        | 0        | 65         |
|   | 2008              | 0        | 3         | 22         | 17         | 24         | 17         | 13         | 2         | 0        | 0        | 98         |
|   | 2009              | 0        | 2         | 20         | 19         | 20         | 21         | 19         | 0         | 0        | 0        | 101        |
|   | 2010              | 0        | 3         | 13         | 18         | 28         | 24         | 18         | 6         | 0        | 0        | 110        |
|   | 2011              | 0        | 5         | 23         | 16         | 21         | 38         | 30         | 12        | 0        | 0        | 145        |
|   | 2012              | 0        | 4         | 22         | 14         | 24         | 32         | 33         | 11        | 0        | 0        | 140        |
|   | <b>TOTAL</b>      | <b>0</b> | <b>28</b> | <b>190</b> | <b>147</b> | <b>175</b> | <b>213</b> | <b>155</b> | <b>31</b> | <b>1</b> | <b>0</b> | <b>940</b> |



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**Table 16.0 Cont.**

| <b>DONOR AGE RELATED TO TRANSPLANTED ORGANS</b><br><b>RETRIEVED IN AUSTRALIA 1 JAN 2003 - 31 DEC 2012</b> |                   |          |           |            |           |           |           |           |          |          |          |            |
|---|-------------------|----------|-----------|------------|-----------|-----------|-----------|-----------|----------|----------|----------|------------|
| TRANSPLANTED ORGAN  | Year of Operation | 00-04    | 04-14     | 15-24      | 25-34     | 35-44     | 45-54     | 55-64     | 65-74    | 75-84    | 85-94    | TOTAL      |
| <b>LUNG (L)</b>   | 2003              | 0        | 0         | 3          | 1         | 0         | 1         | 1         | 0        | 0        | 0        | <b>6</b>   |
|   | 2004              | 0        | 0         | 3          | 3         | 0         | 0         | 0         | 0        | 0        | 0        | <b>6</b>   |
|   | 2005              | 0        | 0         | 2          | 0         | 0         | 2         | 0         | 0        | 0        | 0        | <b>4</b>   |
|   | 2006              | 0        | 0         | 3          | 0         | 1         | 2         | 2         | 0        | 0        | 0        | <b>8</b>   |
|   | 2007              | 0        | 0         | 1          | 0         | 0         | 1         | 2         | 0        | 0        | 0        | <b>4</b>   |
|   | 2008              | 0        | 0         | 1          | 0         | 2         | 4         | 1         | 0        | 0        | 0        | <b>8</b>   |
|   | 2009              | 0        | 0         | 2          | 1         | 0         | 1         | 2         | 0        | 0        | 0        | <b>6</b>   |
|   | 2010              | 0        | 0         | 1          | 0         | 0         | 2         | 0         | 1        | 0        | 0        | <b>4</b>   |
|   | 2011              | 0        | 0         | 0          | 2         | 1         | 2         | 2         | 0        | 0        | 0        | <b>7</b>   |
|   | 2012              | 0        | 0         | 2          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | <b>2</b>   |
|   | <b>TOTAL</b>      | <b>0</b> | <b>0</b>  | <b>18</b>  | <b>7</b>  | <b>4</b>  | <b>15</b> | <b>10</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>55</b>  |
| <b>LUNG (R)</b>   | 2003              | 0        | 0         | 2          | 0         | 0         | 2         | 1         | 0        | 0        | 0        | <b>5</b>   |
|   | 2004              | 0        | 0         | 1          | 2         | 1         | 1         | 0         | 0        | 0        | 0        | <b>5</b>   |
|   | 2005              | 0        | 1         | 1          | 0         | 2         | 1         | 0         | 0        | 0        | 0        | <b>5</b>   |
|   | 2006              | 0        | 1         | 1          | 0         | 0         | 2         | 3         | 0        | 0        | 0        | <b>7</b>   |
|   | 2007              | 0        | 0         | 1          | 0         | 0         | 1         | 2         | 0        | 0        | 0        | <b>4</b>   |
|   | 2008              | 0        | 0         | 1          | 0         | 3         | 0         | 0         | 0        | 0        | 0        | <b>4</b>   |
|   | 2009              | 0        | 0         | 3          | 0         | 0         | 1         | 1         | 0        | 0        | 0        | <b>5</b>   |
|   | 2010              | 0        | 0         | 1          | 1         | 3         | 0         | 0         | 1        | 0        | 0        | <b>6</b>   |
|   | 2011              | 0        | 0         | 0          | 2         | 0         | 1         | 1         | 1        | 0        | 0        | <b>5</b>   |
|   | 2012              | 0        | 0         | 2          | 0         | 0         | 0         | 0         | 0        | 0        | 0        | <b>2</b>   |
|   | <b>TOTAL</b>      | <b>0</b> | <b>2</b>  | <b>13</b>  | <b>5</b>  | <b>9</b>  | <b>9</b>  | <b>8</b>  | <b>2</b> | <b>0</b> | <b>0</b> | <b>48</b>  |
| <b>PANCREAS</b>   | 2003              | 0        | 0         | 14         | 4         | 7         | 0         | 0         | 0        | 0        | 0        | <b>25</b>  |
|   | 2004              | 0        | 1         | 11         | 6         | 9         | 1         | 0         | 0        | 0        | 0        | <b>28</b>  |
|   | 2005              | 0        | 2         | 11         | 8         | 8         | 4         | 0         | 0        | 0        | 0        | <b>33</b>  |
|   | 2006              | 0        | 1         | 15         | 9         | 8         | 1         | 0         | 0        | 0        | 0        | <b>34</b>  |
|   | 2007              | 0        | 4         | 15         | 4         | 4         | 1         | 0         | 0        | 0        | 0        | <b>28</b>  |
|   | 2008              | 0        | 1         | 10         | 11        | 10        | 0         | 0         | 0        | 0        | 0        | <b>32</b>  |
|   | 2009              | 0        | 0         | 12         | 12        | 12        | 1         | 0         | 0        | 0        | 0        | <b>37</b>  |
|   | 2010              | 0        | 0         | 10         | 14        | 8         | 2         | 0         | 0        | 0        | 0        | <b>34</b>  |
|   | 2011              | 0        | 1         | 11         | 9         | 5         | 0         | 0         | 0        | 0        | 0        | <b>26</b>  |
|   | 2012              | 0        | 2         | 21         | 3         | 10        | 2         | 0         | 0        | 0        | 0        | <b>38</b>  |
|   | <b>TOTAL</b>      | <b>0</b> | <b>12</b> | <b>130</b> | <b>80</b> | <b>81</b> | <b>12</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>315</b> |
| <b>PANCREATIC ISLETS</b>  | 2003              | 0        | 0         | 1          | 0         | 3         | 0         | 2         | 0        | 0        | 0        | <b>6</b>   |
|   | 2004              | 0        | 0         | 0          | 2         | 0         | 1         | 0         | 0        | 0        | 0        | <b>3</b>   |
|   | 2005              | 0        | 0         | 0          | 0         | 1         | 0         | 0         | 0        | 0        | 0        | <b>1</b>   |
|   | 2006              | 0        | 0         | 1          | 1         | 1         | 1         | 2         | 1        | 0        | 0        | <b>7</b>   |
|   | 2007              | 0        | 0         | 0          | 1         | 1         | 1         | 1         | 1        | 0        | 0        | <b>5</b>   |
|   | 2008              | 0        | 0         | 1          | 2         | 2         | 2         | 4         | 0        | 0        | 0        | <b>11</b>  |
|   | 2009              | 0        | 0         | 0          | 0         | 0         | 3         | 6         | 0        | 0        | 0        | <b>9</b>   |
|   | 2010              | 0        | 0         | 1          | 0         | 2         | 6         | 3         | 0        | 0        | 0        | <b>12</b>  |
|   | 2011              | 0        | 0         | 1          | 1         | 1         | 5         | 1         | 0        | 0        | 0        | <b>9</b>   |
|   | 2012              | 0        | 0         | 0          | 1         | 0         | 1         | 2         | 0        | 0        | 0        | <b>4</b>   |
|   | <b>TOTAL</b>      | <b>0</b> | <b>0</b>  | <b>5</b>   | <b>8</b>  | <b>11</b> | <b>20</b> | <b>21</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>67</b>  |



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**Table 16.0 Cont.**

**DONOR AGE RELATED TO TRANSPLANTED ORGANS  
RETRIEVED IN AUSTRALIA 1 JAN 2004 - 31 DEC 2012**

| TRANSPLANTED ORGAN | Year of Operation | 00-04 | 04-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85-94 | TOTAL |
|--------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| INTESTINES         | 2003              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2004              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2005              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2006              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2007              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2008              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2009              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2010              | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
|                    | 2011              | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
|                    | 2012              | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
|                    | TOTAL             | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2     |
| OVERALL TOAL       |                   | 48    | 269   | 1572  | 1159  | 1411  | 1758  | 1462  | 595   | 124   | 3     | 8401  |



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**Table 17.0**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA 1989 - 2012

| ORGANS          | OUTCOME      | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|-----------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| KIDNEYS         | Transplanted | 443        | 383        | 395        | 401        | 393        | 335        | 346        | 361        | 354        | 353        | 284        | 350        | 330        | 372        | 325        | 405        | 373        | 370        | 342        | 459        | 446        | 548        | 570        | 607        | 9545        |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 0          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 2          | 0          | 0          | 1          | 9           |
|                 | En Bloc      | 0          | 5          | 1          | 2          | 1          | 3          | 2          | 3          | 3          | 1          | 5          | 3          | 0          | 4          | 2          | 1          | 4          | 1          | 3          | 1          | 2          | 2          | 3          | 2          | 54          |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 2          | 2          | 1          | 1          | 1          | 3          | 2          | 3          | 3          | 4          | 1          | 4          | 4          | 13         | 8          | 53          |
|                 | Unusable     | 6          | 2          | 4          | 15         | 24         | 4          | 8          | 15         | 6          | 5          | 4          | 13         | 12         | 0          | 9          | 5          | 6          | 6          | 2          | 8          | 2          | 11         | 9          | 9          | 185         |
|                 | Not Used     | 2          | 4          | 3          | 2          | 5          | 4          | 4          | 6          | 2          | 4          | 5          | 1          | 1          | 3          | 1          | 1          | 5          | 5          | 7          | 7          | 1          | 5          | 10         | 9          | 97          |
|                 | <b>TOTAL</b> | <b>451</b> | <b>395</b> | <b>403</b> | <b>420</b> | <b>424</b> | <b>346</b> | <b>361</b> | <b>385</b> | <b>366</b> | <b>365</b> | <b>300</b> | <b>370</b> | <b>344</b> | <b>380</b> | <b>340</b> | <b>414</b> | <b>391</b> | <b>385</b> | <b>358</b> | <b>477</b> | <b>457</b> | <b>570</b> | <b>605</b> | <b>636</b> | <b>9943</b> |
| LIVER           | Transplanted | 94         | 72         | 100        | 114        | 106        | 109        | 108        | 100        | 116        | 125        | 108        | 137        | 121        | 137        | 119        | 148        | 138        | 142        | 118        | 160        | 155        | 173        | 183        | 189        | 3072        |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 3          | 2          | 3          | 5          | 2          | 2          | 0          | 1          | 0          | 0          | 0          | 1          | 1          | 4          | 2          | 0          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 28          |
|                 | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Unusable     | 0          | 0          | 6          | 1          | 4          | 2          | 7          | 2          | 3          | 1          | 6          | 1          | 5          | 2          | 2          | 3          | 3          | 3          | 0          | 6          | 2          | 0          | 1          | 4          | 64          |
|                 | Not Used     | 3          | 1          | 0          | 4          | 1          | 1          | 2          | 0          | 2          | 6          | 2          | 2          | 0          | 2          | 3          | 4          | 3          | 6          | 6          | 2          | 1          | 3          | 0          | 2          | 56          |
|                 | <b>TOTAL</b> | <b>100</b> | <b>75</b>  | <b>109</b> | <b>124</b> | <b>113</b> | <b>114</b> | <b>117</b> | <b>103</b> | <b>121</b> | <b>132</b> | <b>116</b> | <b>141</b> | <b>127</b> | <b>145</b> | <b>126</b> | <b>155</b> | <b>144</b> | <b>152</b> | <b>125</b> | <b>168</b> | <b>158</b> | <b>176</b> | <b>184</b> | <b>195</b> | <b>3220</b> |
| SPLIT LIVER (L) | Transplanted | 2          | 0          | 2          | 0          | 5          | 6          | 10         | 10         | 9          | 7          | 8          | 5          | 6          | 11         | 9          | 15         | 15         | 11         | 15         | 18         | 16         | 16         | 16         | 22         | 234         |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2           |
|                 | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Unusable     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 4           |
|                 | <b>TOTAL</b> | <b>2</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>6</b>   | <b>6</b>   | <b>12</b>  | <b>11</b>  | <b>9</b>   | <b>7</b>   | <b>8</b>   | <b>5</b>   | <b>6</b>   | <b>11</b>  | <b>9</b>   | <b>15</b>  | <b>15</b>  | <b>11</b>  | <b>15</b>  | <b>19</b>  | <b>16</b>  | <b>16</b>  | <b>16</b>  | <b>23</b>  | <b>240</b>  |
| SPLIT LIVER (R) | Transplanted | 2          | 0          | 2          | 0          | 1          | 2          | 6          | 9          | 5          | 6          | 7          | 5          | 1          | 9          | 8          | 13         | 11         | 8          | 14         | 17         | 14         | 15         | 14         | 19         | 188         |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 3           |
|                 | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Unusable     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 5           |
|                 | Not Used     | 0          | 0          | 0          | 0          | 5          | 4          | 6          | 1          | 2          | 0          | 1          | 0          | 3          | 2          | 1          | 2          | 4          | 2          | 1          | 2          | 2          | 1          | 2          | 3          | 44          |
|                 | <b>TOTAL</b> | <b>2</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>6</b>   | <b>6</b>   | <b>12</b>  | <b>11</b>  | <b>9</b>   | <b>7</b>   | <b>8</b>   | <b>5</b>   | <b>6</b>   | <b>11</b>  | <b>9</b>   | <b>15</b>  | <b>15</b>  | <b>11</b>  | <b>15</b>  | <b>19</b>  | <b>16</b>  | <b>16</b>  | <b>16</b>  | <b>23</b>  | <b>240</b>  |
| HEPATOCYTES     | Transplanted | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Unusable     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>    |
| HEART           | Transplanted | 84         | 90         | 89         | 101        | 102        | 90         | 93         | 87         | 90         | 69         | 65         | 57         | 67         | 72         | 63         | 72         | 72         | 70         | 56         | 80         | 59         | 65         | 64         | 72         | 1829        |
|                 | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Research     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 2          | 3          | 4          | 0          | 6          | 8          | 7          | 11         | 6          | 10         | 13         | 0          | 1          | 73          |
|                 | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                 | Unusable     | 0          | 0          | 0          | 0          | 1          | 2          | 3          | 0          | 3          | 2          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 13          |
|                 | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 1          | 0          | 1          | 5          | 0          | 1          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 12          |
|                 | <b>TOTAL</b> | <b>84</b>  | <b>90</b>  | <b>89</b>  | <b>101</b> | <b>103</b> | <b>92</b>  | <b>96</b>  | <b>87</b>  | <b>95</b>  | <b>71</b>  | <b>67</b>  | <b>62</b>  | <b>70</b>  | <b>77</b>  | <b>68</b>  | <b>78</b>  | <b>81</b>  | <b>77</b>  | <b>69</b>  | <b>86</b>  | <b>69</b>  | <b>78</b>  | <b>64</b>  | <b>73</b>  | <b>1927</b> |

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**Table 17.0 Cont.**

| <b>OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA 1989 - 2012</b> |              |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |            |                       |            |             |
|--|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------------------|------------|-------------|
| ORGANS   | OUTCOME      | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09         | 10         | 11                    | 12         | TOTAL       |
| HEART-LUNGS  | Transplanted | 14        | 12        | 19        | 17        | 13        | 13        | 15        | 7         | 3         | 4         | 2         | 2         | 2         | 8         | 5         | 6         | 6         | 6         | 6         | 5         | 2          | 3          | 2                     | 4          | 176         |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | <b>TOTAL</b> | <b>14</b> | <b>12</b> | <b>19</b> | <b>17</b> | <b>13</b> | <b>13</b> | <b>15</b> | <b>7</b>  | <b>3</b>  | <b>4</b>  | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>8</b>  | <b>5</b>  | <b>6</b>  | <b>6</b>  | <b>6</b>  | <b>6</b>  | <b>5</b>  | <b>2</b>   | <b>3</b>   | <b>2</b>              | <b>4</b>   | <b>176</b>  |
| HEART-(L) LUNG   | Transplanted | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 1           |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | <b>TOTAL</b> | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>   | <b>0</b>              | <b>0</b>   | <b>1</b>    |
| LUNGS  | Transplanted | 0         | 1         | 2         | 6         | 34        | 43        | 36        | 37        | 44        | 45        | 42        | 65        | 45        | 62        | 54        | 81        | 69        | 77        | 65        | 98        | 101        | 110        | 14 <sup>5</sup>       | 140        | 1402        |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 2         | 7         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 1          | 0                     | 4          | 21          |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0          | 0          | 0                     | 0          | 6           |
|  | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0          | 0          | 0                     | 1          | 6           |
|  | <b>TOTAL</b> | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>7</b>  | <b>34</b> | <b>46</b> | <b>38</b> | <b>39</b> | <b>44</b> | <b>48</b> | <b>43</b> | <b>67</b> | <b>52</b> | <b>64</b> | <b>55</b> | <b>81</b> | <b>69</b> | <b>77</b> | <b>67</b> | <b>98</b> | <b>101</b> | <b>111</b> | <b>14<sup>5</sup></b> | <b>145</b> | <b>1435</b> |
| LUNG (L)   | Transplanted | 0         | 2         | 10        | 12        | 13        | 11        | 12        | 12        | 20        | 17        | 12        | 10        | 10        | 12        | 6         | 6         | 4         | 8         | 4         | 8         | 6          | 4          | 7                     | 2          | 208         |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 2         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 5           |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 2         | 0         | 0         | 1         | 0         | 3         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0          | 1          | 0                     | 0          | 12          |
|  | Not Used     | 0         | 2         | 3         | 1         | 1         | 0         | 0         | 3         | 0         | 1         | 1         | 1         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 1         | 0          | 2          | 1                     | 0          | 20          |
|  | <b>TOTAL</b> | <b>0</b>  | <b>4</b>  | <b>13</b> | <b>13</b> | <b>15</b> | <b>12</b> | <b>14</b> | <b>17</b> | <b>21</b> | <b>18</b> | <b>14</b> | <b>11</b> | <b>16</b> | <b>14</b> | <b>7</b>  | <b>6</b>  | <b>6</b>  | <b>8</b>  | <b>4</b>  | <b>9</b>  | <b>6</b>   | <b>7</b>   | <b>8</b>              | <b>2</b>   | <b>245</b>  |
| LUNG (R)   | Transplanted | 0         | 2         | 6         | 12        | 11        | 10        | 14        | 16        | 18        | 17        | 11        | 11        | 16        | 13        | 5         | 5         | 5         | 7         | 4         | 4         | 5          | 6          | 5                     | 2          | 205         |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 3           |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 5           |
|  | Not Used     | 0         | 2         | 3         | 3         | 1         | 2         | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 3         | 0          | 2          | 1                     | 1          | 25          |
|  | <b>TOTAL</b> | <b>0</b>  | <b>4</b>  | <b>9</b>  | <b>15</b> | <b>12</b> | <b>12</b> | <b>16</b> | <b>18</b> | <b>18</b> | <b>20</b> | <b>14</b> | <b>13</b> | <b>17</b> | <b>15</b> | <b>5</b>  | <b>5</b>  | <b>5</b>  | <b>7</b>  | <b>4</b>  | <b>7</b>  | <b>5</b>   | <b>8</b>   | <b>6</b>              | <b>3</b>   | <b>238</b>  |
| PANCREAS   | Transplanted | 7         | 9         | 8         | 10        | 11        | 15        | 13        | 12        | 16        | 18        | 17        | 26        | 21        | 25        | 25        | 28        | 33        | 34        | 28        | 32        | 37         | 34         | 26                    | 38         | 523         |
|  | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Research     | 19        | 9         | 16        | 10        | 8         | 2         | 1         | 11        | 8         | 7         | 3         | 8         | 13        | 16        | 15        | 11        | 16        | 7         | 2         | 5         | 6          | 3          | 4                     | 1          | 201         |
|  | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 0           |
|  | Unusable     | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0                     | 0          | 8           |
|  | Not Used     | 2         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 2         | 0         | 0         | 3         | 0         | 0         | 0         | 0         | 0         | 0         | 1          | 1          | 1                     | 2          | 15          |
|  | <b>TOTAL</b> | <b>28</b> | <b>18</b> | <b>24</b> | <b>21</b> | <b>20</b> | <b>19</b> | <b>14</b> | <b>25</b> | <b>26</b> | <b>25</b> | <b>22</b> | <b>34</b> | <b>34</b> | <b>46</b> | <b>41</b> | <b>39</b> | <b>49</b> | <b>41</b> | <b>30</b> | <b>37</b> | <b>44</b>  | <b>38</b>  | <b>31</b>             | <b>41</b>  | <b>747</b>  |



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**Table 17.0 Cont**

| <b>OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA 1989 - 2012</b> |              |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |             |
|--|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| ORGANS   | OUTCOME      | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
| PANCREATIC ISLETS  | Transplanted | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 6          | 3          | 1          | 7          | 5          | 11         | 9          | 12         | 9          | 4          | 68          |
|  | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Research     | 4          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 20         | 17         | 33         | 35         | 38         | 50         | 52         | 29         | 18         | 296         |
|  | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Unusable     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3          | 0          | 7          | 10         | 10         | 3          | 6          | 3          | 2          | 44          |
|  | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 4          | 16         | 11         | 4          | 5          | 4          | 5          | 50          |
|  | <b>TOTAL</b> | <b>4</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>6</b>   | <b>27</b>  | <b>18</b>  | <b>51</b>  | <b>66</b>  | <b>70</b>  | <b>66</b>  | <b>75</b>  | <b>45</b>  | <b>29</b>  | <b>458</b>  |
| INTESTINES   | Transplanted | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 2           |
|  | Stored       | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Research     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Unusable     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>2</b>    |
| EYE-CORNEA   | Transplanted | 263        | 226        | 171        | 200        | 224        | 114        | 140        | 168        | 128        | 139        | 107        | 75         | 87         | 110        | 59         | 102        | 96         | 99         | 69         | 122        | 121        | 177        | 129        | 31         | 3157        |
|  | Stored       | 22         | 6          | 22         | 22         | 12         | 42         | 32         | 25         | 48         | 47         | 70         | 100        | 74         | 82         | 80         | 92         | 65         | 63         | 56         | 85         | 67         | 83         | 156        | 265        | 1616        |
|  | Research     | 0          | 2          | 1          | 0          | 11         | 4          | 0          | 0          | 4          | 2          | 1          | 3          | 4          | 4          | 1          | 9          | 4          | 8          | 9          | 11         | 10         | 6          | 5          | 5          | 104         |
|  | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Unusable     | 6          | 0          | 25         | 30         | 17         | 22         | 21         | 5          | 14         | 12         | 2          | 7          | 11         | 5          | 4          | 8          | 1          | 2          | 1          | 3          | 3          | 1          | 2          | 3          | 205         |
|  | Not Used     | 3          | 18         | 1          | 3          | 4          | 10         | 2          | 1          | 2          | 6          | 2          | 3          | 1          | 6          | 0          | 1          | 4          | 2          | 1          | 10         | 0          | 3          | 6          | 3          | 92          |
|  | <b>TOTAL</b> | <b>294</b> | <b>252</b> | <b>220</b> | <b>255</b> | <b>268</b> | <b>192</b> | <b>195</b> | <b>199</b> | <b>196</b> | <b>206</b> | <b>182</b> | <b>188</b> | <b>177</b> | <b>207</b> | <b>144</b> | <b>212</b> | <b>170</b> | <b>174</b> | <b>136</b> | <b>231</b> | <b>201</b> | <b>270</b> | <b>298</b> | <b>307</b> | <b>5174</b> |
| BONE   | Transplanted | 3          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 7           |
|  | Stored       | 8          | 7          | 19         | 18         | 23         | 16         | 7          | 15         | 16         | 19         | 14         | 16         | 15         | 7          | 13         | 16         | 10         | 17         | 11         | 23         | 18         | 28         | 31         | 42         | 409         |
|  | Research     | 0          | 0          | 0          | 0          | 3          | 2          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 9           |
|  | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Unusable     | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 4           |
|  | Not Used     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 2           |
|  | <b>TOTAL</b> | <b>11</b>  | <b>8</b>   | <b>19</b>  | <b>19</b>  | <b>26</b>  | <b>18</b>  | <b>8</b>   | <b>15</b>  | <b>16</b>  | <b>21</b>  | <b>15</b>  | <b>17</b>  | <b>15</b>  | <b>7</b>   | <b>13</b>  | <b>17</b>  | <b>11</b>  | <b>18</b>  | <b>11</b>  | <b>23</b>  | <b>19</b>  | <b>29</b>  | <b>32</b>  | <b>43</b>  | <b>431</b>  |
| HEART VALVES   | Transplanted | 0          | 3          | 1          | 0          | 2          | 4          | 1          | 5          | 1          | 1          | 1          | 1          | 2          | 4          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 0          | 0          | 29          |
|  | Stored       | 24         | 24         | 28         | 31         | 28         | 29         | 19         | 21         | 32         | 36         | 32         | 52         | 38         | 50         | 38         | 36         | 34         | 34         | 42         | 53         | 43         | 69         | 61         | 52         | 906         |
|  | Research     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1           |
|  | En Bloc      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Double Adult | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|  | Unusable     | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 1          | 2          | 0          | 0          | 2          | 0          | 1          | 0          | 5          | 1          | 15          |
|  | Not Used     | 0          | 0          | 0          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 1          | 0          | 1          | 1          | 0          | 1          | 1          | 0          | 0          | 10          |
|  | <b>TOTAL</b> | <b>24</b>  | <b>27</b>  | <b>29</b>  | <b>33</b>  | <b>31</b>  | <b>34</b>  | <b>20</b>  | <b>26</b>  | <b>33</b>  | <b>38</b>  | <b>33</b>  | <b>54</b>  | <b>40</b>  | <b>54</b>  | <b>41</b>  | <b>39</b>  | <b>34</b>  | <b>35</b>  | <b>45</b>  | <b>53</b>  | <b>48</b>  | <b>71</b>  | <b>66</b>  | <b>53</b>  | <b>961</b>  |

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**Table 18.0**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA BY DONOR STATE 1 JAN 1989 - 31 DEC 2012

| ORGANS          | OUTCOME      | QLD         | NSW         | ACT        | VIC         | TAS        | SA          | NT         | WA         | TOTAL       |
|-----------------|--------------|-------------|-------------|------------|-------------|------------|-------------|------------|------------|-------------|
| KIDNEYS         | Transplanted | 1946        | 2782        | 234        | 2288        | 189        | 1161        | 110        | 834        | 9545        |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 3           | 2           | 0          | 0           | 0          | 4           | 0          | 0          | 9           |
|                 | En Bloc      | 14          | 15          | 2          | 10          | 2          | 5           | 0          | 6          | 54          |
|                 | Double Adult | 11          | 11          | 2          | 2           | 0          | 18          | 1          | 8          | 53          |
|                 | Unusable     | 26          | 48          | 4          | 62          | 6          | 30          | 3          | 7          | 186         |
|                 | Not Used     | 8           | 18          | 1          | 41          | 4          | 11          | 2          | 12         | 97          |
|                 | <b>TOTAL</b> | <b>2008</b> | <b>2876</b> | <b>243</b> | <b>2403</b> | <b>201</b> | <b>1229</b> | <b>116</b> | <b>867</b> | <b>9944</b> |
| LIVER           | Transplanted | 620         | 870         | 79         | 698         | 64         | 412         | 34         | 295        | 3072        |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 10          | 3           | 0          | 12          | 1          | 0           | 0          | 2          | 28          |
|                 | En Bloc      | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Double Adult | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Unusable     | 10          | 12          | 0          | 32          | 2          | 5           | 1          | 2          | 64          |
|                 | Not Used     | 3           | 12          | 0          | 24          | 1          | 11          | 1          | 4          | 56          |
|                 | <b>TOTAL</b> | <b>643</b>  | <b>897</b>  | <b>79</b>  | <b>766</b>  | <b>68</b>  | <b>428</b>  | <b>36</b>  | <b>303</b> | <b>3220</b> |
| SPLIT LIVER (L) | Transplanted | 100         | 80          | 11         | 22          | 5          | 12          | 0          | 4          | 234         |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 2           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 2           |
|                 | En Bloc      | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Double Adult | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Unusable     | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Not Used     | 4           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 4           |
|                 | <b>TOTAL</b> | <b>106</b>  | <b>80</b>   | <b>11</b>  | <b>22</b>   | <b>5</b>   | <b>12</b>   | <b>0</b>   | <b>4</b>   | <b>240</b>  |
| SPLIT LIVER (R) | Transplanted | 75          | 70          | 9          | 20          | 4          | 8           | 0          | 2          | 188         |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 3           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 3           |
|                 | En Bloc      | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Double Adult | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Unusable     | 4           | 1           | 0          | 0           | 0          | 0           | 0          | 0          | 5           |
|                 | Not Used     | 24          | 9           | 2          | 2           | 1          | 4           | 0          | 2          | 44          |
|                 | <b>TOTAL</b> | <b>106</b>  | <b>80</b>   | <b>11</b>  | <b>22</b>   | <b>5</b>   | <b>12</b>   | <b>0</b>   | <b>4</b>   | <b>240</b>  |
| HEPATOCYTES     | Transplanted | 0           | 0           | 0          | 1           | 0          | 0           | 0          | 0          | 1           |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | En Bloc      | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Double Adult | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Unusable     | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Not Used     | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | <b>TOTAL</b> | <b>0</b>    | <b>0</b>    | <b>0</b>   | <b>1</b>    | <b>0</b>   | <b>0</b>    | <b>0</b>   | <b>0</b>   | <b>1</b>    |
| HEART           | Transplanted | 420         | 507         | 49         | 434         | 43         | 206         | 17         | 153        | 1829        |
|                 | Stored       | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Research     | 1           | 12          | 2          | 51          | 5          | 2           | 0          | 0          | 73          |
|                 | En Bloc      | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Double Adult | 0           | 0           | 0          | 0           | 0          | 0           | 0          | 0          | 0           |
|                 | Unusable     | 2           | 1           | 1          | 6           | 0          | 2           | 0          | 1          | 13          |
|                 | Not Used     | 1           | 4           | 0          | 1           | 0          | 3           | 0          | 3          | 12          |
|                 | <b>TOTAL</b> | <b>424</b>  | <b>524</b>  | <b>52</b>  | <b>492</b>  | <b>48</b>  | <b>213</b>  | <b>17</b>  | <b>157</b> | <b>1927</b> |



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**Table 18.0 Cont.**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA BY DONOR STATE 1 JAN 1989 - 31 DEC 2012

| ORGANS         | OUTCOME      | QLD        | NSW        | ACT       | VIC        | TAS       | SA         | NT        | WA         | TOTAL       |
|----------------|--------------|------------|------------|-----------|------------|-----------|------------|-----------|------------|-------------|
| HEART-LUNGS    | Transplanted | 25         | 71         | 5         | 33         | 5         | 17         | 1         | 19         | 176         |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Not Used     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | <b>TOTAL</b> | <b>25</b>  | <b>71</b>  | <b>5</b>  | <b>33</b>  | <b>5</b>  | <b>17</b>  | <b>1</b>  | <b>19</b>  | <b>176</b>  |
| HEART-(L) LUNG | Transplanted | 0          | 1          | 0         | 0          | 0         | 0          | 0         | 0          | 1           |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Not Used     | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | <b>TOTAL</b> | <b>0</b>   | <b>1</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>   | <b>1</b>    |
| LUNGS          | Transplanted | 246        | 396        | 43        | 389        | 37        | 169        | 21        | 101        | 1402        |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 5          | 5          | 0         | 10         | 0         | 1          | 0         | 0          | 21          |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 3          | 0          | 0         | 3          | 0         | 0          | 0         | 0          | 6           |
|                | Not Used     | 3          | 1          | 0         | 1          | 0         | 0          | 0         | 1          | 6           |
|                | <b>TOTAL</b> | <b>257</b> | <b>402</b> | <b>43</b> | <b>403</b> | <b>37</b> | <b>170</b> | <b>21</b> | <b>102</b> | <b>1435</b> |
| LUNG (L)       | Transplanted | 33         | 59         | 2         | 65         | 7         | 19         | 3         | 20         | 208         |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 1          | 2          | 0         | 2          | 0         | 0          | 0         | 0          | 5           |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 8          | 0          | 1         | 0          | 0         | 3          | 0         | 0          | 12          |
|                | Not Used     | 5          | 5          | 1         | 4          | 0         | 3          | 0         | 2          | 20          |
|                | <b>TOTAL</b> | <b>47</b>  | <b>66</b>  | <b>4</b>  | <b>71</b>  | <b>7</b>  | <b>25</b>  | <b>3</b>  | <b>22</b>  | <b>245</b>  |
| LUNG (R)       | Transplanted | 45         | 56         | 4         | 55         | 5         | 21         | 2         | 17         | 205         |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 0          | 0          | 1         | 1          | 0         | 1          | 0         | 0          | 3           |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 0          | 0          | 0         | 3          | 0         | 1          | 1         | 0          | 5           |
|                | Not Used     | 7          | 7          | 0         | 6          | 1         | 2          | 0         | 2          | 25          |
|                | <b>TOTAL</b> | <b>52</b>  | <b>63</b>  | <b>5</b>  | <b>65</b>  | <b>6</b>  | <b>25</b>  | <b>3</b>  | <b>19</b>  | <b>238</b>  |
| PANCREAS       | Transplanted | 43         | 220        | 20        | 144        | 25        | 49         | 0         | 22         | 523         |
|                | Stored       | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Research     | 8          | 58         | 5         | 59         | 0         | 15         | 1         | 55         | 201         |
|                | En Bloc      | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Double Adult | 0          | 0          | 0         | 0          | 0         | 0          | 0         | 0          | 0           |
|                | Unusable     | 2          | 6          | 0         | 0          | 0         | 0          | 0         | 0          | 8           |
|                | Not Used     | 0          | 4          | 1         | 7          | 0         | 1          | 0         | 2          | 15          |
|                | <b>TOTAL</b> | <b>53</b>  | <b>288</b> | <b>26</b> | <b>210</b> | <b>25</b> | <b>65</b>  | <b>1</b>  | <b>79</b>  | <b>747</b>  |

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**Table 18.0 Cont.**

| <b>OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA<br/>BY DONOR STATE 1 JAN 1989 - 31 DEC 2012</b> |              |            |             |            |             |            |            |          |            |             |
|--|--------------|------------|-------------|------------|-------------|------------|------------|----------|------------|-------------|
| ORGANS   | OUTCOME      | QLD        | NSW         | ACT        | VIC         | TAS        | SA         | NT       | WA         | TOTAL       |
| PANCREATIC ISLETS  | Transplanted | 4          | 27          | 2          | 18          | 3          | 12         | 1        | 1          | 68          |
|  | Stored       | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Research     | 8          | 42          | 2          | 142         | 16         | 79         | 4        | 3          | 296         |
|  | En Bloc      | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Double Adult | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Unusable     | 3          | 9           | 5          | 19          | 2          | 2          | 4        | 0          | 44          |
|  | Not Used     | 4          | 15          | 1          | 15          | 0          | 9          | 0        | 6          | 50          |
|  | <b>TOTAL</b> | <b>19</b>  | <b>93</b>   | <b>10</b>  | <b>194</b>  | <b>21</b>  | <b>102</b> | <b>9</b> | <b>10</b>  | <b>458</b>  |
| INTESTINES   | Transplanted | 0          | 0           | 0          | 0           | 2          | 0          | 0        | 0          | 2           |
|  | Stored       | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Research     | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | En Bloc      | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Double Adult | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Unusable     | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Not Used     | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | <b>TOTAL</b> | <b>0</b>   | <b>0</b>    | <b>0</b>   | <b>0</b>    | <b>2</b>   | <b>0</b>   | <b>0</b> | <b>0</b>   | <b>2</b>    |
| EYE-CORNEA   | Transplanted | 460        | 954         | 48         | 1249        | 74         | 250        | 2        | 120        | 3157        |
|  | Stored       | 372        | 375         | 55         | 318         | 30         | 236        | 0        | 230        | 1616        |
|  | Research     | 2          | 76          | 2          | 15          | 0          | 6          | 0        | 3          | 104         |
|  | En Bloc      | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Double Adult | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Unusable     | 3          | 160         | 11         | 14          | 2          | 7          | 0        | 8          | 205         |
|  | Not Used     | 5          | 49          | 2          | 27          | 1          | 5          | 0        | 3          | 92          |
|  | <b>TOTAL</b> | <b>842</b> | <b>1614</b> | <b>118</b> | <b>1623</b> | <b>107</b> | <b>504</b> | <b>2</b> | <b>364</b> | <b>5174</b> |
| BONE   | Transplanted | 3          | 1           | 0          | 0           | 0          | 2          | 0        | 1          | 7           |
|  | Stored       | 234        | 33          | 0          | 42          | 2          | 47         | 0        | 51         | 409         |
|  | Research     | 2          | 1           | 0          | 6           | 0          | 0          | 0        | 0          | 9           |
|  | En Bloc      | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Double Adult | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Unusable     | 3          | 0           | 0          | 0           | 0          | 0          | 0        | 1          | 4           |
|  | Not Used     | 0          | 0           | 0          | 2           | 0          | 0          | 0        | 0          | 2           |
|  | <b>TOTAL</b> | <b>242</b> | <b>35</b>   | <b>0</b>   | <b>50</b>   | <b>2</b>   | <b>49</b>  | <b>0</b> | <b>53</b>  | <b>431</b>  |
| HEART VALVES   | Transplanted | 2          | 19          | 0          | 7           | 0          | 1          | 0        | 0          | 29          |
|  | Stored       | 264        | 257         | 25         | 190         | 16         | 86         | 4        | 64         | 906         |
|  | Research     | 0          | 0           | 0          | 0           | 0          | 1          | 0        | 0          | 1           |
|  | En Bloc      | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Double Adult | 0          | 0           | 0          | 0           | 0          | 0          | 0        | 0          | 0           |
|  | Unusable     | 4          | 5           | 0          | 3           | 1          | 1          | 0        | 1          | 15          |
|  | Not Used     | 1          | 5           | 0          | 3           | 0          | 1          | 0        | 0          | 10          |
|  | <b>TOTAL</b> | <b>271</b> | <b>286</b>  | <b>25</b>  | <b>203</b>  | <b>17</b>  | <b>90</b>  | <b>4</b> | <b>65</b>  | <b>961</b>  |



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**Table 19.0**

## TRANSPLANTED SOLID ORGANS BY TRANSPLANTING STATE 1989 - 2012 ORGANS DONATED FROM AUSTRALIA AND NEW ZEALAND

| STATE OF TRANS-PLANT | ORGANS TRANS-PLANTED | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|----------------------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| QLD                  | KIDNEYS              | 77         | 70         | 82         | 105        | 95         | 81         | 62         | 66         | 78         | 67         | 36         | 69         | 84         | 77         | 73         | 73         | 55         | 60         | 70         | 92         | 85         | 94         | 119        | 129        | 1899        |
|                      | LIVER                | 46         | 32         | 42         | 60         | 47         | 50         | 46         | 26         | 41         | 40         | 24         | 38         | 35         | 33         | 27         | 30         | 26         | 28         | 21         | 28         | 27         | 24         | 33         | 37         | 841         |
|                      | SPLIT LIVER (L)      | 2          | 0          | 2          | 0          | 4          | 8          | 8          | 12         | 8          | 6          | 7          | 4          | 3          | 2          | 2          | 1          | 3          | 2          | 4          | 3          | 6          | 5          | 4          | 6          | 102         |
|                      | SPLIT LIVER (R)      | 2          | 0          | 2          | 0          | 1          | 2          | 7          | 9          | 4          | 4          | 6          | 4          | 1          | 2          | 3          | 1          | 3          | 1          | 3          | 3          | 4          | 3          | 5          | 7          | 77          |
|                      | HEPATOCYTES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | HEART                | 0          | 8          | 19         | 23         | 28         | 21         | 20         | 24         | 21         | 10         | 11         | 9          | 8          | 17         | 16         | 14         | 12         | 16         | 13         | 8          | 10         | 3          | 10         | 12         | 333         |
|                      | HEART- LUNGS         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 2          | 2          | 3          | 4          | 2          | 2          | 0          | 2          | 0          | 1          | 1          | 21          |
|                      | HEART- (L) LUNG      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | LUNGS                | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 9          | 13         | 7          | 10         | 1          | 13         | 6          | 19         | 14         | 8          | 9          | 14         | 17         | 12         | 23         | 25         | 200         |
|                      | LUNG (L)             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 0          | 1          | 0          | 2          | 0          | 0          | 8           |
|                      | LUNG (R)             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 3          | 0          | 0          | 1          | 2          | 0          | 2          | 2          | 1          | 0          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 13          |
|                      | PANCREAS             | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | PANCREATIC ISLETS    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | INTESTINES           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | <b>TOTAL</b>         | <b>127</b> | <b>110</b> | <b>147</b> | <b>188</b> | <b>175</b> | <b>162</b> | <b>143</b> | <b>140</b> | <b>163</b> | <b>140</b> | <b>93</b>  | <b>136</b> | <b>133</b> | <b>148</b> | <b>131</b> | <b>143</b> | <b>118</b> | <b>119</b> | <b>122</b> | <b>149</b> | <b>152</b> | <b>143</b> | <b>195</b> | <b>217</b> | <b>3494</b> |
| NSW                  | KIDNEYS              | 161        | 136        | 151        | 140        | 123        | 130        | 134        | 134        | 130        | 129        | 92         | 116        | 89         | 121        | 108        | 143        | 130        | 105        | 97         | 129        | 131        | 182        | 144        | 173        | 3128        |
|                      | LIVER                | 34         | 31         | 46         | 53         | 44         | 35         | 38         | 47         | 46         | 52         | 41         | 49         | 36         | 49         | 35         | 54         | 38         | 36         | 34         | 40         | 45         | 60         | 60         | 51         | 1054        |
|                      | SPLIT LIVER (L)      | 0          | 0          | 0          | 0          | 2          | 0          | 2          | 0          | 0          | 0          | 0          | 1          | 3          | 6          | 6          | 11         | 11         | 10         | 8          | 8          | 6          | 6          | 4          | 12         | 96          |
|                      | SPLIT LIVER (R)      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 5          | 7          | 12         | 8          | 7          | 9          | 8          | 6          | 8          | 6          | 10         | 87          |
|                      | HEPATOCYTES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | HEART                | 49         | 43         | 41         | 36         | 38         | 41         | 39         | 33         | 35         | 26         | 19         | 20         | 17         | 19         | 14         | 28         | 26         | 19         | 18         | 27         | 19         | 27         | 24         | 25         | 683         |
|                      | HEART- LUNGS         | 11         | 6          | 5          | 7          | 6          | 6          | 10         | 4          | 3          | 4          | 0          | 2          | 0          | 2          | 1          | 3          | 1          | 1          | 3          | 1          | 0          | 0          | 0          | 3          | 79          |
|                      | HEART- (L) LUNG      | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
|                      | LUNGS                | 0          | 1          | 1          | 5          | 14         | 21         | 18         | 24         | 14         | 18         | 14         | 29         | 28         | 28         | 27         | 31         | 28         | 32         | 25         | 40         | 38         | 40         | 43         | 47         | 566         |
|                      | LUNG (L)             | 0          | 1          | 7          | 8          | 9          | 5          | 5          | 5          | 7          | 5          | 7          | 4          | 3          | 2          | 3          | 0          | 1          | 1          | 1          | 2          | 1          | 0          | 1          | 0          | 78          |
|                      | LUNG (R)             | 0          | 1          | 6          | 8          | 5          | 5          | 4          | 4          | 9          | 4          | 4          | 3          | 2          | 1          | 1          | 0          | 2          | 1          | 1          | 1          | 1          | 1          | 1          | 0          | 65          |
|                      | PANCREAS             | 6          | 8          | 7          | 7          | 9          | 10         | 11         | 11         | 11         | 14         | 12         | 18         | 11         | 16         | 20         | 20         | 25         | 26         | 19         | 20         | 22         | 19         | 19         | 28         | 369         |
|                      | PANCREATIC ISLETS    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 6          | 3          | 1          | 7          | 4          | 5          | 5          | 7          | 4          | 2          | 45          |
|                      | INTESTINES           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | <b>TOTAL</b>         | <b>261</b> | <b>227</b> | <b>264</b> | <b>265</b> | <b>250</b> | <b>253</b> | <b>261</b> | <b>262</b> | <b>255</b> | <b>252</b> | <b>189</b> | <b>243</b> | <b>189</b> | <b>250</b> | <b>228</b> | <b>305</b> | <b>271</b> | <b>245</b> | <b>219</b> | <b>281</b> | <b>274</b> | <b>350</b> | <b>306</b> | <b>351</b> | <b>6251</b> |
| VIC                  | KIDNEYS              | 129        | 98         | 86         | 97         | 96         | 54         | 79         | 91         | 82         | 70         | 78         | 82         | 87         | 92         | 77         | 85         | 94         | 99         | 93         | 130        | 135        | 180        | 194        | 182        | 2490        |
|                      | LIVER                | 15         | 16         | 23         | 23         | 23         | 23         | 26         | 25         | 29         | 28         | 27         | 30         | 32         | 30         | 28         | 35         | 35         | 39         | 35         | 38         | 47         | 51         | 46         | 55         | 759         |
|                      | SPLIT LIVER (L)      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 4          | 2          | 3          | 1          | 1          | 4          | 7          | 4          | 3          | 7          | 5          | 42          |
|                      | SPLIT LIVER (R)      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 1          | 0          | 0          | 1          | 3          | 1          | 3          | 2          | 2          | 15          |
|                      | HEPATOCYTES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
|                      | HEART                | 35         | 39         | 29         | 42         | 36         | 28         | 32         | 27         | 30         | 27         | 28         | 22         | 35         | 31         | 25         | 25         | 25         | 29         | 23         | 34         | 23         | 29         | 22         | 22         | 698         |
|                      | HEART- LUNGS         | 3          | 6          | 14         | 10         | 7          | 7          | 5          | 3          | 1          | 0          | 1          | 0          | 1          | 4          | 2          | 0          | 0          | 3          | 0          | 3          | 0          | 1          | 1          | 0          | 72          |
|                      | HEART- (L) LUNG      | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|                      | LUNGS                | 0          | 0          | 1          | 1          | 20         | 22         | 22         | 14         | 21         | 18         | 21         | 26         | 18         | 25         | 25         | 32         | 27         | 35         | 29         | 40         | 50         | 54         | 70         | 57         | 628         |
|                      | LUNG (L)             | 0          | 1          | 3          | 4          | 4          | 7          | 7          | 8          | 11         | 12         | 6          | 8          | 7          | 10         | 6          | 6          | 1          | 4          | 3          | 3          | 3          | 2          | 5          | 1          | 122         |
|                      | LUNG (R)             | 0          | 1          | 0          | 4          | 6          | 6          | 11         | 10         | 9          | 13         | 7          | 8          | 14         | 10         | 4          | 4          | 1          | 5          | 3          | 1          | 3          | 5          | 3          | 1          | 129         |
|                      | PANCREAS             | 1          | 0          | 1          | 3          | 2          | 5          | 2          | 1          | 5          | 4          | 5          | 8          | 10         | 9          | 5          | 8          | 8          | 8          | 9          | 12         | 15         | 15         | 7          | 10         | 153         |
|                      | PANCREATIC ISLETS    | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 6          | 4          | 0          | 4          | 1          | 16          |
|                      | INTESTINES           | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 2           |
|                      | <b>TOTAL</b>         | <b>183</b> | <b>161</b> | <b>157</b> | <b>184</b> | <b>194</b> | <b>152</b> | <b>184</b> | <b>179</b> | <b>189</b> | <b>172</b> | <b>173</b> | <b>184</b> | <b>204</b> | <b>217</b> | <b>174</b> | <b>200</b> | <b>192</b> | <b>223</b> | <b>201</b> | <b>277</b> | <b>285</b> | <b>344</b> | <b>361</b> | <b>337</b> | <b>5127</b> |



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**Table 19.0 Cont.**

| TRANSPLANTED SOLID ORGANS BY TRANSPLANTING STATE 1989 - 2012<br>ORGANS DONATED FROM AUSTRALIA AND NEW ZEALAND |                      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |       |  |
|---|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-------|--|
| STATE OF TRANS-PLANT  | ORGANS TRANS-PLANTED | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12  | TOTAL |  |
| SA  | KIDNEYS              | 42 | 55 | 38 | 38 | 41 | 44 | 46 | 45 | 45 | 64 | 55 | 54 | 43 | 54 | 42 | 69 | 44 | 72 | 50 | 69 | 60 | 54 | 58 | 65  | 1247  |  |
|   | LIVER                | 0  | 0  | 0  | 1  | 6  | 9  | 8  | 9  | 5  | 8  | 8  | 8  | 4  | 11 | 8  | 15 | 14 | 14 | 17 | 23 | 20 | 17 | 24 | 20  | 249   |  |
|   | SPLIT LIVER (L)      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | SPLIT LIVER (R)      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 2  | 3  | 0  | 1   | 10    |  |
|   | HEPATOCYTES          | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | HEART                | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | HEART- LUNGS         | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | HEART- (L) LUNG      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | LUNGS                | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | LUNG (L)             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | LUNG (R)             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | PANCREAS             | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1     |  |
|   | PANCREATIC ISLETS    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 5  | 1  | 1   | 7     |  |
|   | INTESTINES           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | TOTAL                | 42 | 56 | 38 | 39 | 47 | 53 | 54 | 54 | 51 | 72 | 63 | 62 | 47 | 66 | 50 | 84 | 58 | 86 | 68 | 93 | 82 | 79 | 83 | 87  | 1514  |  |
| WA  | KIDNEYS              | 34 | 23 | 38 | 24 | 38 | 30 | 25 | 26 | 21 | 27 | 25 | 29 | 27 | 28 | 25 | 36 | 54 | 34 | 32 | 39 | 35 | 40 | 55 | 58  | 803   |  |
|   | LIVER                | 0  | 0  | 0  | 1  | 1  | 11 | 10 | 14 | 17 | 13 | 9  | 13 | 7  | 6  | 15 | 13 | 23 | 19 | 14 | 26 | 19 | 20 | 15 | 21  | 287   |  |
|   | SPLIT LIVER (L)      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 2     |  |
|   | SPLIT LIVER (R)      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 1  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0   | 5     |  |
|   | HEPATOCYTES          | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | HEART                | 0  | 0  | 0  | 0  | 0  | 0  | 7  | 4  | 5  | 9  | 8  | 6  | 7  | 6  | 11 | 7  | 12 | 7  | 5  | 13 | 7  | 6  | 9  | 13  | 142   |  |
|   | HEART- LUNGS         | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 1  | 1  | 0  | 2  | 0  | 0  | 5   |       |  |
|   | HEART- (L) LUNG      | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   |       |  |
|   | LUNGS                | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4  | 6  | 6  | 4  | 7  | 12 | 12 | 53  |       |  |
|   | LUNG (L)             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 2  | 2  | 0  | 1  | 1  | 10  |       |  |
|   | LUNG (R)             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 0  | 2  | 0  | 0  | 1  | 1  | 8   |       |  |
|   | PANCREAS             | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | PANCREATIC ISLETS    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | INTESTINES           | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0     |  |
|   | TOTAL                | 34 | 23 | 38 | 25 | 39 | 41 | 42 | 44 | 43 | 52 | 44 | 48 | 41 | 40 | 51 | 57 | 97 | 67 | 58 | 89 | 67 | 75 | 94 | 106 | 1315  |  |



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**Table 20.0**

| TRANSPLANTED SOLID ORGANS IN AUSTRALIA       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |       |  |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|--|
| ORGANS DONATED FROM AUSTRALIA OR NEW ZEALAND |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |       |  |
| ORGANS TRANSPLANTED<br>IN AUSTRALIA          | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 00  | 01  | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11   | 12   | TOTAL |  |
| KIDNEYS                                      | 443 | 382 | 395 | 404 | 393 | 339 | 346 | 362 | 356 | 357 | 286 | 350 | 330 | 372 | 325 | 406 | 377 | 370 | 342 | 459 | 446 | 550 | 570  | 607  | 9567  |  |
| LIVER  | 95  | 79  | 111 | 138 | 121 | 128 | 128 | 121 | 138 | 141 | 109 | 138 | 114 | 129 | 113 | 147 | 136 | 136 | 121 | 155 | 158 | 172 | 178  | 184  | 3190  |  |
| SPLIT LIVER (L)                              | 2   | 0   | 2   | 0   | 6   | 8   | 10  | 12  | 9   | 7   | 8   | 5   | 6   | 12  | 10  | 15  | 15  | 13  | 16  | 18  | 16  | 14  | 15   | 23   | 242   |  |
| SPLIT LIVER (R)                              | 2   | 0   | 2   | 0   | 1   | 2   | 7   | 9   | 5   | 6   | 7   | 5   | 1   | 10  | 10  | 14  | 12  | 8   | 14  | 15  | 13  | 17  | 14   | 20   | 194   |  |
| HEPATOCYTES                                  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1     |  |
| HEART  | 84  | 90  | 89  | 101 | 102 | 90  | 98  | 88  | 91  | 72  | 66  | 57  | 67  | 73  | 66  | 74  | 75  | 71  | 59  | 82  | 59  | 65  | 65   | 72   | 1856  |  |
| HEART-LUNGS                                  | 14  | 12  | 19  | 17  | 13  | 13  | 15  | 7   | 4   | 4   | 2   | 2   | 2   | 8   | 5   | 6   | 6   | 6   | 6   | 5   | 2   | 3   | 2    | 4    | 177   |  |
| HEART-(L) LUNG                               | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1     |  |
| LUNGS  | 0   | 1   | 2   | 6   | 34  | 43  | 40  | 38  | 44  | 49  | 42  | 65  | 47  | 66  | 58  | 82  | 71  | 79  | 69  | 100 | 109 | 113 | 148  | 141  | 1447  |  |
| LUNG (L)                                     | 0   | 2   | 10  | 12  | 13  | 12  | 12  | 13  | 20  | 17  | 13  | 12  | 10  | 12  | 9   | 7   | 5   | 8   | 4   | 8   | 6   | 4   | 7    | 2    | 218   |  |
| LUNG (R)                                     | 0   | 2   | 6   | 12  | 11  | 11  | 15  | 17  | 18  | 17  | 12  | 13  | 16  | 13  | 7   | 6   | 5   | 8   | 4   | 4   | 5   | 6   | 5    | 2    | 215   |  |
| PANCREAS                                     | 7   | 9   | 8   | 10  | 11  | 15  | 13  | 12  | 16  | 18  | 17  | 26  | 21  | 25  | 25  | 28  | 33  | 34  | 28  | 32  | 37  | 34  | 26   | 38   | 523   |  |
| PANCREATIC ISLETS                            | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 6   | 3   | 1   | 7   | 5   | 11  | 9   | 12  | 9    | 4    | 68    |  |
| INTESTINES                                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0    | 1    | 2     |  |
| TOTAL  | 647 | 577 | 644 | 701 | 705 | 661 | 684 | 679 | 701 | 688 | 562 | 673 | 614 | 721 | 634 | 789 | 736 | 740 | 668 | 889 | 860 | 991 | 1039 | 1098 | 17701 |  |

**Table 21.0**

| TRANSPLANTED SOLID ORGANS IN NEW ZEALAND<br>ORGANS DONATED FROM AUSTRALIA OR NEW ZEALAND |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |       |  |  |
|--|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-------|--|--|
| ORGANS TRANSPLANTED<br>IN NEW ZEALAND  | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98  | 99  | 00  | 01  | 02  | 03  | 04  | 05 | 06 | 07  | 08  | 09  | 10  | 11  | 12  | TOTAL |  |  |
| KIDNEYS  | 28 | 56 | 40 | 70 | 64 | 63 | 70 | 70 | 81 | 75  | 70  | 75  | 67  | 69  | 67  | 57  | 47 | 41 | 65  | 53  | 54  | 50  | 61  | 56  | 1449  |  |  |
| LIVER  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 13  | 27  | 33  | 36  | 35  | 33  | 34  | 20 | 26 | 26  | 26  | 30  | 31  | 35  | 29  | 434   |  |  |
| SPLIT LIVER (L)  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 3   | 2   | 3  | 2  | 2   | 2   | 0   | 4   | 1   | 4   | 25    |  |  |
| SPLIT LIVER (R)  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1  | 4  | 2   | 3   | 1   | 0   | 0   | 2   | 14    |  |  |
| HEART  | 8  | 6  | 5  | 11 | 8  | 10 | 7  | 13 | 14 | 10  | 10  | 13  | 15  | 8   | 22  | 4   | 13 | 8  | 9   | 8   | 11  | 11  | 11  | 12  | 247   |  |  |
| LUNGS  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 6  | 1  | 2   | 7   | 10  | 9   | 5   | 10  | 9   | 8  | 9  | 9   | 12  | 7   | 9   | 10  | 13  | 139   |  |  |
| LUNG (L)   | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 1   | 0   | 0   | 1   | 1   | 2   | 0   | 0  | 1  | 0   | 0   | 1   | 0   | 0   | 0   | 11    |  |  |
| LUNG (R)   | 0  | 0  | 0  | 0  | 1  | 2  | 0  | 0  | 2  | 2   | 0   | 2   | 1   | 2   | 2   | 0   | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 14    |  |  |
| PANCREAS   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 2   | 3   | 3   | 2   | 6   | 2   | 2  | 6  | 1   | 4   | 2   | 3   | 3   | 3   | 43    |  |  |
| TOTAL  | 36 | 62 | 45 | 81 | 73 | 76 | 80 | 91 | 99 | 104 | 116 | 136 | 132 | 124 | 146 | 108 | 94 | 97 | 114 | 108 | 106 | 108 | 121 | 119 | 2376  |  |  |

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**Table 22.0**

## ORGANS DONATED FROM EACH AUS DONOR STATE TX IN AUSTRALIA AND NEW ZEALAND

**1989 - 2012**

| STATE | ORGANS TRANSPLANTED | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|-------|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| QLD   | KIDNEYS             | 70         | 69         | 92         | 121        | 81         | 71         | 65         | 68         | 74         | 76         | 38         | 68         | 88         | 83         | 77         | 74         | 60         | 70         | 71         | 96         | 87         | 94         | 119        | 134        | 1946        |
|       | LIVER               | 22         | 22         | 25         | 41         | 21         | 23         | 18         | 16         | 22         | 26         | 8          | 25         | 33         | 31         | 31         | 29         | 21         | 27         | 21         | 28         | 29         | 27         | 37         | 37         | 620         |
|       | SPLIT LIVER (L)     | 1          | 0          | 2          | 0          | 5          | 6          | 8          | 9          | 9          | 5          | 7          | 2          | 3          | 3          | 3          | 1          | 3          | 1          | 4          | 4          | 6          | 3          | 7          | 8          | 100         |
|       | SPLIT LIVER (R)     | 1          | 0          | 2          | 0          | 1          | 2          | 6          | 8          | 5          | 4          | 6          | 2          | 1          | 2          | 2          | 0          | 3          | 1          | 3          | 5          | 5          | 3          | 6          | 7          | 75          |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | HEART               | 17         | 18         | 26         | 29         | 28         | 23         | 21         | 19         | 21         | 15         | 7          | 10         | 21         | 16         | 19         | 16         | 13         | 13         | 10         | 20         | 15         | 11         | 15         | 17         | 420         |
|       | HEART- LUNGS        | 1          | 0          | 1          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 4          | 4          | 2          | 4          | 1          | 1          | 0          | 2          | 0          | 1          | 2          | 25          |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | LUNGS               | 0          | 0          | 1          | 2          | 11         | 7          | 2          | 4          | 11         | 15         | 4          | 11         | 12         | 10         | 12         | 16         | 10         | 9          | 9          | 19         | 18         | 15         | 23         | 25         | 246         |
|       | LUNG (L)            | 0          | 0          | 1          | 3          | 3          | 2          | 5          | 1          | 4          | 2          | 0          | 1          | 0          | 4          | 1          | 1          | 0          | 1          | 0          | 1          | 1          | 2          | 0          | 0          | 33          |
|       | LUNG (R)            | 0          | 2          | 2          | 3          | 3          | 3          | 5          | 4          | 3          | 2          | 1          | 1          | 4          | 4          | 2          | 1          | 0          | 1          | 0          | 0          | 2          | 1          | 1          | 0          | 45          |
|       | PANCREAS            | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 1          | 1          | 3          | 2          | 0          | 2          | 5          | 2          | 2          | 5          | 4          | 3          | 3          | 1          | 3          | 4          | 43          |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 3          | 0          | 0          | 4           |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>112</b> | <b>111</b> | <b>152</b> | <b>201</b> | <b>153</b> | <b>139</b> | <b>130</b> | <b>129</b> | <b>150</b> | <b>146</b> | <b>74</b>  | <b>122</b> | <b>162</b> | <b>159</b> | <b>156</b> | <b>142</b> | <b>116</b> | <b>129</b> | <b>123</b> | <b>177</b> | <b>168</b> | <b>160</b> | <b>212</b> | <b>234</b> | <b>3557</b> |
| NSW   | KIDNEYS             | 166        | 143        | 135        | 137        | 116        | 127        | 113        | 116        | 119        | 120        | 81         | 98         | 76         | 97         | 84         | 120        | 103        | 90         | 90         | 100        | 120        | 156        | 129        | 146        | 2782        |
|       | LIVER               | 40         | 25         | 35         | 38         | 37         | 39         | 38         | 32         | 45         | 43         | 29         | 44         | 33         | 32         | 26         | 39         | 29         | 26         | 28         | 34         | 40         | 49         | 48         | 41         | 870         |
|       | SPLIT LIVER (L)     | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 2          | 2          | 4          | 6          | 10         | 7          | 8          | 8          | 6          | 6          | 6          | 4          | 9          | 80          |
|       | SPLIT LIVER (R)     | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 2          | 0          | 3          | 6          | 10         | 5          | 6          | 8          | 6          | 6          | 6          | 3          | 7          | 70          |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | HEART               | 30         | 34         | 34         | 33         | 28         | 34         | 29         | 28         | 27         | 18         | 15         | 20         | 13         | 15         | 10         | 20         | 15         | 16         | 14         | 17         | 12         | 17         | 12         | 16         | 507         |
|       | HEART- LUNGS        | 13         | 5          | 3          | 6          | 7          | 8          | 9          | 3          | 1          | 3          | 0          | 1          | 0          | 2          | 0          | 3          | 0          | 1          | 3          | 1          | 0          | 0          | 0          | 2          | 71          |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
|       | LUNGS               | 0          | 1          | 0          | 4          | 6          | 15         | 9          | 16         | 10         | 11         | 13         | 24         | 11         | 18         | 17         | 29         | 19         | 21         | 20         | 26         | 32         | 33         | 30         | 31         | 396         |
|       | LUNG (L)            | 0          | 1          | 6          | 8          | 5          | 6          | 3          | 3          | 7          | 3          | 3          | 4          | 2          | 1          | 1          | 0          | 0          | 2          | 1          | 1          | 0          | 1          | 1          | 0          | 59          |
|       | LUNG (R)            | 0          | 0          | 4          | 7          | 3          | 6          | 4          | 2          | 8          | 5          | 2          | 4          | 2          | 3          | 0          | 0          | 0          | 2          | 1          | 1          | 0          | 1          | 1          | 0          | 56          |
|       | PANCREAS            | 6          | 8          | 7          | 7          | 8          | 8          | 9          | 10         | 9          | 12         | 7          | 12         | 6          | 8          | 13         | 10         | 10         | 10         | 10         | 7          | 8          | 14         | 7          | 14         | 220         |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 4          | 2          | 0          | 6          | 3          | 2          | 1          | 2          | 4          | 2          | 27          |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>257</b> | <b>217</b> | <b>224</b> | <b>241</b> | <b>210</b> | <b>243</b> | <b>214</b> | <b>212</b> | <b>226</b> | <b>215</b> | <b>150</b> | <b>211</b> | <b>145</b> | <b>184</b> | <b>167</b> | <b>243</b> | <b>188</b> | <b>188</b> | <b>186</b> | <b>201</b> | <b>225</b> | <b>285</b> | <b>239</b> | <b>268</b> | <b>5139</b> |
| ACT   | KIDNEYS             | 6          | 8          | 8          | 0          | 12         | 3          | 14         | 12         | 5          | 4          | 4          | 9          | 14         | 9          | 16         | 12         | 17         | 6          | 2          | 10         | 13         | 18         | 14         | 18         | 234         |
|       | LIVER               | 0          | 2          | 3          | 0          | 3          | 2          | 6          | 5          | 3          | 1          | 2          | 5          | 4          | 4          | 3          | 3          | 4          | 3          | 1          | 2          | 4          | 6          | 7          | 6          | 79          |
|       | SPLIT LIVER (L)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 1          | 4          | 0          | 0          | 1          | 0          | 2          | 0          | 1          | 11          |
|       | SPLIT LIVER (R)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 3          | 0          | 0          | 1          | 0          | 2          | 0          | 1          | 9           |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | HEART               | 1          | 4          | 2          | 0          | 4          | 2          | 5          | 4          | 1          | 1          | 0          | 2          | 3          | 3          | 2          | 3          | 4          | 2          | 0          | 0          | 1          | 1          | 2          | 2          | 49          |
|       | HEART- LUNGS        | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 5           |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | LUNGS               | 0          | 0          | 0          | 0          | 1          | 1          | 4          | 0          | 1          | 0          | 0          | 3          | 3          | 3          | 1          | 3          | 5          | 2          | 1          | 5          | 2          | 2          | 3          | 3          | 43          |
|       | LUNG (L)            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2           |
|       | LUNG (R)            | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 4           |
|       | PANCREAS            | 0          | 0          | 0          | 0          | 1          | 0          | 2          | 1          | 1          | 0          | 0          | 1          | 1          | 1          | 1          | 1          | 4          | 1          | 0          | 1          | 1          | 1          | 1          | 1          | 20          |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 2           |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>7</b>   | <b>15</b>  | <b>14</b>  | <b>0</b>   | <b>22</b>  | <b>8</b>   | <b>31</b>  | <b>23</b>  | <b>12</b>  | <b>8</b>   | <b>6</b>   | <b>20</b>  | <b>26</b>  | <b>23</b>  | <b>25</b>  | <b>24</b>  | <b>42</b>  | <b>14</b>  | <b>4</b>   | <b>20</b>  | <b>21</b>  | <b>34</b>  | <b>27</b>  | <b>32</b>  | <b>458</b>  |



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**Table 22.0 Cont.**

## ORGANS DONATED FROM EACH AUS DONOR STATE TX IN AUSTRALIA AND NEW ZEALAND

**1989-2012**

| STATE | ORGANS TRANSPLANTED | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|-------|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| VIC   | KIDNEYS             | 121        | 87         | 80         | 78         | 90         | 50         | 71         | 89         | 83         | 65         | 69         | 85         | 79         | 85         | 72         | 80         | 87         | 87         | 93         | 121        | 119        | 164        | 177        | 156        | 2288        |
|       | LIVER               | 26         | 17         | 22         | 17         | 21         | 20         | 20         | 19         | 16         | 21         | 26         | 29         | 24         | 32         | 29         | 33         | 38         | 38         | 34         | 36         | 35         | 51         | 44         | 50         | 698         |
|       | SPLIT LIVER (L)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 2          | 0          | 1          | 2          | 5          | 1          | 2          | 5          | 2          | 22          |
|       | SPLIT LIVER (R)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 0          | 2          | 0          | 1          | 2          | 3          | 1          | 2          | 5          | 2          | 20          |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
|       | HEART               | 29         | 24         | 16         | 23         | 23         | 14         | 16         | 16         | 21         | 15         | 20         | 13         | 16         | 17         | 13         | 15         | 16         | 17         | 20         | 19         | 14         | 24         | 20         | 13         | 434         |
|       | HEART- LUNGS        | 0          | 4          | 8          | 4          | 2          | 1          | 4          | 2          | 1          | 0          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 4          | 0          | 1          | 0          | 0          | 0          | 0          | 33          |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | LUNGS               | 0          | 0          | 1          | 0          | 7          | 8          | 11         | 5          | 11         | 7          | 12         | 16         | 7          | 12         | 12         | 14         | 21         | 22         | 23         | 28         | 30         | 43         | 57         | 42         | 389         |
|       | LUNG (L)            | 0          | 0          | 3          | 0          | 4          | 3          | 1          | 3          | 4          | 8          | 5          | 3          | 6          | 5          | 3          | 3          | 1          | 2          | 3          | 3          | 2          | 0          | 3          | 0          | 65          |
|       | LUNG (R)            | 0          | 0          | 0          | 1          | 2          | 1          | 2          | 4          | 2          | 6          | 6          | 3          | 8          | 5          | 1          | 2          | 0          | 2          | 3          | 1          | 2          | 2          | 2          | 0          | 55          |
|       | PANCREAS            | 1          | 0          | 1          | 3          | 2          | 5          | 2          | 1          | 5          | 3          | 3          | 8          | 11         | 8          | 5          | 9          | 10         | 9          | 11         | 10         | 11         | 12         | 6          | 8          | 144         |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 1          | 4          | 4          | 3          | 3          | 0          | 18          |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>177</b> | <b>132</b> | <b>131</b> | <b>126</b> | <b>151</b> | <b>102</b> | <b>127</b> | <b>139</b> | <b>143</b> | <b>127</b> | <b>142</b> | <b>157</b> | <b>151</b> | <b>167</b> | <b>135</b> | <b>162</b> | <b>174</b> | <b>184</b> | <b>192</b> | <b>231</b> | <b>219</b> | <b>303</b> | <b>322</b> | <b>273</b> | <b>4167</b> |
| TAS   | KIDNEYS             | 4          | 3          | 4          | 6          | 11         | 12         | 8          | 2          | 8          | 0          | 9          | 2          | 6          | 12         | 3          | 3          | 4          | 14         | 2          | 13         | 10         | 17         | 11         | 25         | 189         |
|       | LIVER               | 1          | 0          | 0          | 1          | 5          | 3          | 3          | 1          | 3          | 0          | 5          | 0          | 2          | 4          | 2          | 1          | 2          | 6          | 0          | 4          | 3          | 5          | 3          | 10         | 64          |
|       | SPLIT LIVER (L)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 2          | 1          | 0          | 0          | 5           |
|       | SPLIT LIVER (R)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 0          | 0          | 4           |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | HEART               | 0          | 0          | 1          | 2          | 3          | 4          | 4          | 1          | 3          | 0          | 2          | 0          | 1          | 3          | 2          | 0          | 1          | 3          | 0          | 3          | 3          | 2          | 1          | 4          | 43          |
|       | HEART- LUNGS        | 0          | 0          | 1          | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 5           |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | LUNGS               | 0          | 0          | 0          | 0          | 1          | 2          | 1          | 0          | 2          | 0          | 2          | 0          | 1          | 3          | 1          | 2          | 1          | 3          | 0          | 1          | 3          | 2          | 2          | 10         | 37          |
|       | LUNG (L)            | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          | 0          | 1          | 1          | 7           |
|       | LUNG (R)            | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 5           |
|       | PANCREAS            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 1          | 2          | 1          | 1          | 2          | 2          | 0          | 3          | 4          | 2          | 2          | 3          | 25          |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 3           |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 2           |
|       | <b>TOTAL</b>        | <b>5</b>   | <b>3</b>   | <b>6</b>   | <b>9</b>   | <b>21</b>  | <b>22</b>  | <b>18</b>  | <b>6</b>   | <b>16</b>  | <b>0</b>   | <b>22</b>  | <b>2</b>   | <b>12</b>  | <b>26</b>  | <b>9</b>   | <b>7</b>   | <b>10</b>  | <b>30</b>  | <b>2</b>   | <b>27</b>  | <b>28</b>  | <b>32</b>  | <b>21</b>  | <b>55</b>  | <b>389</b>  |
| SA    | KIDNEYS             | 38         | 49         | 30         | 35         | 39         | 40         | 46         | 47         | 44         | 57         | 52         | 47         | 39         | 55         | 38         | 75         | 39         | 61         | 45         | 68         | 56         | 53         | 55         | 53         | 1161        |
|       | LIVER               | 4          | 6          | 6          | 9          | 13         | 12         | 15         | 15         | 15         | 20         | 26         | 21         | 16         | 22         | 13         | 26         | 17         | 25         | 17         | 30         | 27         | 16         | 22         | 19         | 412         |
|       | SPLIT LIVER (L)     | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 1          | 1          | 1          | 1          | 2          | 0          | 2          | 12          |
|       | SPLIT LIVER (R)     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 1          | 1          | 1          | 0          | 2          | 8           |
|       | HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | HEART               | 7          | 10         | 6          | 9          | 11         | 10         | 11         | 14         | 10         | 9          | 12         | 5          | 5          | 11         | 6          | 10         | 11         | 9          | 5          | 8          | 9          | 4          | 6          | 8          | 206         |
|       | HEART- LUNGS        | 0          | 1          | 1          | 2          | 0          | 2          | 1          | 1          | 0          | 1          | 1          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 1          | 1          | 0          | 1          | 1          | 0          | 17          |
|       | HEART- (L) LUNG     | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | LUNGS               | 0          | 0          | 0          | 0          | 6          | 7          | 6          | 7          | 4          | 7          | 8          | 7          | 5          | 8          | 6          | 12         | 8          | 13         | 5          | 11         | 11         | 10         | 14         | 14         | 169         |
|       | LUNG (L)            | 0          | 1          | 0          | 1          | 0          | 0          | 2          | 3          | 3          | 1          | 2          | 1          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 19          |
|       | LUNG (R)            | 0          | 0          | 0          | 1          | 1          | 0          | 2          | 5          | 3          | 1          | 1          | 2          | 1          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          | 0          | 1          | 21          |
|       | PANCREAS            | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          | 2          | 3          | 2          | 4          | 0          | 5          | 3          | 5          | 0          | 5          | 5          | 3          | 4          | 5          | 49          |
|       | PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 1          | 2          | 4          | 2          | 1          | 1          | 12          |
|       | INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>49</b>  | <b>68</b>  | <b>43</b>  | <b>57</b>  | <b>70</b>  | <b>71</b>  | <b>85</b>  | <b>92</b>  | <b>79</b>  | <b>98</b>  | <b>104</b> | <b>89</b>  | <b>70</b>  | <b>104</b> | <b>64</b>  | <b>129</b> | <b>80</b>  | <b>114</b> | <b>76</b>  | <b>127</b> | <b>114</b> | <b>94</b>  | <b>104</b> | <b>105</b> | <b>2086</b> |

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**Table 22.0 Cont.**

**ORGANS DONATED FROM EACH AUS DONOR STATE TX IN AUSTRALIA AND NEW ZEALAND  
1989-2012**

| STATE | ORGANS TRANSPLANTED | 89        | 90        | 91        | 92        | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05         | 06        | 07        | 08        | 09        | 10        | 11         | 12         | TOTAL       |
|-------|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|-------------|
| NT    | KIDNEYS             | 4         | 2         | 4         | 0         | 6         | 0         | 1         | 6         | 6         | 6         | 6         | 4         | 4         | 4         | 2         | 2         | 7          | 4         | 6         | 6         | 4         | 4         | 6          | 16         | 110         |
|       | LIVER               | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 4         | 3         | 3         | 1         | 0         | 1         | 0         | 1         | 3          | 0         | 2         | 1         | 2         | 2         | 2          | 6          | 34          |
|       | SPLIT LIVER (L)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | SPLIT LIVER (R)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | HEPATOCYTES         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | HEART               | 0         | 0         | 1         | 0         | 2         | 0         | 0         | 1         | 2         | 2         | 1         | 0         | 1         | 0         | 0         | 0         | 1          | 1         | 1         | 1         | 0         | 0         | 1          | 2          | 17          |
|       | HEART- LUNGS        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 1           |
|       | HEART- (L) LUNG     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | LUNGS               | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 2         | 2         | 1         | 0         | 1         | 0         | 0         | 0         | 1          | 1         | 0         | 1         | 1         | 1         | 3          | 5          | 21          |
|       | LUNG (L)            | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 3           |
|       | LUNG (R)            | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 2           |
|       | PANCREAS            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | PANCREATIC ISLETS   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 1         | 0         | 0         | 0          | 0          | 1           |
|       | INTESTINES          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>5</b>  | <b>2</b>  | <b>6</b>  | <b>0</b>  | <b>11</b> | <b>0</b>  | <b>2</b>  | <b>9</b>  | <b>14</b> | <b>15</b> | <b>12</b> | <b>5</b>  | <b>6</b>  | <b>5</b>  | <b>2</b>  | <b>3</b>  | <b>12</b>  | <b>6</b>  | <b>9</b>  | <b>10</b> | <b>7</b>  | <b>7</b>  | <b>12</b>  | <b>29</b>  | <b>189</b>  |
| WA    | KIDNEYS             | 34        | 22        | 42        | 24        | 38        | 32        | 28        | 21        | 15        | 25        | 25        | 37        | 24        | 27        | 33        | 39        | 56         | 38        | 33        | 45        | 37        | 42        | 59         | 58         | 834         |
|       | LIVER               | 0         | 0         | 9         | 8         | 6         | 10        | 8         | 10        | 8         | 11        | 9         | 12        | 9         | 11        | 15        | 16        | 24         | 17        | 15        | 25        | 15        | 17        | 20         | 20         | 295         |
|       | SPLIT LIVER (L)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 1          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 4           |
|       | SPLIT LIVER (R)     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 2           |
|       | HEPATOCYTES         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | HEART               | 0         | 0         | 3         | 5         | 3         | 3         | 7         | 4         | 5         | 9         | 8         | 7         | 7         | 7         | 11        | 8         | 11         | 9         | 6         | 12        | 5         | 6         | 7          | 10         | 153         |
|       | HEART- LUNGS        | 0         | 1         | 3         | 3         | 3         | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          | 0         | 1         | 1         | 0         | 2         | 0          | 0          | 19          |
|       | HEART- (L) LUNG     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | LUNGS               | 0         | 0         | 0         | 0         | 1         | 3         | 2         | 5         | 3         | 3         | 2         | 4         | 5         | 8         | 5         | 5         | 4          | 6         | 7         | 7         | 4         | 4         | 13         | 10         | 101         |
|       | LUNG (L)            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1         | 1         | 1         | 1         | 2         | 2          | 2         | 0         | 3         | 2         | 0         | 1          | 1          | 20          |
|       | LUNG (R)            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1         | 1         | 0         | 2         | 2         | 3          | 1         | 0         | 2         | 0         | 0         | 1          | 1          | 17          |
|       | PANCREAS            | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          | 2         | 3         | 3         | 5         | 1         | 3          | 3          | 22          |
|       | PANCREATIC ISLETS   | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 1         | 0         | 0         | 0          | 0          | 1           |
|       | INTESTINES          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0           |
|       | <b>TOTAL</b>        | <b>34</b> | <b>23</b> | <b>57</b> | <b>40</b> | <b>51</b> | <b>49</b> | <b>46</b> | <b>41</b> | <b>35</b> | <b>52</b> | <b>46</b> | <b>62</b> | <b>47</b> | <b>54</b> | <b>67</b> | <b>73</b> | <b>105</b> | <b>75</b> | <b>65</b> | <b>99</b> | <b>68</b> | <b>72</b> | <b>104</b> | <b>103</b> | <b>1468</b> |



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**Table 23.0**

## ORGANS DONATED FROM AUSTRALIA TRANSPLANTED IN AUSTRALIA OR NEWZEALAND

**1989-2012**

| ORGANS TRANSPLANTED | 89         | 90         | 91         | 92         | 93         | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06         | 07         | 08         | 09         | 10         | 11          | 12          | TOTAL        |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|--------------|
| KIDNEYS             | 443        | 383        | 395        | 401        | 393        | 335        | 346        | 361        | 354        | 353        | 284        | 350        | 330        | 372        | 325        | 405        | 373        | 370        | 342        | 459        | 446        | 548        | 570         | 607         | 9545         |
| LIVER               | 94         | 72         | 100        | 114        | 106        | 109        | 108        | 100        | 116        | 125        | 108        | 137        | 121        | 137        | 119        | 148        | 138        | 142        | 118        | 160        | 155        | 173        | 183         | 189         | 3072         |
| SPLIT LIVER (L)     | 2          | 0          | 2          | 0          | 5          | 6          | 10         | 10         | 9          | 7          | 8          | 5          | 6          | 11         | 9          | 15         | 15         | 11         | 15         | 18         | 16         | 16         | 16          | 22          | 234          |
| SPLIT LIVER (R)     | 2          | 0          | 2          | 0          | 1          | 2          | 6          | 9          | 5          | 6          | 7          | 5          | 1          | 9          | 8          | 13         | 11         | 8          | 14         | 17         | 14         | 15         | 14          | 19          | 188          |
| HEPATOCYTES         | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0           | 1            |
| HEART               | 84         | 90         | 89         | 101        | 102        | 90         | 93         | 87         | 90         | 69         | 65         | 57         | 67         | 72         | 63         | 72         | 72         | 70         | 56         | 80         | 59         | 65         | 64          | 72          | 1829         |
| HEART- LUNGS        | 14         | 12         | 19         | 17         | 13         | 13         | 15         | 7          | 3          | 4          | 2          | 2          | 2          | 8          | 5          | 6          | 6          | 6          | 6          | 5          | 2          | 3          | 2           | 4           | 176          |
| HEART- (L) LUNG     | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0           | 0           | 1            |
| LUNGS               | 0          | 1          | 2          | 6          | 34         | 43         | 36         | 37         | 44         | 45         | 42         | 65         | 45         | 62         | 54         | 81         | 69         | 77         | 65         | 98         | 101        | 110        | 145         | 140         | 1402         |
| LUNG (L)            | 0          | 2          | 10         | 12         | 13         | 11         | 12         | 12         | 20         | 17         | 12         | 10         | 10         | 12         | 6          | 6          | 4          | 8          | 4          | 8          | 6          | 4          | 7           | 2           | 208          |
| LUNG (R)            | 0          | 2          | 6          | 12         | 11         | 10         | 14         | 16         | 18         | 17         | 11         | 11         | 16         | 13         | 5          | 5          | 5          | 7          | 4          | 4          | 5          | 6          | 5           | 2           | 205          |
| PANCREAS            | 7          | 9          | 8          | 10         | 11         | 15         | 13         | 12         | 16         | 18         | 17         | 26         | 21         | 25         | 25         | 28         | 33         | 34         | 28         | 32         | 37         | 34         | 26          | 38          | 523          |
| PANCREATIC ISLETS   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 6          | 3          | 1          | 7          | 5          | 11         | 9          | 12         | 9           | 4           | 68           |
| INTESTINES          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 0           | 1           | 2            |
| <b>TOTAL</b>        | <b>646</b> | <b>571</b> | <b>633</b> | <b>674</b> | <b>689</b> | <b>634</b> | <b>653</b> | <b>651</b> | <b>675</b> | <b>661</b> | <b>556</b> | <b>668</b> | <b>619</b> | <b>722</b> | <b>625</b> | <b>783</b> | <b>727</b> | <b>740</b> | <b>657</b> | <b>892</b> | <b>850</b> | <b>987</b> | <b>1041</b> | <b>1100</b> | <b>17454</b> |

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**Table 24.0**

**TRANSPLANTED SOLID ORGANS 1 JAN 1989 - 31 DEC 2012  
DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD         | NSW         | VIC         | SA          | WA         | AUS         | NZ          |
|---------------------|--------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|
| KIDNEYS             | QLD          | 1574        | 209         | 100         | 43          | 20         | 1946        | 0           |
|                     | NSW          | 156         | 2236        | 238         | 105         | 47         | 2782        | 0           |
|                     | ACT          | 11          | 193         | 14          | 9           | 7          | 234         | 0           |
|                     | VIC          | 87          | 211         | 1886        | 73          | 31         | 2288        | 0           |
|                     | TAS          | 7           | 22          | 151         | 7           | 2          | 189         | 0           |
|                     | SA           | 41          | 138         | 67          | 897         | 17         | 1160        | 1           |
|                     | NT           | 3           | 12          | 3           | 91          | 1          | 110         | 0           |
|                     | WA           | 18          | 94          | 25          | 21          | 677        | 835         | 1448        |
|                     | NZ           | 2           | 13          | 6           | 1           | 1          | 23          | 1448        |
|                     | <b>TOTAL</b> | <b>1898</b> | <b>3129</b> | <b>2490</b> | <b>1247</b> | <b>803</b> | <b>9567</b> | <b>1449</b> |
| LIVER               | QLD          | 463         | 68          | 50          | 9           | 13         | 603         | 17          |
|                     | NSW          | 108         | 651         | 58          | 15          | 15         | 847         | 23          |
|                     | ACT          | 7           | 65          | 5           | 1           | 0          | 78          | 1           |
|                     | VIC          | 66          | 81          | 484         | 20          | 19         | 670         | 28          |
|                     | TAS          | 10          | 7           | 44          | 0           | 1          | 62          | 2           |
|                     | SA           | 61          | 70          | 40          | 187         | 36         | 394         | 18          |
|                     | NT           | 10          | 4           | 9           | 9           | 2          | 34          | 0           |
|                     | WA           | 22          | 41          | 22          | 8           | 199        | 292         | 3           |
|                     | NZ           | 94          | 67          | 47          | 0           | 2          | 210         | 342         |
|                     | <b>TOTAL</b> | <b>841</b>  | <b>1054</b> | <b>759</b>  | <b>249</b>  | <b>287</b> | <b>3190</b> | <b>434</b>  |
| SPLIT LIVER (L)     | QLD          | 82          | 6           | 8           | 0           | 0          | 96          | 4           |
|                     | NSW          | 7           | 67          | 5           | 0           | 0          | 79          | 1           |
|                     | ACT          | 1           | 9           | 1           | 0           | 0          | 11          | 0           |
|                     | VIC          | 1           | 3           | 17          | 0           | 0          | 21          | 1           |
|                     | TAS          | 0           | 0           | 4           | 0           | 0          | 4           | 1           |
|                     | SA           | 6           | 4           | 2           | 0           | 0          | 12          | 0           |
|                     | NT           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | WA           | 0           | 1           | 1           | 0           | 2          | 4           | 0           |
|                     | NZ           | 5           | 6           | 4           | 0           | 0          | 15          | 18          |
|                     | <b>TOTAL</b> | <b>102</b>  | <b>96</b>   | <b>42</b>   | <b>0</b>    | <b>2</b>   | <b>242</b>  | <b>25</b>   |
| SPLIT LIVER (R)     | QLD          | 67          | 1           | 1           | 3           | 1          | 73          | 2           |
|                     | NSW          | 3           | 66          | 1           | 0           | 0          | 70          | 0           |
|                     | ACT          | 1           | 8           | 0           | 0           | 0          | 9           | 0           |
|                     | VIC          | 1           | 6           | 9           | 1           | 2          | 19          | 1           |
|                     | TAS          | 1           | 1           | 2           | 0           | 0          | 4           | 0           |
|                     | SA           | 1           | 1           | 0           | 6           | 0          | 8           | 0           |
|                     | NT           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | WA           | 0           | 0           | 0           | 0           | 2          | 2           | 0           |
|                     | NZ           | 3           | 4           | 2           | 0           | 0          | 9           | 11          |
|                     | <b>TOTAL</b> | <b>77</b>   | <b>87</b>   | <b>15</b>   | <b>10</b>   | <b>5</b>   | <b>194</b>  | <b>14</b>   |

**Table 24.0 Cont.**

**TRANSPLANTED SOLID ORGANS 1 JAN 1989 - 31 DEC 2012  
DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | VIC        | SA       | WA         | AUS         | NZ         |
|---------------------|--------------|------------|------------|------------|----------|------------|-------------|------------|
| HEPATOCYTES         | QLD          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NSW          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | ACT          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | VIC          | 0          | 0          | 1          | 0        | 0          | 1           | 0          |
|                     | TAS          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | SA           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NT           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | WA           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NZ           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b> | <b>0</b>   | <b>1</b>    | <b>0</b>   |
| HEART               | QLD          | 253        | 87         | 80         | 0        | 0          | 420         | 0          |
|                     | NSW          | 22         | 438        | 46         | 0        | 0          | 506         | 1          |
|                     | ACT          | 3          | 39         | 7          | 0        | 0          | 49          | 0          |
|                     | VIC          | 12         | 31         | 391        | 0        | 0          | 434         | 0          |
|                     | TAS          | 3          | 0          | 40         | 0        | 0          | 43          | 0          |
|                     | SA           | 30         | 59         | 91         | 0        | 26         | 206         | 0          |
|                     | NT           | 2          | 2          | 9          | 0        | 4          | 17          | 0          |
|                     | WA           | 3          | 16         | 22         | 0        | 112        | 153         | 0          |
|                     | NZ           | 5          | 11         | 12         | 0        | 0          | 28          | 246        |
|                     | <b>TOTAL</b> | <b>333</b> | <b>683</b> | <b>698</b> | <b>0</b> | <b>142</b> | <b>1856</b> | <b>247</b> |
| HEART-LUNGS         | QLD          | 15         | 3          | 7          | 0        | 0          | 25          | 0          |
|                     | NSW          | 0          | 60         | 11         | 0        | 0          | 71          | 0          |
|                     | ACT          | 0          | 5          | 0          | 0        | 0          | 5           | 0          |
|                     | VIC          | 1          | 3          | 29         | 0        | 0          | 33          | 0          |
|                     | TAS          | 0          | 0          | 5          | 0        | 0          | 5           | 0          |
|                     | SA           | 4          | 6          | 7          | 0        | 0          | 17          | 0          |
|                     | NT           | 0          | 0          | 1          | 0        | 0          | 1           | 0          |
|                     | WA           | 1          | 2          | 11         | 0        | 5          | 19          | 0          |
|                     | NZ           | 0          | 0          | 1          | 0        | 0          | 1           | 0          |
|                     | <b>TOTAL</b> | <b>21</b>  | <b>79</b>  | <b>72</b>  | <b>0</b> | <b>5</b>   | <b>177</b>  | <b>0</b>   |
| HEART-(L) LUNG      | QLD          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NSW          | 0          | 1          | 0          | 0        | 0          | 1           | 0          |
|                     | ACT          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | VIC          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | TAS          | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | SA           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NT           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | WA           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | NZ           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b> | <b>0</b>   | <b>1</b>    | <b>0</b>   |



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**Table 24.0 Cont.**

**TRANSPLANTED SOLID ORGANS 1 JAN 1989 - 31 DEC 2012**  
**DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | VIC        | SA       | WA        | AUS         | NZ         |
|---------------------|--------------|------------|------------|------------|----------|-----------|-------------|------------|
| LUNGS               | QLD          | 127        | 63         | 56         | 0        | 0         | 246         | 0          |
|                     | NSW          | 15         | 340        | 41         | 0        | 0         | 396         | 0          |
|                     | ACT          | 1          | 35         | 7          | 0        | 0         | 43          | 0          |
|                     | VIC          | 6          | 16         | 366        | 0        | 1         | 389         | 0          |
|                     | TAS          | 0          | 1          | 36         | 0        | 0         | 37          | 0          |
|                     | SA           | 27         | 65         | 69         | 0        | 8         | 169         | 0          |
|                     | NT           | 4          | 5          | 11         | 0        | 1         | 21          | 0          |
|                     | WA           | 8          | 22         | 28         | 0        | 43        | 101         | 0          |
|                     | NZ           | 12         | 19         | 14         | 0        | 0         | 45          | 139        |
|                     | <b>TOTAL</b> | <b>200</b> | <b>566</b> | <b>628</b> | <b>0</b> | <b>53</b> | <b>1447</b> | <b>139</b> |
| LUNG (L)            | QLD          | 7          | 11         | 15         | 0        | 0         | 33          | 0          |
|                     | NSW          | 0          | 48         | 11         | 0        | 0         | 59          | 0          |
|                     | ACT          | 0          | 1          | 1          | 0        | 0         | 2           | 0          |
|                     | VIC          | 0          | 4          | 61         | 0        | 0         | 65          | 0          |
|                     | TAS          | 0          | 0          | 7          | 0        | 0         | 7           | 0          |
|                     | SA           | 0          | 7          | 12         | 0        | 0         | 19          | 0          |
|                     | NT           | 0          | 2          | 1          | 0        | 0         | 3           | 0          |
|                     | WA           | 0          | 2          | 8          | 0        | 10        | 20          | 0          |
|                     | NZ           | 1          | 3          | 6          | 0        | 0         | 10          | 11         |
|                     | <b>TOTAL</b> | <b>8</b>   | <b>78</b>  | <b>122</b> | <b>0</b> | <b>10</b> | <b>218</b>  | <b>11</b>  |
| LUNG (R)            | QLD          | 9          | 12         | 24         | 0        | 0         | 45          | 0          |
|                     | NSW          | 1          | 42         | 13         | 0        | 0         | 56          | 0          |
|                     | ACT          | 0          | 3          | 1          | 0        | 0         | 4           | 0          |
|                     | VIC          | 0          | 0          | 55         | 0        | 0         | 55          | 0          |
|                     | TAS          | 0          | 1          | 4          | 0        | 0         | 5           | 0          |
|                     | SA           | 2          | 4          | 15         | 0        | 0         | 21          | 0          |
|                     | NT           | 0          | 0          | 2          | 0        | 0         | 2           | 0          |
|                     | WA           | 1          | 1          | 7          | 0        | 8         | 17          | 0          |
|                     | NZ           | 0          | 2          | 8          | 0        | 0         | 10          | 14         |
|                     | <b>TOTAL</b> | <b>13</b>  | <b>65</b>  | <b>129</b> | <b>0</b> | <b>8</b>  | <b>215</b>  | <b>14</b>  |
| PANCREAS            | QLD          | 0          | 43         | 0          | 0        | 0         | 43          | 0          |
|                     | NSW          | 0          | 212        | 8          | 0        | 0         | 220         | 0          |
|                     | ACT          | 0          | 20         | 0          | 0        | 0         | 20          | 0          |
|                     | VIC          | 0          | 21         | 123        | 0        | 0         | 144         | 0          |
|                     | TAS          | 0          | 4          | 21         | 0        | 0         | 25          | 0          |
|                     | SA           | 0          | 47         | 1          | 1        | 0         | 49          | 0          |
|                     | NT           | 0          | 0          | 0          | 0        | 0         | 0           | 0          |
|                     | WA           | 0          | 22         | 0          | 0        | 0         | 22          | 0          |
|                     | NZ           | 0          | 0          | 0          | 0        | 0         | 0           | 43         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>369</b> | <b>153</b> | <b>1</b> | <b>0</b>  | <b>523</b>  | <b>43</b>  |

**Table 24.1**

**TRANSPLANTED SOLID ORGANS 1 JAN 2012 - 31 DEC 2012  
DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | ACT        | VIC       | SA        | WA         | NZ        |
|---------------------|--------------|------------|------------|------------|-----------|-----------|------------|-----------|
| PANCREATIC ISLETS   | QLD          | 0          | 4          | 0          | 0         | 0         | 4          | 0         |
|                     | NSW          | 0          | 27         | 0          | 0         | 0         | 27         | 0         |
|                     | ACT          | 0          | 2          | 0          | 0         | 0         | 2          | 0         |
|                     | VIC          | 0          | 7          | 9          | 2         | 0         | 18         | 0         |
|                     | TAS          | 0          | 0          | 1          | 2         | 0         | 3          | 0         |
|                     | SA           | 0          | 4          | 5          | 3         | 0         | 12         | 0         |
|                     | NT           | 0          | 0          | 1          | 0         | 0         | 1          | 0         |
|                     | WA           | 0          | 1          | 0          | 0         | 0         | 1          | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>45</b>  | <b>16</b>  | <b>7</b>  | <b>0</b>  | <b>68</b>  | <b>0</b>  |
| INTESTINES          | QLD          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NSW          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | ACT          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | VIC          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | TAS          | 0          | 0          | 2          | 0         | 0         | 2          | 0         |
|                     | SA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NT           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | WA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>  | <b>0</b>  | <b>2</b>   | <b>0</b>  |
| KIDNEYS             | QLD          | 116        | 13         | 3          | 2         | 0         | 134        | 0         |
|                     | NSW          | 5          | 124        | 7          | 4         | 6         | 146        | 0         |
|                     | ACT          | 0          | 18         | 0          | 0         | 0         | 18         | 0         |
|                     | VIC          | 3          | 5          | 144        | 1         | 3         | 156        | 0         |
|                     | TAS          | 0          | 1          | 24         | 0         | 0         | 25         | 0         |
|                     | SA           | 3          | 5          | 0          | 44        | 1         | 53         | 0         |
|                     | NT           | 0          | 1          | 0          | 14        | 1         | 16         | 0         |
|                     | WA           | 2          | 6          | 4          | 0         | 47        | 59         | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 56        |
|                     | <b>TOTAL</b> | <b>129</b> | <b>173</b> | <b>181</b> | <b>65</b> | <b>58</b> | <b>607</b> | <b>56</b> |
| LIVER               | QLD          | 33         | 3          | 0          | 0         | 0         | 36         | 1         |
|                     | NSW          | 1          | 33         | 3          | 0         | 1         | 38         | 3         |
|                     | ACT          | 0          | 6          | 0          | 0         | 0         | 6          | 0         |
|                     | VIC          | 2          | 4          | 40         | 0         | 1         | 47         | 3         |
|                     | TAS          | 0          | 0          | 10         | 0         | 0         | 10         | 0         |
|                     | SA           | 0          | 1          | 0          | 17        | 1         | 19         | 0         |
|                     | NT           | 1          | 0          | 0          | 3         | 2         | 6          | 0         |
|                     | WA           | 0          | 3          | 1          | 0         | 16        | 20         | 0         |
|                     | NZ           | 0          | 1          | 1          | 0         | 0         | 2          | 22        |
|                     | <b>TOTAL</b> | <b>37</b>  | <b>51</b>  | <b>55</b>  | <b>20</b> | <b>21</b> | <b>184</b> | <b>29</b> |

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**Table 24.1 Cont.**

**TRANSPLANTED SOLID ORGANS 01 JAN 2012 - 31 DEC 2012**  
**DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD       | NSW       | ACT       | VIC      | SA        | WA        | NZ        |
|---------------------|--------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| SPLIT LIVER (L)     | QLD          | 4         | 2         | 1         | 0        | 0         | 7         | 1         |
|                     | NSW          | 0         | 9         | 0         | 0        | 0         | 9         | 0         |
|                     | ACT          | 0         | 1         | 0         | 0        | 0         | 1         | 0         |
|                     | VIC          | 0         | 0         | 2         | 0        | 0         | 2         | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | SA           | 2         | 0         | 0         | 0        | 0         | 2         | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | NZ           | 0         | 0         | 2         | 0        | 0         | 2         | 3         |
|                     | <b>TOTAL</b> | <b>6</b>  | <b>12</b> | <b>5</b>  | <b>0</b> | <b>0</b>  | <b>23</b> | <b>4</b>  |
| SPLIT LIVER (R)     | QLD          | 7         | 0         | 0         | 0        | 0         | 7         | 0         |
|                     | NSW          | 0         | 6         | 1         | 0        | 0         | 7         | 0         |
|                     | ACT          | 0         | 1         | 0         | 0        | 0         | 1         | 0         |
|                     | VIC          | 0         | 1         | 1         | 0        | 0         | 2         | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | SA           | 0         | 1         | 0         | 1        | 0         | 2         | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | <b>TOTAL</b> | <b>7</b>  | <b>10</b> | <b>2</b>  | <b>1</b> | <b>0</b>  | <b>20</b> | <b>2</b>  |
| HEART               | QLD          | 10        | 3         | 4         | 0        | 0         | 17        | 0         |
|                     | NSW          | 0         | 13        | 3         | 0        | 0         | 16        | 0         |
|                     | ACT          | 0         | 2         | 0         | 0        | 0         | 2         | 0         |
|                     | VIC          | 1         | 3         | 9         | 0        | 0         | 13        | 0         |
|                     | TAS          | 1         | 0         | 3         | 0        | 0         | 4         | 0         |
|                     | SA           | 0         | 2         | 3         | 0        | 3         | 8         | 0         |
|                     | NT           | 0         | 1         | 0         | 0        | 1         | 2         | 0         |
|                     | WA           | 0         | 1         | 0         | 0        | 9         | 10        | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0         | 12        |
|                     | <b>TOTAL</b> | <b>12</b> | <b>25</b> | <b>22</b> | <b>0</b> | <b>13</b> | <b>72</b> | <b>12</b> |
| HEART-LUNGS         | QLD          | 1         | 1         | 0         | 0        | 0         | 2         | 0         |
|                     | NSW          | 0         | 2         | 0         | 0        | 0         | 2         | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | SA           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0         | 0         |
|                     | <b>TOTAL</b> | <b>1</b>  | <b>3</b>  | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>4</b>  | <b>0</b>  |

**Table 24.1 Cont.**

**TRANSPLANTED SOLID ORGANS 1JAN 2012 - 31 DEC 2012**  
**DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD       | NSW       | ACT       | VIC      | SA        | WA         | NZ        |
|---------------------|--------------|-----------|-----------|-----------|----------|-----------|------------|-----------|
| <b>LUNGS</b>        | QLD          | 17        | 4         | 4         | 0        | 0         | 25         | 0         |
|                     | NSW          | 2         | 27        | 2         | 0        | 0         | 31         | 0         |
|                     | ACT          | 0         | 3         | 0         | 0        | 0         | 3          | 0         |
|                     | VIC          | 1         | 3         | 38        | 0        | 0         | 42         | 0         |
|                     | TAS          | 0         | 0         | 10        | 0        | 0         | 10         | 0         |
|                     | SA           | 4         | 6         | 2         | 0        | 2         | 14         | 0         |
|                     | NT           | 1         | 2         | 1         | 0        | 1         | 5          | 0         |
|                     | WA           | 0         | 1         | 0         | 0        | 9         | 10         | 0         |
|                     | NZ           | 0         | 1         | 0         | 0        | 0         | 1          | 13        |
|                     | <b>TOTAL</b> | <b>25</b> | <b>47</b> | <b>57</b> | <b>0</b> | <b>12</b> | <b>141</b> | <b>13</b> |
| <b>LUNG (L)</b>     | QLD          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NSW          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | TAS          | 0         | 0         | 1         | 0        | 0         | 1          | 0         |
|                     | SA           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 1         | 1          | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b> | <b>1</b>  | <b>2</b>   | <b>0</b>  |
| <b>LUNG (R)</b>     | QLD          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NSW          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | SA           | 0         | 0         | 1         | 0        | 0         | 1          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 1         | 1          | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b> | <b>1</b>  | <b>2</b>   | <b>0</b>  |
| <b>PANCREAS</b>     | QLD          | 0         | 4         | 0         | 0        | 0         | 4          | 0         |
|                     | NSW          | 0         | 12        | 2         | 0        | 0         | 14         | 0         |
|                     | ACT          | 0         | 1         | 0         | 0        | 0         | 1          | 0         |
|                     | VIC          | 0         | 2         | 6         | 0        | 0         | 8          | 0         |
|                     | TAS          | 0         | 1         | 2         | 0        | 0         | 3          | 0         |
|                     | SA           | 0         | 5         | 0         | 0        | 0         | 5          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 1         | 1          | 0         |
|                     | NZ           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>28</b> | <b>10</b> | <b>0</b> | <b>0</b>  | <b>38</b>  | <b>3</b>  |

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**Table 24.1 Cont.**

**TRANSPLANTED SOLID ORGANS 1 JAN 2012 - 31 DEC 2012**  
**DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD      | NSW      | ACT      | VIC      | SA       | WA       | NZ       |
|---------------------|--------------|----------|----------|----------|----------|----------|----------|----------|
| PANCREATIC ISLETS   | QLD          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | NSW          | 0        | 2        | 0        | 0        | 0        | 2        | 0        |
|                     | ACT          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | VIC          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | TAS          | 0        | 0        | 1        | 0        | 0        | 1        | 0        |
|                     | SA           | 0        | 0        | 0        | 1        | 0        | 1        | 0        |
|                     | NT           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | WA           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | NZ           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | <b>TOTAL</b> | <b>0</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>0</b> | <b>4</b> | <b>0</b> |
| INTESTINES          | QLD          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | NSW          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | ACT          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | VIC          | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | TAS          | 0        | 0        | 1        | 0        | 0        | 1        | 0        |
|                     | SA           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | NT           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | WA           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | NZ           | 0        | 0        | 0        | 0        | 0        | 0        | 0        |
|                     | <b>TOTAL</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> |



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**Table 1.0**

| <b>NUMBER OF DONORS FROM EACH HOSPITAL</b><br><b>NEW ZEALAND 1 JAN 1993 - 31 DEC 2012</b> |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |            |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| DONOR HOSPITAL  | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TO-TAL     |
| AUCKLAND HOSPITAL   | 7         | 5         | 9         | 8         | 13        | 14        | 12        | 9         | 7         | 12        | 8         | 5         | 6         | 4         | 9         | 8         | 12        | 8         | 7         | 6         | 169        |
| BLENHEIM HOSPITAL   | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 4          |
| CHRISTCHURCH HOSPITAL   | 5         | 6         | 1         | 4         | 6         | 6         | 4         | 4         | 4         | 1         | 5         | 4         | 3         | 3         | 9         | 4         | 4         | 3         | 5         | 7         | 88         |
| DUNEDIN HOSPITAL  | 4         | 2         | 5         | 4         | 1         | 2         | 4         | 5         | 4         | 0         | 5         | 6         | 3         | 2         | 2         | 3         | 7         | 4         | 4         | 3         | 70         |
| GISBORNE HOSPITAL   | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 4          |
| GREENLANE HOSPITAL  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          |
| GREYMOUTH HOSPITAL  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 2          |
| HASTINGS HOSPITAL   | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
| HAWKES BAY HOSPITAL   | 0         | 0         | 0         | 0         | 0         | 2         | 4         | 3         | 3         | 1         | 3         | 2         | 2         | 2         | 3         | 1         | 3         | 1         | 2         | 3         | 35         |
| INVERCARGILL HOSPITAL   | 0         | 2         | 0         | 1         | 1         | 0         | 1         | 0         | 1         | 1         | 4         | 1         | 1         | 0         | 2         | 0         | 0         | 2         | 0         | 1         | 18         |
| LOWER HUTT HOSPITAL   | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 7          |
| MIDDLEMORE HOSPITAL   | 3         | 0         | 2         | 2         | 5         | 4         | 0         | 1         | 0         | 3         | 1         | 2         | 1         | 3         | 1         | 1         | 1         | 2         | 3         | 4         | 39         |
| NELSON HOSPITAL   | 1         | 2         | 2         | 0         | 2         | 3         | 1         | 1         | 3         | 1         | 0         | 1         | 0         | 0         | 6         | 1         | 1         | 1         | 1         | 1         | 28         |
| NORTHSHORE HOSPITAL   | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 4         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 1         | 10         |
| PALMERSTON HOSPITAL   | 2         | 2         | 5         | 5         | 1         | 2         | 1         | 2         | 2         | 2         | 1         | 0         | 2         | 1         | 0         | 1         | 0         | 0         | 1         | 2         | 32         |
| ROTORUA HOSPITAL  | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 0         | 2         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 1         | 2         | 0         | 15         |
| STARSHIP CHILDRENS HOSPITAL   | 0         | 0         | 0         | 0         | 1         | 1         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 0         | 8          |
| TARANAKI HOSPITAL   | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 3         | 1         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 8          |
| TAURANGA HOSPITAL   | 3         | 0         | 1         | 1         | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 1         | 3         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 14         |
| TIMARU HOSPITAL   | 0         | 0         | 0         | 0         | 3         | 1         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 1         | 1         | 1         | 0         | 1         | 2         | 13         |
| WAIKATO HOSPITAL HAMILTON   | 2         | 7         | 4         | 5         | 1         | 2         | 2         | 2         | 2         | 6         | 6         | 3         | 1         | 1         | 1         | 5         | 2         | 11        | 5         | 0         | 68         |
| WANGANUI HOSPITAL   | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 4          |
| WELLINGTON HOSPITAL   | 3         | 7         | 4         | 4         | 4         | 3         | 7         | 8         | 7         | 5         | 2         | 9         | 5         | 3         | 2         | 3         | 4         | 5         | 4         | 6         | 95         |
| WHAKATANE HOSPITAL  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          |
| WHANGAREI HOSPITAL  | 0         | 1         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 1         | 2         | 1         | 11         |
| <b>TOTAL</b>  | <b>34</b> | <b>35</b> | <b>35</b> | <b>36</b> | <b>42</b> | <b>46</b> | <b>39</b> | <b>41</b> | <b>37</b> | <b>38</b> | <b>40</b> | <b>40</b> | <b>29</b> | <b>25</b> | <b>38</b> | <b>31</b> | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> | <b>746</b> |





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**Table 1.1**

**DONOR NUMBERS FOR EACH STATE**

**1 JAN 1993 - 31 DEC 2012**

| YEAR         | QLD        | NSW         | ACT        | VIC         | TAS       | SA         | NT        | WA         | AUST        |
|--------------|------------|-------------|------------|-------------|-----------|------------|-----------|------------|-------------|
| 1993         | 44         | 68          | 6          | 52          | 6         | 23         | 3         | 19         | <b>221</b>  |
| 1994         | 38         | 71          | 2          | 26          | 6         | 23         | 1         | 16         | <b>183</b>  |
| 1995         | 34         | 60          | 7          | 38          | 4         | 23         | 1         | 17         | <b>184</b>  |
| 1996         | 35         | 63          | 6          | 49          | 1         | 25         | 3         | 12         | <b>194</b>  |
| 1997         | 37         | 65          | 4          | 42          | 5         | 25         | 4         | 8          | <b>190</b>  |
| 1998         | 40         | 63          | 2          | 40          | 0         | 35         | 3         | 13         | <b>196</b>  |
| 1999         | 20         | 48          | 2          | 42          | 6         | 30         | 3         | 13         | <b>164</b>  |
| 2000         | 37         | 55          | 5          | 44          | 1         | 30         | 2         | 22         | <b>196</b>  |
| 2001         | 48         | 47          | 7          | 40          | 3         | 25         | 2         | 13         | <b>185</b>  |
| 2002         | 44         | 55          | 6          | 47          | 6         | 31         | 2         | 15         | <b>206</b>  |
| 2003         | 40         | 46          | 8          | 42          | 2         | 22         | 1         | 18         | <b>179</b>  |
| 2004         | 39         | 63          | 6          | 45          | 2         | 39         | 1         | 23         | <b>218</b>  |
| 2005         | 35         | 54          | 9          | 50          | 2         | 20         | 4         | 30         | <b>204</b>  |
| 2006         | 36         | 50          | 4          | 45          | 8         | 36         | 2         | 21         | <b>202</b>  |
| 2007         | 39         | 53          | 1          | 55          | 1         | 27         | 3         | 19         | <b>198</b>  |
| 2008         | 48         | 57          | 5          | 67          | 8         | 43         | 3         | 28         | <b>259</b>  |
| 2009         | 47         | 69          | 8          | 64          | 5         | 33         | 2         | 19         | <b>247</b>  |
| 2010         | 49         | 88          | 10         | 97          | 10        | 31         | 2         | 22         | <b>309</b>  |
| 2011         | 67         | 77          | 8          | 107         | 6         | 35         | 4         | 33         | <b>337</b>  |
| 2012         | 78         | 89          | 12         | 91          | 15        | 29         | 8         | 32         | <b>354</b>  |
| <b>TOTAL</b> | <b>855</b> | <b>1241</b> | <b>118</b> | <b>1083</b> | <b>97</b> | <b>585</b> | <b>54</b> | <b>393</b> | <b>4426</b> |

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**Table 2.0**

| <b>DONOR GENDER NUMBERS AND AGE GROUPS</b> |              |           |           |           |
|--|--------------|-----------|-----------|-----------|
| <b>1 JAN 1998 - 31 DEC 2012</b>            |              |           |           |           |
| YEAR                                       | AGE GROUP    | FEMALE    | MALE      | TOTAL     |
| 1998                                       | 00-04        | 1         | 0         | 1         |
|  | 05-14        | 0         | 4         | 4         |
|  | 15-24        | 0         | 8         | 8         |
|  | 25-34        | 3         | 4         | 7         |
|  | 35-44        | 3         | 5         | 8         |
|  | 45-54        | 3         | 5         | 8         |
|  | 55-64        | 4         | 5         | 9         |
|  | 65-74        | 1         | 0         | 1         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>15</b> | <b>31</b> | <b>46</b> |
| 1999                                       | 00-04        | 1         | 0         | 1         |
|  | 05-14        | 0         | 3         | 3         |
|  | 15-24        | 2         | 1         | 3         |
|  | 25-34        | 0         | 4         | 4         |
|  | 35-44        | 3         | 2         | 5         |
|  | 45-54        | 10        | 4         | 14        |
|  | 55-64        | 4         | 1         | 5         |
|  | 65-74        | 1         | 3         | 4         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>21</b> | <b>18</b> | <b>39</b> |
| 2000                                       | 00-04        | 0         | 0         | 0         |
|  | 05-14        | 1         | 1         | 2         |
|  | 15-24        | 5         | 4         | 9         |
|  | 25-34        | 1         | 3         | 4         |
|  | 35-44        | 3         | 3         | 6         |
|  | 45-54        | 6         | 6         | 12        |
|  | 55-64        | 3         | 4         | 7         |
|  | 65-74        | 0         | 1         | 1         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>19</b> | <b>22</b> | <b>41</b> |
| 2001                                       | 00-04        | 0         | 0         | 0         |
|  | 05-14        | 0         | 0         | 0         |
|  | 15-24        | 3         | 6         | 9         |
|  | 25-34        | 0         | 3         | 3         |
|  | 35-44        | 5         | 2         | 7         |
|  | 45-54        | 5         | 4         | 9         |
|  | 55-64        | 5         | 3         | 8         |
|  | 65-74        | 0         | 1         | 1         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>18</b> | <b>19</b> | <b>37</b> |

**Table 2.0 Cont.**

| <b>DONOR GENDER NUMBERS AND AGE GROUPS</b> |              |           |           |           |
|--|--------------|-----------|-----------|-----------|
| <b>1 JAN 1998 - 31 DEC 2012</b>            |              |           |           |           |
| YEAR                                       | AGE GROUP    | FEMALE    | MALE      | TOTAL     |
| 2002                                       | 00-04        | 0         | 0         | 0         |
|  | 05-14        | 1         | 2         | 3         |
|  | 15-24        | 4         | 1         | 5         |
|  | 25-34        | 2         | 0         | 2         |
|  | 35-44        | 6         | 6         | 12        |
|  | 45-54        | 3         | 8         | 11        |
|  | 55-64        | 3         | 1         | 4         |
|  | 65-74        | 0         | 1         | 1         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>19</b> | <b>19</b> | <b>38</b> |
| 2003                                       | 00-04        | 0         | 0         | 0         |
|  | 05-14        | 2         | 0         | 2         |
|  | 15-24        | 4         | 8         | 12        |
|  | 25-34        | 1         | 3         | 4         |
|  | 35-44        | 3         | 7         | 10        |
|  | 45-54        | 2         | 1         | 3         |
|  | 55-64        | 3         | 4         | 7         |
|  | 65-74        | 0         | 1         | 1         |
|  | 75-84        | 0         | 1         | 1         |
|  | <b>TOTAL</b> | <b>15</b> | <b>25</b> | <b>40</b> |
| 2004                                       | 00-04        | 1         | 0         | 1         |
|  | 05-14        | 0         | 0         | 0         |
|  | 15-24        | 5         | 4         | 9         |
|  | 25-34        | 1         | 3         | 4         |
|  | 35-44        | 1         | 4         | 5         |
|  | 45-54        | 2         | 4         | 6         |
|  | 55-64        | 6         | 5         | 11        |
|  | 65-74        | 2         | 1         | 3         |
|  | 75-84        | 1         | 0         | 1         |
|  | <b>TOTAL</b> | <b>19</b> | <b>21</b> | <b>40</b> |
| 2005                                       | 00-04        | 0         | 0         | 0         |
|  | 05-14        | 0         | 0         | 0         |
|  | 15-24        | 1         | 2         | 3         |
|  | 25-34        | 0         | 3         | 3         |
|  | 35-44        | 3         | 3         | 6         |
|  | 45-54        | 7         | 1         | 8         |
|  | 55-64        | 2         | 7         | 9         |
|  | 65-74        | 0         | 0         | 0         |
|  | 75-84        | 0         | 0         | 0         |
|  | <b>TOTAL</b> | <b>13</b> | <b>16</b> | <b>29</b> |



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**Table 2.0 Cont.**

| <b>DONOR GENDER NUMBERS AND AGE GROUPS</b> |              |           |           |           |
|--|--------------|-----------|-----------|-----------|
| <b>1 JAN 2008 - 31 DEC 2012</b>            |              |           |           |           |
| YEAR                                       | AGE GROUP    | FEMALE    | MALE      | TOTAL     |
| <b>2006</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 0         | 1         | <b>1</b>  |
|  | 15-24        | 1         | 5         | <b>6</b>  |
|  | 25-34        | 2         | 3         | <b>5</b>  |
|  | 35-44        | 4         | 2         | <b>6</b>  |
|  | 45-54        | 1         | 2         | <b>3</b>  |
|  | 55-64        | 1         | 2         | <b>3</b>  |
|  | 65-74        | 1         | 0         | <b>1</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>10</b> | <b>15</b> | <b>25</b> |
| <b>2007</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 1         | 0         | <b>1</b>  |
|  | 15-24        | 2         | 3         | <b>5</b>  |
|  | 25-34        | 0         | 1         | <b>1</b>  |
|  | 35-44        | 5         | 1         | <b>6</b>  |
|  | 45-54        | 8         | 5         | <b>13</b> |
|  | 55-64        | 6         | 4         | <b>10</b> |
|  | 65-74        | 1         | 1         | <b>2</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>23</b> | <b>15</b> | <b>38</b> |
| <b>2008</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 0         | 1         | <b>1</b>  |
|  | 15-24        | 0         | 5         | <b>5</b>  |
|  | 25-34        | 1         | 2         | <b>3</b>  |
|  | 35-44        | 5         | 3         | <b>8</b>  |
|  | 45-54        | 6         | 2         | <b>8</b>  |
|  | 55-64        | 4         | 0         | <b>4</b>  |
|  | 65-74        | 1         | 1         | <b>2</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>17</b> | <b>14</b> | <b>31</b> |
| <b>2009</b>                                | 00-04        | 1         | 0         | <b>1</b>  |
|  | 05-14        | 0         | 2         | <b>2</b>  |
|  | 15-24        | 3         | 3         | <b>6</b>  |
|  | 25-34        | 2         | 0         | <b>2</b>  |
|  | 35-44        | 2         | 5         | <b>7</b>  |
|  | 45-54        | 9         | 3         | <b>12</b> |
|  | 55-64        | 4         | 6         | <b>10</b> |
|  | 65-74        | 1         | 2         | <b>3</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>22</b> | <b>21</b> | <b>43</b> |

**Table 2.0 Cont.**

| <b>DONOR GENDER NUMBERS AND AGE GROUPS</b> |              |           |           |           |
|--|--------------|-----------|-----------|-----------|
| <b>1 JAN 2008 - 31 DEC 2012</b>            |              |           |           |           |
| YEAR                                       | AGE GROUP    | FEMALE    | MALE      | TOTAL     |
| <b>2010</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 0         | 0         | <b>0</b>  |
|  | 15-24        | 3         | 4         | <b>7</b>  |
|  | 25-34        | 4         | 3         | <b>7</b>  |
|  | 35-44        | 3         | 4         | <b>7</b>  |
|  | 45-54        | 6         | 2         | <b>8</b>  |
|  | 55-64        | 3         | 4         | <b>7</b>  |
|  | 65-74        | 3         | 2         | <b>5</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>22</b> | <b>19</b> | <b>41</b> |
| <b>2011</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 1         | 2         | <b>3</b>  |
|  | 15-24        | 2         | 7         | <b>9</b>  |
|  | 25-34        | 1         | 3         | <b>4</b>  |
|  | 35-44        | 1         | 3         | <b>4</b>  |
|  | 45-54        | 5         | 5         | <b>10</b> |
|  | 55-64        | 2         | 2         | <b>4</b>  |
|  | 65-74        | 2         | 2         | <b>4</b>  |
|  | 75-84        | 0         | 0         | <b>0</b>  |
|  | <b>TOTAL</b> | <b>14</b> | <b>24</b> | <b>38</b> |
| <b>2012</b>                                | 00-04        | 0         | 0         | <b>0</b>  |
|  | 05-14        | 1         | 1         | <b>2</b>  |
|  | 15-24        | 3         | 0         | <b>3</b>  |
|  | 25-34        | 2         | 1         | <b>3</b>  |
|  | 35-44        | 5         | 4         | <b>9</b>  |
|  | 45-54        | 4         | 6         | <b>10</b> |
|  | 55-64        | 3         | 2         | <b>5</b>  |
|  | 65-74        | 2         | 2         | <b>4</b>  |
|  | 75-84        | 1         | 1         | <b>2</b>  |
|  | <b>TOTAL</b> | <b>21</b> | <b>17</b> | <b>38</b> |

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**Table 3.0**

## CAUSE OF DONOR DEATH RELATED GENDER AND AGE GROUP

**NEW ZEALAND 1 JAN 1993 - 31 DEC 2012**

### FEMALE DEATHS

| 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      |
|--------------------------|-------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|
| ASTHMA                   |                               | 0        | 1         | 1         | 0         | 0         | 0         | 1         | 0         | 0        | 3          |
| CEREBRAL INFARCT         |                               | 0        | 0         | 0         | 2         | 3         | 3         | 3         | 1         | 0        | 12         |
| CEREBRAL INFARCT         | MENINGITIS (MENINGOCOCCAL)    | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL INFARCT         | POST SURGERY MENINGIOMA       | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | FOLLOWING A FALL              | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | POST ENCEPHALITIS             | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | GLIOBLASTOMA (MALIGNANT)      | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | MENINGIOMA (BENIGN)           | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CYCLIST                  |                               | 0        | 0         | 1         | 0         | 1         | 2         | 1         | 0         | 0        | 5          |
| DROWNING                 |                               | 0        | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0        | 2          |
| FALL                     |                               | 0        | 0         | 4         | 1         | 2         | 3         | 0         | 1         | 0        | 11         |
| GUNSHOT                  |                               | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| HANGING                  |                               | 0        | 2         | 0         | 0         | 1         | 1         | 1         | 0         | 0        | 5          |
| HYPOXIA                  | ANAPHYLAXIS                   | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | CARBON MONOXIDE               | 0        | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 2          |
| HYPOXIA                  | CARDIAC ARREST                | 1        | 2         | 1         | 1         | 1         | 1         | 1         | 0         | 0        | 8          |
| HYPOXIA                  | CHOKING                       | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | EPILEPSY                      | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | FAT EMBOLUS                   | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | OVERDOSE                      | 0        | 0         | 1         | 0         | 1         | 3         | 0         | 0         | 0        | 5          |
| HYPOXIA                  | POISONING-SUICIDE             | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | RESPIRATORY ARREST            | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | SMOKE INHALATION              | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| INTRACRANIAL HAEMORRHAGE |                               | 1        | 1         | 4         | 8         | 32        | 56        | 34        | 8         | 0        | 144        |
| MOTOR BIKE ACCIDENT      |                               | 0        | 2         | 3         | 0         | 0         | 0         | 0         | 0         | 0        | 5          |
| MOTOR VEHICLE ACCIDENT   |                               | 1        | 1         | 17        | 6         | 1         | 2         | 2         | 1         | 0        | 31         |
| OTHER                    | HEPATIC ENCEPHALOPATHY        | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | HYPOGLYCAEMIA                 | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGIOMA (BENIGN)           | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (MENINGOCOCCAL)    | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (NEISSERIA)        | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (ORGANISM UNKNOWN) | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (PNEUMOCOCCAL)     | 1        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 2          |
| OTHER                    | PNEUMOCOCUS (STREPTOCOCCUS)   | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (VIRAL)            | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | SUBDURAL HAEMATOMA            | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 1          |
| OTHER                    | VENTRICULAR COLLOID CYST      | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| OTHER ACCIDENT           | HEAD KICKED BY HORSE          | 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 ACCIDENT           | KICKED BY HORSE               | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER ROAD ACCIDENT      | RAIL ACCIDENT                 | 0        | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 2          |
| PEDESTRIAN               |                               | 1        | 1         | 1         | 0         | 1         | 0         | 0         | 0         | 0        | 4          |
| SUBARACHNOID HAEMORRHAGE |                               | 0        | 1         | 2         | 7         | 18        | 23        | 19        | 5         | 2        | 77         |
| <b>TOTAL</b>             |                               | <b>5</b> | <b>14</b> | <b>49</b> | <b>29</b> | <b>65</b> | <b>99</b> | <b>65</b> | <b>17</b> | <b>2</b> | <b>345</b> |



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**Table 3.1**

## CAUSE OF DONOR DEATH RELATED GENDER AND AGE GROUP

**NEW ZEALAND 1 JAN 1993 - 31 DEC 2012**

### MALE DEATHS

| 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      |
|--------------------------|------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|
| ASTHMA                   |                              | 0        | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0        | 2          |
| CEREBRAL INFARCT         |                              | 0        | 0         | 0         | 1         | 5         | 4         | 4         | 0         | 0        | 14         |
| CEREBRAL INFARCT         | POST AORTIC ANEURYSM REPAIR  | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| CEREBRAL INFARCT         | POST OVERDOSE                | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | ANAPHYLAXIS                  | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | COLLOID CYST (BENIGN)        | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | HIT ON HEAD                  | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL OEDEMA          | INFECTION-ABSCESS            | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | ASTROCYTOMA (MALIGNANT)      | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | GLIOMA (BENIGN)              | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 1          |
| CEREBRAL TUMOUR          | HAEMANGIOBLASTOMA (BENIGN)   | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | PINOCYTOMA (BENIGN)          | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| CEREBRAL TUMOUR          | PITUITARY (BENIGN)           | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| CYCLIST                  |                              | 0        | 4         | 3         | 1         | 2         | 3         | 2         | 0         | 0        | 15         |
| DROWNING                 |                              | 0        | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 2          |
| FALL                     |                              | 0        | 1         | 11        | 7         | 5         | 19        | 4         | 6         | 0        | 53         |
| FELONY OR CRIME          | ASSAULT                      | 0        | 0         | 2         | 2         | 1         | 0         | 0         | 0         | 0        | 5          |
| FELONY OR CRIME          | NON ACCIDENTAL FALL          | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| GUNSHOT                  |                              | 0        | 1         | 2         | 3         | 1         | 2         | 2         | 0         | 0        | 11         |
| HANGING                  |                              | 0        | 0         | 3         | 1         | 0         | 0         | 0         | 0         | 0        | 4          |
| HYPOXIA                  | ASPIRATION                   | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | ATTEMPTED HANGING            | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | CARBON MONOXIDE              | 0        | 0         | 2         | 0         | 2         | 0         | 0         | 0         | 0        | 4          |
| HYPOXIA                  | CARDIAC ARREST               | 0        | 1         | 3         | 0         | 3         | 2         | 0         | 0         | 0        | 9          |
| HYPOXIA                  | CHOKING                      | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | EPILEPTIC SEIZURE            | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | HYDROCEPHALUS                | 0        | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0        | 2          |
| HYPOXIA                  | NOT SPECIFIED                | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| HYPOXIA                  | OVERDOSE-RECREATIONAL DRUGS  | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| INTRACRANIAL HAEMORRHAGE |                              | 0        | 2         | 5         | 10        | 18        | 37        | 26        | 11        | 1        | 110        |
| MOTOR BIKE ACCIDENT      |                              | 0        | 1         | 9         | 4         | 3         | 1         | 0         | 0         | 0        | 18         |
| MOTOR VEHICLE ACCIDENT   |                              | 0        | 1         | 40        | 10        | 5         | 2         | 3         | 0         | 0        | 61         |
| OTHER                    | ENCEPHALITIS                 | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | ENCEPHALITIS (HERPES)        | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | HYDROCEPHALUS                | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | HYPOVOLAEMIA                 | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (MENINGOCOCCAL)   | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | MENINGITIS (PNEUMOCOCCAL)    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1        | 1          |
| OTHER                    | SELF INFLICTED STAB WOUND    | 0        | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | SUICIDE-HEAD INJURY          | 0        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0        | 1          |
| OTHER                    | SUICIDE-NAIL GUN             | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| OTHER                    | TRAUMATIC BRAIN INJURY       | 0        | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0        | 1          |
| OTHER ACCIDENT           | BRANCH FELL ON HEAD          | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0        | 1          |
| OTHER ACCIDENT           | FARM ACCIDENT                | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER ACCIDENT           | KICKED BY HORSE              | 0        | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0        | 1          |
| OTHER ACCIDENT           | MOUNTAIN BIKING FELL ON HEAD | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| OTHER ACCIDENT           | TRAMPLED BY HORSE            | 0        | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0        | 1          |
| OTHER ROAD ACCIDENT      | CAR SURFING                  | 0        | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0        | 1          |
| PEDESTRIAN               |                              | 1        | 4         | 10        | 3         | 3         | 1         | 0         | 0         | 0        | 22         |
| SUBARACHNOID HAEMORRHAGE |                              | 0        | 0         | 0         | 1         | 8         | 10        | 13        | 3         | 0        | 35         |
| <b>TOTAL</b>             |                              | <b>1</b> | <b>20</b> | <b>95</b> | <b>52</b> | <b>67</b> | <b>83</b> | <b>59</b> | <b>22</b> | <b>2</b> | <b>401</b> |

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**Table 4.0**

## CAUSE OF DONOR DEATH RELATED IN NEW ZEALAND 1993 - 2012

| CAUSE OF DEATH  | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| CVA             | 19        | 23        | 14        | 21        | 13        | 22        | 24        | 24        | 22        | 21        | 20        | 20        | 17        | 14        | 24        | 22        | 21        | 22        | 19        | 14        | 396        |
| TRAUMA-ROAD     | 11        | 8         | 10        | 11        | 18        | 11        | 8         | 6         | 9         | 8         | 9         | 7         | 3         | 8         | 7         | 2         | 9         | 9         | 6         | 4         | 164        |
| TRAUMA-NON ROAD | 2         | 3         | 8         | 2         | 9         | 6         | 4         | 5         | 4         | 5         | 7         | 7         | 3         | 1         | 3         | 3         | 4         | 4         | 4         | 6         | 90         |
| HYPOXIA-ANOXIA  | 1         | 1         | 2         | 2         | 0         | 1         | 2         | 4         | 0         | 3         | 1         | 4         | 0         | 1         | 2         | 4         | 5         | 2         | 3         | 5         | 43         |
| CEREBRAL TUMOUR | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 7          |
| OTHER           | 0         | 0         | 1         | 0         | 2         | 4         | 1         | 2         | 2         | 1         | 1         | 2         | 5         | 1         | 2         | 0         | 4         | 3         | 6         | 9         | 46         |
| <b>TOTAL</b>    | <b>34</b> | <b>35</b> | <b>35</b> | <b>36</b> | <b>42</b> | <b>46</b> | <b>39</b> | <b>41</b> | <b>37</b> | <b>38</b> | <b>40</b> | <b>40</b> | <b>29</b> | <b>25</b> | <b>38</b> | <b>31</b> | <b>43</b> | <b>41</b> | <b>38</b> | <b>38</b> | <b>746</b> |

**Table 5.0**

## CAUSE OF FEMALE DONOR DEATH RELATED IN NEW ZEALAND 1993 - 2012

| CAUSE OF DEATH  | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| CVA             | 13        | 11        | 7         | 12        | 9         | 11        | 17        | 12        | 14        | 12        | 11        | 11        | 9         | 8         | 16        | 16        | 13        | 14        | 11        | 8         | 235        |
| TRAUMA-ROAD     | 3         | 0         | 2         | 5         | 5         | 2         | 3         | 3         | 2         | 3         | 2         | 3         | 1         | 1         | 3         | 0         | 3         | 5         | 0         | 1         | 47         |
| TRAUMA-NON ROAD | 1         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 1         | 2         | 0         | 0         | 2         | 1         | 1         | 0         | 0         | 2         | 0         | 2         | 15         |
| HYPOXIA-ANOXIA  | 1         | 0         | 2         | 1         | 0         | 0         | 1         | 2         | 0         | 1         | 1         | 3         | 0         | 0         | 1         | 1         | 3         | 0         | 2         | 3         | 22         |
| CEREBRAL TUMOUR | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
| OTHER           | 0         | 0         | 1         | 0         | 1         | 1         | 0         | 2         | 1         | 1         | 0         | 2         | 1         | 0         | 2         | 0         | 3         | 1         | 1         | 7         | 24         |
| <b>TOTAL</b>    | <b>18</b> | <b>12</b> | <b>12</b> | <b>19</b> | <b>16</b> | <b>15</b> | <b>21</b> | <b>19</b> | <b>18</b> | <b>19</b> | <b>15</b> | <b>19</b> | <b>13</b> | <b>10</b> | <b>23</b> | <b>17</b> | <b>22</b> | <b>22</b> | <b>14</b> | <b>21</b> | <b>345</b> |

**Table 6.0**

## CAUSE OF MALE DONOR DEATH RELATED IN NEWZEALAND 1993 - 2012

| CAUSE OF DEATH  | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| CVA             | 6         | 12        | 7         | 9         | 4         | 11        | 7         | 12        | 8         | 9         | 9         | 9         | 8         | 6         | 8         | 6         | 8         | 8         | 8         | 6         | 161        |
| TRAUMA-ROAD     | 8         | 8         | 8         | 6         | 13        | 9         | 5         | 3         | 7         | 5         | 7         | 4         | 2         | 7         | 4         | 2         | 6         | 4         | 6         | 3         | 117        |
| TRAUMA-NON ROAD | 1         | 2         | 8         | 1         | 8         | 6         | 4         | 5         | 3         | 3         | 7         | 7         | 1         | 0         | 2         | 3         | 4         | 2         | 4         | 4         | 75         |
| HYPOXIA-ANOXIA  | 0         | 1         | 0         | 1         | 0         | 1         | 1         | 2         | 0         | 2         | 0         | 1         | 0         | 1         | 1         | 3         | 2         | 2         | 1         | 2         | 21         |
| CEREBRAL TUMOUR | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 5          |
| OTHER           | 0         | 0         | 0         | 0         | 1         | 3         | 1         | 0         | 1         | 0         | 1         | 0         | 4         | 1         | 0         | 0         | 1         | 2         | 5         | 2         | 22         |
| <b>TOTAL</b>    | <b>16</b> | <b>23</b> | <b>23</b> | <b>17</b> | <b>26</b> | <b>31</b> | <b>18</b> | <b>22</b> | <b>19</b> | <b>19</b> | <b>25</b> | <b>21</b> | <b>16</b> | <b>15</b> | <b>15</b> | <b>14</b> | <b>21</b> | <b>19</b> | <b>24</b> | <b>17</b> | <b>401</b> |



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**Table 7.0**

**ORGANS REQUESTED BY DONOR STATE - NEW ZEALAND**

**1 JAN 1998 - 31 DEC 2012**

| ORGAN REQUESTED | Donor State | 98 | 99 | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | TOTAL      |
|-----------------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|
| KIDNEYS         | New Zealand | 46 | 39 | 41 | 37 | 38 | 39 | 37 | 29 | 25 | 37 | 31 | 43 | 41 | 38 | 37 | <b>558</b> |
| LIVER           | New Zealand | 41 | 36 | 40 | 36 | 38 | 39 | 39 | 28 | 25 | 38 | 29 | 43 | 40 | 37 | 37 | <b>546</b> |
| HEART           | New Zealand | 35 | 30 | 34 | 34 | 32 | 35 | 30 | 24 | 22 | 33 | 29 | 34 | 33 | 28 | 30 | <b>463</b> |
| LUNGS           | New Zealand | 28 | 31 | 34 | 32 | 31 | 32 | 26 | 24 | 23 | 32 | 26 | 37 | 32 | 29 | 33 | <b>450</b> |
| PANCREAS        | New Zealand | 20 | 27 | 28 | 28 | 22 | 33 | 20 | 20 | 22 | 26 | 22 | 26 | 26 | 29 | 22 | <b>371</b> |
| EYE-CORNEA      | New Zealand | 25 | 19 | 27 | 23 | 18 | 23 | 17 | 14 | 11 | 26 | 17 | 15 | 25 | 19 | 25 | <b>304</b> |
| BONE            | New Zealand | 16 | 19 | 22 | 21 | 8  | 17 | 10 | 10 | 5  | 17 | 7  | 1  | 0  | 0  | 0  | <b>153</b> |
| HEART VALVES    | New Zealand | 20 | 20 | 20 | 18 | 22 | 12 | 22 | 8  | 12 | 20 | 24 | 28 | 23 | 29 | 28 | <b>306</b> |

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| Table 8.0  |                         |            |
|--|-------------------------|------------|
| REASONS ORGANS NOT REQUESTED<br>NEW ZEALAND 1 JAN 1993 - 31 DEC 2012 |                         |            |
| ORGAN NOT REQUESTED  | REASON NOT REQUESTED    | TOTAL      |
| KIDNEYS  | AGE OF DONOR            | 1          |
|  | DISEASE OF ORGAN        | 2          |
|  | MEDICALLY UNSUITABLE    | 1          |
|  | PAST HISTORY MALIGNANCY | 1          |
|  | TRAUMA TO ORGAN         | 1          |
|  | <b>TOTAL</b>            | <b>6</b>   |
| LIVER  | AGE OF DONOR            | 10         |
|  | CORONER REFUSAL         | 1          |
|  | DISEASE OF ORGAN        | 6          |
|  | DONATION AFTER CARDIAC  | 1          |
|  | DEATH                   | 1          |
|  | DONOR REFUSAL           | 1          |
|  | FAMILY REFUSAL          | 9          |
|  | LOGISTICS               | 6          |
|  | MEDICALLY UNSUITABLE    | 3          |
|  | NO SUITABLE RECIPIENT   | 10         |
|  | PAST HISTORY MALIGNANCY | 1          |
|  | PRIOR FAMILY REQUEST    | 6          |
|  | STAFF OVERSIGHT         | 2          |
|  | TRAUMA TO ORGAN         | 8          |
|  | <b>TOTAL</b>            | <b>64</b>  |
| HEART  | ABNORMAL ECHOCARDIOGRAM | 4          |
|  | AGE OF DONOR            | 50         |
|  | CORONER REFUSAL         | 4          |
|  | DISEASE OF ORGAN        | 19         |
|  | DONATION AFTER CARDIAC  | 4          |
|  | DEATH                   | 4          |
|  | DONOR REFUSAL           | 1          |
|  | FAMILY REFUSAL          | 25         |
|  | HEPATITIS C POSITIVE    | 1          |
|  | LOGISTICS               | 1          |
|  | MEDICALLY UNSUITABLE    | 4          |
|  | NO SUITABLE RECIPIENT   | 6          |
|  | PRIOR FAMILY REQUEST    | 14         |
|  | TRAUMA TO ORGAN         | 7          |
|  | <b>TOTAL</b>            | <b>140</b> |
| BONE   | AGE OF DONOR            | 26         |
|  | CORONER REFUSAL         | 3          |
|  | DISEASE OF ORGAN        | 1          |
|  | DONOR REFUSAL           | 2          |
|  | FAMILY REFUSAL          | 31         |
|  | HEPATITIS C POSITIVE    | 1          |
|  | LOGISTICS               | 338        |
|  | MEDICALLY UNSUITABLE    | 1          |
|  | NOT REQUIRED            | 106        |
|  | PRIOR FAMILY REQUEST    | 29         |
|  | STAFF OVERSIGHT         | 3          |
|  | STAFF RELUCTANCE        | 4          |
|  | TEAM NOT AVAILABLE      | 1          |
|  | <b>TOTAL</b>            | <b>546</b> |

| Table 8.0 Cont.              |                         |            |
|------------------------------|-------------------------|------------|
| REASONS ORGANS NOT REQUESTED |                         |            |
| ORGAN NOT REQUESTED          | REASON NOT REQUESTED    | TOTAL      |
| LUNGS                        | ABNORMAL ABG            | 1          |
|                              | AGE OF DONOR            | 41         |
|                              | CORONER REFUSAL         | 3          |
|                              | DISEASE OF ORGAN        | 19         |
|                              | DONATION AFTER CARDIAC  | 6          |
|                              | DEATH                   | 6          |
|                              | DONOR REFUSAL           | 1          |
|                              | DONOR UNSTABLE          | 1          |
|                              | FAMILY REFUSAL          | 20         |
|                              | HEPATITIS C POSITIVE    | 1          |
|                              | LOGISTICS               | 6          |
|                              | MEDICALLY UNSUITABLE    | 15         |
|                              | NO SUITABLE RECIPIENT   | 21         |
|                              | PAST HISTORY MALIGNANCY | 1          |
|                              | PRIOR FAMILY REQUEST    | 11         |
|                              | STAFF OVERSIGHT         | 1          |
|                              | TRAUMA TO ORGAN         | 57         |
|                              | <b>TOTAL</b>            | <b>205</b> |
| PANCREAS                     | AGE OF DONOR            | 128        |
|                              | CORONER REFUSAL         | 2          |
|                              | DISEASE OF ORGAN        | 4          |
|                              | DONATION AFTER CARDIAC  | 5          |
|                              | DEATH                   | 1          |
|                              | DONOR REFUSAL           | 17         |
|                              | FAMILY REFUSAL          | 17         |
|                              | HEPATITIS C POSITIVE    | 1          |
|                              | LOGISTICS               | 159        |
|                              | MEDICALLY UNSUITABLE    | 5          |
|                              | NO SUITABLE RECIPIENT   | 9          |
|                              | PRIOR FAMILY REQUEST    | 13         |
|                              | SMOKING HISTORY         | 1          |
|                              | STAFF OVERSIGHT         | 4          |
|                              | SURGEON NOT AVAILABLE   | 2          |
|                              | TRAUMA TO ORGAN         | 2          |
|                              | <b>TOTAL</b>            | <b>353</b> |
| INTESTINES                   | LOGISTICS               | 191        |
|                              | <b>TOTAL</b>            | <b>191</b> |
| STOMACH-INTESTINES           | LOGISTICS               | 191        |
|                              | <b>TOTAL</b>            | <b>191</b> |
| HEART VALVES                 | AGE OF DONOR            | 33         |
|                              | CORONER REFUSAL         | 2          |
|                              | DISEASE OF ORGAN        | 6          |
|                              | FAMILY REFUSAL          | 19         |
|                              | HEPATITIS C POSITIVE    | 2          |
|                              | LOGISTICS               | 1          |
|                              | MEDICALLY UNSUITABLE    | 5          |
|                              | PRIOR FAMILY REQUEST    | 10         |
|                              | STAFF OVERSIGHT         | 6          |
|                              | TRAUMA TO ORGAN         | 1          |
|                              | UK RESIDENT             | 1          |
|                              | <b>TOTAL</b>            | <b>86</b>  |





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| <b>Table 8.0 Cont.</b>                      |                             |              |
|---|-----------------------------|--------------|
| <b>REASONS ORGANS NOT REQUESTED</b>         |                             |              |
| <b>NEW ZEALAND 1 JAN 2012 - 31 DEC 2012</b> |                             |              |
| <b>ORGAN NOT REQUESTED</b>                  | <b>REASON NOT REQUESTED</b> | <b>TOTAL</b> |
| <b>KIDNEYS</b>                              | TRAUMA TO ORGAN             | 1            |
|   | <b>TOTAL</b>                | <b>1</b>     |
| <b>LIVER</b>                                | DISEASE OF ORGAN            | 1            |
|   | <b>TOTAL</b>                | <b>1</b>     |
| <b>HEART</b>                                | AGE OF DONOR                | 4            |
|   | DISEASE OF ORGAN            | 2            |
|   | FAMILY REFUSAL              | 2            |
|   | <b>TOTAL</b>                | <b>8</b>     |
| <b>LUNGS</b>                                | AGE OF DONOR                | 3            |
|   | FAMILY REFUSAL              | 1            |
|   | MEDICALLY UNSUITABLE        | 1            |
|   | <b>TOTAL</b>                | <b>5</b>     |
| <b>PANCREAS</b>                             | AGE OF DONOR                | 11           |
|   | MEDICALLY UNSUITABLE        | 3            |
|   | SMOKING HISTORY             | 1            |
|   | TRAUMA TO ORGAN             | 1            |
|   | <b>TOTAL</b>                | <b>16</b>    |
| <b>INTESTINES</b>                           | LOGISTICS                   | 38           |
|   | <b>TOTAL</b>                | <b>38</b>    |
| <b>STOMACH-INTESTINES</b>                   | LOGISTICS                   | 38           |
|   | <b>TOTAL</b>                | <b>38</b>    |
| <b>EYE-CORNEA</b>                           | DISEASE OF ORGAN            | 1            |
|   | FAMILY REFUSAL              | 9            |
|   | PRIOR FAMILY REQUEST        | 2            |
|   | STAFF RELUCTANCE            | 1            |
|   | <b>TOTAL</b>                | <b>13</b>    |
| <b>BONE</b>                                 | AGE OF DONOR                | 1            |
|   | FAMILY REFUSAL              | 1            |
|   | LOGISTICS                   | 35           |
|   | NOT REQUIRED                | 1            |
|   | <b>TOTAL</b>                | <b>38</b>    |
| <b>HEART VALVES</b>                         | AGE OF DONOR                | 3            |
|   | DISEASE OF ORGAN            | 2            |
|   | FAMILY REFUSAL              | 2            |
|   | MEDICALLY UNSUITABLE        | 2            |
|   | <b>TOTAL</b>                | <b>9</b>     |

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**Table 9.0**

## ORGANS RETRIEVED IN NEW ZEALAND BY RETRIEVAL STATE TEAM

**1 JAN 2003 - 31 DEC 2012**

| YEAR | ORGANS RETRIEVED | DONOR COUNTRY | NZ         | QLD      | NSW      | VIC      | TAS      | SA       | NT       | WA       | TOTAL      |
|------|------------------|---------------|------------|----------|----------|----------|----------|----------|----------|----------|------------|
| 2003 | KIDNEYS          | 8             | 72         | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 74         |
|      | LIVER            | 8             | 33         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 34         |
|      | HEART            | 8             | 23         | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 25         |
|      | LUNGS            | 8             | 16         | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 18         |
|      | LUNG (L)         | 8             | 0          | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1          |
|      | PANCREAS         | 8             | 6          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6          |
|      | <b>TOTAL</b>     | <b>8</b>      | <b>150</b> | <b>0</b> | <b>6</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>158</b> |
| 2004 | KIDNEYS          | 8             | 63         | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 65         |
|      | LIVER            | 8             | 34         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 35         |
|      | HEART            | 8             | 7          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 7          |
|      | LUNGS            | 8             | 9          | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 11         |
|      | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|      | PANCREAS         | 8             | 2          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
|      | <b>TOTAL</b>     | <b>8</b>      | <b>115</b> | <b>3</b> | <b>0</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>120</b> |
| 2005 | KIDNEYS          | 8             | 55         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 55         |
|      | LIVER            | 8             | 22         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 22         |
|      | HEART            | 8             | 15         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 16         |
|      | LUNGS            | 8             | 9          | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 11         |
|      | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|      | PANCREAS         | 8             | 2          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
|      | <b>TOTAL</b>     | <b>8</b>      | <b>103</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>106</b> |
| 2006 | KIDNEYS          | 8             | 42         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 42         |
|      | LIVER            | 8             | 24         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 24         |
|      | HEART            | 8             | 9          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 9          |
|      | LUNGS            | 8             | 12         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 13         |
|      | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|      | PANCREAS         | 8             | 6          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6          |
|      | <b>TOTAL</b>     | <b>8</b>      | <b>93</b>  | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>94</b>  |
| 2007 | KIDNEYS          | 8             | 64         | 0        | 0        | 2        | 0        | 0        | 0        | 2        | 68         |
|      | LIVER            | 8             | 30         | 0        | 0        | 1        | 0        | 0        | 0        | 1        | 32         |
|      | HEART            | 8             | 9          | 0        | 1        | 2        | 0        | 0        | 0        | 0        | 12         |
|      | LUNGS            | 8             | 10         | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 13         |
|      | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|      | PANCREAS         | 8             | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1          |
|      | <b>TOTAL</b>     | <b>8</b>      | <b>114</b> | <b>1</b> | <b>2</b> | <b>6</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>3</b> | <b>126</b> |



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**Table 9.0 Cont.**

| <b>ORGANS RETRIEVED IN NEW ZEALAND BY RETRIEVAL STATE TEAM</b><br><b>1 JAN 2003 - 31 DEC 2012</b> |                  |               |            |          |          |          |          |          |          |          |            |
|---|------------------|---------------|------------|----------|----------|----------|----------|----------|----------|----------|------------|
| YEAR  | ORGANS RETRIEVED | DONOR COUNTRY | NZ         | QLD      | NSW      | VIC      | TAS      | SA       | NT       | WA       | TOTAL      |
| 2008  | KIDNEYS          | 8             | 59         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 59         |
|   | LIVER            | 8             | 23         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 23         |
|   | HEART            | 8             | 9          | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 10         |
|   | LUNGS            | 8             | 13         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 14         |
|   | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|   | PANCREAS         | 8             | 4          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
|   | <b>TOTAL</b>     | <b>8</b>      | <b>108</b> | <b>0</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>110</b> |
| 2009  | KIDNEYS          | 8             | 73         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 73         |
|   | LIVER            | 8             | 33         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 33         |
|   | HEART            | 8             | 11         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11         |
|   | LUNGS            | 8             | 11         | 1        | 2        | 2        | 0        | 0        | 0        | 0        | 16         |
|   | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|   | PANCREAS         | 8             | 2          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2          |
|   | <b>TOTAL</b>     | <b>8</b>      | <b>130</b> | <b>1</b> | <b>2</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>135</b> |
| 2010  | KIDNEYS          | 8             | 62         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 62         |
|   | LIVER            | 8             | 32         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 32         |
|   | HEART            | 8             | 11         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 11         |
|   | LUNGS            | 8             | 11         | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 12         |
|   | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|   | PANCREAS         | 8             | 3          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
|   | <b>TOTAL</b>     | <b>8</b>      | <b>119</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>120</b> |
| 2011  | KIDNEYS          | 8             | 66         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 66         |
|   | LIVER            | 8             | 30         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 30         |
|   | HEART            | 8             | 12         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 12         |
|   | LUNGS            | 8             | 12         | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 13         |
|   | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|   | PANCREAS         | 8             | 4          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 4          |
|   | <b>TOTAL</b>     | <b>8</b>      | <b>124</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>125</b> |
| 2012  | KIDNEYS          | 8             | 57         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 57         |
|   | LIVER            | 8             | 30         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 30         |
|   | HEART            | 8             | 12         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 12         |
|   | LUNGS            | 8             | 13         | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 14         |
|   | LUNG (L)         | 8             | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0          |
|   | PANCREAS         | 8             | 3          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 3          |
|   | <b>TOTAL</b>     | <b>8</b>      | <b>115</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>116</b> |

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**Table 10.0**

| <b>REASONS ORGANS NOT RETRIEVED</b><br><b>NEW ZEALAND 1 JAN 1993 - 31 DEC 2012</b> |                         |            |
|--|-------------------------|------------|
| ORGAN NOT RETRIEVED  | REASON NOT RETRIEVED    | TOTAL      |
| KIDNEY (L)   | ABDOMINAL HAEMORRHAGE   | 1          |
|  | BIOCHEMISTRY            | 3          |
|  | DISEASE OF ORGAN        | 31         |
|  | HEPATITIS C POSITIVE    | 1          |
|  | HIGH CREATININE         | 1          |
|  | HORSESHOE KIDNEY        | 1          |
|  | HYPOTENSION             | 1          |
|  | INFECTION               | 2          |
|  | MALIGNANCY              | 1          |
|  | MEDICALLY UNSUITABLE    | 2          |
|  | NO SUITABLE RECIPIENT   | 2          |
|  | PRIOR KIDNEY TRANSPLANT | 1          |
|  | RENAL CALCULI           | 1          |
|  | TRAUMA TO ORGAN         | 5          |
|  | <b>TOTAL</b>            | <b>53</b>  |
| KIDNEY (R)   | ABDOMINAL HAEMORRHAGE   | 1          |
|  | BIOCHEMISTRY            | 3          |
|  | DISEASE OF ORGAN        | 30         |
|  | HEPATITIS C POSITIVE    | 1          |
|  | HIGH CREATININE         | 1          |
|  | HORSESHOE KIDNEY        | 1          |
|  | HYPOTENSION             | 1          |
|  | INFECTION               | 2          |
|  | MALIGNANCY              | 1          |
|  | MEDICALLY UNSUITABLE    | 4          |
|  | NO SUITABLE RECIPIENT   | 3          |
|  | PRIOR FAMILY REQUEST    | 1          |
|  | PRIOR KIDNEY TRANSPLANT | 1          |
|  | SINGLE LEFT KIDNEY      | 1          |
|  | TRAUMA TO ORGAN         | 6          |
|  | <b>TOTAL</b>            | <b>57</b>  |
| LIVER  | ABDOMINAL HAEMORRHAGE   | 1          |
|  | AGE OF DONOR            | 1          |
|  | DISEASE OF ORGAN        | 57         |
|  | DONOR UNSTABLE          | 1          |
|  | HYPOTENSION             | 2          |
|  | HYPOXIC INJURY          | 2          |
|  | INOTROPIC SUPPORT       | 2          |
|  | LOGISTICS               | 8          |
|  | MALIGNANCY              | 1          |
|  | MEDICALLY UNSUITABLE    | 20         |
|  | NO SUITABLE RECIPIENT   | 15         |
|  | TRAUMA TO ORGAN         | 8          |
|  | <b>TOTAL</b>            | <b>118</b> |

**Table 10.0 Cont.**

| <b>REASONS ORGANS NOT RETRIEVED</b><br><b>NEW ZEALAND 1 JAN 1993 - 31 DEC 2012</b> |                          |            |
|--|--------------------------|------------|
| ORGAN NOT RETRIEVED  | REASON NOT RETRIEVED     | TOTAL      |
| HEART  | ABG                      | 3          |
|  | ABNORMAL ANGIOGRAPHY     | 1          |
|  | ABNORMAL ECHOCARDIOGRAM  | 45         |
|  | AGE OF DONOR             | 39         |
|  | CARDIAC ARREST           | 7          |
|  | CARDIAC STENTING         | 1          |
|  | CORONER REFUSAL          | 1          |
|  | DCD DONOR                | 2          |
|  | DISEASE OF ORGAN         | 48         |
|  | DONOR UNSTABLE           | 3          |
|  | ECG                      | 13         |
|  | EXTENDED ISCHAEMIC TIME  | 2          |
|  | HYPOTENSION              | 2          |
|  | INFECTION                | 1          |
|  | INOTROPIC SUPPORT        | 13         |
|  | JET FLIGHT TIMES DELAYED | 1          |
|  | LOGISTICS                | 5          |
|  | MEDICALLY UNSUITABLE     | 27         |
|  | NEEDED CROSS MATCH       | 1          |
|  | NO SUITABLE RECIPIENT    | 103        |
|  | POSITIVE CROSS MATCH     | 2          |
|  | SURGEON UNAVAILABLE      | 1          |
|  | TRAUMA TO ORGAN          | 25         |
|  | <b>TOTAL</b>             | <b>346</b> |
| LUNGS  | ABG                      | 122        |
|  | AGE OF DONOR             | 20         |
|  | CARDIAC ARREST           | 2          |
|  | CHEST XRAY               | 14         |
|  | DISEASE OF ORGAN         | 24         |
|  | DONOR UNSTABLE           | 1          |
|  | INFECTION                | 5          |
|  | INOTROPIC SUPPORT        | 1          |
|  | JET FLIGHT TIMES DELAYED | 1          |
|  | LOGISTICS                | 5          |
|  | MEDICALLY UNSUITABLE     | 22         |
|  | NO SUITABLE RECIPIENT    | 42         |
|  | POSITIVE CROSS MATCH     | 3          |
|  | SURGEON UNAVAILABLE      | 1          |
|  | SURGICALLY UNSUITABLE    | 1          |
|  | TEAM NOT AVAILABLE       | 1          |
|  | TIME CONSTRAINTS         | 1          |
|  | TRAUMA TO ORGAN          | 49         |
|  | <b>TOTAL</b>             | <b>315</b> |
| LUNG (R)   | TRAUMA TO ORGAN          | 1          |
|  | <b>TOTAL</b>             | <b>1</b>   |



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| Table 10.0 Cont.                     |                           |            |
|--------------------------------------|---------------------------|------------|
| REASONS ORGANS NOT RETRIEVED         |                           |            |
| NEW ZEALAND 1 JAN 1993 - 31 DEC 2012 |                           |            |
| ORGAN NOT RETRIEVED                  | REASON NOT RETRIEVED      | TOTAL      |
| PANCREAS                             | AGE OF DONOR              | 120        |
|                                      | BIOCHEMISTRY              | 2          |
|                                      | BODY WEIGHT               | 1          |
|                                      | CARDIAC ARREST            | 2          |
|                                      | DCD DONOR                 | 1          |
|                                      | DISEASE OF ORGAN          | 14         |
|                                      | DISTANCE                  | 1          |
|                                      | DONOR BMI                 | 1          |
|                                      | DONOR UNSTABLE            | 1          |
|                                      | ECG                       | 1          |
|                                      | EXCEEDED TX NUMBER FOR YR | 2          |
|                                      | GESTATIONAL DIABETES      | 1          |
|                                      | HISTORY OF PRE ECLAMPSIA  | 1          |
|                                      | HYPERTENSIVE              | 1          |
|                                      | HYPOTENSION               | 2          |
|                                      | HYPOXIA                   | 1          |
|                                      | HYPOXIC INJURY            | 1          |
|                                      | INOTROPIC SUPPORT         | 1          |
|                                      | LOGISTICS                 | 31         |
|                                      | MEDICALLY UNSUITABLE      | 30         |
|                                      | MULTIPLE DONORS           | 1          |
|                                      | MULTIPLE DONORS SAME DAY  | 1          |
|                                      | NO SUITABLE RECIPIENT     | 73         |
|                                      | NOT REQUIRED              | 1          |
|                                      | SURGEON UNAVAILABLE       | 12         |
|                                      | SURGICALLY UNSUITABLE     | 3          |
|                                      | TEAM NOT AVAILABLE        | 19         |
|                                      | TRAUMA TO ORGAN           | 8          |
|                                      | <b>TOTAL</b>              | <b>333</b> |
| EYE-CORNEA                           | CORONER REFUSAL           | 3          |
|                                      | DISEASE OF ORGAN          | 1          |
|                                      | EYE BANK CLOSED           | 1          |
|                                      | FAMILY REFUSAL            | 1          |
|                                      | FAMILY UNSURE             | 1          |
|                                      | HB CORE ANTIBODY          | 1          |
|                                      | INFECTION                 | 1          |
|                                      | LOGISTICS                 | 19         |
|                                      | MEDICALLY UNSUITABLE      | 1          |
|                                      | NO SUITABLE RECIPIENT     | 5          |
|                                      | NOT REQUIRED              | 2          |
|                                      | PREVIOUS SURGERY          | 1          |
|                                      | SURGICALLY UNSUITABLE     | 1          |
|                                      | TEAM NOT AVAILABLE        | 1          |
|                                      | <b>TOTAL</b>              | <b>39</b>  |
| CORNEA (R)                           | PREVIOUS SURGERY          | 1          |
|                                      | TRAUMA TO ORGAN           | 5          |
|                                      | <b>TOTAL</b>              | <b>6</b>   |

| Table 10.0 Cont.                     |                          |            |
|--------------------------------------|--------------------------|------------|
| REASONS ORGANS NOT RETRIEVED         |                          |            |
| NEW ZEALAND 1 JAN 1993 - 31 DEC 2012 |                          |            |
| ORGAN NOT RETRIEVED                  | REASON NOT RETRIEVED     | TOTAL      |
| BONE                                 | AGE OF DONOR             | 7          |
|                                      | DISEASE OF ORGAN         | 1          |
|                                      | LOGISTICS                | 49         |
|                                      | MALIGNANCY               | 2          |
|                                      | MEDICALLY UNSUITABLE     | 3          |
|                                      | NO SUITABLE RECIPIENT    | 2          |
|                                      | NOT REQUIRED             | 59         |
|                                      | TEAM NOT AVAILABLE       | 1          |
|                                      | <b>TOTAL</b>             | <b>124</b> |
| HEART VALVES                         | AGE OF DONOR             | 30         |
|                                      | CONSENT WITHDRAWN        | 2          |
|                                      | CONTAMINATION            | 1          |
|                                      | DISEASE OF ORGAN         | 5          |
|                                      | FAMILY REFUSAL           | 1          |
|                                      | HEART TRANSPLANTED       | 52         |
|                                      | HEPATITIS C POSITIVE     | 1          |
|                                      | LOGISTICS                | 1          |
|                                      | MEDICALLY UNSUITABLE     | 7          |
|                                      | NO AUTOPSY               | 1          |
|                                      | NO SUITABLE RECIPIENT    | 2          |
|                                      | NOT RETRIEVED AT PM      | 1          |
|                                      | PREVIOUS CARDIAC SURGERY | 1          |
|                                      | TEAM NOT AVAILABLE       | 2          |
|                                      | UK RESIDENT              | 1          |
|                                      | <b>TOTAL</b>             | <b>108</b> |

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**Table 10.1**

| REASONS ORGANS NOT RETRIEVED<br>NEW ZEALAND 1 JAN 2012 - 31 DEC 2012 |                         |           |
|--|-------------------------|-----------|
| ORGAN NOT RETRIEVED  | REASON NOT RETRIEVED    | TOTAL     |
| KIDNEY (L)   | BIOCHEMISTRY            | 1         |
|  | DISEASE OF ORGAN        | 4         |
|  | NO SUITABLE RECIPIENT   | 2         |
|  | TRAUMA TO ORGAN         | 1         |
|  | <b>TOTAL</b>            | <b>8</b>  |
| KIDNEY (R)   | BIOCHEMISTRY            | 1         |
|  | DISEASE OF ORGAN        | 4         |
|  | NO SUITABLE RECIPIENT   | 2         |
|  | <b>TOTAL</b>            | <b>7</b>  |
| LIVER  | DISEASE OF ORGAN        | 6         |
|  | <b>TOTAL</b>            | <b>6</b>  |
| HEART  | ABNORMAL ANGIOGRAPHY    | 1         |
|  | ABNORMAL ECHOCARDIOGRAM | 3         |
|  | AGE OF DONOR            | 2         |
|  | DISEASE OF ORGAN        | 4         |
|  | INOTROPIC SUPPORT       | 1         |
|  | MEDICALLY UNSUITABLE    | 1         |
|  | NO SUITABLE RECIPIENT   | 4         |
|  | <b>TOTAL</b>            | <b>16</b> |
| LUNGS  | ABG                     | 5         |
|  | AGE OF DONOR            | 1         |
|  | DISEASE OF ORGAN        | 5         |
|  | MEDICALLY UNSUITABLE    | 1         |
|  | NO SUITABLE RECIPIENT   | 2         |
|  | TEAM NOT AVAILABLE      | 1         |
|  | TRAUMA TO ORGAN         | 2         |
|  | <b>TOTAL</b>            | <b>17</b> |
| PANCREAS   | AGE OF DONOR            | 8         |
|  | BODY WEIGHT             | 1         |
|  | CARDIAC ARREST          | 1         |
|  | DISEASE OF ORGAN        | 3         |
|  | DONOR BMI               | 1         |
|  | HYPOXIA                 | 1         |
|  | NO SUITABLE RECIPIENT   | 2         |
|  | SURGICALLY UNSUITABLE   | 1         |
|  | TRAUMA TO ORGAN         | 1         |
|  | <b>TOTAL</b>            | <b>19</b> |

**Table 10.1 Cont.**

| REASONS ORGANS NOT RETRIEVED<br>NEW ZEALAND 1 JAN 2012 - 31 DEC 2012 |                          |           |
|--|--------------------------|-----------|
| ORGAN NOT RETRIEVED  | REASON NOT RETRIEVED     | TOTAL     |
| EYE-CORNEA   | FAMILY REFUSAL           | 1         |
|  | FAMILY UNSURE            | 1         |
|  | INFECTION                | 1         |
|  | <b>TOTAL</b>             | <b>3</b>  |
| HEART VALVES   | AGE OF DONOR             | 3         |
|  | FAMILY REFUSAL           | 1         |
|  | HEART TRANSPLANTED       | 11        |
|  | NO SUITABLE RECIPIENT    | 1         |
|  | PREVIOUS CARDIAC SURGERY | 1         |
|  | <b>TOTAL</b>             | <b>17</b> |



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**Table 11.0**

**DONOR AGE RELATED TO TRANSPLANTED ORGANS**  
**RETRIEVED IN NEW ZEALAND 1 JAN 1998 - 31 DEC 2012**

| TRANSPLANTED ORGAN | Year of Operation | 00-04    | 05-14     | 15-24      | 25-34     | 35-44      | 45-54      | 55-64      | 65-74     | 75-84    | TOTAL      |
|--------------------|-------------------|----------|-----------|------------|-----------|------------|------------|------------|-----------|----------|------------|
| <b>KIDNEYS</b>     | 1998              | 1        | 8         | 15         | 12        | 16         | 14         | 11         | 2         | 0        | <b>79</b>  |
|                    | 1999              | 0        | 5         | 6          | 8         | 8          | 27         | 10         | 8         | 0        | <b>72</b>  |
|                    | 2000              | 0        | 3         | 18         | 7         | 11         | 24         | 10         | 2         | 0        | <b>75</b>  |
|                    | 2001              | 0        | 0         | 18         | 4         | 14         | 14         | 16         | 1         | 0        | <b>67</b>  |
|                    | 2002              | 0        | 6         | 10         | 4         | 22         | 20         | 6          | 1         | 0        | <b>69</b>  |
|                    | 2003              | 0        | 3         | 22         | 8         | 16         | 6          | 11         | 0         | 1        | <b>67</b>  |
|                    | 2004              | 0        | 0         | 16         | 7         | 6          | 11         | 16         | 1         | 1        | <b>58</b>  |
|                    | 2005              | 0        | 0         | 6          | 6         | 12         | 15         | 12         | 0         | 0        | <b>51</b>  |
|                    | 2006              | 0        | 2         | 12         | 10        | 6          | 6          | 4          | 1         | 0        | <b>41</b>  |
|                    | 2007              | 0        | 2         | 9          | 2         | 11         | 21         | 18         | 2         | 0        | <b>65</b>  |
|                    | 2008              | 0        | 2         | 10         | 6         | 16         | 13         | 4          | 2         | 0        | <b>53</b>  |
|                    | 2009              | 1        | 3         | 12         | 4         | 10         | 16         | 6          | 2         | 0        | <b>54</b>  |
|                    | 2010              | 0        | 0         | 12         | 8         | 13         | 13         | 4          | 2         | 0        | <b>52</b>  |
|                    | 2011              | 0        | 6         | 18         | 8         | 8          | 14         | 6          | 1         | 0        | <b>61</b>  |
|                    | 2012              | 0        | 4         | 6          | 4         | 14         | 17         | 6          | 3         | 2        | <b>56</b>  |
|                    | <b>TOTAL</b>      | <b>2</b> | <b>44</b> | <b>190</b> | <b>98</b> | <b>183</b> | <b>231</b> | <b>140</b> | <b>28</b> | <b>4</b> | <b>920</b> |
| <b>LIVER</b>       | 1998              | 1        | 2         | 5          | 5         | 7          | 5          | 4          | 0         | 0        | <b>29</b>  |
|                    | 1999              | 0        | 2         | 2          | 4         | 4          | 10         | 3          | 3         | 0        | <b>28</b>  |
|                    | 2000              | 0        | 1         | 8          | 4         | 5          | 11         | 4          | 1         | 0        | <b>34</b>  |
|                    | 2001              | 0        | 0         | 7          | 2         | 6          | 8          | 5          | 1         | 0        | <b>29</b>  |
|                    | 2002              | 0        | 2         | 3          | 2         | 9          | 7          | 3          | 1         | 0        | <b>27</b>  |
|                    | 2003              | 0        | 1         | 10         | 2         | 7          | 1          | 5          | 0         | 1        | <b>27</b>  |
|                    | 2004              | 1        | 0         | 9          | 4         | 1          | 5          | 11         | 1         | 1        | <b>33</b>  |
|                    | 2005              | 0        | 0         | 2          | 3         | 4          | 5          | 4          | 0         | 0        | <b>18</b>  |
|                    | 2006              | 0        | 1         | 3          | 4         | 6          | 2          | 3          | 1         | 0        | <b>20</b>  |
|                    | 2007              | 0        | 1         | 4          | 1         | 6          | 7          | 8          | 2         | 0        | <b>29</b>  |
|                    | 2008              | 0        | 1         | 3          | 2         | 5          | 5          | 3          | 2         | 0        | <b>21</b>  |
|                    | 2009              | 1        | 2         | 4          | 2         | 6          | 9          | 8          | 1         | 0        | <b>33</b>  |
|                    | 2010              | 0        | 0         | 6          | 5         | 6          | 5          | 5          | 3         | 0        | <b>30</b>  |
|                    | 2011              | 0        | 3         | 9          | 4         | 2          | 8          | 3          | 1         | 0        | <b>30</b>  |
|                    | 2012              | 0        | 1         | 1          | 2         | 6          | 7          | 4          | 2         | 1        | <b>24</b>  |
|                    | <b>TOTAL</b>      | <b>3</b> | <b>17</b> | <b>76</b>  | <b>46</b> | <b>80</b>  | <b>95</b>  | <b>73</b>  | <b>19</b> | <b>3</b> | <b>412</b> |

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**Table 11.0 Cont.**

**DONOR AGE RELATED TO TRANSPLANTED ORGANS**  
**RETRIEVED IN NEW ZEALAND 1 JAN 1998 - 31 DEC 2012**

| TRANSPLANTED ORGAN | Year of Operation | 00-04    | 05-14    | 15-24    | 25-34    | 35-44    | 45-54    | 55-64    | 65-74    | 75-84    | TOTAL     |
|--------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SPLIT LIVER (L)    | 1998              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 1999              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2000              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2001              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2002              | 0        | 1        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 3         |
|                    | 2003              | 0        | 0        | 1        | 2        | 1        | 0        | 0        | 0        | 0        | 4         |
|                    | 2004              | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 2         |
|                    | 2005              | 0        | 0        | 1        | 0        | 1        | 1        | 0        | 0        | 0        | 3         |
|                    | 2006              | 0        | 0        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 4         |
|                    | 2007              | 0        | 0        | 0        | 0        | 0        | 2        | 1        | 0        | 0        | 3         |
|                    | 2008              | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 2         |
|                    | 2009              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2010              | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 2         |
|                    | 2011              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2012              | 0        | 1        | 0        | 1        | 1        | 2        | 0        | 0        | 0        | 5         |
|                    | <b>TOTAL</b>      | <b>0</b> | <b>2</b> | <b>8</b> | <b>7</b> | <b>5</b> | <b>5</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>28</b> |
| SPLIT LIVER (R)    | 1998              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 1999              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2000              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2001              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2002              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|                    | 2003              | 0        | 0        | 1        | 1        | 1        | 0        | 0        | 0        | 0        | 3         |
|                    | 2004              | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1         |
|                    | 2005              | 0        | 0        | 1        | 0        | 0        | 1        | 0        | 0        | 0        | 2         |
|                    | 2006              | 0        | 0        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 4         |
|                    | 2007              | 0        | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 2         |
|                    | 2008              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|                    | 2009              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2010              | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 2         |
|                    | 2011              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|                    | 2012              | 0        | 1        | 0        | 1        | 0        | 1        | 0        | 0        | 0        | 3         |
|                    | <b>TOTAL</b>      | <b>0</b> | <b>1</b> | <b>7</b> | <b>5</b> | <b>2</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>19</b> |





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**Table 11.0 Cont.**

| <b>DONOR AGE RELATED TO TRANSPLANTED ORGANS</b><br><b>RETRIEVED IN NEW ZEALAND 1 JAN 1998 - 31 DEC 2012</b> |                   |          |          |           |           |           |           |           |          |          |            |
|---|-------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|------------|
| TRANSPLANTED ORGAN  | Year of Operation | 00-04    | 05-14    | 15-24     | 25-34     | 35-44     | 45-54     | 55-64     | 65-74    | 75-84    | TOTAL      |
| HEART   | 1998              | 0        | 0        | 2         | 3         | 5         | 2         | 1         | 0        | 0        | 13         |
|   | 1999              | 0        | 0        | 1         | 3         | 1         | 6         | 0         | 0        | 0        | 11         |
|   | 2000              | 0        | 0        | 4         | 4         | 2         | 3         | 0         | 0        | 0        | 13         |
|   | 2001              | 0        | 0        | 5         | 2         | 3         | 3         | 2         | 0        | 0        | 15         |
|   | 2002              | 0        | 1        | 1         | 0         | 4         | 2         | 1         | 0        | 0        | 9          |
|   | 2003              | 0        | 2        | 8         | 3         | 6         | 3         | 3         | 0        | 0        | 25         |
|   | 2004              | 0        | 0        | 3         | 1         | 1         | 0         | 1         | 0        | 0        | 6          |
|   | 2005              | 0        | 0        | 2         | 2         | 2         | 6         | 4         | 0        | 0        | 16         |
|   | 2006              | 0        | 0        | 3         | 3         | 2         | 1         | 0         | 0        | 0        | 9          |
|   | 2007              | 0        | 1        | 1         | 1         | 2         | 6         | 1         | 0        | 0        | 12         |
|   | 2008              | 0        | 0        | 3         | 1         | 2         | 2         | 2         | 0        | 0        | 10         |
|   | 2009              | 0        | 0        | 4         | 1         | 3         | 2         | 1         | 0        | 0        | 11         |
|   | 2010              | 0        | 0        | 1         | 2         | 4         | 3         | 1         | 0        | 0        | 11         |
|   | 2011              | 0        | 0        | 3         | 2         | 1         | 4         | 2         | 0        | 0        | 12         |
|   | 2012              | 0        | 2        | 0         | 0         | 7         | 3         | 0         | 0        | 0        | 12         |
|   | <b>TOTAL</b>      | <b>0</b> | <b>6</b> | <b>41</b> | <b>28</b> | <b>45</b> | <b>46</b> | <b>19</b> | <b>0</b> | <b>0</b> | <b>185</b> |
| LUNGS   | 1998              | 0        | 0        | 1         | 1         | 1         | 1         | 2         | 0        | 0        | 6          |
|   | 1999              | 0        | 0        | 0         | 0         | 2         | 4         | 1         | 0        | 0        | 7          |
|   | 2000              | 0        | 0        | 1         | 2         | 1         | 6         | 0         | 0        | 0        | 10         |
|   | 2001              | 0        | 0        | 2         | 0         | 2         | 4         | 3         | 0        | 0        | 11         |
|   | 2002              | 0        | 0        | 0         | 0         | 6         | 1         | 2         | 0        | 0        | 9          |
|   | 2003              | 0        | 1        | 4         | 2         | 7         | 0         | 0         | 0        | 0        | 14         |
|   | 2004              | 0        | 0        | 3         | 1         | 1         | 0         | 5         | 0        | 0        | 10         |
|   | 2005              | 0        | 0        | 2         | 0         | 1         | 5         | 2         | 0        | 0        | 10         |
|   | 2006              | 0        | 1        | 0         | 3         | 5         | 1         | 1         | 0        | 0        | 11         |
|   | 2007              | 0        | 0        | 1         | 0         | 3         | 7         | 2         | 0        | 0        | 13         |
|   | 2008              | 0        | 1        | 2         | 0         | 3         | 5         | 2         | 1        | 0        | 14         |
|   | 2009              | 0        | 1        | 3         | 0         | 3         | 5         | 3         | 0        | 0        | 15         |
|   | 2010              | 0        | 0        | 3         | 2         | 2         | 2         | 3         | 0        | 0        | 12         |
|   | 2011              | 0        | 0        | 6         | 0         | 0         | 4         | 3         | 0        | 0        | 13         |
|   | 2012              | 0        | 1        | 1         | 2         | 3         | 6         | 0         | 1        | 0        | 14         |
|   | <b>TOTAL</b>      | <b>0</b> | <b>5</b> | <b>29</b> | <b>13</b> | <b>40</b> | <b>51</b> | <b>29</b> | <b>2</b> | <b>0</b> | <b>169</b> |

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**Table 11.0 Cont.**

| <b>DONOR AGE RELATED TO TRANSPLANTED ORGANS</b><br><b>RETRIEVED IN NEW ZEALAND 1 JAN 1998 - 31 DEC 2012</b> |                   |          |          |          |          |          |          |          |          |          |           |
|---|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| TRANSPLANTED ORGAN  | Year of Operation | 00-04    | 05-14    | 15-24    | 25-34    | 35-44    | 45-54    | 55-64    | 65-74    | 75-84    | TOTAL     |
| LUNG (L)  | 1998              | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1         |
|   | 1999              | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1         |
|   | 2000              | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 2         |
|   | 2001              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|   | 2002              | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1         |
|   | 2003              | 0        | 0        | 1        | 1        | 1        | 0        | 2        | 0        | 0        | 5         |
|   | 2004              | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1         |
|   | 2005              | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 1         |
|   | 2006              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|   | 2007              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2008              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2009              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|   | 2010              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2011              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2012              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | <b>TOTAL</b>      | <b>0</b> | <b>0</b> | <b>4</b> | <b>1</b> | <b>4</b> | <b>3</b> | <b>3</b> | <b>0</b> | <b>0</b> | <b>15</b> |
| LUNG (R)  | 1998              | 0        | 0        | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 2         |
|   | 1999              | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 1         |
|   | 2000              | 0        | 0        | 1        | 0        | 1        | 2        | 0        | 0        | 0        | 4         |
|   | 2001              | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
|   | 2002              | 0        | 0        | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 2         |
|   | 2003              | 0        | 0        | 0        | 1        | 1        | 0        | 2        | 0        | 0        | 4         |
|   | 2004              | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1         |
|   | 2005              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2006              | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 1         |
|   | 2007              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2008              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2009              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2010              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2011              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | 2012              | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
|   | <b>TOTAL</b>      | <b>0</b> | <b>0</b> | <b>2</b> | <b>1</b> | <b>5</b> | <b>4</b> | <b>4</b> | <b>0</b> | <b>0</b> | <b>16</b> |



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**Table 11.0 Cont.**

| <b>DONOR AGE RELATED TO TRANSPLANTED ORGANS</b><br><b>RETRIEVED IN NEW ZEALAND 1 JAN 1998 - 31 DEC 2012</b> |                   |       |       |       |       |       |       |       |       |       |       |
|---|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TRANSPLANTED ORGAN  | Year of Operation | 00-04 | 05-14 | 15-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | TOTAL |
| PANCREAS  | 1998              | 0     | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 1     |
|   | 1999              | 0     | 0     | 0     | 0     | 2     | 0     | 0     | 0     | 0     | 2     |
|   | 2000              | 0     | 0     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 3     |
|   | 2001              | 0     | 0     | 1     | 0     | 2     | 0     | 0     | 0     | 0     | 3     |
|   | 2002              | 0     | 0     | 1     | 0     | 0     | 1     | 0     | 0     | 0     | 2     |
|   | 2003              | 0     | 0     | 3     | 2     | 1     | 0     | 0     | 0     | 0     | 6     |
|   | 2004              | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0     | 2     |
|   | 2005              | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 2     |
|   | 2006              | 0     | 0     | 3     | 2     | 1     | 0     | 0     | 0     | 0     | 6     |
|   | 2007              | 0     | 0     | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 1     |
|   | 2008              | 0     | 1     | 3     | 0     | 0     | 0     | 0     | 0     | 0     | 4     |
|   | 2009              | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 2     |
|   | 2010              | 0     | 0     | 1     | 1     | 1     | 0     | 0     | 0     | 0     | 3     |
|   | 2011              | 0     | 0     | 2     | 1     | 0     | 0     | 0     | 0     | 0     | 3     |
|   | 2012              | 0     | 1     | 0     | 1     | 1     | 0     | 0     | 0     | 0     | 3     |
|   | TOTAL             | 0     | 3     | 19    | 9     | 11    | 1     | 0     | 0     | 0     | 43    |
| ALL TRANSPLANTED ORGAN  | OVERALL TOTAL     | 5     | 78    | 376   | 208   | 375   | 439   | 270   | 49    | 7     | 1807  |

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**Table 12.0**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN NEW ZEALAND 1993 - 2012

| ORGANS          | OUTCOME      | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL       |
|-----------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|
| KIDNEYS         | Transplanted | 64        | 67        | 70        | 71        | 83        | 79        | 72        | 75        | 67        | 69        | 67        | 58        | 51        | 41        | 65        | 53        | 54        | 52        | 61        | 56        | 1275        |
|                 | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | En Bloc      | 0         | 1         | 0         | 0         | 0         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 5           |
|                 | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 4         | 0         | 0         | 0         | 0         | 0         | 4         | 4         | 0         | 13          |
|                 | Unusable     | 2         | 0         | 0         | 0         | 1         | 4         | 4         | 3         | 0         | 0         | 5         | 0         | 2         | 0         | 2         | 6         | 17        | 4         | 0         | 1         | 51          |
|                 | Not Used     | 2         | 0         | 0         | 1         | 0         | 3         | 1         | 4         | 1         | 1         | 1         | 3         | 2         | 1         | 1         | 0         | 0         | 2         | 1         | 0         | 24          |
|                 | <b>TOTAL</b> | <b>68</b> | <b>68</b> | <b>70</b> | <b>72</b> | <b>84</b> | <b>87</b> | <b>78</b> | <b>82</b> | <b>68</b> | <b>70</b> | <b>74</b> | <b>65</b> | <b>55</b> | <b>42</b> | <b>68</b> | <b>59</b> | <b>73</b> | <b>62</b> | <b>66</b> | <b>57</b> | <b>1368</b> |
| LIVER           | Transplanted | 15        | 19        | 20        | 21        | 22        | 29        | 28        | 34        | 29        | 27        | 27        | 33        | 18        | 20        | 29        | 21        | 33        | 30        | 30        | 24        | 509         |
|                 | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Unusable     | 1         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 3         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 7           |
|                 | Not Used     | 0         | 0         | 0         | 0         | 0         | 3         | 2         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 10          |
|                 | <b>TOTAL</b> | <b>16</b> | <b>20</b> | <b>21</b> | <b>21</b> | <b>22</b> | <b>32</b> | <b>30</b> | <b>36</b> | <b>30</b> | <b>28</b> | <b>30</b> | <b>33</b> | <b>19</b> | <b>20</b> | <b>29</b> | <b>21</b> | <b>33</b> | <b>30</b> | <b>30</b> | <b>25</b> | <b>526</b>  |
| SPLIT LIVER (L) | Transplanted | 1         | 2         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 3         | 4         | 2         | 3         | 4         | 3         | 2         | 0         | 2         | 0         | 5         | 33          |
|                 | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Not Used     | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1           |
|                 | <b>TOTAL</b> | <b>1</b>  | <b>2</b>  | <b>1</b>  | <b>2</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>3</b>  | <b>4</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>3</b>  | <b>2</b>  | <b>0</b>  | <b>2</b>  | <b>0</b>  | <b>5</b>  | <b>34</b>   |
| SPLIT LIVER (R) | Transplanted | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 3         | 1         | 2         | 4         | 2         | 1         | 0         | 2         | 0         | 3         | 20          |
|                 | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Research     | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2           |
|                 | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Not Used     | 1         | 1         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 2         | 1         | 0         | 1         | 0         | 1         | 1         | 0         | 0         | 0         | 2         | 12          |
|                 | <b>TOTAL</b> | <b>1</b>  | <b>2</b>  | <b>1</b>  | <b>2</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>3</b>  | <b>4</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>3</b>  | <b>2</b>  | <b>0</b>  | <b>2</b>  | <b>0</b>  | <b>5</b>  | <b>34</b>   |
| HEART           | Transplanted | 8         | 10        | 12        | 14        | 15        | 13        | 11        | 13        | 15        | 9         | 25        | 6         | 16        | 9         | 12        | 10        | 11        | 11        | 12        | 12        | 244         |
|                 | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0           |
|                 | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1           |
|                 | <b>TOTAL</b> | <b>8</b>  | <b>10</b> | <b>12</b> | <b>14</b> | <b>15</b> | <b>13</b> | <b>11</b> | <b>13</b> | <b>15</b> | <b>9</b>  | <b>25</b> | <b>7</b>  | <b>16</b> | <b>9</b>  | <b>12</b> | <b>10</b> | <b>11</b> | <b>11</b> | <b>12</b> | <b>12</b> | <b>245</b>  |

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**Table 12.0 Cont.**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN NEW ZEALAND 1993 - 2012

| ORGANS      | OUTCOME      | 93       | 94       | 95       | 96       | 97       | 98       | 99       | 00        | 01        | 02       | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|-------------|--------------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| HEART-LUNGS | Transplanted | 0        | 0        | 0        | 0        | 1        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1          |
|             | Stored       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Research     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | En Bloc      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Double Adult | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Unusable     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Not Used     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | <b>TOTAL</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>1</b>   |
| LUNGS       | Transplanted | 0        | 1        | 6        | 7        | 1        | 6        | 7        | 10        | 11        | 9        | 14        | 10        | 10        | 11        | 13        | 14        | 15        | 12        | 13        | 14        | 184        |
|             | Stored       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Research     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | En Bloc      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Double Adult | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Unusable     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Not Used     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | <b>TOTAL</b> | <b>0</b> | <b>1</b> | <b>6</b> | <b>7</b> | <b>1</b> | <b>6</b> | <b>7</b> | <b>10</b> | <b>11</b> | <b>9</b> | <b>14</b> | <b>10</b> | <b>10</b> | <b>11</b> | <b>13</b> | <b>14</b> | <b>15</b> | <b>12</b> | <b>13</b> | <b>14</b> | <b>184</b> |
| LUNG (L)    | Transplanted | 0        | 1        | 1        | 3        | 1        | 1        | 1        | 2         | 1         | 1        | 5         | 1         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 21         |
|             | Stored       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Research     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | En Bloc      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Double Adult | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Unusable     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Not Used     | 1        | 2        | 1        | 0        | 2        | 1        | 0        | 2         | 0         | 2        | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 12         |
|             | <b>TOTAL</b> | <b>1</b> | <b>3</b> | <b>2</b> | <b>3</b> | <b>3</b> | <b>2</b> | <b>1</b> | <b>4</b>  | <b>1</b>  | <b>3</b> | <b>5</b>  | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>33</b>  |
| LUNG (R)    | Transplanted | 1        | 3        | 1        | 1        | 2        | 2        | 1        | 4         | 1         | 2        | 4         | 1         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 24         |
|             | Stored       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Research     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | En Bloc      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Double Adult | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Unusable     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|             | Not Used     | 0        | 0        | 1        | 2        | 1        | 0        | 0        | 0         | 0         | 1        | 0         | 0         | 1         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 8          |
|             | <b>TOTAL</b> | <b>1</b> | <b>3</b> | <b>2</b> | <b>3</b> | <b>3</b> | <b>2</b> | <b>1</b> | <b>4</b>  | <b>1</b>  | <b>3</b> | <b>4</b>  | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>32</b>  |

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**Table 12.0 Cont.**

## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN NEW ZEALAND 1993 - 2012

| ORGANS       | OUTCOME      | 93        | 94        | 95        | 96        | 97        | 98        | 99        | 00        | 01        | 02        | 03        | 04        | 05        | 06        | 07        | 08        | 09        | 10        | 11        | 12        | TOTAL      |
|--------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| PANCREAS     | Transplanted | 0         | 0         | 0         | 0         | 0         | 1         | 2         | 3         | 3         | 2         | 6         | 2         | 2         | 6         | 1         | 4         | 2         | 3         | 3         | 3         | 43         |
|              | Stored       | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Research     | 1         | 0         | 4         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 9          |
|              | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 1          |
|              | <b>TOTAL</b> | <b>1</b>  | <b>0</b>  | <b>4</b>  | <b>2</b>  | <b>1</b>  | <b>2</b>  | <b>2</b>  | <b>3</b>  | <b>3</b>  | <b>2</b>  | <b>6</b>  | <b>2</b>  | <b>2</b>  | <b>6</b>  | <b>1</b>  | <b>4</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>3</b>  | <b>53</b>  |
| EYE-CORNEA   | Transplanted | 1         | 2         | 0         | 0         | 2         | 1         | 0         | 0         | 0         | 0         | 2         | 2         | 0         | 2         | 0         | 0         | 0         | 2         | 0         | 0         | 14         |
|              | Stored       | 29        | 30        | 30        | 22        | 29        | 25        | 16        | 22        | 25        | 29        | 35        | 32        | 24        | 14        | 40        | 30        | 26        | 36        | 32        | 30        | 556        |
|              | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Unusable     | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 2         | 0         | 0         | 0         | 0         | 0         | 0         | 4          |
|              | Not Used     | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 2          |
|              | <b>TOTAL</b> | <b>32</b> | <b>32</b> | <b>30</b> | <b>22</b> | <b>31</b> | <b>26</b> | <b>16</b> | <b>23</b> | <b>26</b> | <b>29</b> | <b>37</b> | <b>34</b> | <b>24</b> | <b>18</b> | <b>40</b> | <b>30</b> | <b>26</b> | <b>38</b> | <b>32</b> | <b>30</b> | <b>576</b> |
| BONE         | Transplanted | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Stored       | 3         | 6         | 7         | 6         | 6         | 2         | 0         | 2         | 0         | 2         | 2         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 37         |
|              | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Unusable     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | <b>TOTAL</b> | <b>3</b>  | <b>6</b>  | <b>7</b>  | <b>6</b>  | <b>6</b>  | <b>2</b>  | <b>0</b>  | <b>2</b>  | <b>0</b>  | <b>2</b>  | <b>2</b>  | <b>0</b>  | <b>1</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>37</b>  |
| HEART VALVES | Transplanted | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Stored       | 16        | 11        | 11        | 16        | 17        | 18        | 19        | 19        | 13        | 20        | 9         | 21        | 5         | 6         | 14        | 8         | 7         | 7         | 11        | 9         | 257        |
|              | Research     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | En Bloc      | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Double Adult | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | Unusable     | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1         | 0         | 0         | 1         | 0         | 0         | 0         | 3          |
|              | Not Used     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
|              | <b>TOTAL</b> | <b>16</b> | <b>11</b> | <b>11</b> | <b>16</b> | <b>18</b> | <b>18</b> | <b>19</b> | <b>19</b> | <b>13</b> | <b>20</b> | <b>9</b>  | <b>21</b> | <b>5</b>  | <b>7</b>  | <b>14</b> | <b>8</b>  | <b>8</b>  | <b>7</b>  | <b>11</b> | <b>9</b>  | <b>260</b> |

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**Table 13.0**

## TRANSPLANTED SOLID ORGANS 1 JAN 1993 - 31 DEC 2012

### DONOR STATE TO DESTINATION STATE

| ORGANS TRANSPLANTED | DONOR STATE  | QLD         | NSW         | VIC         | SA          | WA         | AUS         | NZ*         |
|---------------------|--------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|
| KIDNEYS             | QLD          | 1357        | 137         | 55          | 26          | 19         | 1594        | 0           |
|                     | NSW          | 101         | 1825        | 159         | 69          | 47         | 2201        | 0           |
|                     | ACT          | 9           | 178         | 12          | 6           | 7          | 212         | 0           |
|                     | VIC          | 49          | 150         | 1643        | 49          | 31         | 1922        | 0           |
|                     | TAS          | 7           | 15          | 141         | 7           | 2          | 172         | 0           |
|                     | SA           | 21          | 123         | 40          | 808         | 17         | 1009        | 0           |
|                     | NT           | 2           | 9           | 1           | 87          | 1          | 100         | 0           |
|                     | WA           | 19          | 103         | 28          | 22          | 560        | 732         | 1255        |
|                     | <b>TOTAL</b> | <b>1565</b> | <b>2540</b> | <b>2079</b> | <b>1074</b> | <b>684</b> | <b>7942</b> | <b>1255</b> |
| LIVER               | QLD          | 390         | 48          | 33          | 9           | 13         | 493         | 17          |
|                     | NSW          | 66          | 568         | 45          | 15          | 15         | 709         | 23          |
|                     | ACT          | 7           | 60          | 5           | 1           | 0          | 73          | 1           |
|                     | VIC          | 38          | 61          | 450         | 20          | 19         | 588         | 28          |
|                     | TAS          | 9           | 6           | 44          | 0           | 1          | 60          | 2           |
|                     | SA           | 51          | 62          | 34          | 186         | 36         | 369         | 18          |
|                     | NT           | 10          | 3           | 9           | 9           | 2          | 33          | 0           |
|                     | WA           | 90          | 82          | 62          | 8           | 200        | 442         | 345         |
|                     | <b>TOTAL</b> | <b>661</b>  | <b>890</b>  | <b>682</b>  | <b>248</b>  | <b>286</b> | <b>2767</b> | <b>434</b>  |
| SPLIT LIVER (L)     | QLD          | 79          | 6           | 8           | 0           | 0          | 93          | 4           |
|                     | NSW          | 6           | 67          | 5           | 0           | 0          | 78          | 1           |
|                     | ACT          | 1           | 9           | 1           | 0           | 0          | 11          | 0           |
|                     | VIC          | 1           | 3           | 17          | 0           | 0          | 21          | 1           |
|                     | TAS          | 0           | 0           | 4           | 0           | 0          | 4           | 1           |
|                     | SA           | 6           | 4           | 2           | 0           | 0          | 12          | 0           |
|                     | NT           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | WA           | 5           | 7           | 5           | 0           | 2          | 19          | 18          |
|                     | <b>TOTAL</b> | <b>98</b>   | <b>96</b>   | <b>42</b>   | <b>0</b>    | <b>2</b>   | <b>238</b>  | <b>25</b>   |
| SPLIT LIVER (R)     | QLD          | 64          | 1           | 1           | 3           | 1          | 70          | 2           |
|                     | NSW          | 2           | 66          | 1           | 0           | 0          | 69          | 0           |
|                     | ACT          | 1           | 8           | 0           | 0           | 0          | 9           | 0           |
|                     | VIC          | 1           | 6           | 9           | 1           | 2          | 19          | 1           |
|                     | TAS          | 1           | 1           | 2           | 0           | 0          | 4           | 0           |
|                     | SA           | 1           | 1           | 0           | 6           | 0          | 8           | 0           |
|                     | NT           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | WA           | 3           | 4           | 2           | 0           | 2          | 11          | 11          |
|                     | <b>TOTAL</b> | <b>73</b>   | <b>87</b>   | <b>15</b>   | <b>10</b>   | <b>5</b>   | <b>190</b>  | <b>14</b>   |
| HEPATOCYTES         | QLD          | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | NSW          | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | ACT          | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | VIC          | 0           | 0           | 1           | 0           | 0          | 1           | 0           |
|                     | TAS          | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | SA           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | NT           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | WA           | 0           | 0           | 0           | 0           | 0          | 0           | 0           |
|                     | <b>TOTAL</b> | <b>0</b>    | <b>0</b>    | <b>1</b>    | <b>0</b>    | <b>0</b>   | <b>1</b>    | <b>0</b>    |

\* Data Collection for New Zealand is complete from 1993 onwards

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**Table 13.0 Cont.**

## TRANSPLANTED SOLID ORGANS 1 JAN 1993 - 31 DEC 2012

### DONOR STATE TO DESTINATION STATE

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | VIC        | SA       | WA         | AUS         | NZ*        |
|---------------------|--------------|------------|------------|------------|----------|------------|-------------|------------|
| HEART               | QLD          | 210        | 60         | 60         | 0        | 0          | 330         | 0          |
|                     | NSW          | 20         | 319        | 36         | 0        | 0          | 375         | 1          |
|                     | ACT          | 3          | 33         | 6          | 0        | 0          | 42          | 0          |
|                     | VIC          | 10         | 24         | 308        | 0        | 0          | 342         | 0          |
|                     | TAS          | 3          | 0          | 37         | 0        | 0          | 40          | 0          |
|                     | SA           | 27         | 50         | 71         | 0        | 26         | 174         | 0          |
|                     | NT           | 2          | 2          | 8          | 0        | 4          | 16          | 0          |
|                     | WA           | 8          | 26         | 27         | 0        | 112        | 173         | 216        |
|                     | <b>TOTAL</b> | <b>283</b> | <b>514</b> | <b>553</b> | <b>0</b> | <b>142</b> | <b>1492</b> | <b>217</b> |
| HEART-LUNGS         | QLD          | 15         | 2          | 4          | 0        | 0          | 21          | 0          |
|                     | NSW          | 0          | 37         | 7          | 0        | 0          | 44          | 0          |
|                     | ACT          | 0          | 3          | 0          | 0        | 0          | 3           | 0          |
|                     | VIC          | 1          | 2          | 14         | 0        | 0          | 17          | 0          |
|                     | TAS          | 0          | 0          | 4          | 0        | 0          | 4           | 0          |
|                     | SA           | 4          | 4          | 5          | 0        | 0          | 13          | 0          |
|                     | NT           | 0          | 0          | 0          | 0        | 0          | 0           | 0          |
|                     | WA           | 1          | 2          | 5          | 0        | 5          | 13          | 0          |
|                     | <b>TOTAL</b> | <b>21</b>  | <b>50</b>  | <b>39</b>  | <b>0</b> | <b>5</b>   | <b>115</b>  | <b>0</b>   |
| LUNGS               | QLD          | 127        | 61         | 55         | 0        | 0          | 243         | 0          |
|                     | NSW          | 15         | 335        | 41         | 0        | 0          | 391         | 0          |
|                     | ACT          | 1          | 35         | 7          | 0        | 0          | 43          | 0          |
|                     | VIC          | 6          | 16         | 365        | 0        | 1          | 388         | 0          |
|                     | TAS          | 0          | 1          | 36         | 0        | 0          | 37          | 0          |
|                     | SA           | 27         | 65         | 69         | 0        | 8          | 169         | 0          |
|                     | NT           | 4          | 5          | 11         | 0        | 1          | 21          | 0          |
|                     | WA           | 20         | 41         | 42         | 0        | 43         | 146         | 139        |
|                     | <b>TOTAL</b> | <b>200</b> | <b>559</b> | <b>626</b> | <b>0</b> | <b>53</b>  | <b>1438</b> | <b>139</b> |
| LUNG (L)            | QLD          | 7          | 10         | 12         | 0        | 0          | 29          | 0          |
|                     | NSW          | 0          | 35         | 9          | 0        | 0          | 44          | 0          |
|                     | ACT          | 0          | 1          | 1          | 0        | 0          | 2           | 0          |
|                     | VIC          | 0          | 3          | 59         | 0        | 0          | 62          | 0          |
|                     | TAS          | 0          | 0          | 7          | 0        | 0          | 7           | 0          |
|                     | SA           | 0          | 6          | 11         | 0        | 0          | 17          | 0          |
|                     | NT           | 0          | 2          | 1          | 0        | 0          | 3           | 0          |
|                     | WA           | 1          | 5          | 14         | 0        | 10         | 30          | 11         |
|                     | <b>TOTAL</b> | <b>8</b>   | <b>62</b>  | <b>114</b> | <b>0</b> | <b>10</b>  | <b>194</b>  | <b>11</b>  |
| LUNG (R)            | QLD          | 9          | 8          | 21         | 0        | 0          | 38          | 0          |
|                     | NSW          | 1          | 32         | 12         | 0        | 0          | 45          | 0          |
|                     | ACT          | 0          | 3          | 1          | 0        | 0          | 4           | 0          |
|                     | VIC          | 0          | 0          | 54         | 0        | 0          | 54          | 0          |
|                     | TAS          | 0          | 1          | 4          | 0        | 0          | 5           | 0          |
|                     | SA           | 2          | 3          | 15         | 0        | 0          | 20          | 0          |
|                     | NT           | 0          | 0          | 2          | 0        | 0          | 2           | 0          |
|                     | WA           | 1          | 3          | 15         | 0        | 8          | 27          | 14         |
|                     | <b>TOTAL</b> | <b>13</b>  | <b>50</b>  | <b>124</b> | <b>0</b> | <b>8</b>   | <b>195</b>  | <b>14</b>  |

\* Data Collection for New Zealand is complete from 1993 onwards



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**Table 13.0 Cont.**

## TRANSPLANTED SOLID ORGANS 1 JAN 1993 - 31 DEC 2012

### DONOR STATE TO DESTINATION STATE

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | VIC        | SA        | WA        | AUS        | NZ*       |
|---------------------|--------------|------------|------------|------------|-----------|-----------|------------|-----------|
| PANCREAS            | QLD          | 0          | 43         | 0          | 0         | 0         | 43         | 0         |
|                     | NSW          | 0          | 184        | 8          | 0         | 0         | 192        | 0         |
|                     | ACT          | 0          | 20         | 0          | 0         | 0         | 20         | 0         |
|                     | VIC          | 0          | 21         | 118        | 0         | 0         | 139        | 0         |
|                     | TAS          | 0          | 4          | 21         | 0         | 0         | 25         | 0         |
|                     | SA           | 0          | 47         | 1          | 0         | 0         | 48         | 0         |
|                     | NT           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | WA           | 0          | 22         | 0          | 0         | 0         | 22         | 43        |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>341</b> | <b>148</b> | <b>0</b>  | <b>0</b>  | <b>489</b> | <b>43</b> |
| PANCREATIC ISLETS   | QLD          | 0          | 4          | 0          | 0         | 0         | 4          | 0         |
|                     | NSW          | 0          | 27         | 0          | 0         | 0         | 27         | 0         |
|                     | ACT          | 0          | 2          | 0          | 0         | 0         | 2          | 0         |
|                     | VIC          | 0          | 7          | 9          | 2         | 0         | 18         | 0         |
|                     | TAS          | 0          | 0          | 1          | 2         | 0         | 3          | 0         |
|                     | SA           | 0          | 4          | 5          | 3         | 0         | 12         | 0         |
|                     | NT           | 0          | 0          | 1          | 0         | 0         | 1          | 0         |
|                     | WA           | 0          | 1          | 0          | 0         | 0         | 1          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>45</b>  | <b>16</b>  | <b>7</b>  | <b>0</b>  | <b>68</b>  | <b>0</b>  |
| INTESTINES          | QLD          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NSW          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | ACT          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | VIC          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | TAS          | 0          | 0          | 2          | 0         | 0         | 2          | 0         |
|                     | SA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NT           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | WA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>  | <b>0</b>  | <b>2</b>   | <b>0</b>  |
| KIDNEYS             | QLD          | 116        | 13         | 3          | 2         | 0         | 134        | 0         |
|                     | NSW          | 5          | 124        | 7          | 4         | 6         | 146        | 0         |
|                     | ACT          | 0          | 18         | 0          | 0         | 0         | 18         | 0         |
|                     | VIC          | 3          | 5          | 144        | 1         | 3         | 156        | 0         |
|                     | TAS          | 0          | 1          | 24         | 0         | 0         | 25         | 0         |
|                     | SA           | 3          | 5          | 0          | 44        | 1         | 53         | 0         |
|                     | NT           | 0          | 1          | 0          | 14        | 1         | 16         | 0         |
|                     | WA           | 2          | 6          | 3          | 0         | 47        | 58         | 56        |
|                     | <b>TOTAL</b> | <b>129</b> | <b>173</b> | <b>181</b> | <b>65</b> | <b>58</b> | <b>606</b> | <b>56</b> |

\* Data Collection for New Zealand is complete from 1993 onwards

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**Table 13.0 Cont.**

## TRANSPLANTED SOLID ORGANS 1 JAN 2012 - 31 DEC 2012

### DONOR STATE TO DESTINATION STATE

| ORGANS TRANSPLANTED | DONOR STATE  | QLD       | NSW       | VIC       | SA        | WA        | AUS        | NZ*       |
|---------------------|--------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| LIVER               | QLD          | 33        | 3         | 0         | 0         | 0         | 36         | 1         |
|                     | NSW          | 1         | 33        | 3         | 0         | 1         | 38         | 3         |
|                     | ACT          | 0         | 6         | 0         | 0         | 0         | 6          | 0         |
|                     | VIC          | 2         | 4         | 40        | 0         | 1         | 47         | 3         |
|                     | TAS          | 0         | 0         | 10        | 0         | 0         | 10         | 0         |
|                     | SA           | 0         | 1         | 0         | 17        | 1         | 19         | 0         |
|                     | NT           | 1         | 0         | 0         | 3         | 2         | 6          | 0         |
|                     | WA           | 0         | 4         | 2         | 0         | 16        | 22         | 22        |
|                     | <b>TOTAL</b> | <b>37</b> | <b>51</b> | <b>55</b> | <b>20</b> | <b>21</b> | <b>184</b> | <b>29</b> |
| SPLIT LIVER (L)     | QLD          | 4         | 2         | 1         | 0         | 0         | 7          | 1         |
|                     | NSW          | 0         | 9         | 0         | 0         | 0         | 9          | 0         |
|                     | ACT          | 0         | 1         | 0         | 0         | 0         | 1          | 0         |
|                     | VIC          | 0         | 0         | 2         | 0         | 0         | 2          | 0         |
|                     | TAS          | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
|                     | SA           | 2         | 0         | 0         | 0         | 0         | 2          | 0         |
|                     | NT           | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 2         | 0         | 0         | 2          | 3         |
|                     | <b>TOTAL</b> | <b>6</b>  | <b>12</b> | <b>5</b>  | <b>0</b>  | <b>0</b>  | <b>23</b>  | <b>4</b>  |
| SPLIT LIVER (R)     | QLD          | 7         | 0         | 0         | 0         | 0         | 7          | 0         |
|                     | NSW          | 0         | 6         | 1         | 0         | 0         | 7          | 0         |
|                     | ACT          | 0         | 1         | 0         | 0         | 0         | 1          | 0         |
|                     | VIC          | 0         | 1         | 1         | 0         | 0         | 2          | 0         |
|                     | TAS          | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
|                     | SA           | 0         | 1         | 0         | 1         | 0         | 2          | 0         |
|                     | NT           | 0         | 0         | 0         | 0         | 0         | 0          | 0         |
|                     | WA           | 0         | 1         | 0         | 0         | 0         | 1          | 2         |
|                     | <b>TOTAL</b> | <b>7</b>  | <b>10</b> | <b>2</b>  | <b>1</b>  | <b>0</b>  | <b>20</b>  | <b>2</b>  |
| HEART               | QLD          | 10        | 3         | 4         | 0         | 0         | 17         | 0         |
|                     | NSW          | 0         | 13        | 3         | 0         | 0         | 16         | 0         |
|                     | ACT          | 0         | 2         | 0         | 0         | 0         | 2          | 0         |
|                     | VIC          | 1         | 3         | 9         | 0         | 0         | 13         | 0         |
|                     | TAS          | 1         | 0         | 3         | 0         | 0         | 4          | 0         |
|                     | SA           | 0         | 2         | 3         | 0         | 3         | 8          | 0         |
|                     | NT           | 0         | 1         | 0         | 0         | 1         | 2          | 0         |
|                     | WA           | 0         | 1         | 0         | 0         | 9         | 10         | 12        |
|                     | <b>TOTAL</b> | <b>12</b> | <b>25</b> | <b>22</b> | <b>0</b>  | <b>13</b> | <b>72</b>  | <b>12</b> |



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**Table 13.0 Cont.**

## TRANSPLANTED SOLID ORGANS 1 JAN 2012 - 31 DEC 2012

### DONOR STATE TO DESTINATION STATE

| ORGANS TRANSPLANTED | DONOR STATE  | QLD       | NSW       | VIC       | SA       | WA        | AUS        | NZ*       |
|---------------------|--------------|-----------|-----------|-----------|----------|-----------|------------|-----------|
| HEART-LUNGS         | QLD          | 1         | 1         | 0         | 0        | 0         | 2          | 0         |
|                     | NSW          | 0         | 2         | 0         | 0        | 0         | 2          | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | SA           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>1</b>  | <b>3</b>  | <b>0</b>  | <b>0</b> | <b>0</b>  | <b>4</b>   | <b>0</b>  |
| LUNGS               | QLD          | 17        | 4         | 4         | 0        | 0         | 25         | 0         |
|                     | NSW          | 2         | 27        | 2         | 0        | 0         | 31         | 0         |
|                     | ACT          | 0         | 3         | 0         | 0        | 0         | 3          | 0         |
|                     | VIC          | 1         | 3         | 38        | 0        | 0         | 42         | 0         |
|                     | TAS          | 0         | 0         | 10        | 0        | 0         | 10         | 0         |
|                     | SA           | 4         | 6         | 2         | 0        | 2         | 14         | 0         |
|                     | NT           | 1         | 2         | 1         | 0        | 1         | 5          | 0         |
|                     | WA           | 0         | 2         | 0         | 0        | 9         | 11         | 13        |
|                     | <b>TOTAL</b> | <b>25</b> | <b>47</b> | <b>57</b> | <b>0</b> | <b>12</b> | <b>141</b> | <b>13</b> |
| LUNG (L)            | QLD          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NSW          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | TAS          | 0         | 0         | 1         | 0        | 0         | 1          | 0         |
|                     | SA           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 1         | 1          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b> | <b>1</b>  | <b>2</b>   | <b>0</b>  |
| LUNG (R)            | QLD          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | NSW          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | ACT          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | VIC          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | TAS          | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | SA           | 0         | 0         | 1         | 0        | 0         | 1          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 0         | 0         | 0        | 1         | 1          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>0</b>  | <b>1</b>  | <b>0</b> | <b>1</b>  | <b>2</b>   | <b>0</b>  |
| PANCREAS            | QLD          | 0         | 4         | 0         | 0        | 0         | 4          | 0         |
|                     | NSW          | 0         | 12        | 2         | 0        | 0         | 14         | 0         |
|                     | ACT          | 0         | 1         | 0         | 0        | 0         | 1          | 0         |
|                     | VIC          | 0         | 2         | 6         | 0        | 0         | 8          | 0         |
|                     | TAS          | 0         | 1         | 2         | 0        | 0         | 3          | 0         |
|                     | SA           | 0         | 5         | 0         | 0        | 0         | 5          | 0         |
|                     | NT           | 0         | 0         | 0         | 0        | 0         | 0          | 0         |
|                     | WA           | 0         | 3         | 0         | 0        | 0         | 3          | 3         |
|                     | <b>TOTAL</b> | <b>0</b>  | <b>28</b> | <b>10</b> | <b>0</b> | <b>0</b>  | <b>38</b>  | <b>3</b>  |

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**Table 14.0**

## TRANSPLANTED SOLID ORGANS IN NEW ZEALAND 1993 - 2012

### ORGANS DONATED FROM NEW ZEALAND OR AUSTRALIA

| ORGANS TRANSPLANTED | 93        | 94        | 95        | 96        | 97        | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05        | 06        | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|---------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|------------|------------|------------|------------|------------|------------|-------------|
| KIDNEYS             | 64        | 63        | 70        | 70        | 81        | 75         | 70         | 75         | 67         | 69         | 67         | 57         | 47        | 41        | 65         | 53         | 54         | 50         | 61         | 56         | 1255        |
| LIVER               | 0         | 0         | 0         | 0         | 0         | 13         | 27         | 33         | 36         | 35         | 33         | 34         | 20        | 26        | 26         | 26         | 30         | 31         | 35         | 29         | 434         |
| SPLIT LIVER (L)     | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 2          | 3          | 2          | 3         | 2         | 2          | 2          | 0          | 4          | 1          | 4          | 25          |
| SPLIT LIVER (R)     | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 1         | 4         | 2          | 3          | 1          | 0          | 0          | 2          | 14          |
| HEART               | 8         | 10        | 7         | 13        | 14        | 10         | 10         | 13         | 15         | 8          | 22         | 4          | 13        | 8         | 9          | 8          | 11         | 11         | 11         | 12         | 217         |
| LUNGS               | 0         | 1         | 2         | 6         | 1         | 2          | 7          | 10         | 9          | 5          | 10         | 9          | 8         | 9         | 9          | 12         | 7          | 9          | 10         | 13         | 139         |
| LUNG (L)            | 0         | 0         | 1         | 2         | 1         | 1          | 0          | 0          | 1          | 1          | 2          | 0          | 0         | 1         | 0          | 0          | 1          | 0          | 0          | 0          | 11          |
| LUNG (R)            | 1         | 2         | 0         | 0         | 2         | 2          | 0          | 2          | 1          | 2          | 2          | 0          | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 14          |
| PANCREAS            | 0         | 0         | 0         | 0         | 0         | 1          | 2          | 3          | 3          | 2          | 6          | 2          | 2         | 6         | 1          | 4          | 2          | 3          | 3          | 3          | 43          |
| <b>TOTAL</b>        | <b>73</b> | <b>76</b> | <b>80</b> | <b>91</b> | <b>99</b> | <b>104</b> | <b>116</b> | <b>136</b> | <b>132</b> | <b>124</b> | <b>146</b> | <b>108</b> | <b>94</b> | <b>97</b> | <b>114</b> | <b>108</b> | <b>106</b> | <b>108</b> | <b>121</b> | <b>119</b> | <b>2152</b> |

**Table 15.0**

## TRANSPLANTED SOLID ORGANS FROM NEW ZEALAND DONORS 1993 - 2012

### ORGANS TRANSPLANTED IN NEW ZEALAND OR AUSTRALIA

| ORGANS TRANSPLANTED | 93        | 94         | 95         | 96         | 97         | 98         | 99         | 00         | 01         | 02         | 03         | 04         | 05         | 06        | 07         | 08         | 09         | 10         | 11         | 12         | TOTAL       |
|---------------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|-------------|
| KIDNEYS             | 64        | 67         | 70         | 71         | 83         | 79         | 72         | 75         | 67         | 69         | 67         | 58         | 51         | 41        | 65         | 53         | 54         | 52         | 61         | 56         | 1275        |
| LIVER               | 15        | 19         | 20         | 21         | 22         | 29         | 28         | 34         | 29         | 27         | 27         | 33         | 18         | 20        | 29         | 21         | 33         | 30         | 30         | 24         | 509         |
| SPLIT LIVER (L)     | 1         | 2          | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 3          | 4          | 2          | 3          | 4         | 3          | 2          | 0          | 2          | 0          | 5          | 33          |
| SPLIT LIVER (R)     | 0         | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 3          | 1          | 2          | 4         | 2          | 1          | 0          | 2          | 0          | 3          | 20          |
| HEART               | 8         | 10         | 12         | 14         | 15         | 13         | 11         | 13         | 15         | 9          | 25         | 6          | 16         | 9         | 12         | 10         | 11         | 11         | 12         | 12         | 244         |
| HEART-LUNGS         | 0         | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0         | 0          | 0          | 0          | 0          | 0          | 0          | 1           |
| LUNGS               | 0         | 1          | 6          | 7          | 1          | 6          | 7          | 10         | 11         | 9          | 14         | 10         | 10         | 11        | 13         | 14         | 15         | 12         | 13         | 14         | 184         |
| LUNG (L)            | 0         | 1          | 1          | 3          | 1          | 1          | 1          | 2          | 1          | 1          | 5          | 1          | 1          | 1         | 0          | 0          | 1          | 0          | 0          | 0          | 21          |
| LUNG (R)            | 1         | 3          | 1          | 1          | 2          | 2          | 1          | 4          | 1          | 2          | 4          | 1          | 0          | 1         | 0          | 0          | 0          | 0          | 0          | 0          | 24          |
| PANCREAS            | 0         | 0          | 0          | 0          | 0          | 1          | 2          | 3          | 3          | 2          | 6          | 2          | 2          | 6         | 1          | 4          | 2          | 3          | 3          | 3          | 43          |
| <b>TOTAL</b>        | <b>89</b> | <b>103</b> | <b>111</b> | <b>119</b> | <b>125</b> | <b>131</b> | <b>122</b> | <b>141</b> | <b>127</b> | <b>123</b> | <b>155</b> | <b>114</b> | <b>103</b> | <b>97</b> | <b>125</b> | <b>105</b> | <b>116</b> | <b>112</b> | <b>119</b> | <b>117</b> | <b>2354</b> |



## Supplement 2 - New Zealand

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# Donor Profile

The mean age for the larger Australian States in 2012 ranged from 43.1 years in Queensland to 49.7 years in Victoria. If the smaller States and Territories are included the range was 42.9 years in Northern Territory to 61.1 years in Australian Capital Territory.

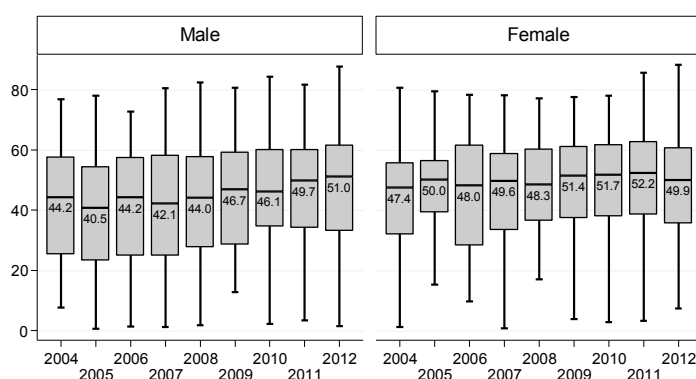
The median age for the larger Australian States in 2012 ranged from 43.8 years in Queensland to 53.5 years in Victoria. If the smaller States and Territories are included the range was 43.8 years in Queensland to 63.8 years in the Australian Capital Territory.

The median age for Australia in 2012 was 50.5 years, the highest since records began in 1989.

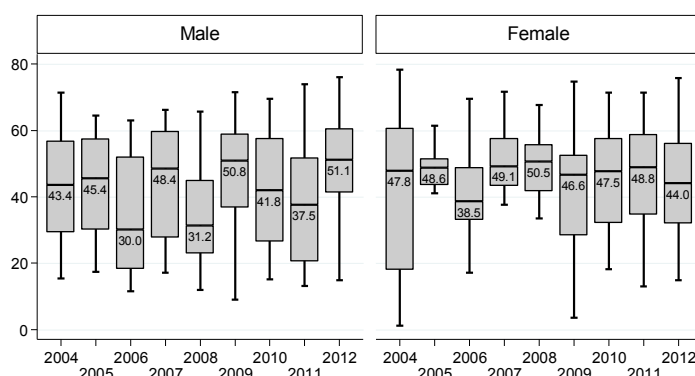
The median age for donors from 2004 to 2012 for each State by donor type (donation after brain death or cardiac death) are shown in Figures 4.14 to 4.21.

In New Zealand the median age increased from 44.0 years in 2011 to 49.2 years in 2012. There were two donors aged 75 years or over (up from zero in 2011) and no donors aged less than 5 years.. The age range was between 14.8 years and 76.1 years.

**Figure 4.9** Age of Male and Female Donors 2004-2012  
Australia



**Figure 4.10** Age of Male and Female Donors 2004-2012  
New Zealand





# Donor Profile

## MEDICAL CONDITION OF DONORS

Figure 4.31

| Medical Condition of Donors by Australian States 2012 (2011) |                   |         |         |       |         |       |       |       |         |          |         |
|--|-------------------|---------|---------|-------|---------|-------|-------|-------|---------|----------|---------|
| Donor Type   | Medical Condition | QLD     | NSW     | ACT   | VIC     | TAS   | SA    | NT    | WA      | AUST     | NZ      |
| DBD  | Diabetes Type I   | 2 (2)   | 0 (0)   | 0 (0) | 1 (2)   | 1 (0) | 1 (0) | 0 (0) | 0 (0)   | 5 (4)    | 1 (0)   |
|  | Diabetes Type II  | 3 (4)   | 12 (3)  | 3 (1) | 2 (4)   | 2 (0) | 1 (4) | 0 (0) | 1 (1)   | 24 (17)  | 1 (1)   |
|  | Hypertension      | 13 (10) | 25 (18) | 5 (3) | 18 (25) | 3 (2) | 5 (7) | 1 (1) | 6 (3)   | 76 (69)  | 11 (7)  |
|  | Smoking - Current | 34 (18) | 26 (17) | 2 (2) | 20 (29) | 3 (3) | 6 (8) | 2 (1) | 12 (12) | 105 (90) | 17 (12) |
|  | Cancer            | 3 (3)   | 2 (2)   | 0 (0) | 2 (3)   | 0 (0) | 1 (3) | 0 (0) | 2 (3)   | 10 (14)  | 0 (0)   |
| DCD  | Diabetes Type I   | 0 (0)   | 1 (2)   | 0 (0) | 0 (0)   | 0 (0) | 0 (0) | 0 (0) | 0 (0)   | 1 (2)    | 0 (0)   |
|  | Diabetes Type II  | 0 (1)   | 1 (2)   | 0 (0) | 4 (1)   | 0 (0) | 0 (1) | 0 (0) | 0 (0)   | 5 (5)    | 0 (0)   |
|  | Hypertension      | 5 (6)   | 3 (6)   | 0 (0) | 7 (6)   | 0 (0) | 2 (2) | 0 (0) | 0 (1)   | 17 (21)  | 0 (0)   |
|  | Smoking - Current | 8 (9)   | 4 (6)   | 0 (1) | 13 (11) | 0 (0) | 1 (1) | 0 (0) | 1 (1)   | 27 (29)  | 0 (0)   |
|  | Cancer            | 0 (1)   | 1 (1)   | 0 (0) | 0 (0)   | 0 (0) | 0 (0) | 0 (0) | 0 (2)   | 1 (4)    | 0 (0)   |

### DIABETES

There were six donors in Australia in 2012 with Type 1 and 29 with Type 2 diabetes; there was one Type 2 diabetic donor in New Zealand.

There were two diabetic Type 2 donors in Australia who did not have organs retrieved (one due to disease in organ and the other due to malignancy).

There were six diabetic Type 1 donors (including one DCD donor) that provided eight kidneys, four livers, one heart, one double lung, one single lung and six cornea.

The 27 Type 2 donors (including five DCD donors) provided 36 kidneys, 11 livers, two hearts four double lungs, 23 corneas, three sets of heart valves, two bone donations and one tissue donation.

### HYPERTENSION

A past history of hypertension was recorded in 26% (93 donors) in Australia and 29% (11 donors) in New Zealand in 2012 (Figure 4.31). Included in the 93 donors for Australia were 17 DCD donors with a past history of hypertension.

These donors provided Australia with 148 kidneys, 49 livers, two split livers, five hearts, two heart/lung, 25 double lungs, one pancreas, one pancreas islets, 92 corneas, 10 sets of heart valves, 10 bone and five tissue donations. Three of the 90 donors did not provide any organs; one due to infection and two due to disease in organ.

# Donor Profile



In New Zealand, 11 donors provided nine kidneys, seven livers, one heart, four double lungs, eight corneas and one set of heart valves. One donor did not have any organs retrieved due to disease.

## **SMOKING**

In 2012, 37% (132) Australian donors were recorded as current smokers while in New Zealand, 45% (17 donors) were reported as current smokers.

## **CANCER IN DONOR**

In Australia, 11 donors had a history of cancer prior to donation.

### **Australia (11 donors)**

- \* one donor had a lymphoma diagnosed intra-operatively and no organs were transplanted
- \* one melanoma - leg and hip (2002)
- \* three squamous cell carcinomas - cervix (1997); shoulder (2009); rectum (1988)
- \* two adenocarcinoma - breast (1989); appendix (2012)
- \* one renal cell carcinoma - kidney (2012)
- \* one lymphoma - kidney (2012) (no organs transplanted)
- \* one dermatofibrosarcoma - abdominal cavity (2012)
- \* two unknown - small intestine (1987); unknown site (unknown date)

There were 11 kidneys, six livers, two hearts, three double lungs and 13 corneas transplanted from 10 of these donors. One was a DCD donor.

### **New Zealand**

In New Zealand, no donors in 2012 had a history of previous cancer.

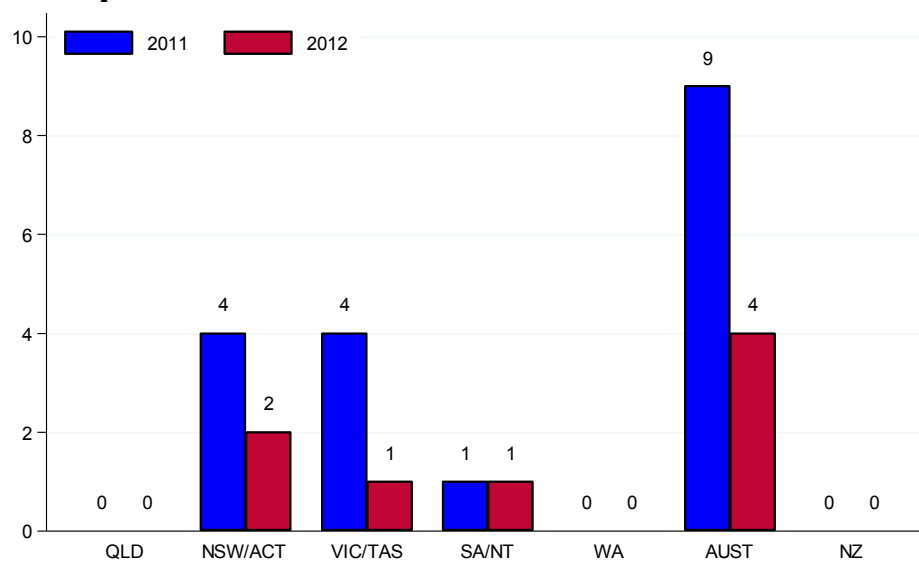




## PANCREAS ISLETS DONATION

Figure 5.38

### Deceased Donor Pancreas Islets Transplant Recipients \* by Transplant State Australia and New Zealand 2011 - 2012



\* These numbers include the exchange of organ between States and Territories of Australia and New Zealand

Pancreas islet transplantation is a procedure in which islets from the pancreas of the deceased organ donor are purified, processed and transplanted into a recipient. This procedure is performed only in Type 1 Diabetics where blood glucose levels are difficult to control.

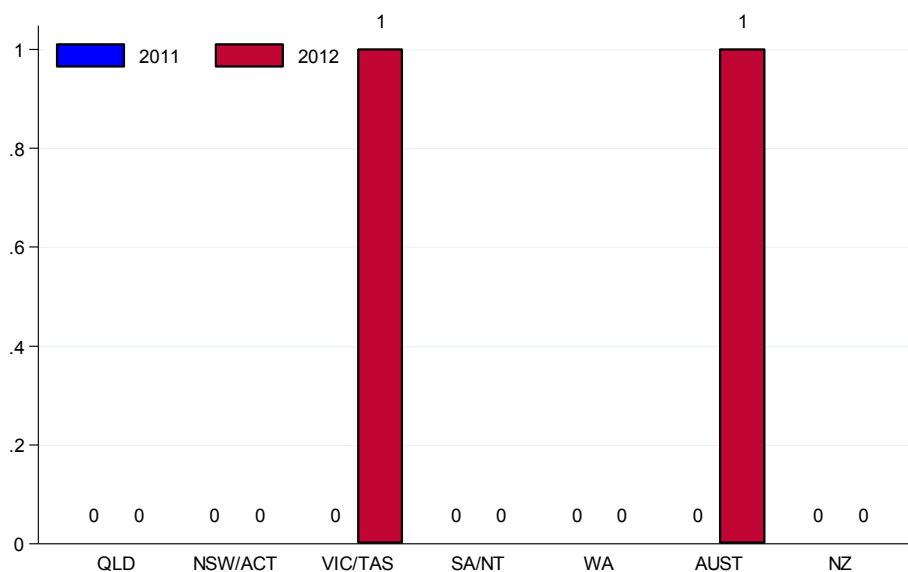
In Australia and New Zealand, the total number of pancreas islet transplants performed, since this experimental procedure began in 2002 is 68. In 2012, one patient received 2 pancreas islet transplants.

Of all pancreas retrieved in 2012, 7 pancreas islets were not used for transplantation due to insufficient islets and a further 18 pancreas retrieved were used for pancreas islets research.

## INTESTINE DONATION

Figure 5.39

### Deceased Donor Intestine Transplant Recipients by Transplant State Australia and New Zealand 2011 - 2012



Adult and paediatric patients with irreversible intestinal failure and developing severe complications from parenteral nutrition can benefit from intestinal transplantation. With only two intestinal transplants have been performed in Australia, this is not yet a standard treatment for irreversible intestinal failure.

The first successful intestinal transplant was performed at the Austin Hospital in Victoria, Australia in 2010.

# Tissue & Eye Data

## Tissue & Eye Donors

For 2012, tissue banks across Australia provided aggregate data for cardiovascular, musculoskeletal and skin tissue donations for a total of 3,843 tissue donors.

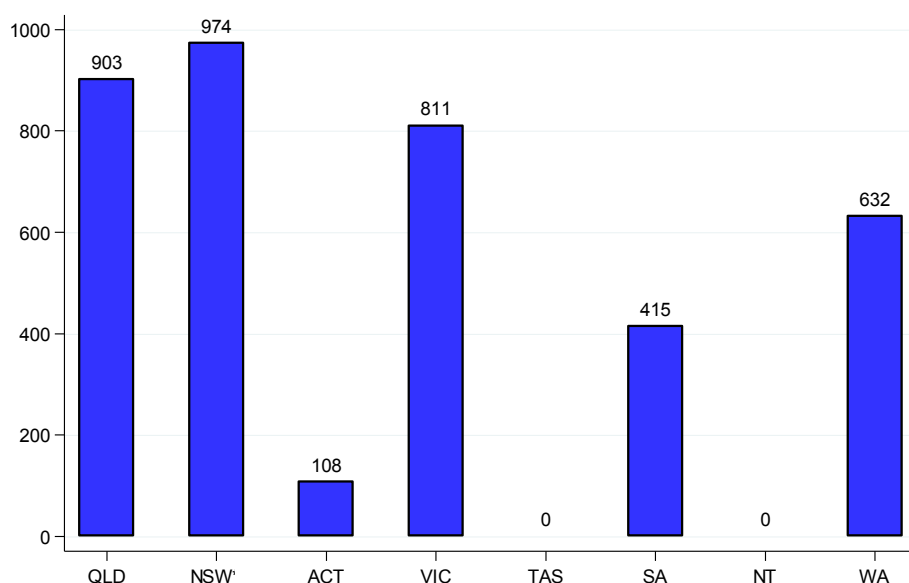
EBAANZ reported on behalf of Eye banks across Australia and New Zealand, including 1166 eye donors in Australia and 135 in New Zealand.

**Figure 6.1 Number of Tissue Donors, Australian States 2012**

Figure 6.1 shows the number of unique tissue donors in each State (both living and deceased combined).

Each total number excludes duplicate counts of donors that are also multi-organ or multi-tissue donors where the donor coordination is performed by another donation agency.

Data sourced from Australian Tissue Banks.

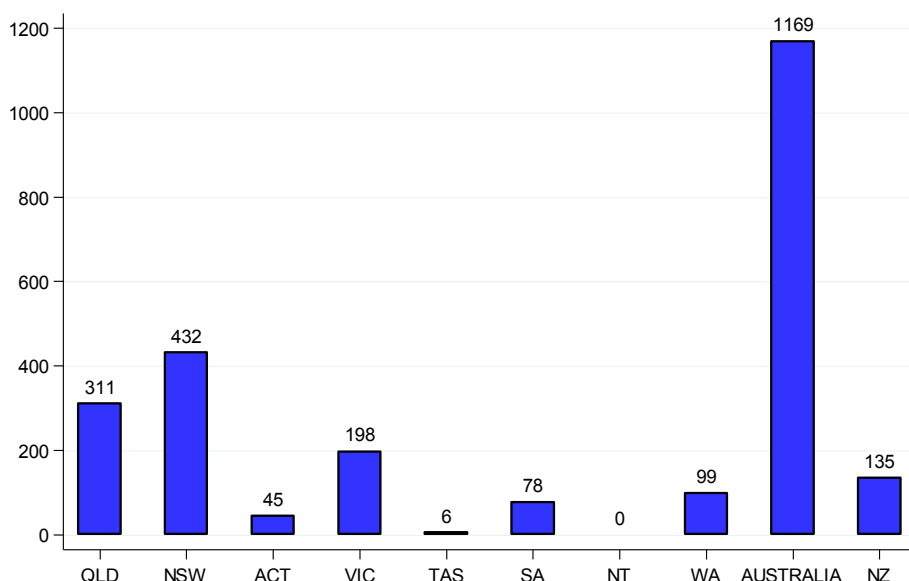


**Figure 6.2 Number of Eye Donors, Australian and New Zealand 2012**

Figure 6.2 represents the number of eye donors obtained in each State. Note that some States manage eye donation from a satellite State not having an Eye Bank.

Donor numbers may also include eye donors that are also multi-organ or multi-tissue donors where the donor coordination is performed by another donation agency.

Data sourced from EBAANZ.





# Glossary of Terms

**Donation** - The act of giving organ(s), tissue(s), or blood to someone else without compensation.

**Donation after Brain Death (DBD)**- Donation of human organ(s) and/or tissue(s) for transplantation that occurs after Brain death has been certified.

**Donation after Circulatory Death (DCD)** - Donation of human organ(s) and/or tissue(s) for transplantation that occurs after the circulatory system has stopped and cardiac death certified. Acronym is DCD.

**Double Adult Kidney Transplant** - describes dual kidney transplantation from a marginal adult deceased donor, where both kidneys are implanted separately with separate anastomoses into the one recipient.

**En bloc Kidney Transplant** - describes the transplant of both kidneys retrieved together with aorta as a single item. These are obtained from paediatric donors typically under 15 kg in weight, into a single recipient and using the donor aorta and vena cava for vascular anastomosis.

**End-Stage Organ Disease** - A disease that leads, ultimately, to permanent, complete failure of an organ to function. Some examples are emphysema (lungs), cardiomyopathy (heart), and polycystic kidney disease (kidneys).

**Graft Survival** - The length of time an organ functions successfully after being transplanted. The endpoints for calculations of graft survival are either loss of graft function (for example, return to dialysis or retransplantation) or the death of the patient

**Heart** - A muscular organ that pumps blood through the body. The heart can be donated and transplanted.

**Heart Valves (HV)** - Prevent the back flow or leakage of blood as it is being pumped through the chambers inside of the heart. Heart valves can be donated and transplanted.

**Intended Donor** - Definitions for this term can vary. An intended organ donor is a person for whom the donation work was initiated as evidenced by both:

- 1) Formal written consent undertaken, including consent for donation of specific organ+/- tissues, and
- 2) Blood for tissue typing sent with allocation of a donor number;

but donation did not proceed. Historically the ANZOD Registry has used a slightly different definition, "A person from whom authority has been given or volunteered, but organ donation did not proceed (eg positive virology, cardiac arrest, further investigations discovered cancer, infection etc.)"

**Intestines** - The portion of the digestive tract extending from the stomach to the anus, consisting of the stomach, the upper segment (small intestine) and lower segment (large intestine.) The intestines can be donated and transplanted.

**Intestinal transplants** - A transplant carried out in a patient with intestinal failure who requires a transplant.



# Glossary of Terms

**Active Transplant Waiting List** - This is the list of patients who have been through the assessment process and are fit and ready to receive a transplant. When a donor organ becomes available, the patient is included among those who are matched against the donor. It may sometimes be necessary to remove someone from the transplant list, either temporarily or permanently. This may be done, for example, if someone becomes too ill to receive a transplant. If a patient is suspended from the list, they are not eligible to receive a transplant and are not included in the consideration of any donor organs that become available.

**Actual Donor** - Definitions for this term can vary. The World Health Organisation consider an "Actual deceased organ donor" is a consented eligible donor from whom at least one organ was recovered for the purpose of transplantation. Historically the ANZOD Registry has used a slightly different definition of "a person from whom the retrieval operation is commenced for the purpose of transplantation". This includes donors who may be deemed medically unsuitable at time of surgery or after removal of organs.

**Allocation** - refers to the algorithm and process for determining to whom (from the waiting list of potential recipients) a given donated organ is offered. The algorithms determining allocation are pre-determined by a consensus process, and are available at the TSANZ website ([www.tsanz.com.au](http://www.tsanz.com.au)).

**Australia and New Zealand Organ Donation Registry (ANZOD Registry)**. The Registry collects and reports data for deceased organ donors. Data has been collected since 1989 in Australia and 1993 in New Zealand.

**Body Mass Index (BMI)** - is a calculation used as a measure of obesity (in adults). It is calculated as the quotient of weight and the square of height, in units of  $\text{kg/m}^2$ .

**Bone** - Dense calcified tissue that forms the skeleton and supports the body. Bone can be donated and transplanted.

**Brain Death** - Brain death occurs when the brain function at all level is totally and irreversibly lost. This is determined by specialist doctors using a series of legally defined tests.

**Cardiac (or circulatory) Death** - Occurs when a person's heart stops and cannot be resuscitated. As with brain death, there is no recovery from cardiac death.

**Cardiovascular (CV) Tissue** - Cardiovascular tissue refers to heart valves which are necessary to regulate the flow of blood to and from the heart (see Heart Valves). Cardiovascular tissue can be donated and transplanted.

**Cornea** - The transparent outer covering of the eye's iris and pupil, forming the lens of the eye. Corneas can be donated and transplanted to restore sight for people with damaged corneas.

**Deceased Donor** - An individual from whom at least one solid organ is recovered for the purpose of transplantation after suffering brain death or cardiac death.

**Deceased Donor Transplant** - The transplant of an organ, multiple organs or tissue from a deceased donor.



# Supplement 1 - Australia

**Table 16.0**

## **DONOR AGE RELATED TO TRANSPLANTED ORGANS RETRIEVED IN AUSTRALIA 1 JAN 2003 - 31 DEC 2012**

| TRANSPLANTED ORGAN     | Year of Operation | 00-04     | 04-14      | 15-24      | 25-34      | 35-44      | 45-54      | 55-64      | 65-74      | 75-84     | 85-94    | TOTAL       |
|------------------------|-------------------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|----------|-------------|
| <b>KIDNEYS</b>         | 2003              | 2         | 20         | 62         | 30         | 52         | 76         | 55         | 16         | 10        | 2        | <b>325</b>  |
|                        | 2004              | 0         | 8          | 80         | 60         | 46         | 99         | 76         | 28         | 8         | 0        | <b>405</b>  |
|                        | 2005              | 8         | 16         | 53         | 42         | 68         | 89         | 63         | 25         | 9         | 0        | <b>373</b>  |
|                        | 2006              | 1         | 22         | 68         | 38         | 56         | 76         | 67         | 37         | 5         | 0        | <b>370</b>  |
|                        | 2007              | 3         | 8          | 69         | 47         | 41         | 63         | 75         | 26         | 10        | 0        | <b>342</b>  |
|                        | 2008              | 1         | 12         | 70         | 60         | 83         | 83         | 94         | 44         | 12        | 0        | <b>459</b>  |
|                        | 2009              | 2         | 8          | 66         | 58         | 56         | 107        | 104        | 42         | 3         | 0        | <b>446</b>  |
|                        | 2010              | 4         | 10         | 50         | 70         | 115        | 111        | 120        | 55         | 13        | 0        | <b>548</b>  |
|                        | 2011              | 3         | 20         | 67         | 57         | 78         | 134        | 132        | 71         | 8         | 0        | <b>570</b>  |
|                        | 2012              | 4         | 16         | 84         | 58         | 90         | 137        | 135        | 74         | 7         | 1        | <b>607</b>  |
|                        | <b>TOTAL</b>      | <b>28</b> | <b>140</b> | <b>669</b> | <b>520</b> | <b>685</b> | <b>975</b> | <b>921</b> | <b>418</b> | <b>85</b> | <b>3</b> | <b>4445</b> |
| <b>LIVER</b>           | 2003              | 2         | 8          | 27         | 8          | 19         | 30         | 15         | 6          | 4         | 0        | <b>119</b>  |
|                        | 2004              | 1         | 2          | 34         | 26         | 17         | 26         | 30         | 10         | 2         | 0        | <b>148</b>  |
|                        | 2005              | 3         | 6          | 20         | 16         | 24         | 34         | 20         | 12         | 3         | 0        | <b>138</b>  |
|                        | 2006              | 0         | 9          | 27         | 15         | 20         | 32         | 26         | 12         | 1         | 0        | <b>142</b>  |
|                        | 2007              | 2         | 2          | 23         | 17         | 14         | 23         | 23         | 11         | 3         | 0        | <b>118</b>  |
|                        | 2008              | 1         | 4          | 23         | 23         | 29         | 25         | 37         | 13         | 5         | 0        | <b>160</b>  |
|                        | 2009              | 2         | 4          | 18         | 24         | 23         | 34         | 38         | 10         | 2         | 0        | <b>155</b>  |
|                        | 2010              | 1         | 4          | 17         | 26         | 41         | 33         | 29         | 17         | 5         | 0        | <b>173</b>  |
|                        | 2011              | 2         | 9          | 26         | 16         | 19         | 44         | 38         | 23         | 6         | 0        | <b>183</b>  |
|                        | 2012              | 3         | 3          | 27         | 22         | 28         | 38         | 35         | 27         | 6         | 0        | <b>189</b>  |
|                        | <b>TOTAL</b>      | <b>17</b> | <b>51</b>  | <b>242</b> | <b>193</b> | <b>234</b> | <b>319</b> | <b>291</b> | <b>141</b> | <b>37</b> | <b>0</b> | <b>1525</b> |
| <b>SPLIT LIVER (L)</b> | 2003              | 0         | 0          | 3          | 1          | 1          | 2          | 1          | 0          | 1         | 0        | <b>9</b>    |
|                        | 2004              | 0         | 1          | 3          | 3          | 3          | 5          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2005              | 0         | 1          | 4          | 2          | 3          | 5          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2006              | 0         | 0          | 4          | 4          | 1          | 1          | 1          | 0          | 0         | 0        | <b>11</b>   |
|                        | 2007              | 0         | 1          | 7          | 4          | 2          | 1          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2008              | 0         | 0          | 6          | 5          | 4          | 3          | 0          | 0          | 0         | 0        | <b>18</b>   |
|                        | 2009              | 0         | 0          | 10         | 2          | 3          | 1          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2010              | 0         | 0          | 2          | 5          | 7          | 2          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2011              | 0         | 1          | 2          | 7          | 5          | 1          | 0          | 0          | 0         | 0        | <b>16</b>   |
|                        | 2012              | 0         | 1          | 14         | 3          | 1          | 3          | 0          | 0          | 0         | 0        | <b>22</b>   |
|                        | <b>TOTAL</b>      | <b>0</b>  | <b>5</b>   | <b>55</b>  | <b>36</b>  | <b>30</b>  | <b>24</b>  | <b>2</b>   | <b>0</b>   | <b>1</b>  | <b>0</b> | <b>153</b>  |
| <b>SPLIT LIVER (R)</b> | 2003              | 0         | 0          | 3          | 1          | 1          | 2          | 1          | 0          | 0         | 0        | <b>8</b>    |
|                        | 2004              | 0         | 1          | 1          | 3          | 3          | 5          | 0          | 0          | 0         | 0        | <b>13</b>   |
|                        | 2005              | 0         | 1          | 2          | 2          | 3          | 3          | 0          | 0          | 0         | 0        | <b>11</b>   |
|                        | 2006              | 0         | 0          | 3          | 3          | 1          | 0          | 1          | 0          | 0         | 0        | <b>8</b>    |
|                        | 2007              | 0         | 1          | 7          | 3          | 2          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2008              | 0         | 0          | 6          | 4          | 4          | 3          | 0          | 0          | 0         | 0        | <b>17</b>   |
|                        | 2009              | 0         | 0          | 9          | 2          | 2          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2010              | 0         | 0          | 2          | 5          | 7          | 1          | 0          | 0          | 0         | 0        | <b>15</b>   |
|                        | 2011              | 0         | 0          | 2          | 7          | 4          | 1          | 0          | 0          | 0         | 0        | <b>14</b>   |
|                        | 2012              | 0         | 0          | 14         | 2          | 2          | 1          | 0          | 0          | 0         | 0        | <b>19</b>   |
|                        | <b>TOTAL</b>      | <b>0</b>  | <b>3</b>   | <b>49</b>  | <b>32</b>  | <b>29</b>  | <b>18</b>  | <b>2</b>   | <b>0</b>   | <b>0</b>  | <b>0</b> | <b>133</b>  |



## OUTCOME OF ORGANS AND TISSUE RETRIEVED IN AUSTRALIA 1989 - 2012

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**Table 20.0**

| TRANSPLANTED SOLID ORGANS IN AUSTRALIA       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |       |  |  |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------|--|--|
| ORGANS DONATED FROM AUSTRALIA OR NEW ZEALAND |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |       |  |  |
| ORGANS TRANSPLANTED<br>IN AUSTRALIA          | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 00  | 01  | 02  | 03  | 04  | 05  | 06  | 07  | 08  | 09  | 10  | 11   | 12   | TOTAL |  |  |
| KIDNEYS                                      | 443 | 382 | 395 | 404 | 393 | 339 | 346 | 362 | 356 | 357 | 286 | 350 | 330 | 372 | 325 | 406 | 377 | 370 | 342 | 459 | 446 | 550 | 570  | 607  | 9567  |  |  |
| LIVER  | 95  | 79  | 111 | 138 | 121 | 128 | 128 | 121 | 138 | 141 | 109 | 138 | 114 | 129 | 113 | 147 | 136 | 136 | 121 | 155 | 158 | 172 | 178  | 184  | 3190  |  |  |
| SPLIT LIVER (L)                              | 2   | 0   | 2   | 0   | 6   | 8   | 10  | 12  | 9   | 7   | 8   | 5   | 6   | 12  | 10  | 15  | 15  | 13  | 16  | 18  | 16  | 14  | 15   | 23   | 242   |  |  |
| SPLIT LIVER (R)                              | 2   | 0   | 2   | 0   | 1   | 2   | 7   | 9   | 5   | 6   | 7   | 5   | 1   | 10  | 10  | 14  | 12  | 8   | 14  | 15  | 13  | 17  | 14   | 20   | 194   |  |  |
| HEPATOCYTES                                  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1     |  |  |
| HEART  | 84  | 90  | 89  | 101 | 102 | 90  | 98  | 88  | 91  | 72  | 66  | 57  | 67  | 73  | 66  | 74  | 75  | 71  | 59  | 82  | 59  | 65  | 65   | 72   | 1856  |  |  |
| HEART-LUNGS                                  | 14  | 12  | 19  | 17  | 13  | 13  | 15  | 7   | 4   | 4   | 2   | 2   | 2   | 8   | 5   | 6   | 6   | 6   | 6   | 5   | 2   | 3   | 2    | 4    | 177   |  |  |
| HEART-(L) LUNG                               | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0    | 1     |  |  |
| LUNGS  | 0   | 1   | 2   | 6   | 34  | 43  | 40  | 38  | 44  | 49  | 42  | 65  | 47  | 66  | 58  | 82  | 71  | 79  | 69  | 100 | 109 | 113 | 148  | 141  | 1447  |  |  |
| LUNG (L)                                     | 0   | 2   | 10  | 12  | 13  | 12  | 12  | 13  | 20  | 17  | 13  | 12  | 10  | 12  | 9   | 7   | 5   | 8   | 4   | 8   | 6   | 4   | 7    | 2    | 218   |  |  |
| LUNG (R)                                     | 0   | 2   | 6   | 12  | 11  | 11  | 15  | 17  | 18  | 17  | 12  | 13  | 16  | 13  | 7   | 6   | 5   | 8   | 4   | 4   | 5   | 6   | 5    | 2    | 215   |  |  |
| PANCREAS                                     | 7   | 9   | 8   | 10  | 11  | 15  | 13  | 12  | 16  | 18  | 17  | 26  | 21  | 25  | 25  | 28  | 33  | 34  | 28  | 32  | 37  | 34  | 26   | 38   | 523   |  |  |
| PANCREATIC ISLETS                            | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 6   | 3   | 1   | 7   | 5   | 11  | 9   | 12  | 9    | 4    | 68    |  |  |
| INTESTINES                                   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 0    | 1    | 2     |  |  |
| TOTAL  | 647 | 577 | 644 | 701 | 705 | 661 | 684 | 679 | 701 | 688 | 562 | 673 | 614 | 721 | 634 | 789 | 736 | 740 | 668 | 889 | 860 | 991 | 1039 | 1098 | 17701 |  |  |

**Table 21.0**

| TRANSPLANTED SOLID ORGANS IN NEW ZEALAND<br>ORGANS DONATED FROM AUSTRALIA OR NEW ZEALAND |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |       |  |  |
|--|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-------|--|--|
| ORGANS TRANSPLANTED<br>IN NEW ZEALAND  | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98  | 99  | 00  | 01  | 02  | 03  | 04  | 05 | 06 | 07  | 08  | 09  | 10  | 11  | 12  | TOTAL |  |  |
| KIDNEYS  | 28 | 56 | 40 | 70 | 64 | 63 | 70 | 70 | 81 | 75  | 70  | 75  | 67  | 69  | 67  | 57  | 47 | 41 | 65  | 53  | 54  | 50  | 61  | 56  | 1449  |  |  |
| LIVER  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 13  | 27  | 33  | 36  | 35  | 33  | 34  | 20 | 26 | 26  | 26  | 30  | 31  | 35  | 29  | 434   |  |  |
| SPLIT LIVER (L)  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 3   | 2   | 3  | 2  | 2   | 2   | 0   | 4   | 1   | 4   | 25    |  |  |
| SPLIT LIVER (R)  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 1   | 0   | 1  | 4  | 2   | 3   | 1   | 0   | 0   | 2   | 14    |  |  |
| HEART  | 8  | 6  | 5  | 11 | 8  | 10 | 7  | 13 | 14 | 10  | 10  | 13  | 15  | 8   | 22  | 4   | 13 | 8  | 9   | 8   | 11  | 11  | 11  | 12  | 247   |  |  |
| LUNGS  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 6  | 1  | 2   | 7   | 10  | 9   | 5   | 10  | 9   | 8  | 9  | 9   | 12  | 7   | 9   | 10  | 13  | 139   |  |  |
| LUNG (L)   | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 1   | 0   | 0   | 1   | 1   | 2   | 0   | 0  | 1  | 0   | 0   | 1   | 0   | 0   | 0   | 11    |  |  |
| LUNG (R)   | 0  | 0  | 0  | 0  | 1  | 2  | 0  | 0  | 2  | 2   | 0   | 2   | 1   | 2   | 2   | 0   | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 14    |  |  |
| PANCREAS   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 2   | 3   | 3   | 2   | 6   | 2   | 2  | 6  | 1   | 4   | 2   | 3   | 3   | 3   | 43    |  |  |
| TOTAL  | 36 | 62 | 45 | 81 | 73 | 76 | 80 | 91 | 99 | 104 | 116 | 136 | 132 | 124 | 146 | 108 | 94 | 97 | 114 | 108 | 106 | 108 | 121 | 119 | 2376  |  |  |





# Supplement 1 - Australia

**Table 24.1**

**TRANSPLANTED SOLID ORGANS 1 JAN 2012 - 31 DEC 2012  
DONOR STATE TO DESTINATION STATE**

| ORGANS TRANSPLANTED | DONOR STATE  | QLD        | NSW        | ACT        | VIC       | SA        | WA         | NZ        |
|---------------------|--------------|------------|------------|------------|-----------|-----------|------------|-----------|
| PANCREATIC ISLETS   | QLD          | 0          | 4          | 0          | 0         | 0         | 4          | 0         |
|                     | NSW          | 0          | 27         | 0          | 0         | 0         | 27         | 0         |
|                     | ACT          | 0          | 2          | 0          | 0         | 0         | 2          | 0         |
|                     | VIC          | 0          | 7          | 9          | 2         | 0         | 18         | 0         |
|                     | TAS          | 0          | 0          | 1          | 2         | 0         | 3          | 0         |
|                     | SA           | 0          | 4          | 5          | 3         | 0         | 12         | 0         |
|                     | NT           | 0          | 0          | 1          | 0         | 0         | 1          | 0         |
|                     | WA           | 0          | 1          | 0          | 0         | 0         | 1          | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>45</b>  | <b>16</b>  | <b>7</b>  | <b>0</b>  | <b>68</b>  | <b>0</b>  |
| INTESTINES          | QLD          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NSW          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | ACT          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | VIC          | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | TAS          | 0          | 0          | 2          | 0         | 0         | 2          | 0         |
|                     | SA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NT           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | WA           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 0         |
|                     | <b>TOTAL</b> | <b>0</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>  | <b>0</b>  | <b>2</b>   | <b>0</b>  |
| KIDNEYS             | QLD          | 116        | 13         | 3          | 2         | 0         | 134        | 0         |
|                     | NSW          | 5          | 124        | 7          | 4         | 6         | 146        | 0         |
|                     | ACT          | 0          | 18         | 0          | 0         | 0         | 18         | 0         |
|                     | VIC          | 3          | 5          | 144        | 1         | 3         | 156        | 0         |
|                     | TAS          | 0          | 1          | 24         | 0         | 0         | 25         | 0         |
|                     | SA           | 3          | 5          | 0          | 44        | 1         | 53         | 0         |
|                     | NT           | 0          | 1          | 0          | 14        | 1         | 16         | 0         |
|                     | WA           | 2          | 6          | 4          | 0         | 47        | 59         | 0         |
|                     | NZ           | 0          | 0          | 0          | 0         | 0         | 0          | 56        |
|                     | <b>TOTAL</b> | <b>129</b> | <b>173</b> | <b>181</b> | <b>65</b> | <b>58</b> | <b>607</b> | <b>56</b> |
| LIVER               | QLD          | 33         | 3          | 0          | 0         | 0         | 36         | 1         |
|                     | NSW          | 1          | 33         | 3          | 0         | 1         | 38         | 3         |
|                     | ACT          | 0          | 6          | 0          | 0         | 0         | 6          | 0         |
|                     | VIC          | 2          | 4          | 40         | 0         | 1         | 47         | 3         |
|                     | TAS          | 0          | 0          | 10         | 0         | 0         | 10         | 0         |
|                     | SA           | 0          | 1          | 0          | 17        | 1         | 19         | 0         |
|                     | NT           | 1          | 0          | 0          | 3         | 2         | 6          | 0         |
|                     | WA           | 0          | 3          | 1          | 0         | 16        | 20         | 0         |
|                     | NZ           | 0          | 1          | 1          | 0         | 0         | 2          | 22        |
|                     | <b>TOTAL</b> | <b>37</b>  | <b>51</b>  | <b>55</b>  | <b>20</b> | <b>21</b> | <b>184</b> | <b>29</b> |