

# Organ Donation in Australia

Clin. A/Prof Andrew Turner  
State Medical Director  
DonateLife Tasmania



- Historically Australia had one of the lowest organ donation rates in the world
  - 32<sup>nd</sup> ranked country
- 2006 National Organ Donation Collaborative
  - 22 hospitals
    - Collaboration to improve systems to support organ donation
  - State based Organ Donation Agencies
  - ANZICS
    - ADAPT training
    - Statement on Death and Organ Donation
  - “Neutral” approach to donation request

- National Reform Agenda
  - Australian Organ and Tissue Donation and Transplantation Authority Act 2008
    - Organ and Tissue Authority
      - \$151M over 4 years
    - Standardization of State / Territory Agencies
    - 75 hospitals received funding for donation staff

**Measure 6:** Support for donor families

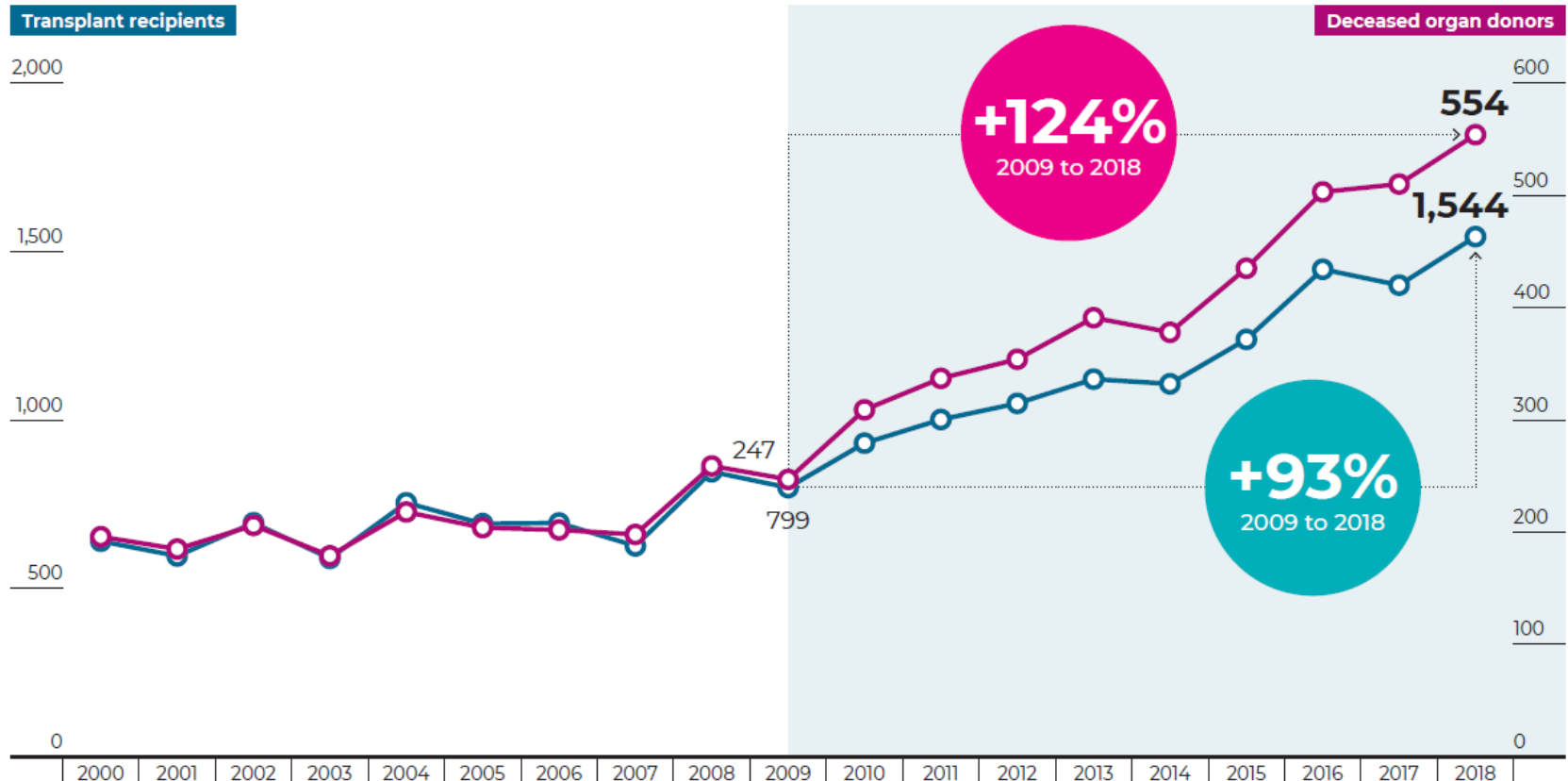
**Measure 7:** Safe, equitable and transparent national transplantation process

**Measure 9:** Additional national initiatives

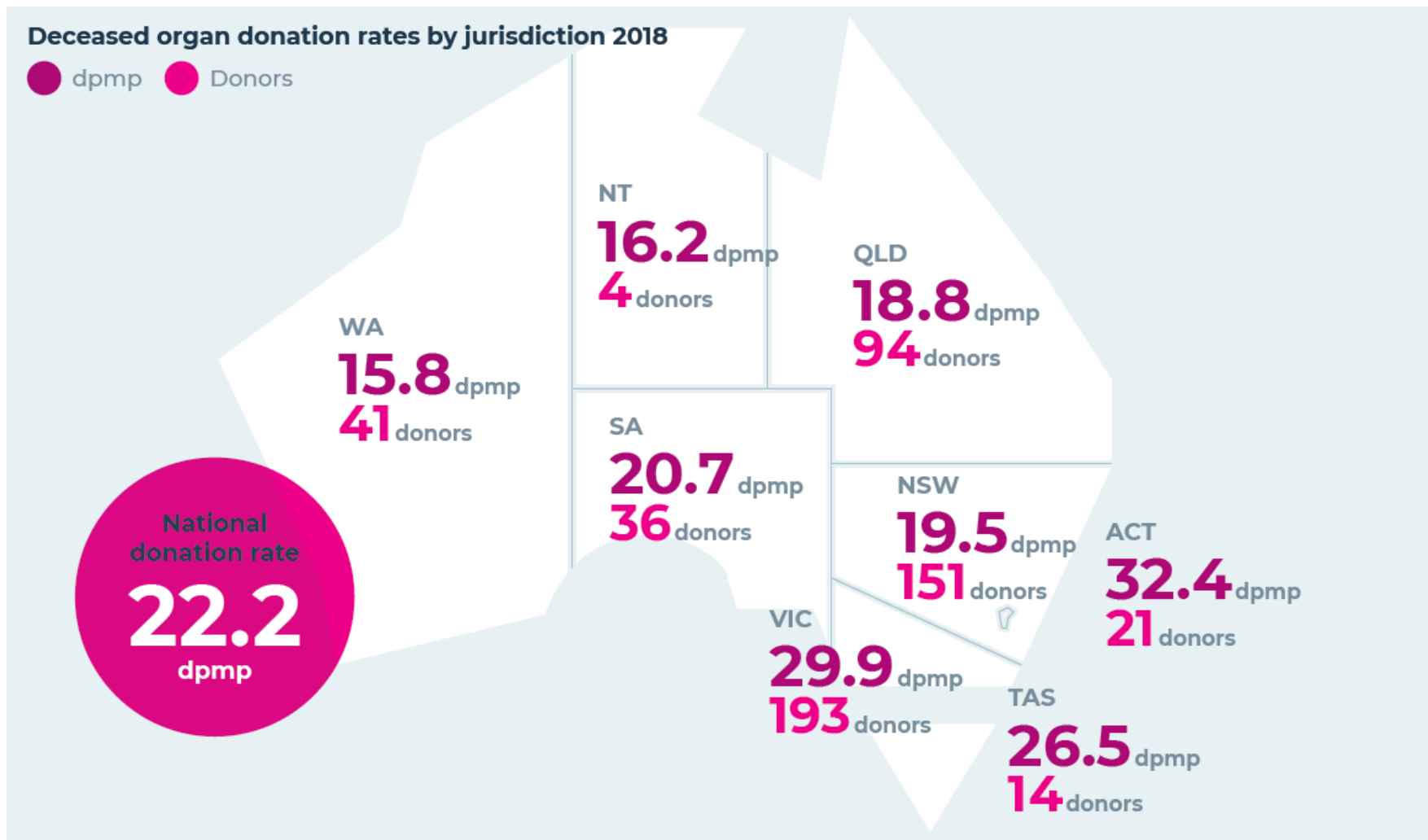
Measure 9: Additional national initiatives,  
including living donation programs

# Deceased donors and recipients in Australia 2000-2018

Deceased organ donation and transplant recipients 2000-2018



# Donation rates in Australia

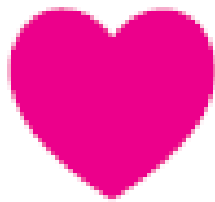


In 2018



1,782

lives were  
transformed by



554

deceased organ  
donors and



238

living organ  
donors

# The current situation in Australia

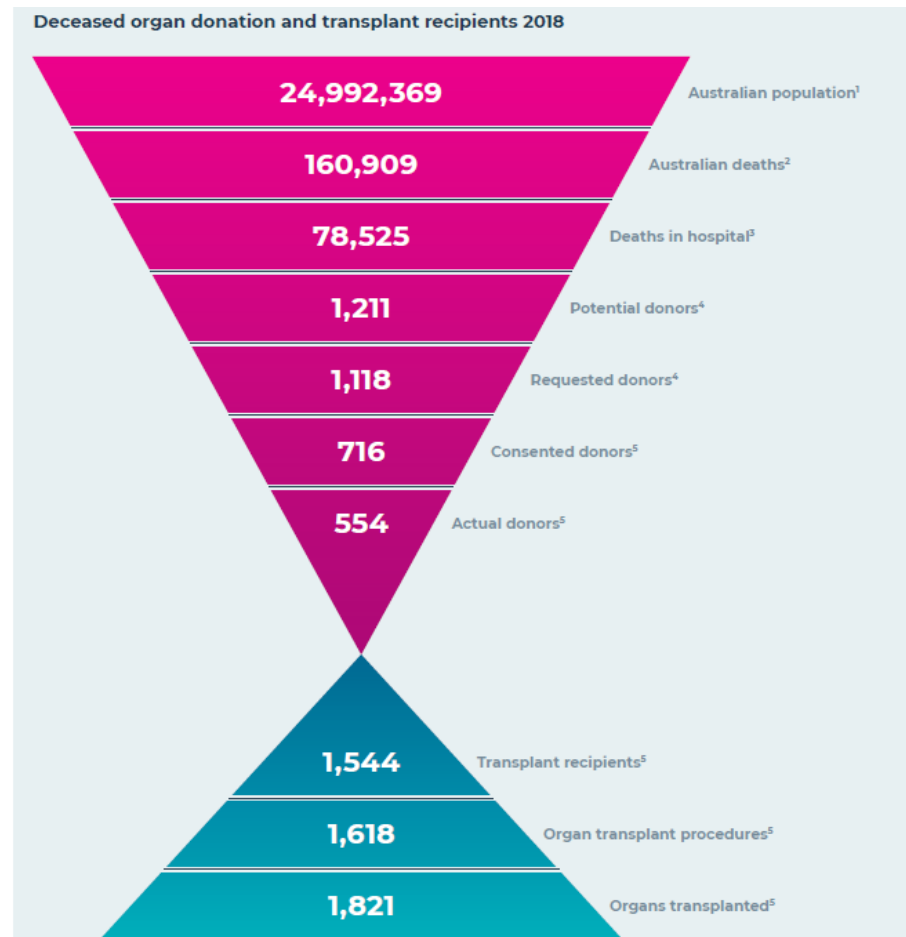
- Around 1,400 Australians are waitlisted for a transplant.
- A further 11,000 patients are on dialysis

## Australian organ transplant waiting list 2 January 2018

Kidney	1,003
Heart	96
Liver	128
Lung	135
Pancreas	57
Pancreas Islets	21
Intestine	5
<b>Total</b>	<b>1,445</b>



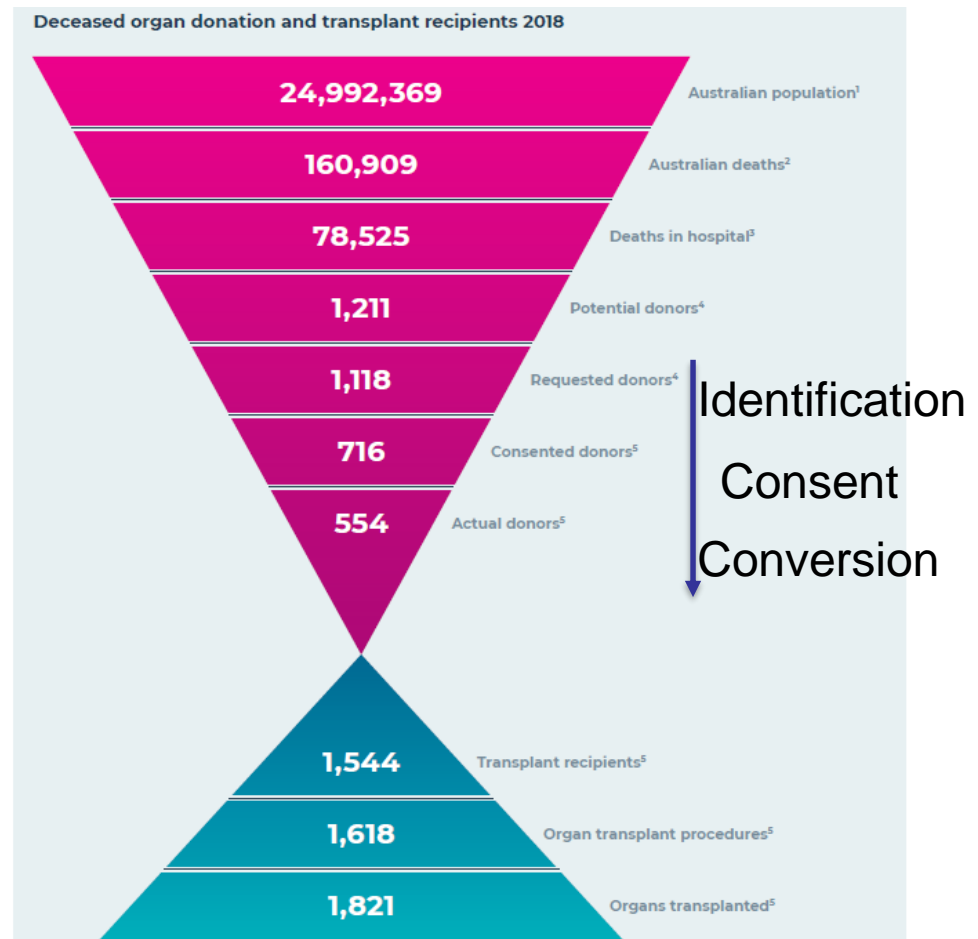
# Australia's potential deceased organ donor population and transplant outcomes



## Source

- <sup>1</sup> Estimated Resident Population 30 June 2018, ABS 3101.0 Australian Demographic Statistics, (released 20 December 2018)
- <sup>2</sup> ABS 3302.0 Deaths, Australia, 2017 (released 26 September 2018)
- <sup>3</sup> AIHW Australian Hospital Statistics 2015-17 (released 24 May 2018)
- <sup>4</sup> Estimated using DonatLife Audit Data (February 2019)
- <sup>5</sup> Deceased Organ Donation in Australia, Australia and New Zealand Organ Donation Registry, January 2019

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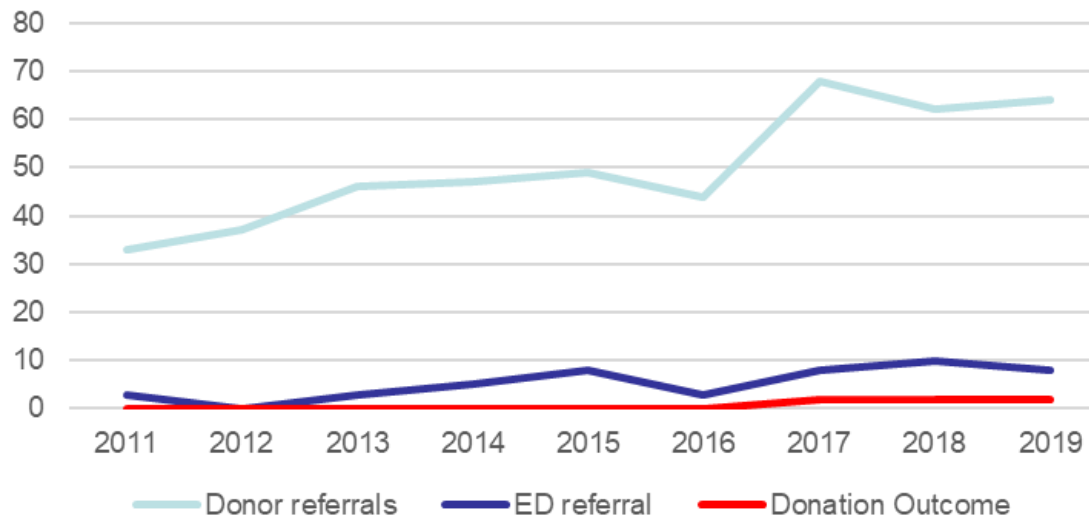
# Tasmania

- ~ 2% of Australian pop.

- 2018

- 14 Actual donors
  - 11 DBD and 3 DCD
  - 2 Intended Donors

Referral numbers and donors from ED referrals



# National Consent Rate in 2018

## National consent rate

2018

64%

2017

59%

# Best Practice Guideline for Offering Organ and Tissue Donation in Australia

June 2017

- **Best practice Model**
  - Providing an opportunity to give information and request OD from all families.
    - Separated from futility / death discussion
    - Collaborative
      - Trained requestor
      - Adequate time for the conversation
- **Australian Organ Donor Register**

# Best Practice Guideline for Offering Organ and Tissue Donation in Australia

June 2017

Trained Requestor	Donation Specialist	DSN	2019			
			FDC Involvement	Total Requests	Total Consents	Consent Rate
N	N	N	8%	54	17	31.5%
Y	N	N	18%	118	41	34.7%
	Y	N	3%	20	7	35.0%
		Y	70%	448	296	66.1%
Grand Total			100%	640	361	56.4%

## June 2017

 Tasmanian Government

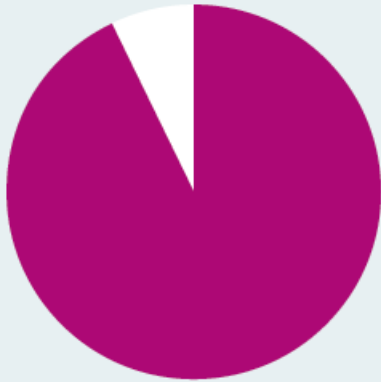
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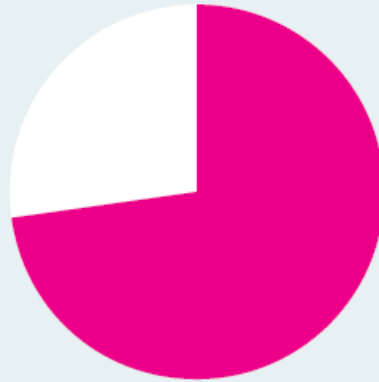
# Australian Organ Donor register

## The importance of registration and family discussion



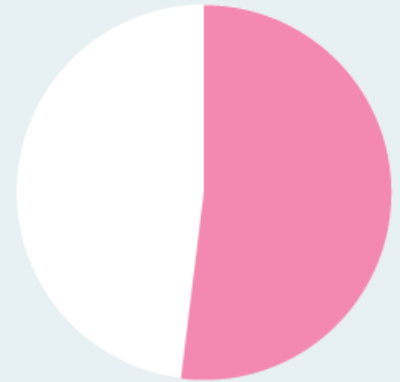
**93%**

Families agreed to donation  
when their family member was  
registered on the AODR



**73%**

Families agreed to donation  
when they knew their family member  
wanted to be a donor



**52%**

Families agreed to donation  
when their family member was  
not registered and had not  
discussed donation

**State and territory consent rates 2018**

State/Territory	Consent Rate
NT	40%
QLD	59%
WA	53%
SA	73%
NSW	64%
ACT	75%
VIC	68%
TAS	67%
<b>Australian average</b>	<b>64%</b>



Australian Government  
Organ and Tissue Authority

# National Protocol for Donation after Cardiac Death

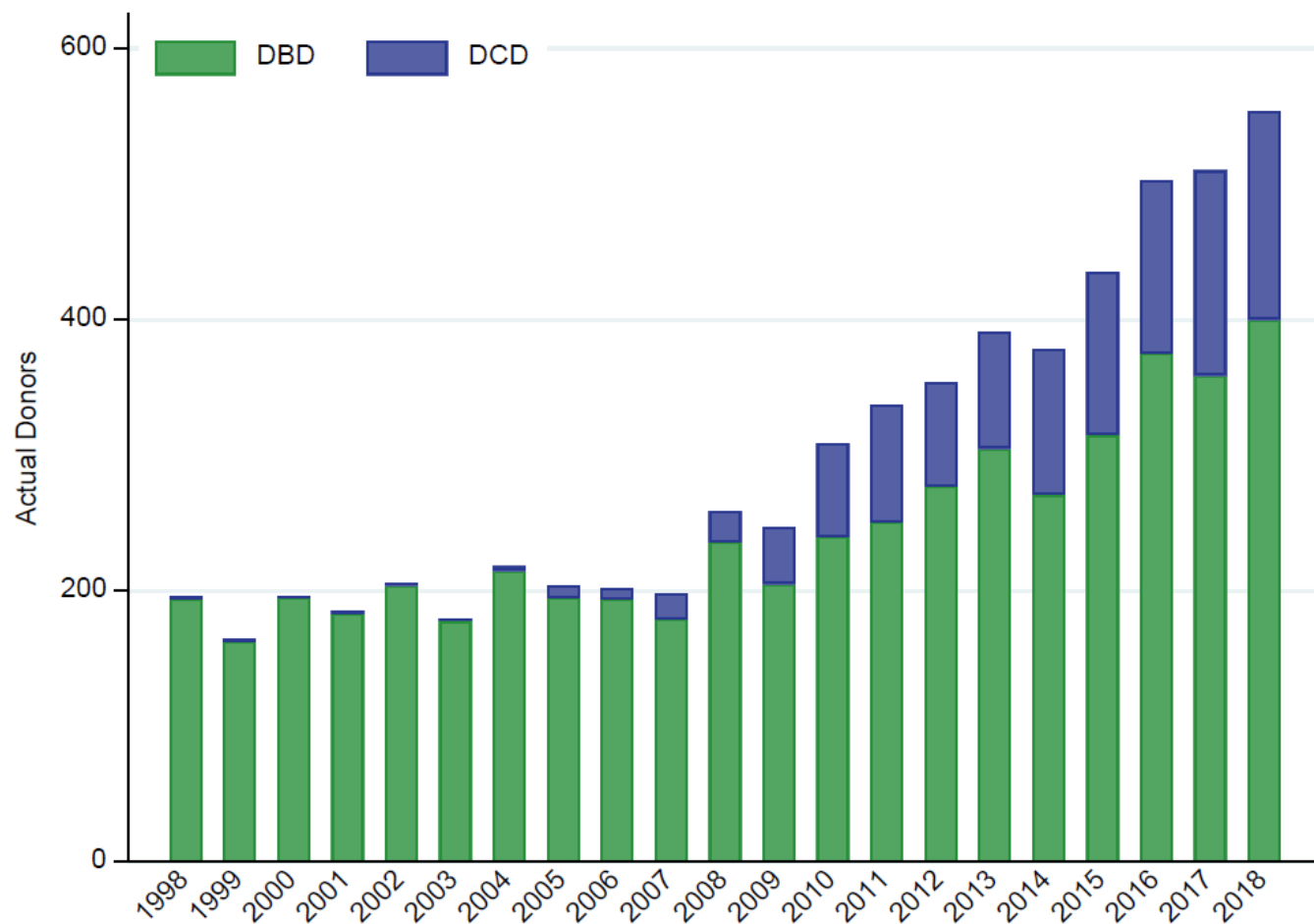
JULY 2010

Ethical guidelines for  
organ transplantation from  
deceased donors

2016



**Figure 2.5.1 - Organ Donation Pathway  
Australia 1998 - 2018**



# Clinical Guidelines for Organ Transplantation from Deceased Donors

Version 1.3 – May 2019

- IV drug users
- Hepatitis B / C
- Age
- Malignancy risk
- Smoking / Alcohol
- Diabetes / Hypertension / Obesity

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- It is ok to slow the process down
  - Give the family time to come to terms with the death
  - “we will keep him comfortable overnight, get some rest and we will discuss things in the morning”
  - It is ok to prevent circulatory arrest / intubate etc as long as there is no ‘harm to the patient’





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- Donation Specialist Nurses relate well to families, and understand the process better than anyone and have time to provide complex information







# The future

