

BELGIAN TRANSPLANT COORDINATORS SECTION

BTS ANNUAL MEETING 2016



DONOR
&
TRANSPLANT
STATISTICS
2015

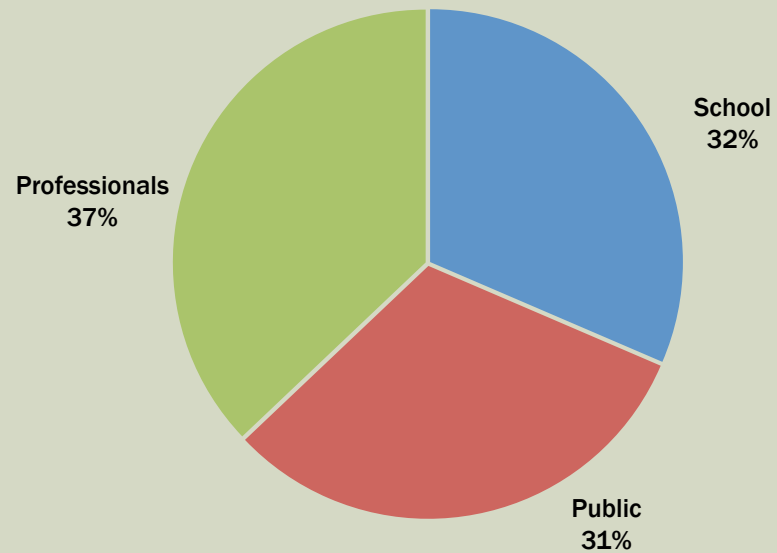


BELGIAN TRANSPLANT COORDINATORS

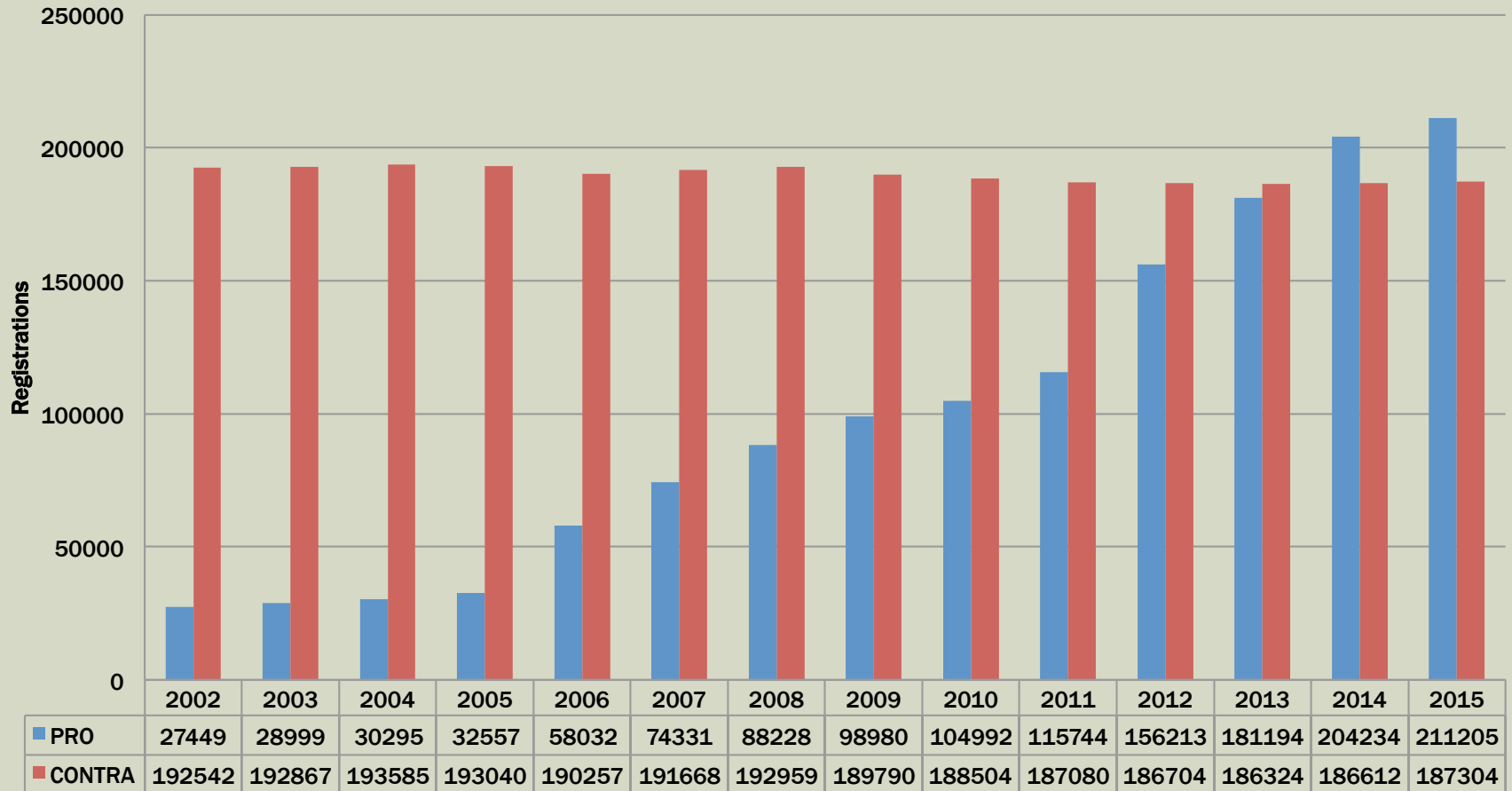
- **President:** I. Haentjens (UZG)
- **Vice-President:** D. Van Deynse (UCL)
- **Be-KPAC** G.Van Beeumen (UZA), Nelly Mauws (UZG)
- **Be-ThAC** W.Van Donink (UZA), D.Claes (UZL)
- **Be-LIAC** M.H.Delbouille (Ulg), Colenbie Luc (UZG)
- **Be-OPC** M.H.Delbouille (Ulg), Nelly Mauws (UZG), Gerda Van Beeumen (UZA), Bruno Desschans (UZL), Tineke Bogaerts(VUB), Dominique Van Gyssens Johan (Erasm)
- **LDEP** Nelly Mauws (UZG)
- **Belgian Transplant Council:** D. Van Deynse (UCL), I. Haentjens (UZG)
- **Belgian Transplant Society:** I. Haentjens (UZG), D. Van Deynse (UCL)
- **OPC Eurotransplant:** Bruno Desschans (UZL)
- **CSWG Eurotransplant:** W. Van Donink (UZA)
- **Financial Committee Eurotransplant:** L. Colenbie (UZG)
- **ETCO National Keymember:** I.Haentjens (UZG)

ACTIVITIES 2015

- EDHEP training: 7 sessions
- PRESENTATIONS:



REGISTER NATIONAL DATABANK

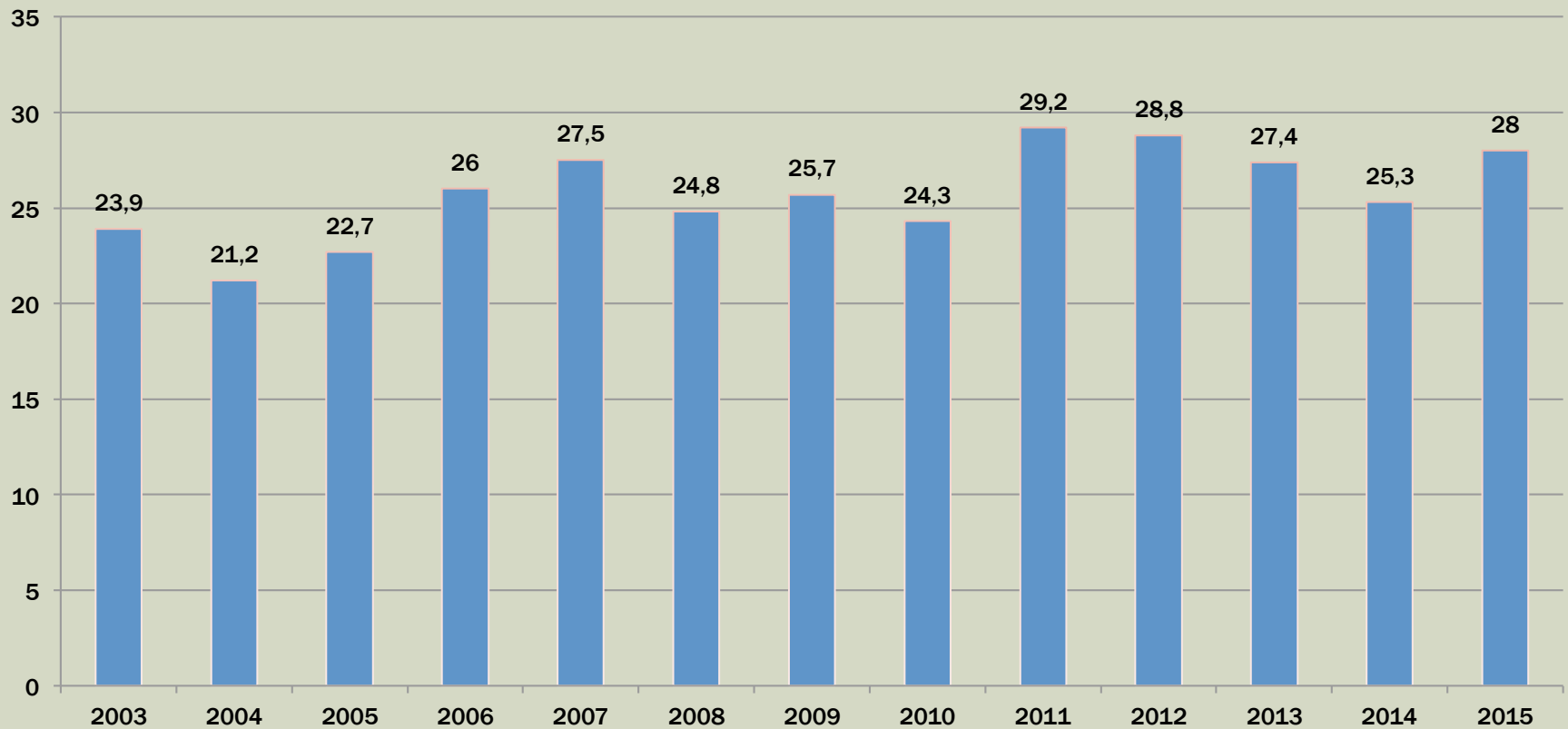


DONOR STATISTICS 2015

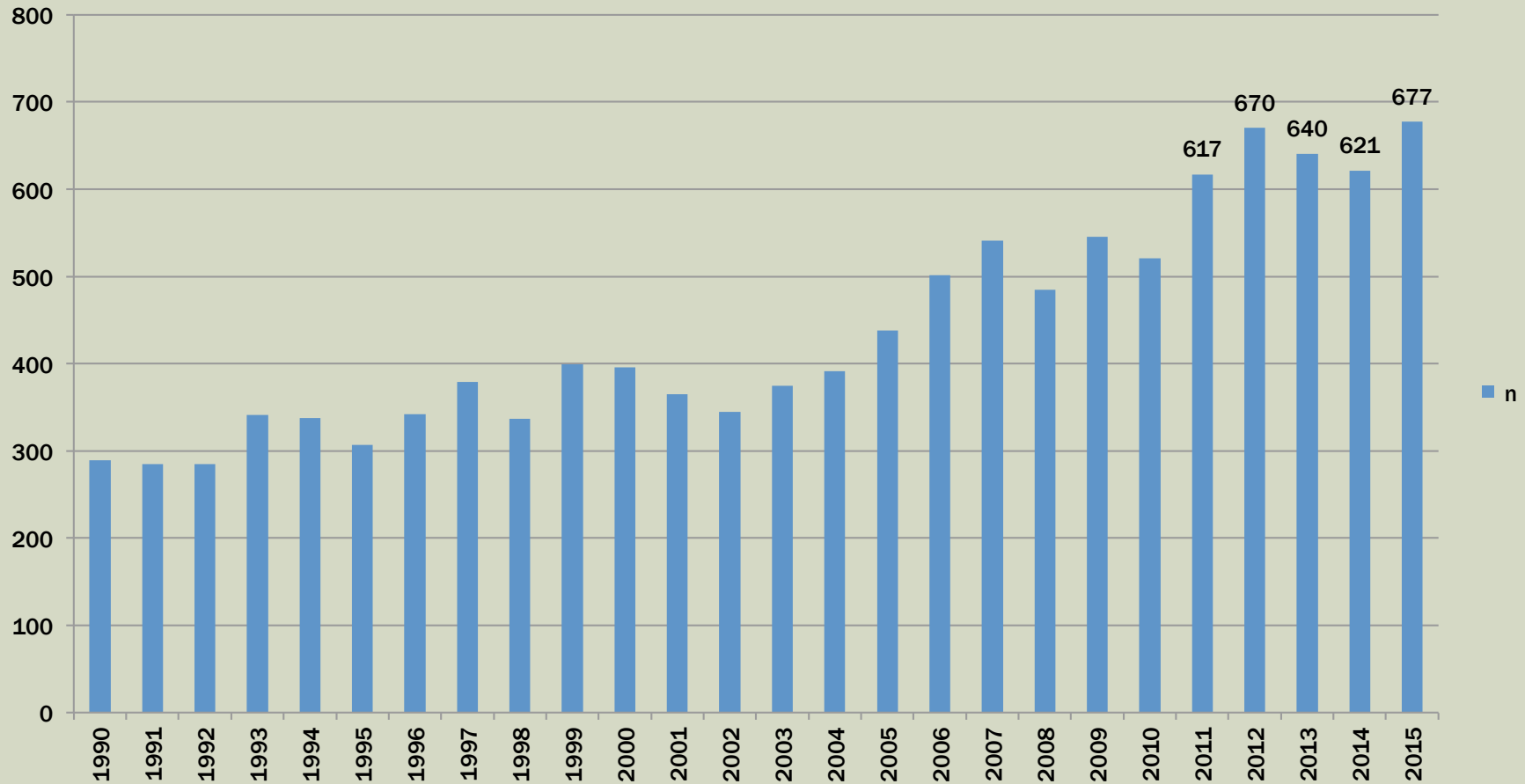


DONORS PMI / BELGIUM

Belgium

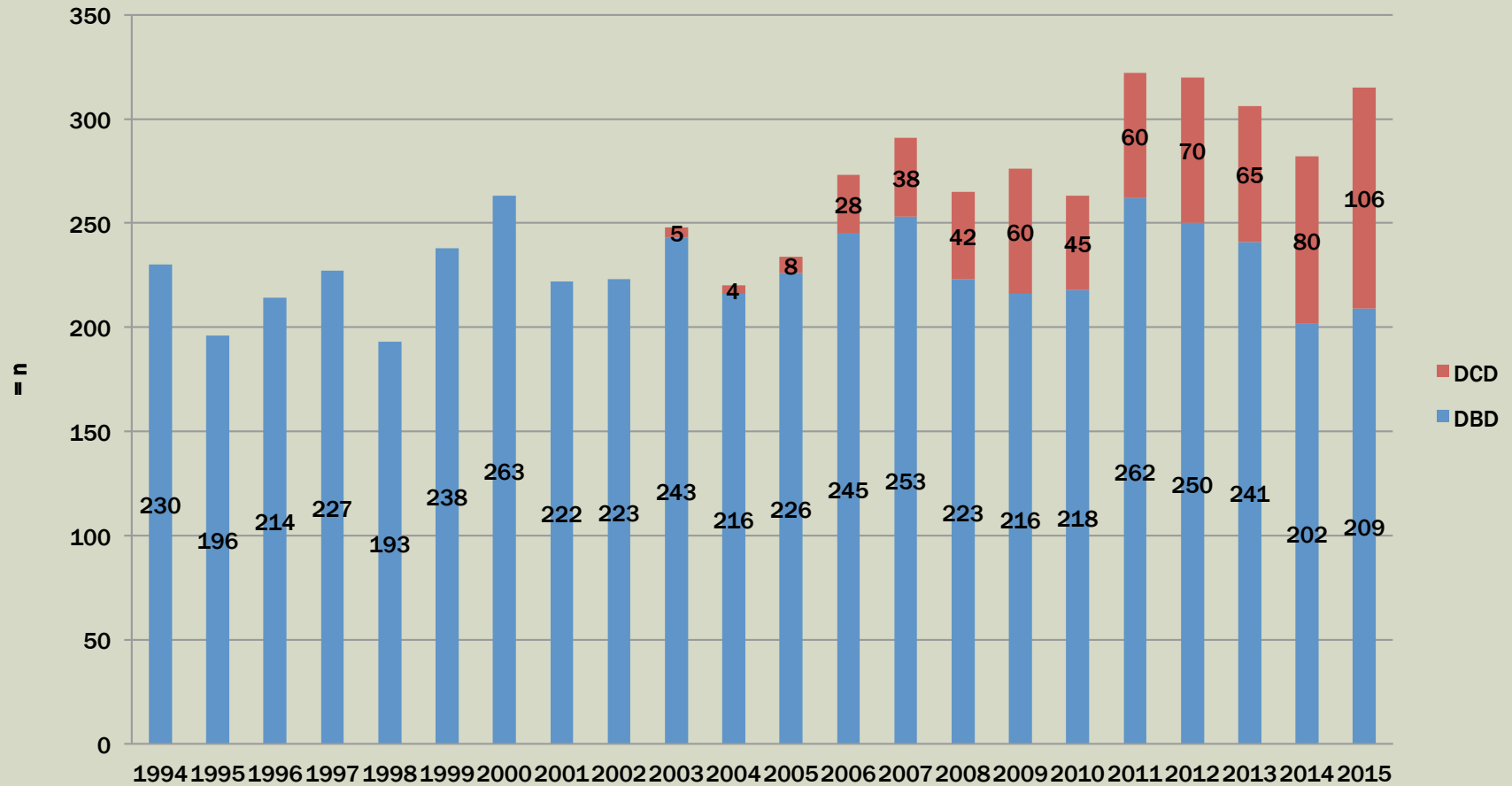


POTENTIAL DONOR 1990 - 2015



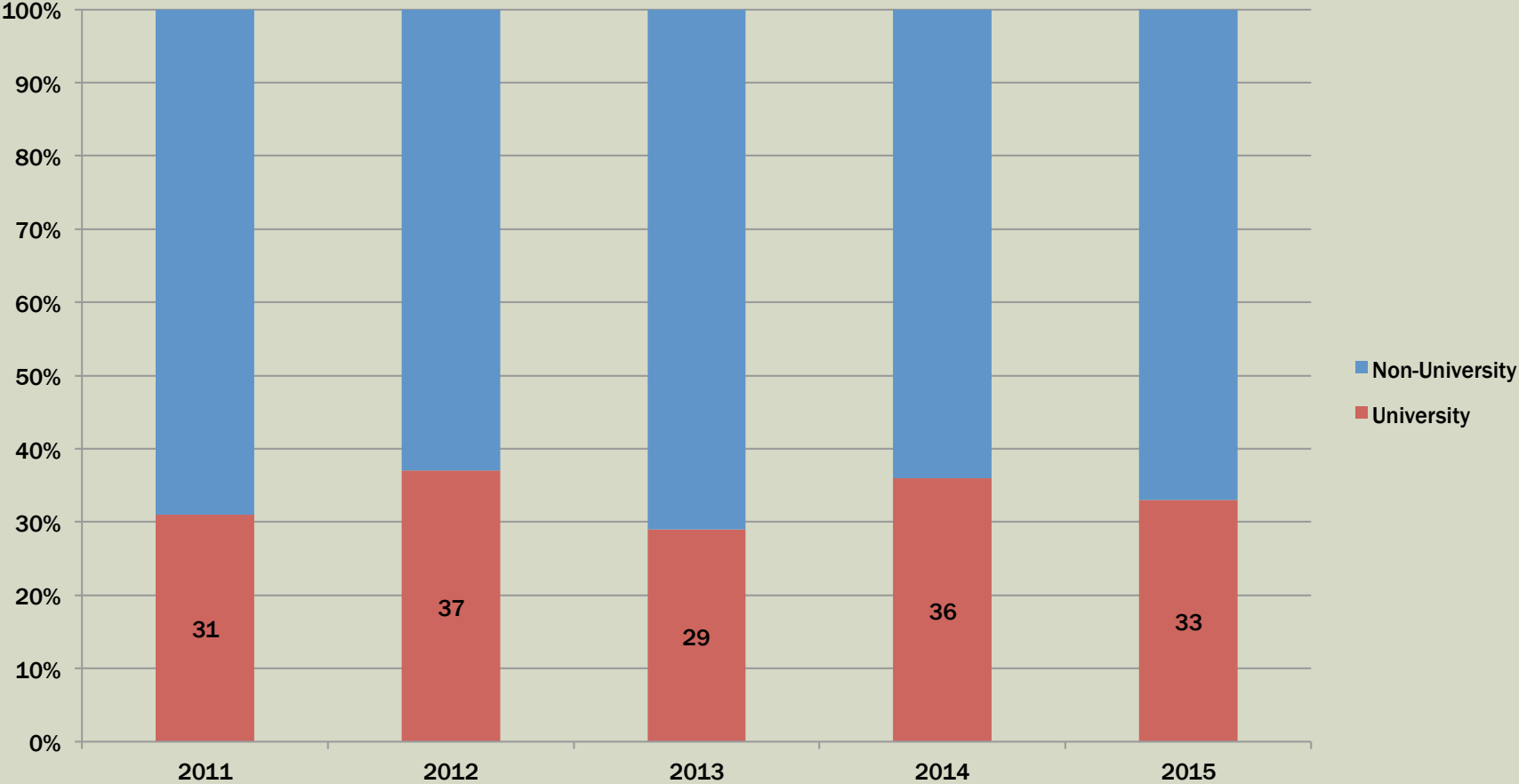
Note: underestimation of potential donors in early years

EFFECTIVE ORGAN DONORS 1994 - 2015

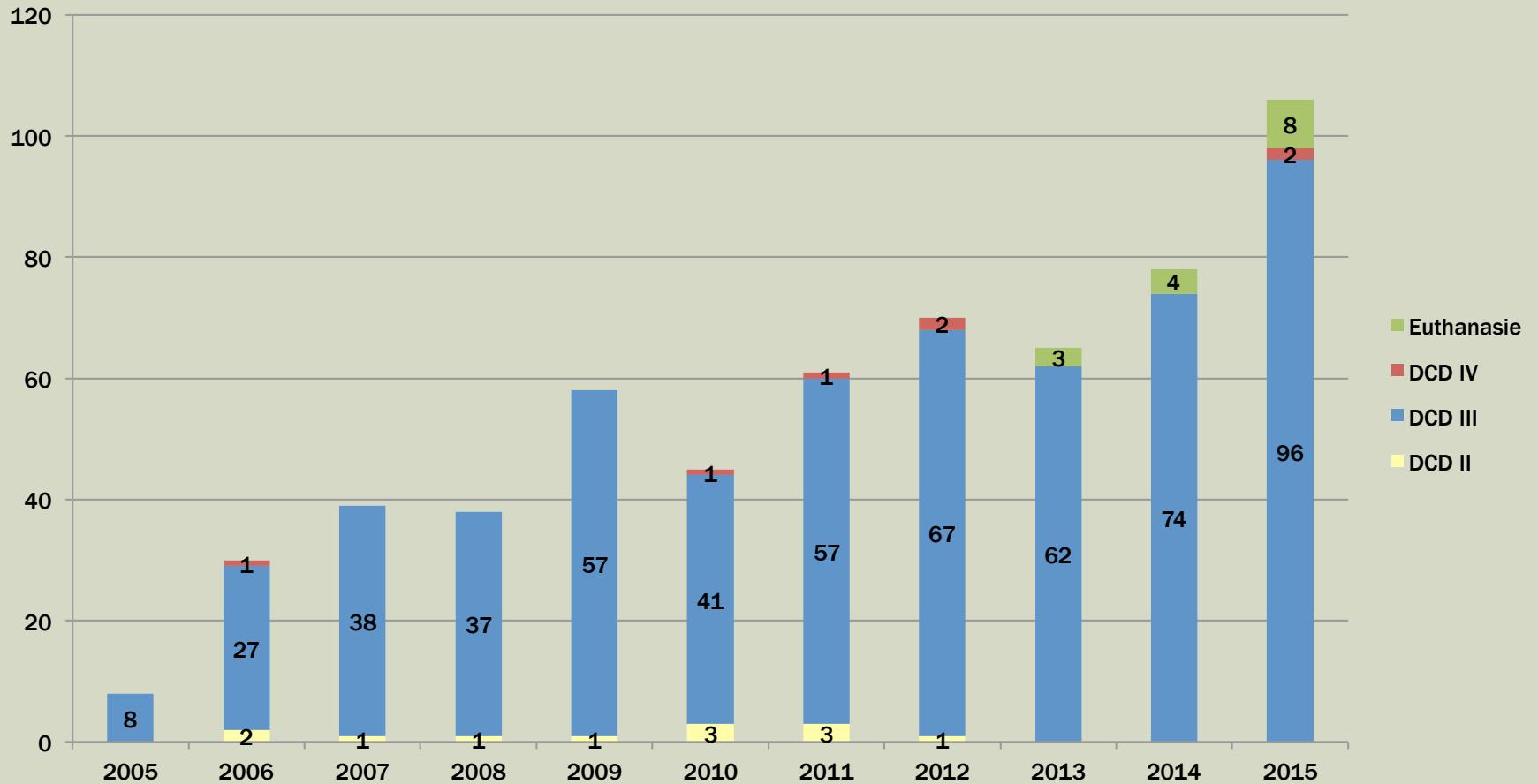


n = 315

DONOR: DONOR ORIGIN

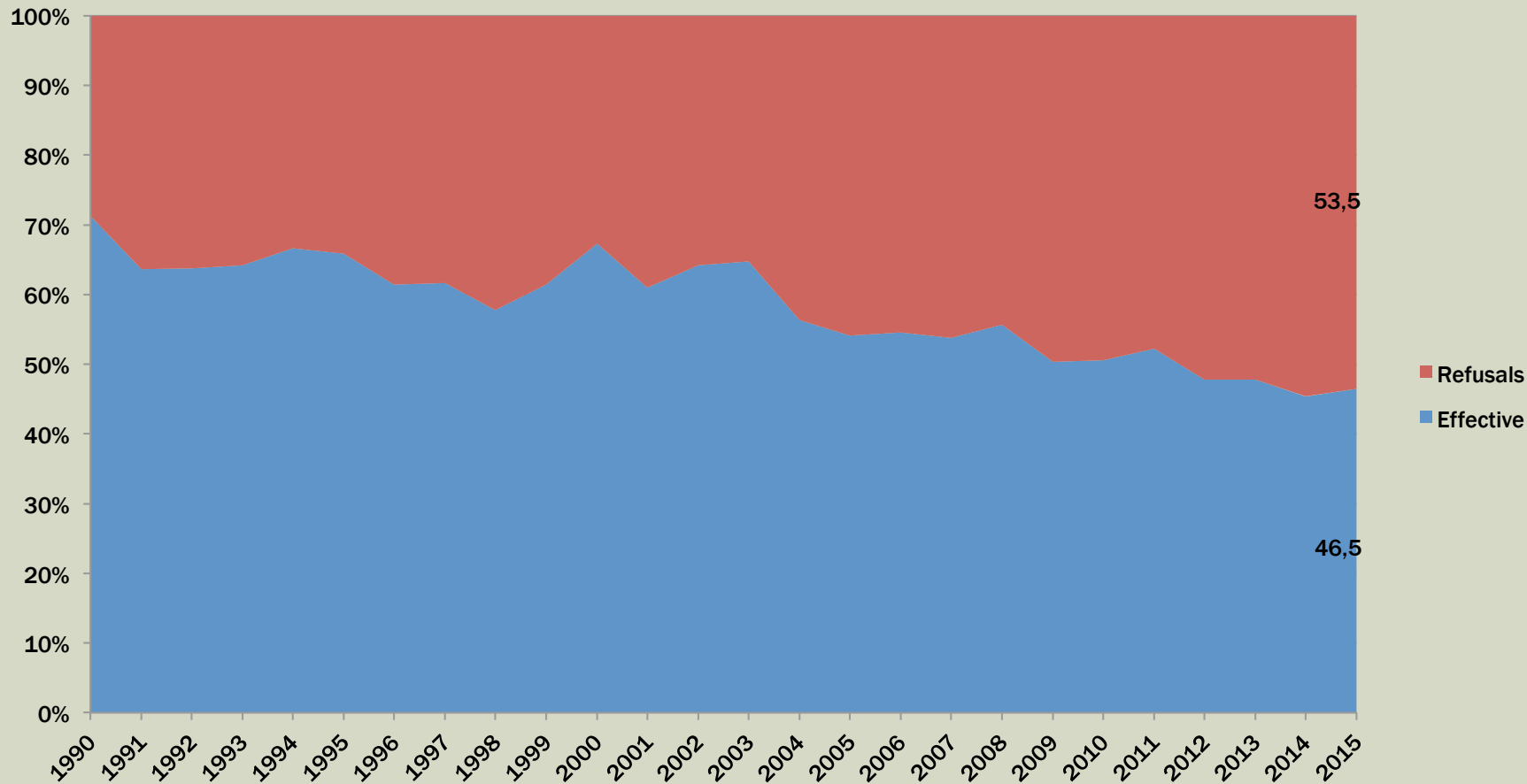


EFFECTIVE DCD 2005 - 2015

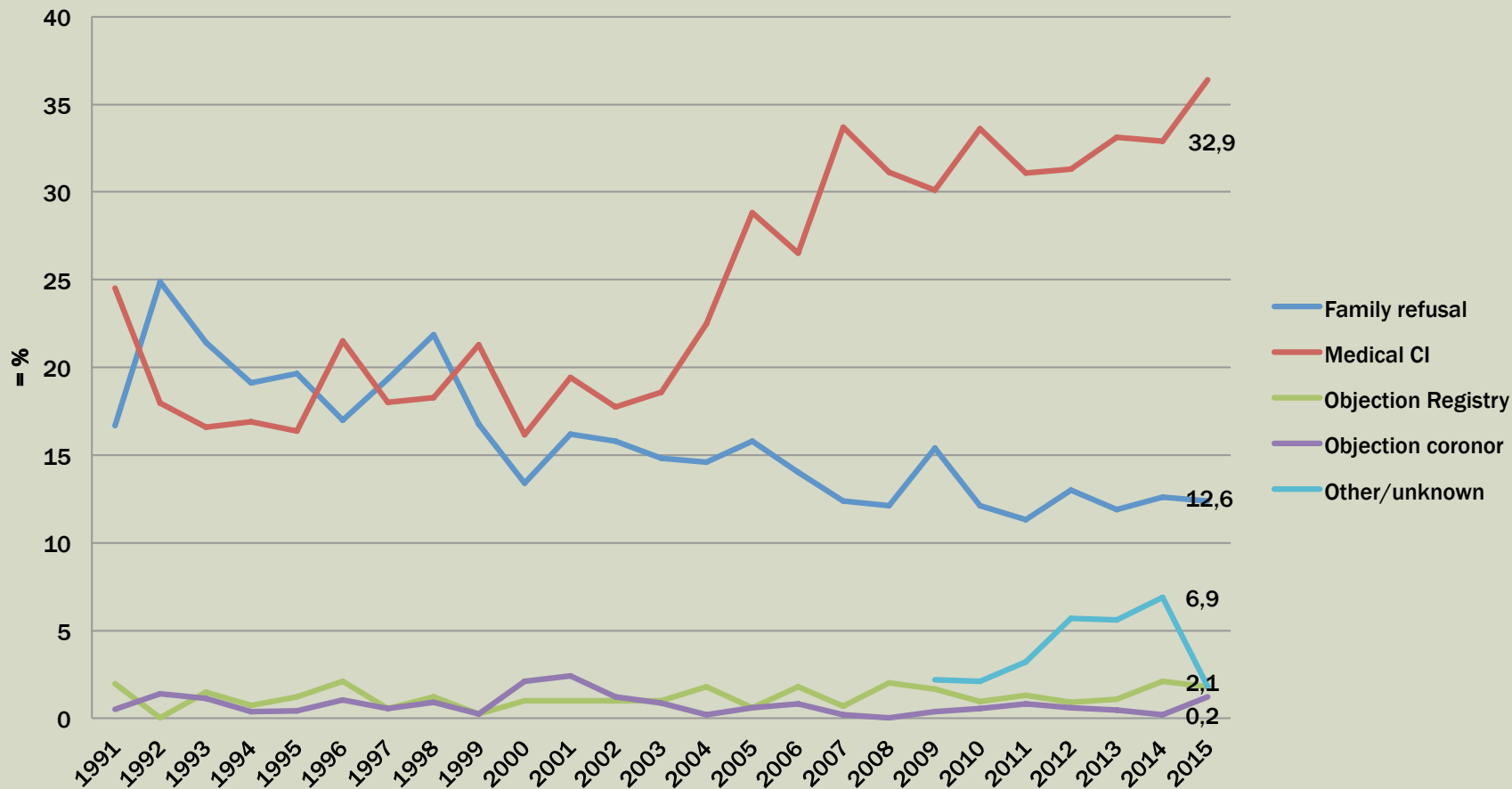


n= 106

% EFFECTIVE ORGAN DONORS 1990 - 2015



% REASON OF NO DONATION 1991 - 2015

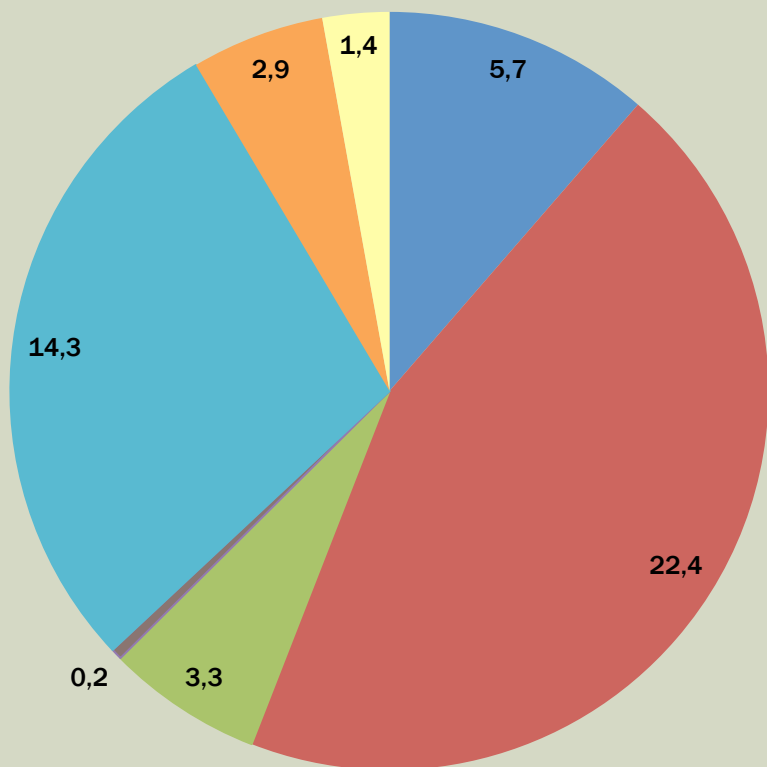


REFUSALS POTENTIAL ORGAN DONORS

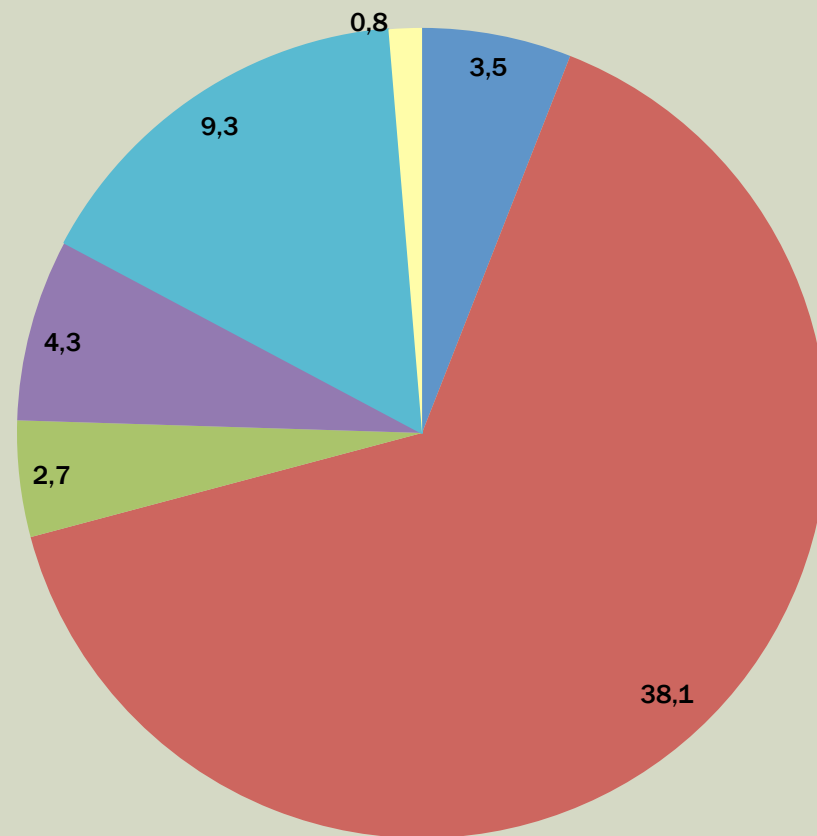
REFUSALS	DBD (%)	DCD (%)	All potential (%)
In register			
2015	2,9	0	1,8
2014	2,3	1,8	2,1
By family			
2015	14,3	9,3	12,4
2014	14,7	8,8	12,6
2013	13,2	9	11,9
Medical refusal (on file + in situ)			
2015	28,2	41,6	33,3
2014	23,9	48,6	32,9
2013	23	45,5	29,7

% REFUSAL POTENTIAL DONORS 2015

DBD VS DCD



■ Medical in situ
 ■ Medical on file
 ■ Not brain death
■ Other
 ■ Refusal by relatives
 ■ Refusal in registry
■ Coroner refusal

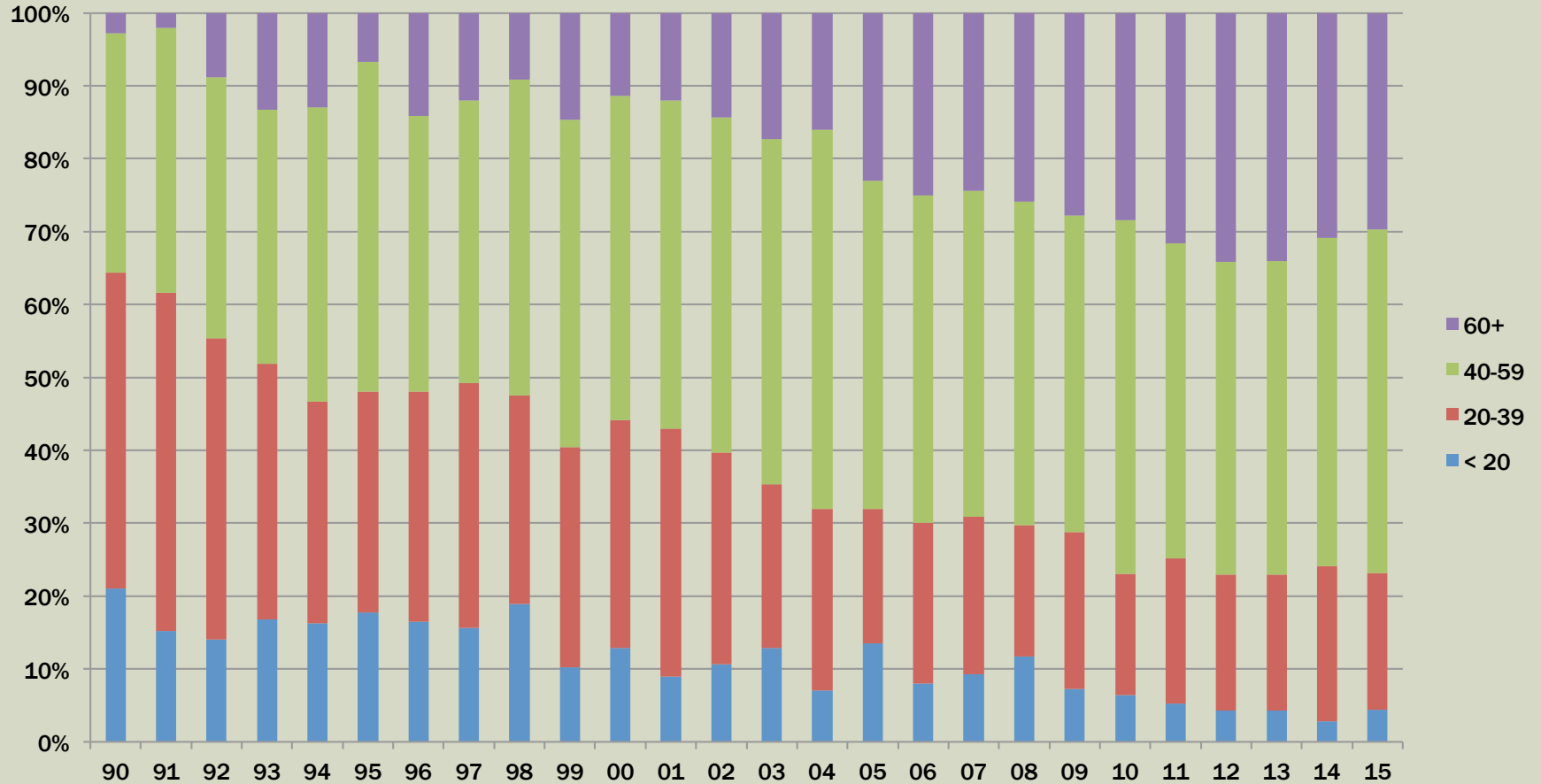


■ Medical in situ
 ■ Medical on file
 ■ Not brain death
■ Other
 ■ Refusal by relatives
 ■ Refusal in registry
■ Coroner refusal

DONOR PROFILE (DECEASED ORGAN DONORS)



AGE OF EFFECTIVE DONORS 1990 - 2015



Note number of donors

1994: 230

vs

2015: 315

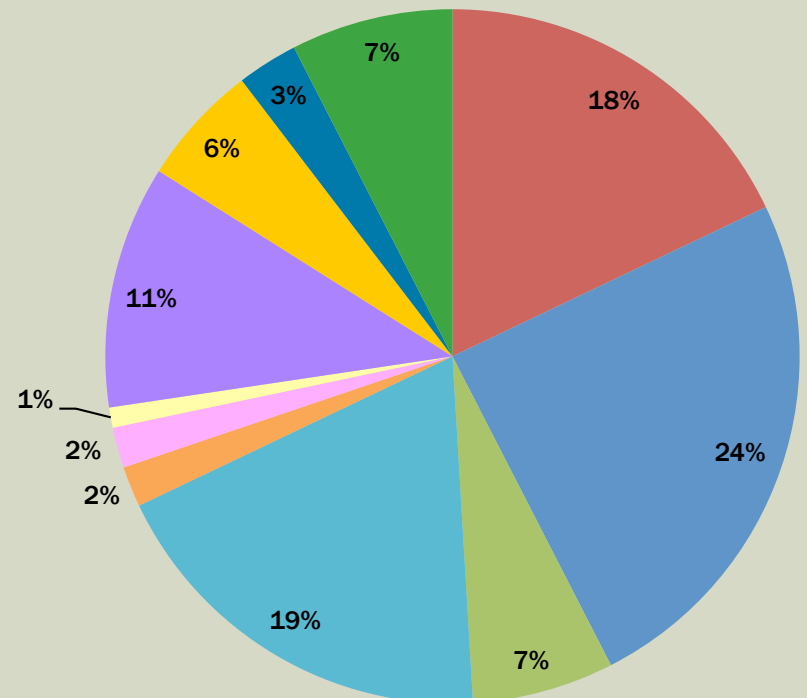
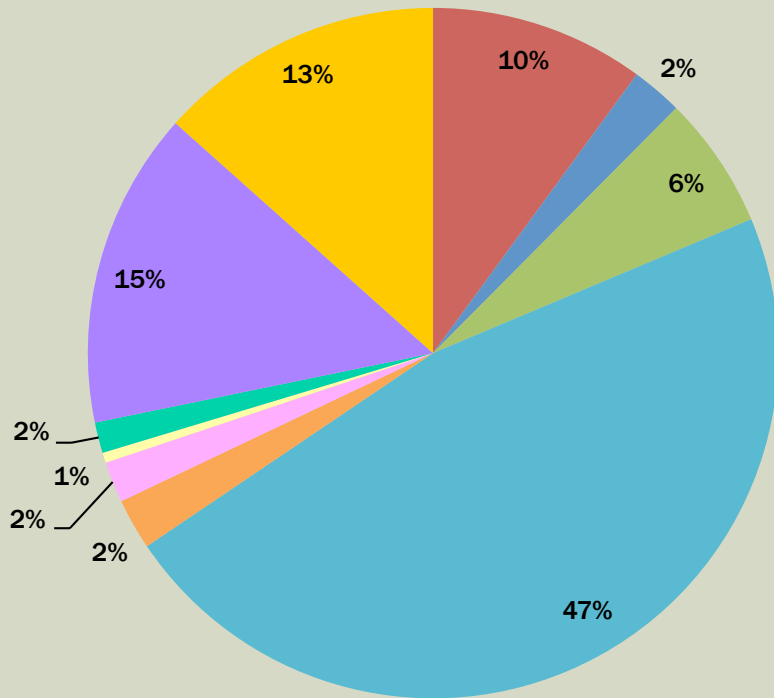
AGE OF ORGAN DONORS 2015

AGE	DBD	DCD	Total
Donor max	91	78	91
Donor min	1	14	1
Mediaan (IQR)	53 (40-63)	51 (44-59)	52 (41-61)
Average	50	50	50

AGE	Heart	Lung	Liver	Kidney	Pancreas
Oldest 2015	66	79	91	79	22
Oldest 2014	58	79	86	79	49

CAUSE OF DEATH DONORS 2015

DBD VS DCD

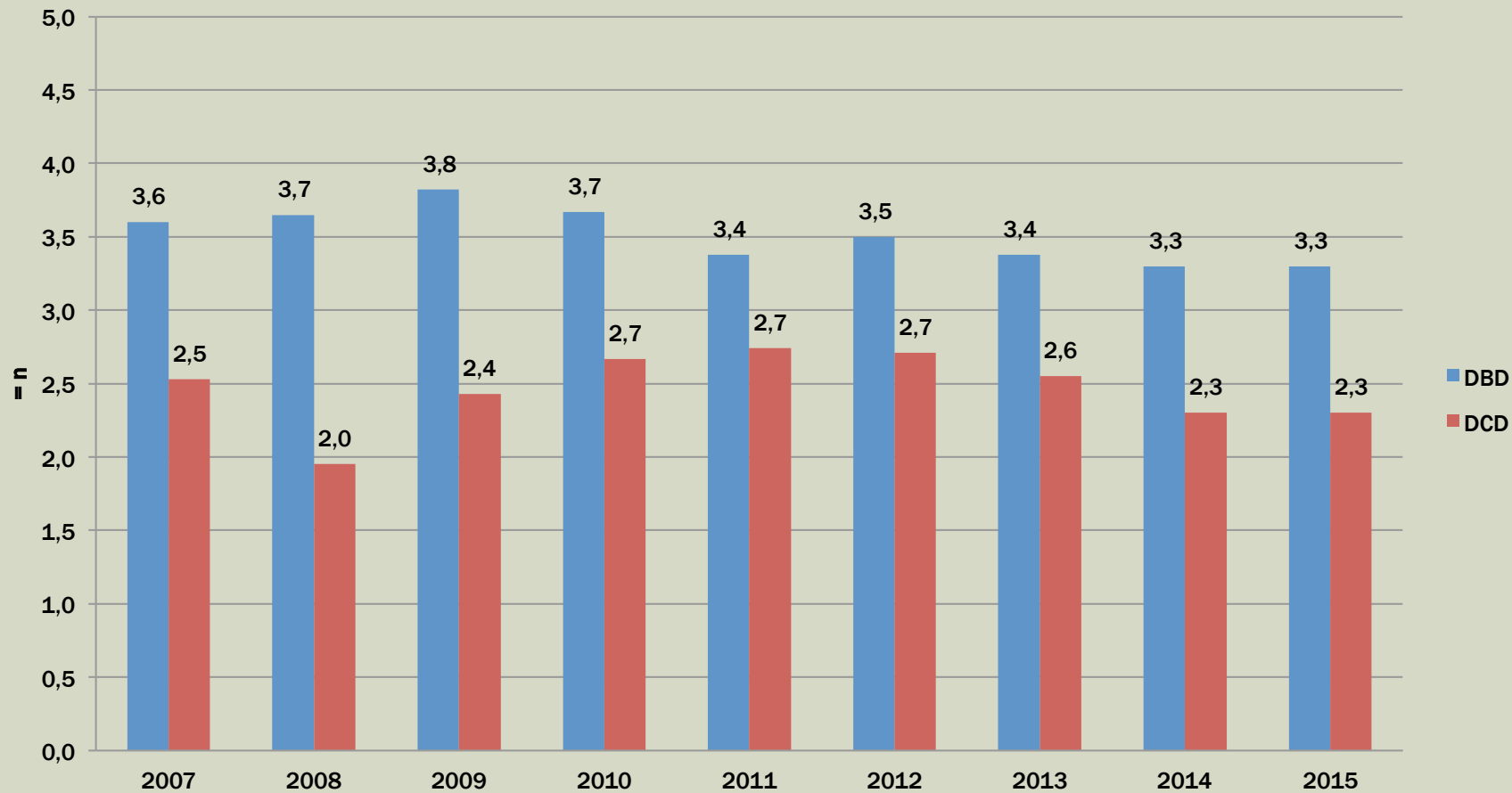


- Anoxia / Strangulation
- Cardiovascular
- Cerebral Ischemia
- ICB
- Intoxication (suicide)
- Meningitis
- Other
- Suicide (gunshot)
- Trauma (other)
- Trauma (road accident)

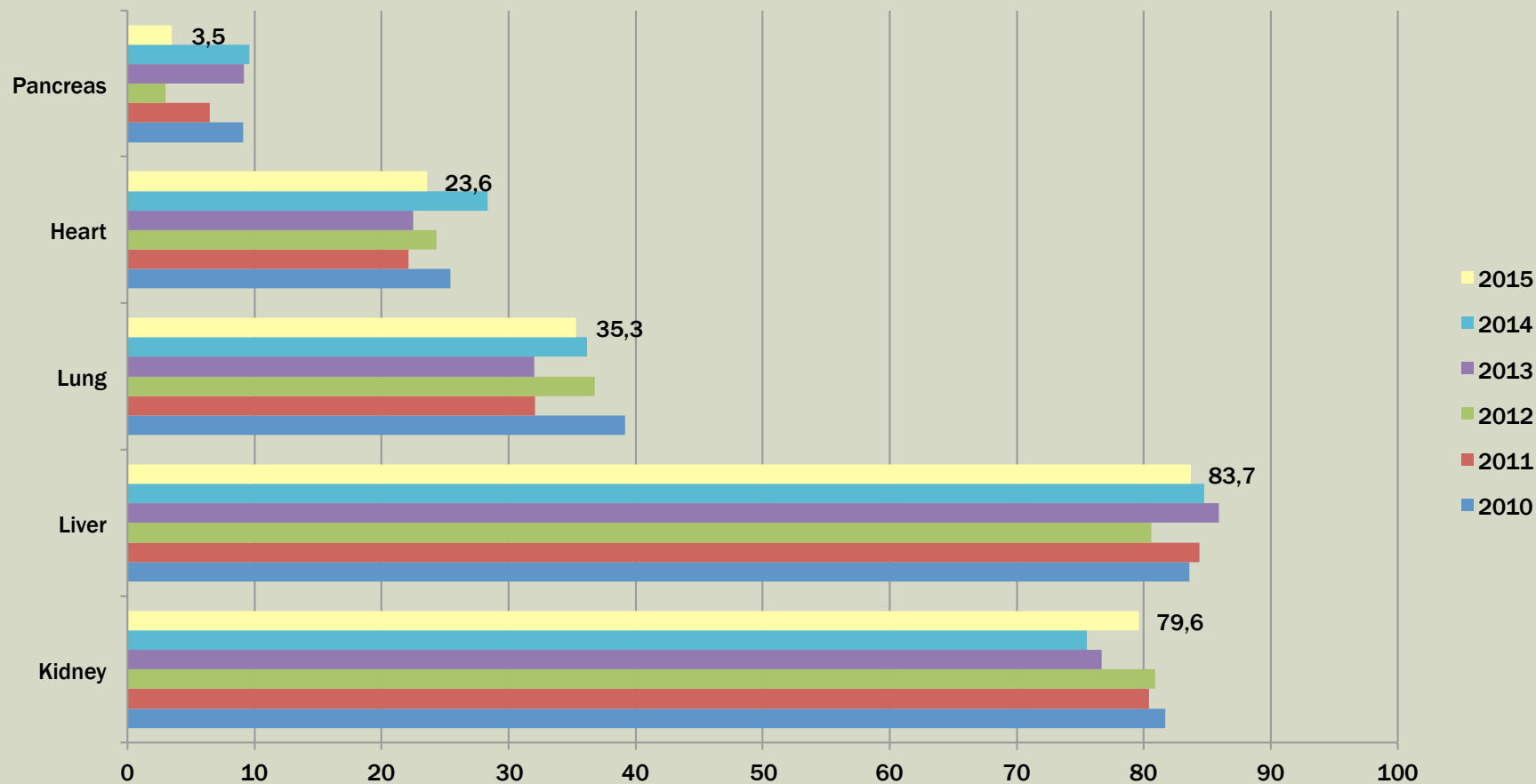
- Anoxia / Strangulation
- Cardiovascular
- Cerebral Ischemia
- ICB
- Intoxication (suicide)
- Meningitis
- Other
- Tumor
- Trauma (other)
- Trauma (road accident)
- Euthanasie

ORGANS USED FOR TX

DBD VS DCD



% USED ORGANS OF EFFECTIVE DONORS 2010 - 2015

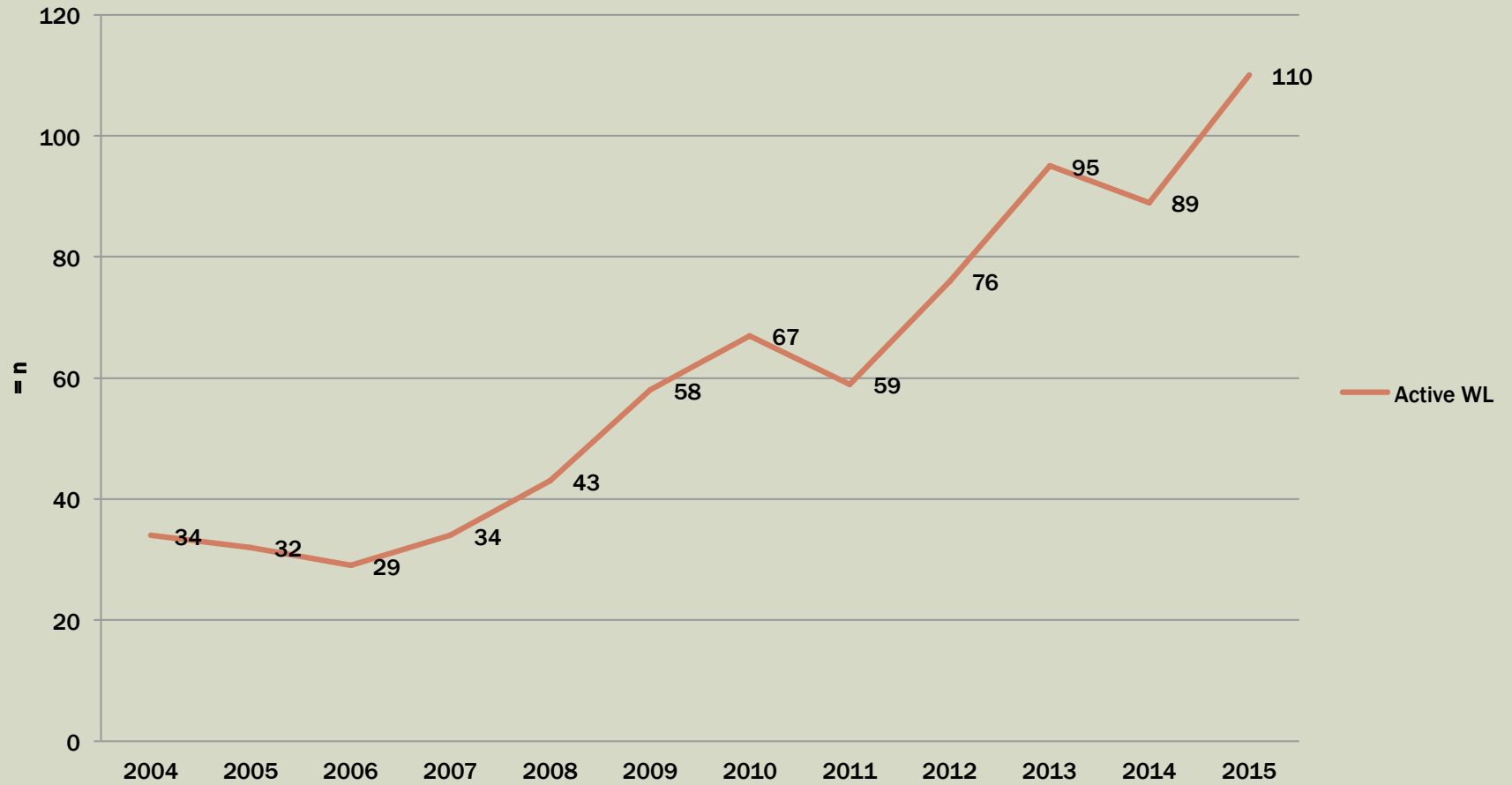


STATISTICS 2015

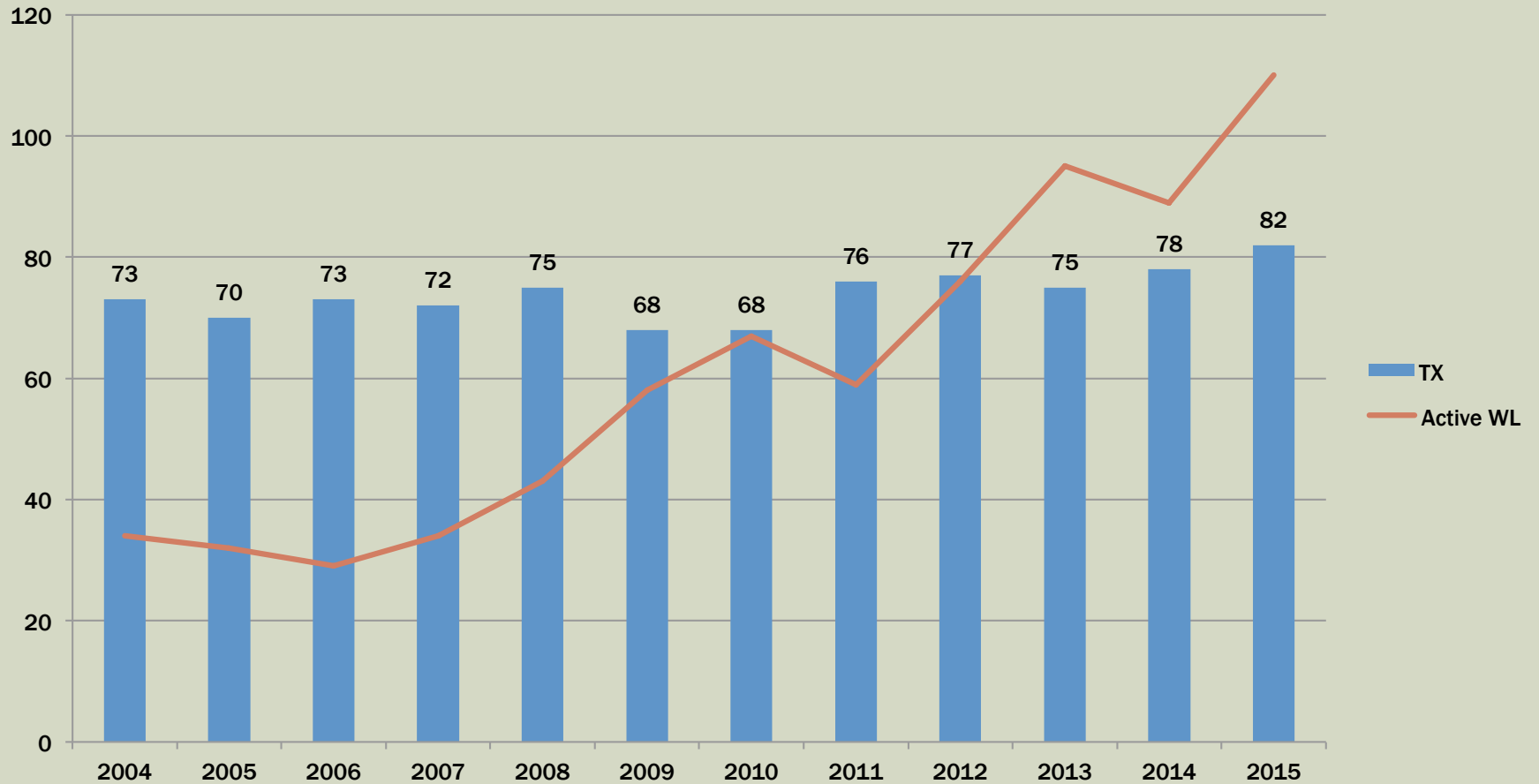
WAITINGLIST (WL)
TRANSPLANTS (DECEASED DONORS)
MORTALITY



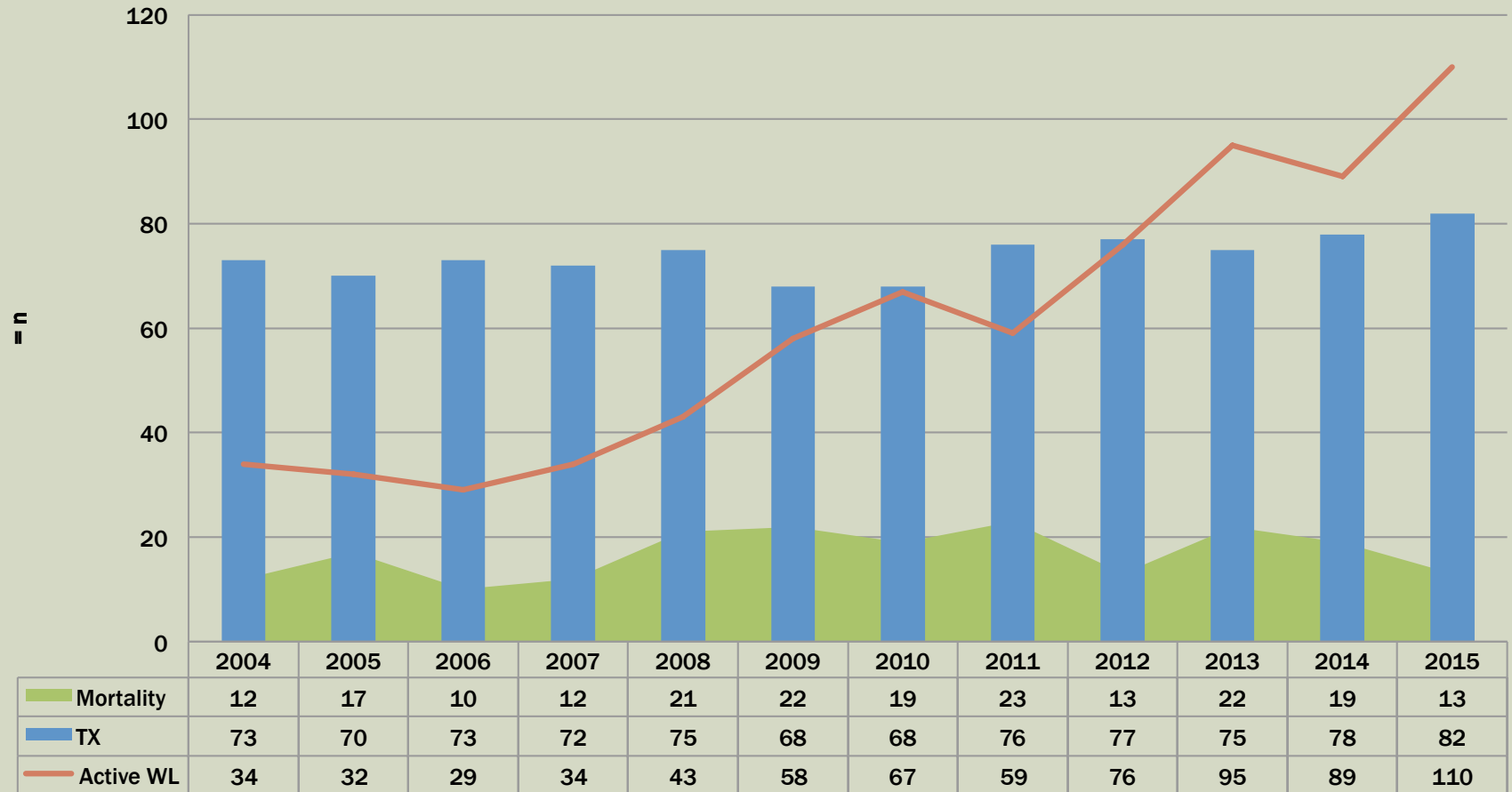
HEART 2015



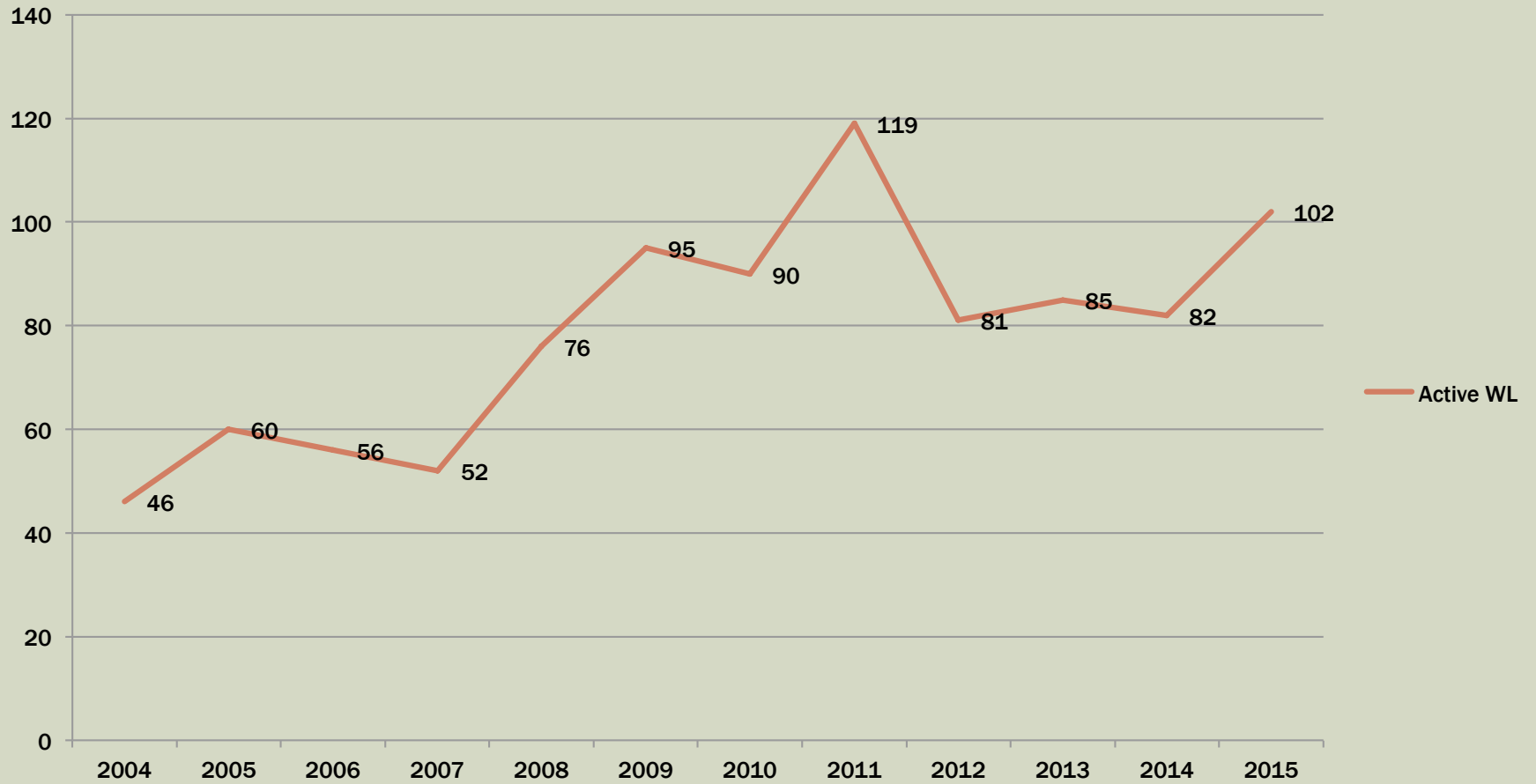
HEART 2015



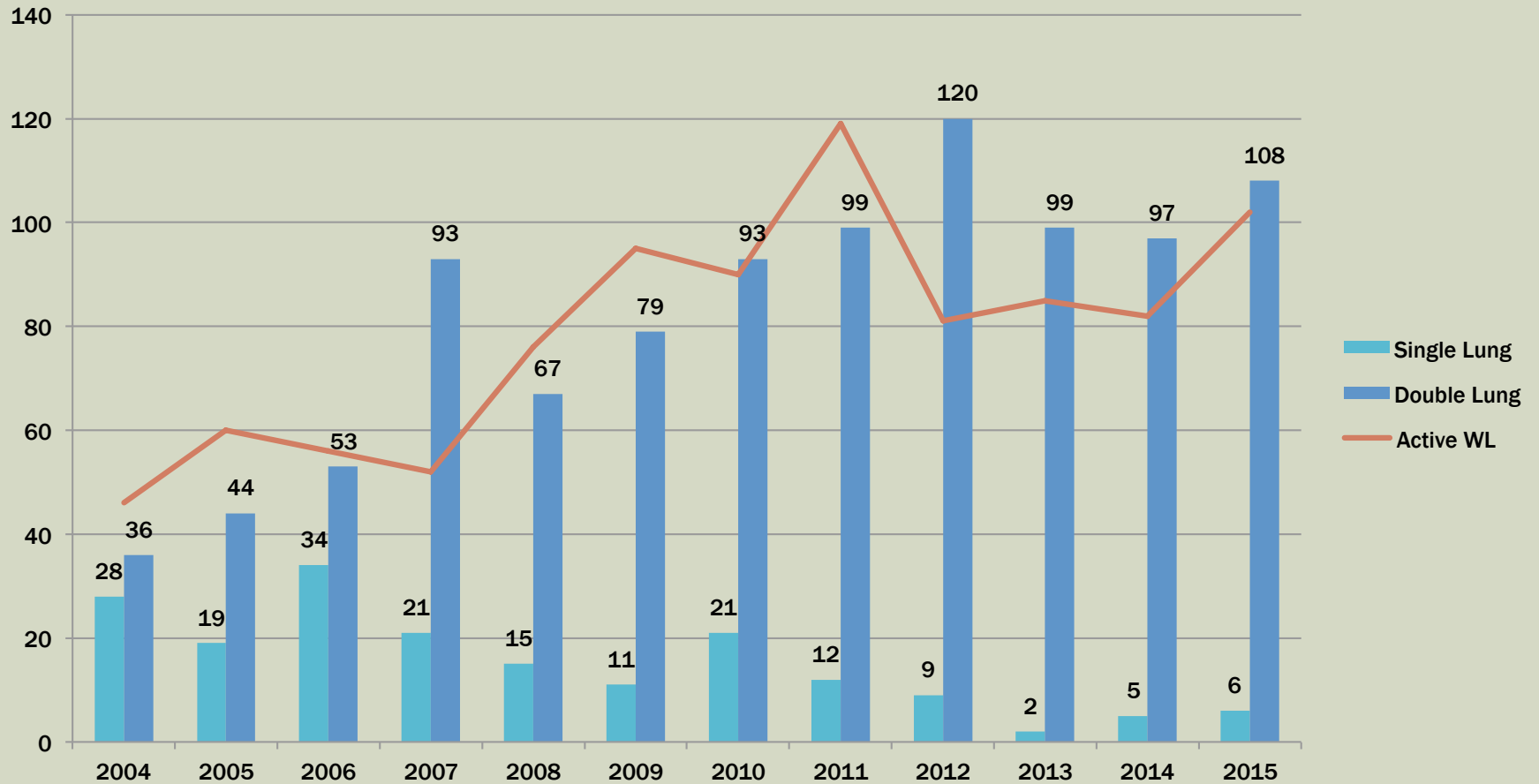
HEART 2015



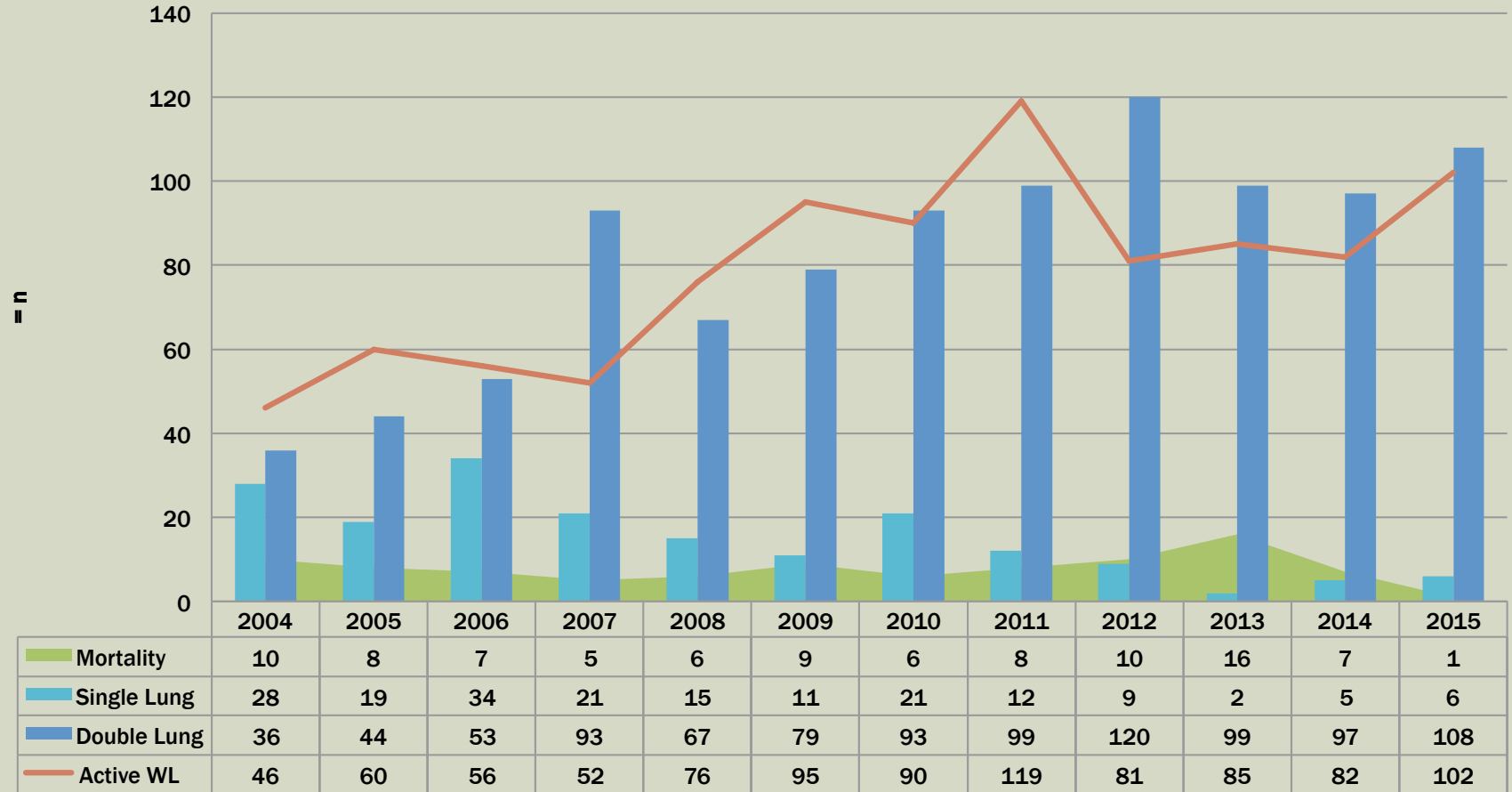
LUNG 2015



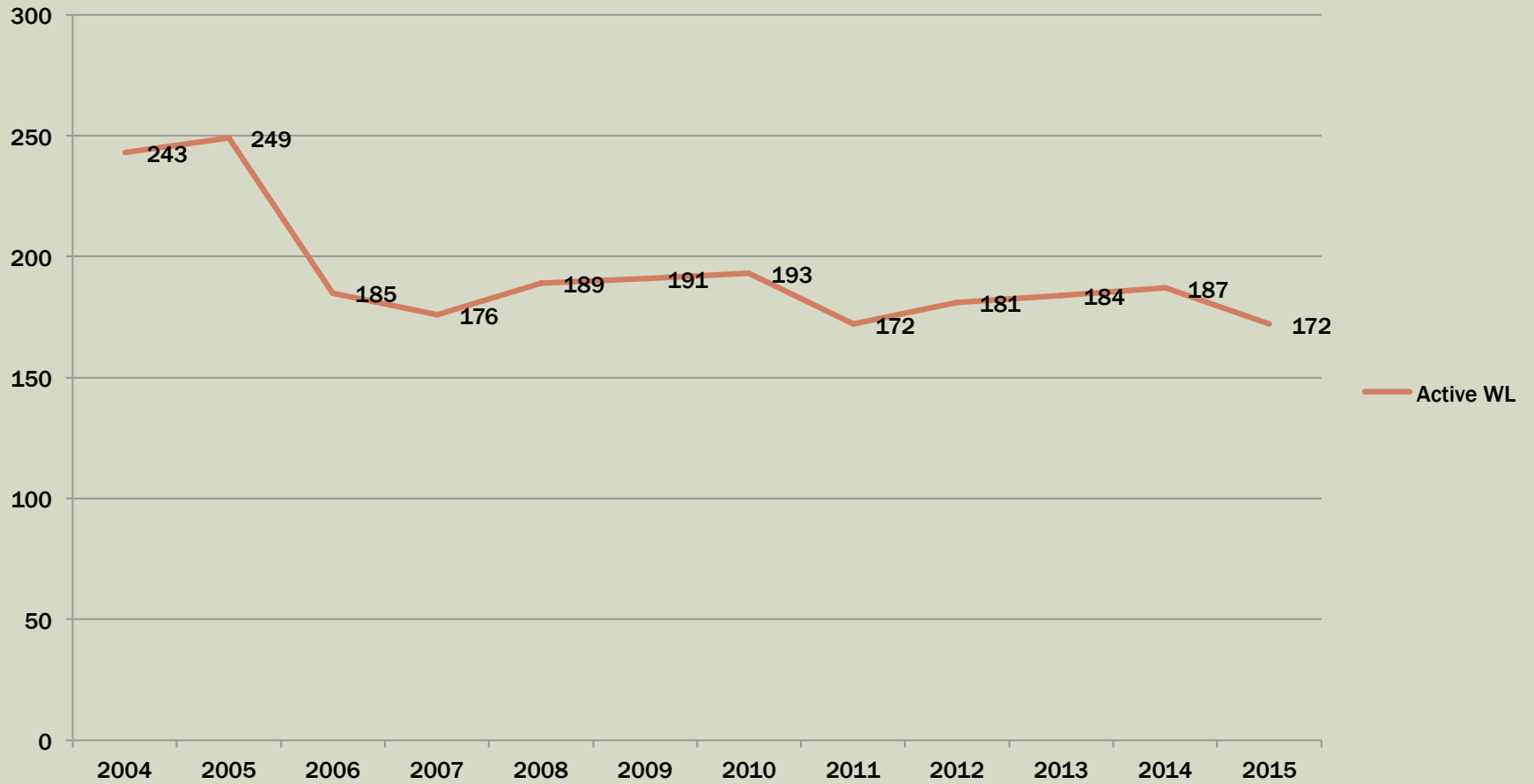
LUNG 2015



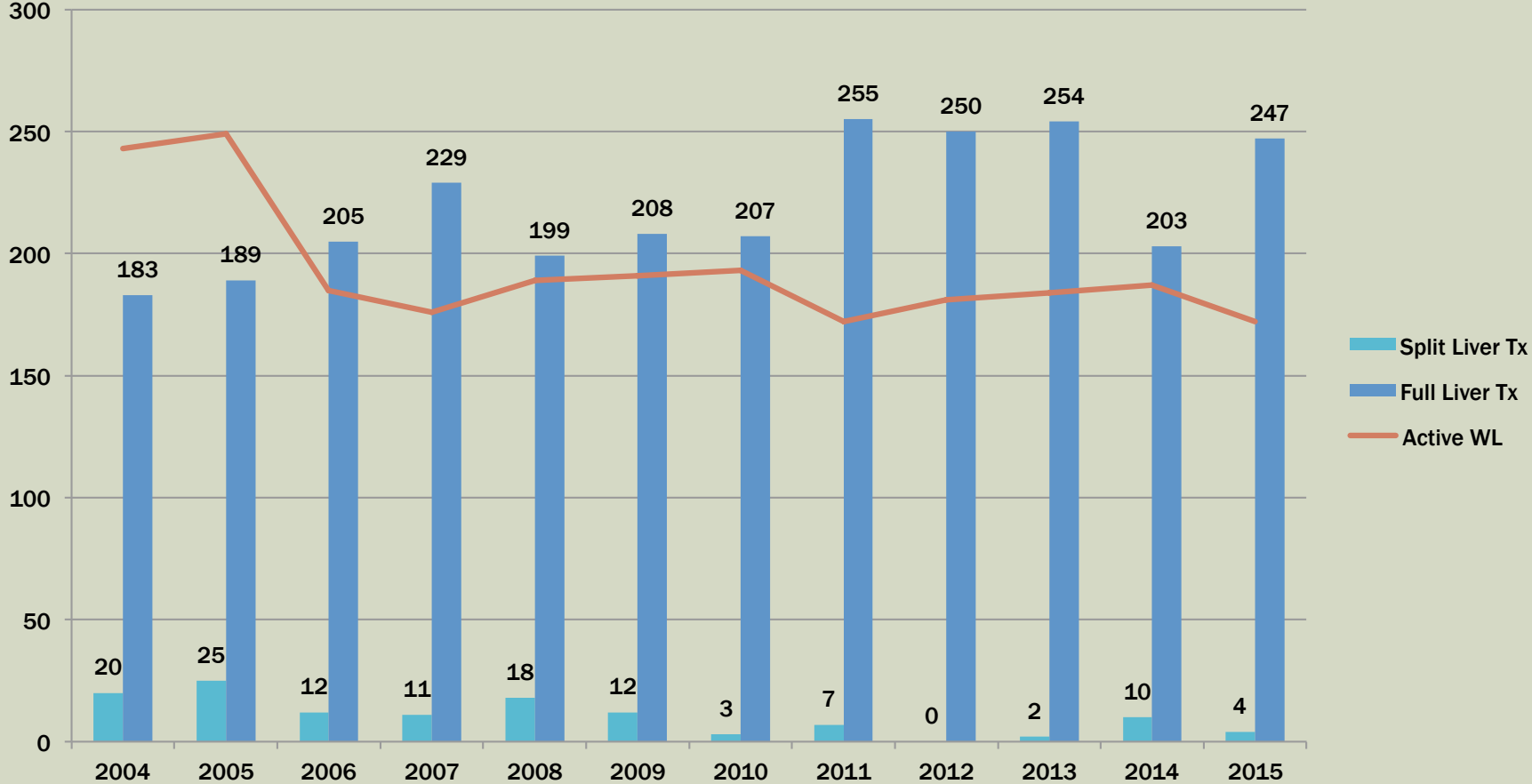
LUNG 2015



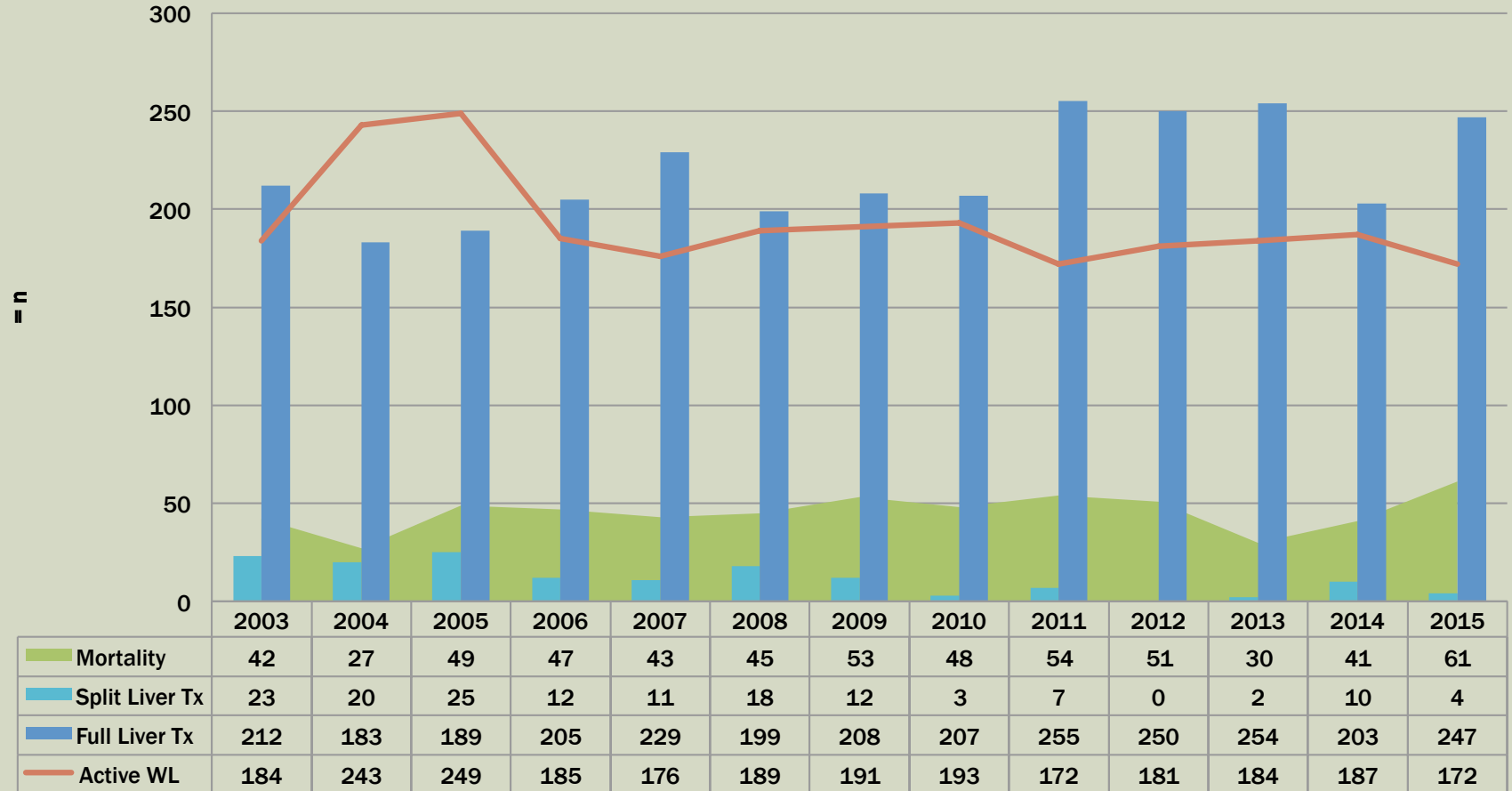
LIVER 2015



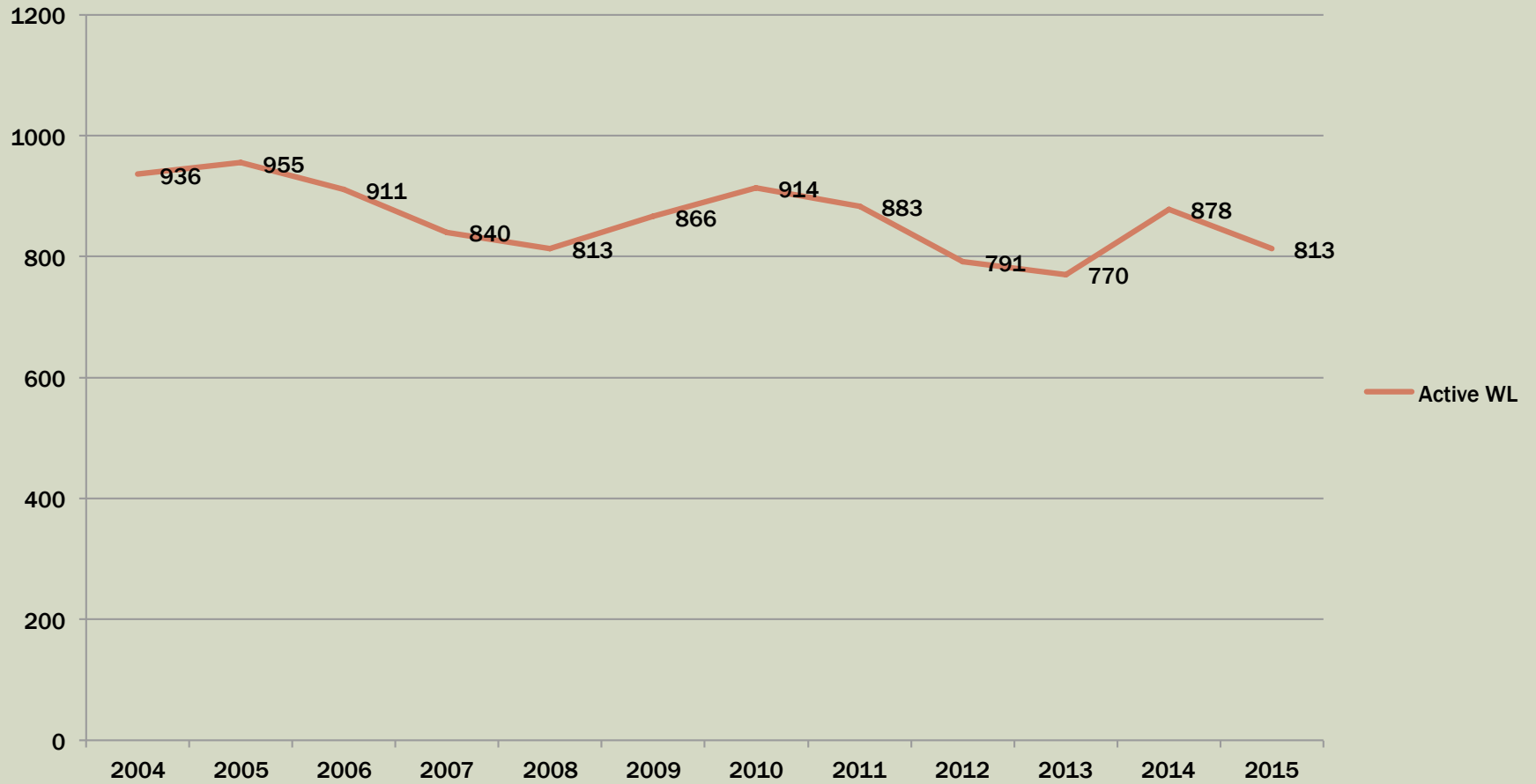
LIVER 2015



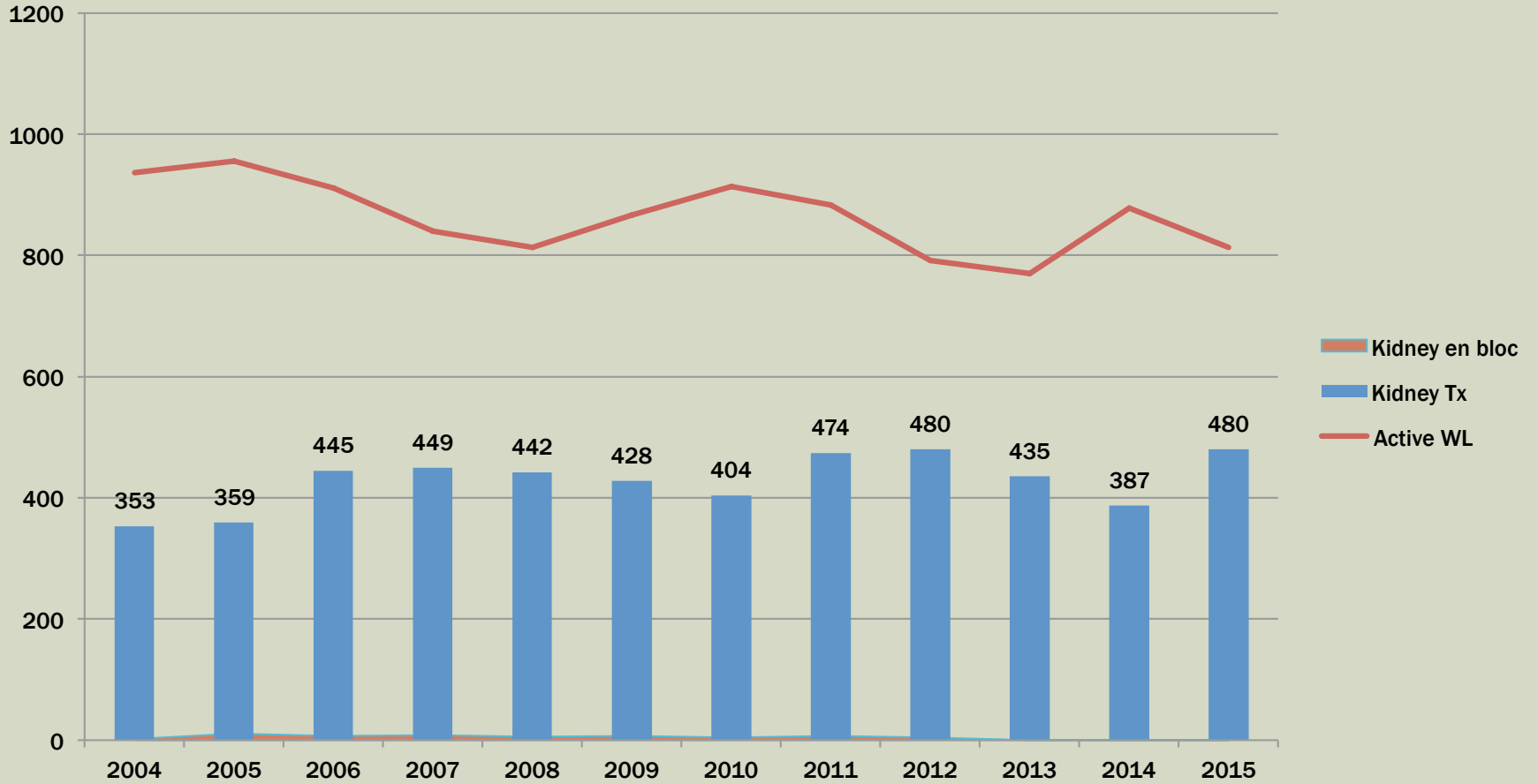
LIVER 2015



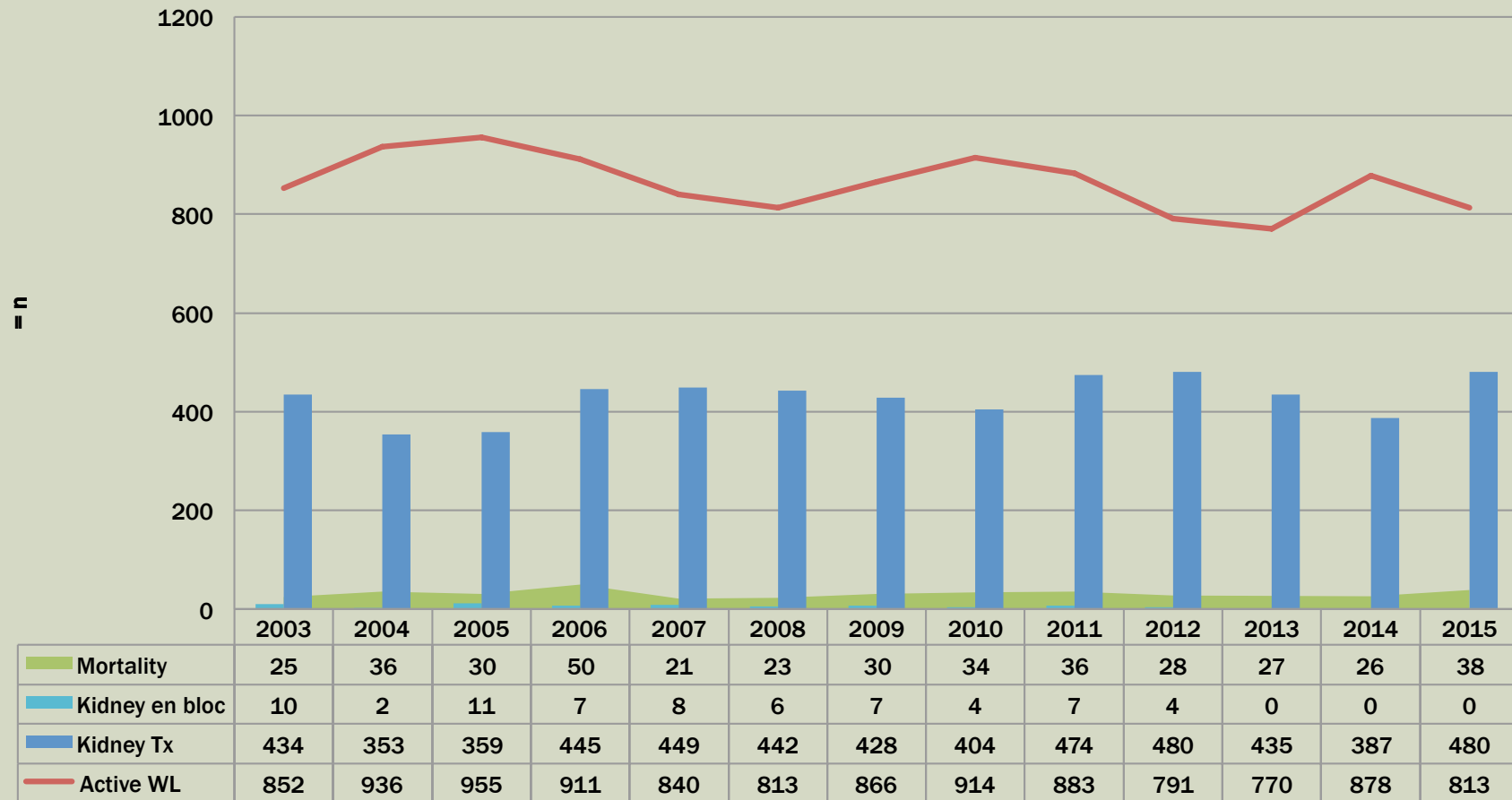
KIDNEY 2015



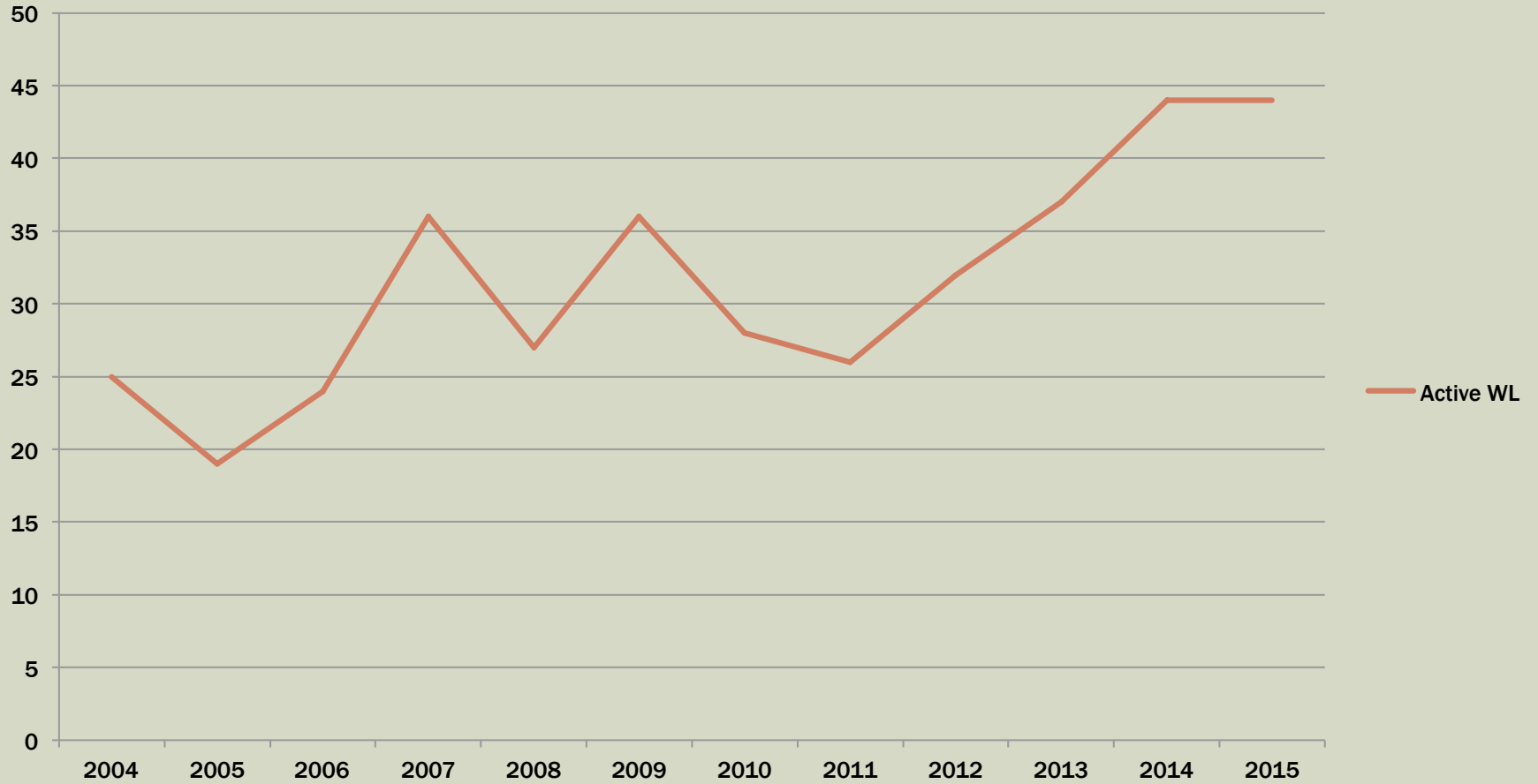
KIDNEY 2015



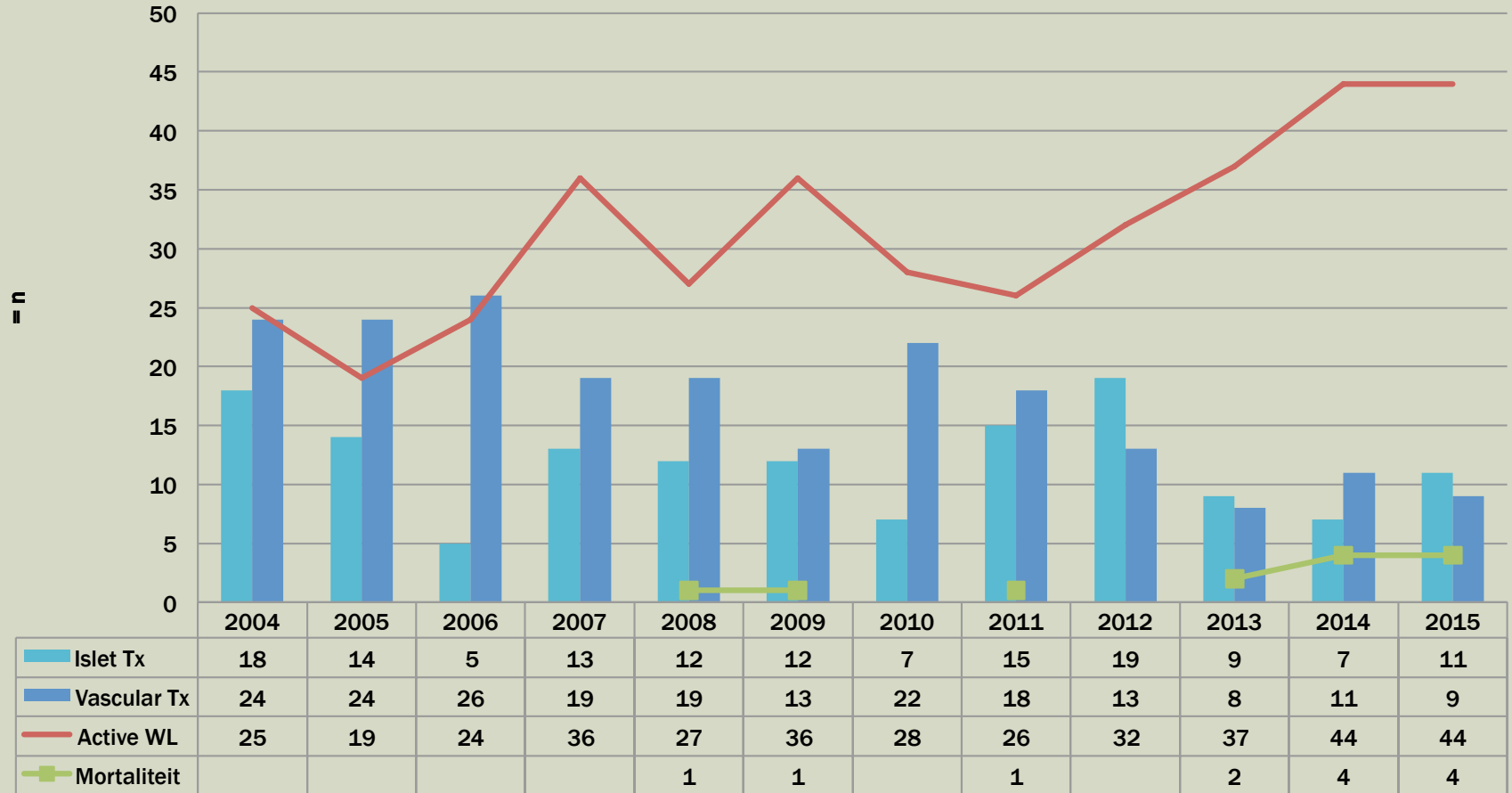
KIDNEY 2015



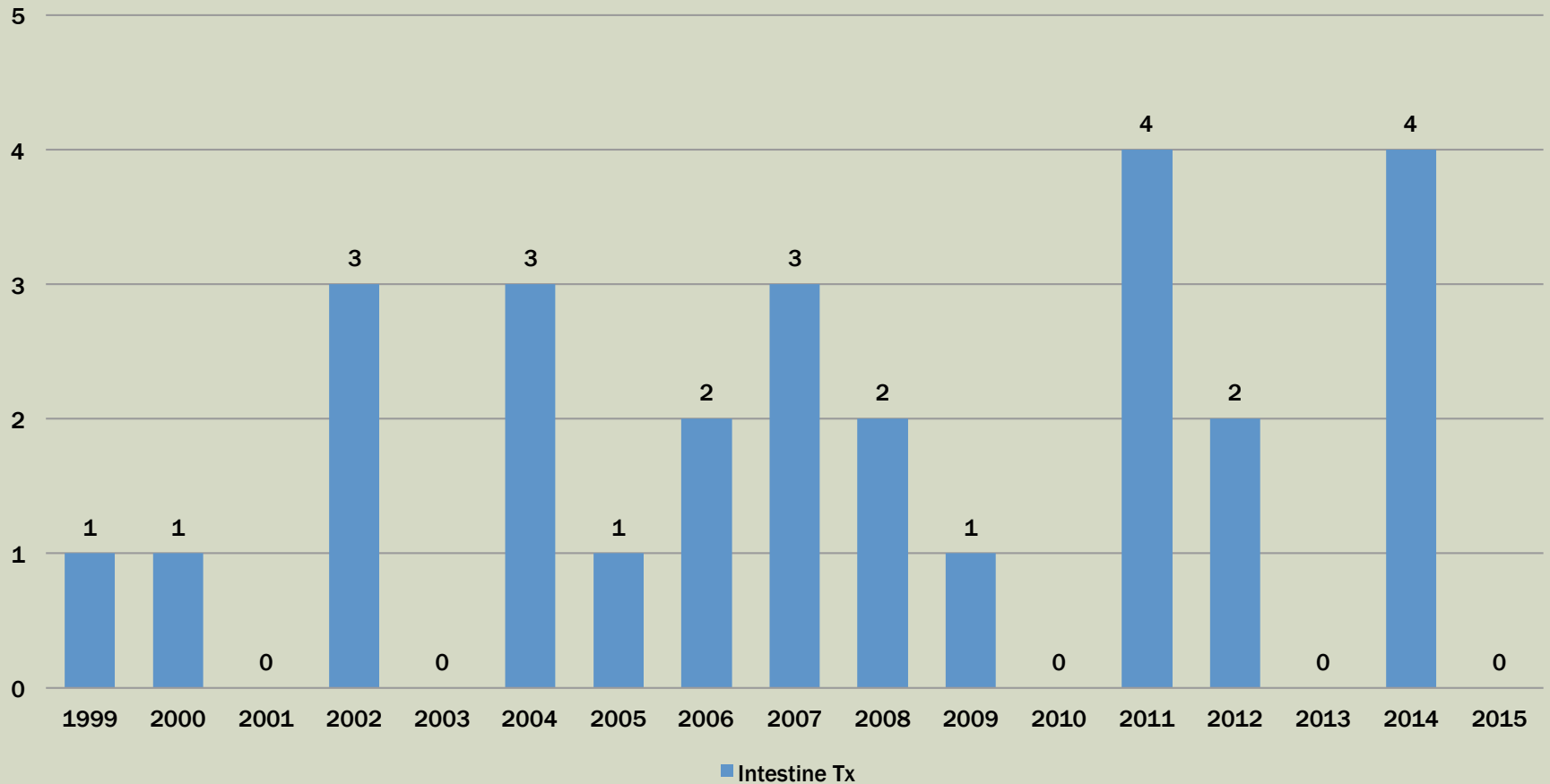
PANCREAS 2015



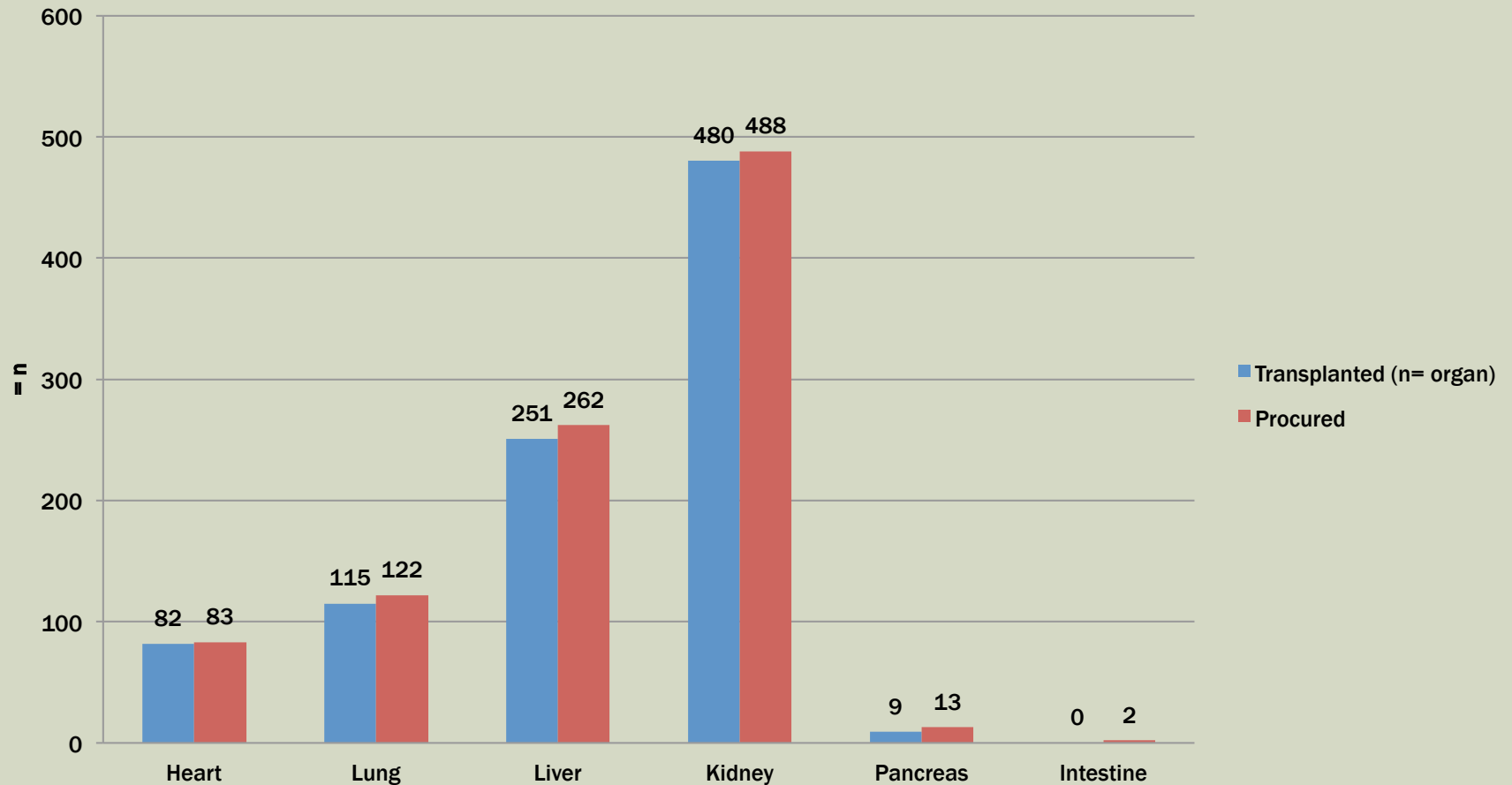
PANCREAS 2015



INTESTINE-TX 1999 - 2015



TRANSPLANTED VS PROCURED ORGANS 2015

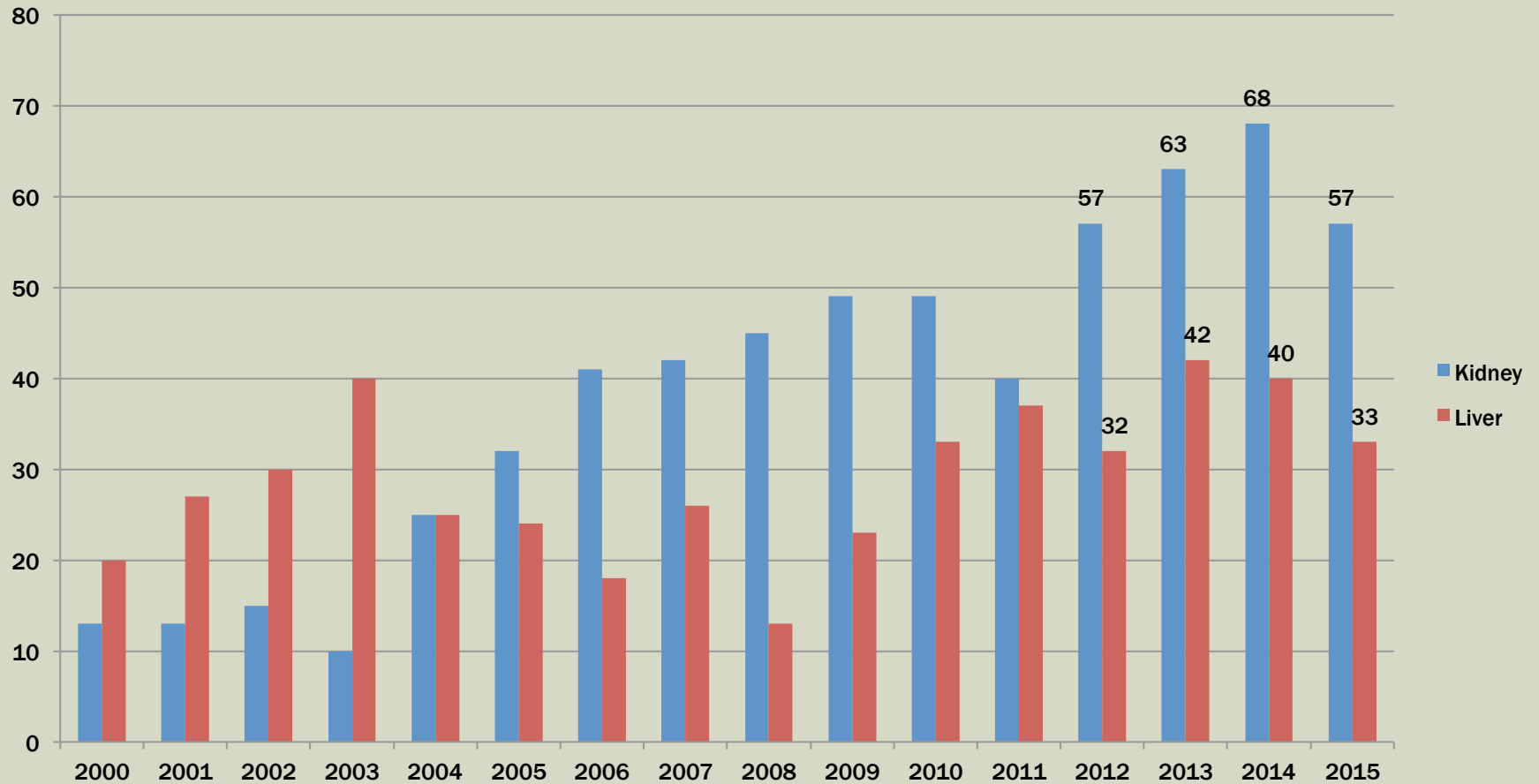


Remark procured: liver incl 3 livers for split (= 6) & 7 single lung donors

LIVING DONOR



LIVING DONOR TRANSPLANTS 2015



LIVING DONOR EXCHANGE PROGRAM

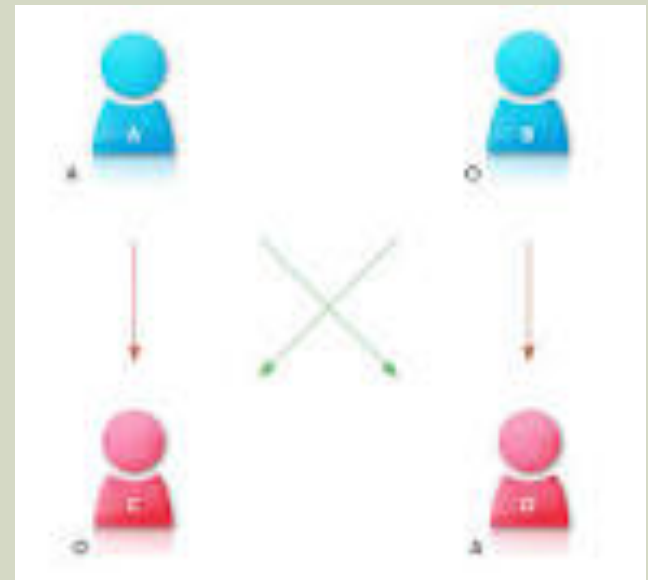
■ Result

■ March 2015

➔ Tx with 3 couples

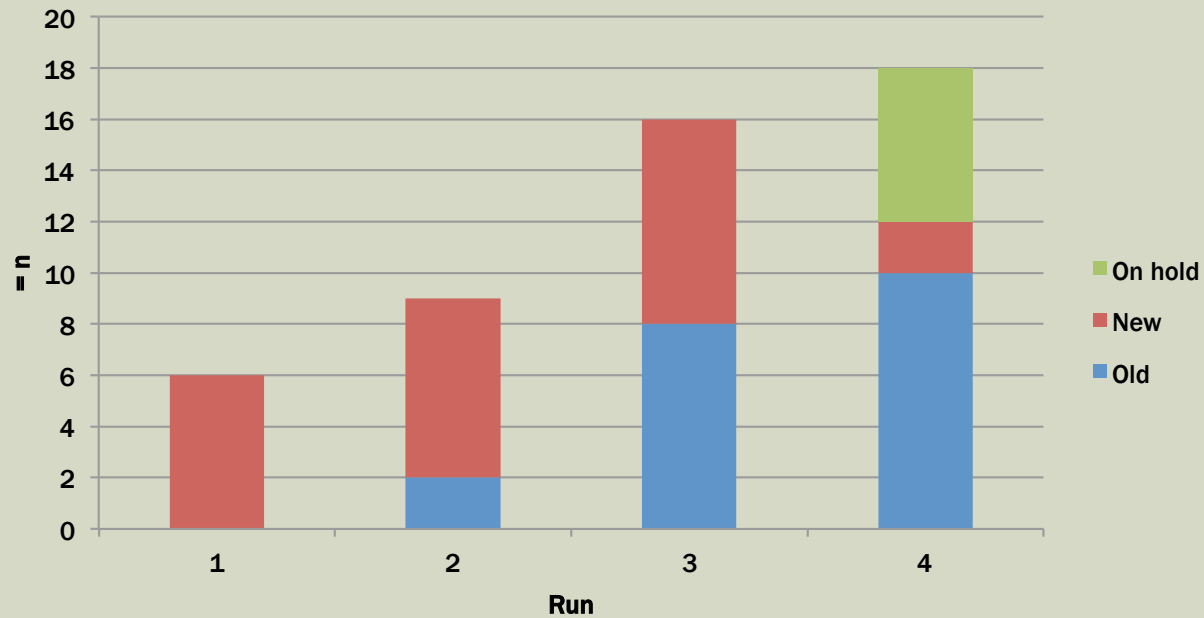
■ July 2015

➔ Tx with 2 couples



LIVING DONOR EXCHANGE PROGRAM

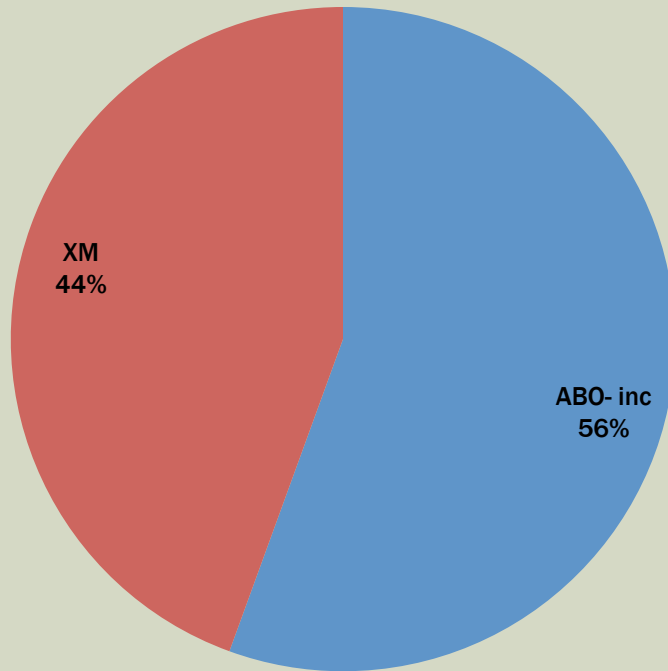
LDEP: overview Runs 2013 - 2015



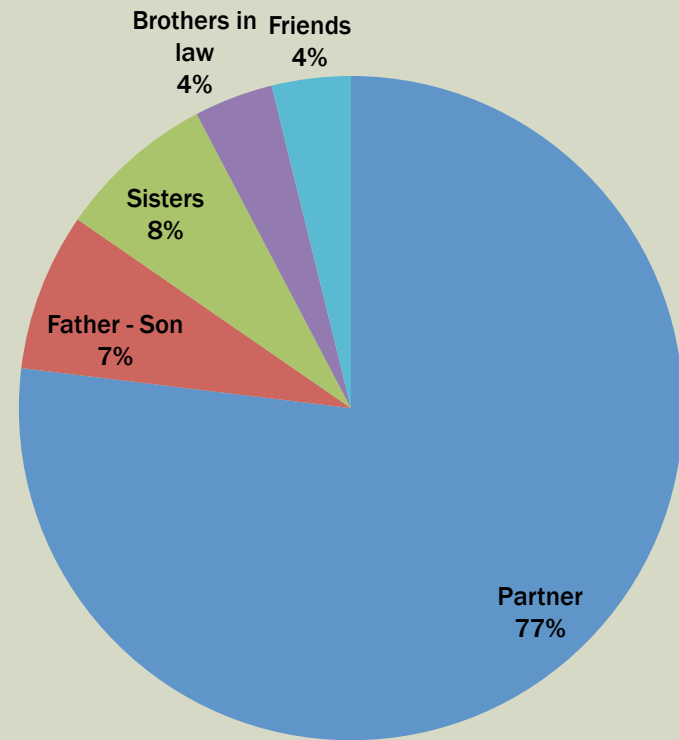
- Run 1: 6 couples (april 2013) – Run 4: 18 couples (march 2015)
- 2013 – 2015: 4 runs / 26 couples
- New run: march 2016

LIVING DONOR EXCHANGE PROGRAM

Reason of participating



Relationship donor - recipient



SUMMARY



CONCLUSION

ORGAN DONATION

■ DONOR

- Positive registrations in the national registry continues
- Higher number of effective as well as potential donors
- Amount of DBD stays the same – stable trend
- Higher number of donor refusal for medical reason
- Family refusals remains stable (12,6%)
- Increase of DCD after Euthanasia

CONCLUSION

TRANSPLANTATION

■ HEART

- Slight increase transplantations
- Increase waitinglist (19%)
- Lower mortality on the waitinglist

■ LUNG

- Waitinglist and transplantations increases
- Low mortality on waitinglist

■ LIVER

- Decrease waitinglist
- Increase of transplantations (18%)
- Increase of mortality
- Decrease of living donation

CONCLUSION

TRANSPLANTATION

■ Kidney

- Decrease of the waitinglist
- Important increase of transplantations (19%)
- Decrease in living donation
- 5 transplantations in the LDEP

■ Pancreas

- Low number of vascular transplantation
- High waitinglist

THANK YOU FOR YOUR
ATTENTION

