

# BELGIAN TRANSPLANT COORDINATORS SECTION

## BTS ANNUAL MEETING 2016



DONOR  
&  
TRANSPLANT  
STATISTICS  
2015

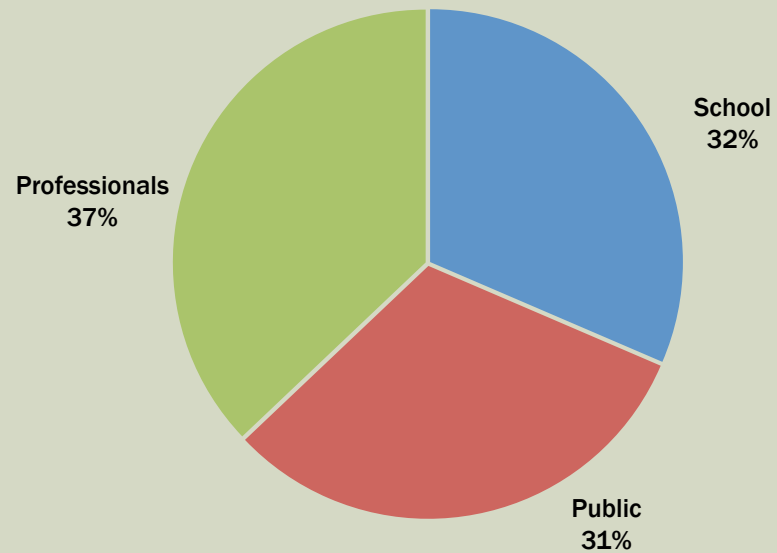


# BELGIAN TRANSPLANT COORDINATORS

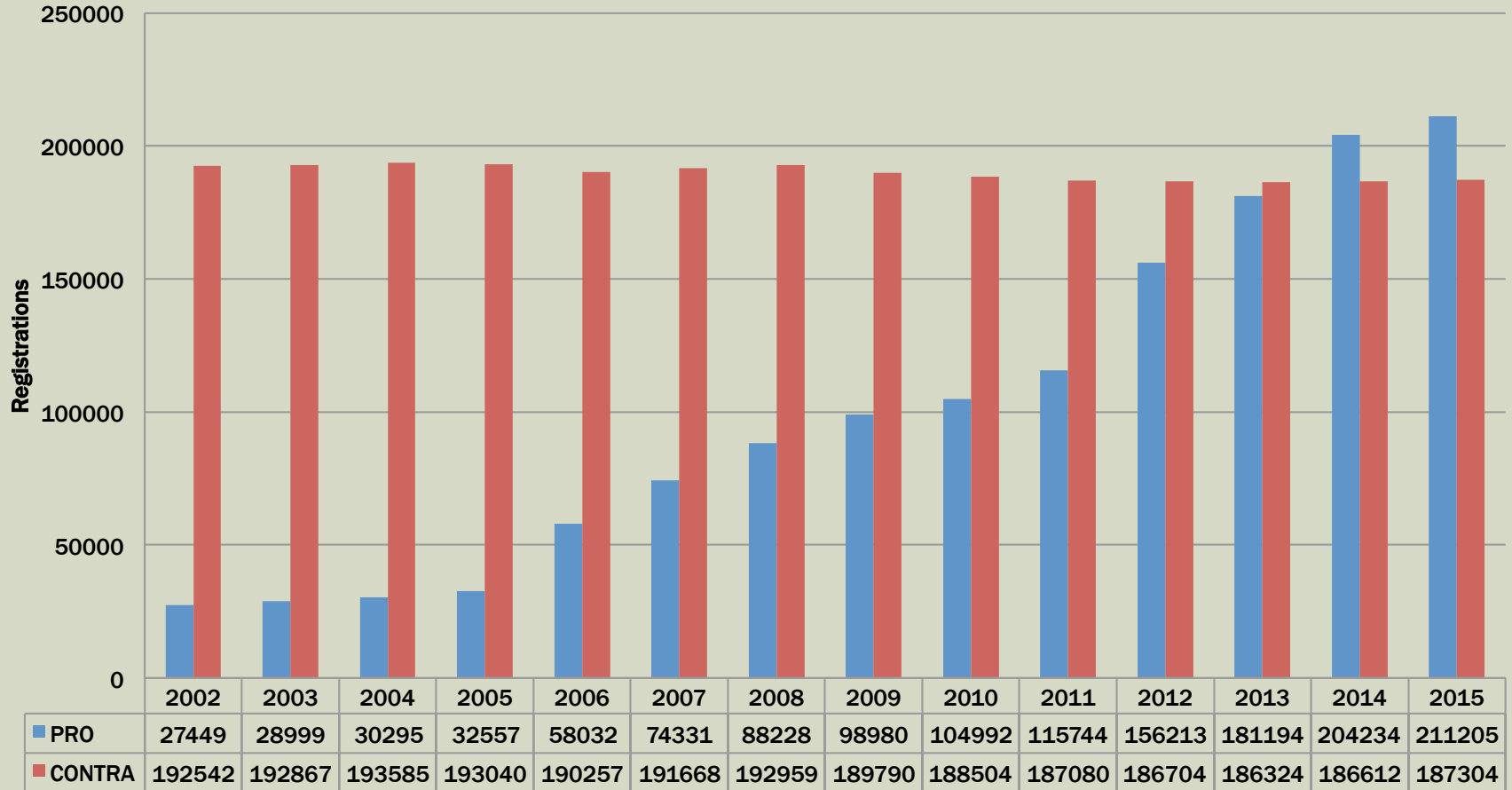
- **President:** I. Haentjens (UZG)
- **Vice-President:** D. Van Deynse (UCL)
- **Be-KPAC** G.Van Beeumen (UZA), Nelly Mauws (UZG)
- **Be-ThAC** W.Van Donink (UZA), D.Claes (UZL)
- **Be-LIAC** M.H.Delbouille (Ulg), Colenbie Luc (UZG)
- **Be-OPC** M.H.Delbouille (Ulg), Nelly Mauws (UZG), Gerda Van Beeumen (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

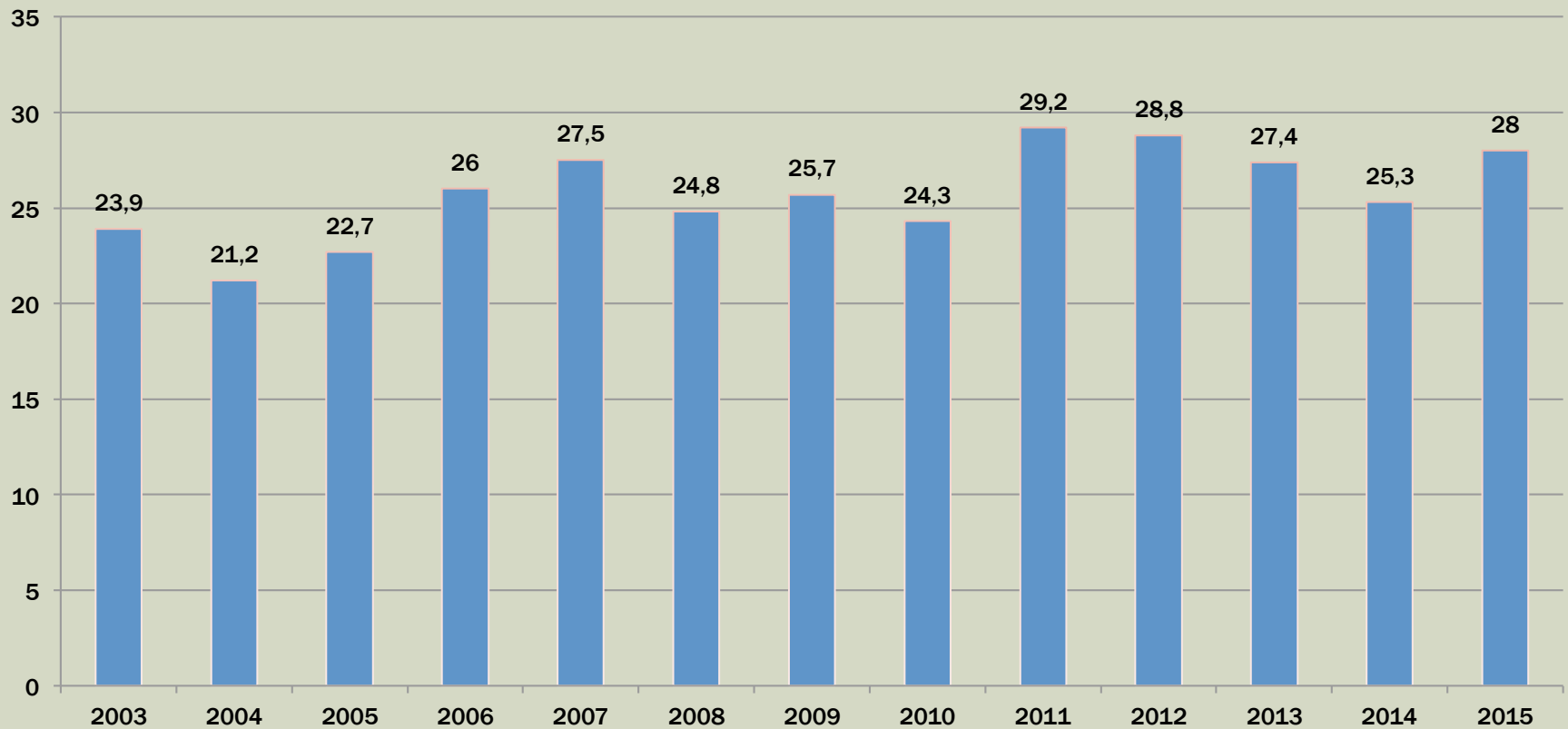


# DONOR STATISTICS 2015

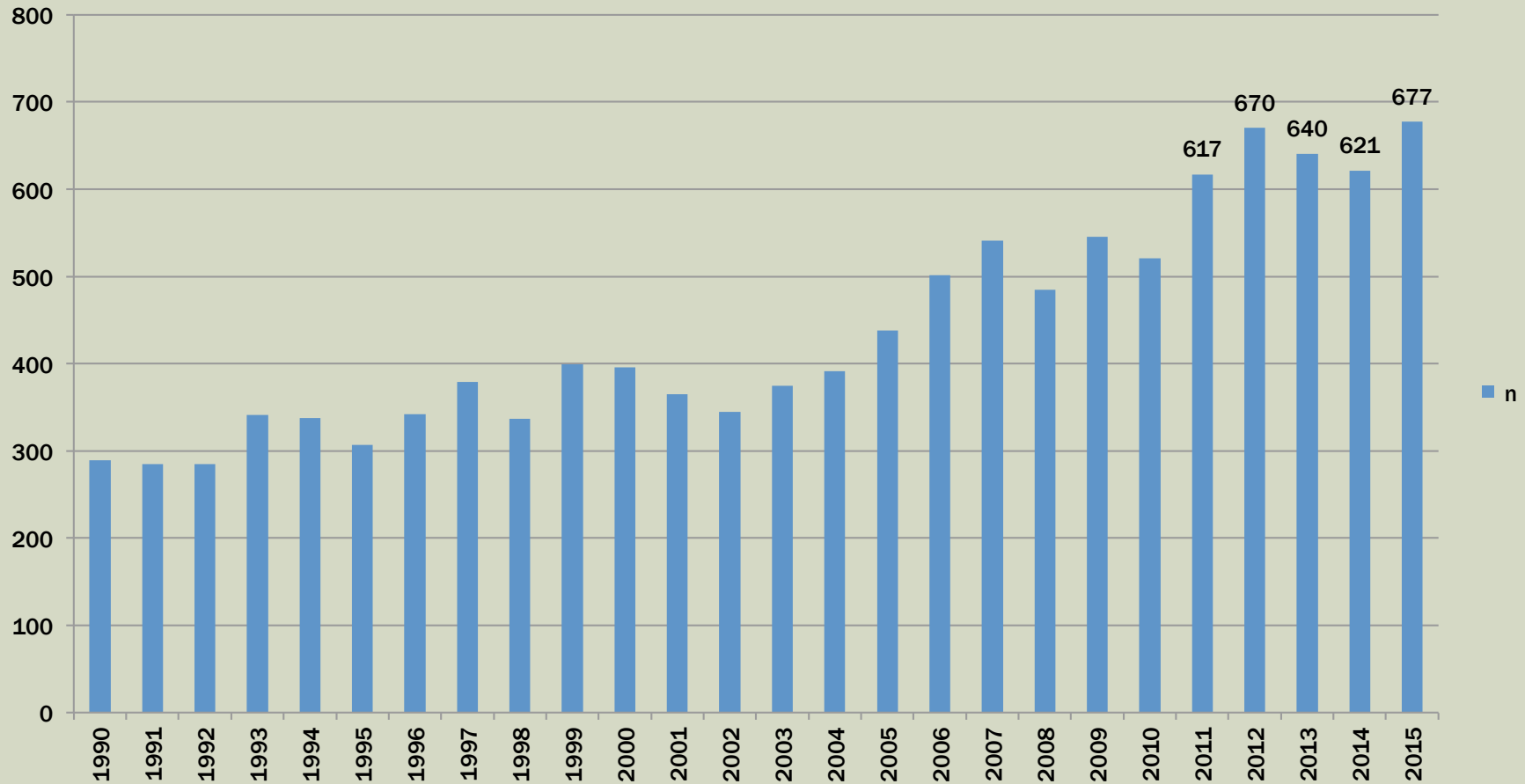


# DONORS PMI / BELGIUM

## Belgium

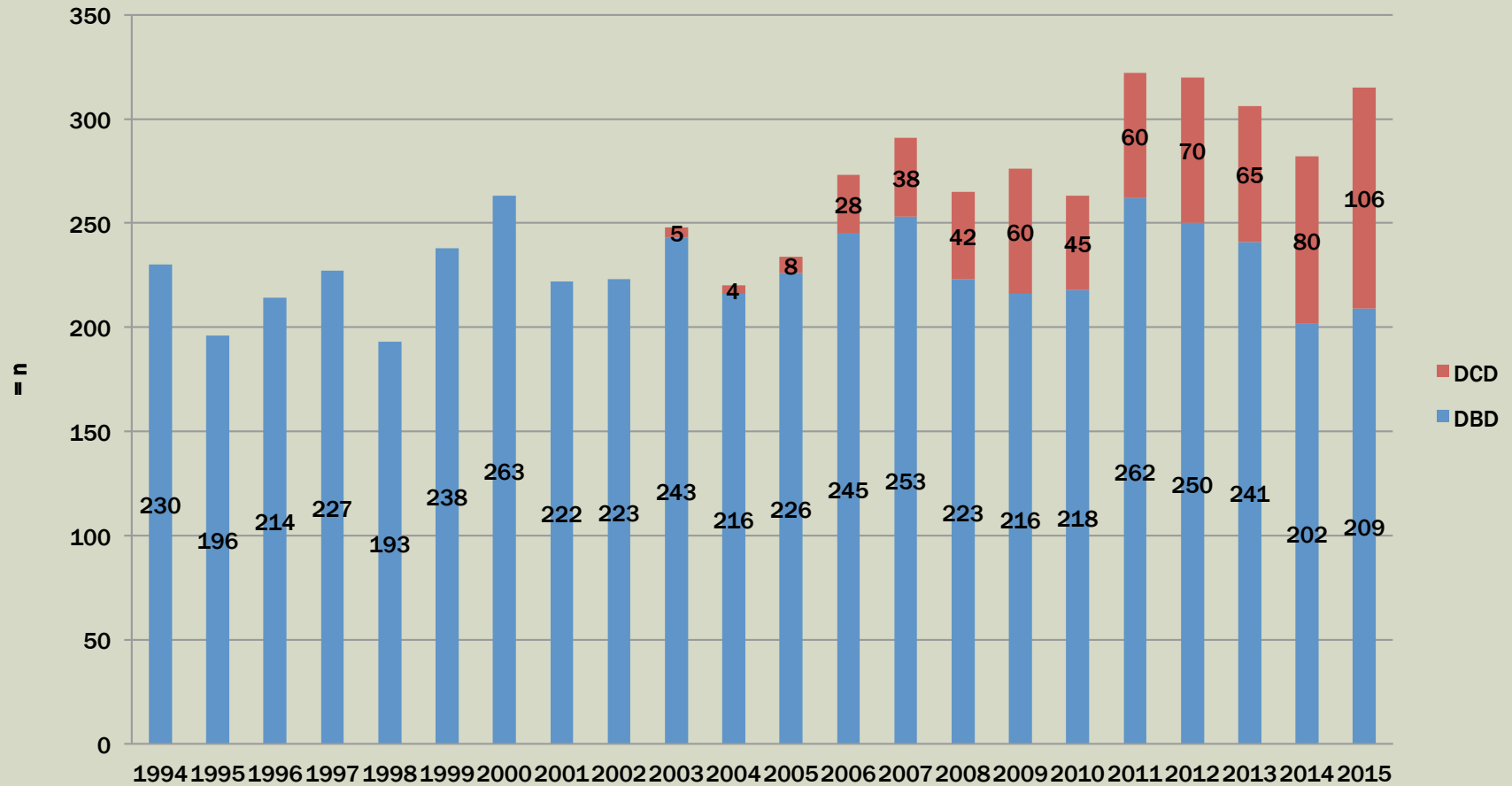


# POTENTIAL DONOR 1990 - 2015



**Note: underestimation of potential donors in early years**

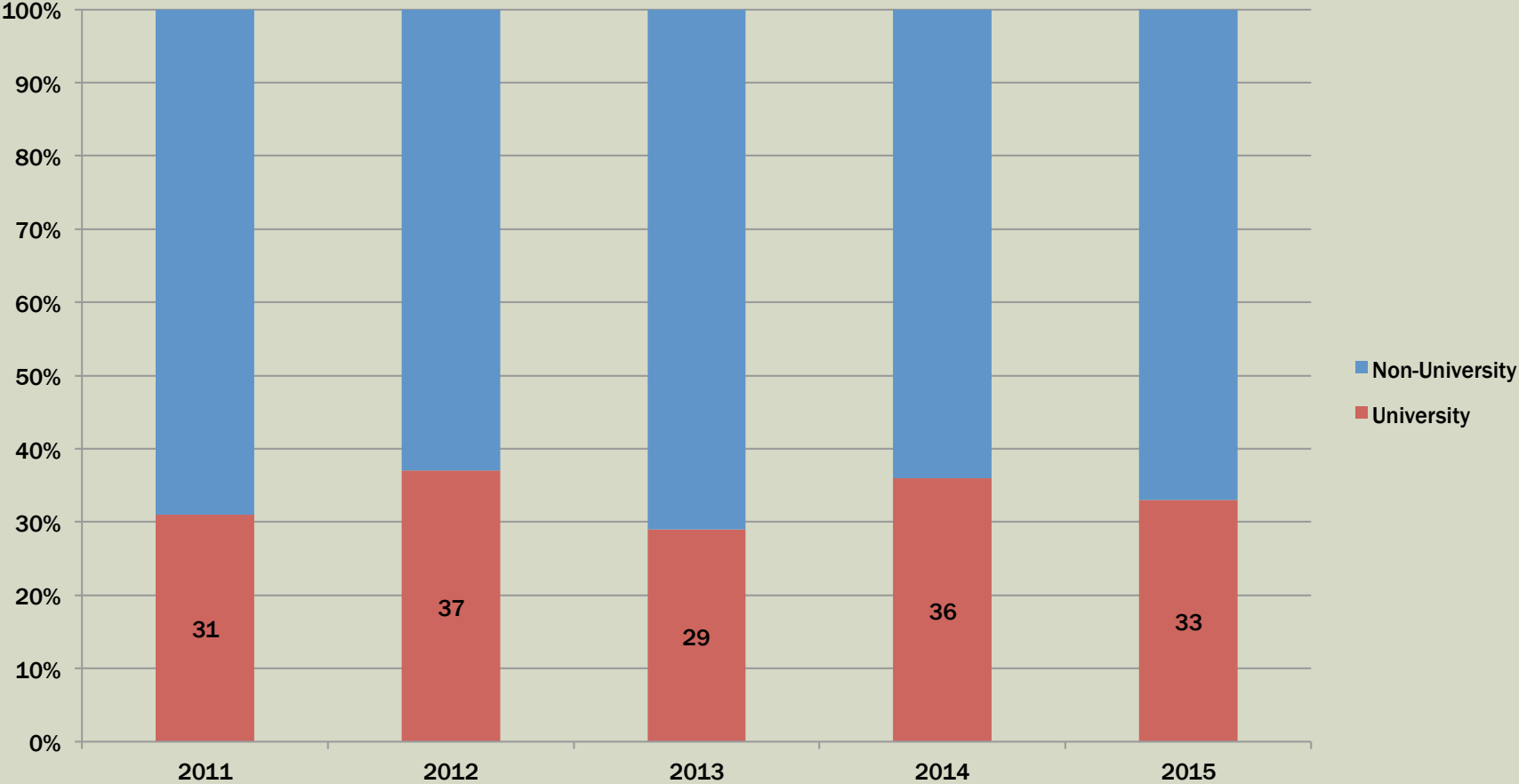
# EFFECTIVE ORGAN DONORS 1994 - 2015



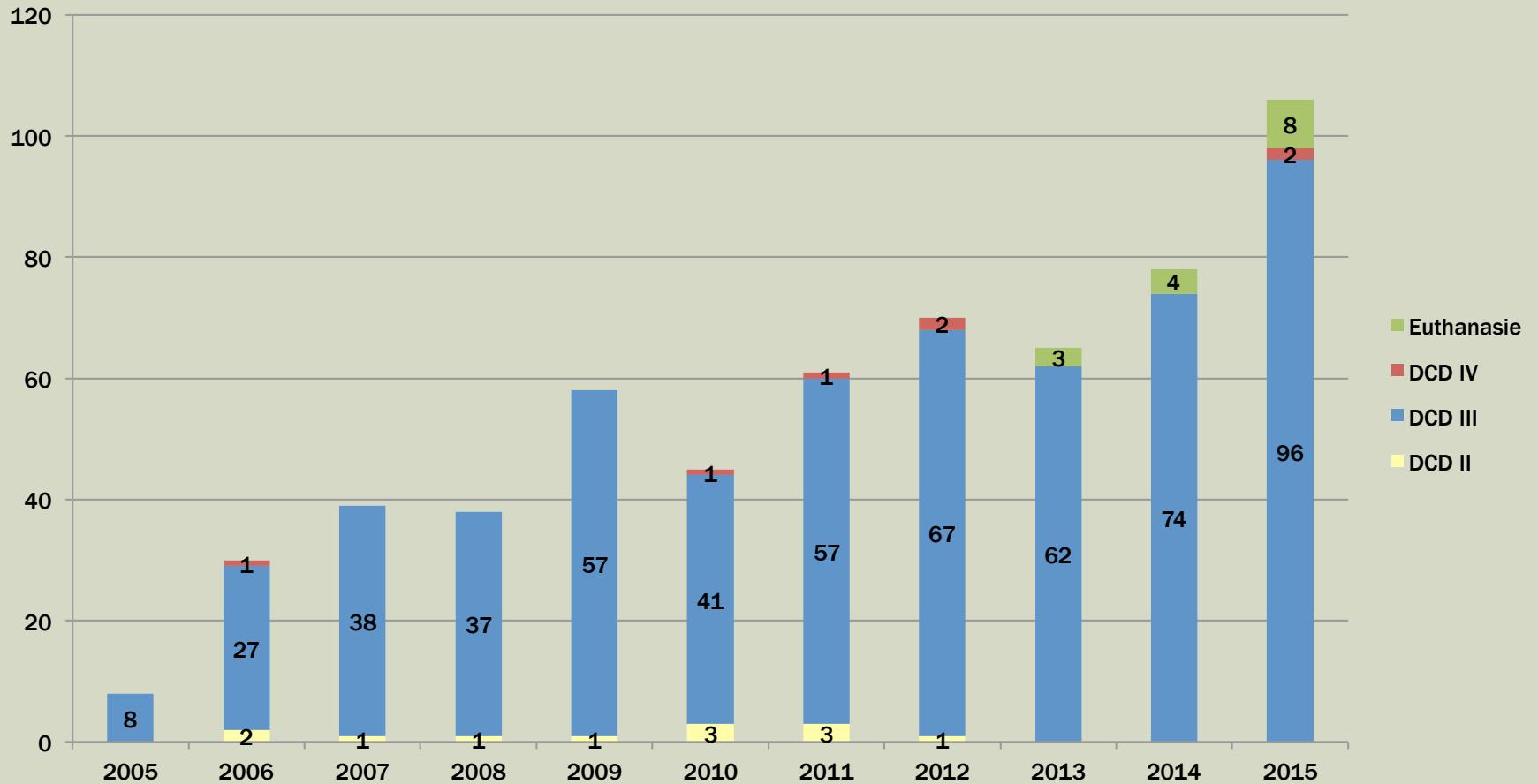
n = 315



# DONOR: DONOR ORIGIN

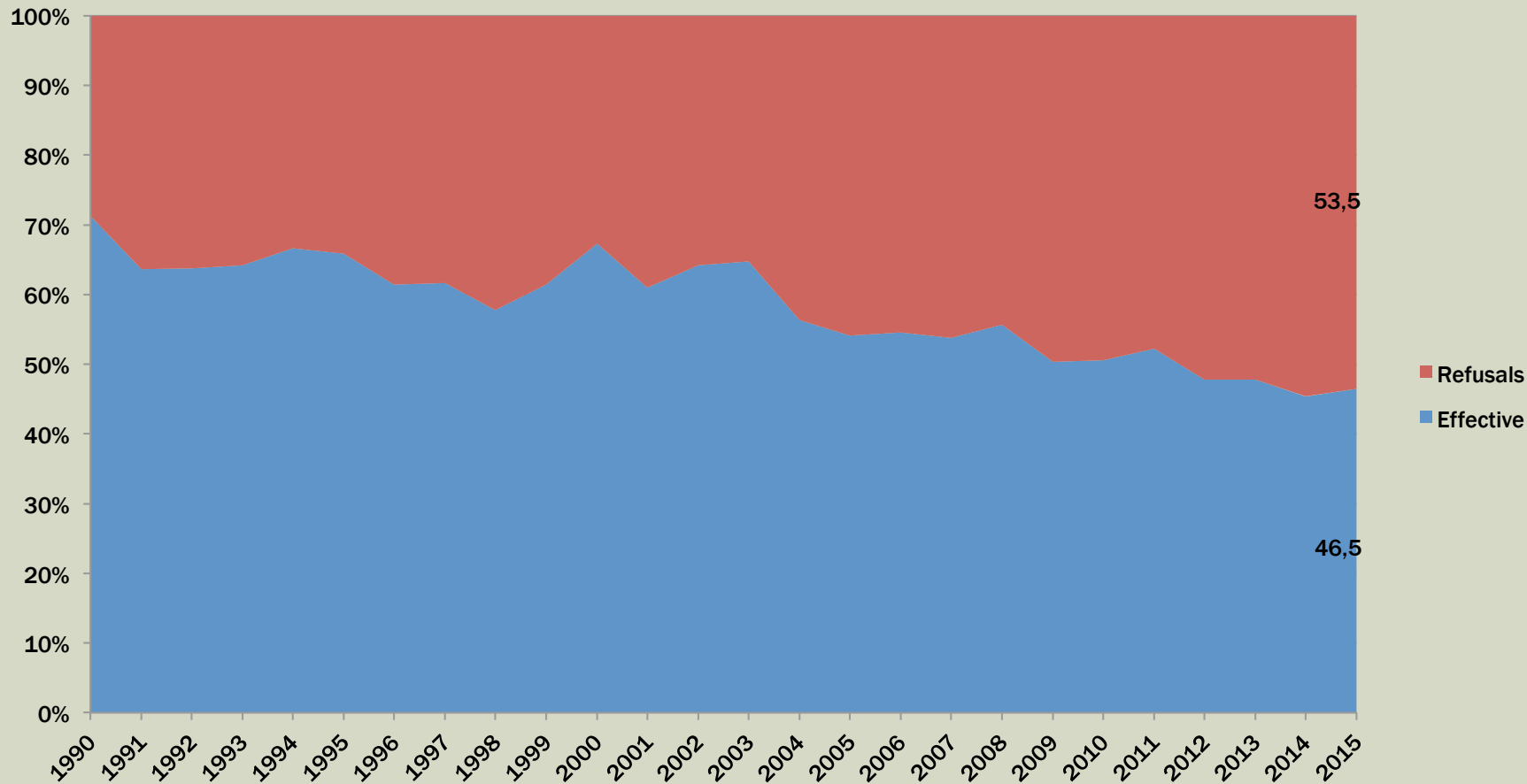


# EFFECTIVE DCD 2005 - 2015

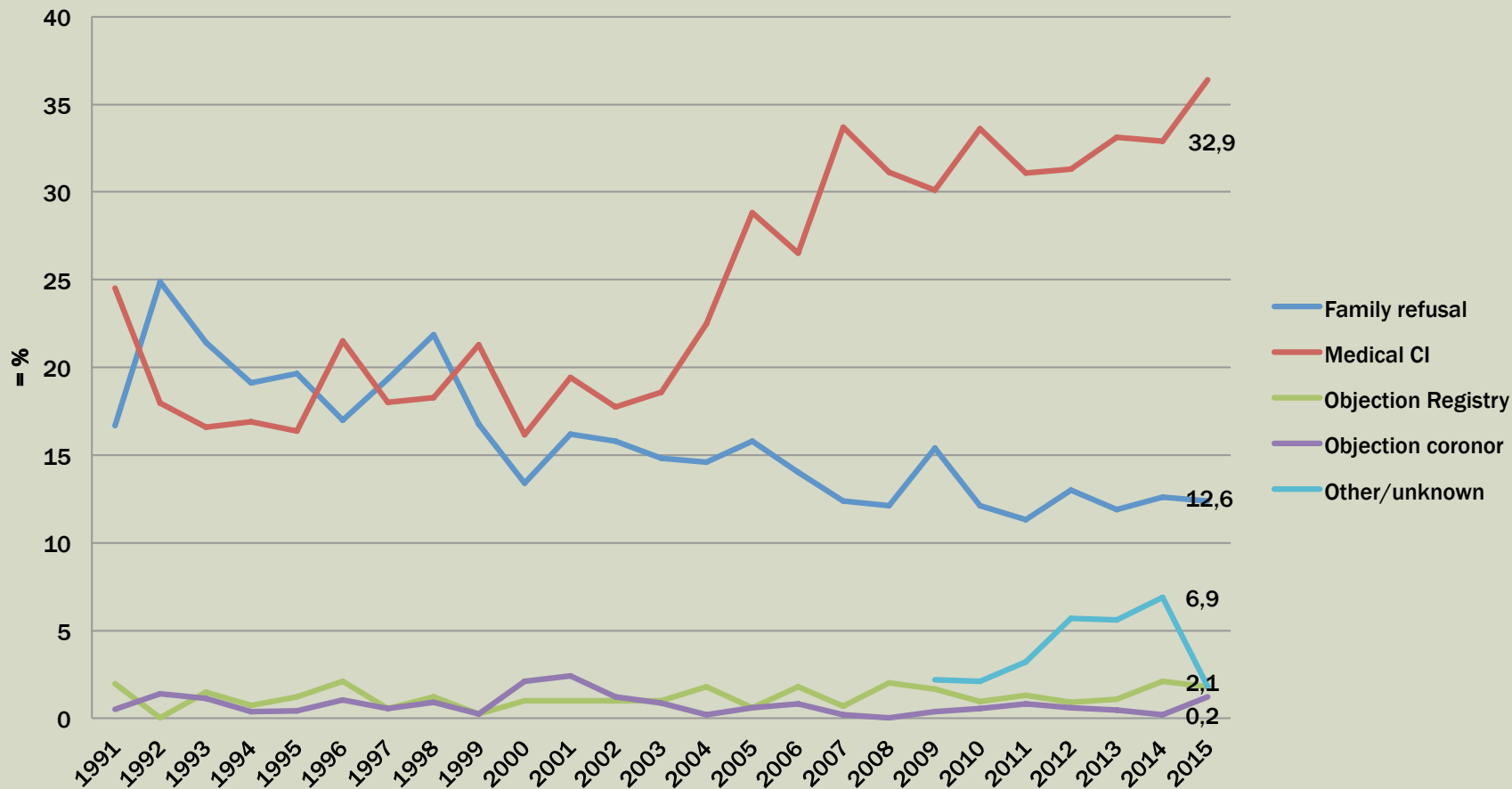


n= 106

# % EFFECTIVE ORGAN DONORS 1990 - 2015



# % REASON OF NO DONATION 1991 - 2015

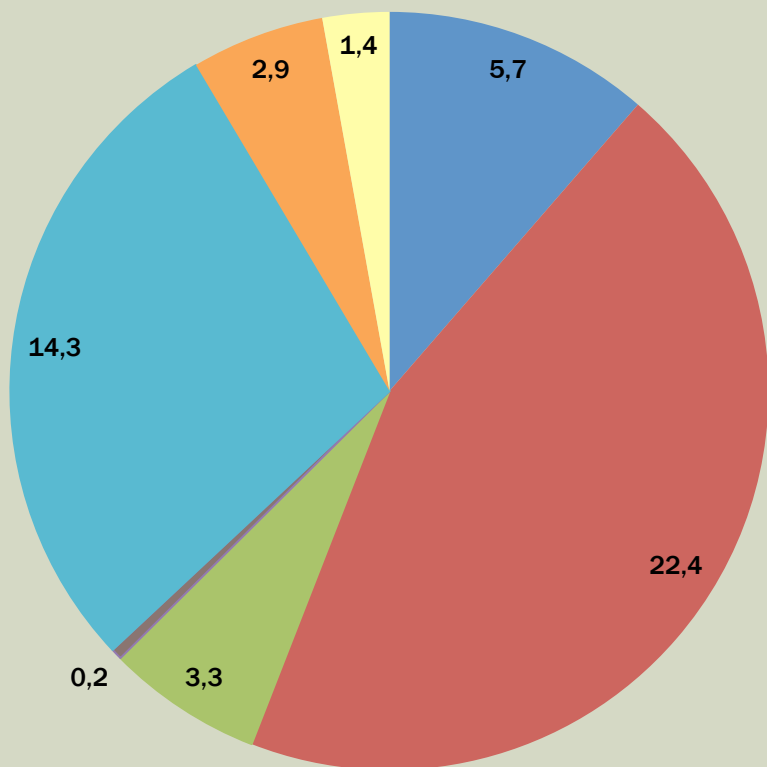


# REFUSALS POTENTIAL ORGAN DONORS

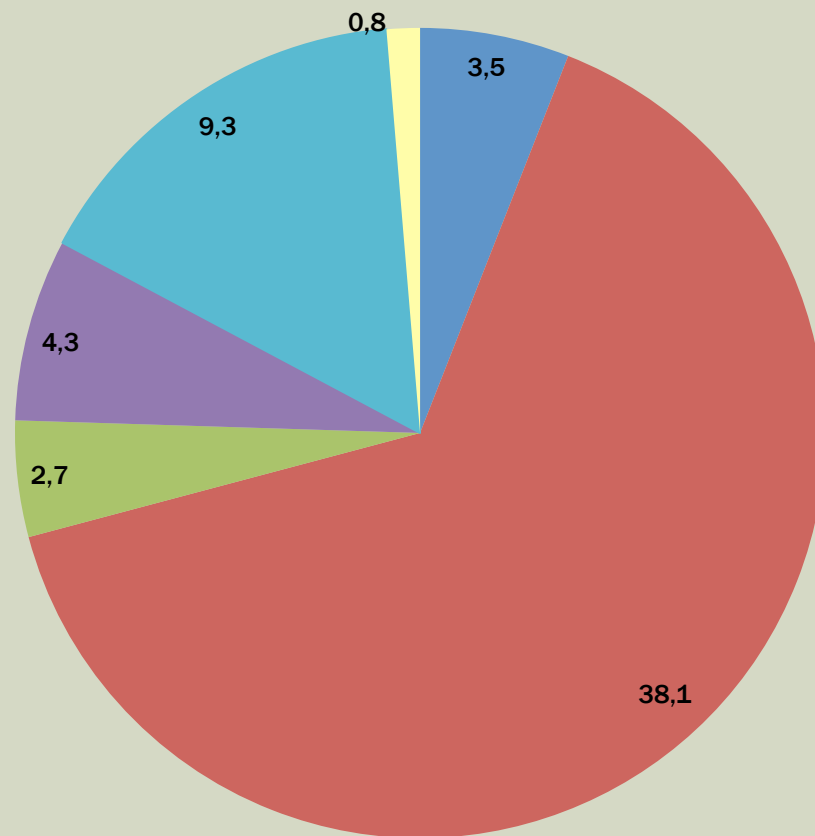
REFUSALS	DBD (%)	DCD (%)	All potential (%)
<b>In register</b>			
2015	2,9	0	1,8
2014	2,3	1,8	2,1
<b>By family</b>			
2015	14,3	9,3	12,4
2014	14,7	8,8	12,6
2013	13,2	9	11,9
<b>Medical refusal (on file + in situ)</b>			
2015	28,2	41,6	33,3
2014	23,9	48,6	32,9
2013	23	45,5	29,7

# % 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

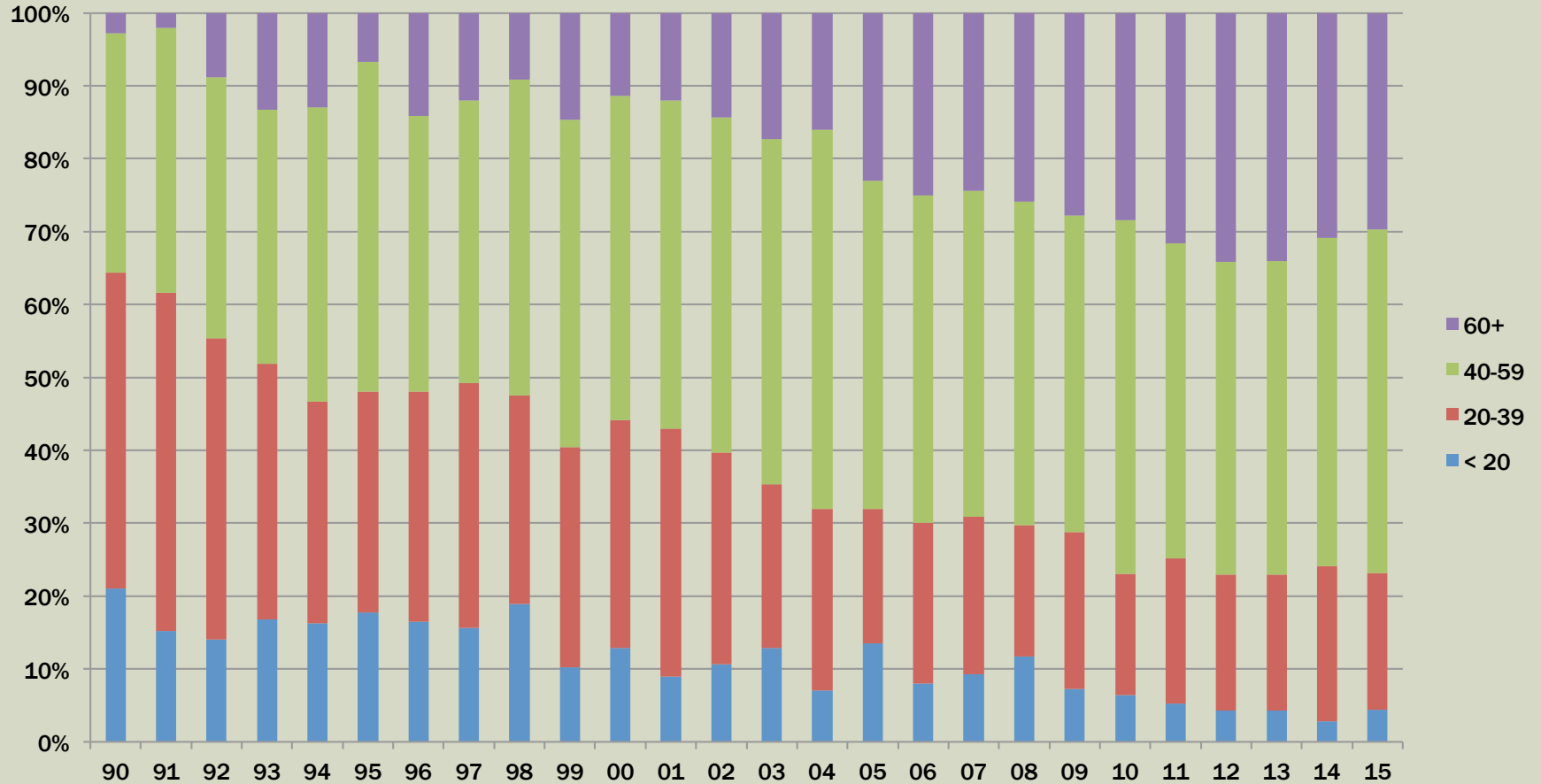


■ Medical in situ   
 ■ Medical on file   
 ■ Not brain death  
■ Other   
 ■ Refusal by relatives   
 ■ Refusal in registry  
■ Coroner refusal

# DONOR PROFILE (DECEASED ORGAN DONORS)



# AGE OF EFFECTIVE DONORS 1990 - 2015



Note number of donors

1994: 230

vs

2015: 315



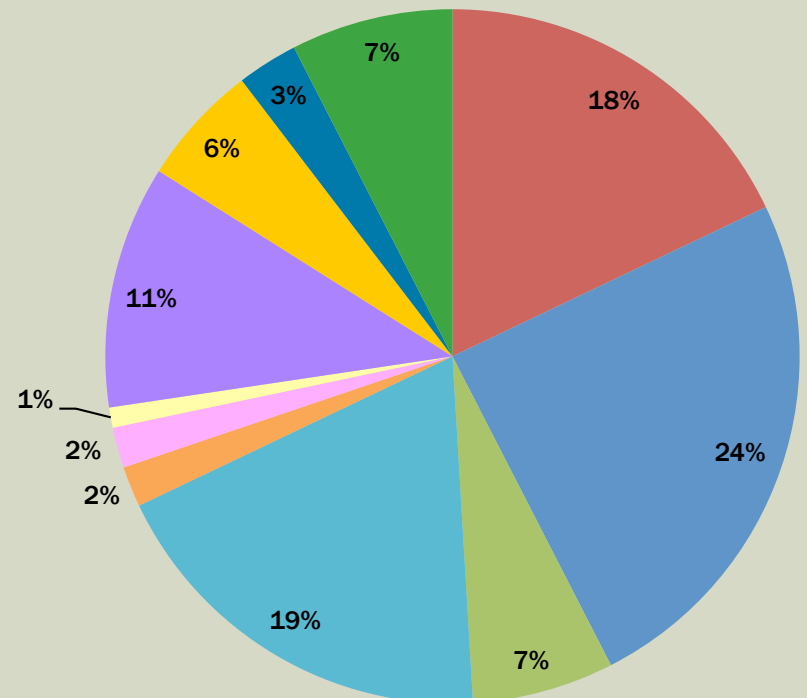
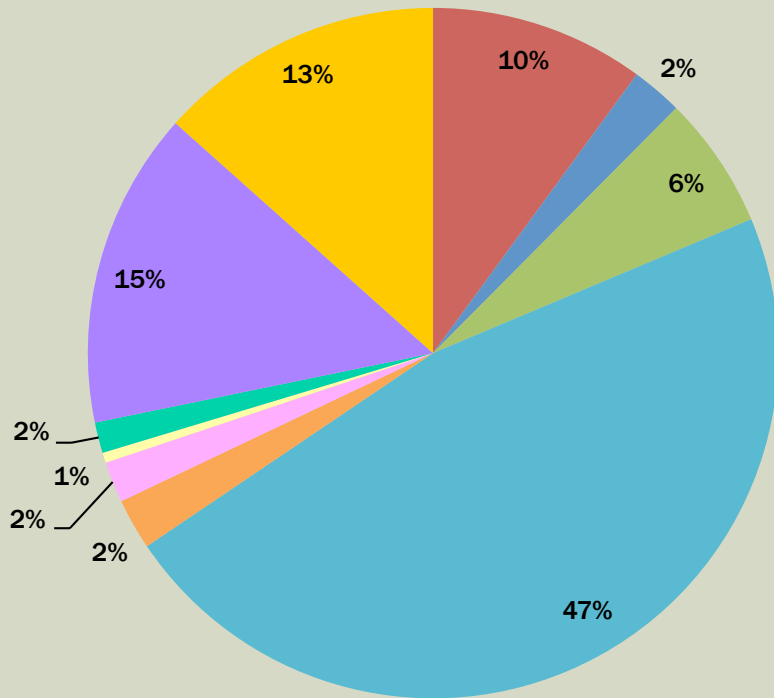
# AGE OF ORGAN DONORS 2015

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

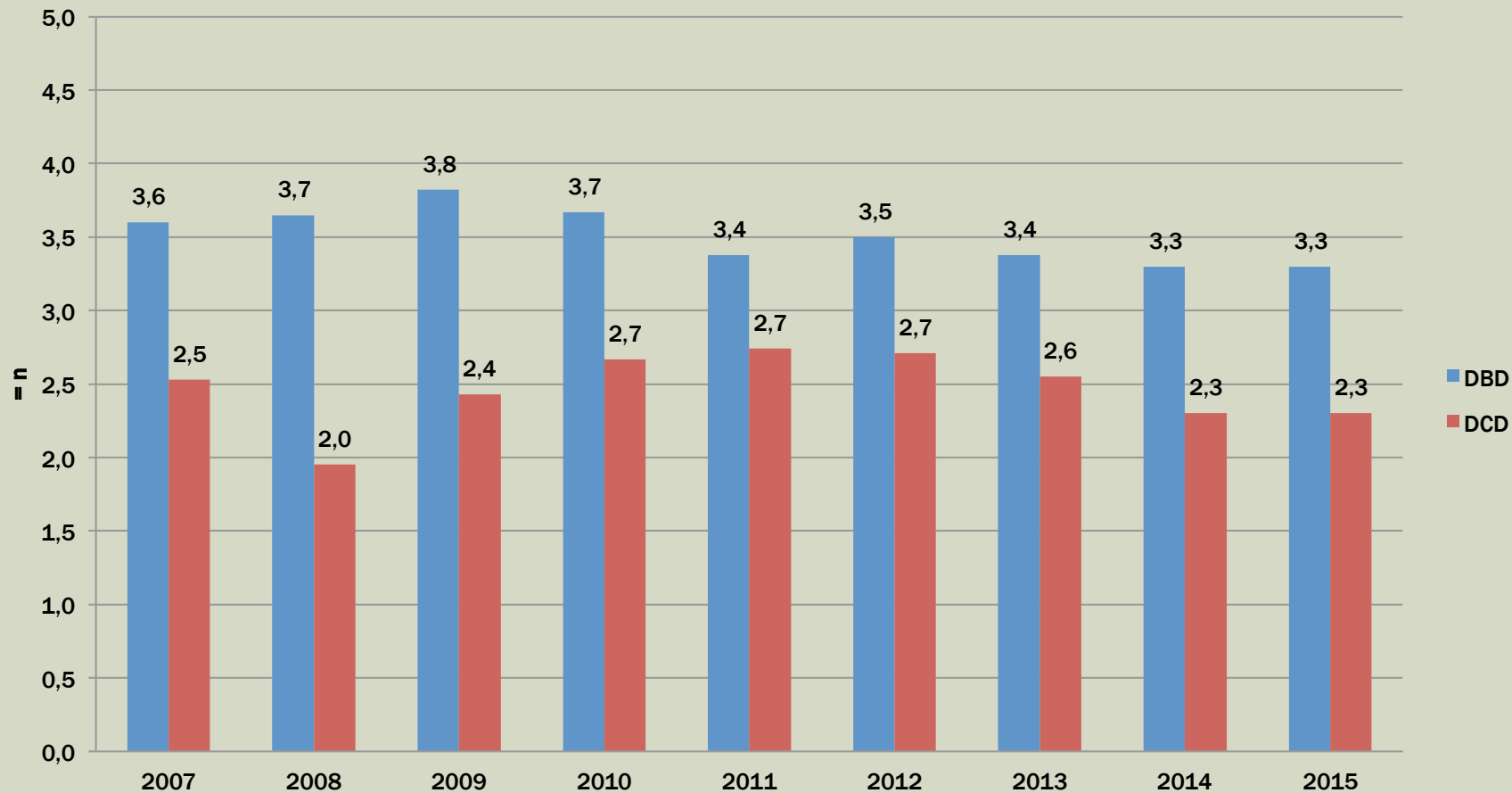


- Anoxia / Strangulation
- Cardiovascular
- Cerebral Ischemia
- ICB
- Intoxication (suicide)
- Meningitis
- Other
- Suicide (gunshot)
- Trauma (other)
- Trauma (road accident)

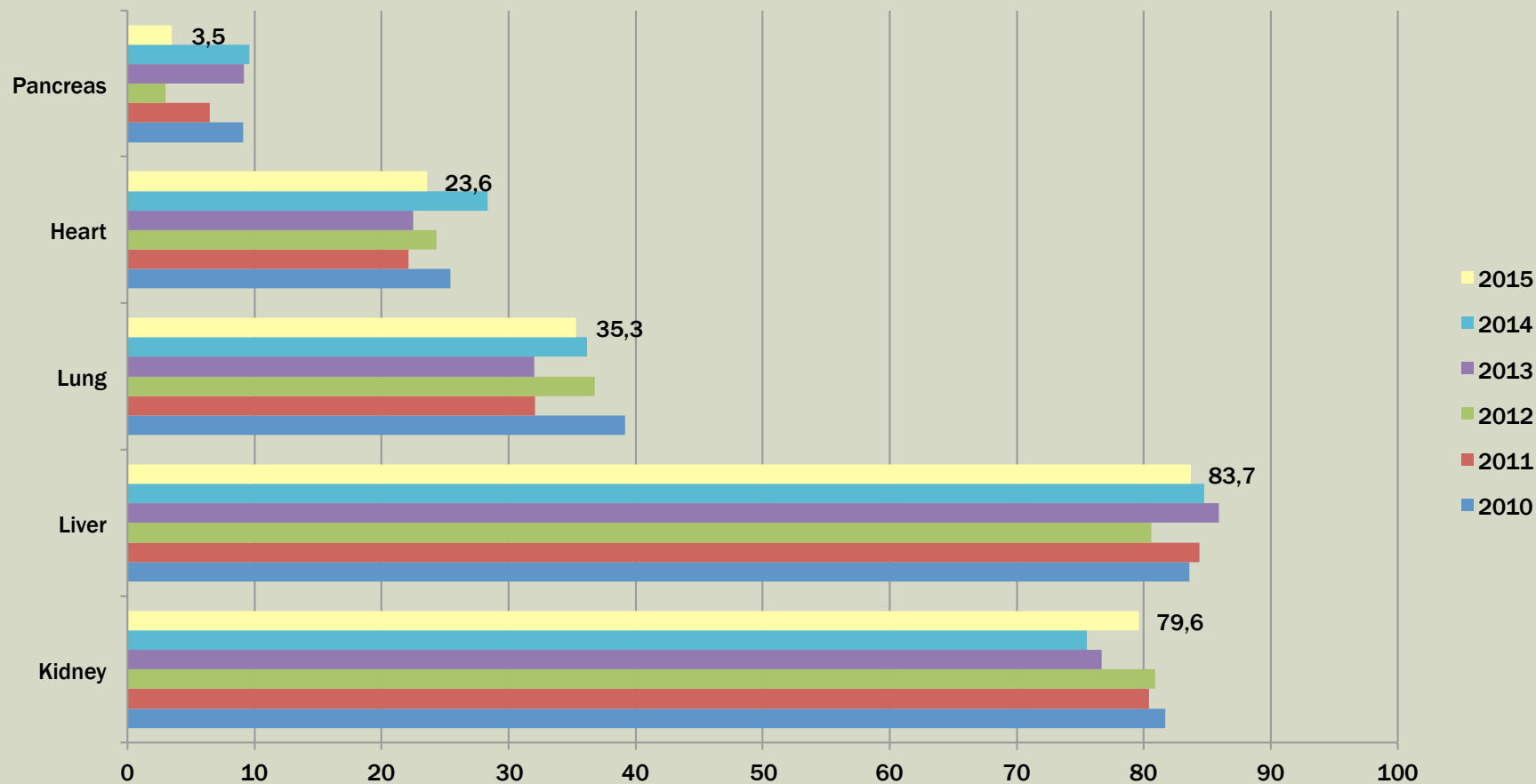
- Anoxia / Strangulation
- Cardiovascular
- Cerebral Ischemia
- ICB
- Intoxication (suicide)
- Meningitis
- Other
- Suicide (gunshot)
- Trauma (other)
- Trauma (road accident)
- Tumor
- Euthanasie

# ORGANS USED FOR TX

## DBD VS DCD



# % USED ORGANS OF EFFECTIVE DONORS 2010 - 2015

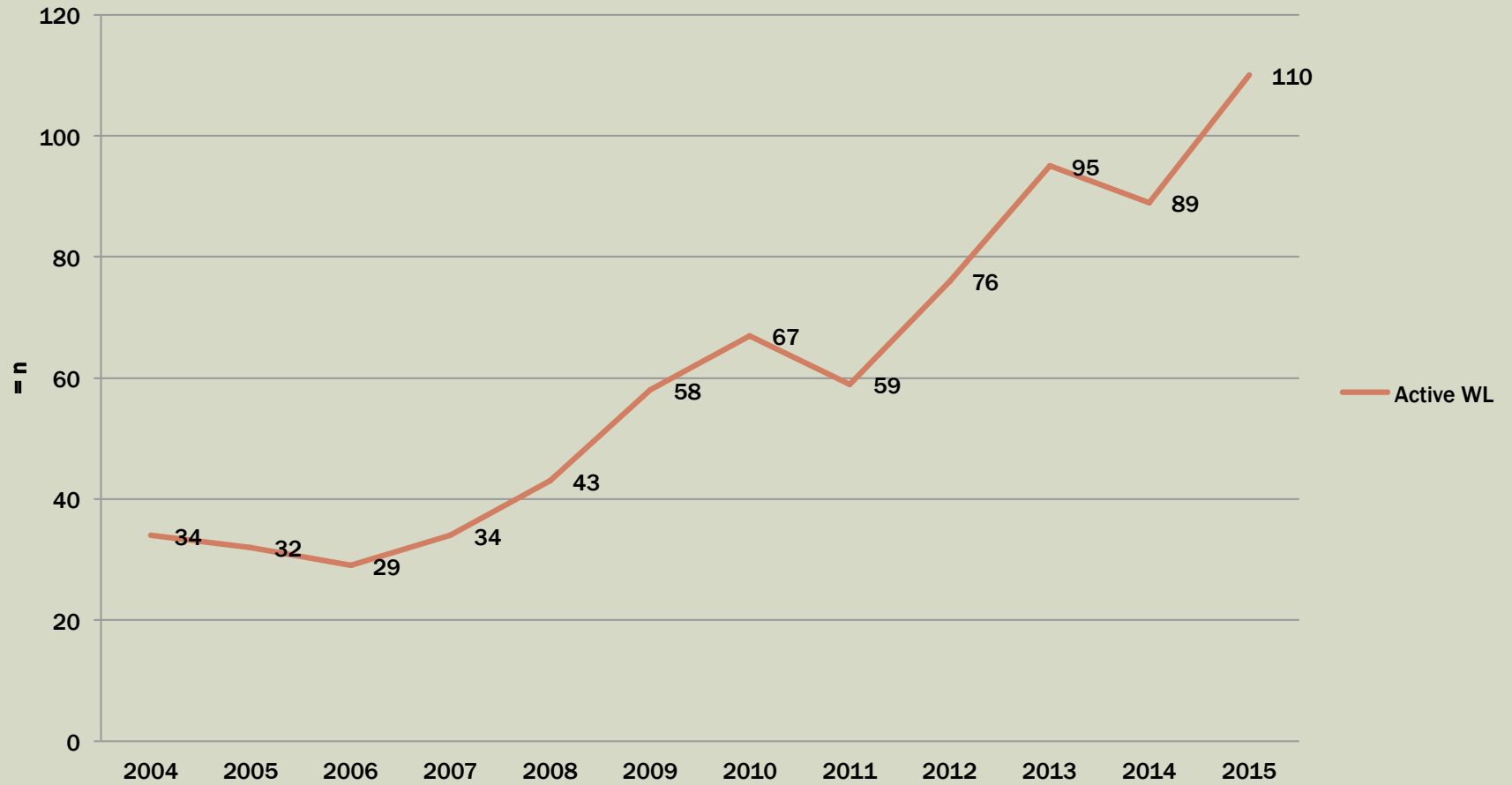


# STATISTICS 2015

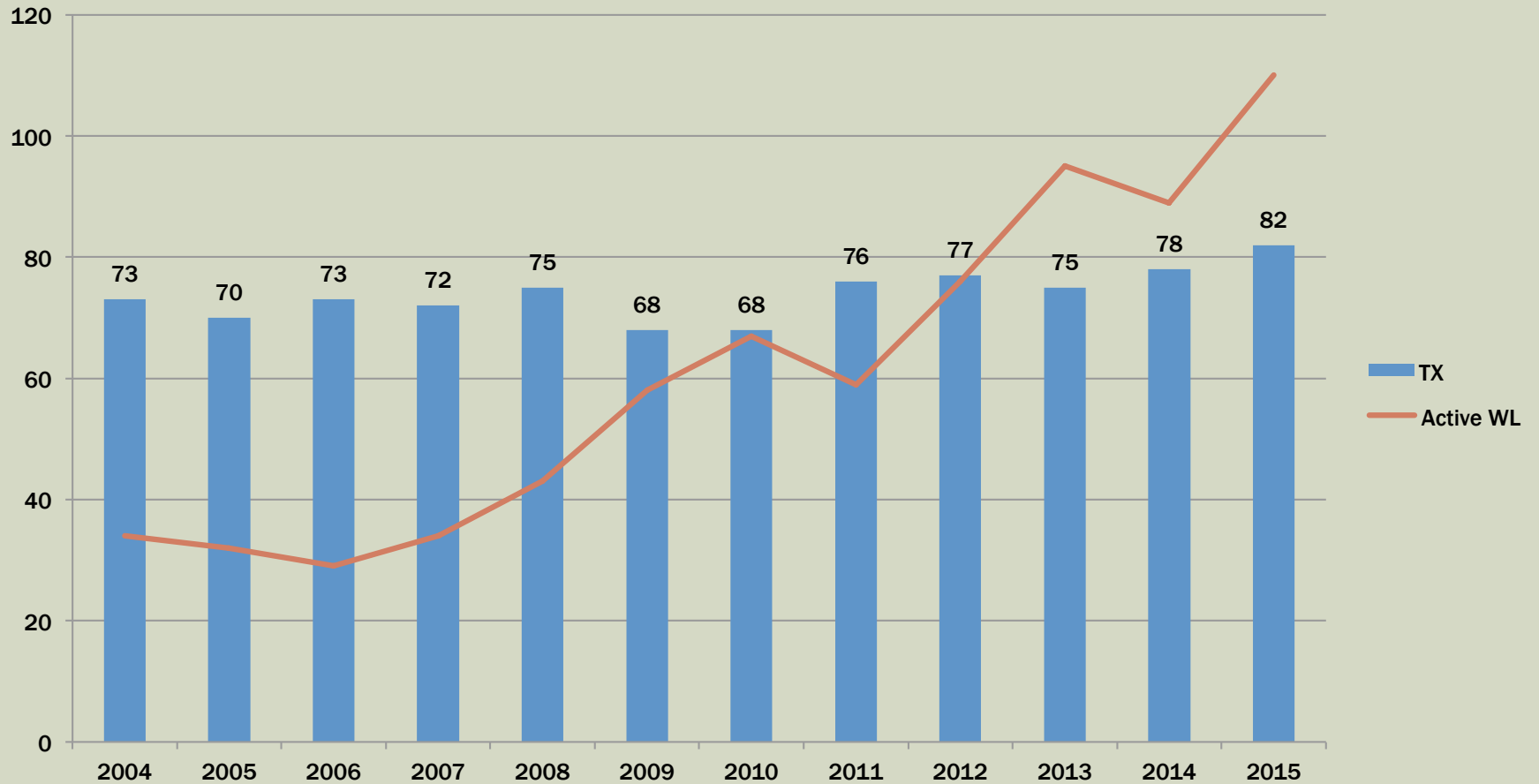
WAITINGLIST (WL)  
TRANSPLANTS (DECEASED DONORS)  
MORTALITY



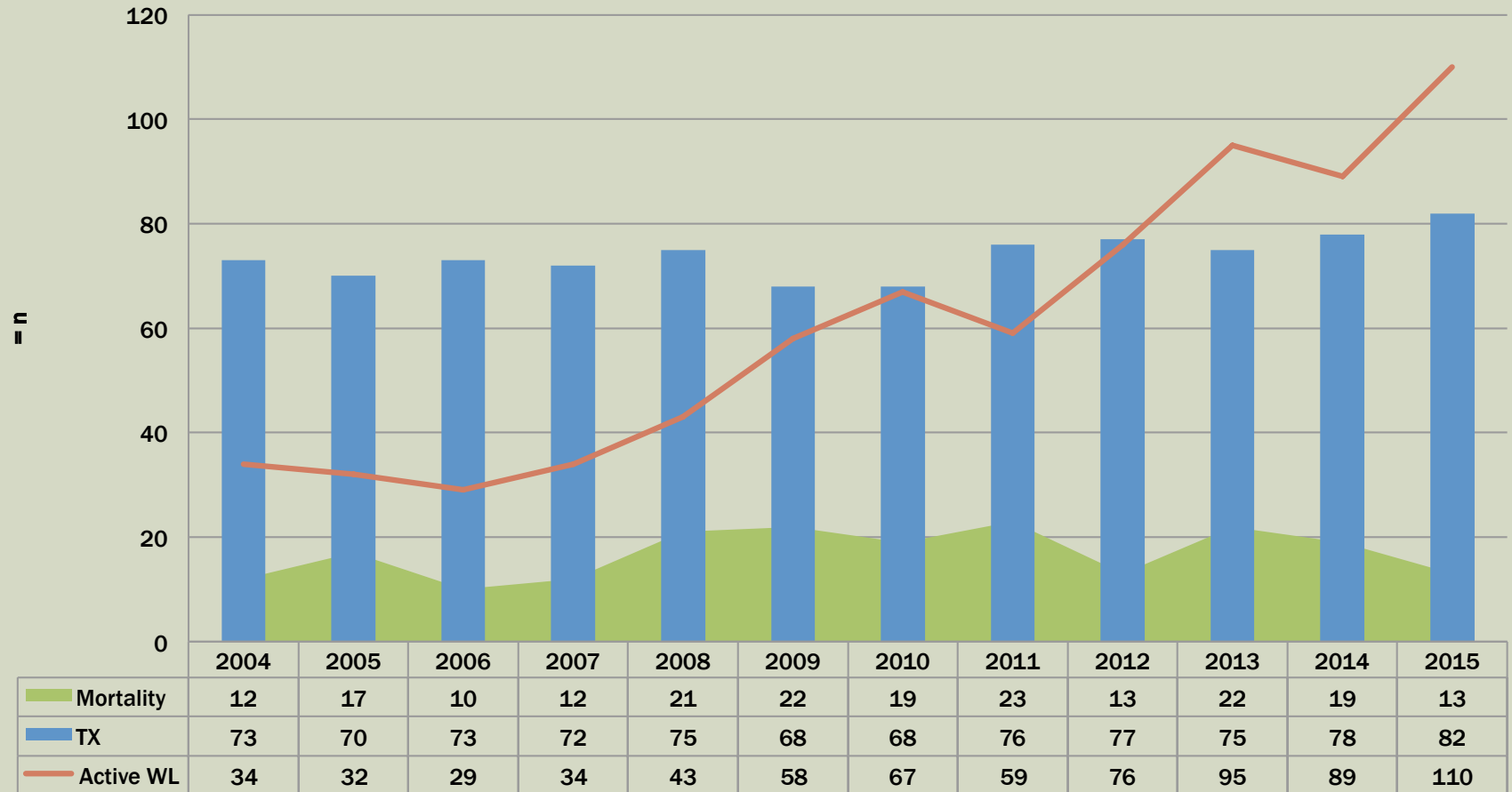
# HEART 2015



# HEART 2015

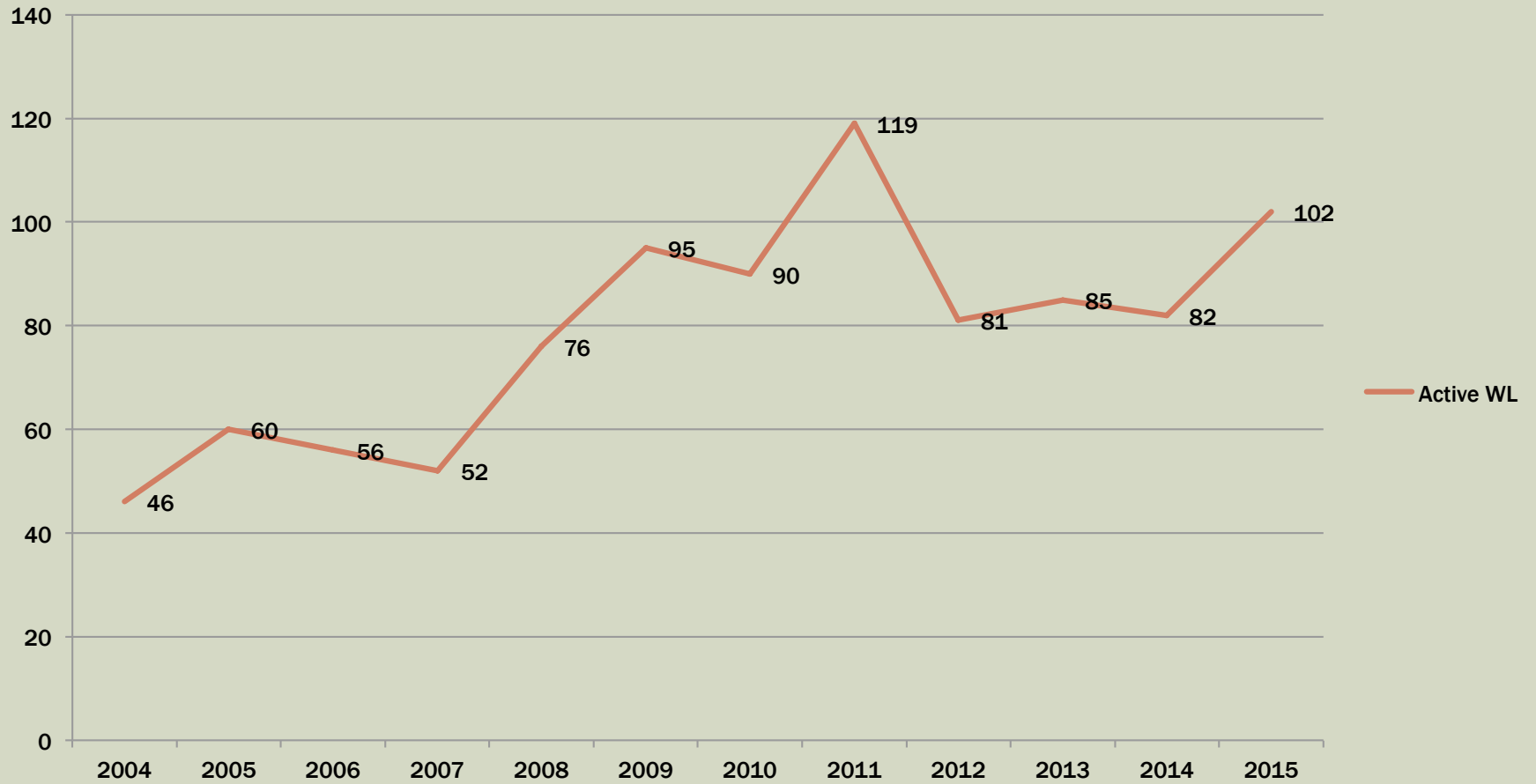


# HEART 2015

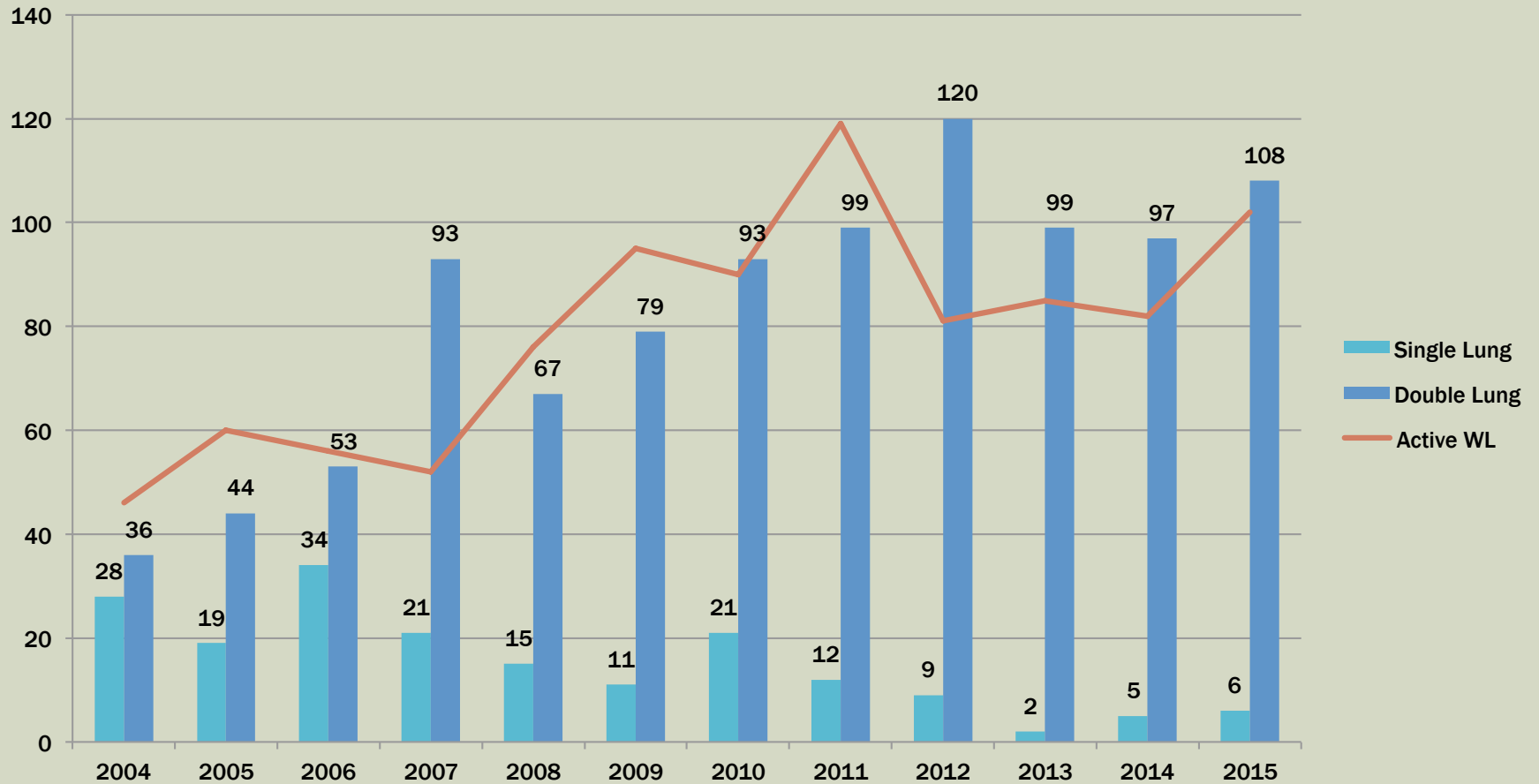




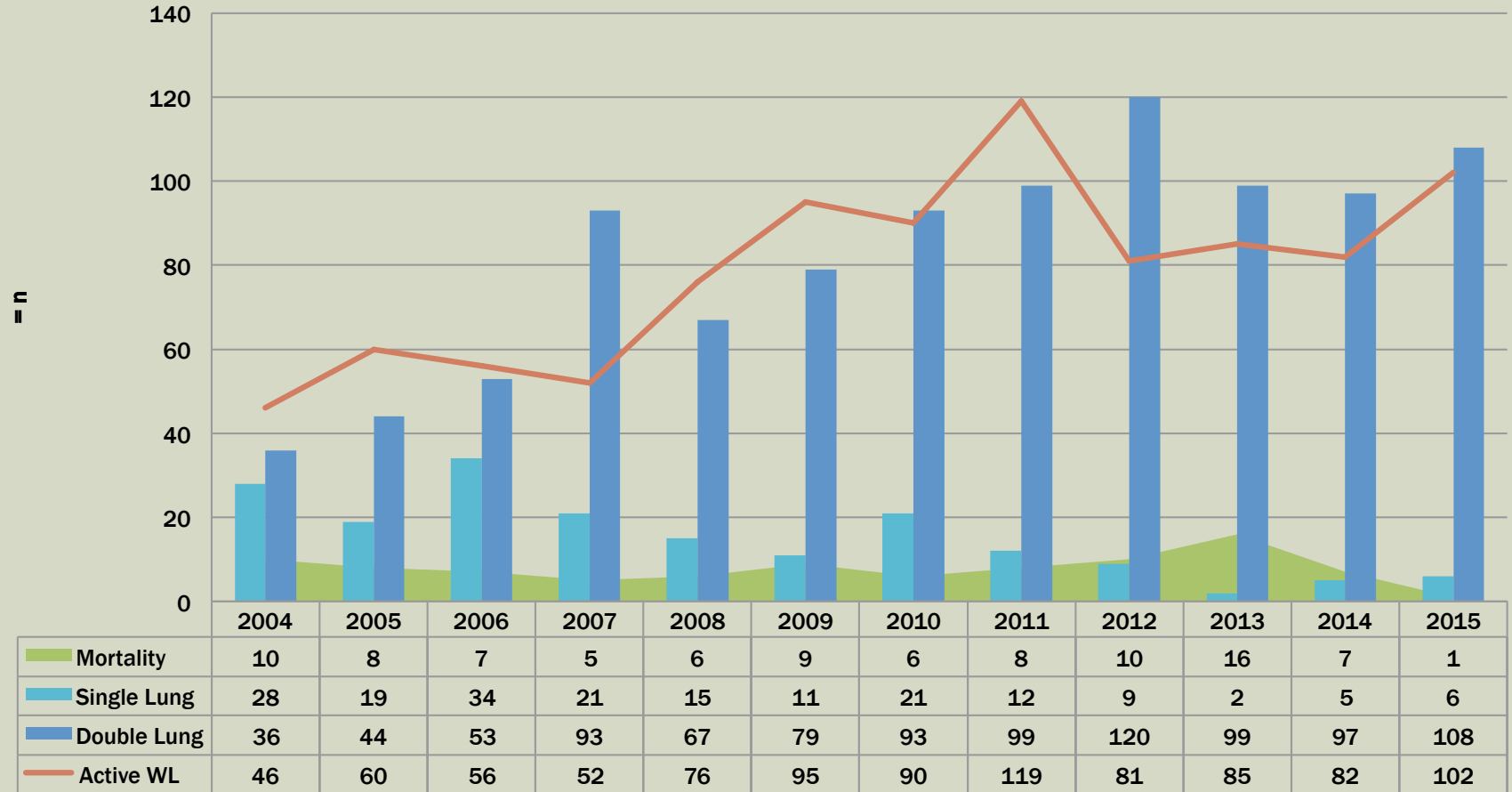
# LUNG 2015



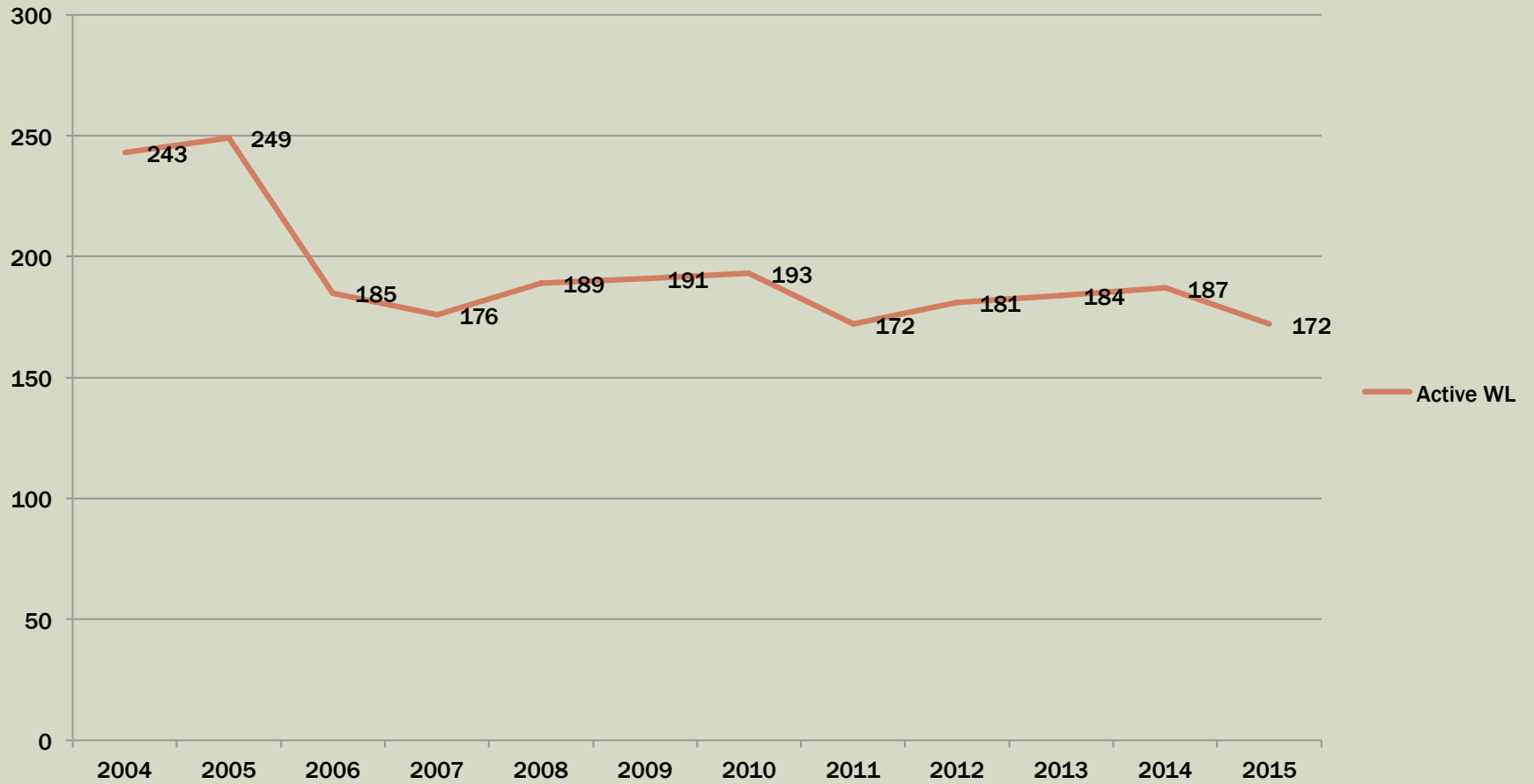
# LUNG 2015



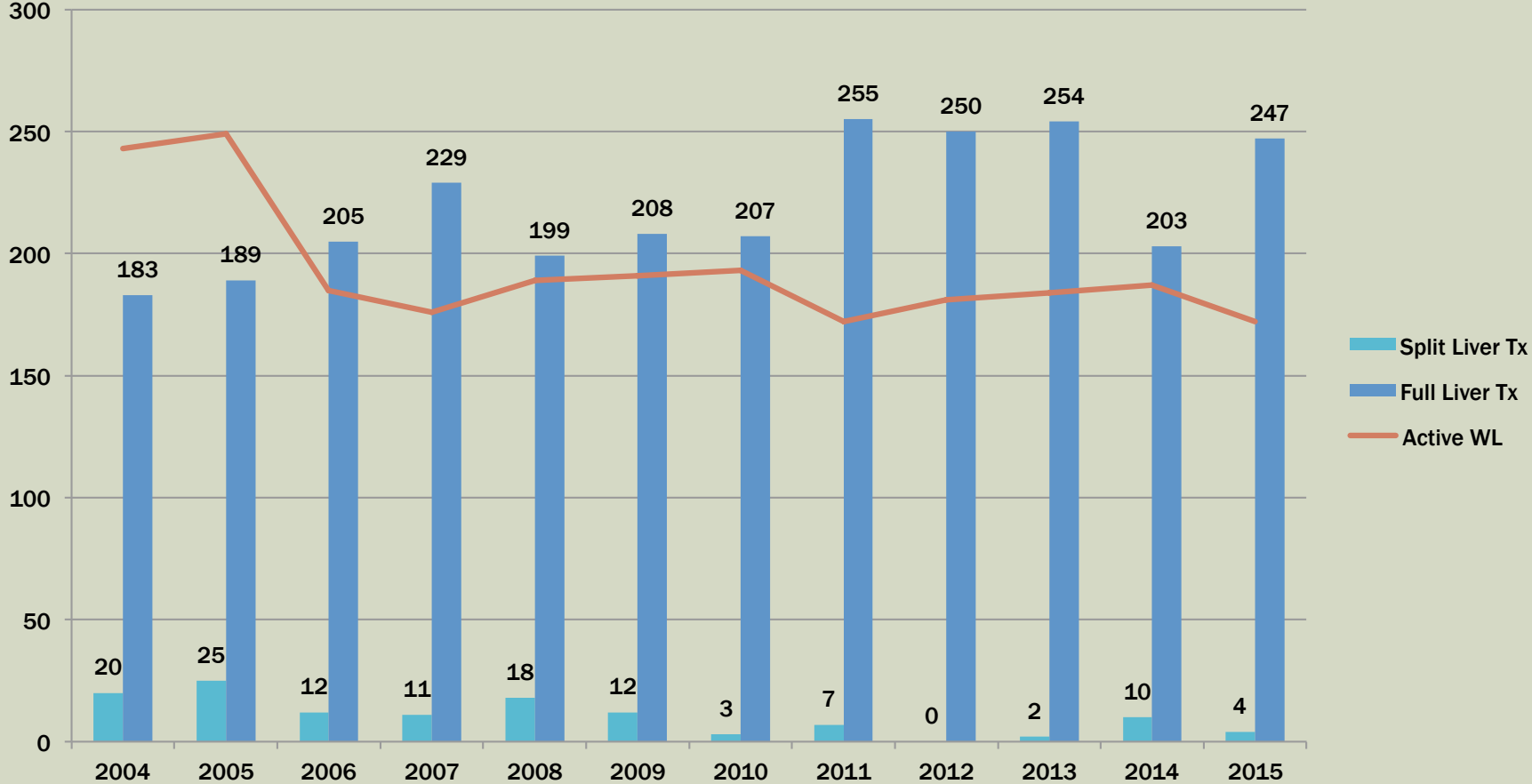
# LUNG 2015



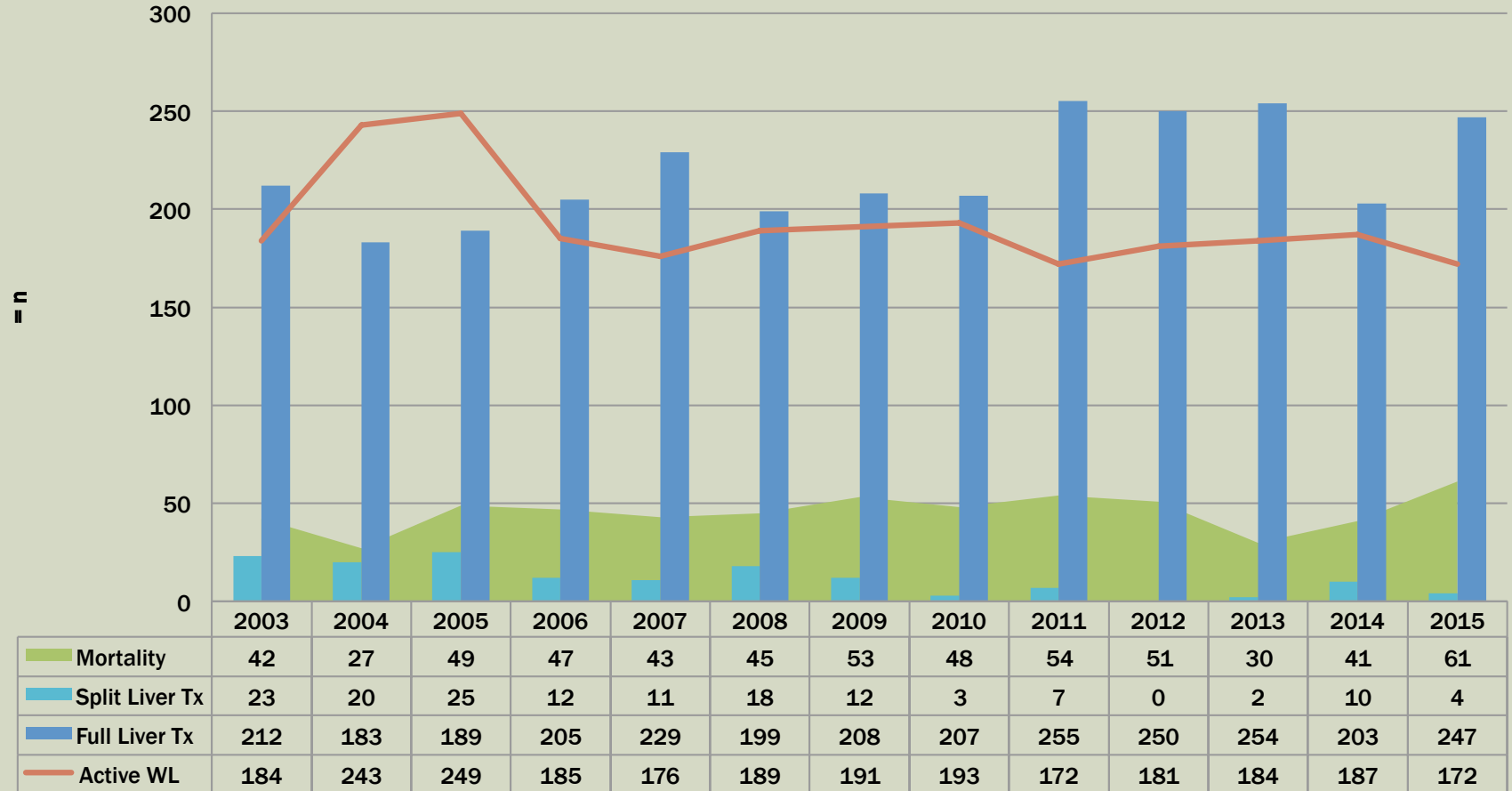
# LIVER 2015



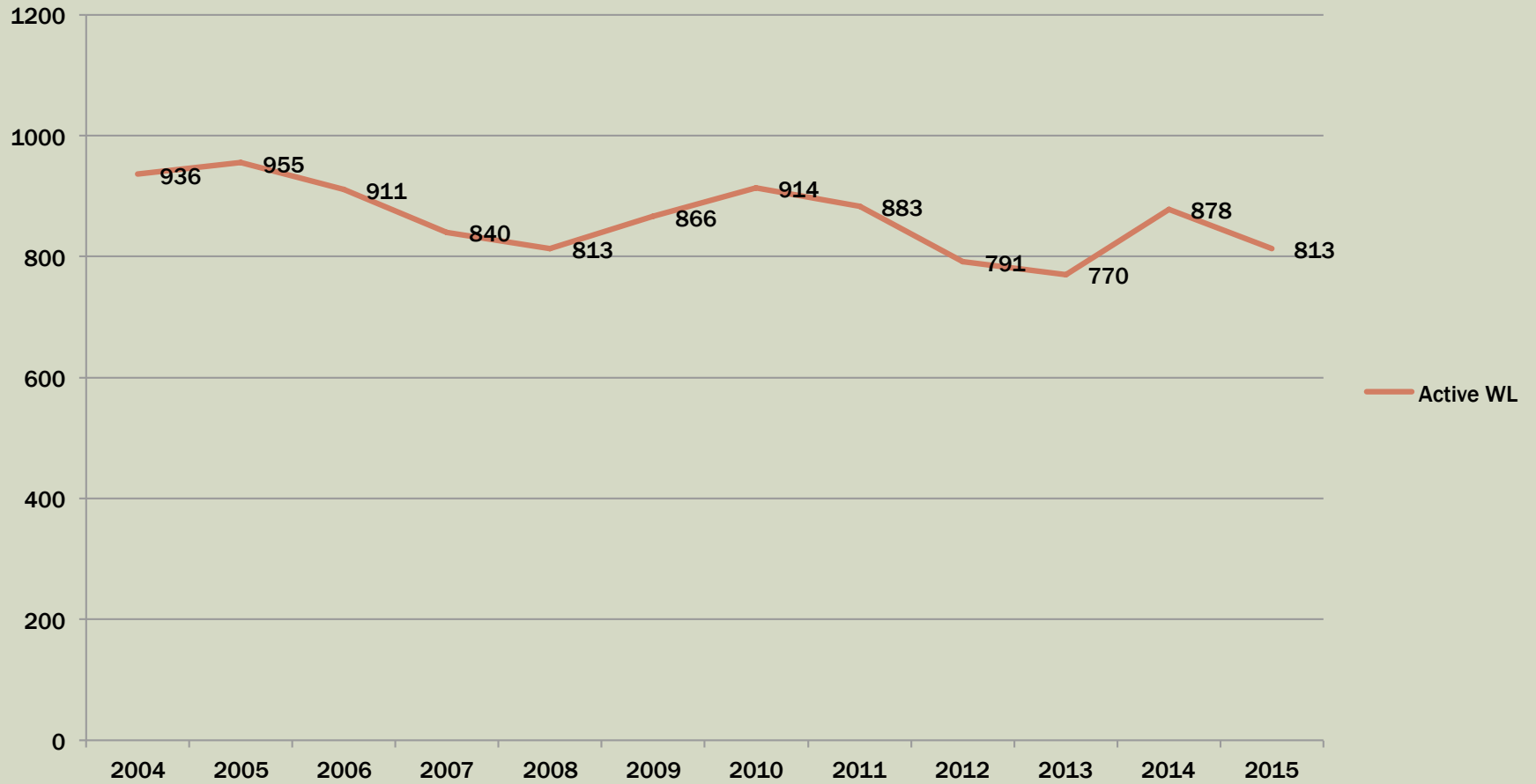
# LIVER 2015



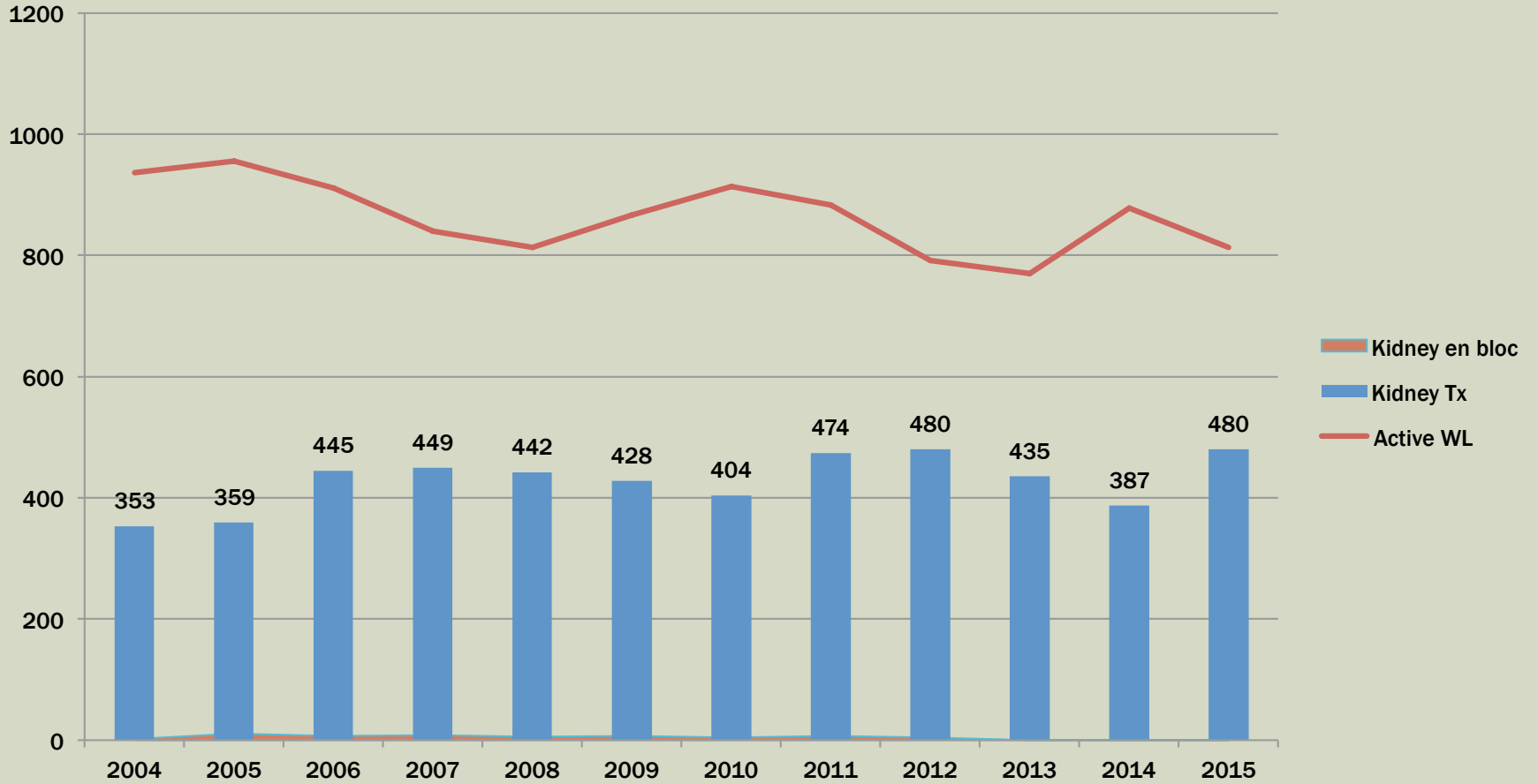
# LIVER 2015



# KIDNEY 2015

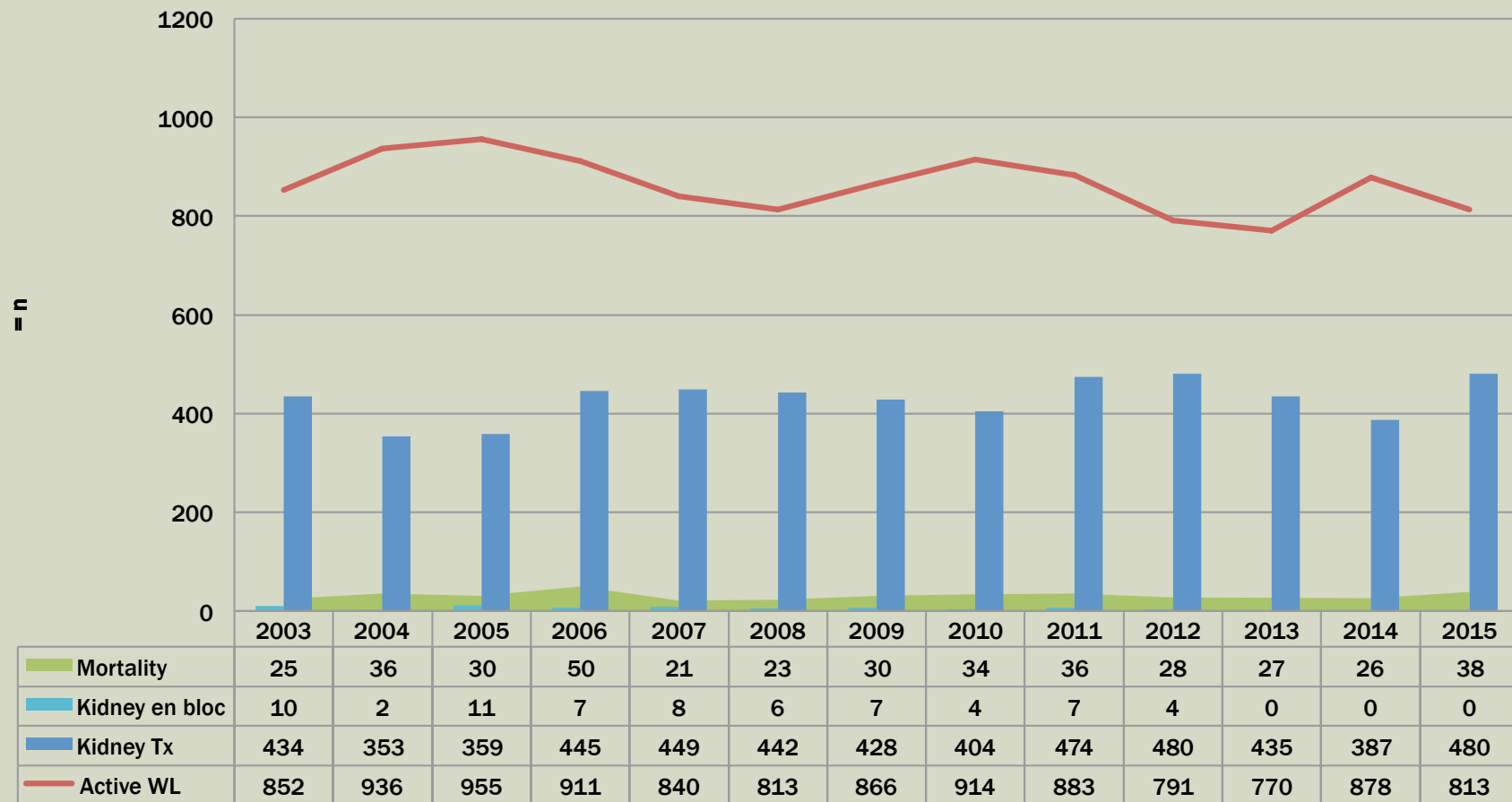


# KIDNEY 2015

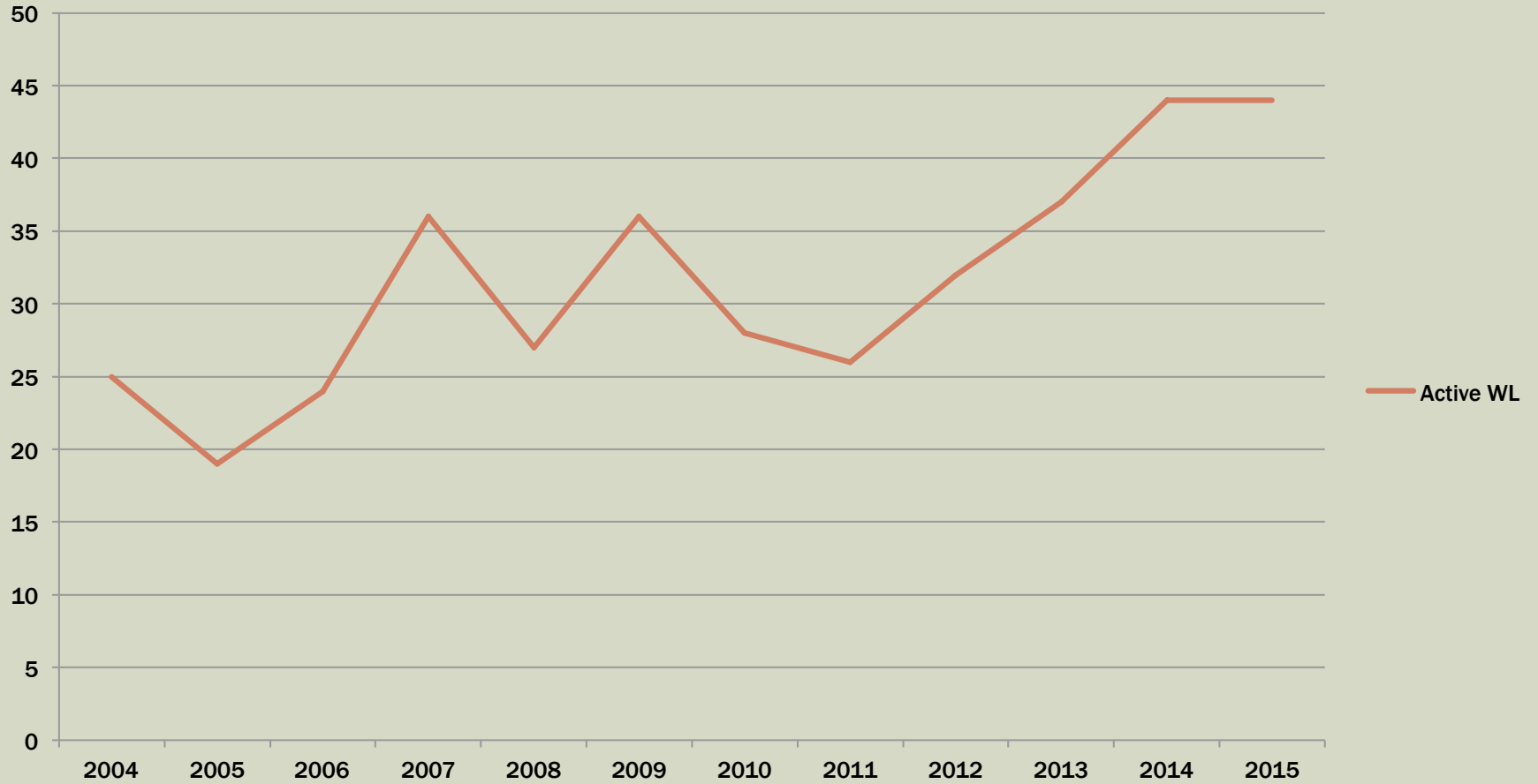




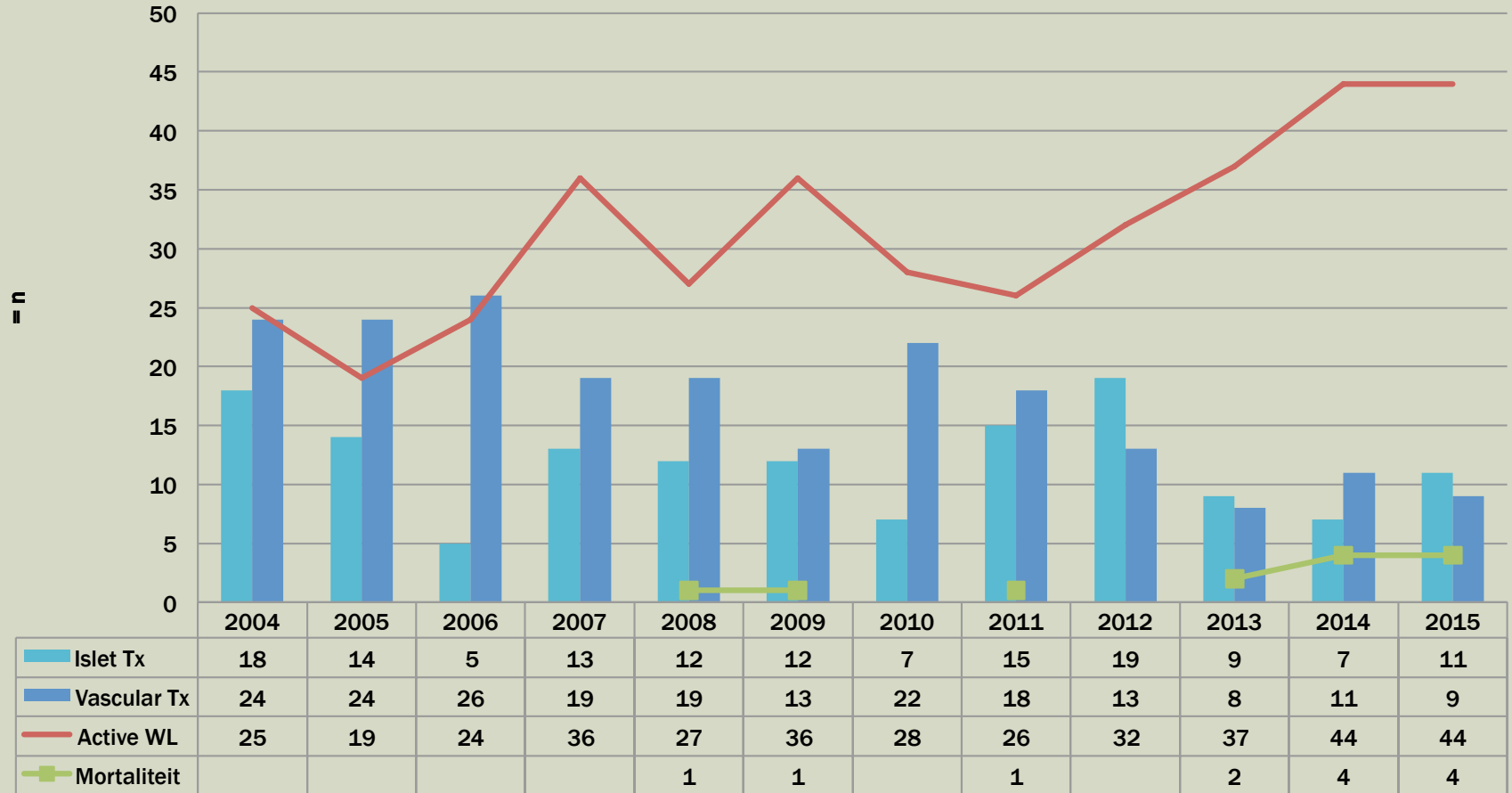
# KIDNEY 2015



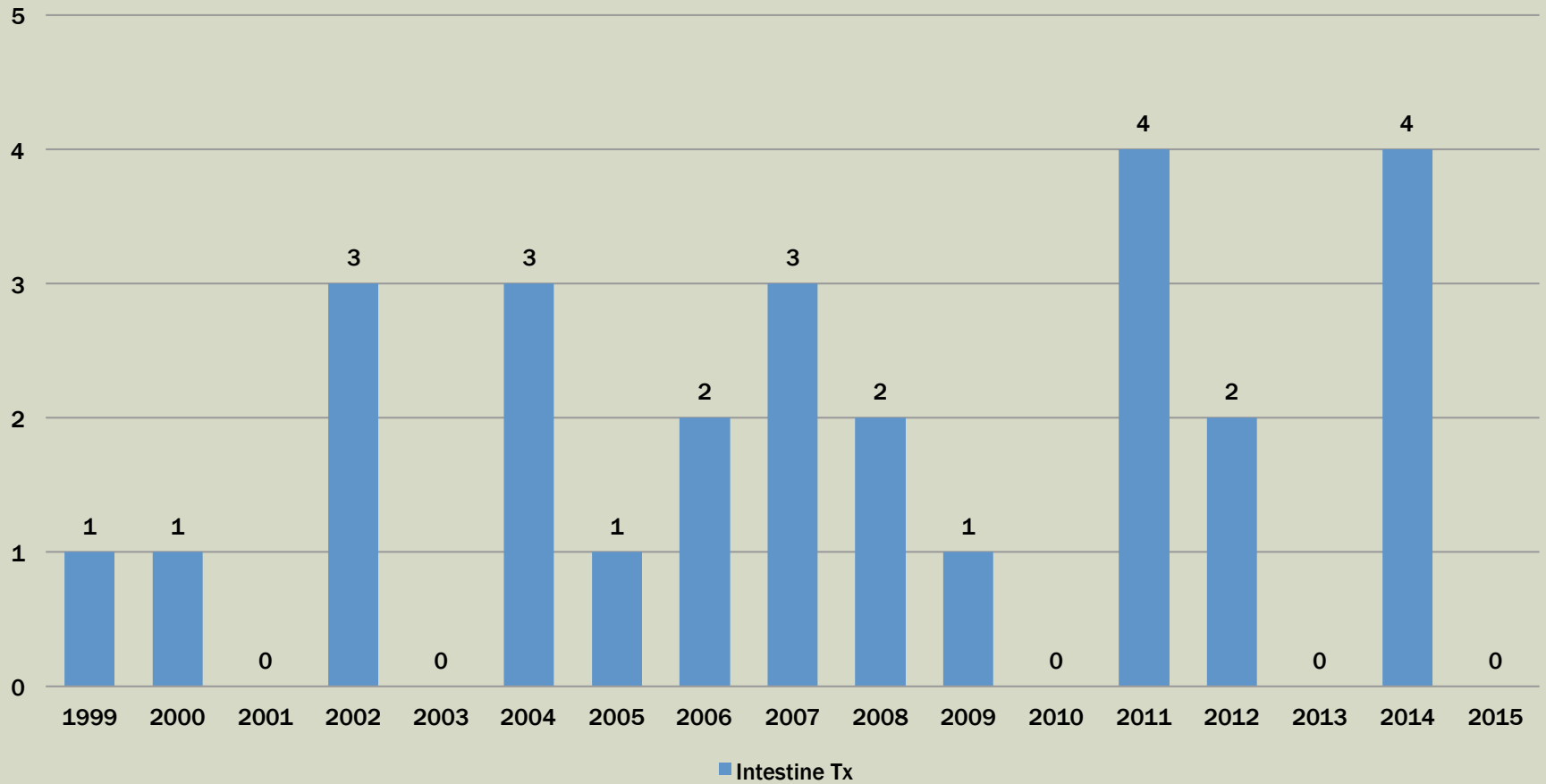
# PANCREAS 2015



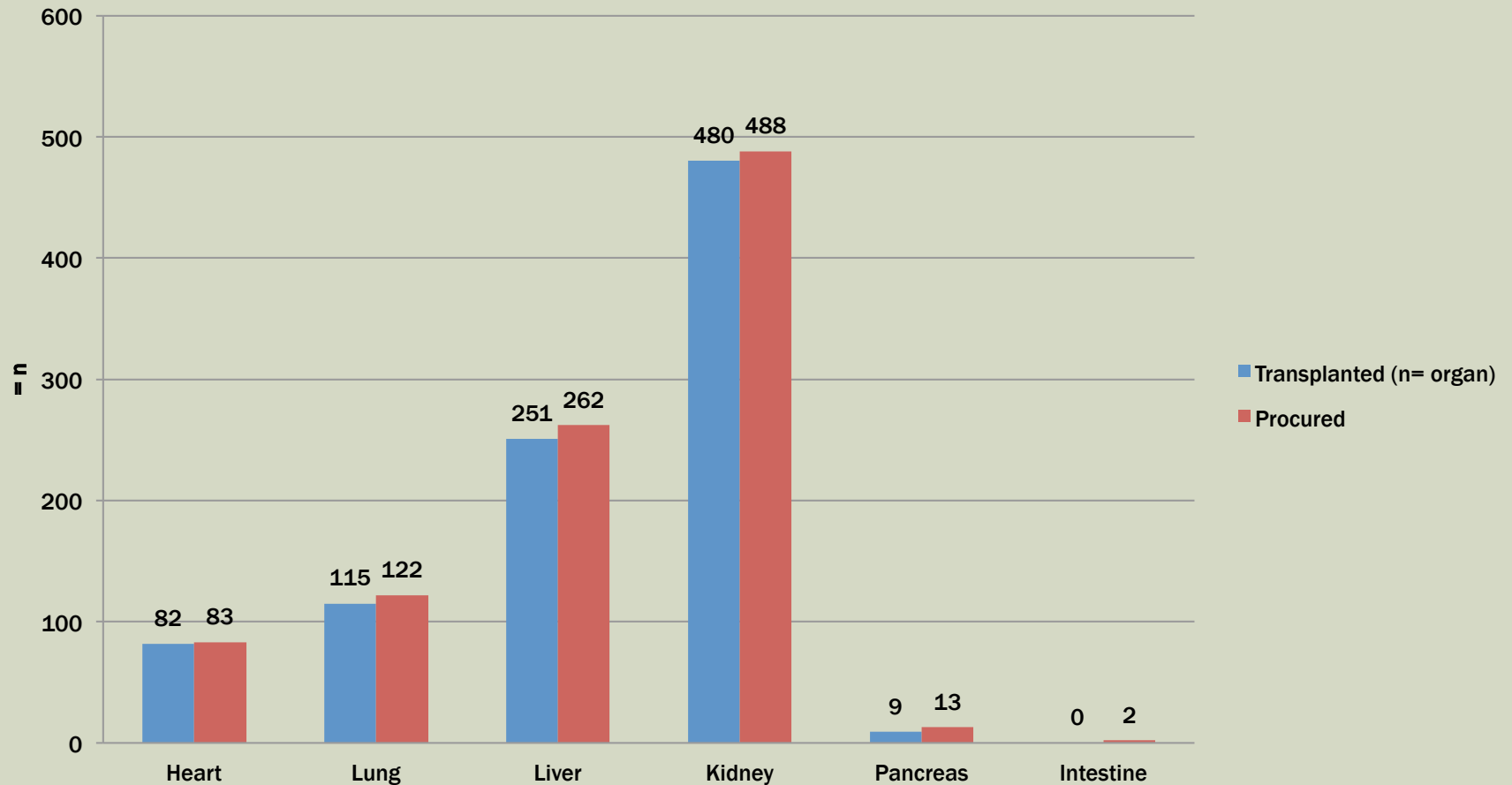
# PANCREAS 2015



# INTESTINE-TX 1999 - 2015



# TRANSPLANTED VS PROCURED ORGANS 2015

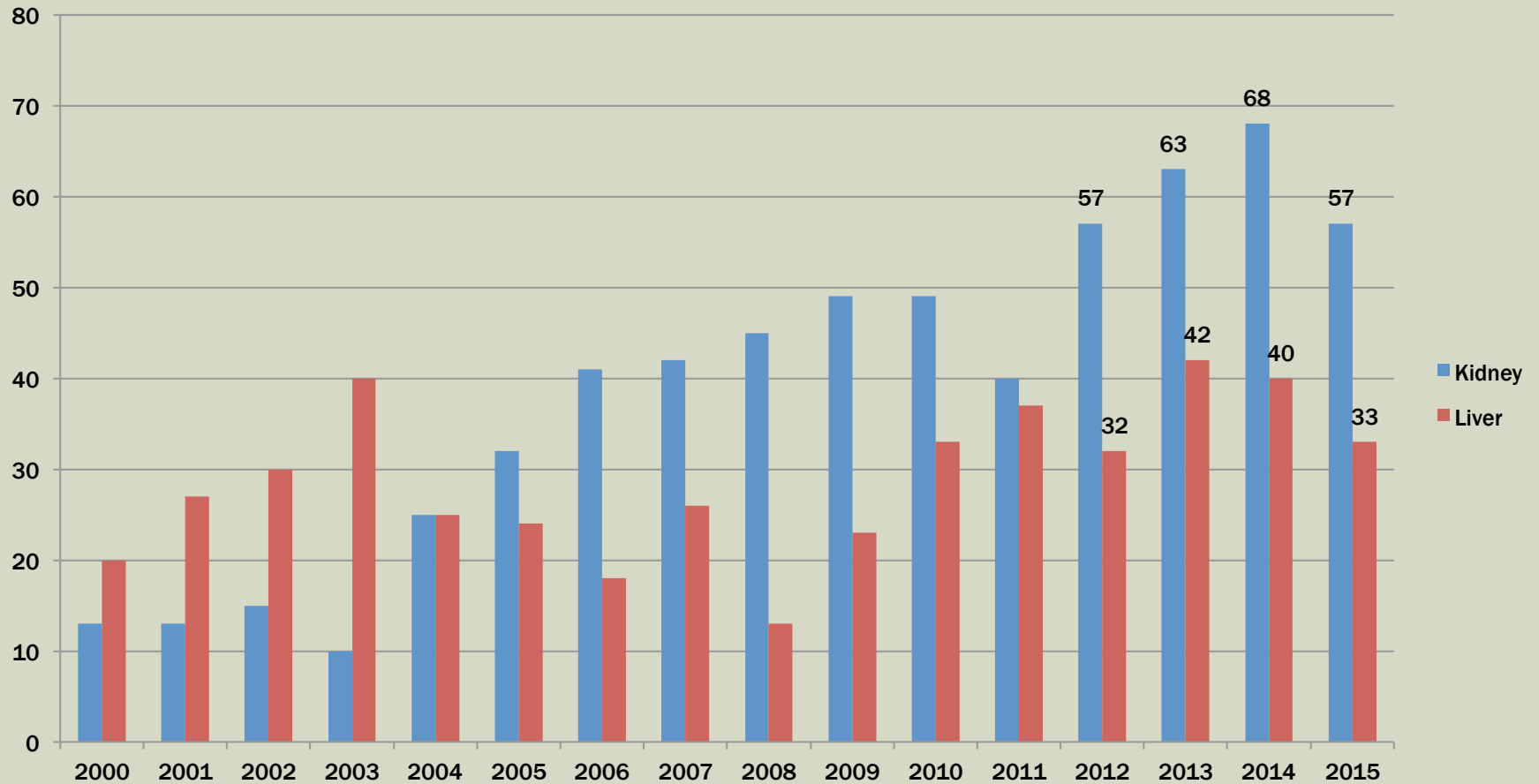


Remark procured: liver incl 3 livers for split (= 6) & 7 single lung donors

# LIVING DONOR



# LIVING DONOR TRANSPLANTS 2015



# LIVING DONOR EXCHANGE PROGRAM

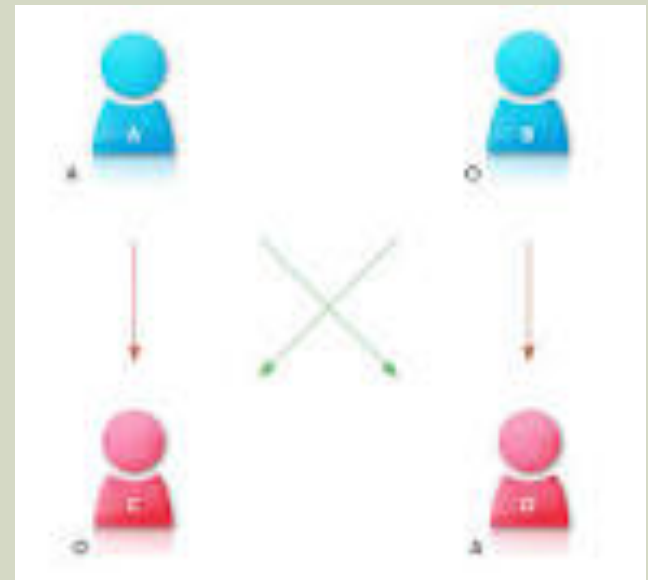
## ■ Result

### ■ March 2015

➡ Tx with 3 couples

### ■ July 2015

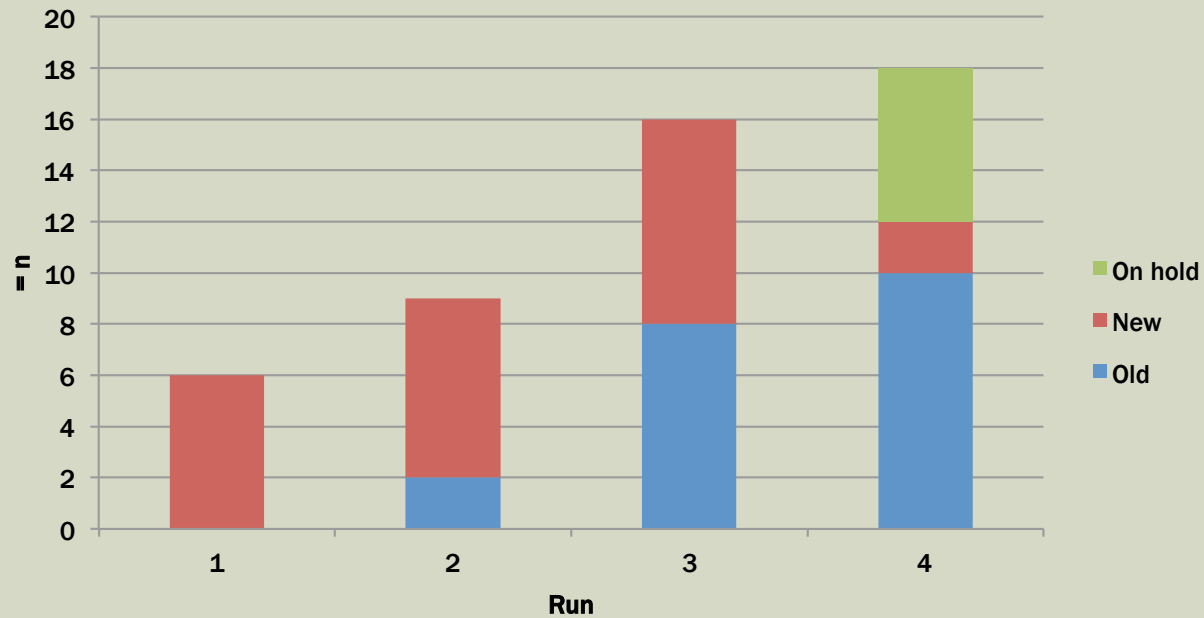
➡ Tx with 2 couples





# LIVING DONOR EXCHANGE PROGRAM

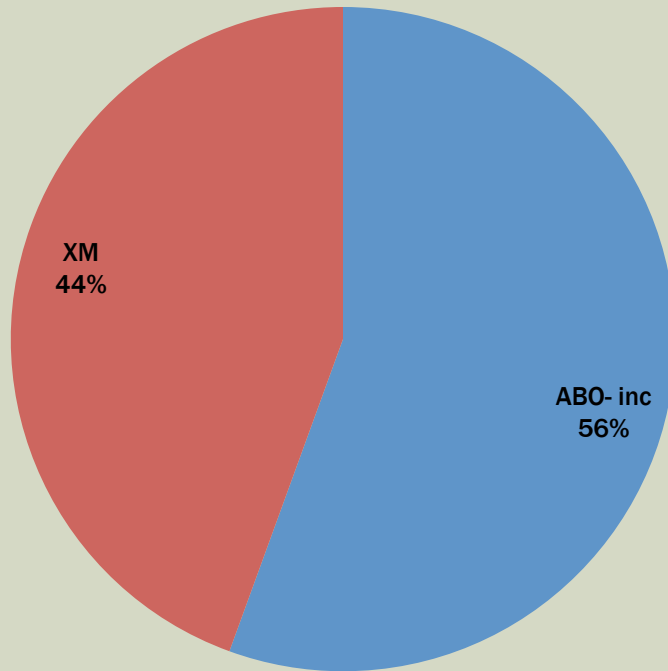
## LDEP: overview Runs 2013 - 2015



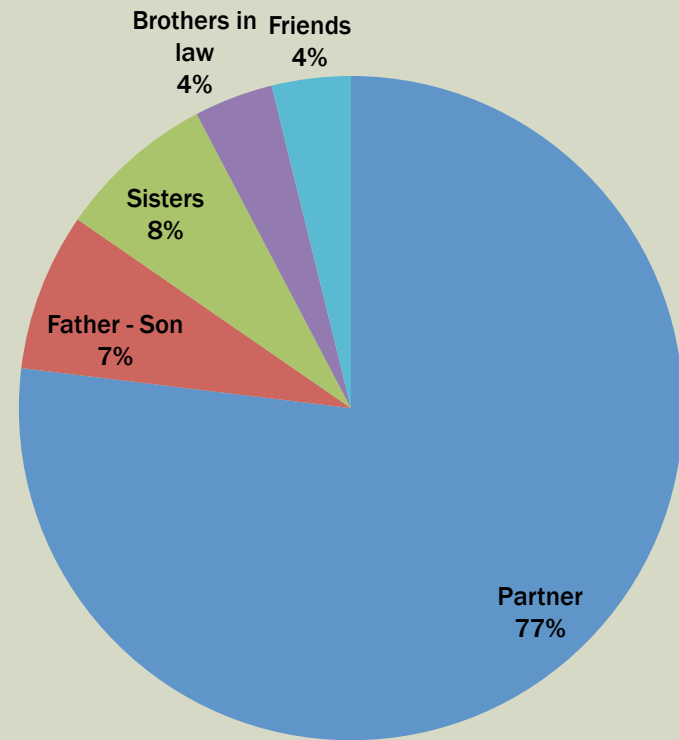
- Run 1: 6 couples (april 2013) – Run 4: 18 couples (march 2015)
- 2013 – 2015: 4 runs / 26 couples
- New run: march 2016

# 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

