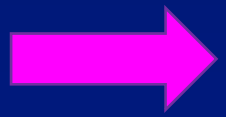
Modifications to Heart Allocation Policy

- Implemented July 12, 2006
- Changed the allocation order for medically urgent (Status 1A and 1B) patients
- Policy Change:

  - Local Status 1A
  - Local Status 1B
  - Local Status 2
  - Zone A Status 1A
  - Zone A Status 1B
  - Zone A Status 2
  - Zone B Status 1A
  - Zone B Status 1B
  - Etc.

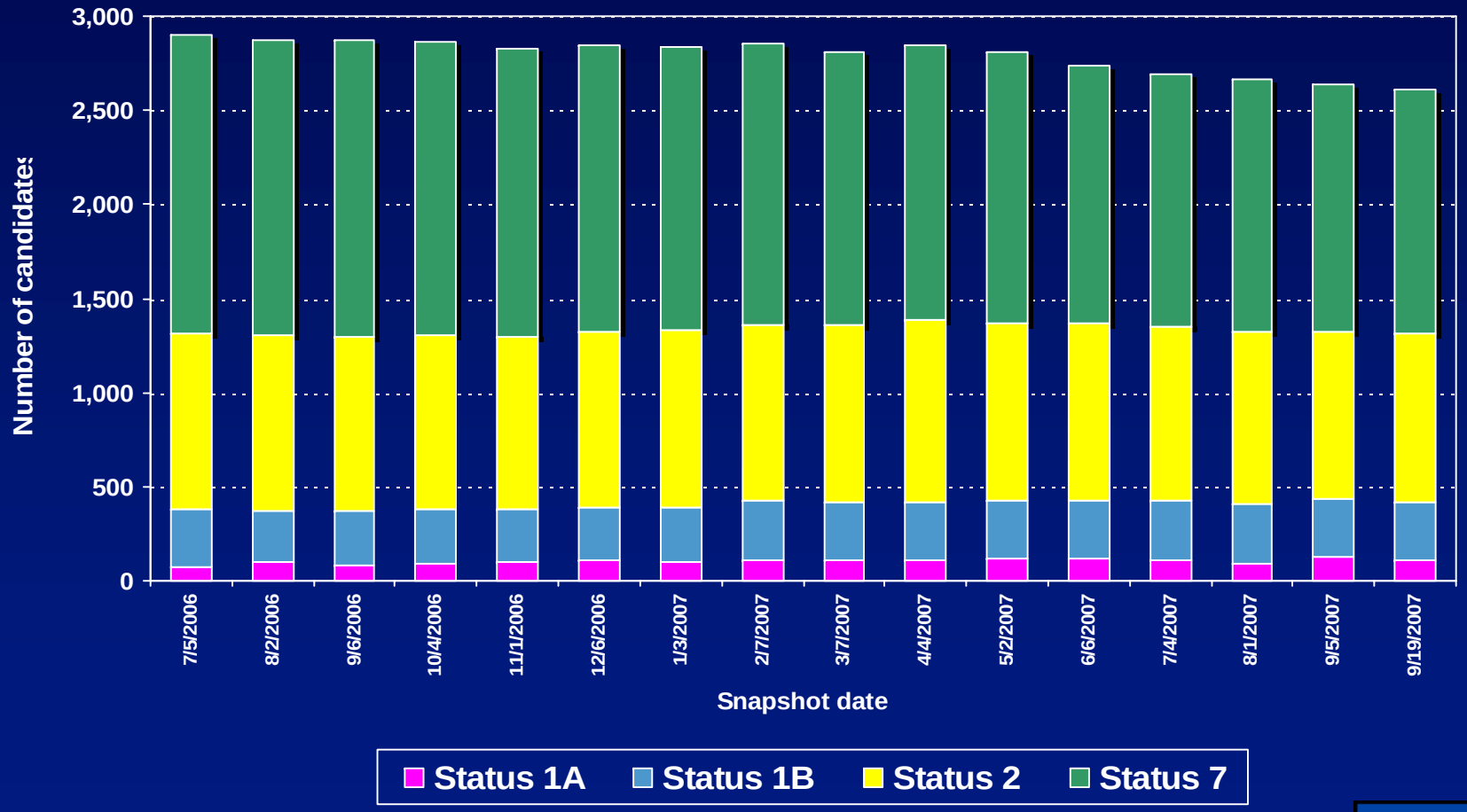


  - Local Status 1A
  - Local Status 1B
  - Zone A Status 1A
  - Zone A Status 1B
  - Local Status 2
  - Zone B Status 1A
  - Zone B Status 1B
  - Zone A Status 2
  - Etc.

Background

- Goals of the Policy:
  - Reduce waiting list mortality for urgent patients by increasing priority of urgent Status 1A and 1B candidates
- This presentation will review changes during the first 12 months following the policy implementation

Composition of Heart Waiting List by Medical Urgency 7/5/2006 – 9/19/2007

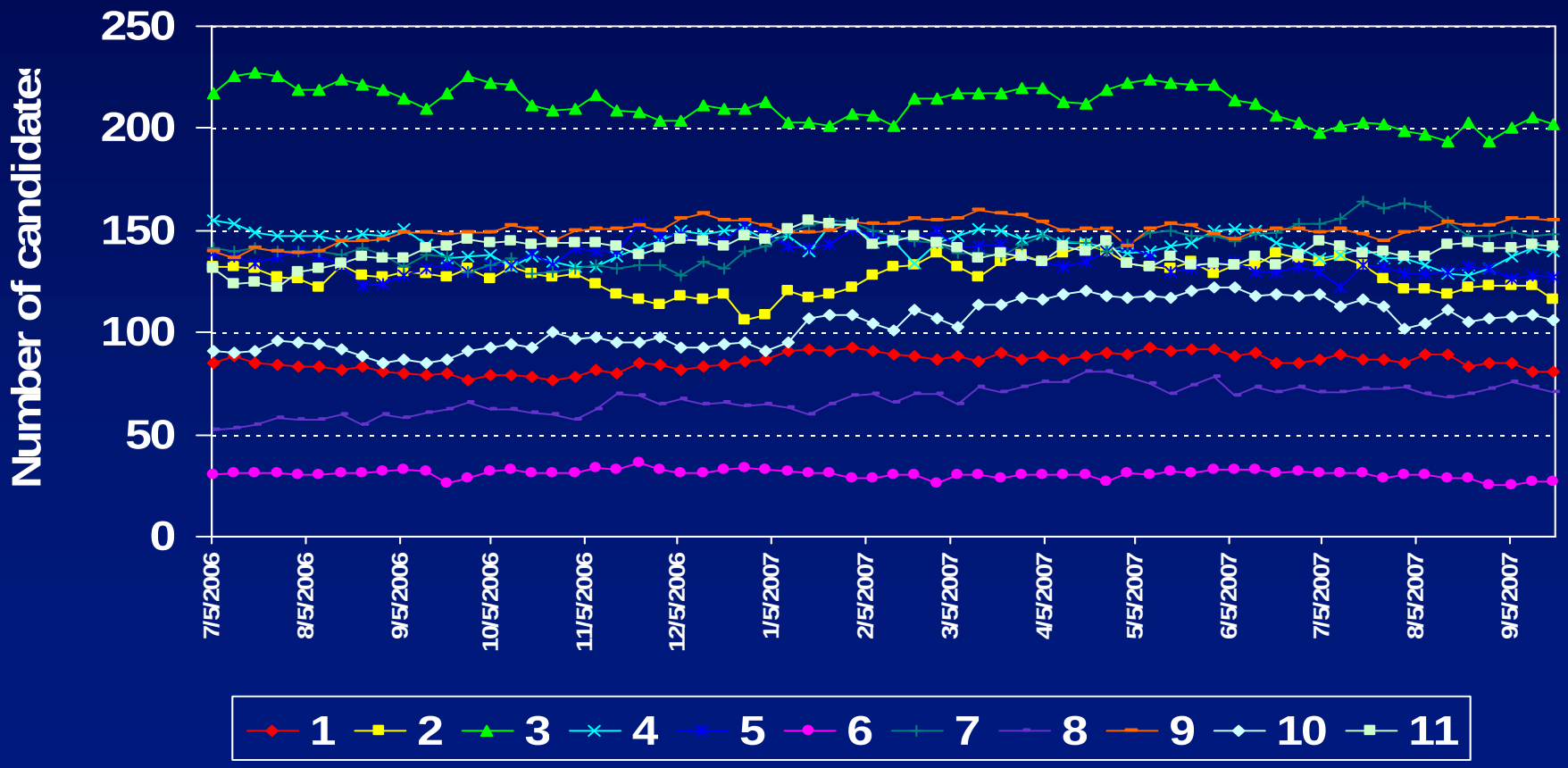


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Number of Active Heart Candidates on the Waiting List by Week and Region 7/5/2006 – 9/19/2007

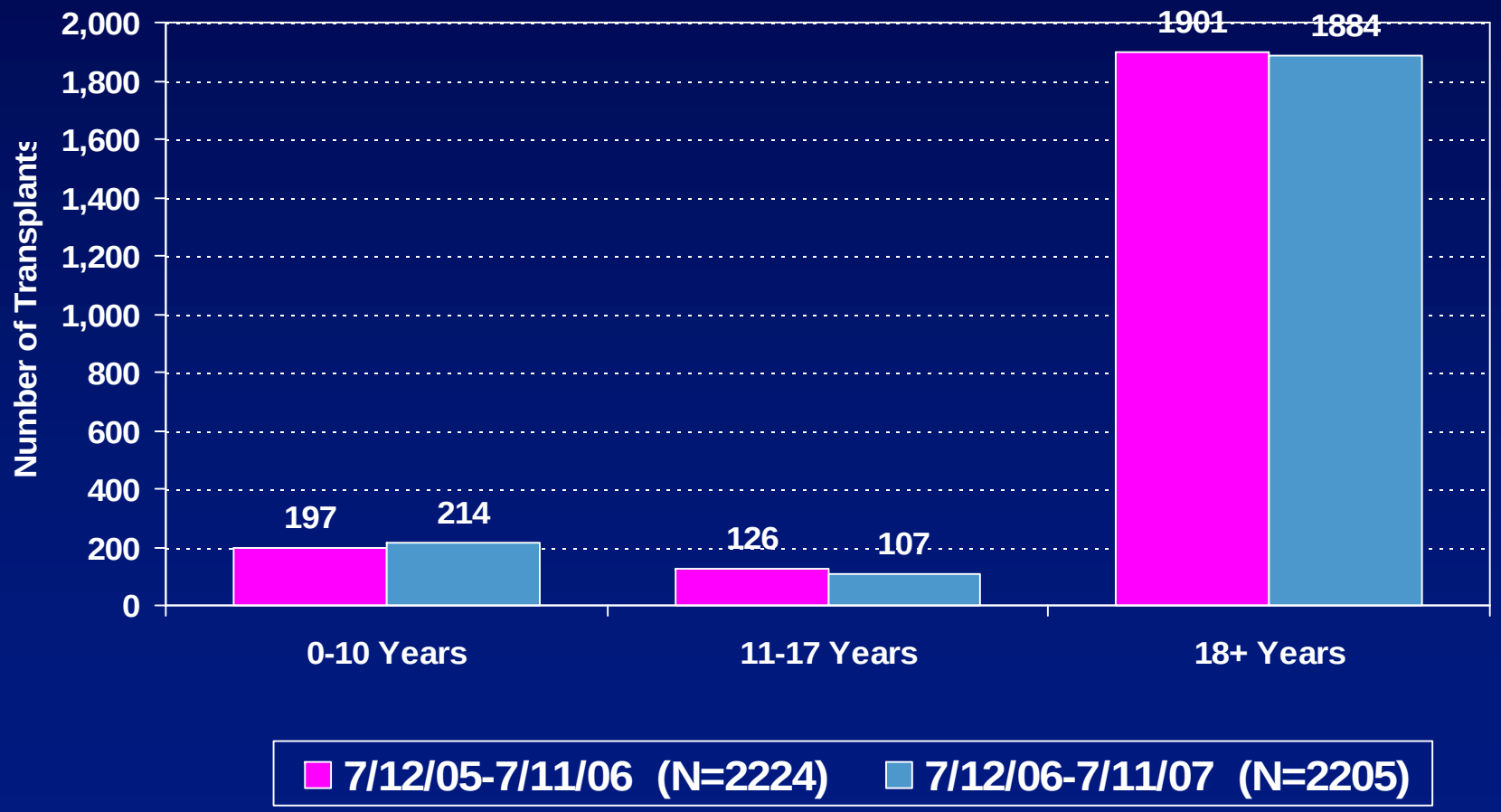


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by recipient age group
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007

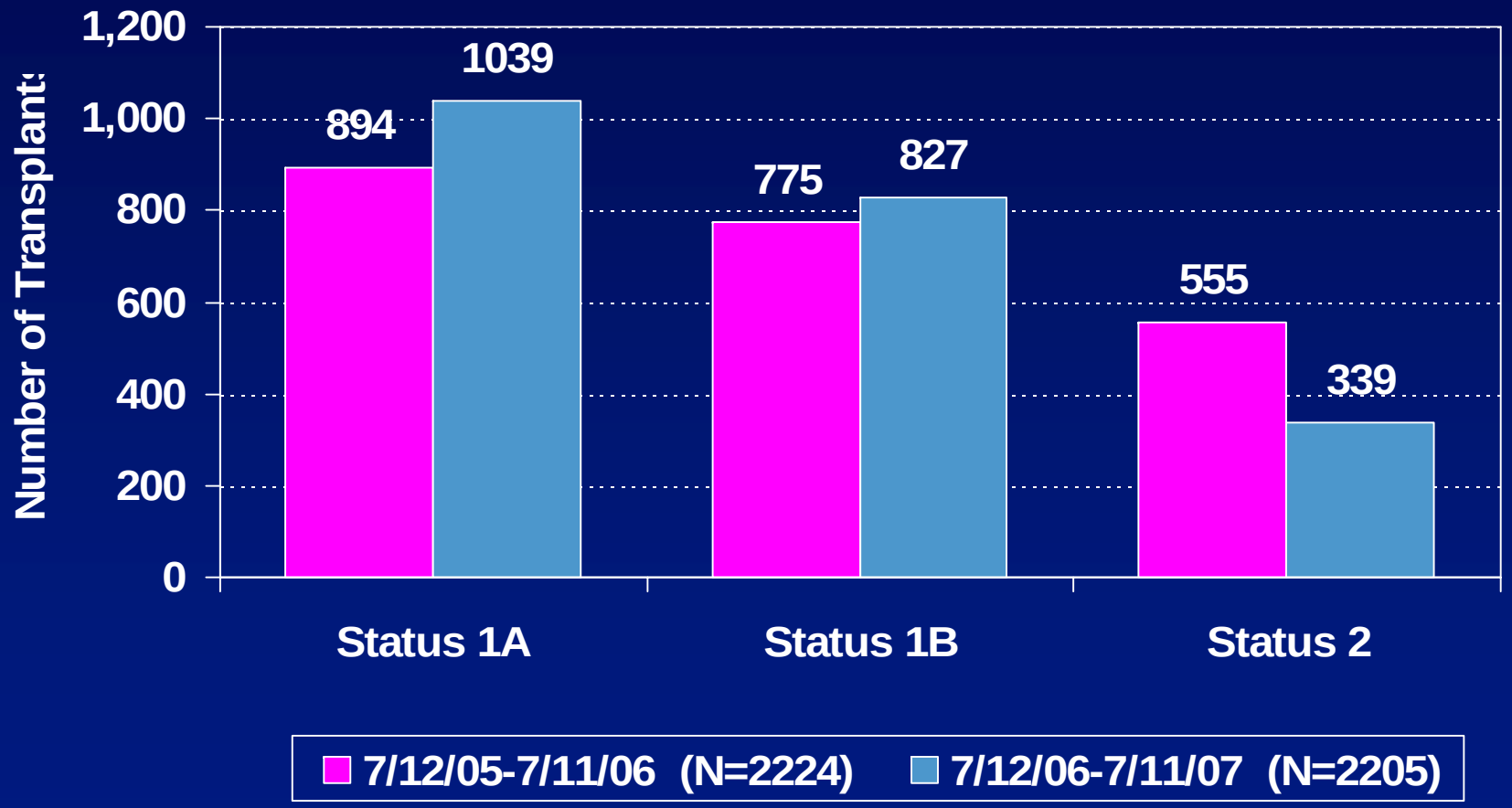


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007

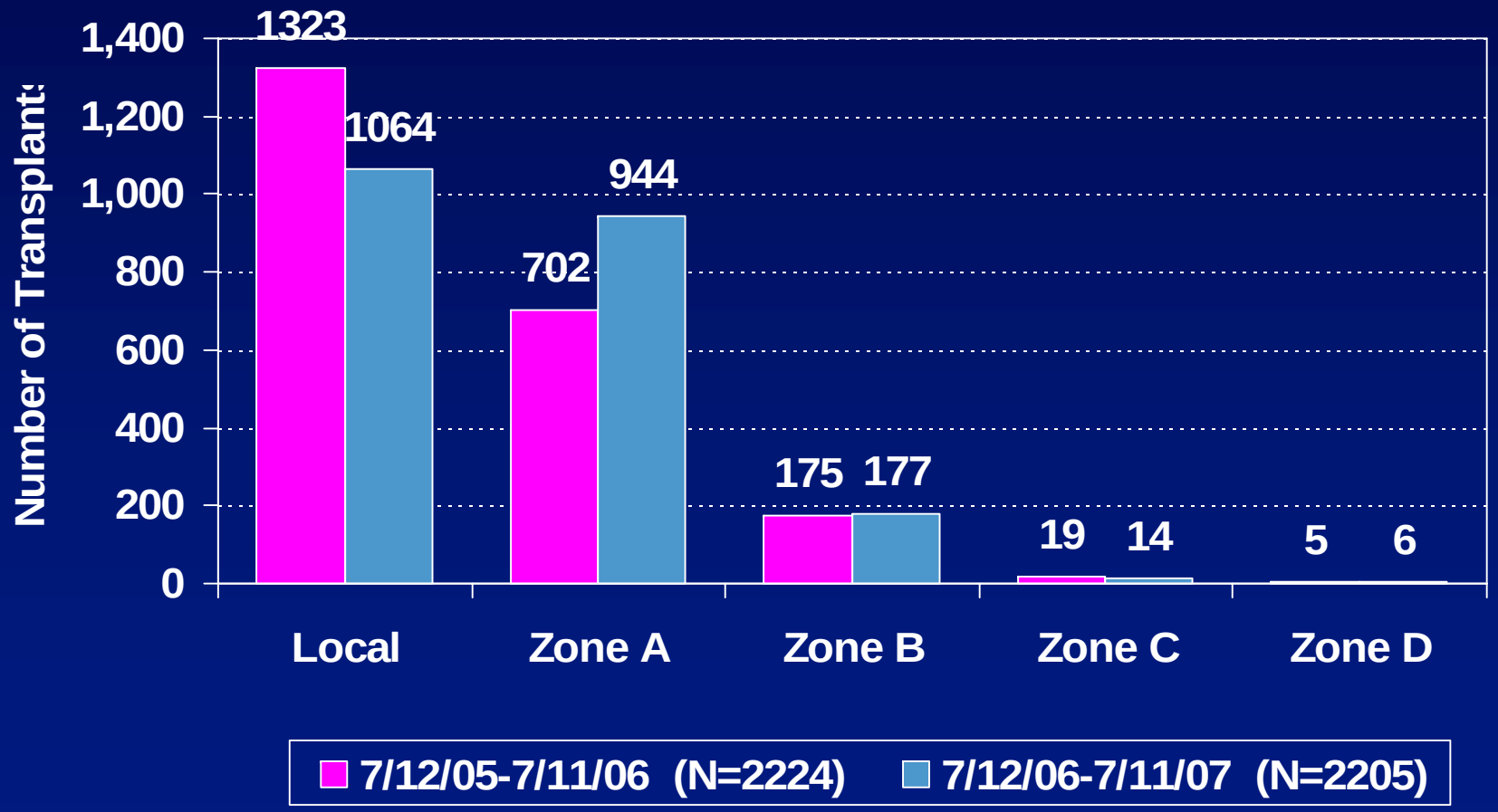


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Geographic Location
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007



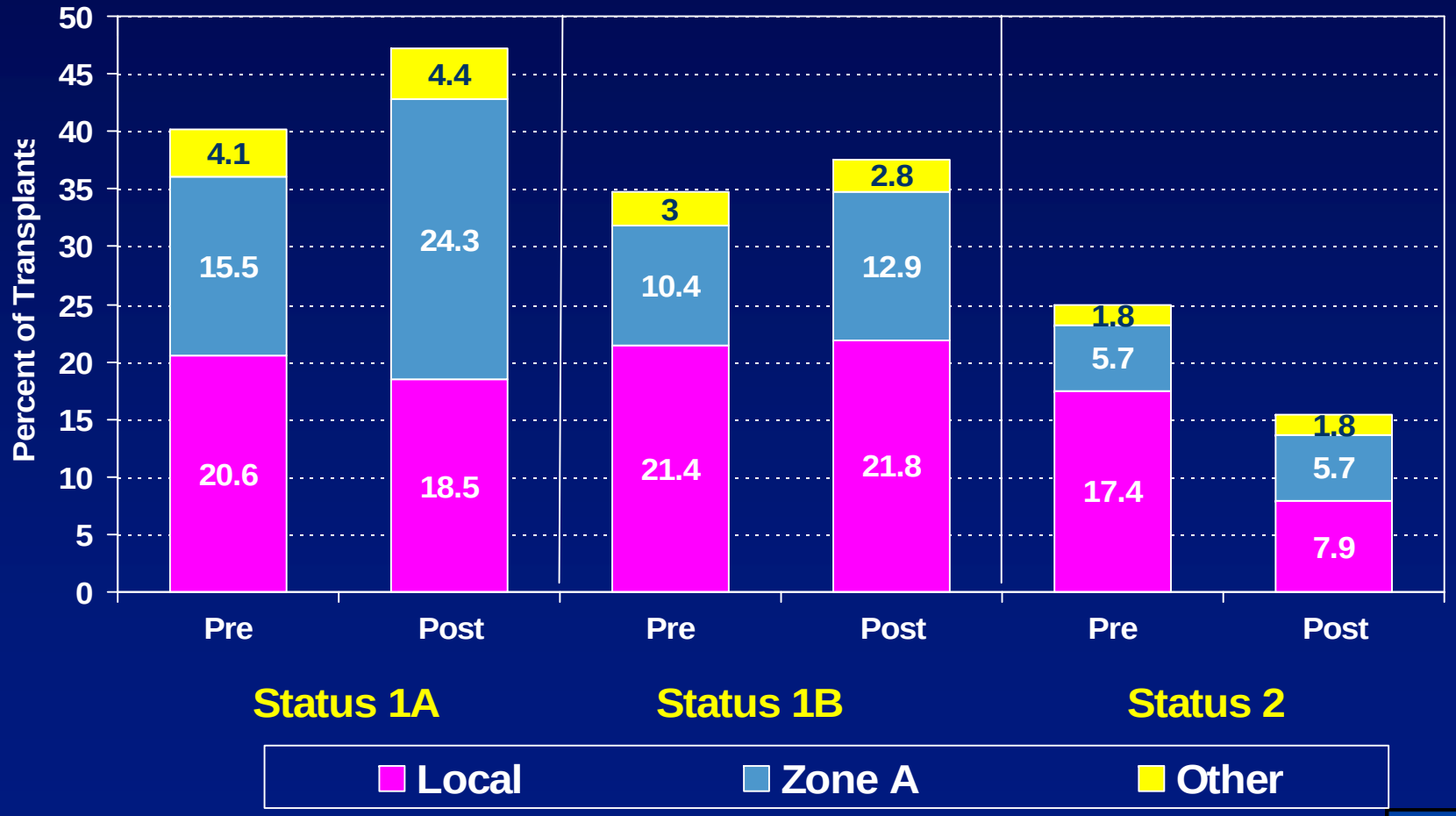
OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Geographic Location and Medical Urgency Status

7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007

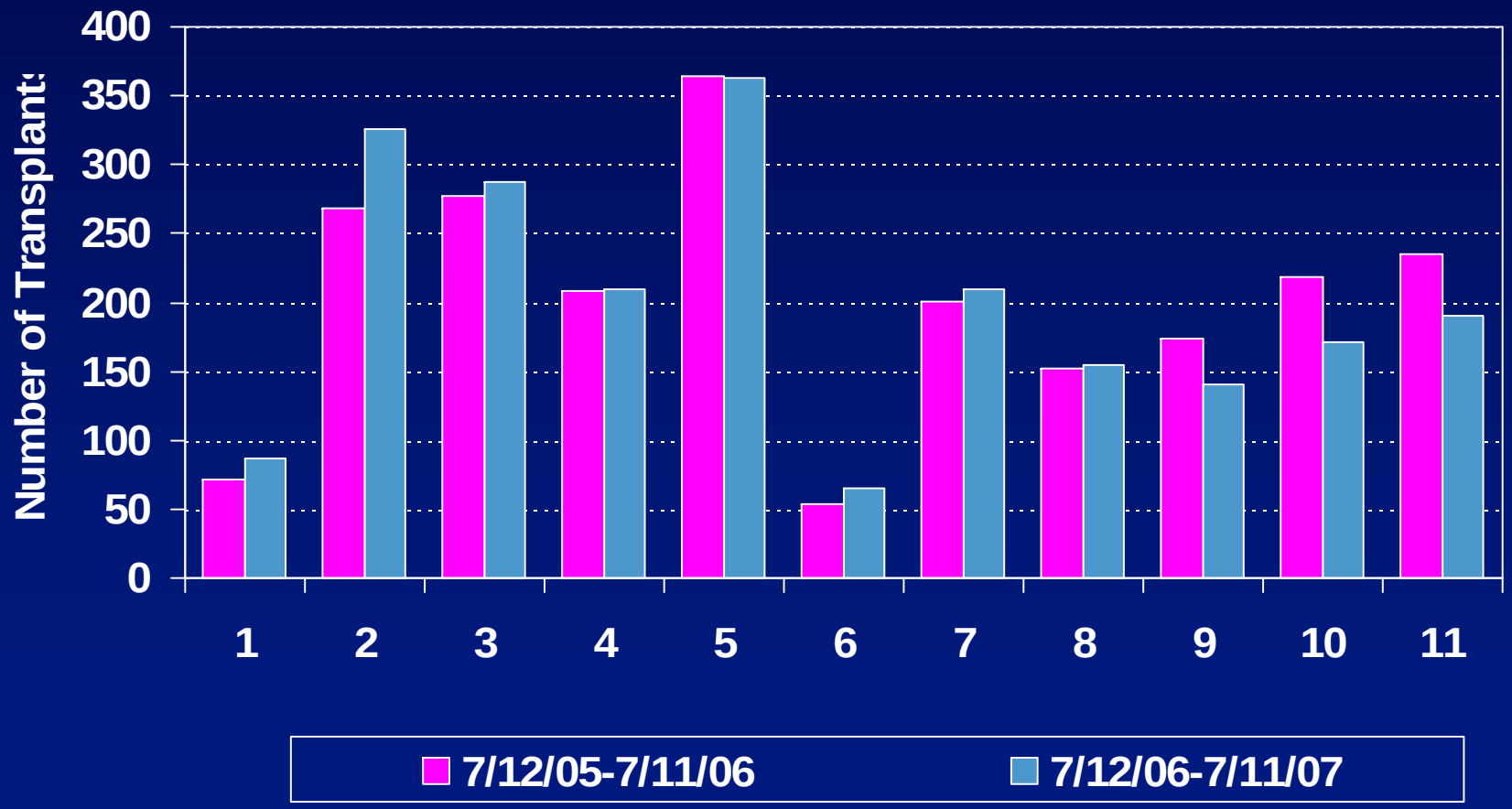


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Region
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007

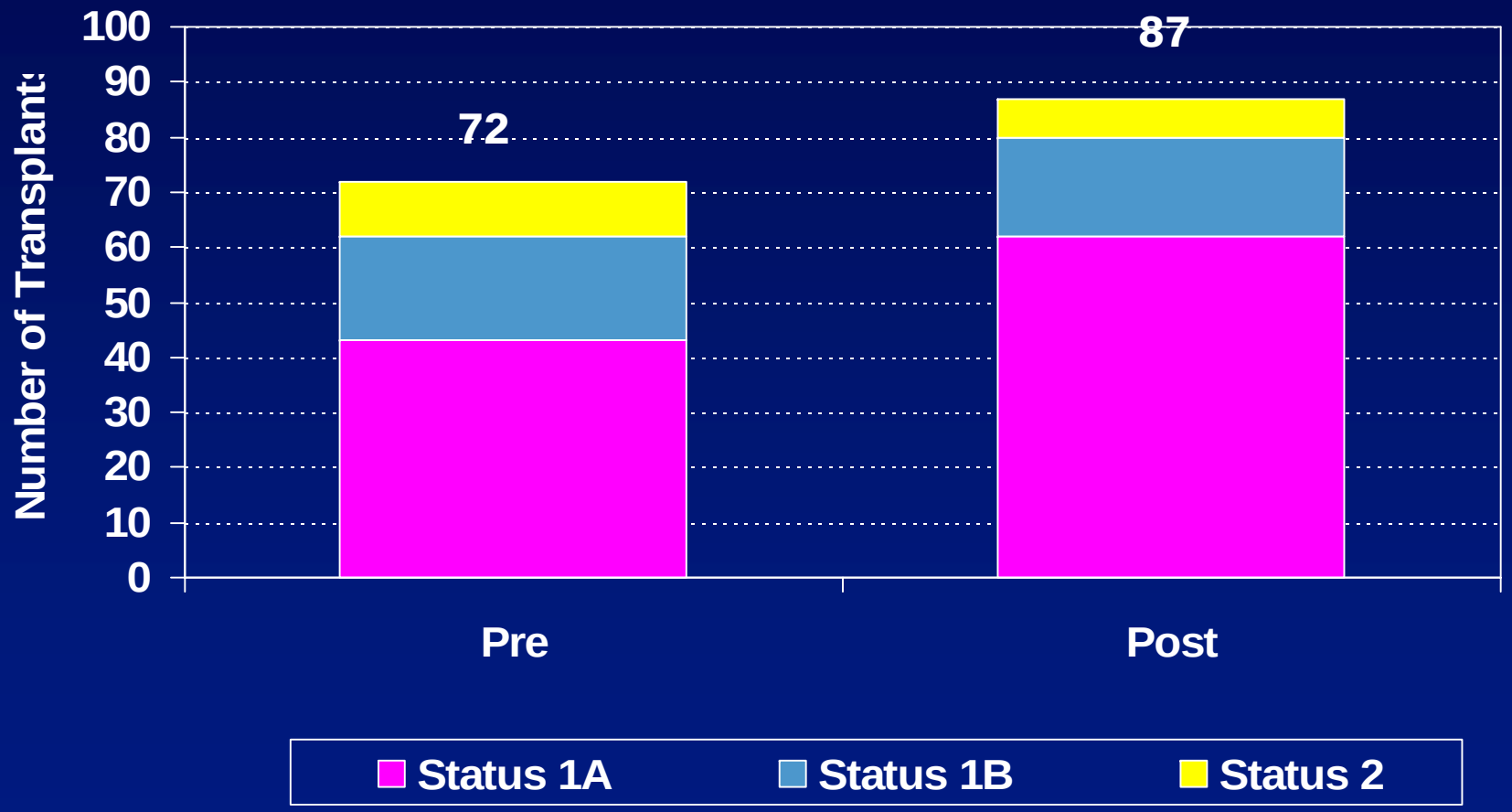


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 1

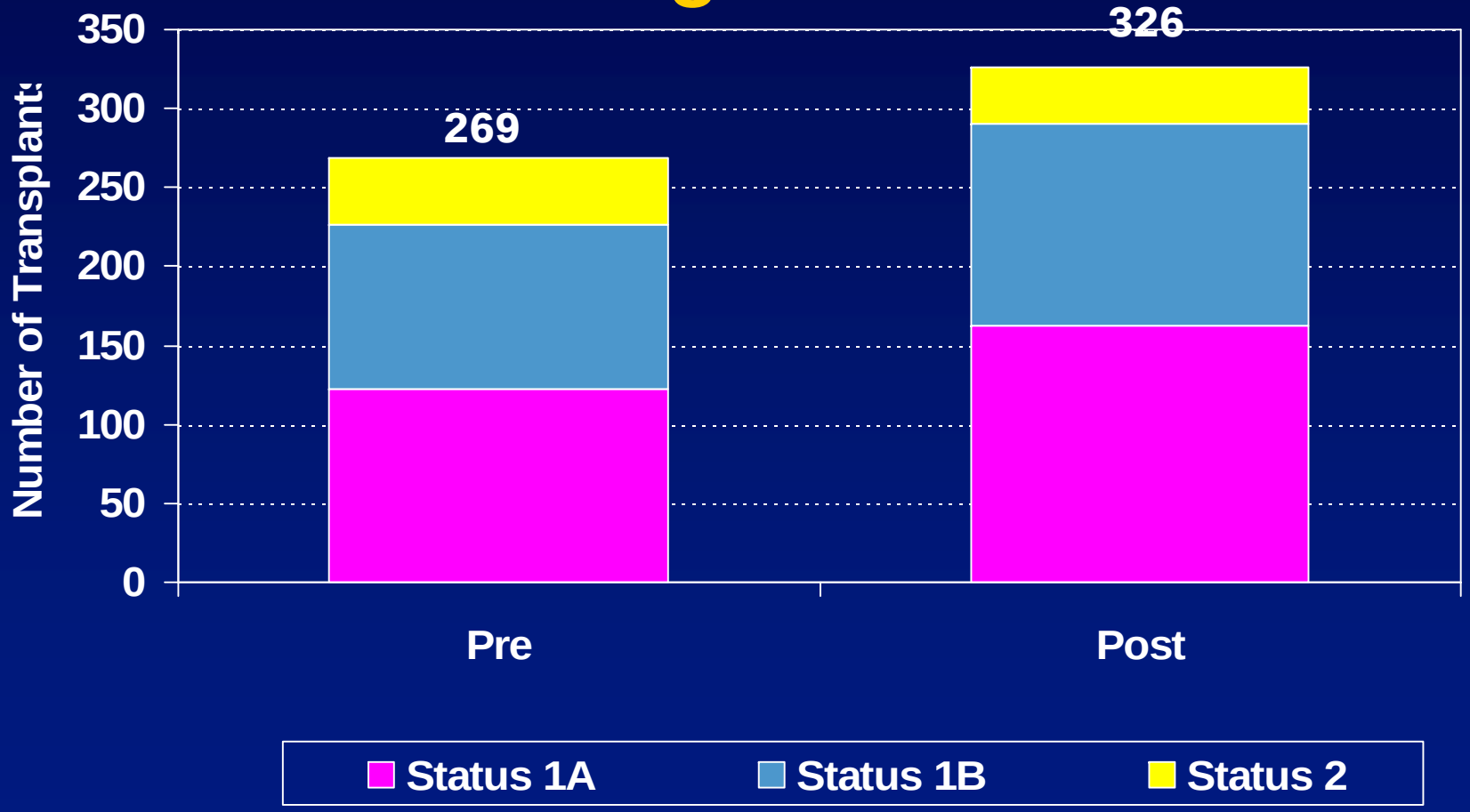


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 2

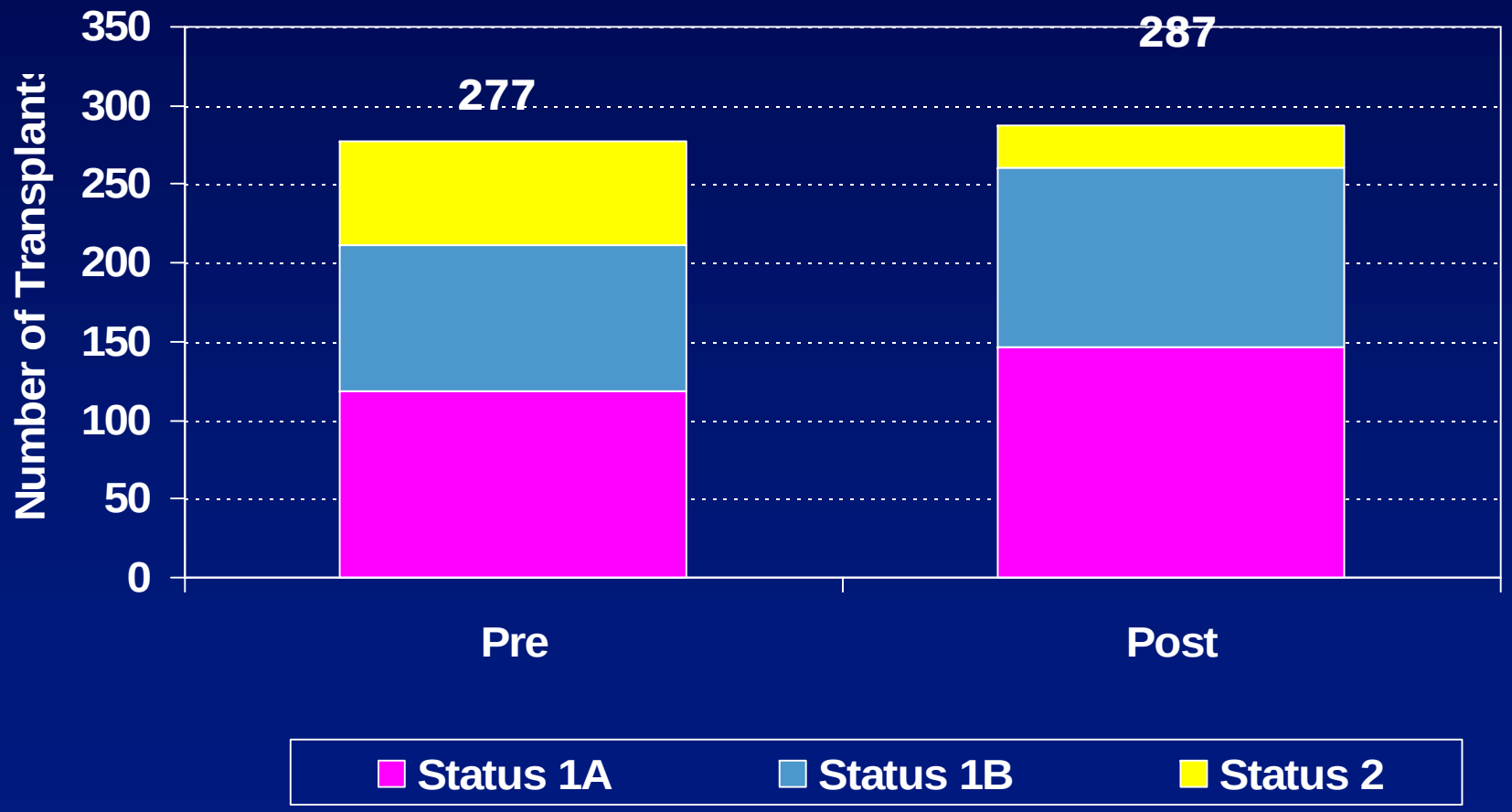


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 3

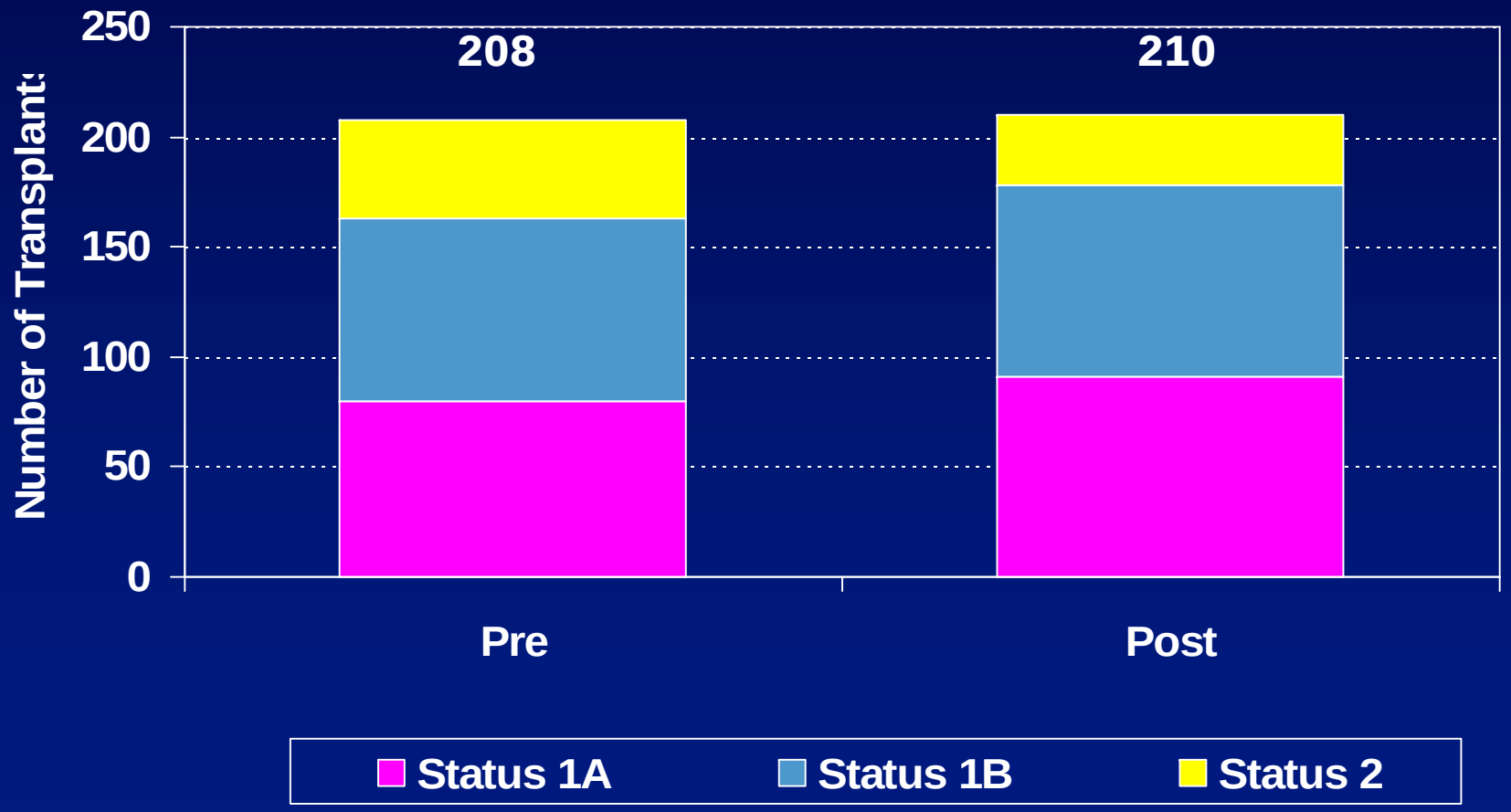


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 4

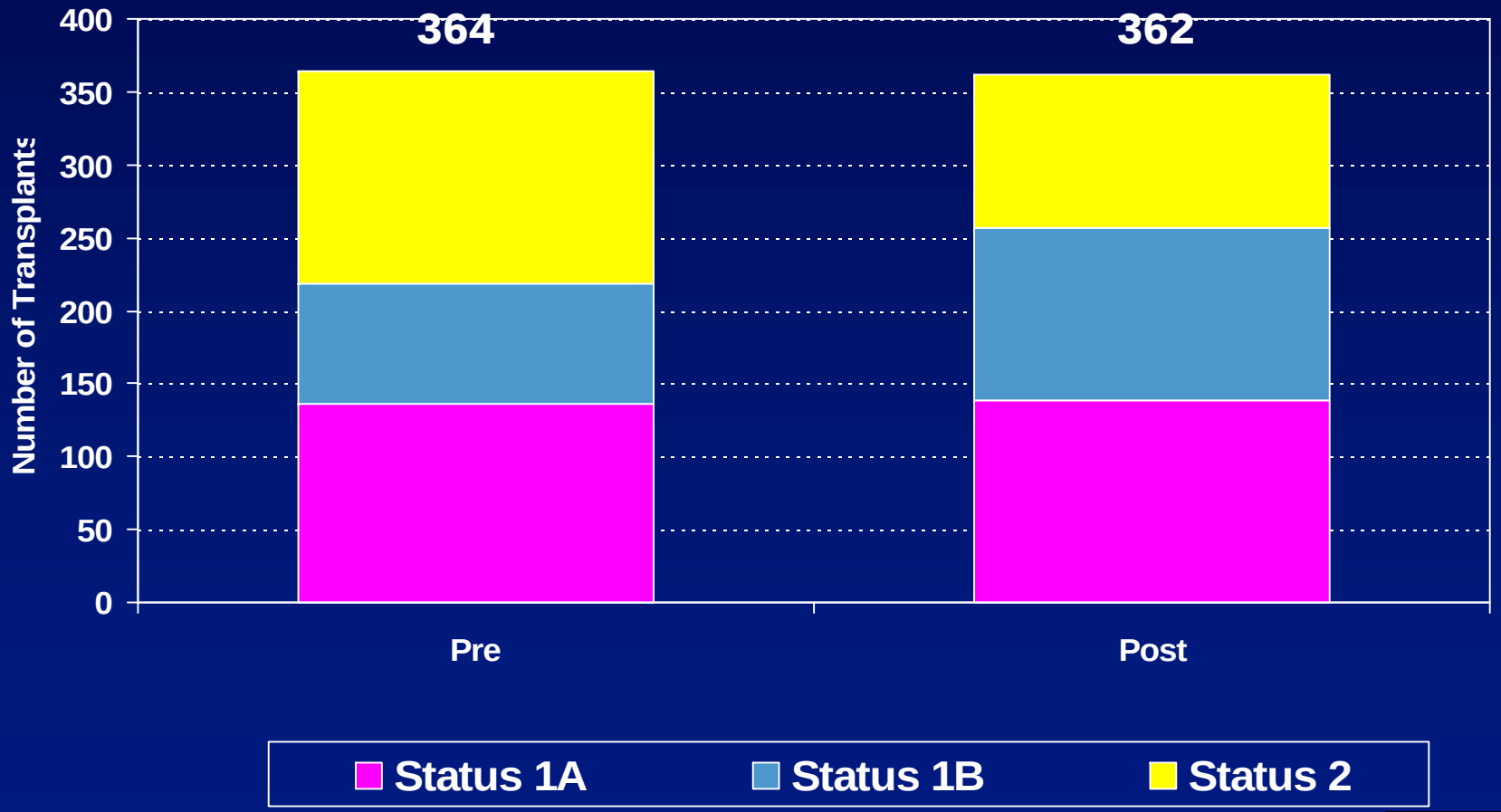


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 5

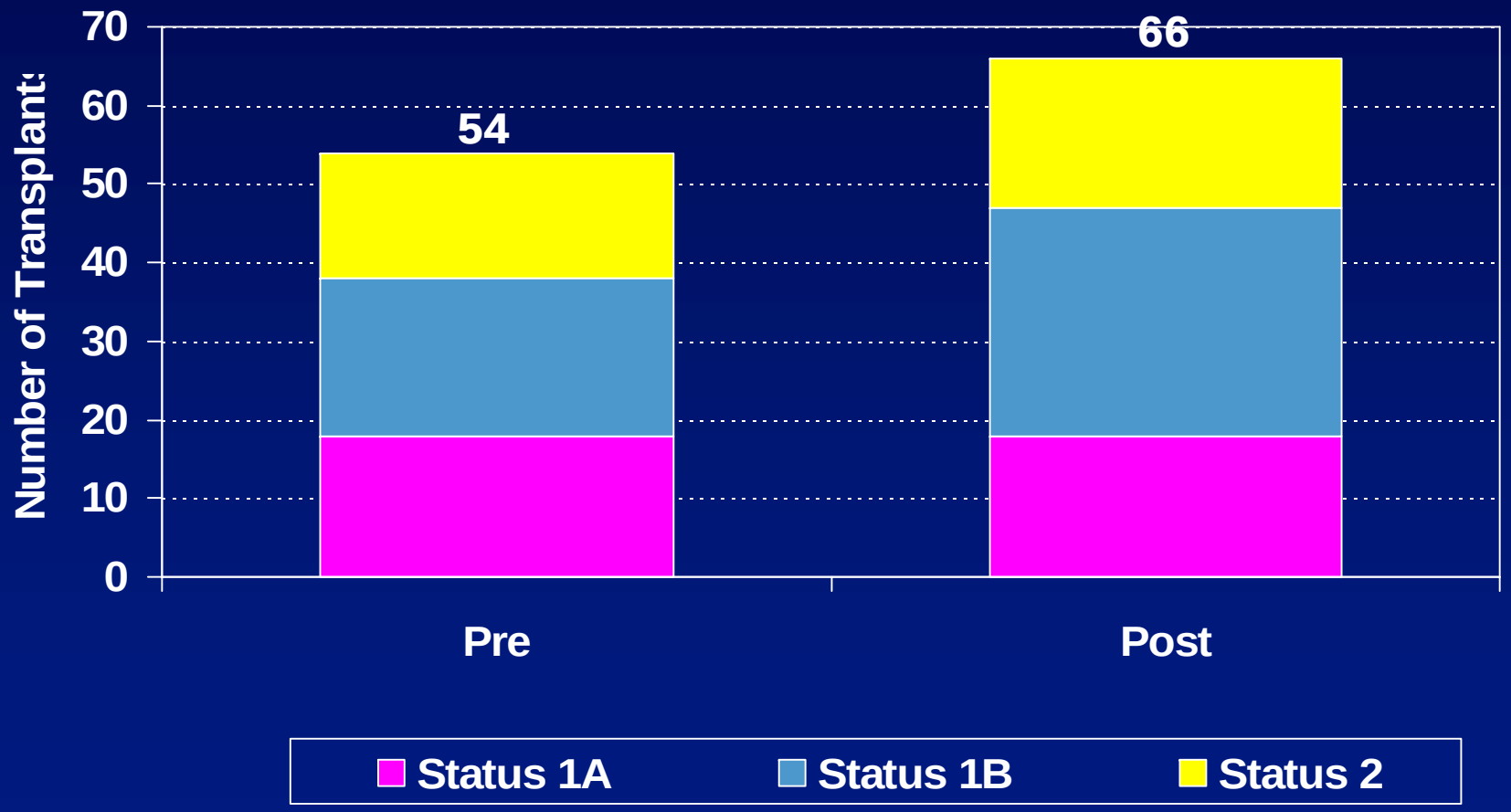


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 6

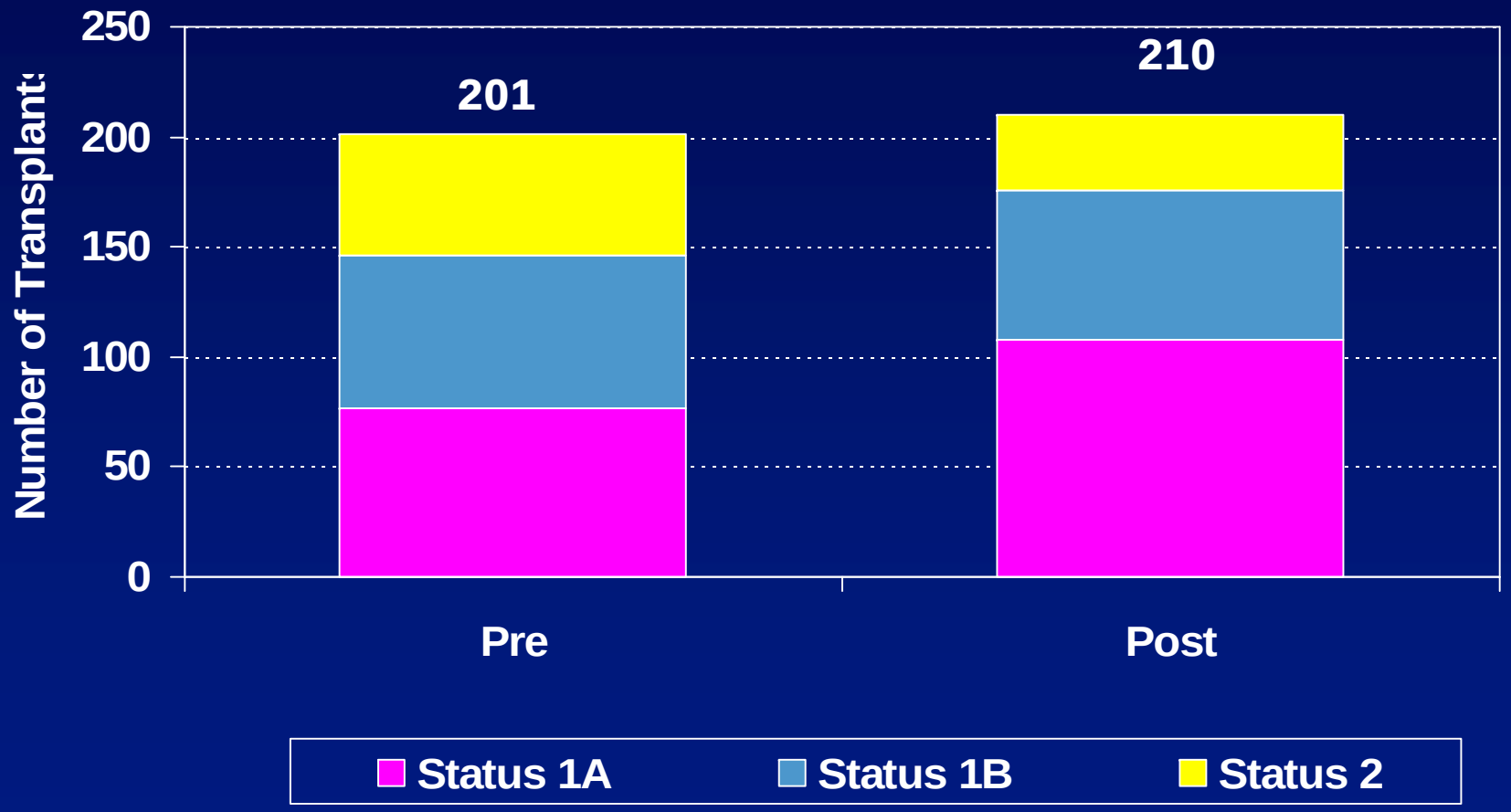


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 7

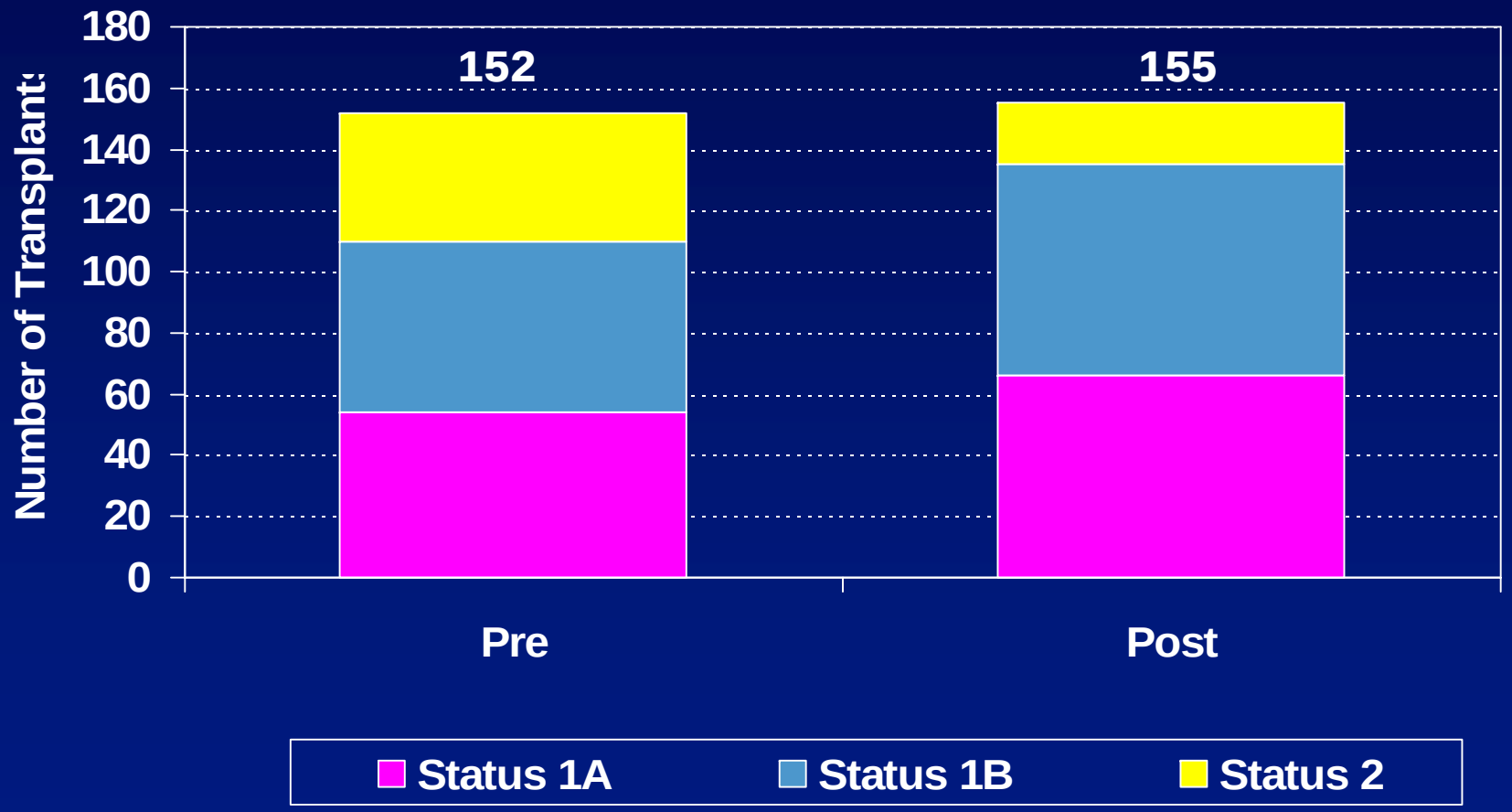


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 8

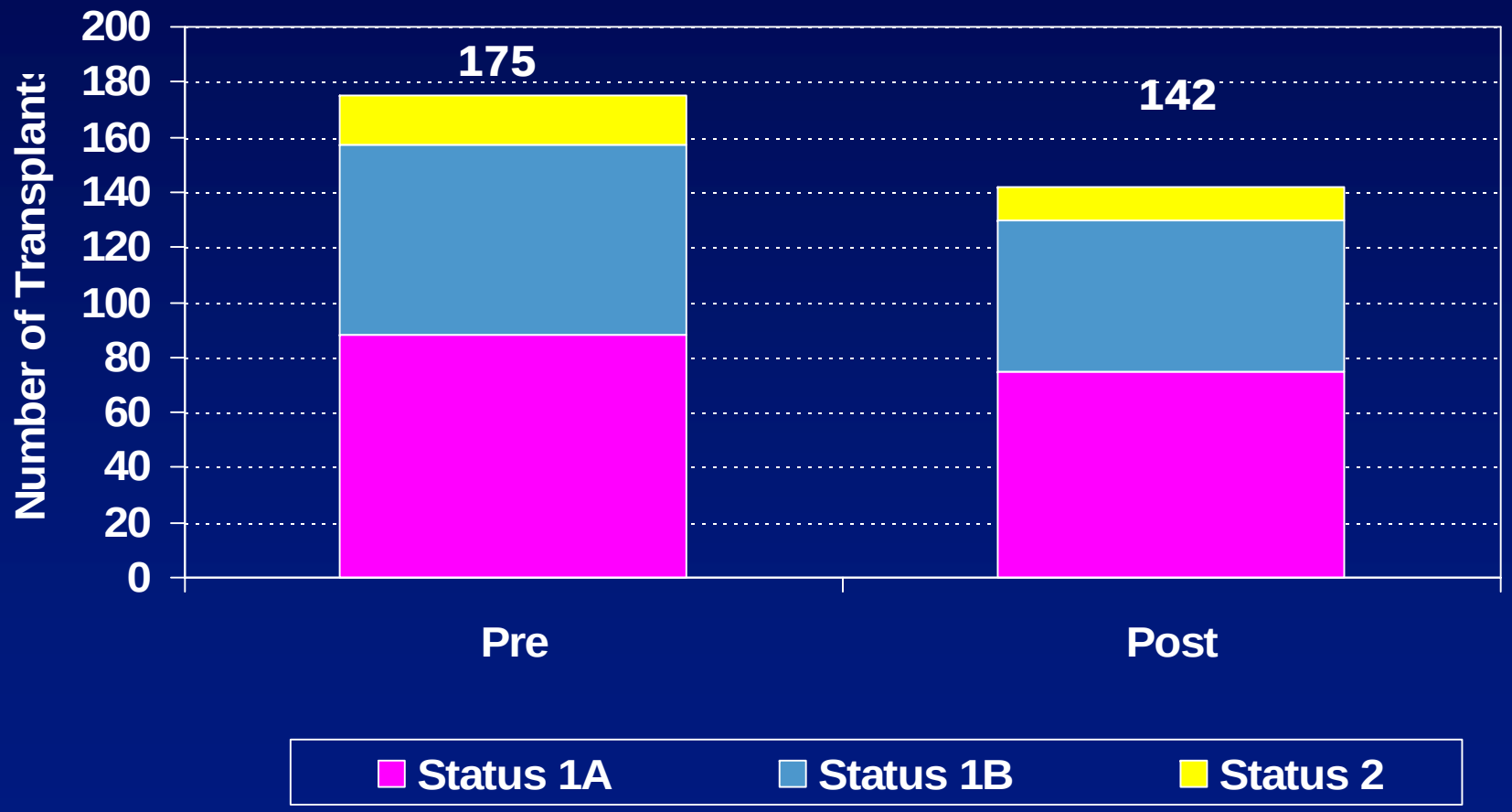


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 9

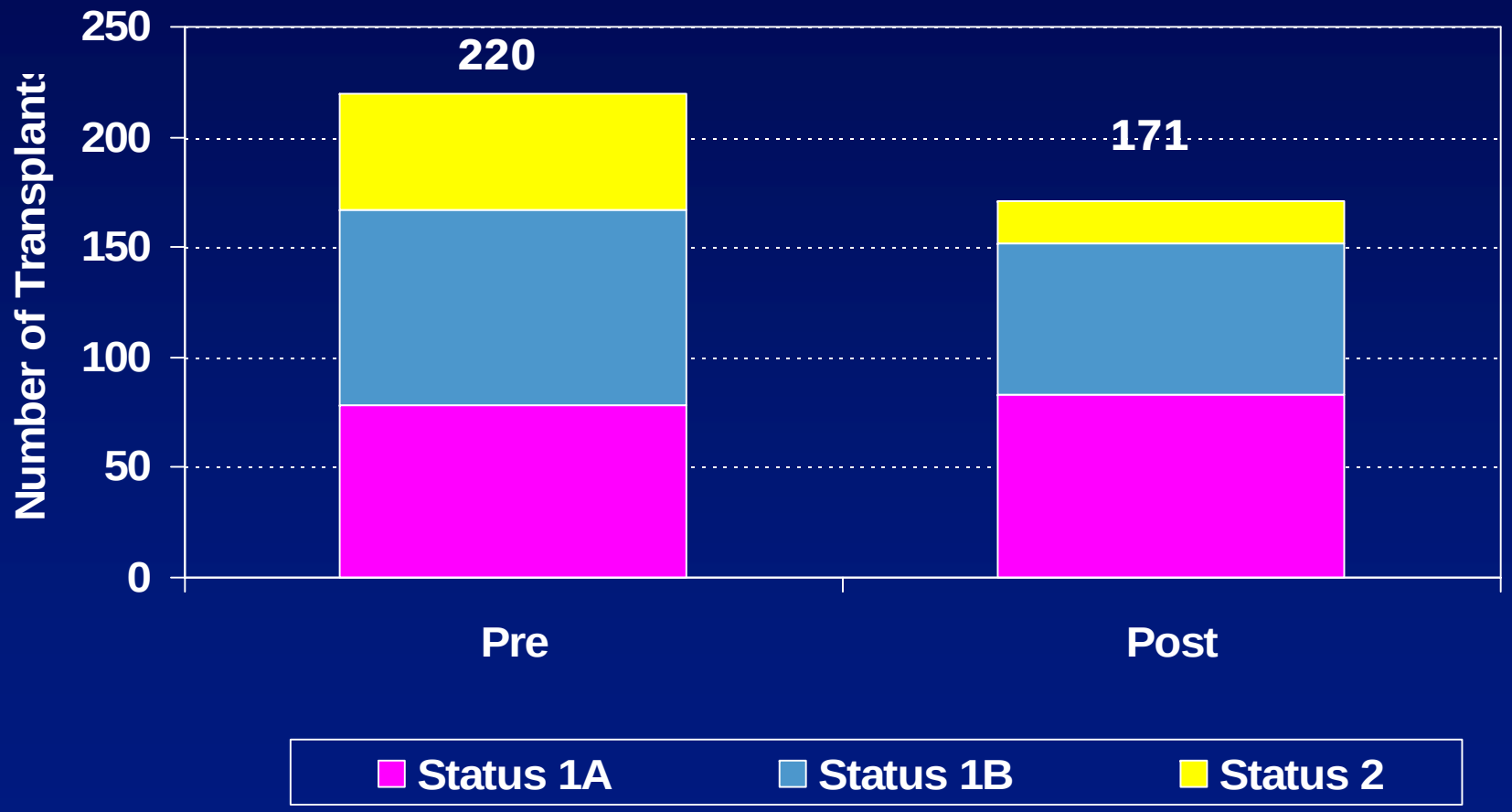


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 10

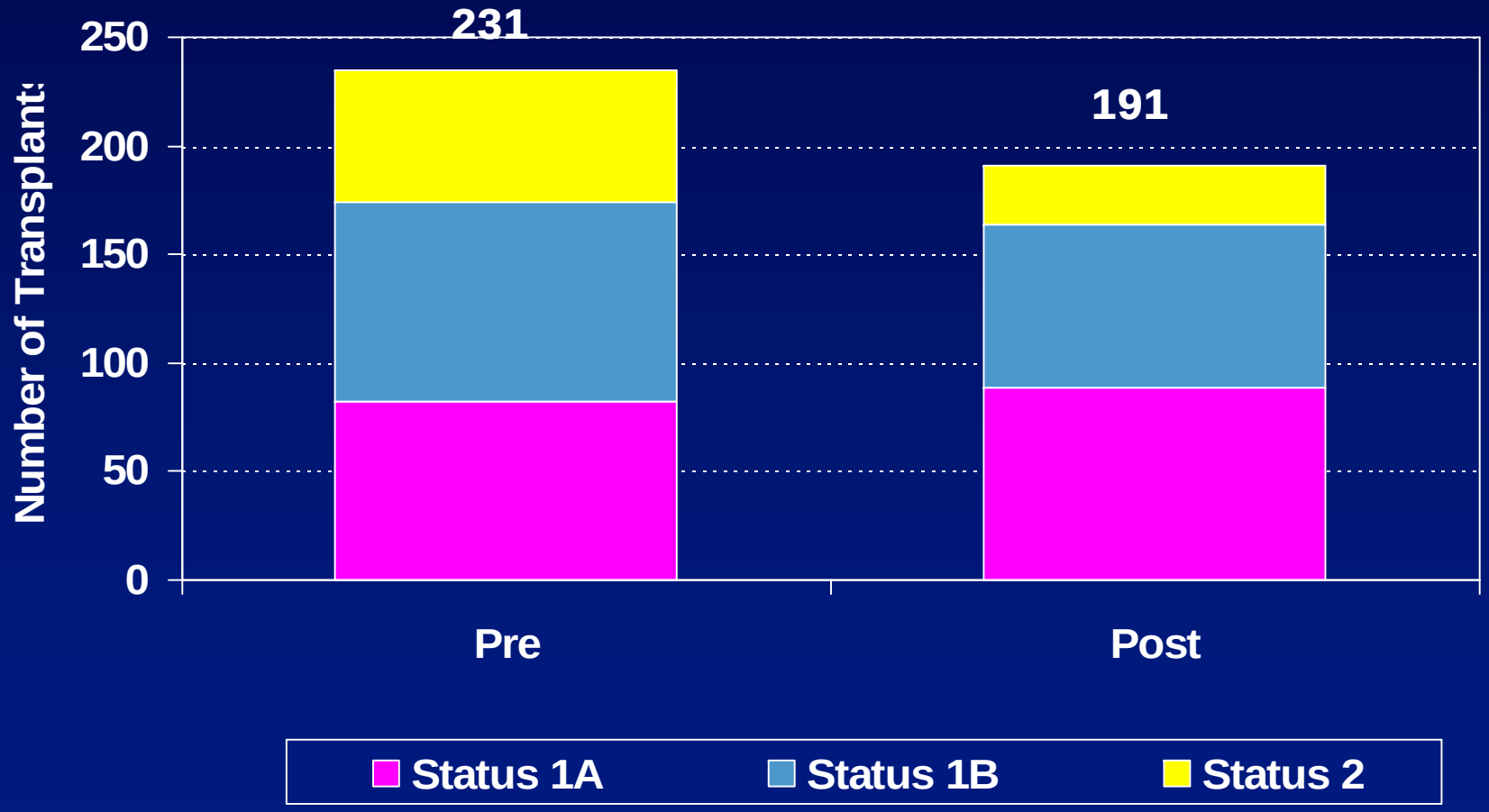


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status 7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007 Region 11

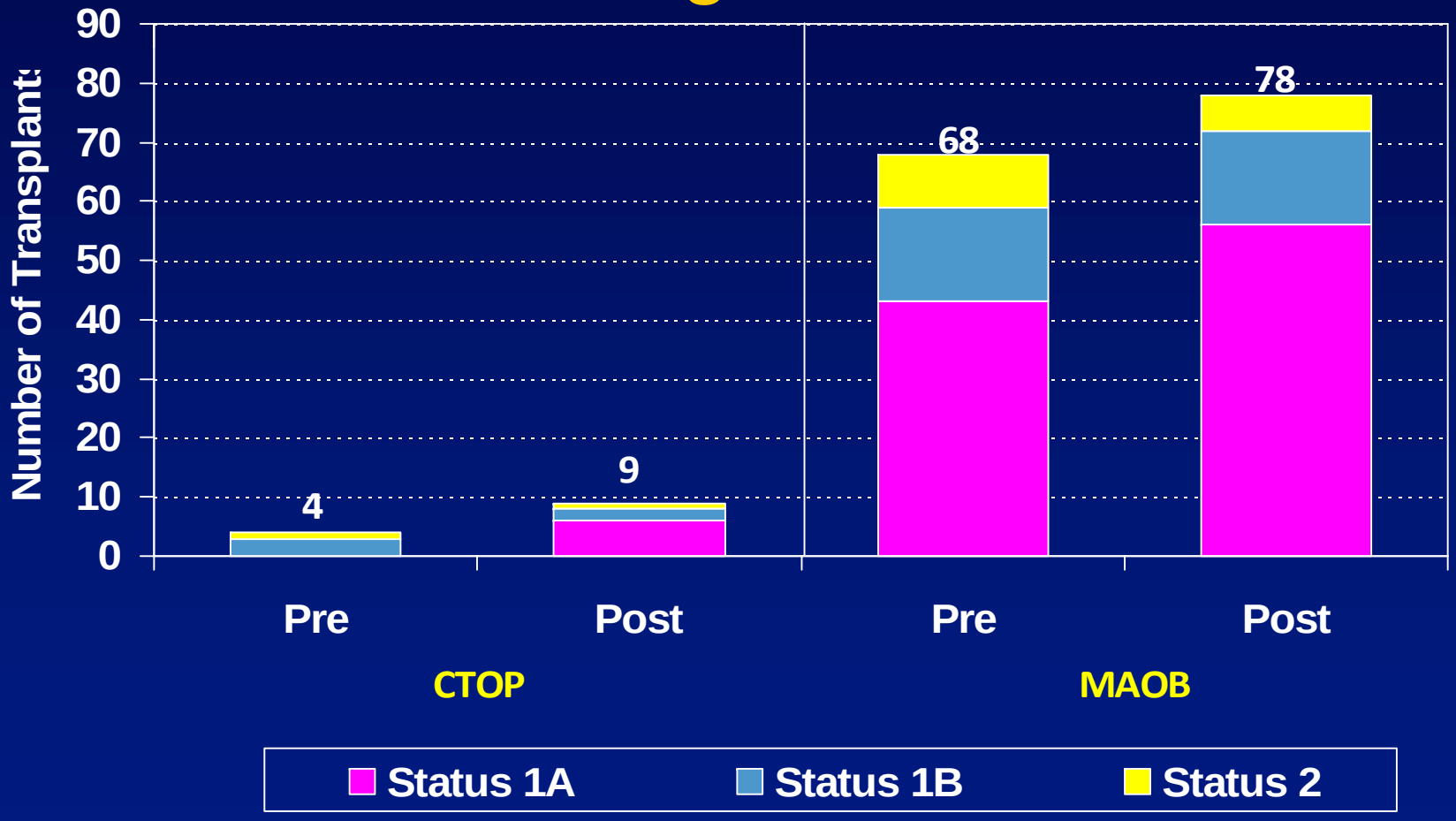


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 1

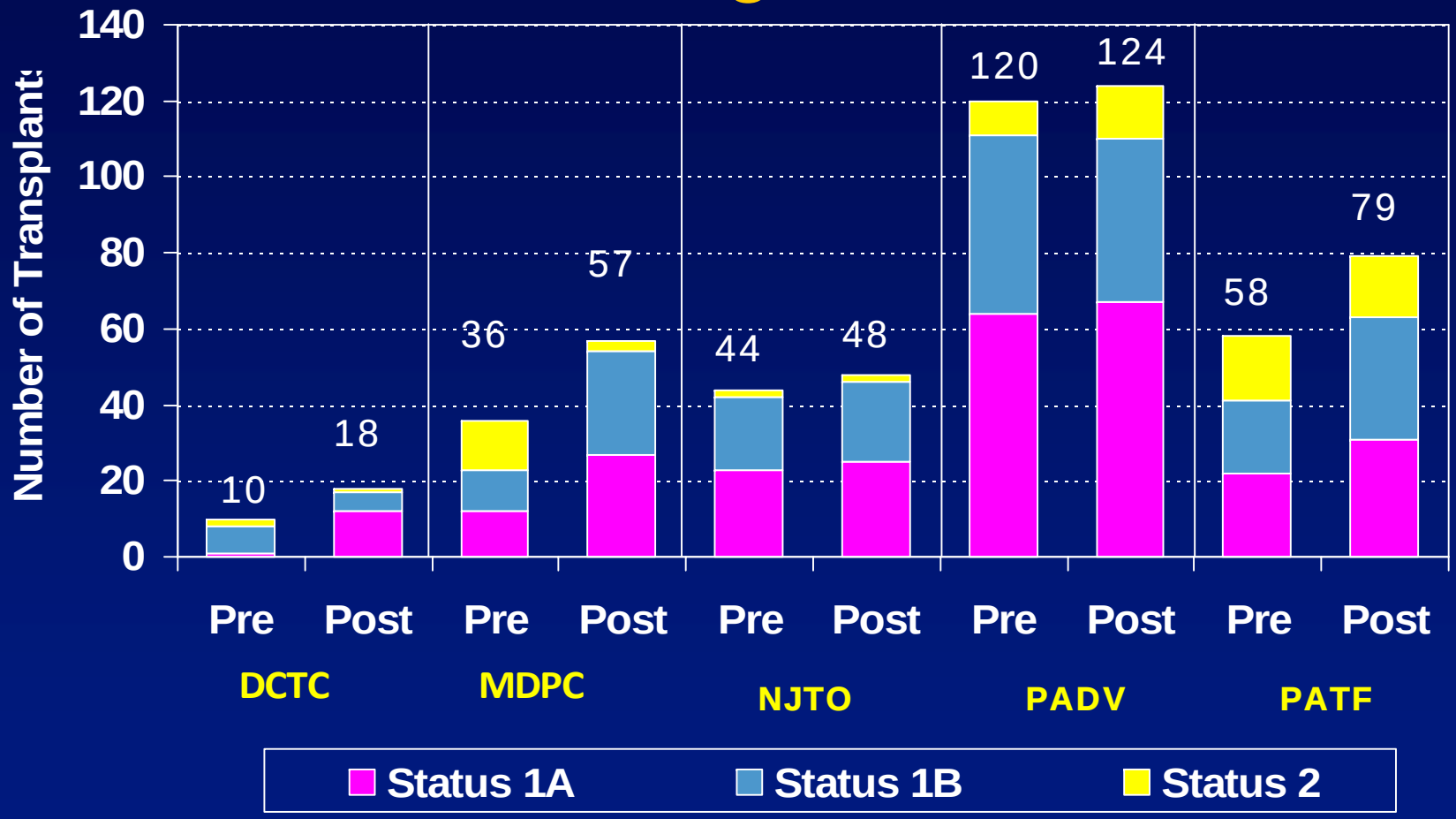


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 2

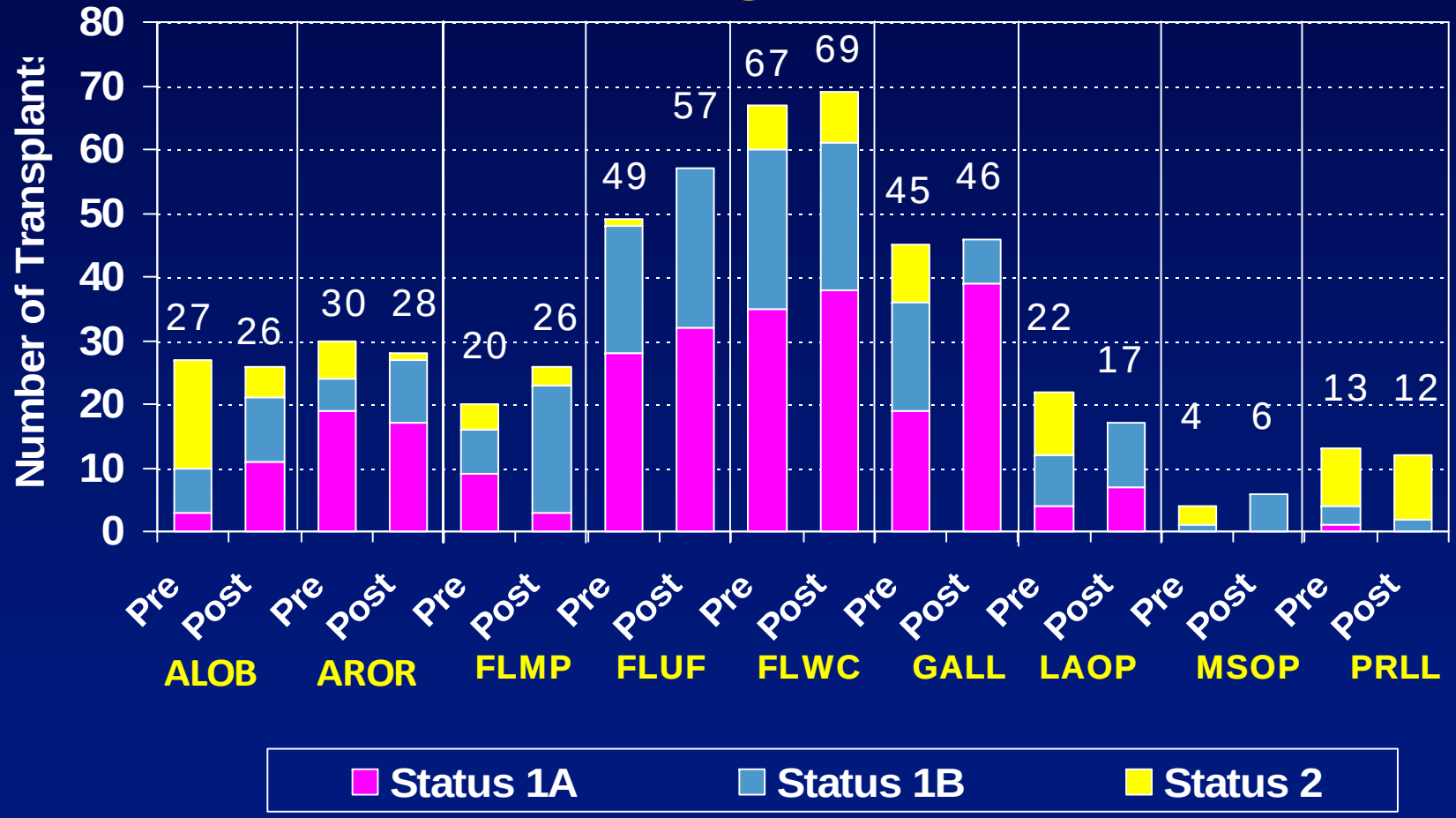


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 3

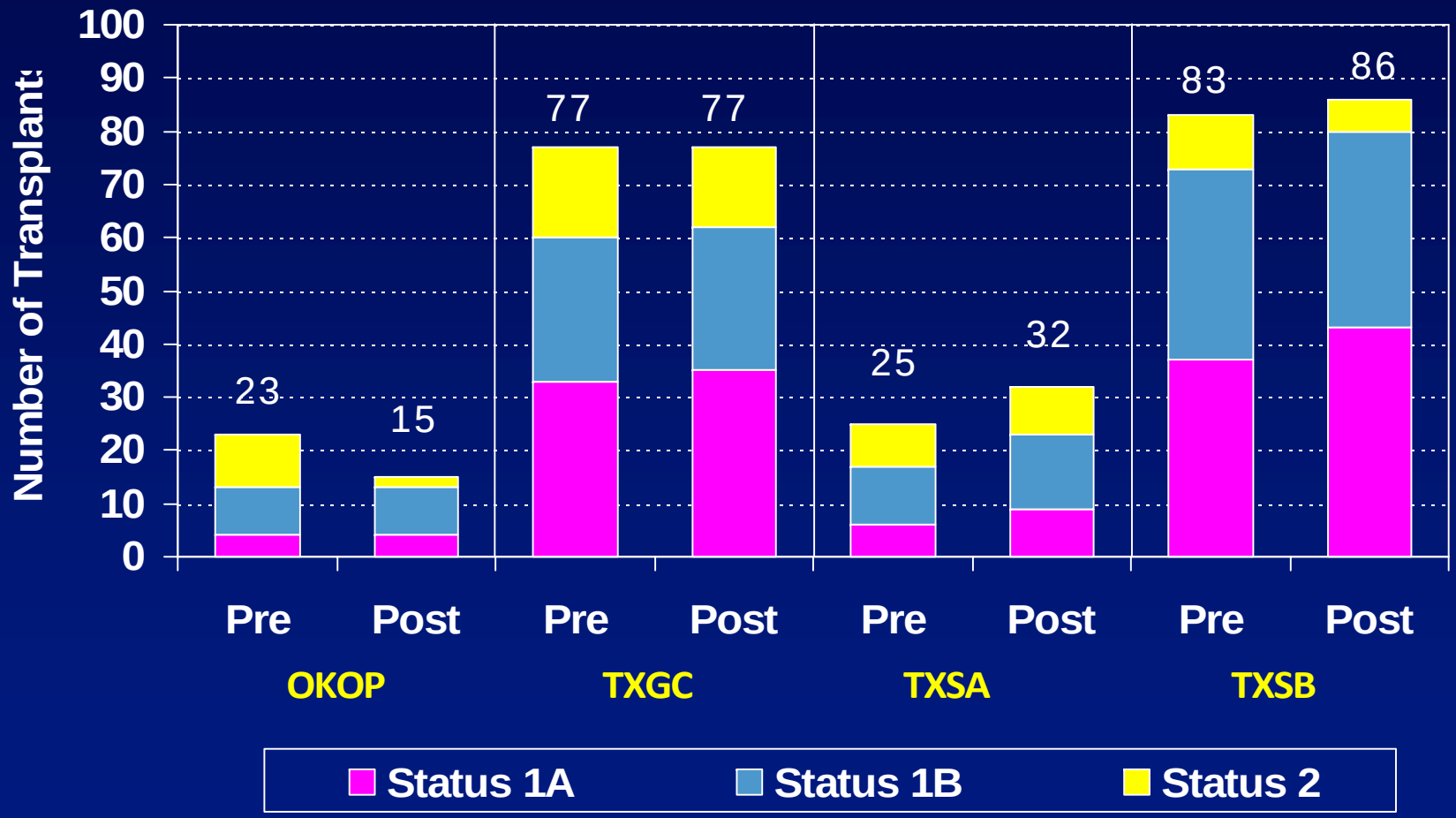


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 4

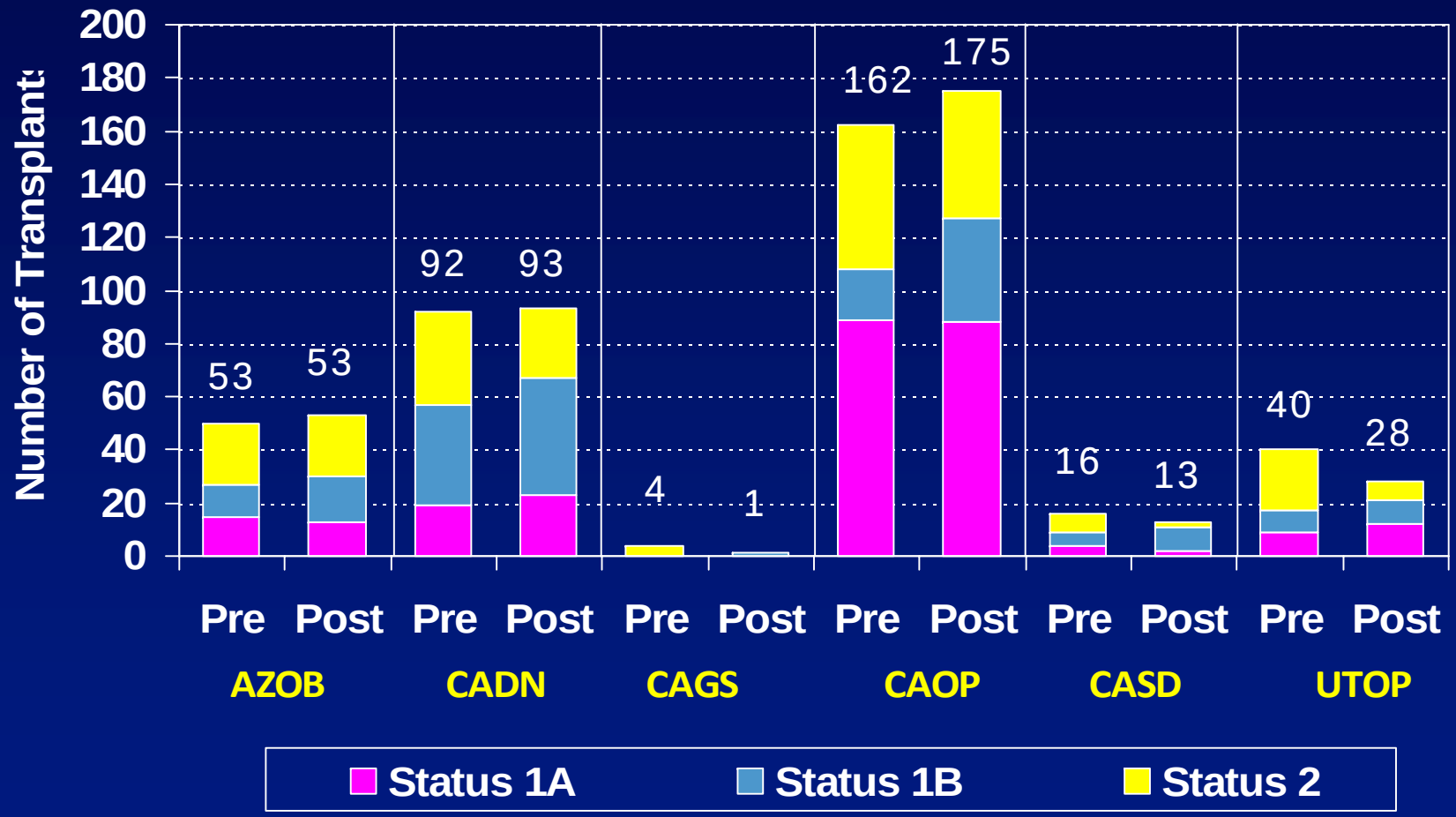


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 5

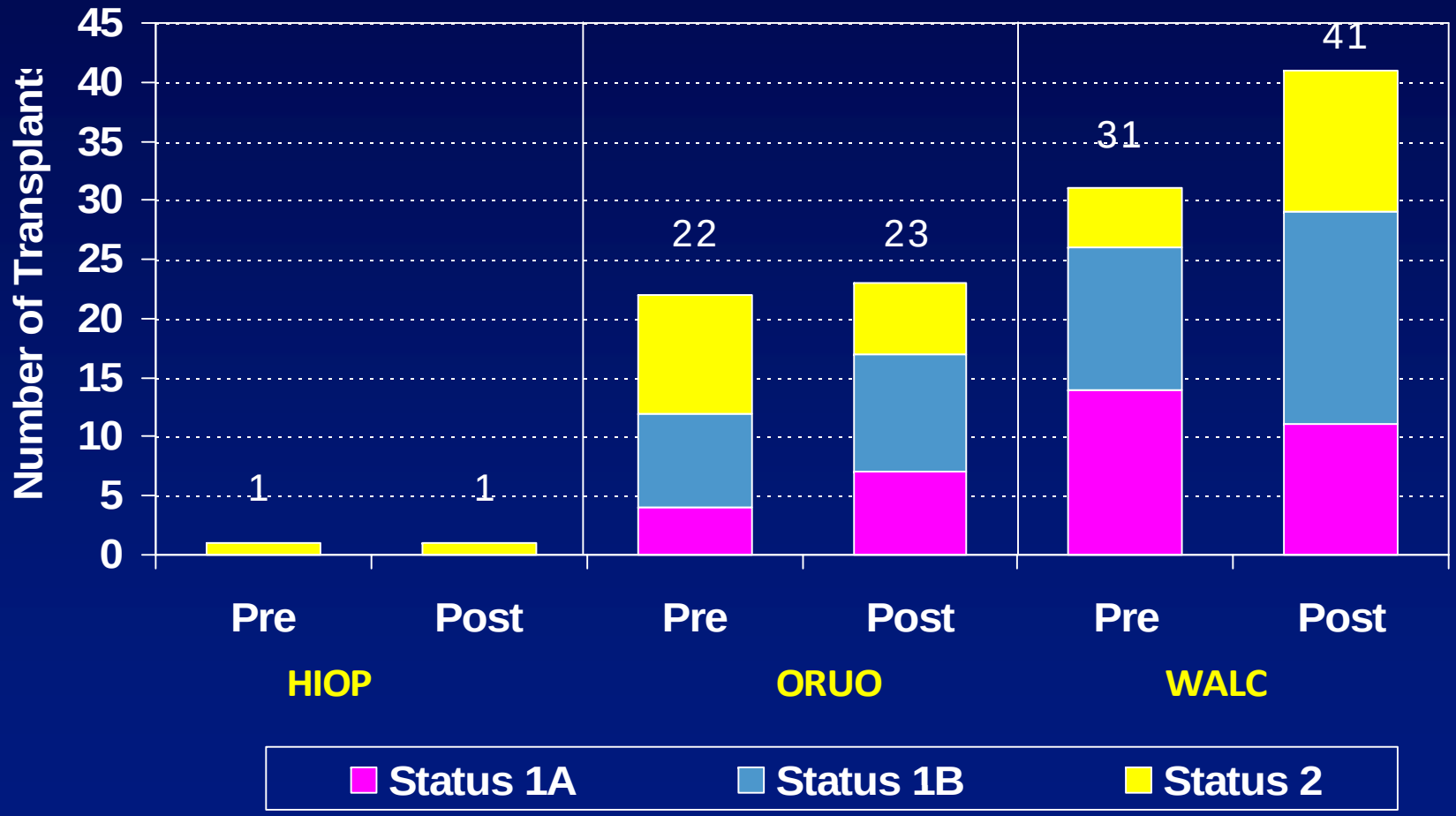


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 6

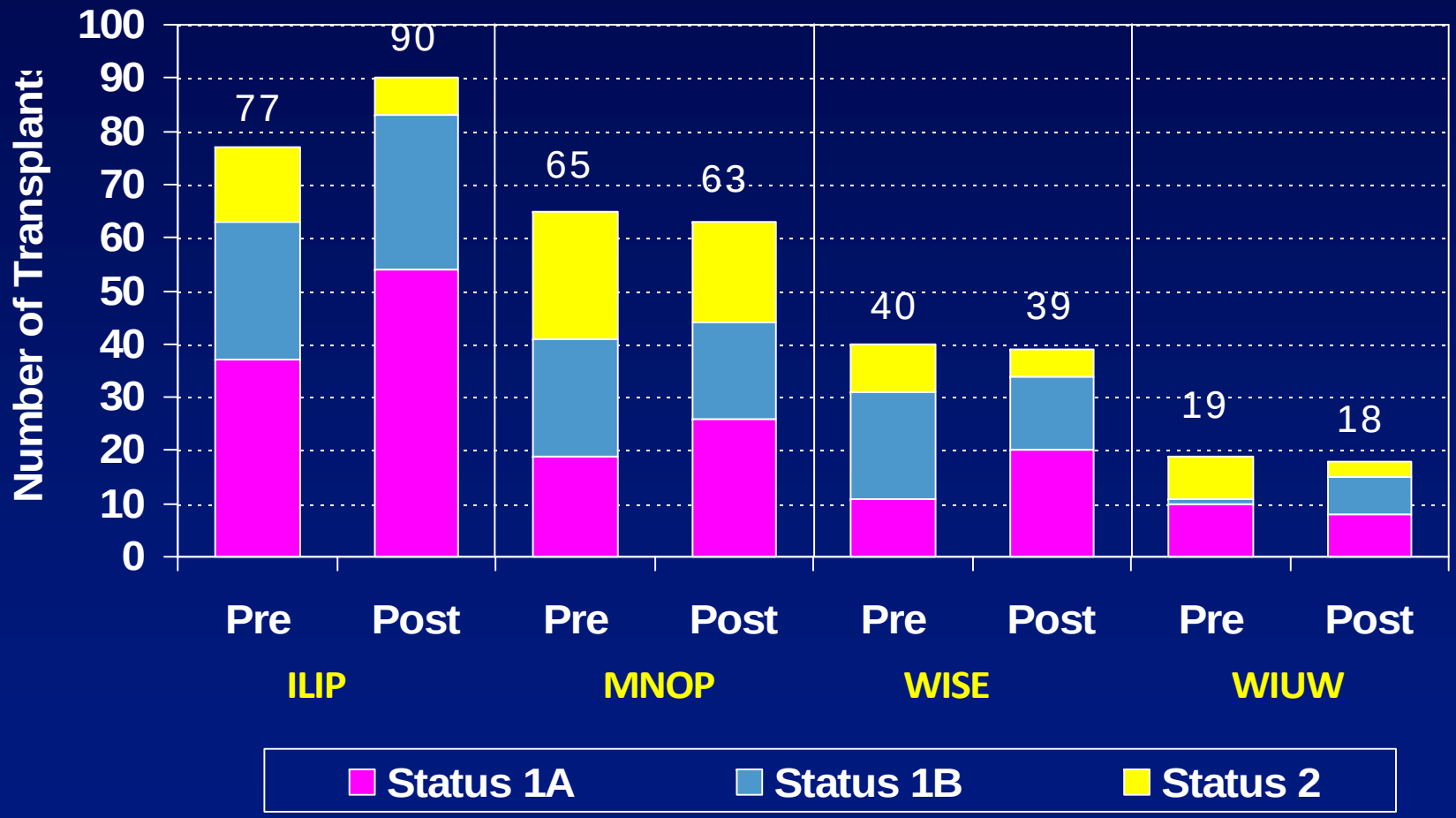


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 7

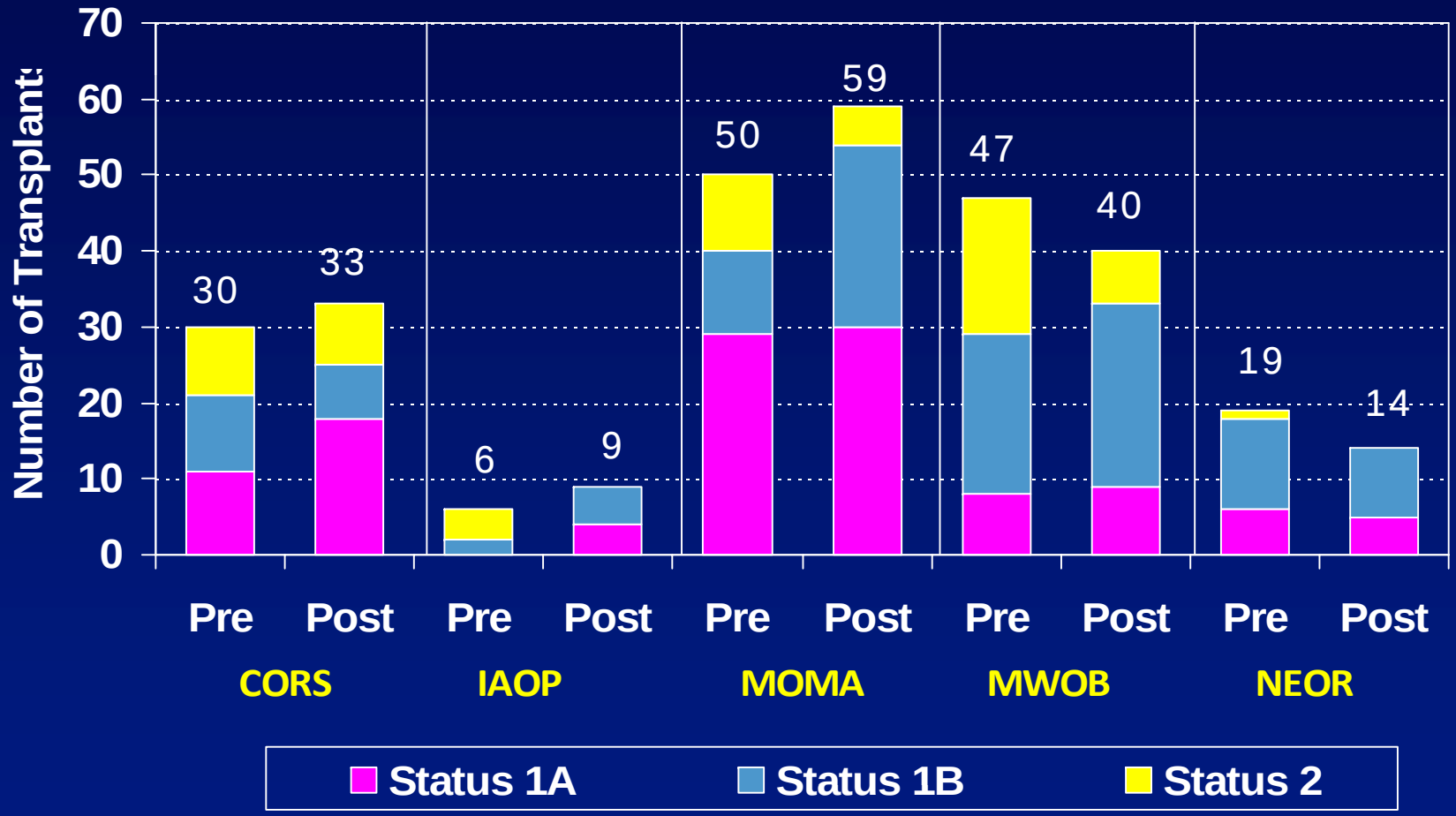


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 8

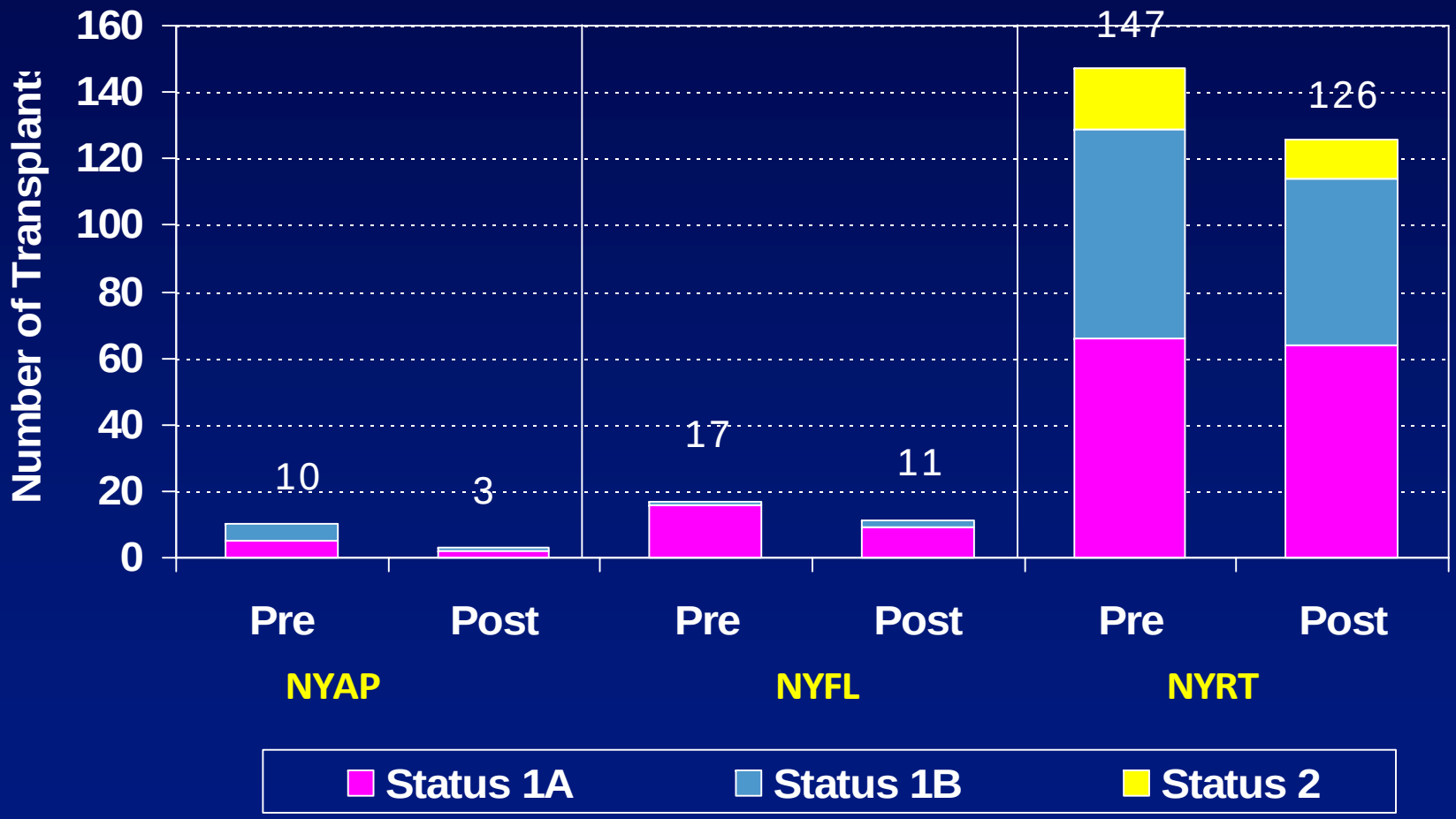


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 9

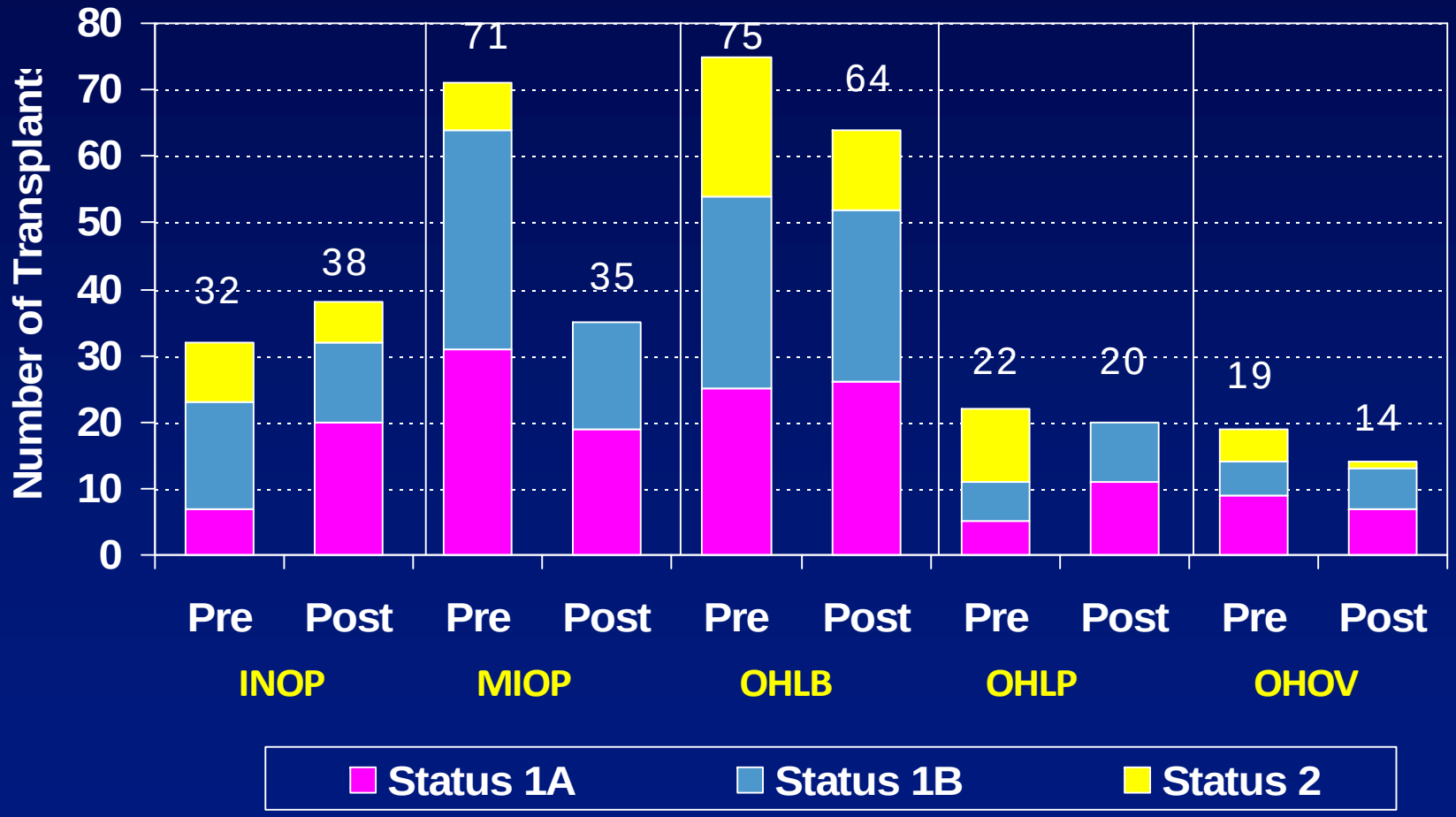


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 10

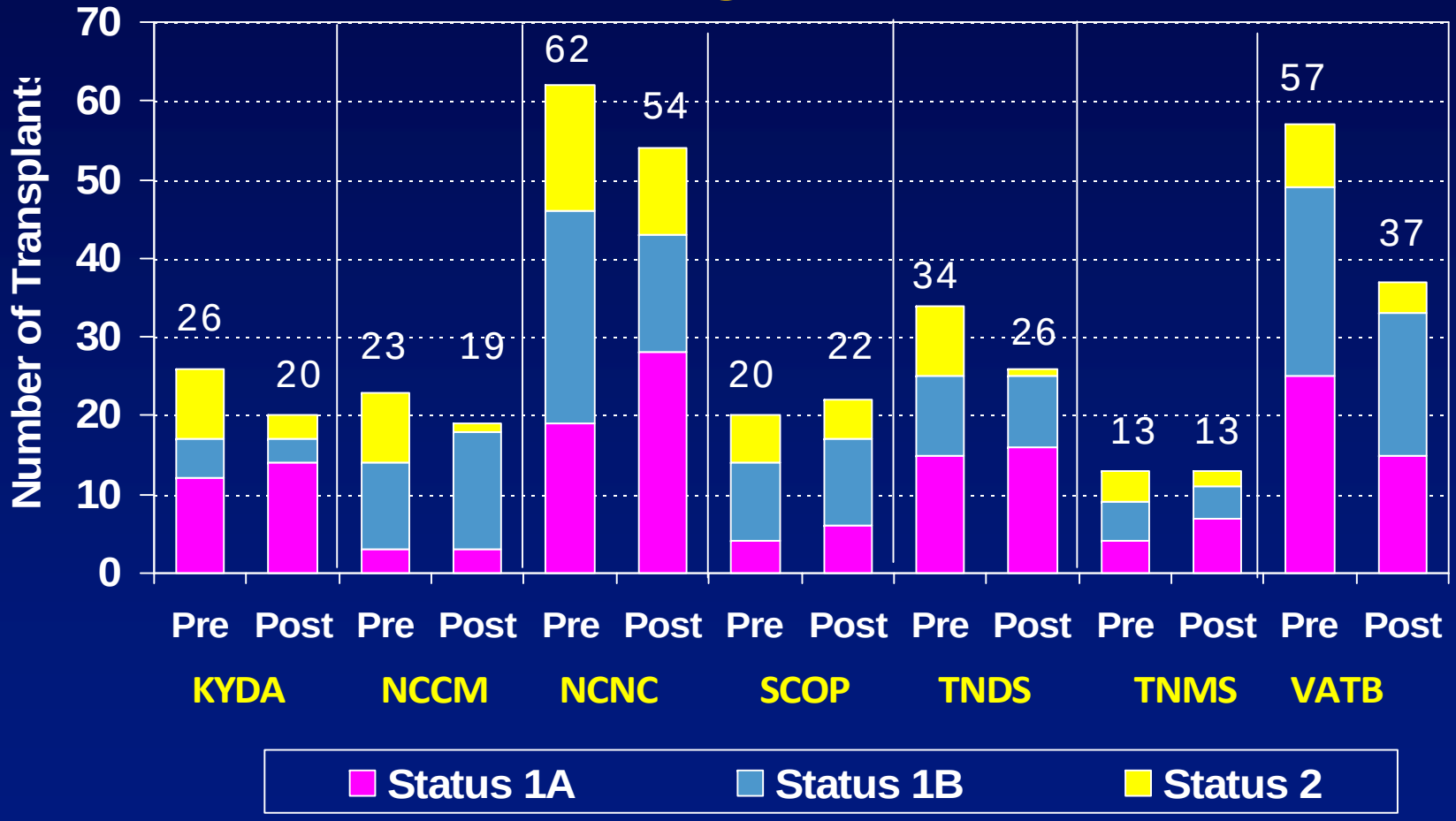


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Heart Transplants by Status
7/12/2005-7/11/2006 vs. 7/12/2006-7/11/2007
Region 11

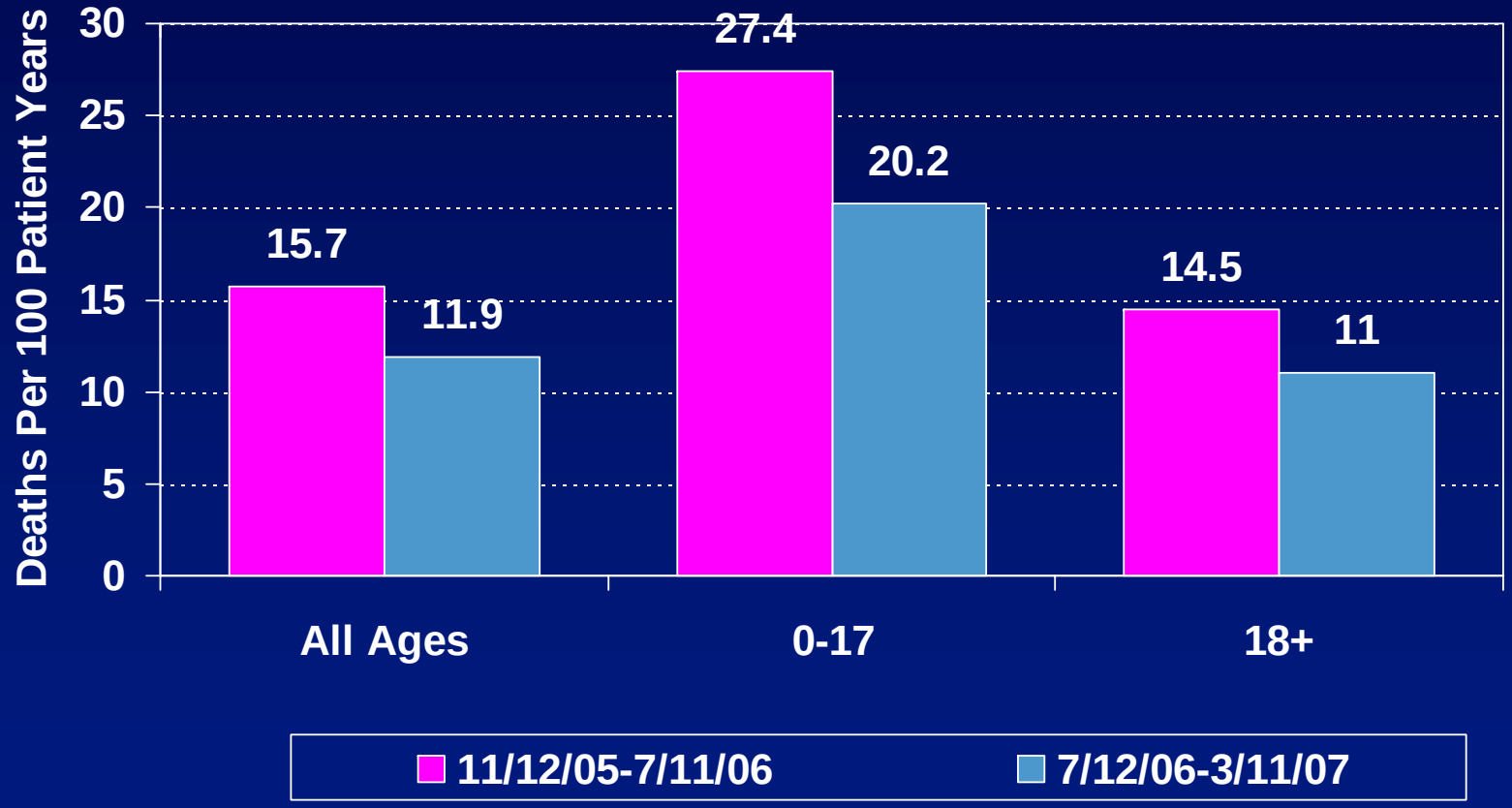


OPTN

Based on OPTN data as of September 21, 2007

UNOS DONATE LIFE

Preliminary Results for Death Per 100 Years on the Waiting List: All Statuses Combined 11/12/2005-7/11/2006 vs. 7/12/2006-3/11/2007



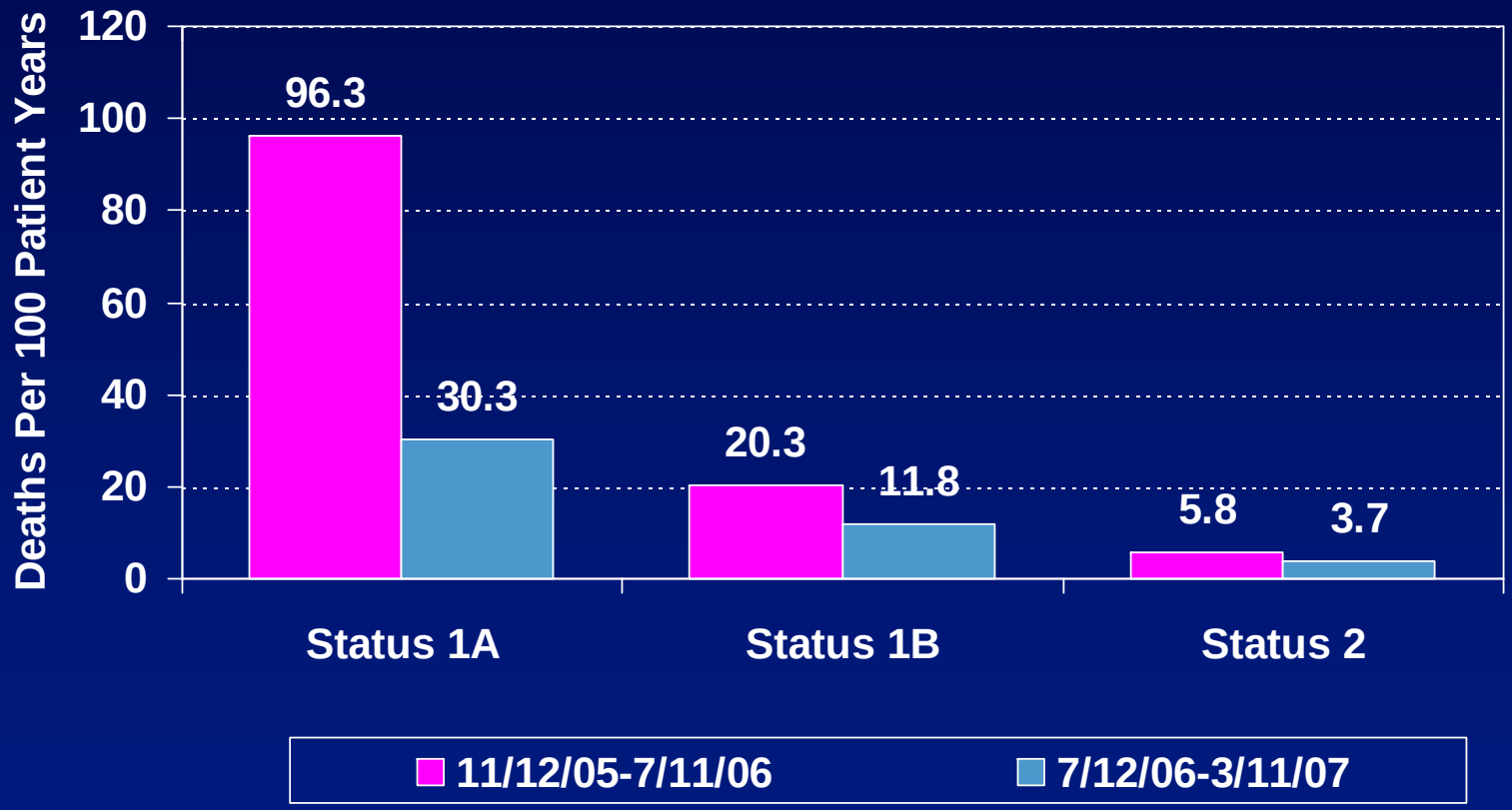
*** Deaths include those reported to the OPTN or to SSDMF while on waiting list or ≤ 7 days of non-transplant removal.**

Based on OPTN data as of July 6, 2007

OPTN

UNOS DONATE LIFE

Preliminary Results for Death Per 100 Years on the Waiting List: All Ages Combined 11/12/2005-7/11/2006 vs. 7/12/2006-3/11/2007



*** Deaths include those reported to the OPTN or to SSDMF while on waiting list or ≤ 7 days of non-transplant removal.**

OPTN

Based on OPTN data as of July 6, 2007

UNOS DONATE LIFE

Summary

- Small decline in size of total waiting list candidates
- No change in the number of heart transplants comparing pre- and post-policy periods
- Substantial change in distribution of transplants by location and status
  - More Status 1A and Status 1B transplants and fewer Status 2 transplants
  - Fewer local transplants and more Zone A transplants
- Preliminary data suggest a decrease in waiting list mortality rates
- Thoracic Committee and Heart Allocation Task Force monitoring impact of policy changes.

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UNOS DONATE LIFE

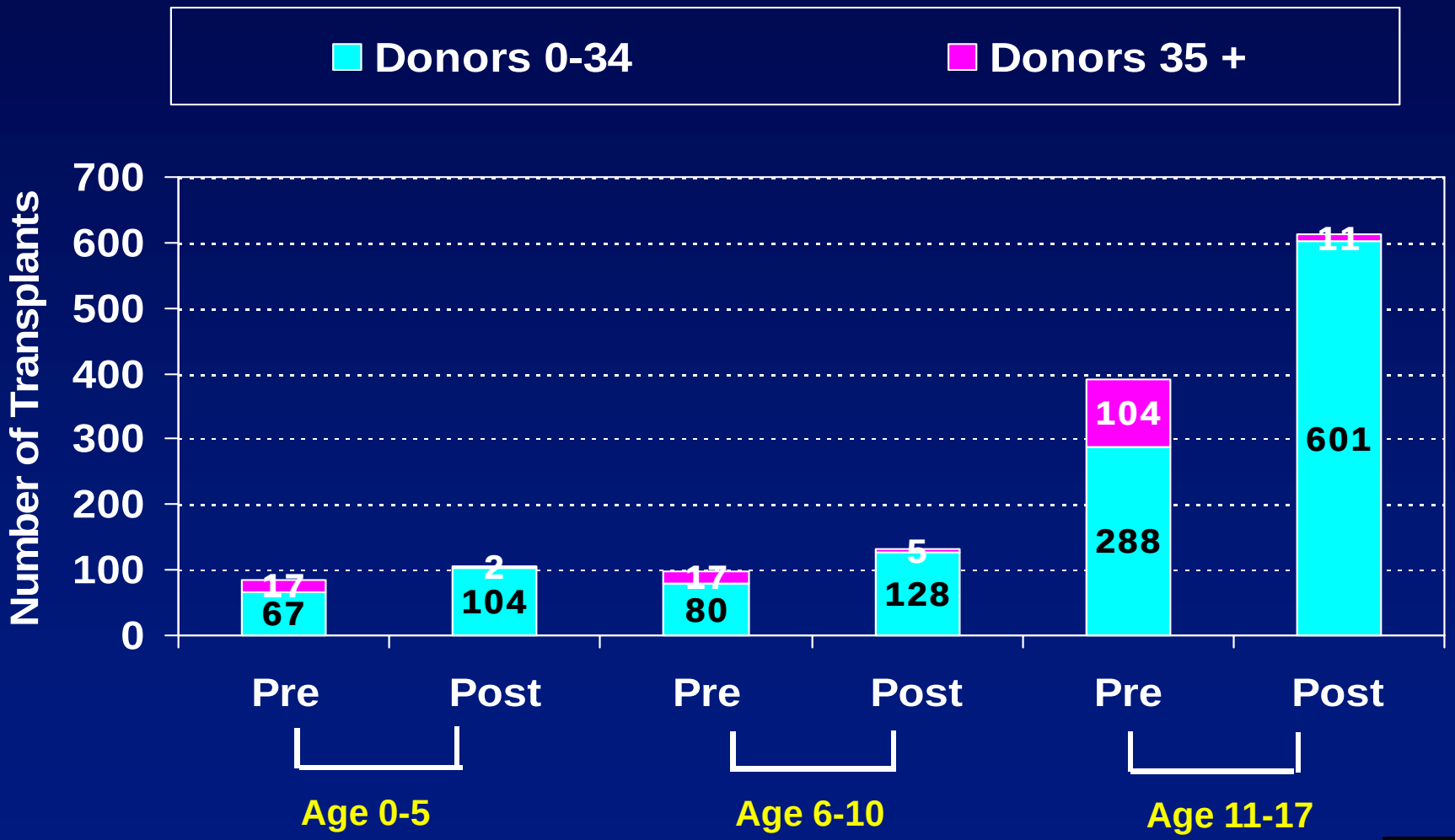
Modifications to Kidney Allocation Policy – Pediatric Priority for Donors < 35 years

- Implemented on September 28, 2005
- Priority for allocation of kidneys from donors less than 35 years to pediatric candidates listed prior to age 18 locally, regionally, then nationally.

Background

- Goal to get “good” kidneys to children quickly with minimal impact on adult candidates
- This presentation will review results of the first 18 months following policy implementation

Deceased Donor Kidney Transplants By Donor Age and Recipient Age 3/28/04 – 9/27/05 vs. 9/28/05 – 3/27/07



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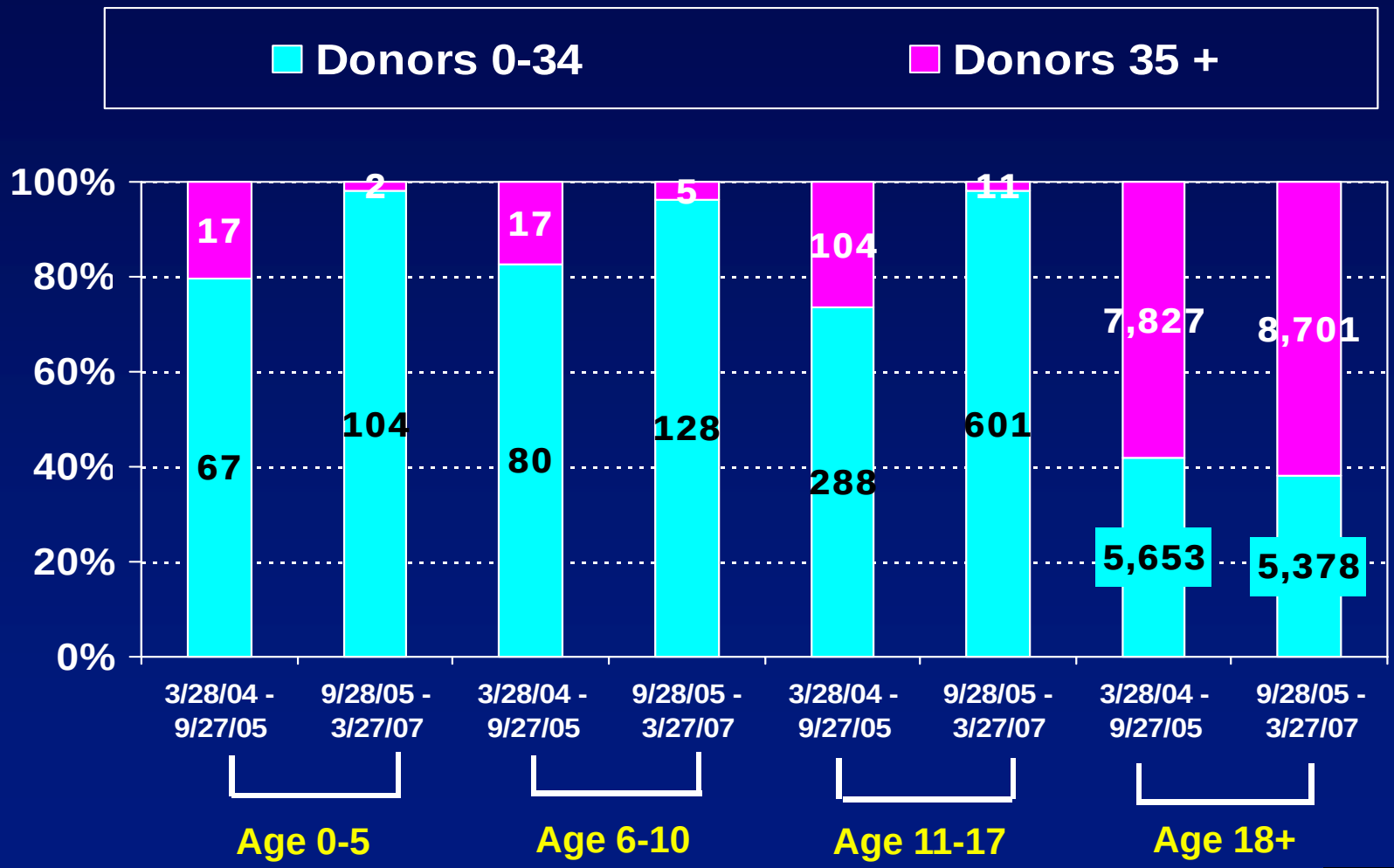
UNOS DONATE LIFE

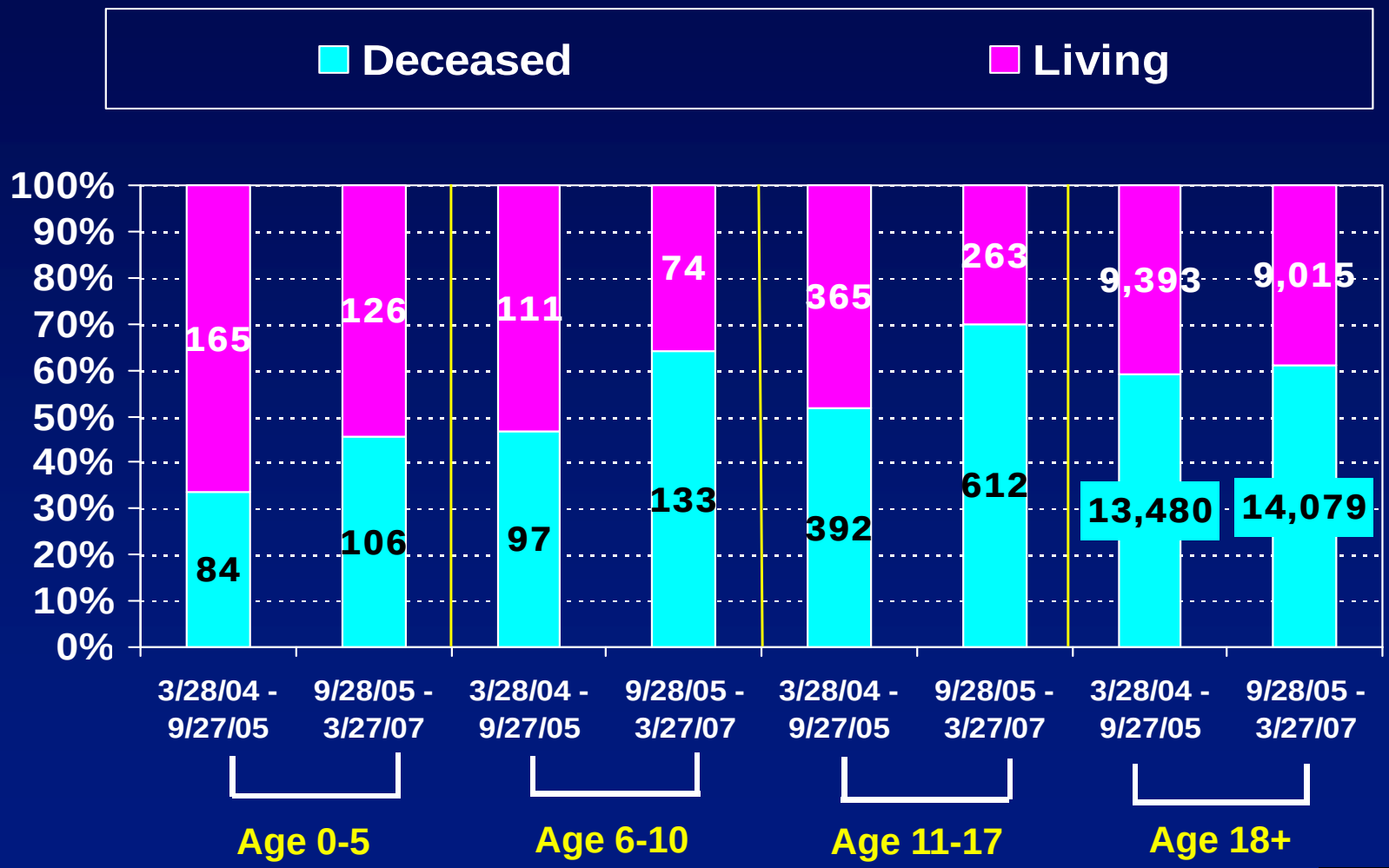
Deceased Donor Kidney Transplants, 3/28/04 – 3/27/07
By Time Period, Donor Age and Recipient Age



OPTN

UNOS DONATE LIFE

Kidney Transplants, 3/28/04 – 3/27/07
By Period, Donor Type and Recipient Age



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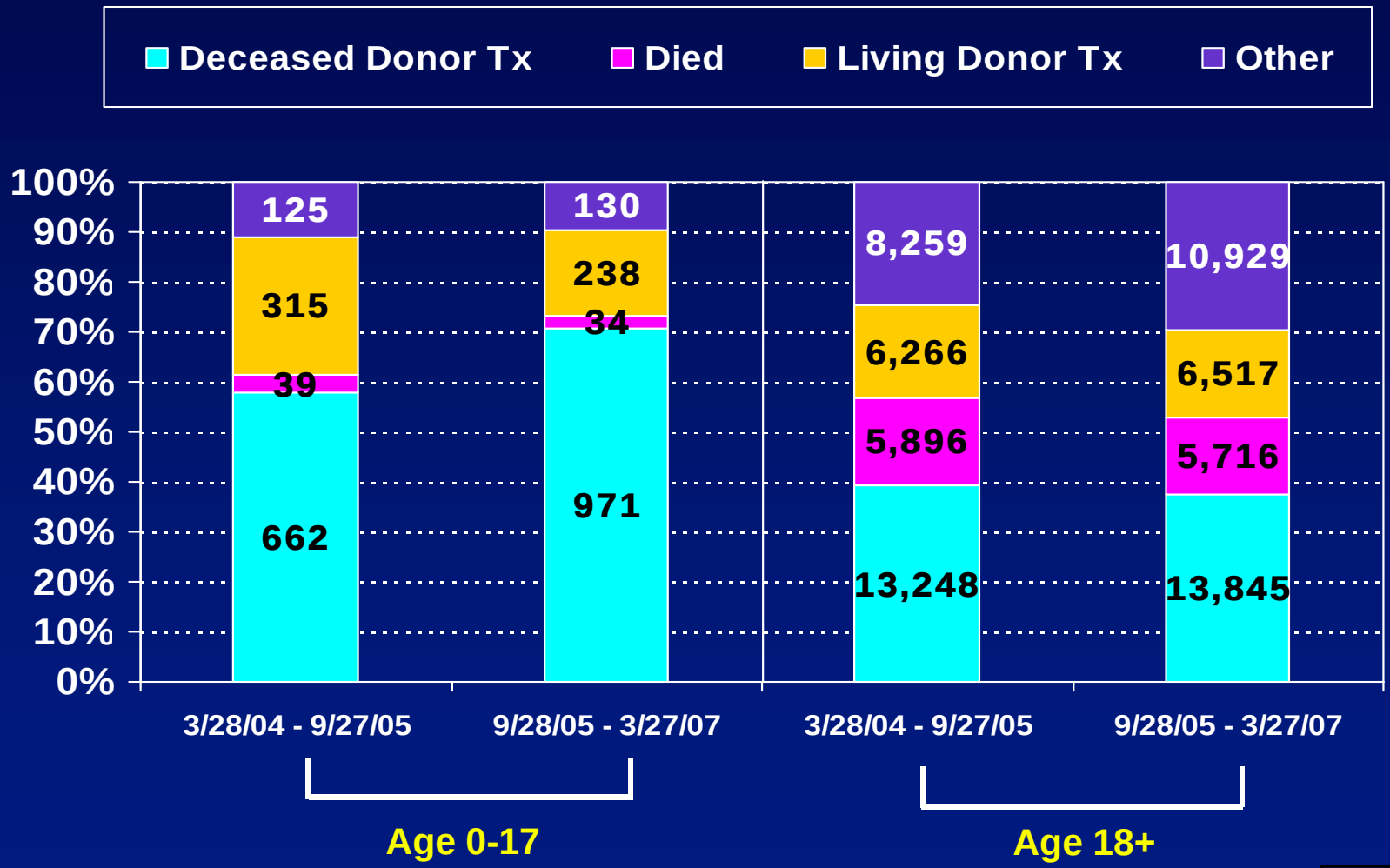
UNOS DONATE LIFE

Waiting List Removals during 3/28/04 – 3/27/06 By Time Period and Age at Listing



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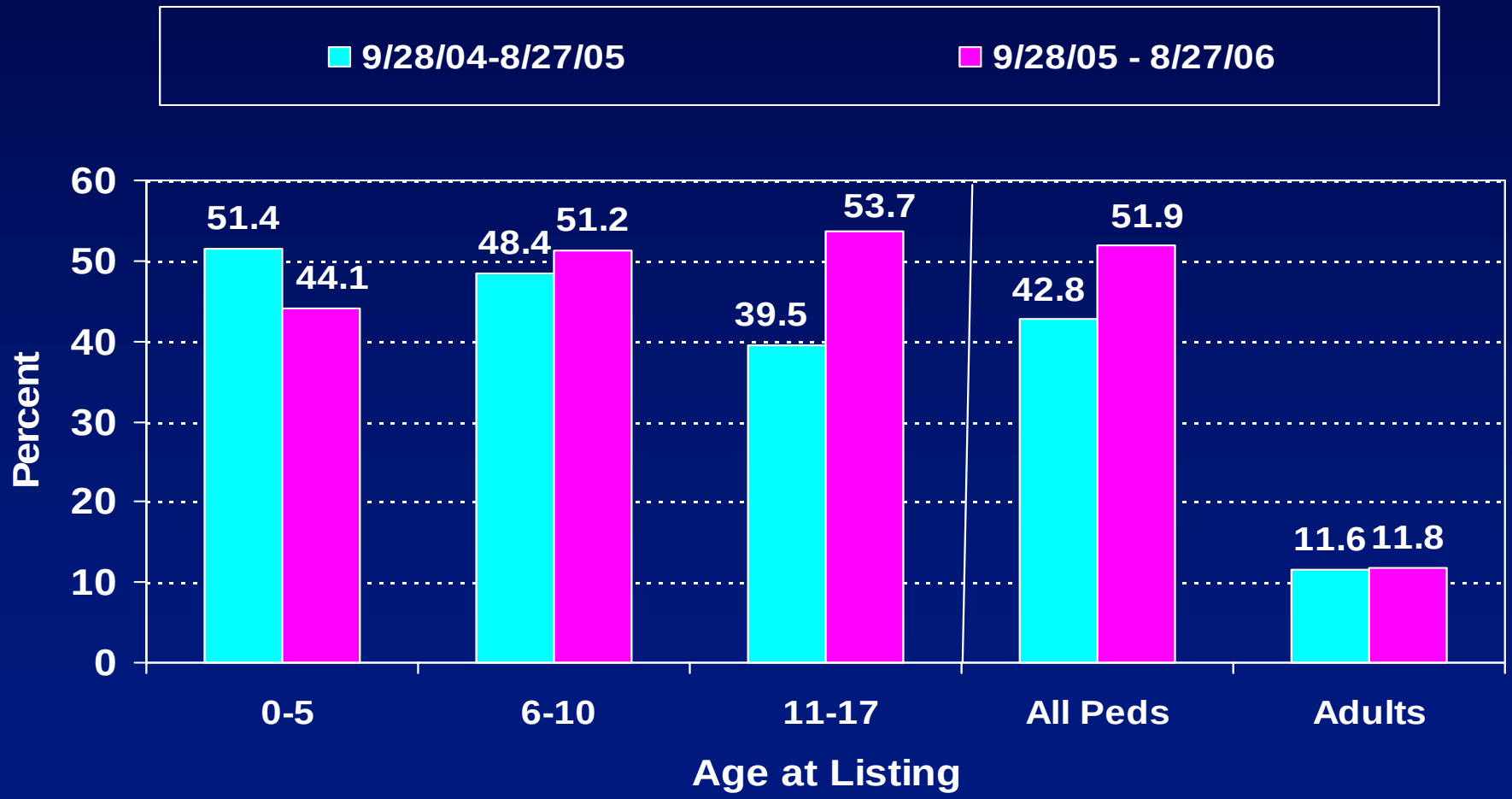
Percent Transplanted Within 12 Months WL Additions during 9/28/04 – 8/27/06 By Policy Period and Age at Listing



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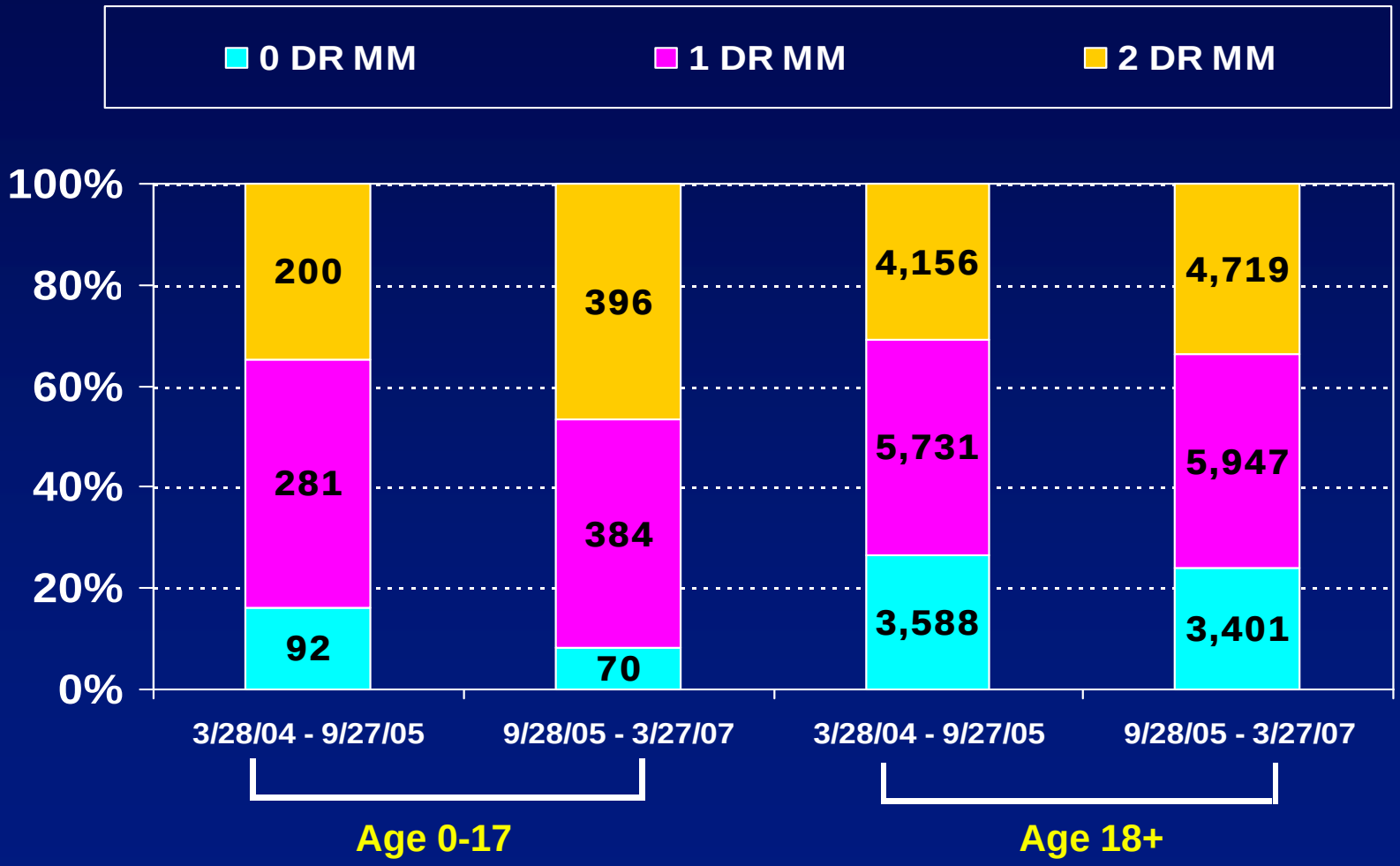
UNOS DONATE LIFE

Kidney Transplants, 3/28/04 – 3/27/07
By Period, DR HLA MM Level and Recipient Age



OPTN

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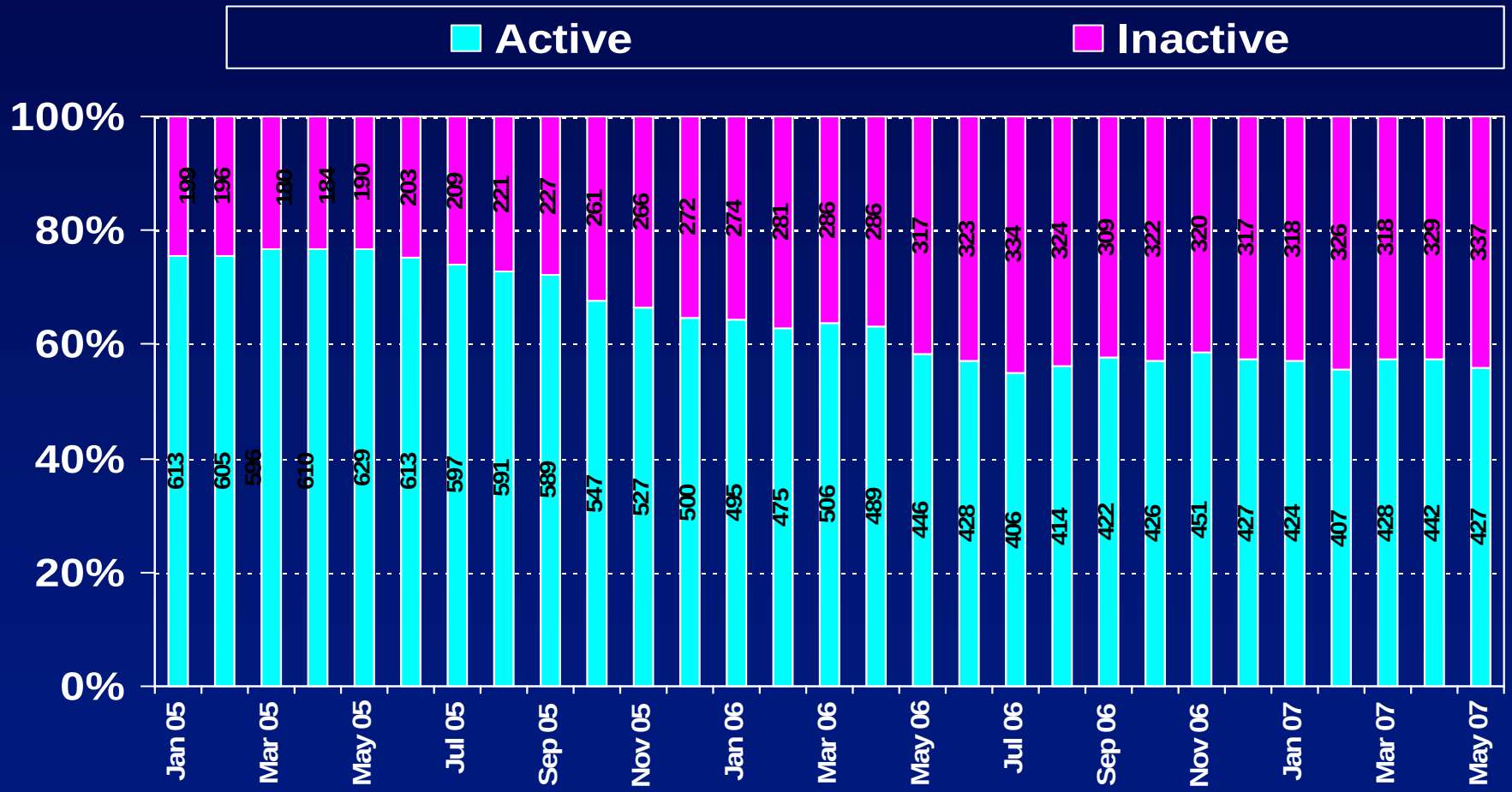
Pediatric Kidney Waiting List Candidates at Month End for Jan 2005 – May 2007



OPTN

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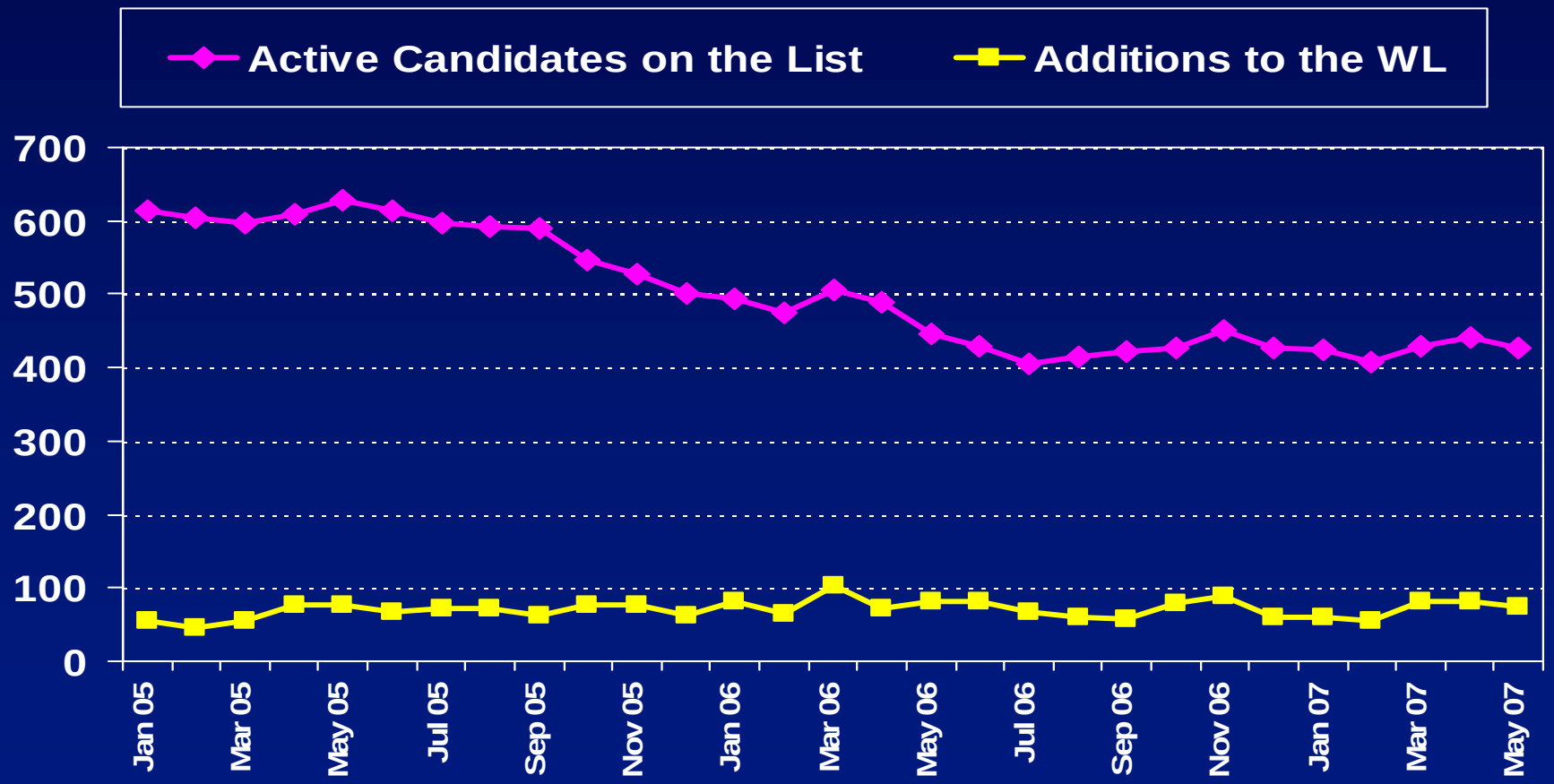
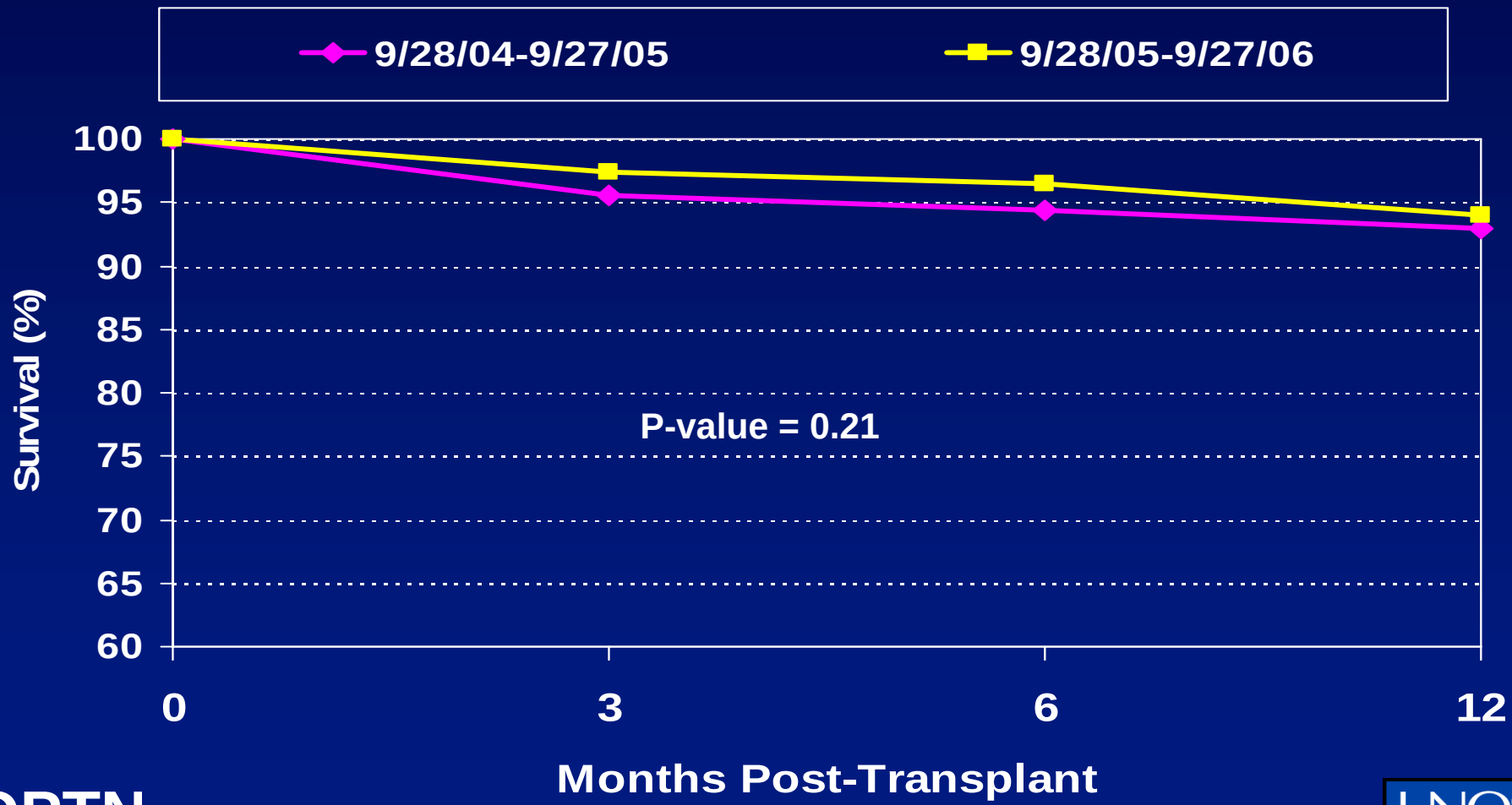
Pediatric Additions during the Month and Active Pediatric Candidates Waiting at Month End, Jan 2005 – May 2007



OPTN

UNOS DONATE LIFE

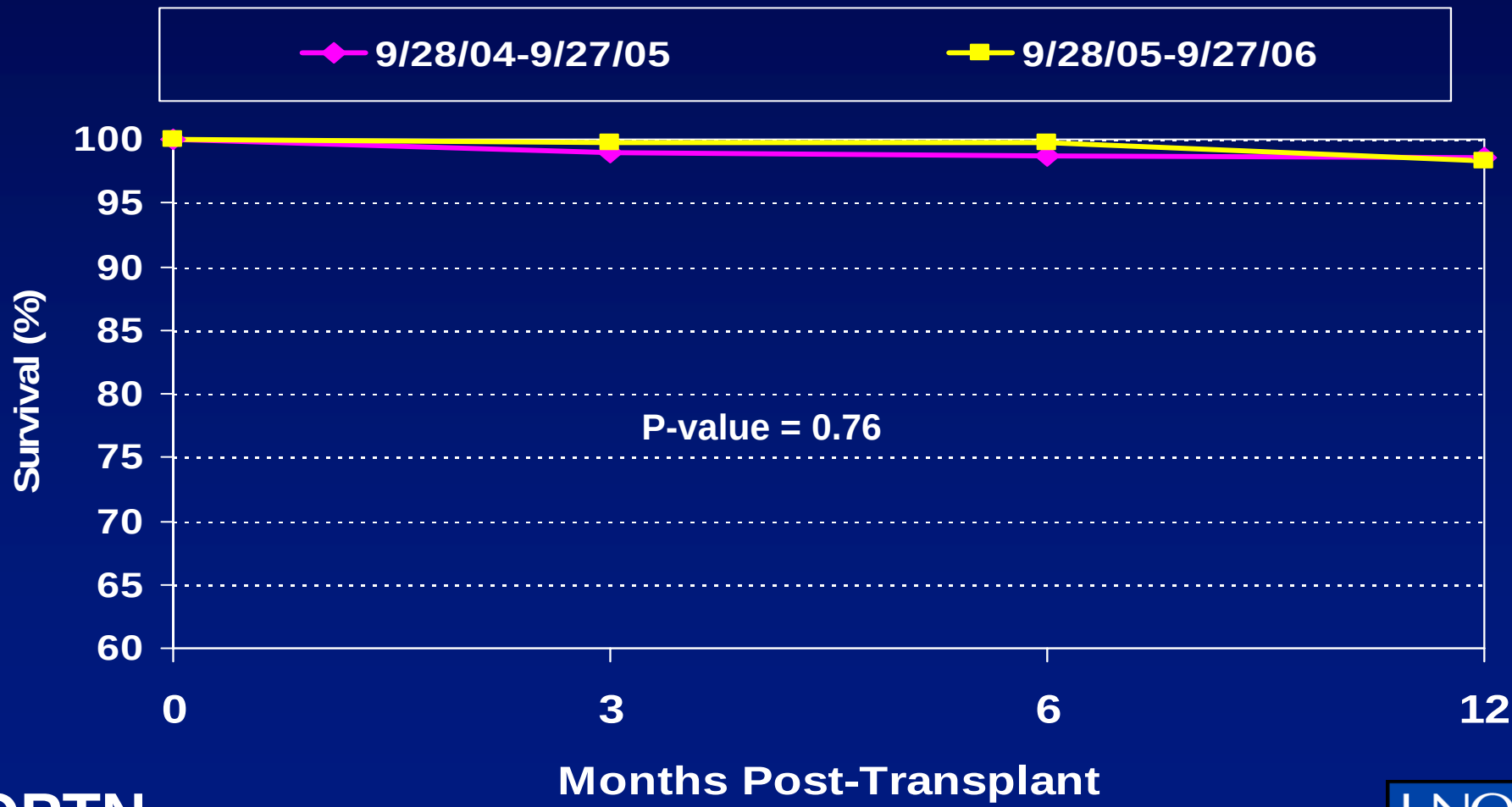
Kaplan-Meier Graft Survival by Policy Period Pediatric Recipients of DD Kidney Transplants during 9/28/04-9/27/06



OPTN

UNOS DONATE LIFE

Kaplan-Meier Patient Survival by Policy Period Pediatric Recipients of DD Kidney Transplants during 9/28/04-9/27/06



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Summary

- Preliminary results show that the number and percentage of pediatric kidney transplants from deceased donors less than age 35 has increased since the policy change, and fewer pediatric candidates are waiting for a transplant.
- Deceased donor transplantation appears to be occurring more rapidly among pediatric recipients.
- The number of living donor pediatric kidney transplants appears to have decreased, and this will be closely monitored.

Summary

- The number and percent of less well HLA matched transplants increased after the policy implementation.
- Graft and patient survival for transplants performed during the 12 months before the policy and 12 months after the policy implementation were not significantly different.
- Pediatric and Kidney Committees monitoring impact of the policy change.