

SRTR Year in Review: A Preview of the 2011 OPTN-SRTR Annual Data Report

Bertram L. Kasiske, MD



The 12th Joint Annual Congress of the American Society of Transplant Surgeons and The American Society of Transplantation

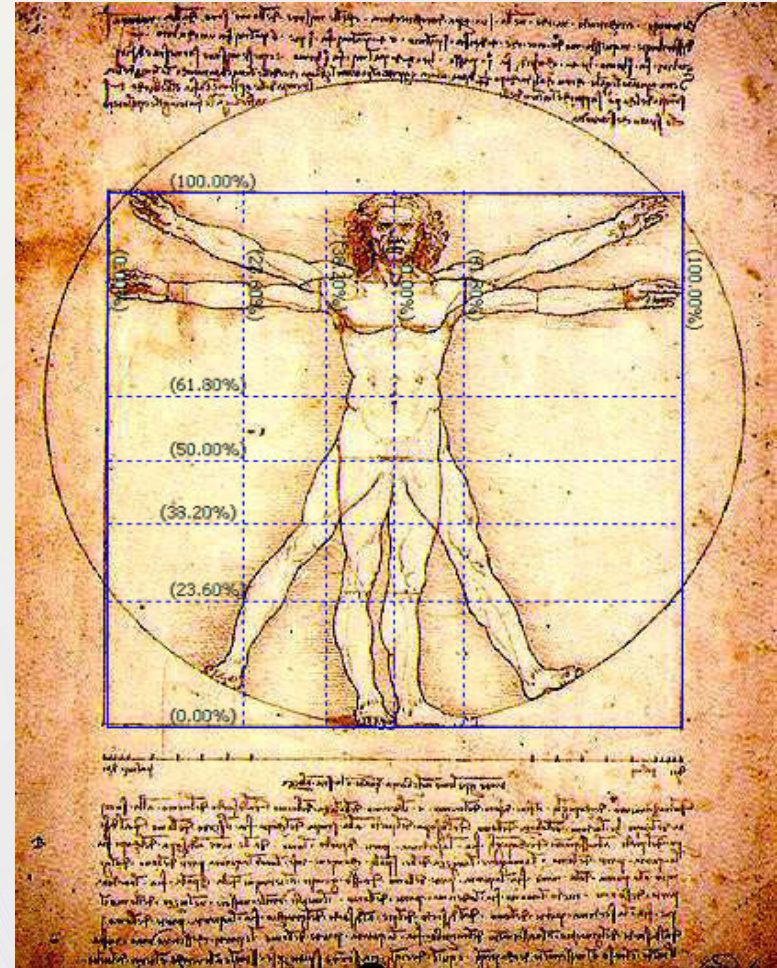
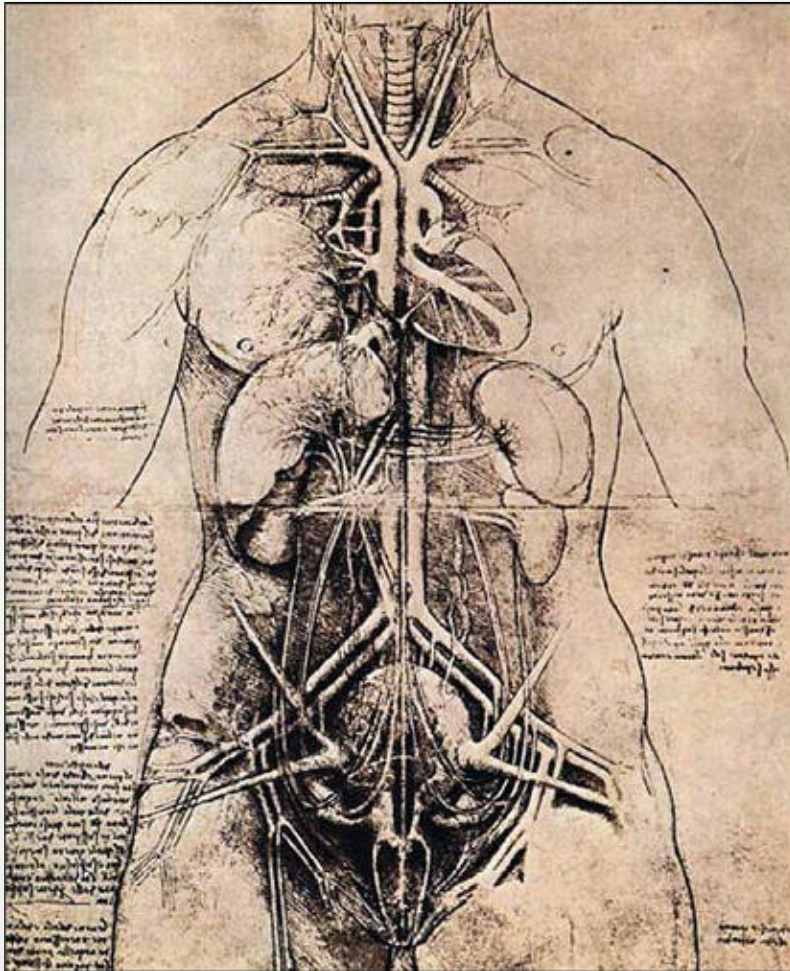
**Bertram L. Kasiske, MD
Professor of Medicine
Hennepin County Medical Center,
Minneapolis, MN, USA**

I have no financial relationships to disclose within the past 12 months relevant to my presentation.

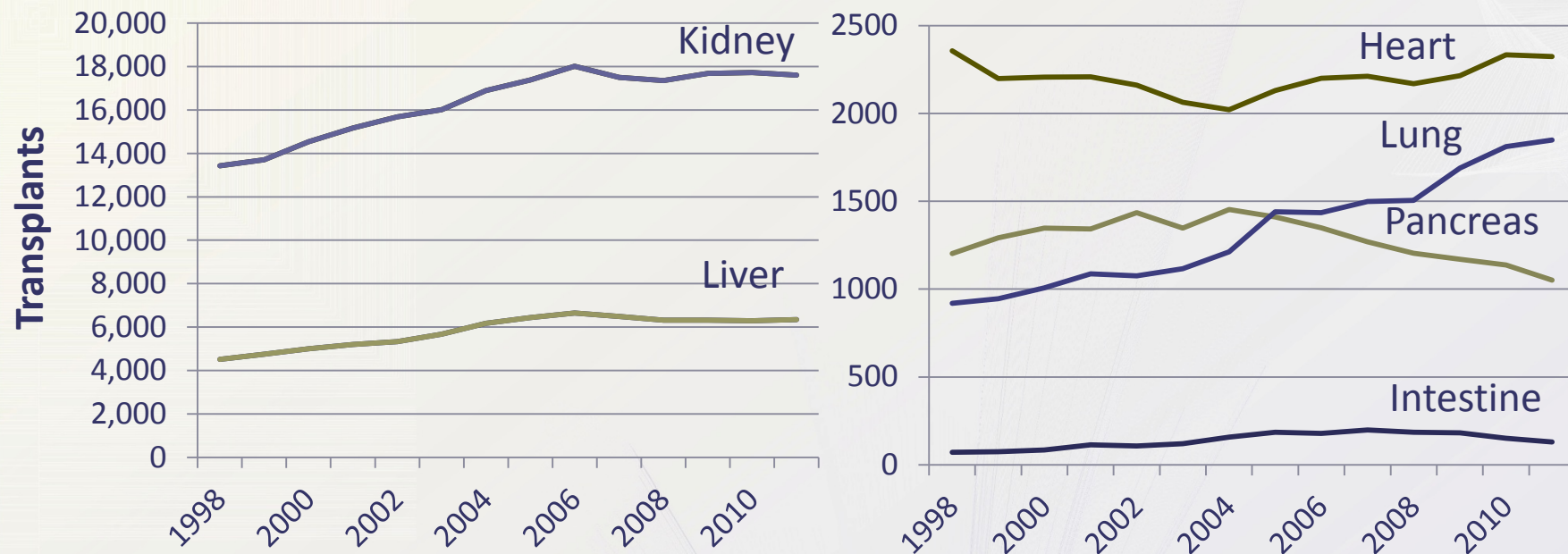
My presentation does not include discussion of off-label or investigational use.

I do not intend to reference unlabeled/unapproved uses of drugs or products in my presentation.

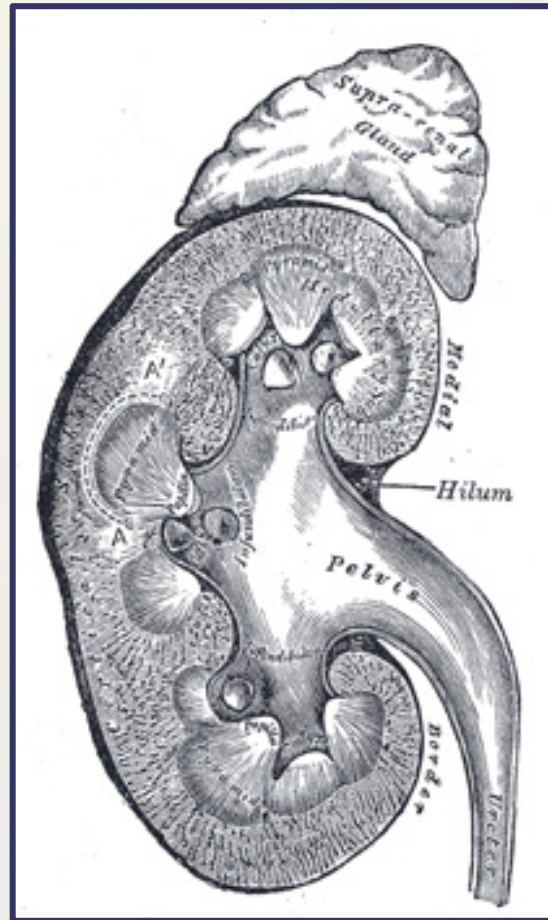
Trends in the solid organ transplantation



Trends in solid organ transplantation

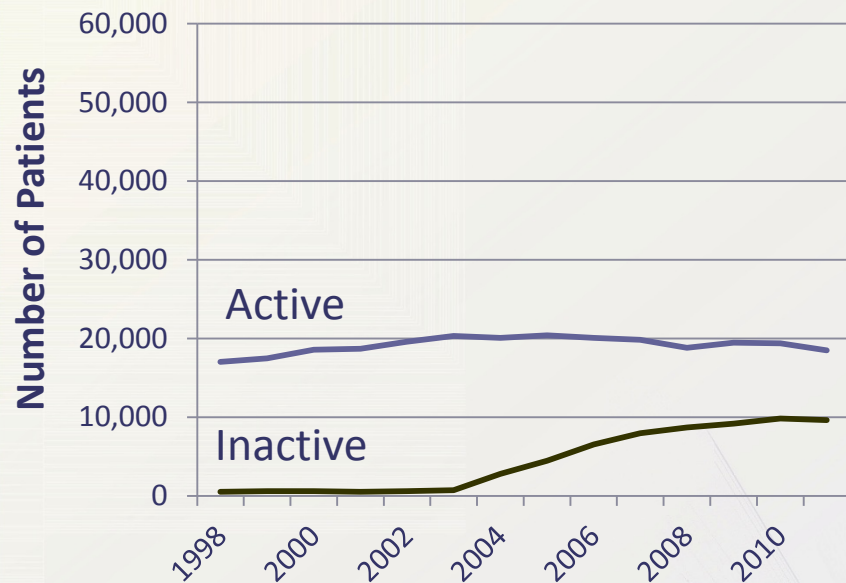


Kidney

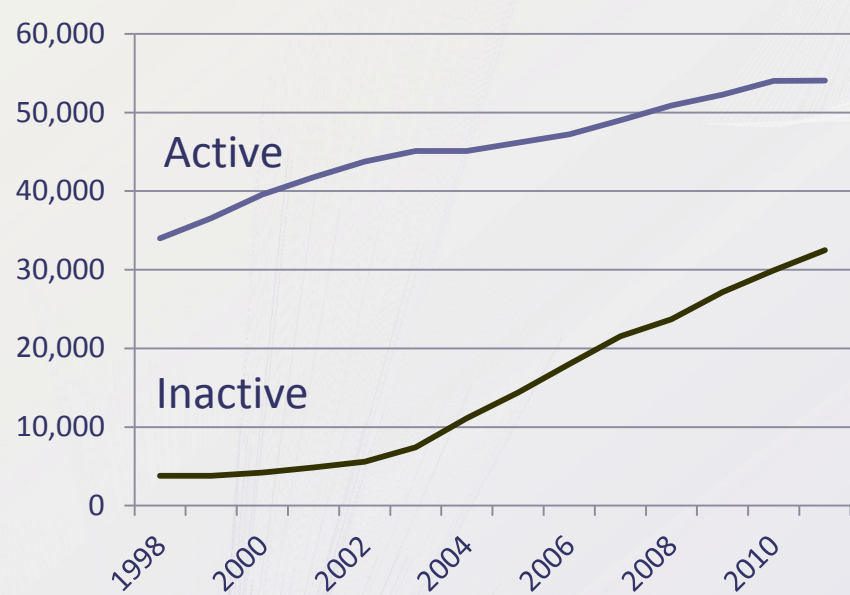


Trends in the kidney transplant waiting list

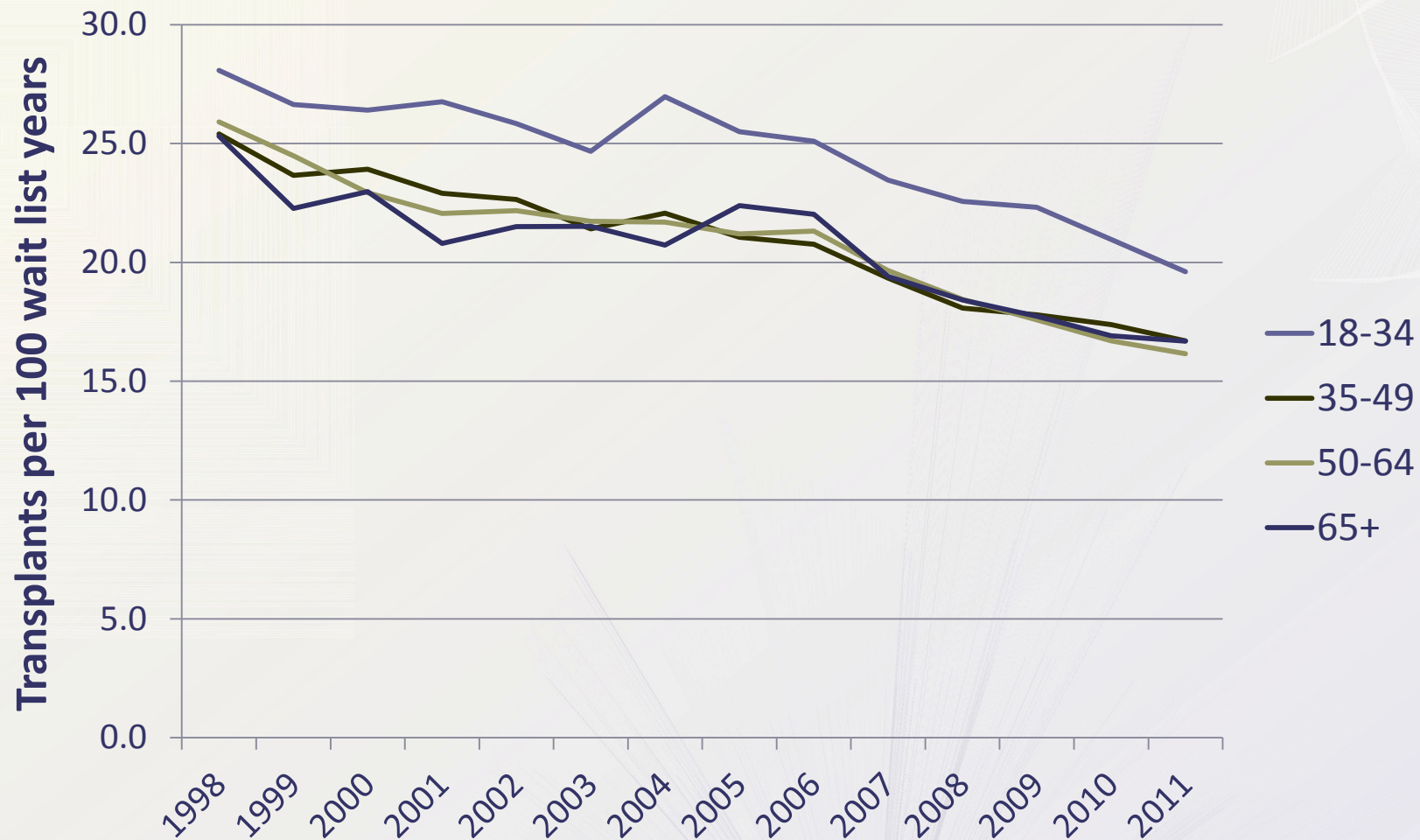
New listings



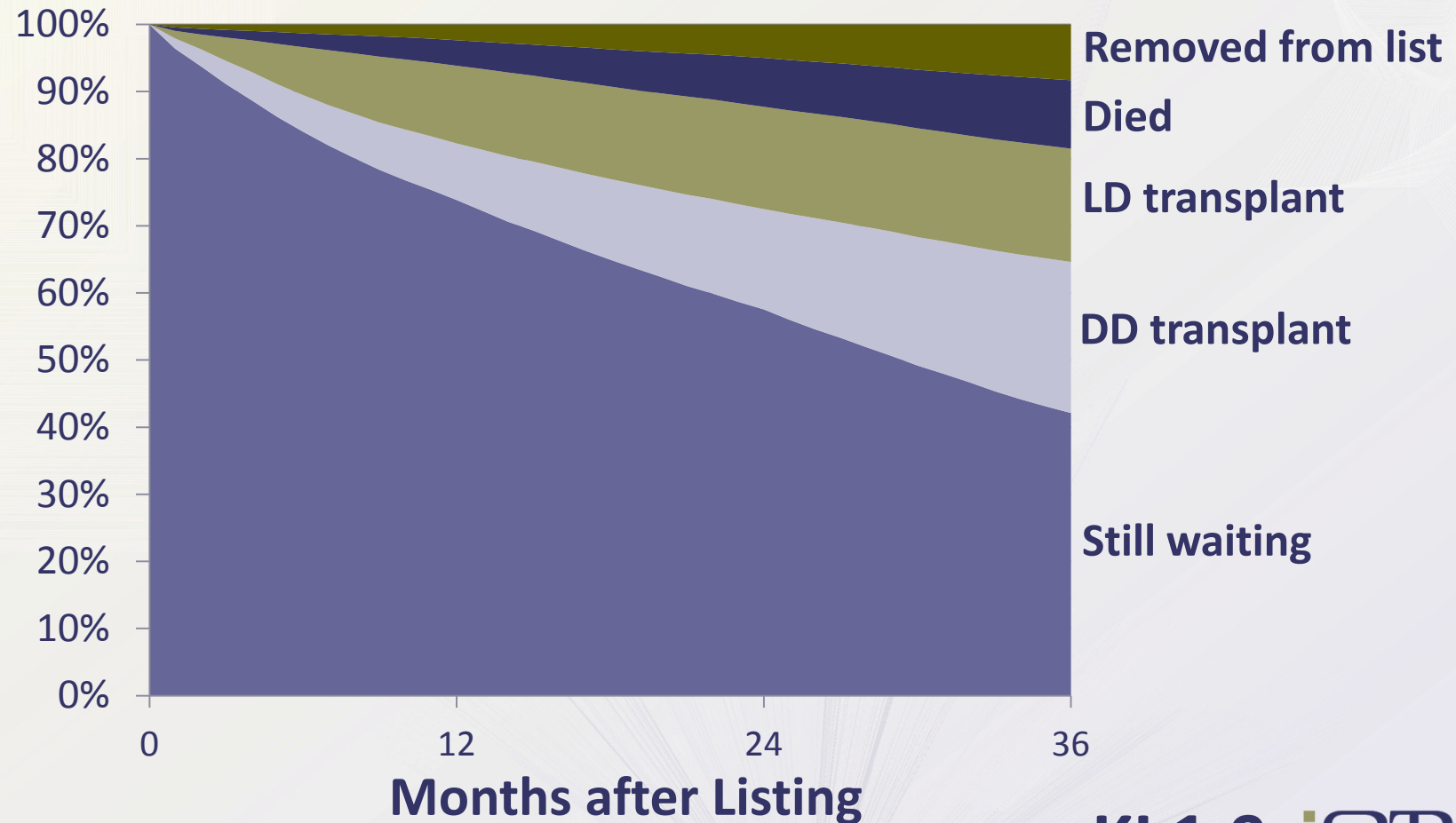
Waiting list on 12/31



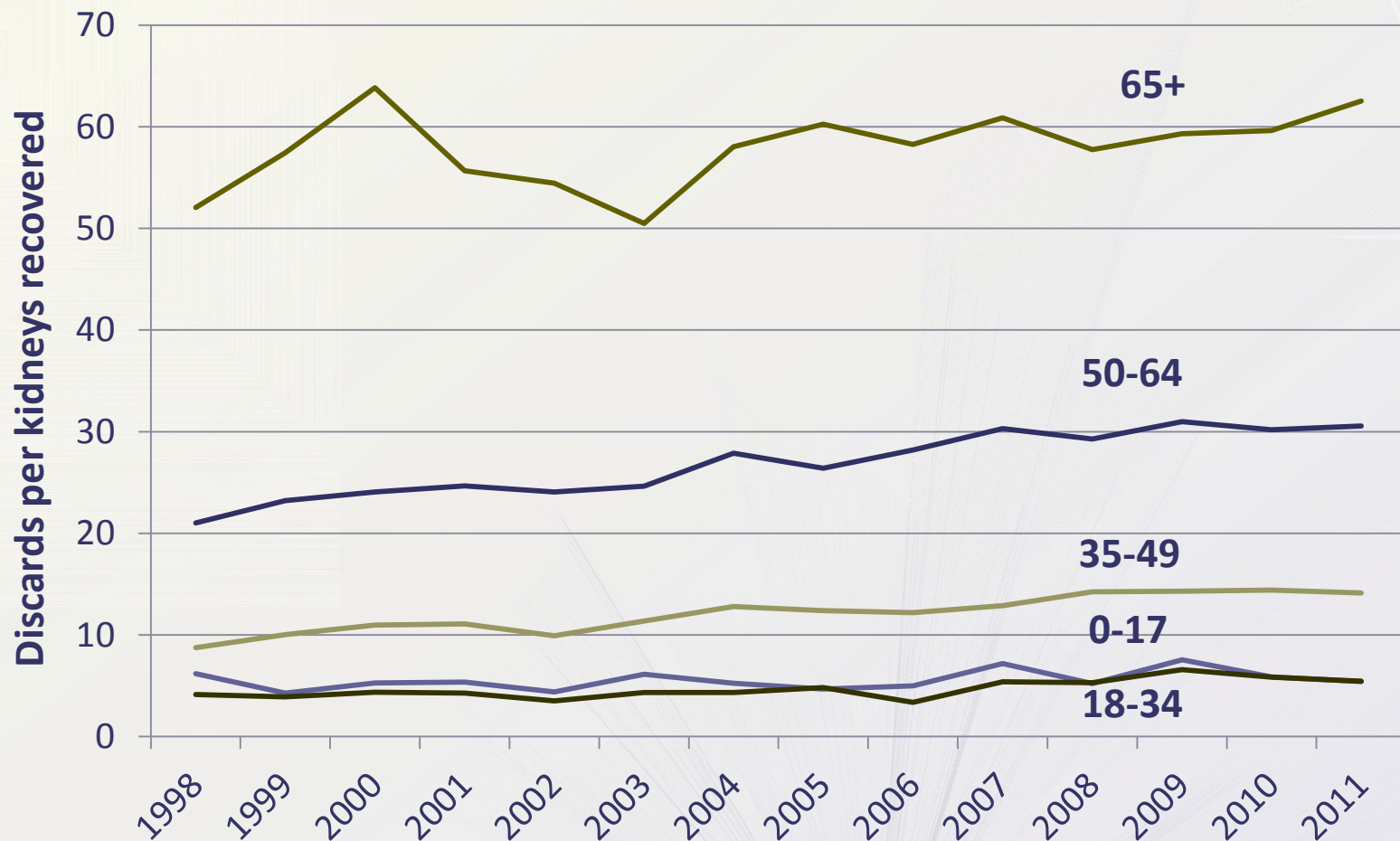
Trends in kidney transplant rates



Outcomes for adult patients waiting for a kidney transplant among new listings in 2008



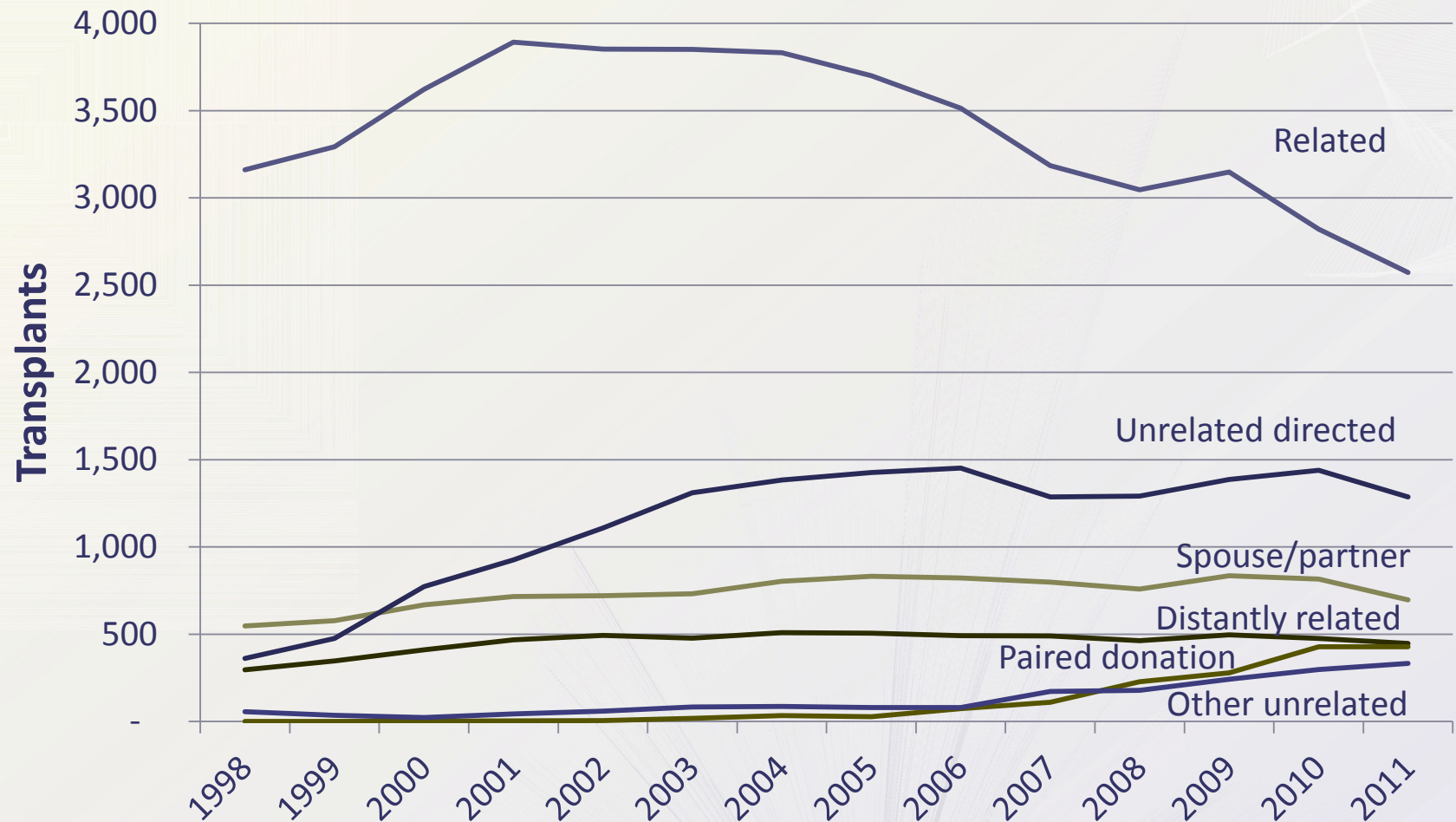
Discard rates for kidneys recovered for transplant by donor age



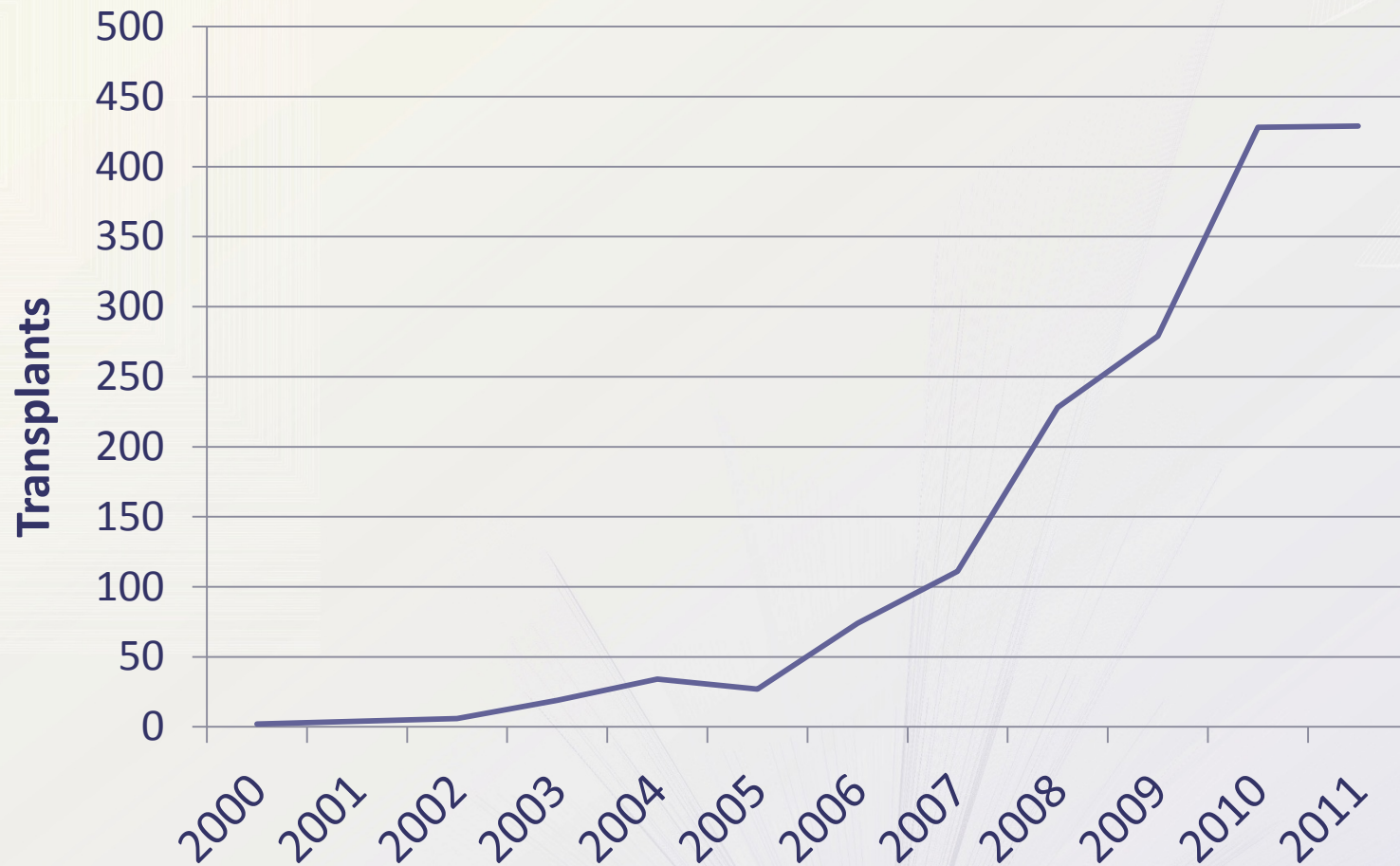
Reasons for discards among kidneys removed for transplant but not transplanted, 2011

Reason	Percent	N
Biopsy Findings	37.3	966
Other, Specify	17.5	453
No Recipient Located	16.6	430
Poor Organ Function	9.2	239
Anatomical Abnormalities	7.1	183
Diseased Organ	3.5	90
Other	8.7	226

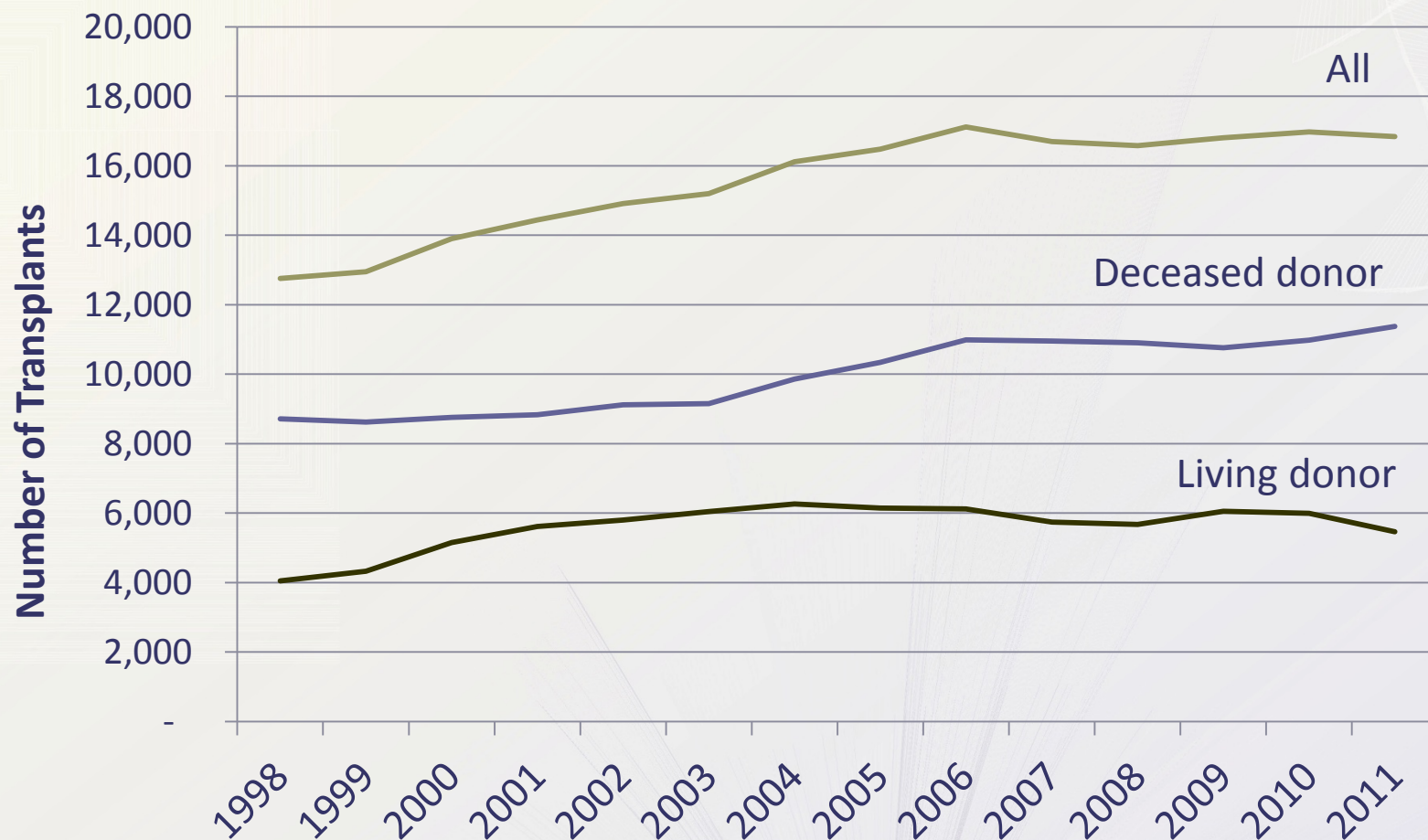
Kidney transplants from living donors



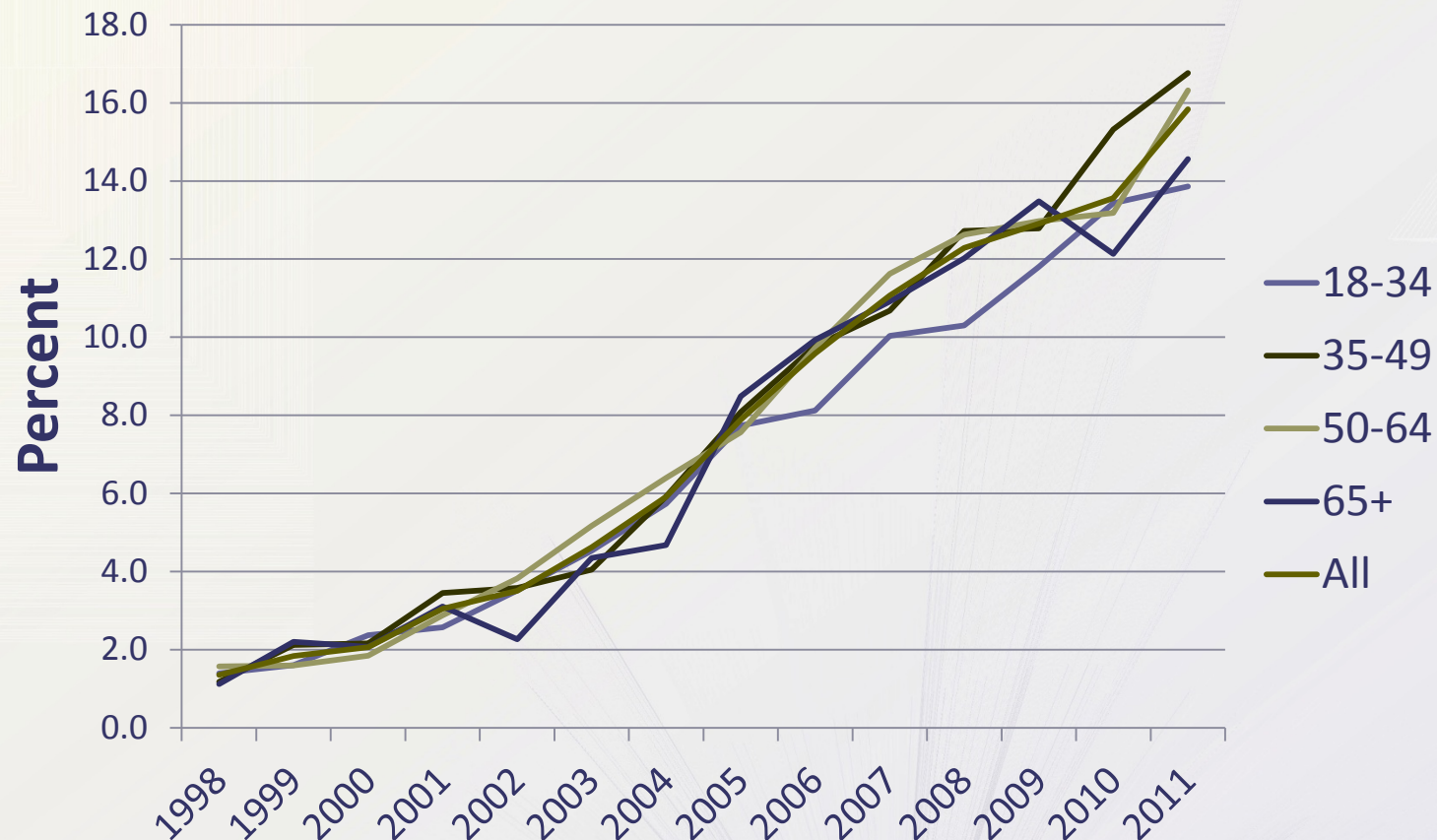
Kidney transplants from paired donation



Adult kidney transplants (including pancreas)

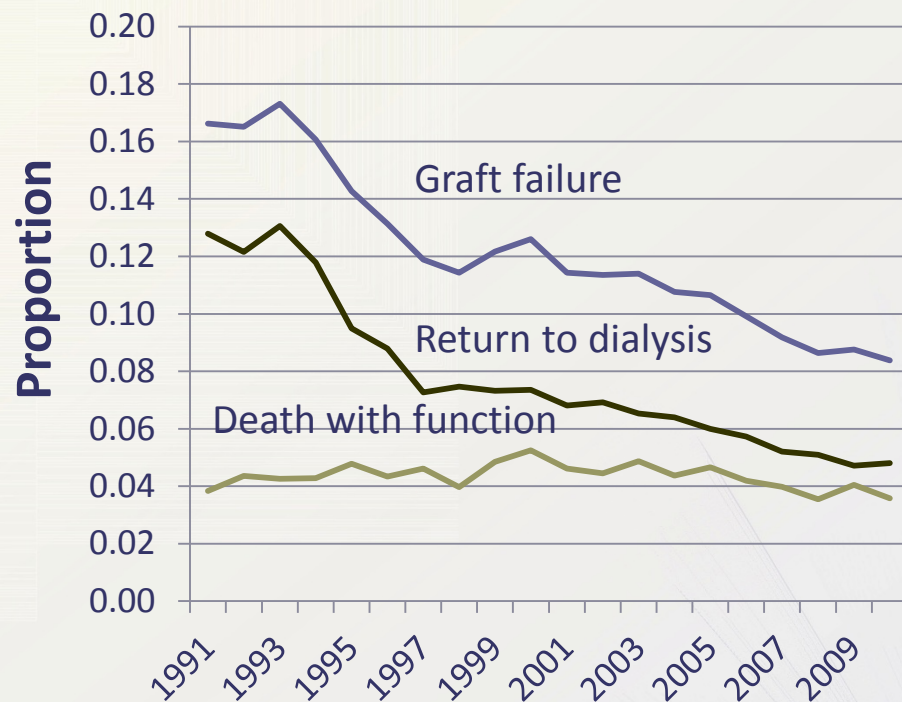


Use of DCD kidneys among adult kidney-alone transplant recipients, by recipient age

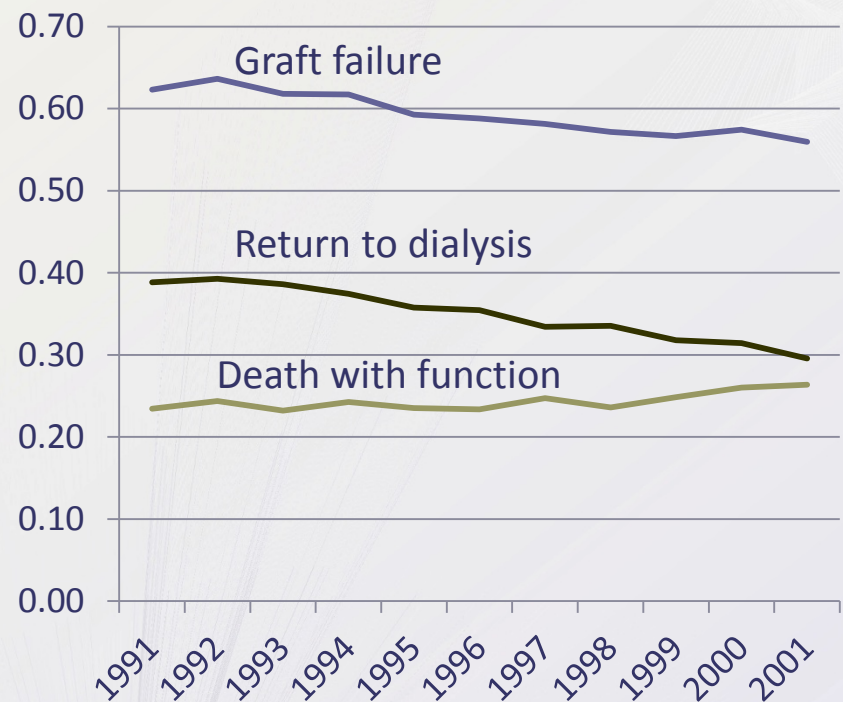


Outcomes for adult deceased donor kidney transplant recipients

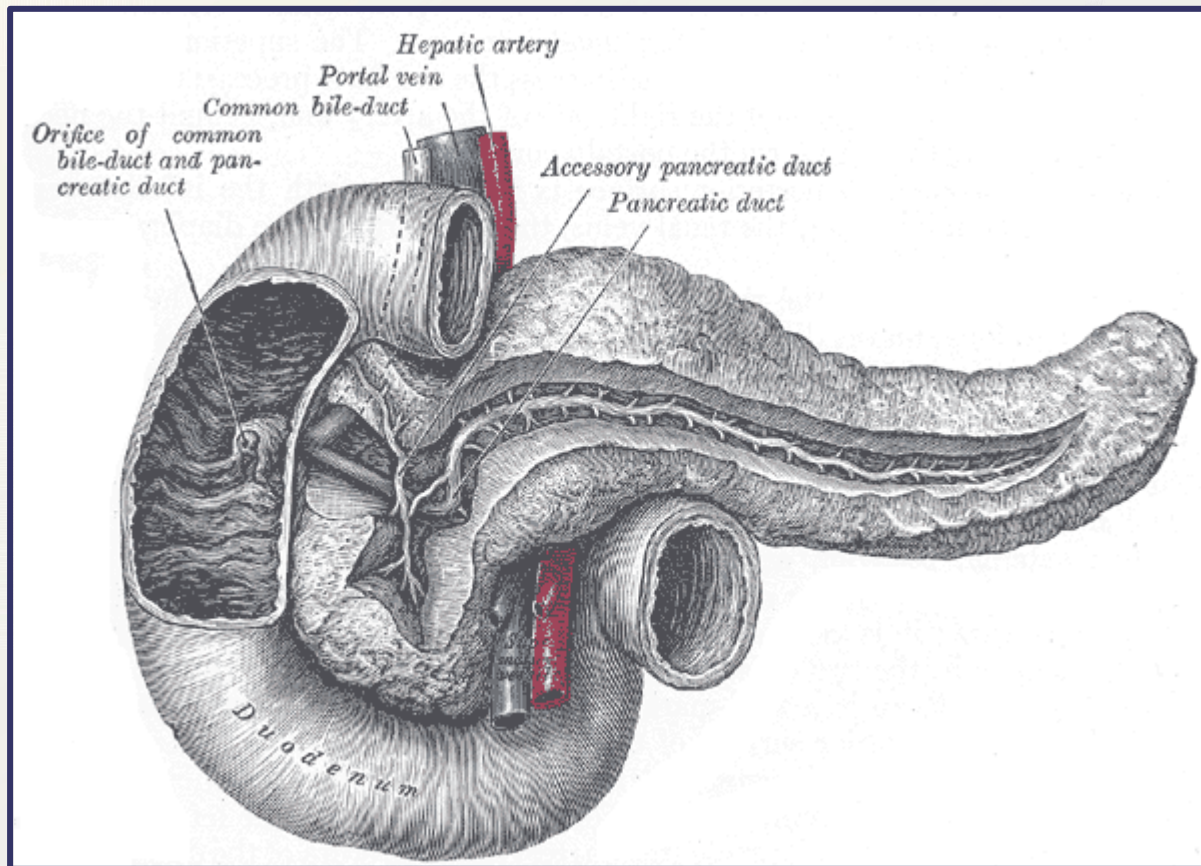
1-Year



10-Year

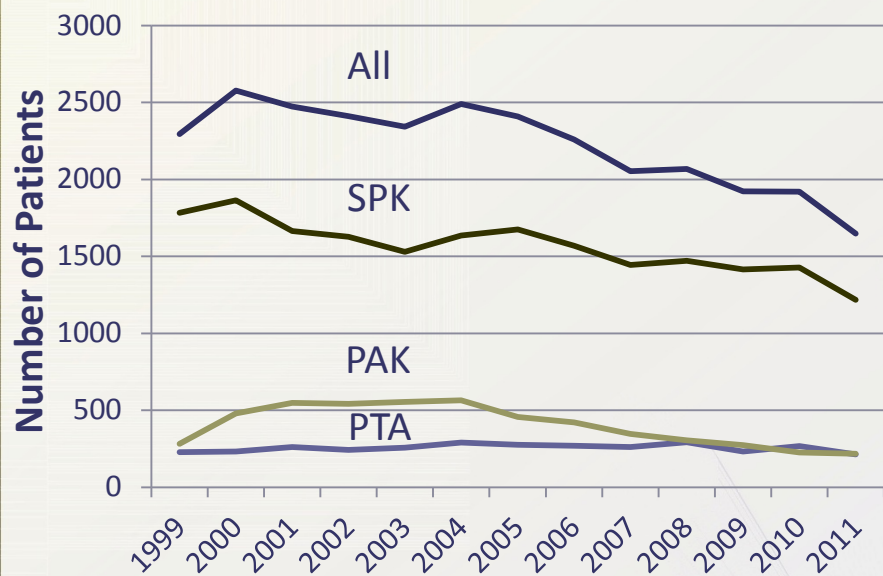


Pancreas

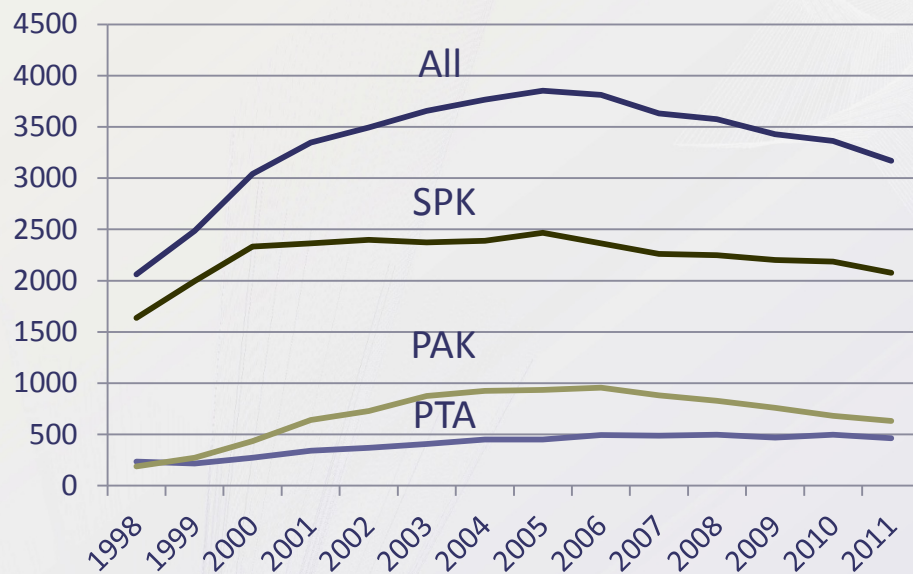


Adult patients waiting for a pancreas transplant

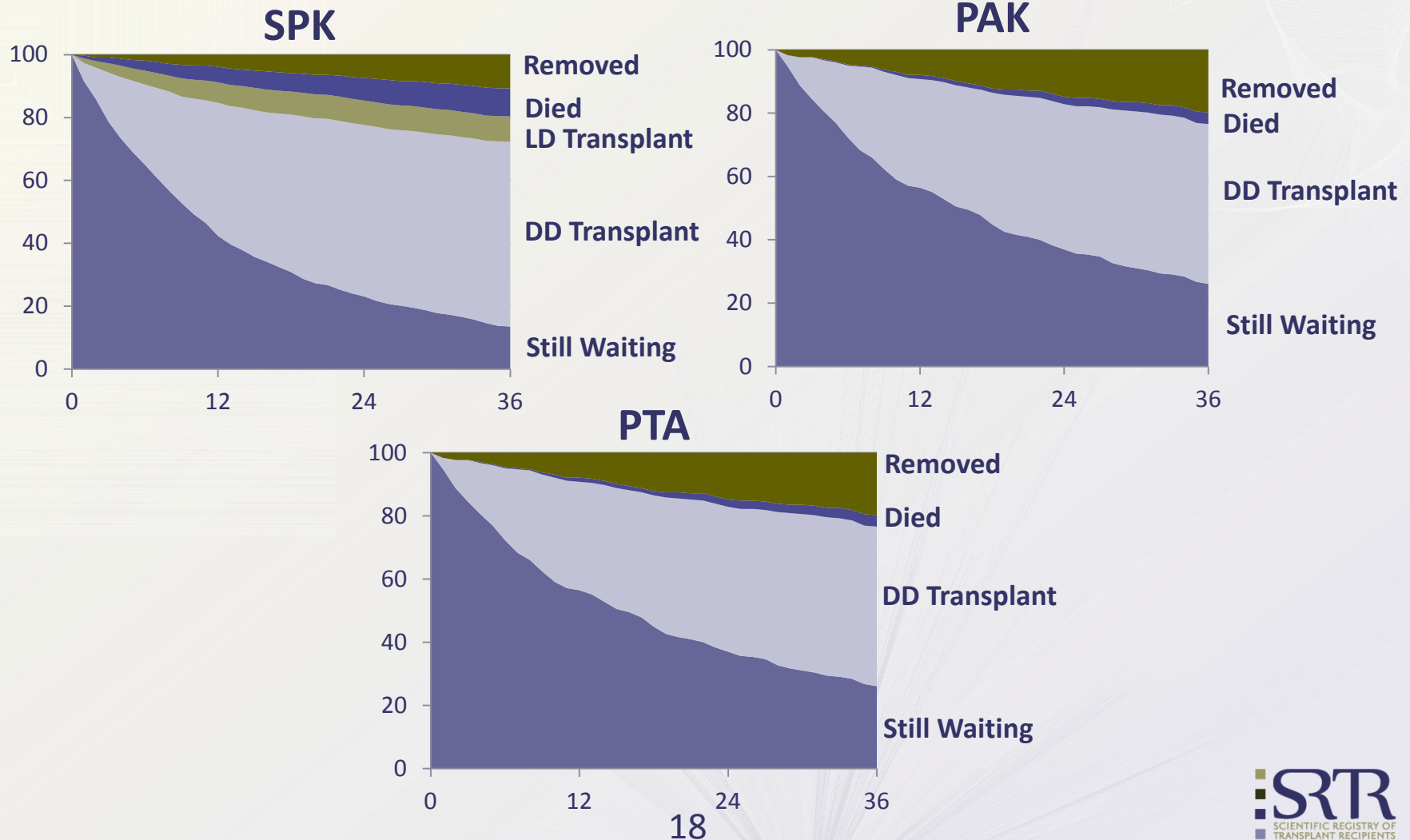
New listings



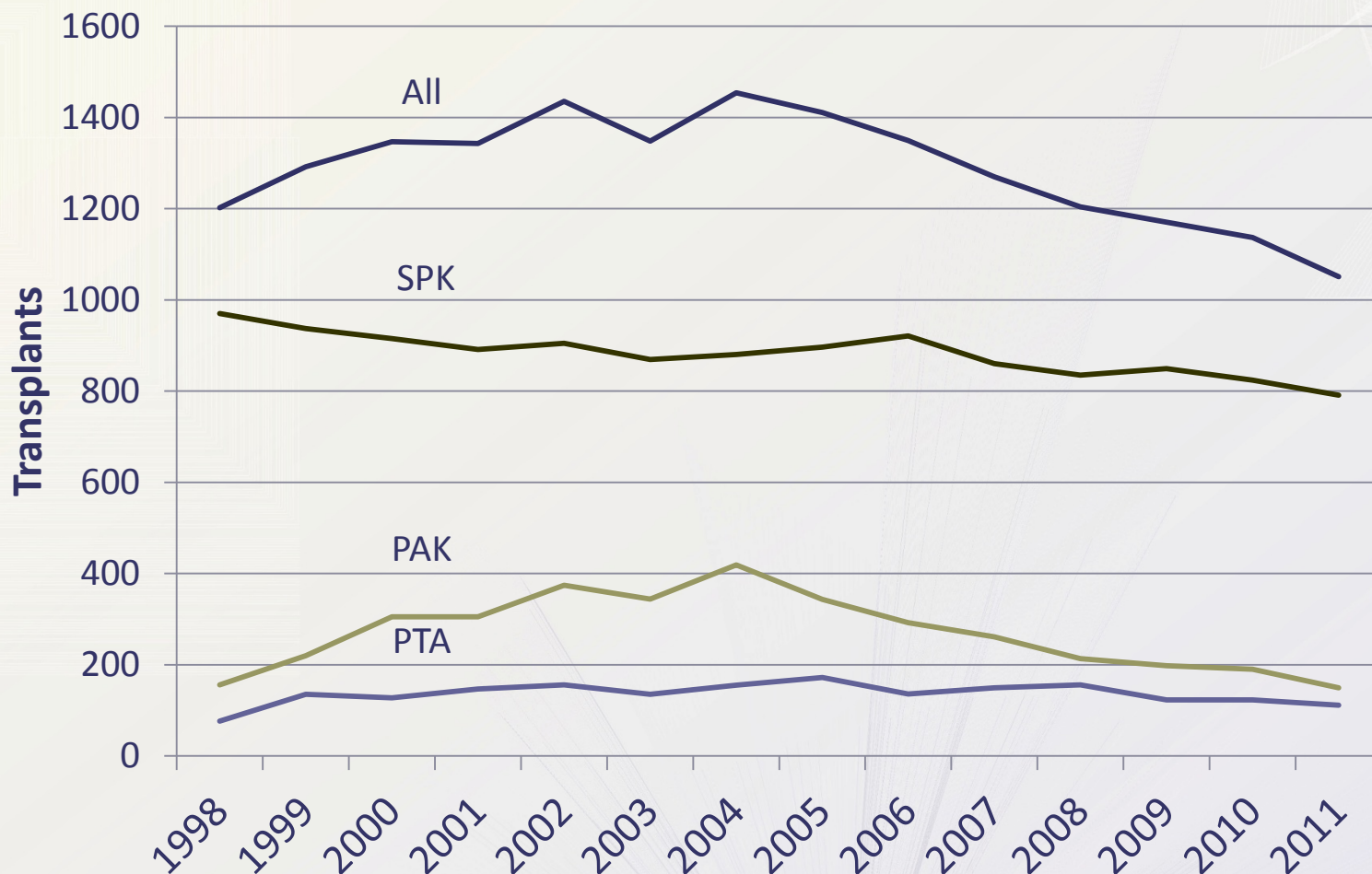
Waiting list on 12/31



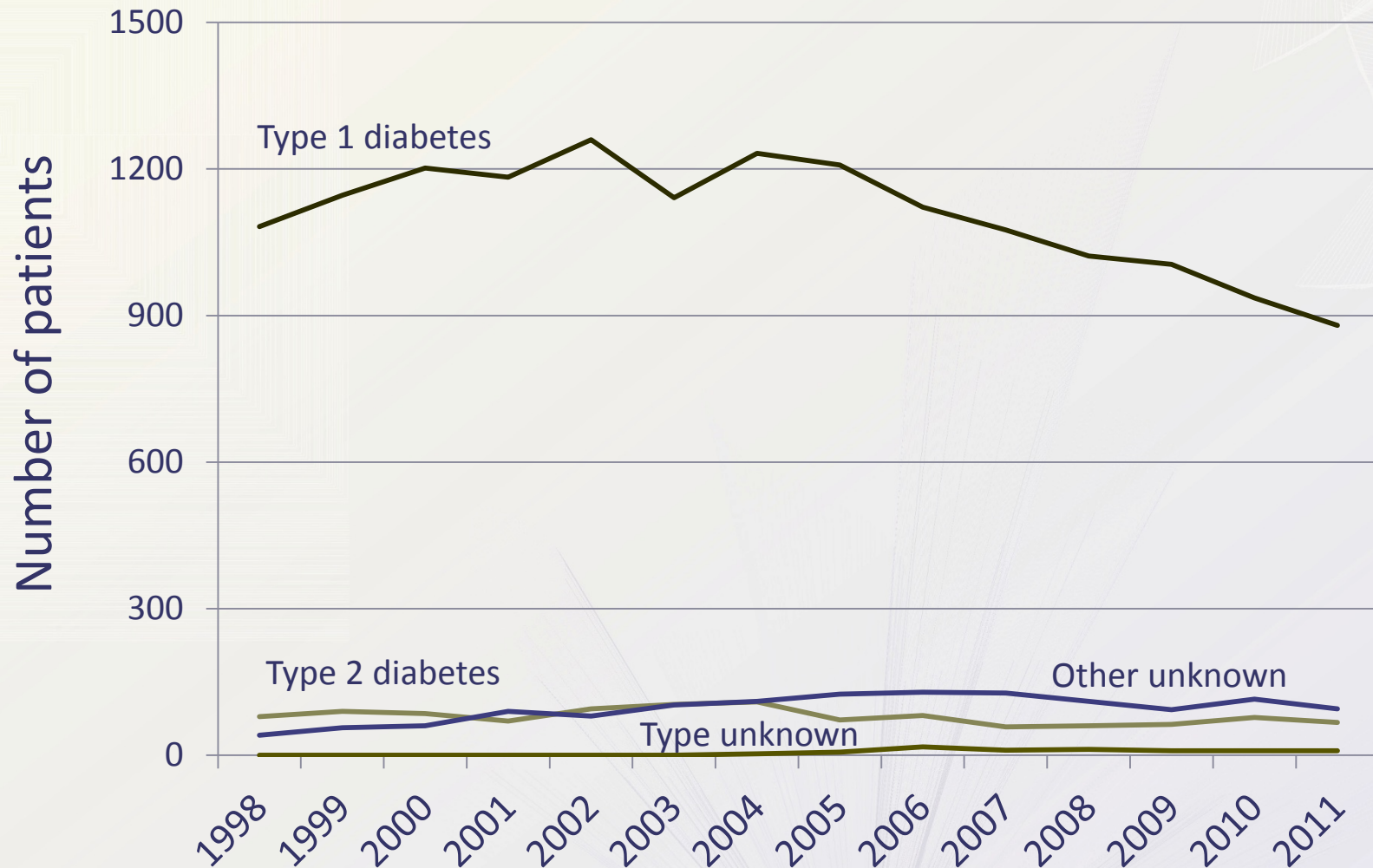
Outcomes for adult patients waiting for a pancreas transplant among new listings in 2008



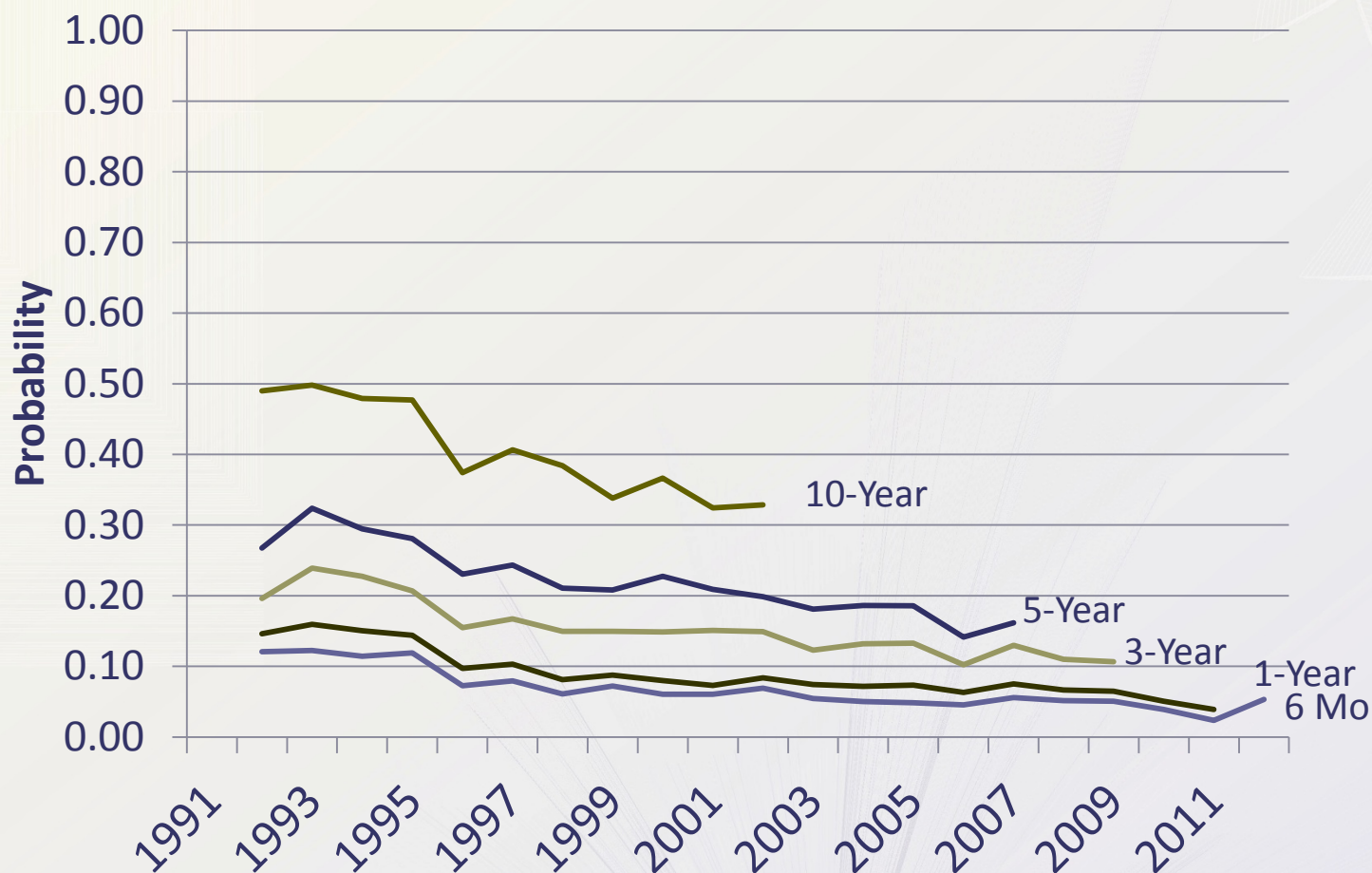
Adult pancreas transplant counts



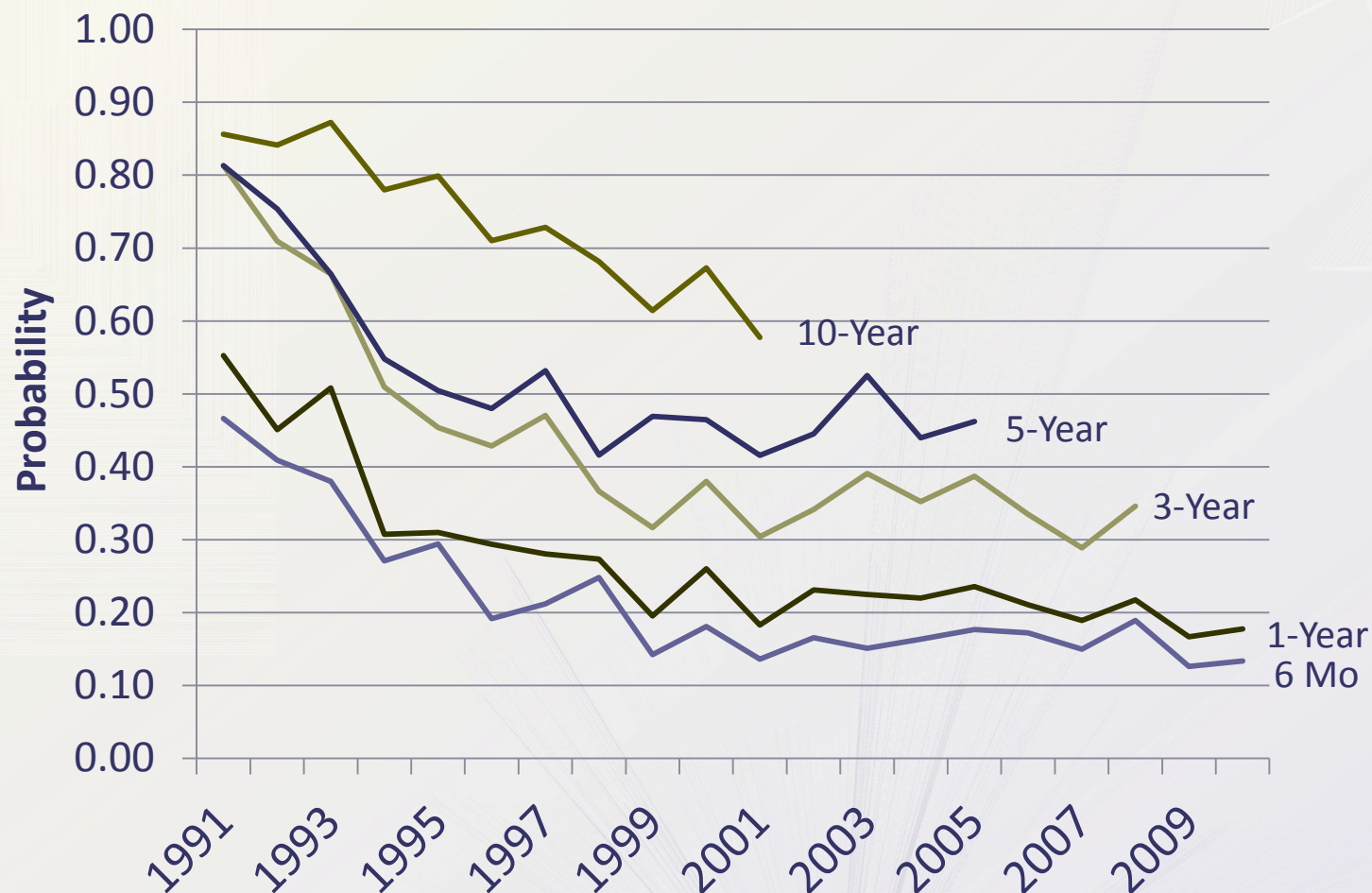
Adult pancreas transplants by diabetes type



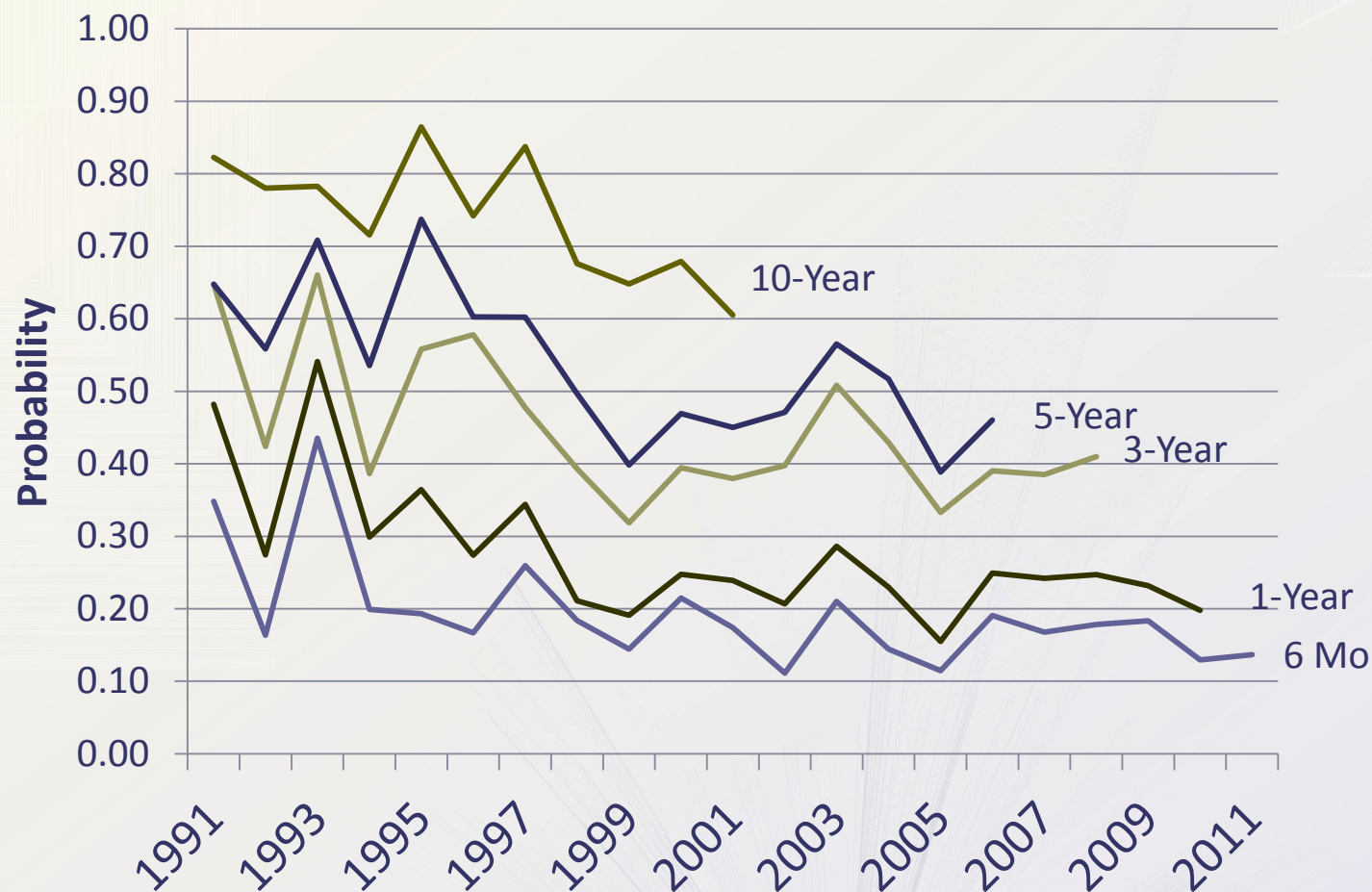
SPK pancreas graft failure



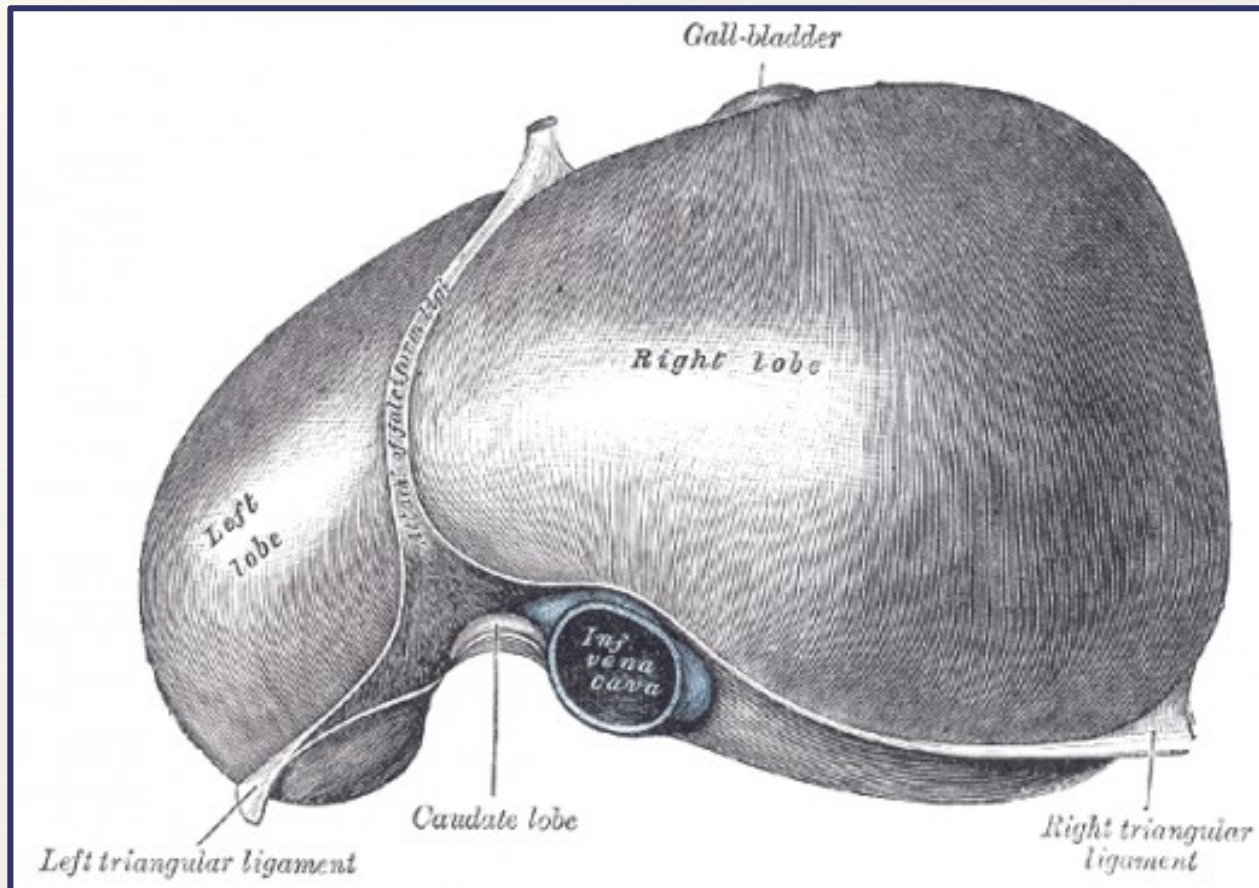
PAK pancreas graft failure



PTA pancreas graft failure

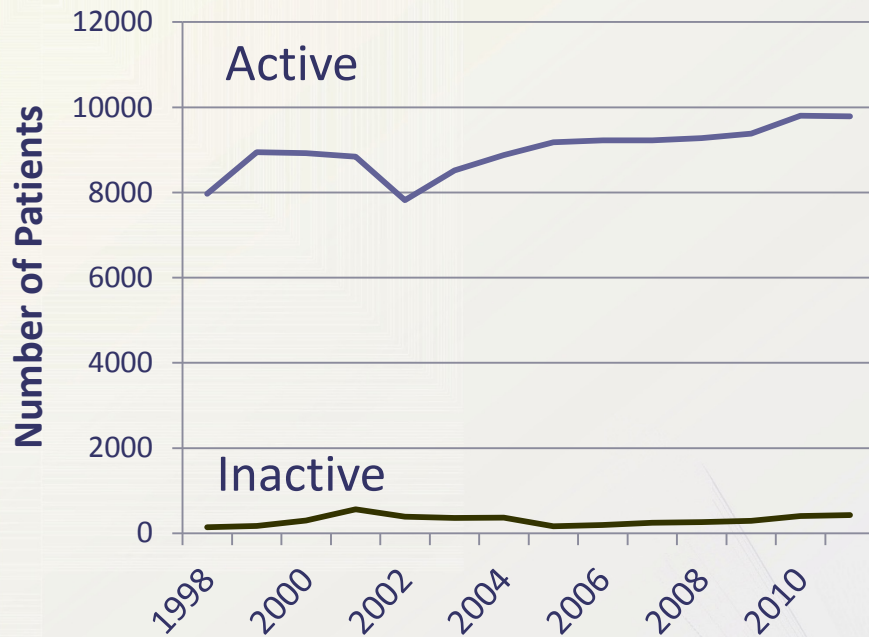


Liver

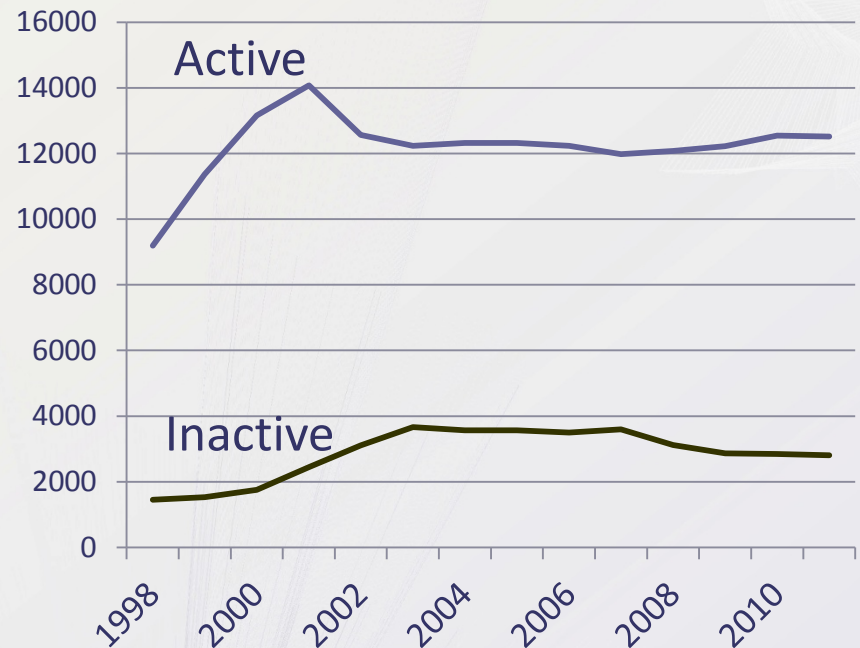


Adult patients waiting for a liver transplant

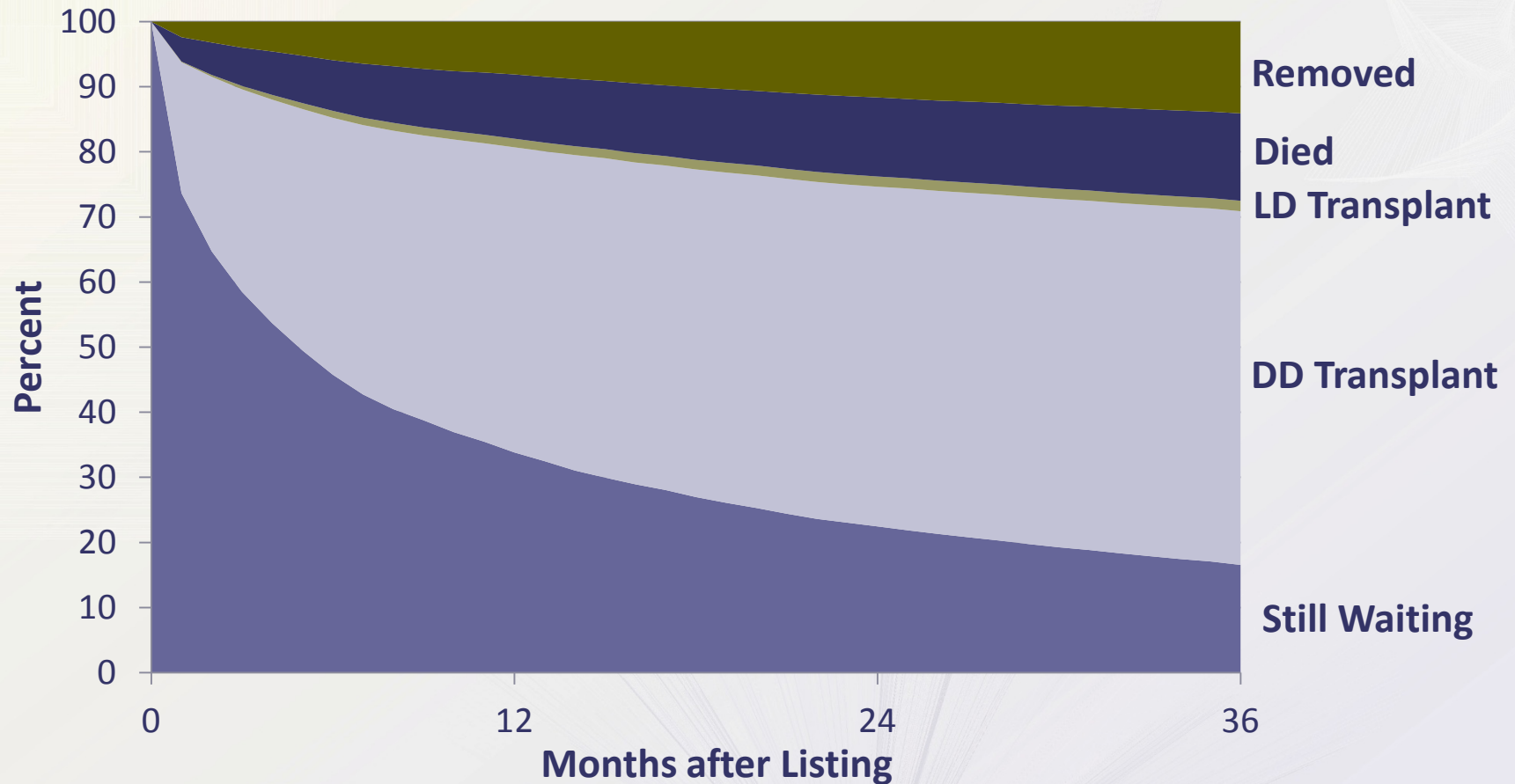
New listings



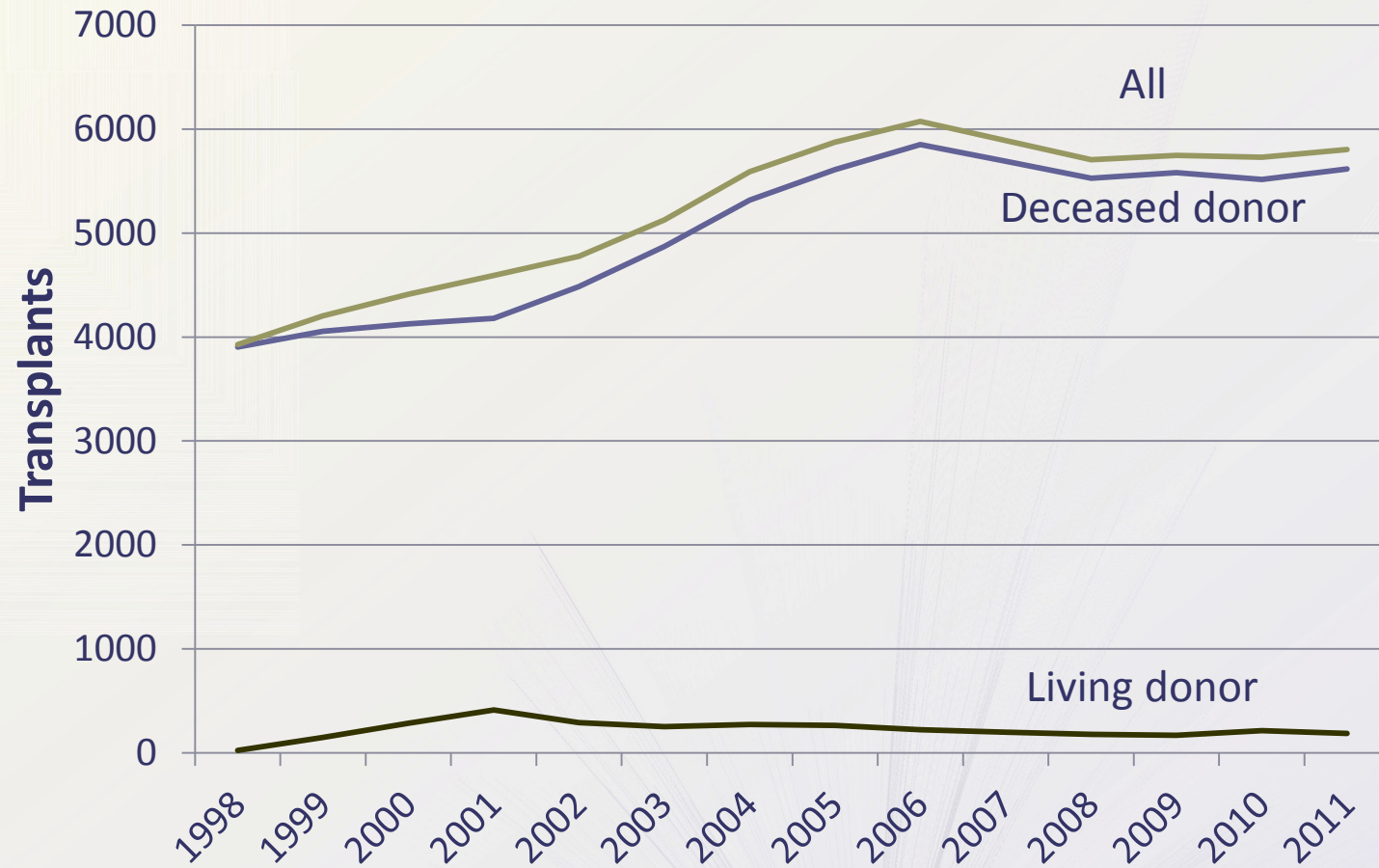
Waiting list on 12/31



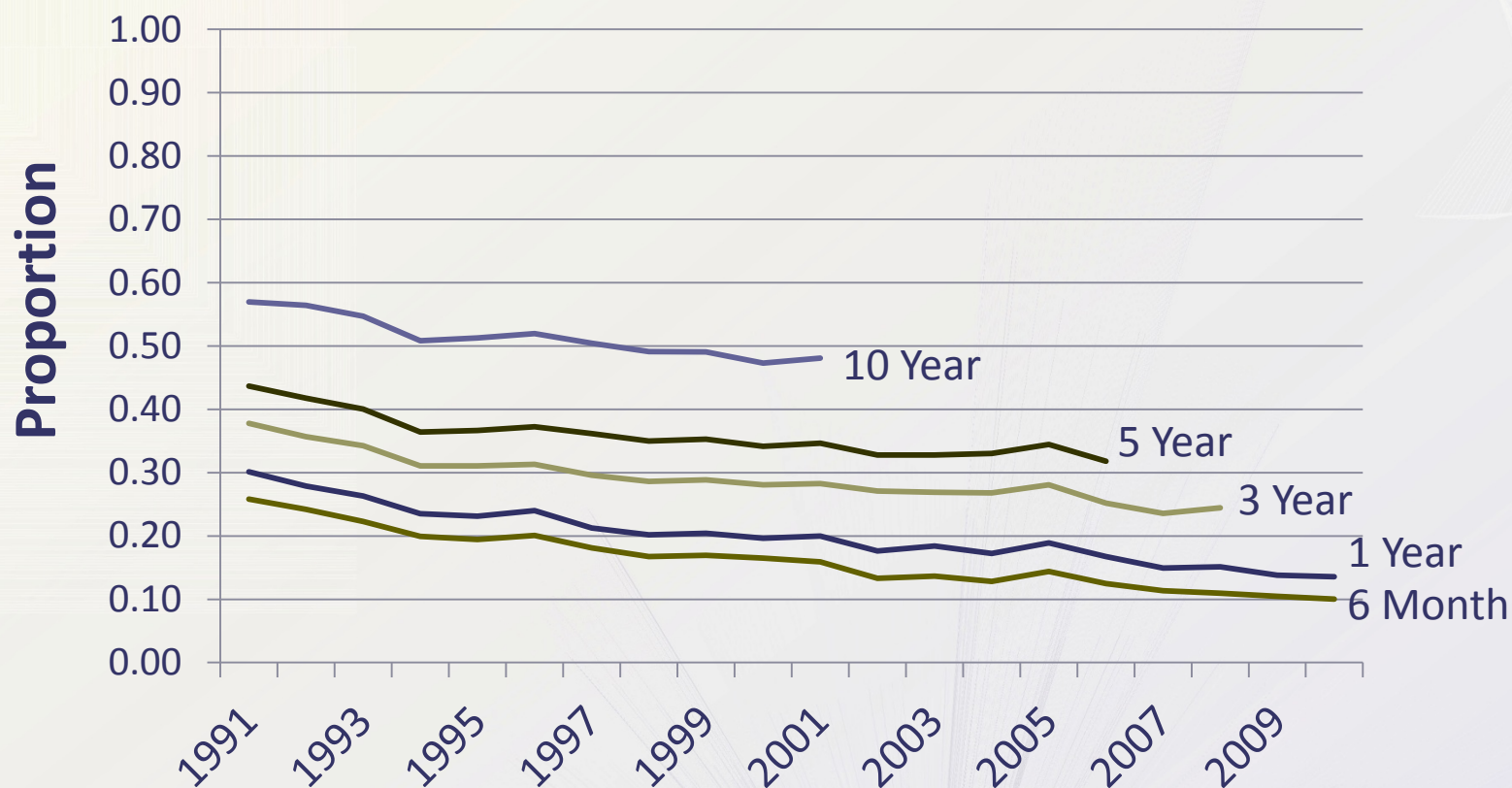
Outcomes for adult patients waiting for a liver transplant among new listings in 2008



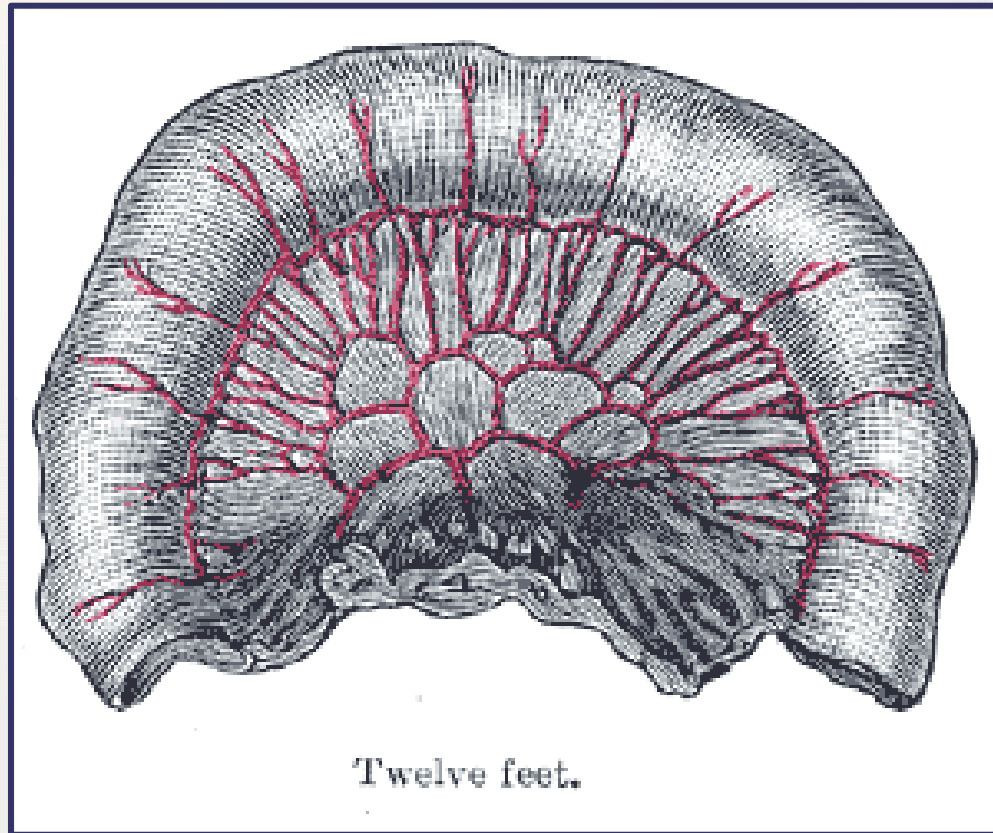
Adult liver transplant counts



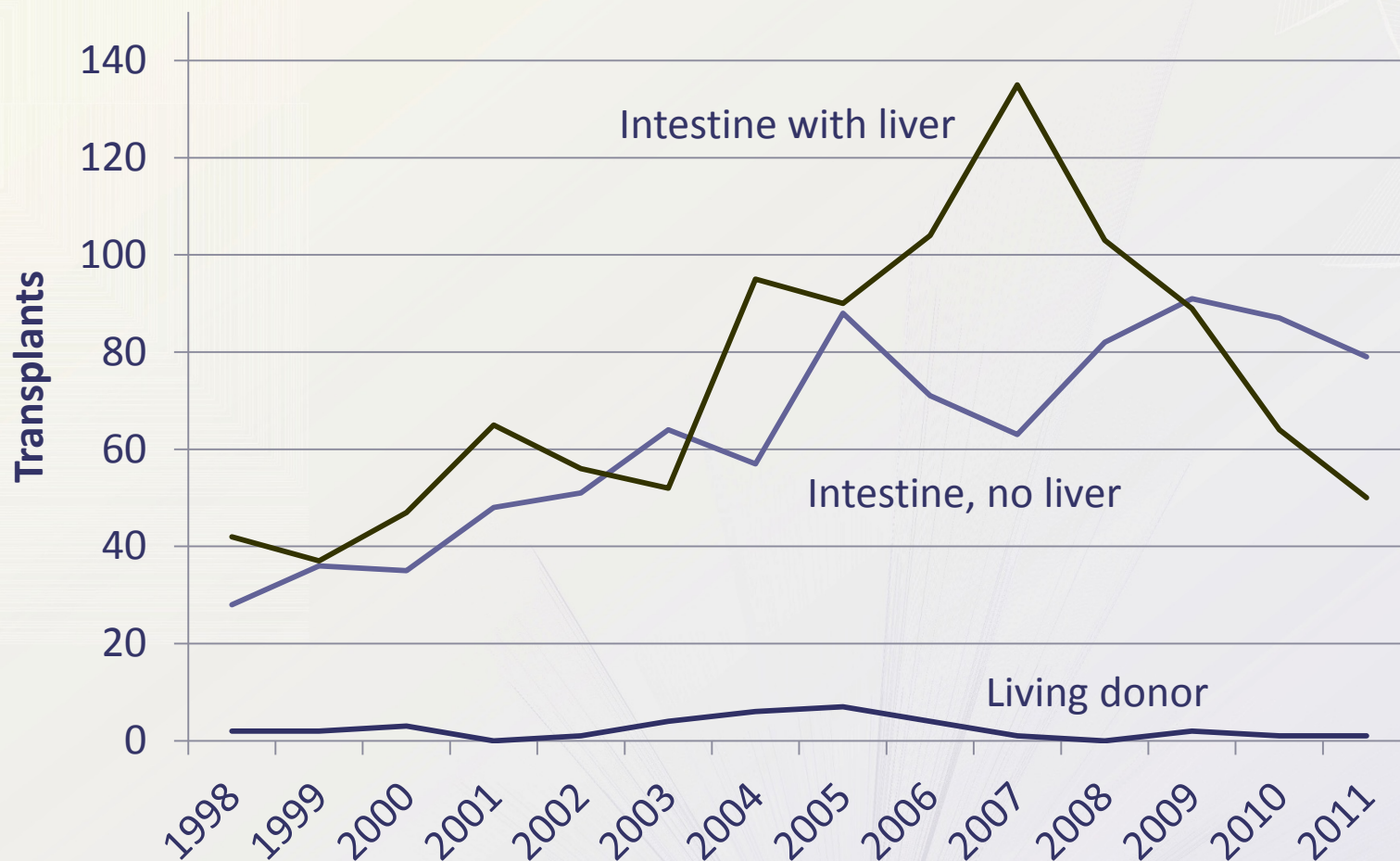
Liver graft failure among adult recipients



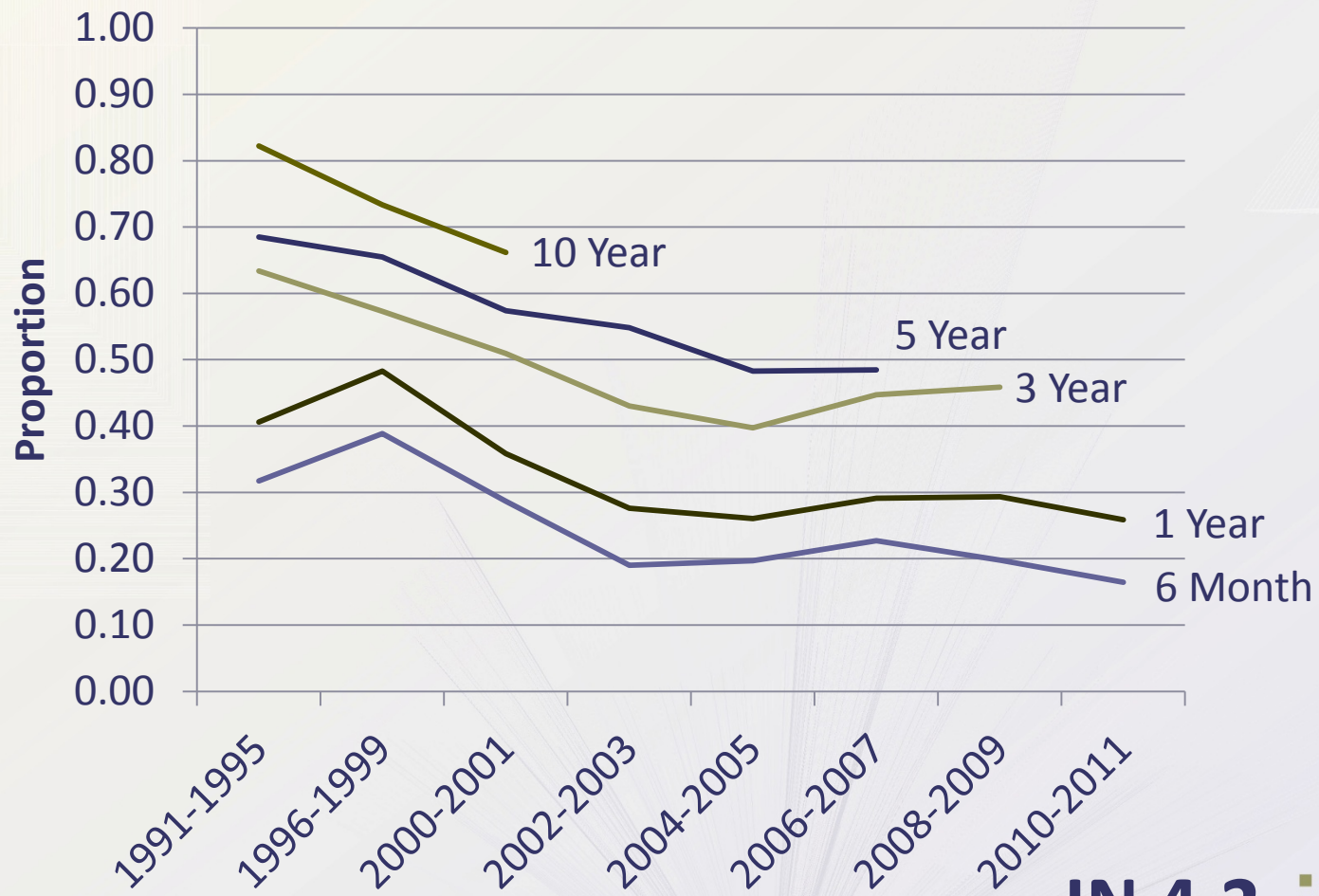
Intestine



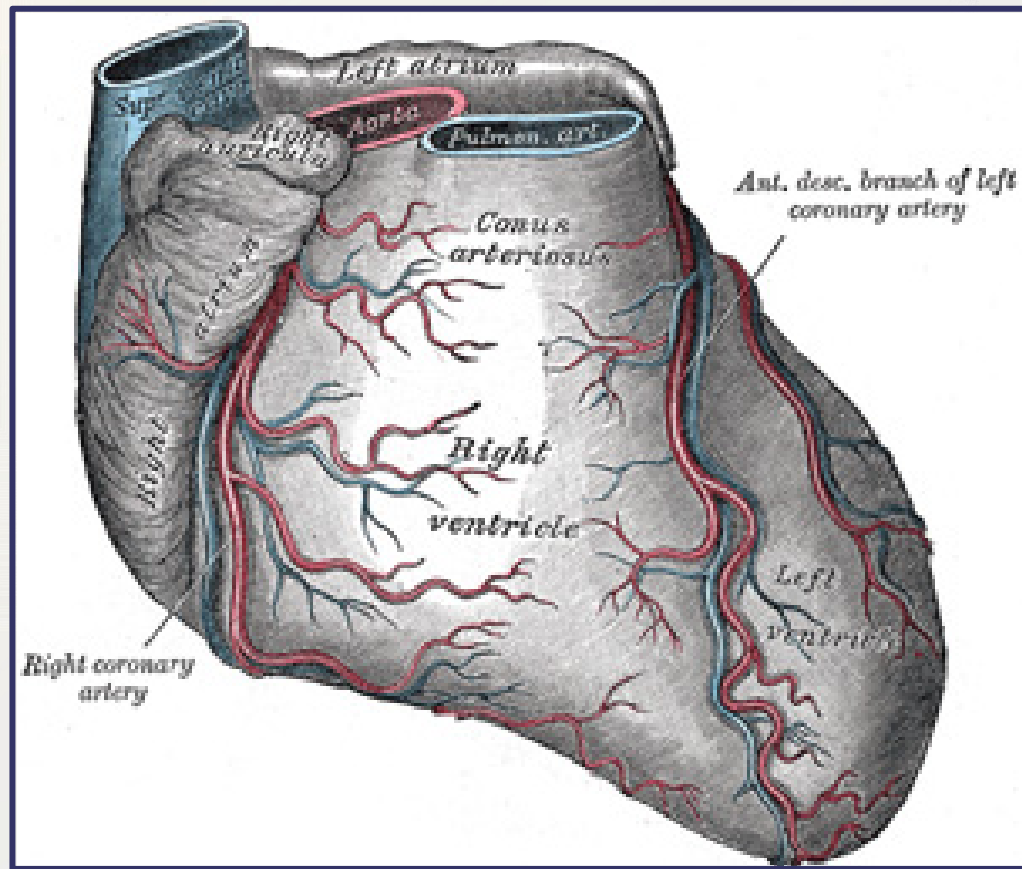
Intestinal transplant counts



Graft failure or death among intestinal transplant recipients: deceased donor

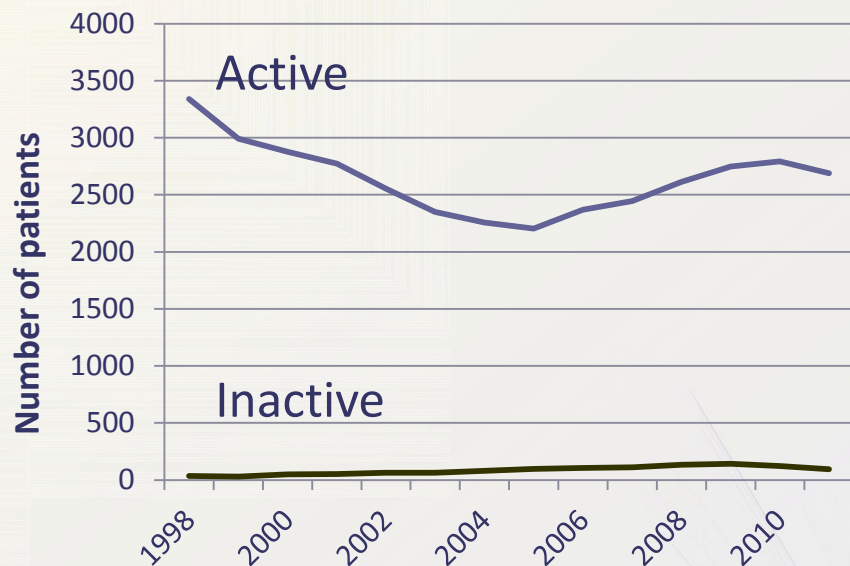


Heart

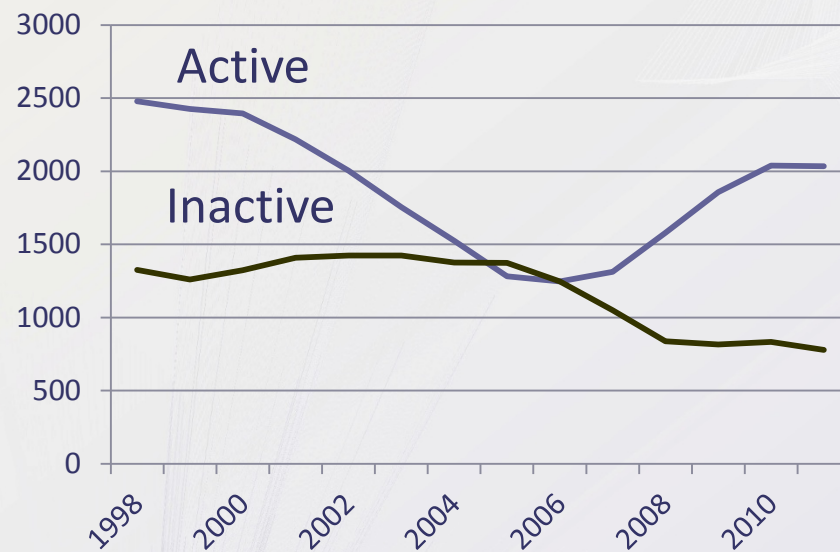


Adult patients waiting for a heart transplant

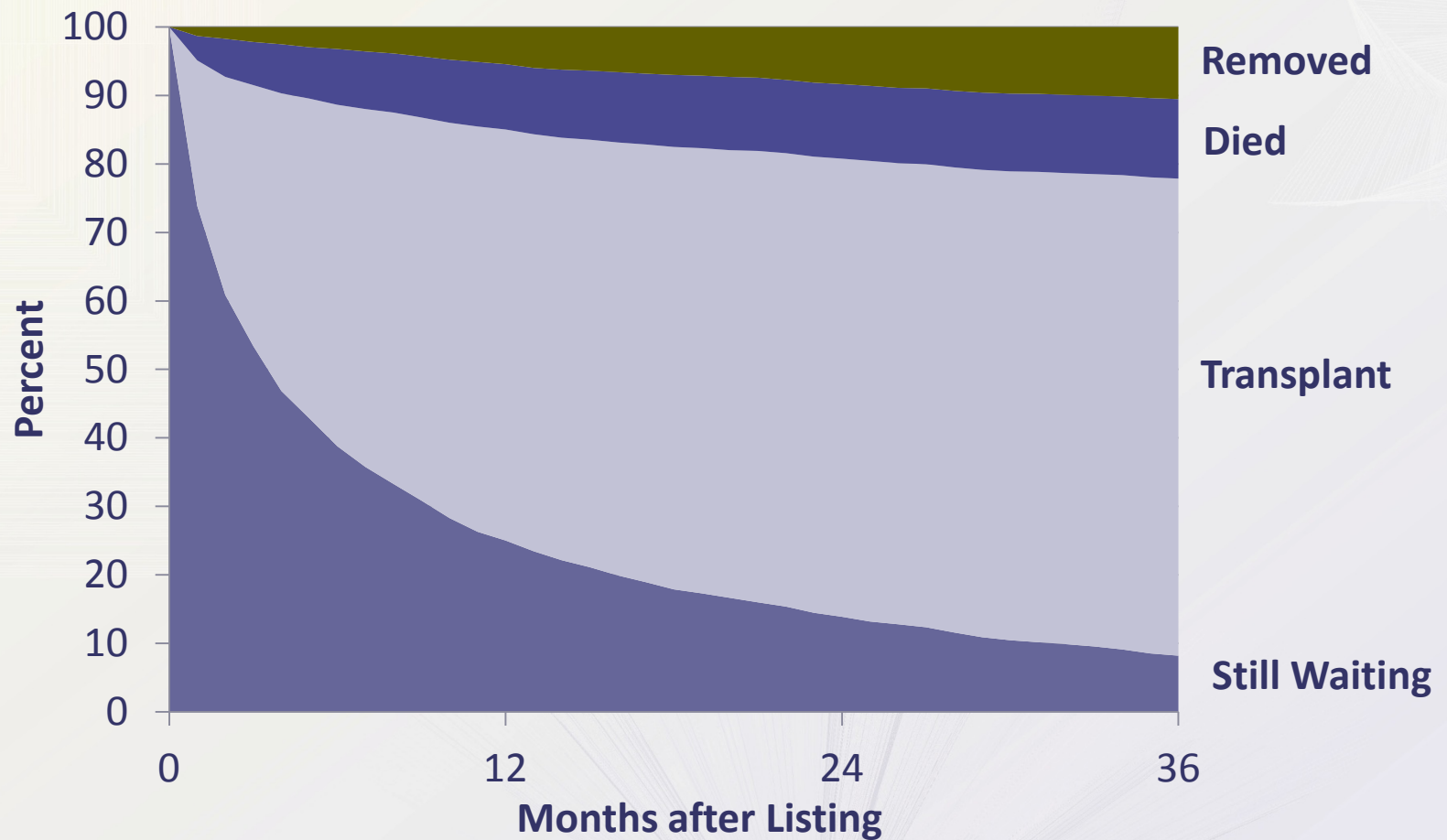
New listings



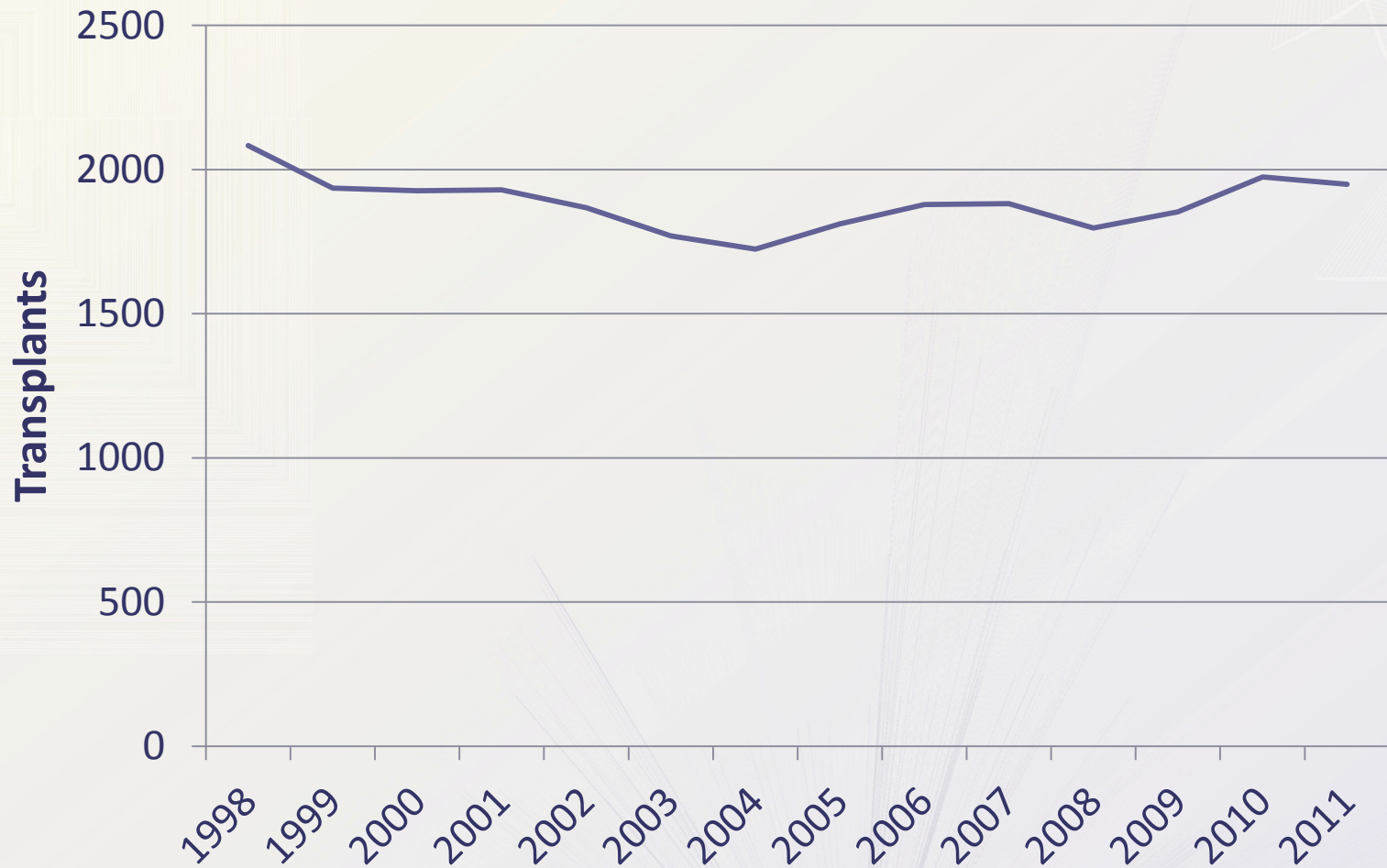
Waiting list on 12/31



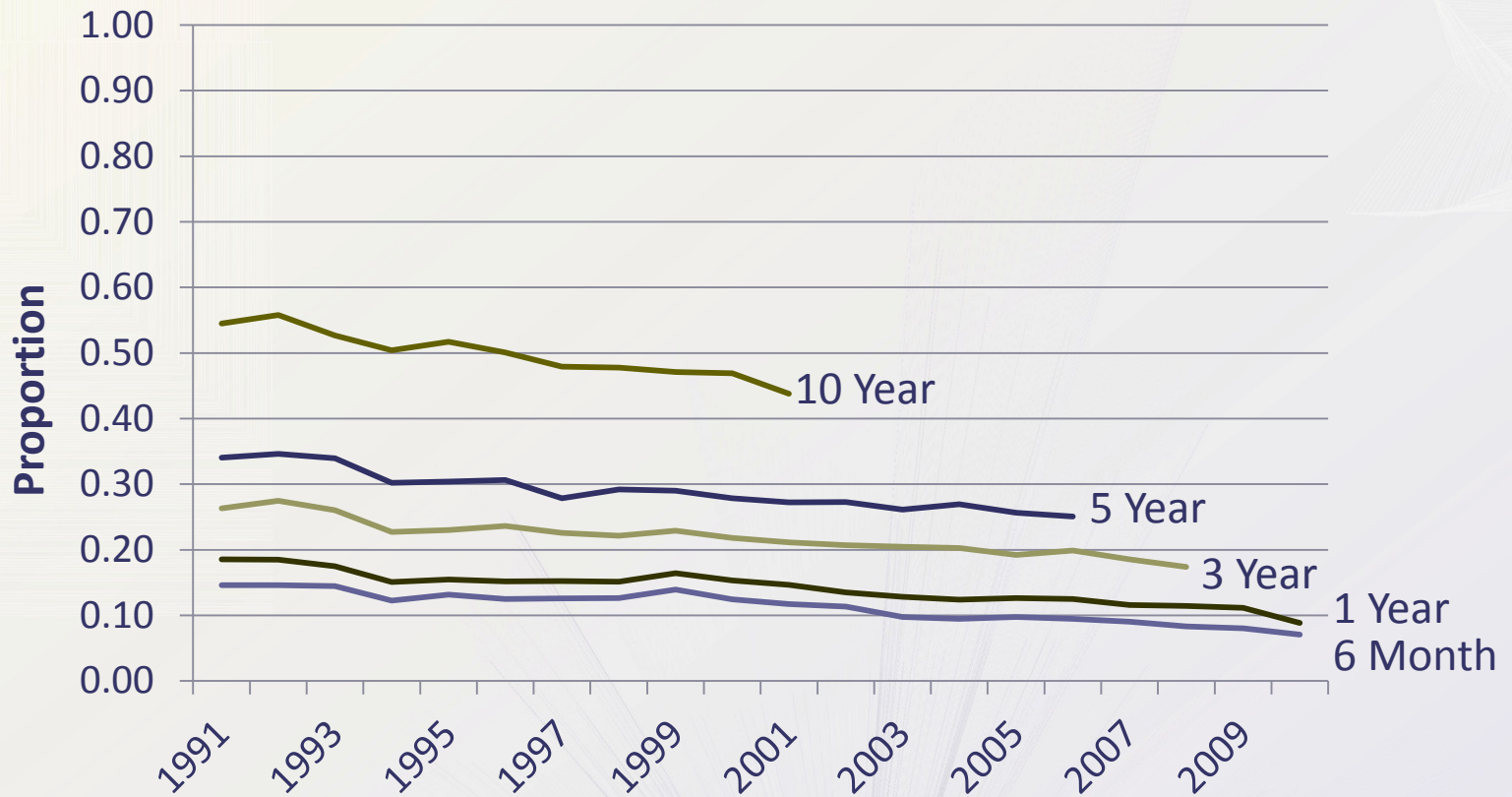
Outcomes for adult patients waiting for a heart transplant among new listings in 2008



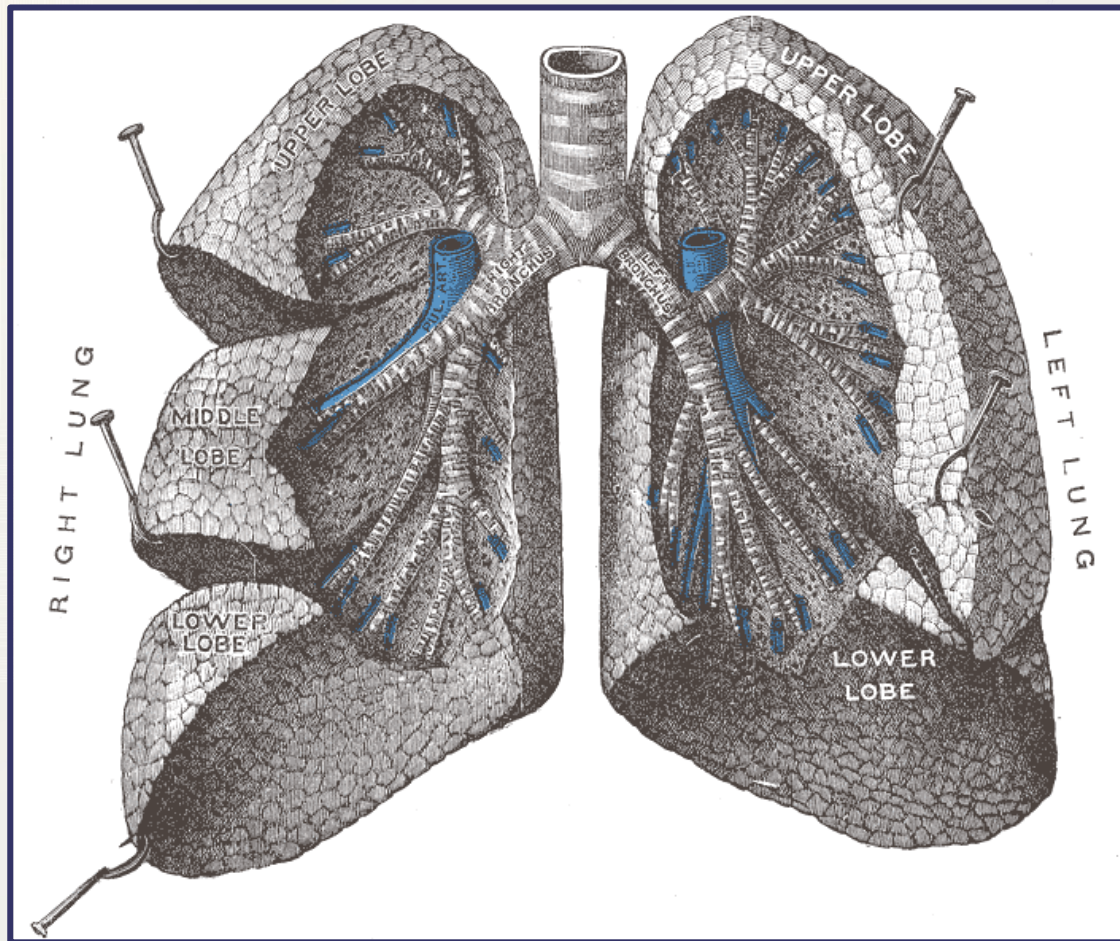
Adult heart transplant counts



Graft failure among adult heart transplant recipients

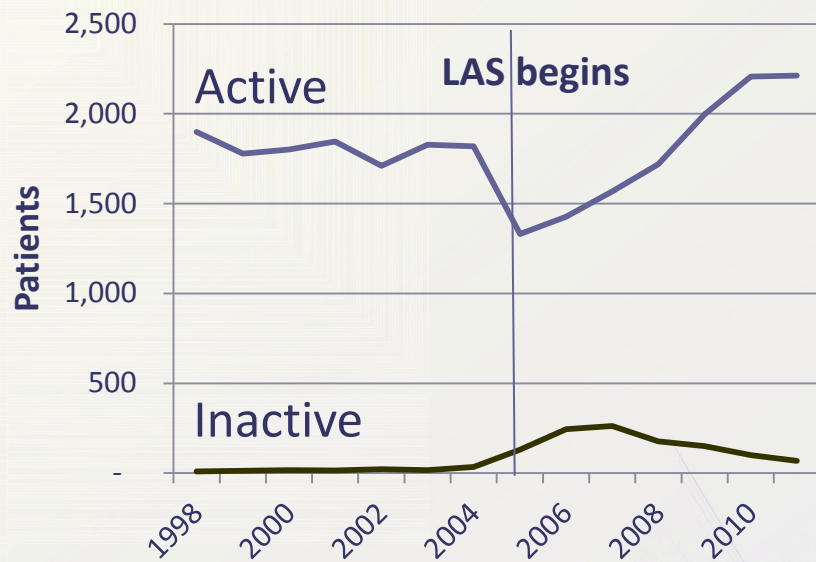


Lung

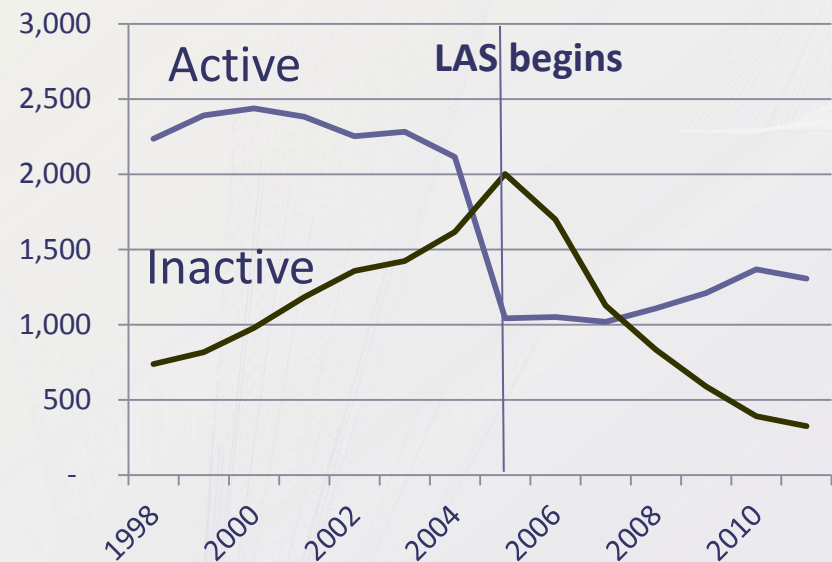


Adult patients waiting for a lung transplant

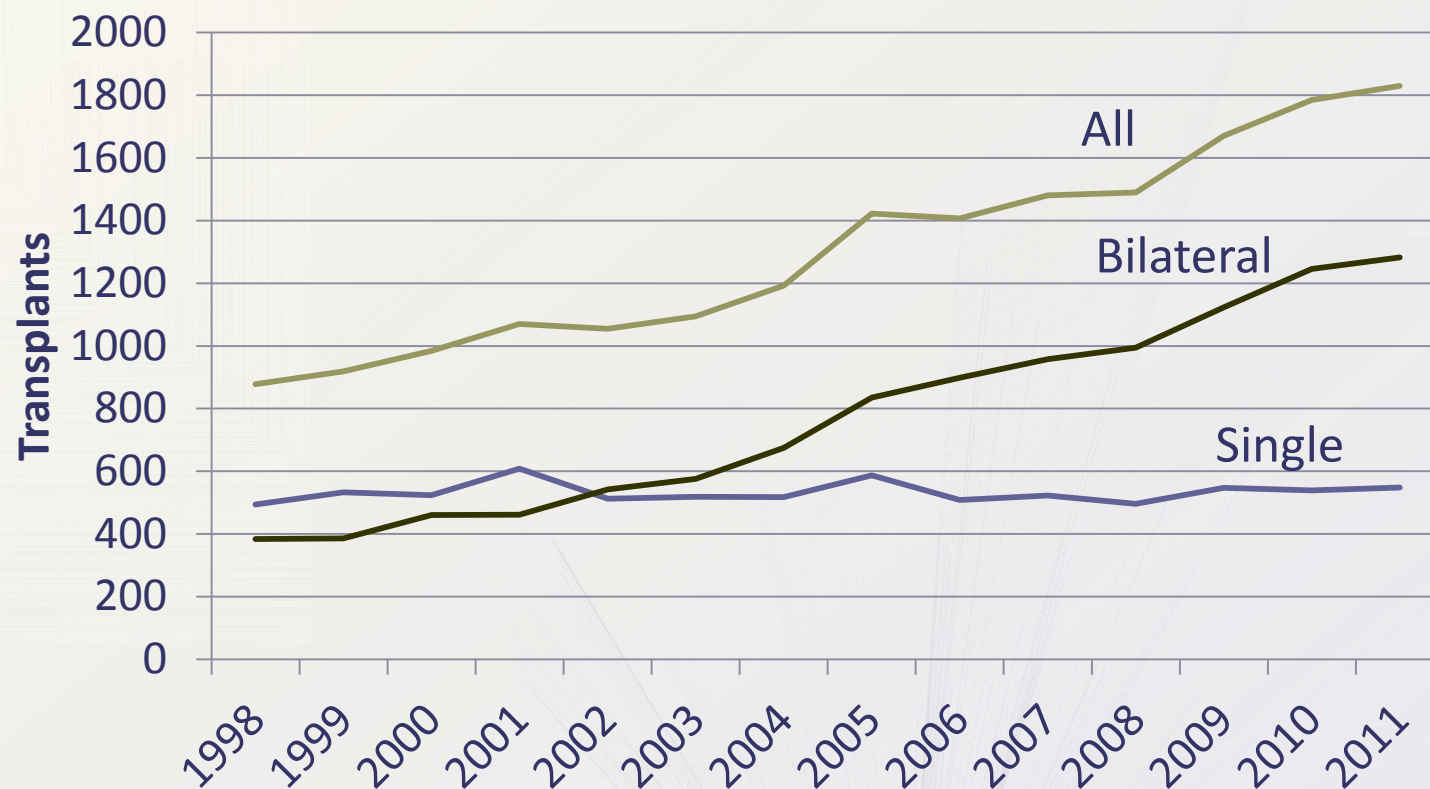
New listings



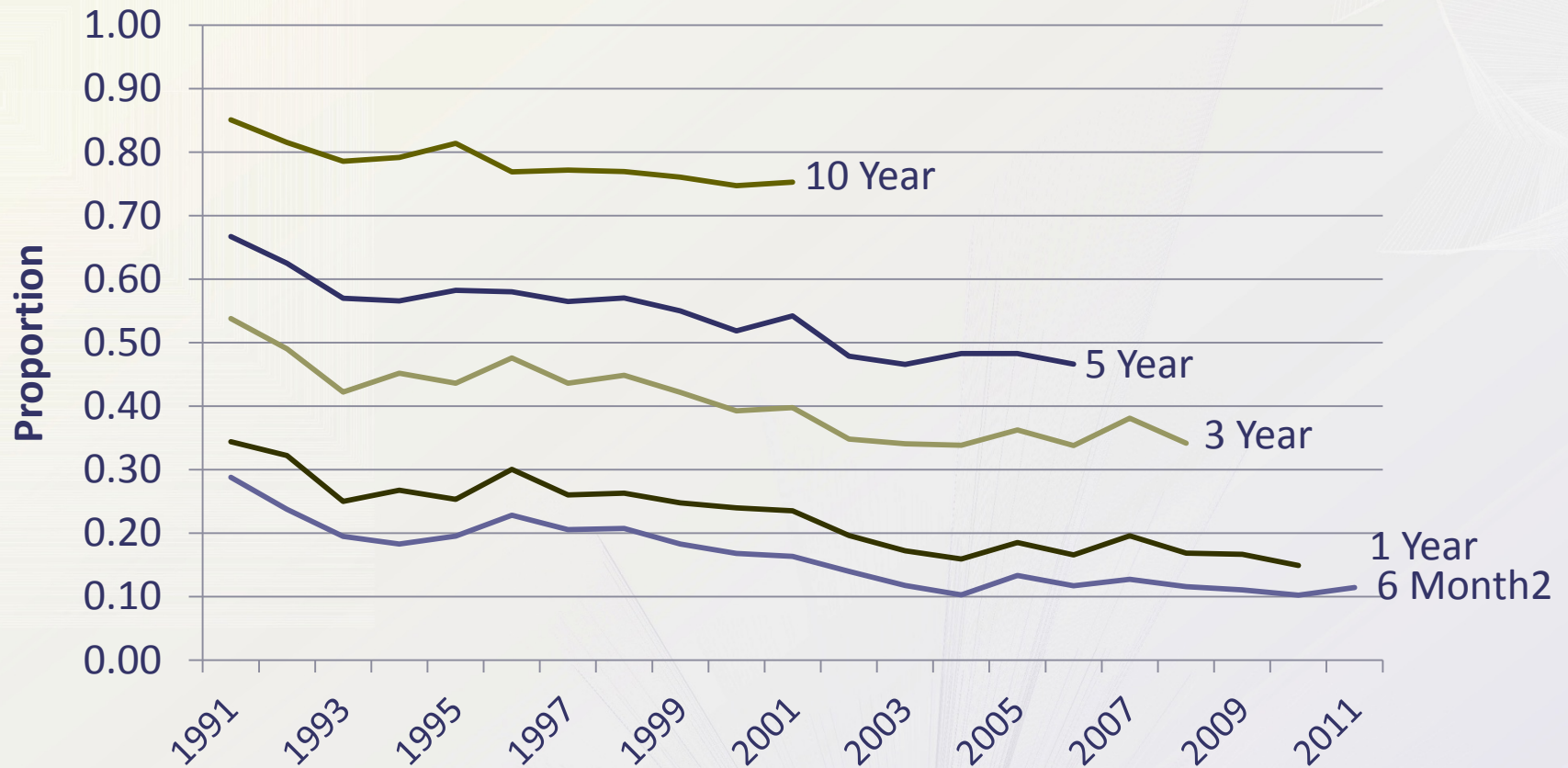
Waiting list on 12/31



Adult lung transplants (including heart-lung)



Graft failure among adult lung transplant recipients



Summary / highlights

- Kidney and liver transplant numbers have changed little in the past 5 years.
- Pancreas transplants have declined over 5 years.
- Heart transplants may have plateaued.
- Lung transplants continue to increase.
- There continues to be a shortage of kidneys, livers, hearts and lungs.

Questions?

