

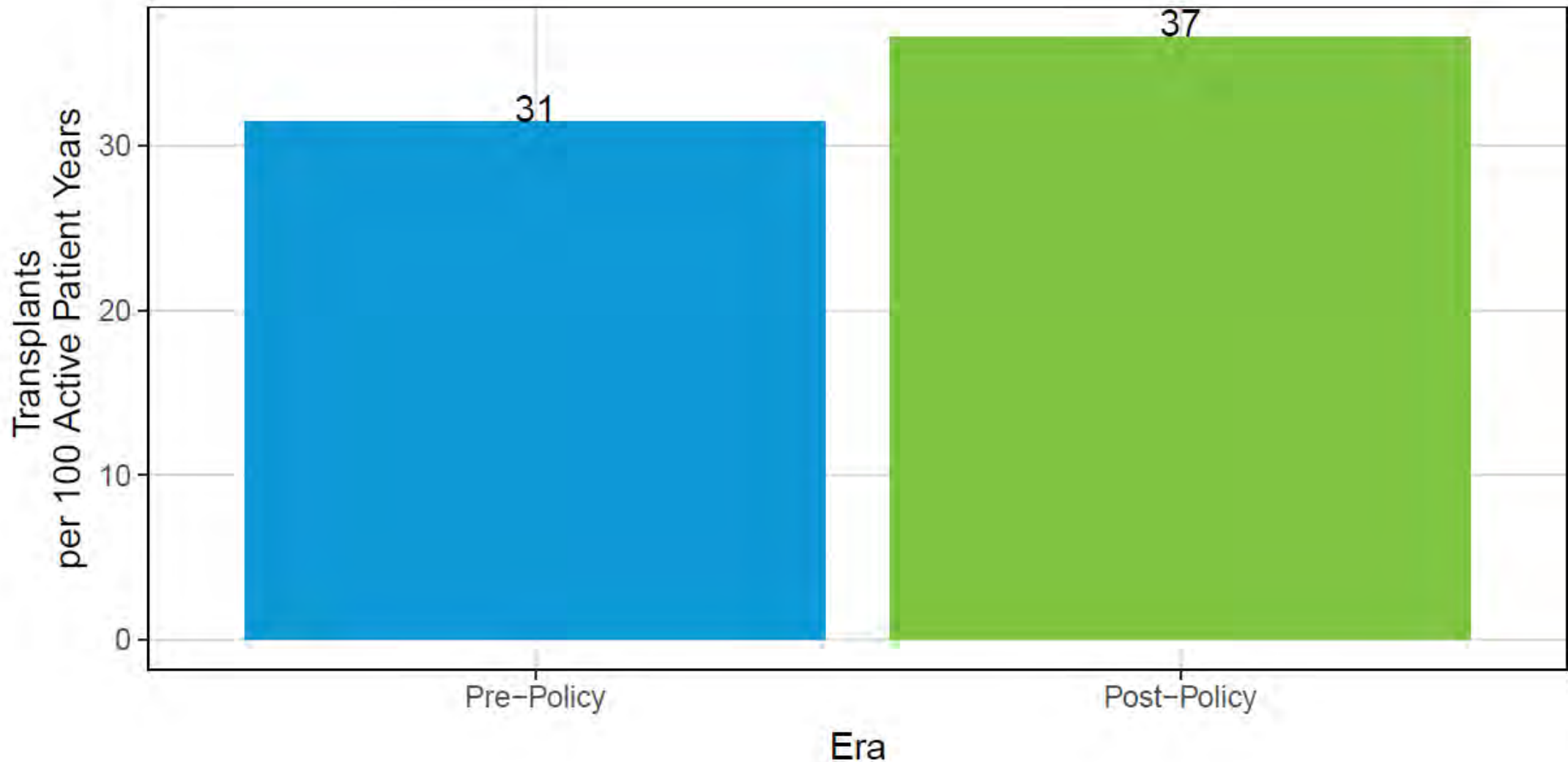
OPTN Kidney and Pancreas Transplantation Committees

Summer 2022

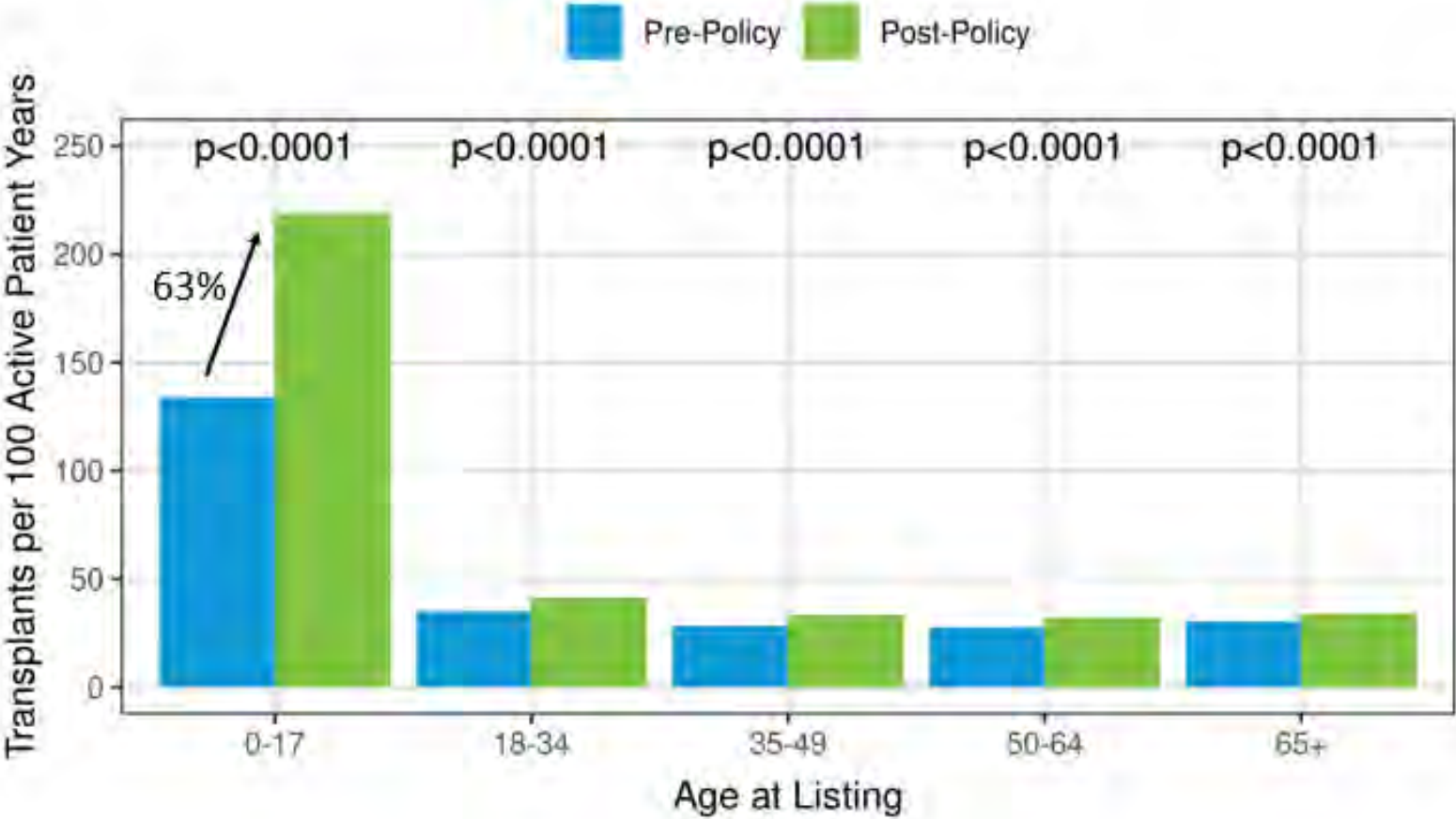
Eliminate Use of DSA in Kidney and Pancreas Allocation

- Implemented March 15, 2021
- 250 NM circle replaced DSA and region
- Proximity points assigned
 - Based on distance between listing center and donor hospital
- 1-year post-implementation reports for kidney and pancreas can be found on the OPTN website: <https://optn.transplant.hrsa.gov/resources/by-organ/kidney-pancreas/>

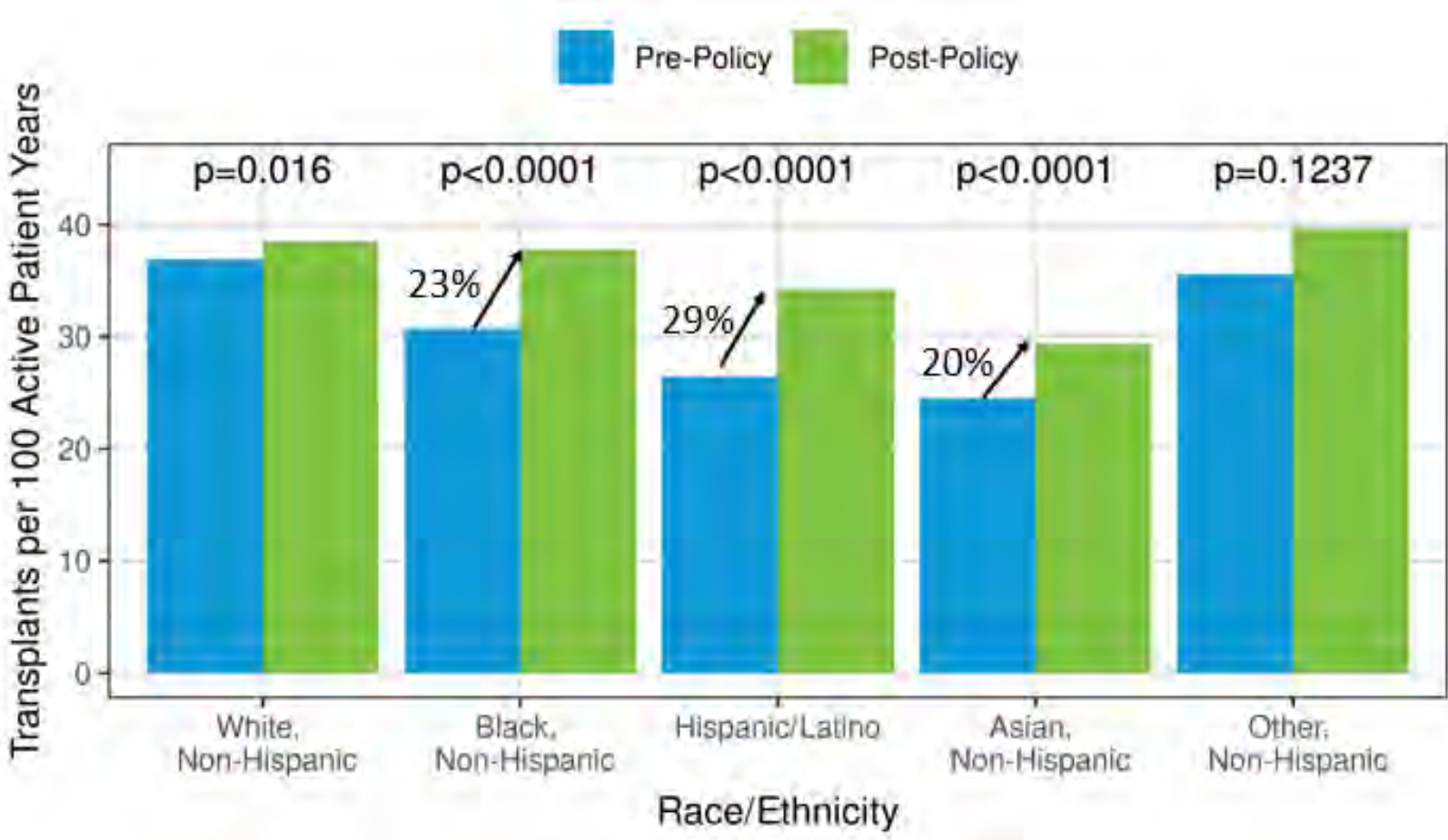
Deceased Donor Kidney Transplant Rates



Transplant Rate by Age at Listing and Policy Era



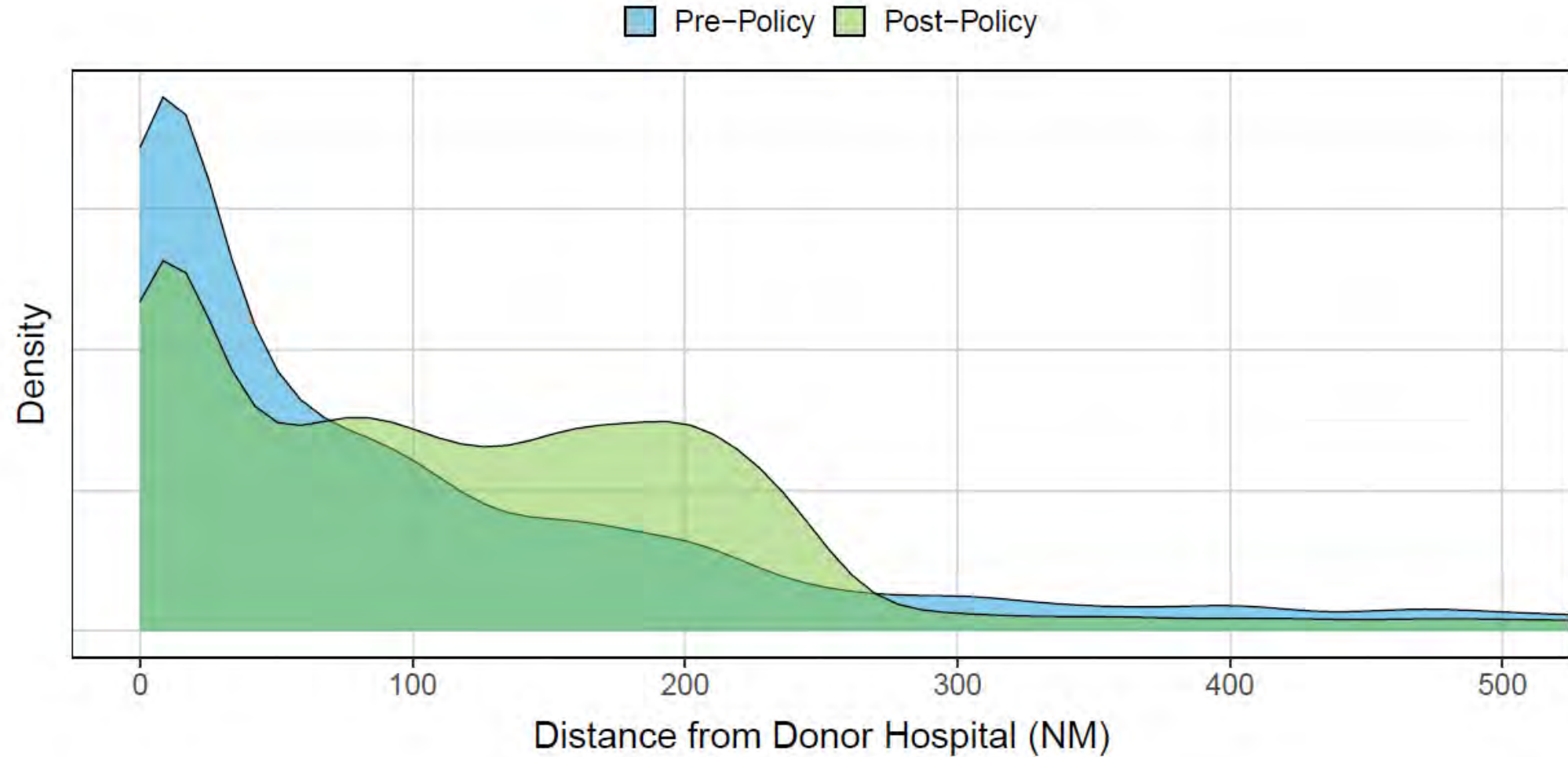
Transplant Rate by Race/Ethnicity and Policy Era



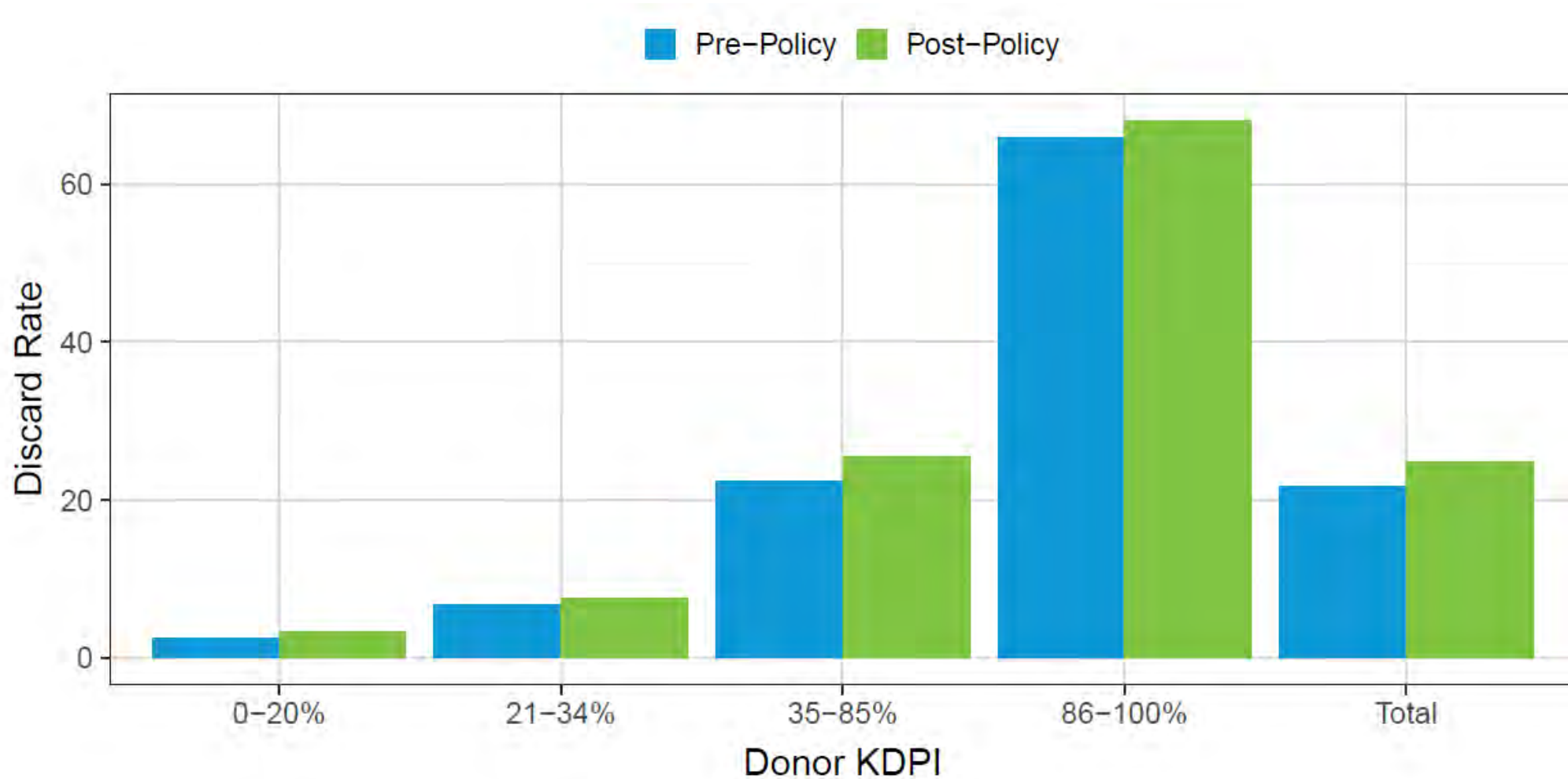
Transplant Rate by Dialysis Time at Listing and Policy Era



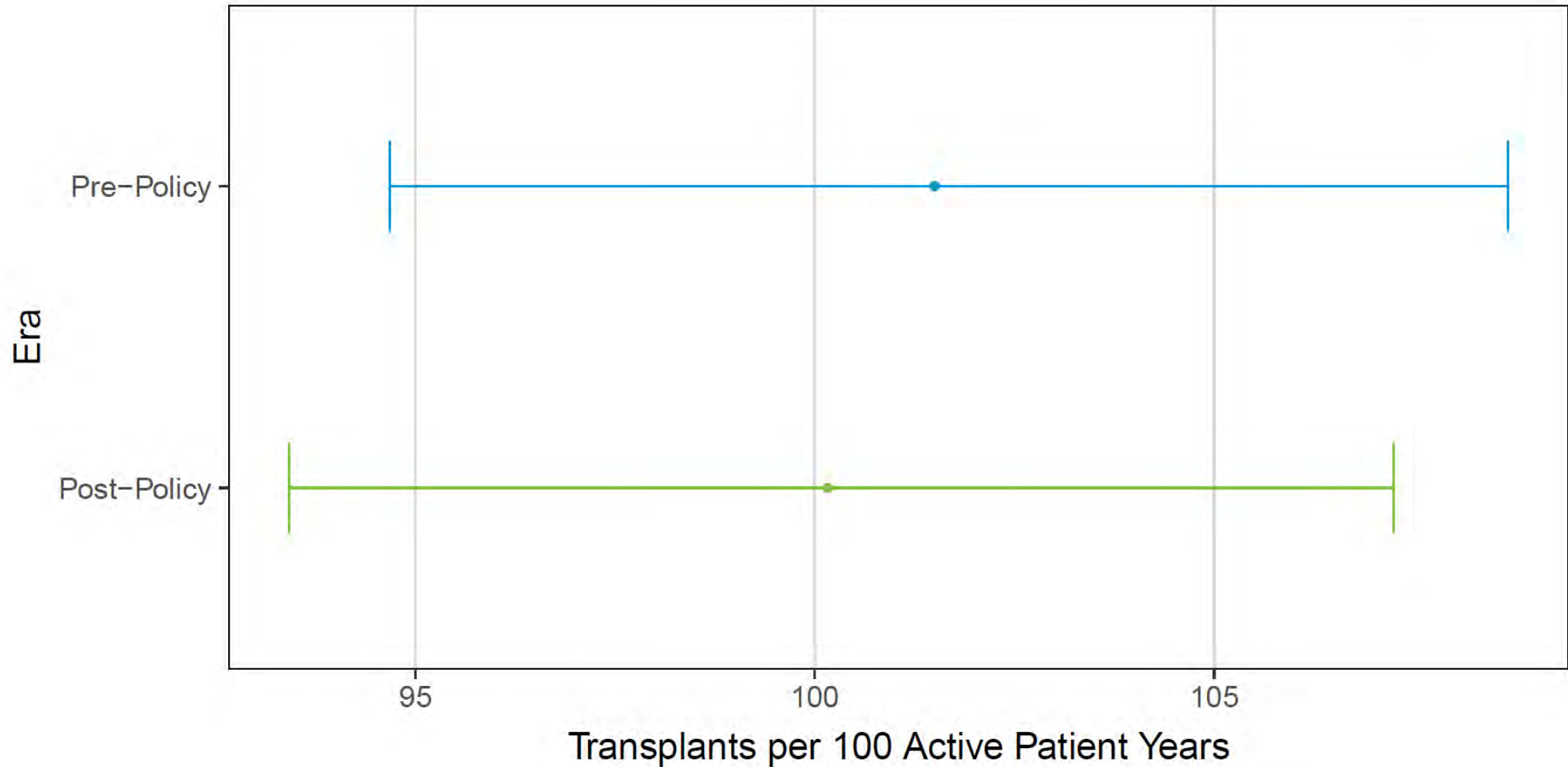
Distance from Donor Hospital for Deceased Donor Kidney Transplants



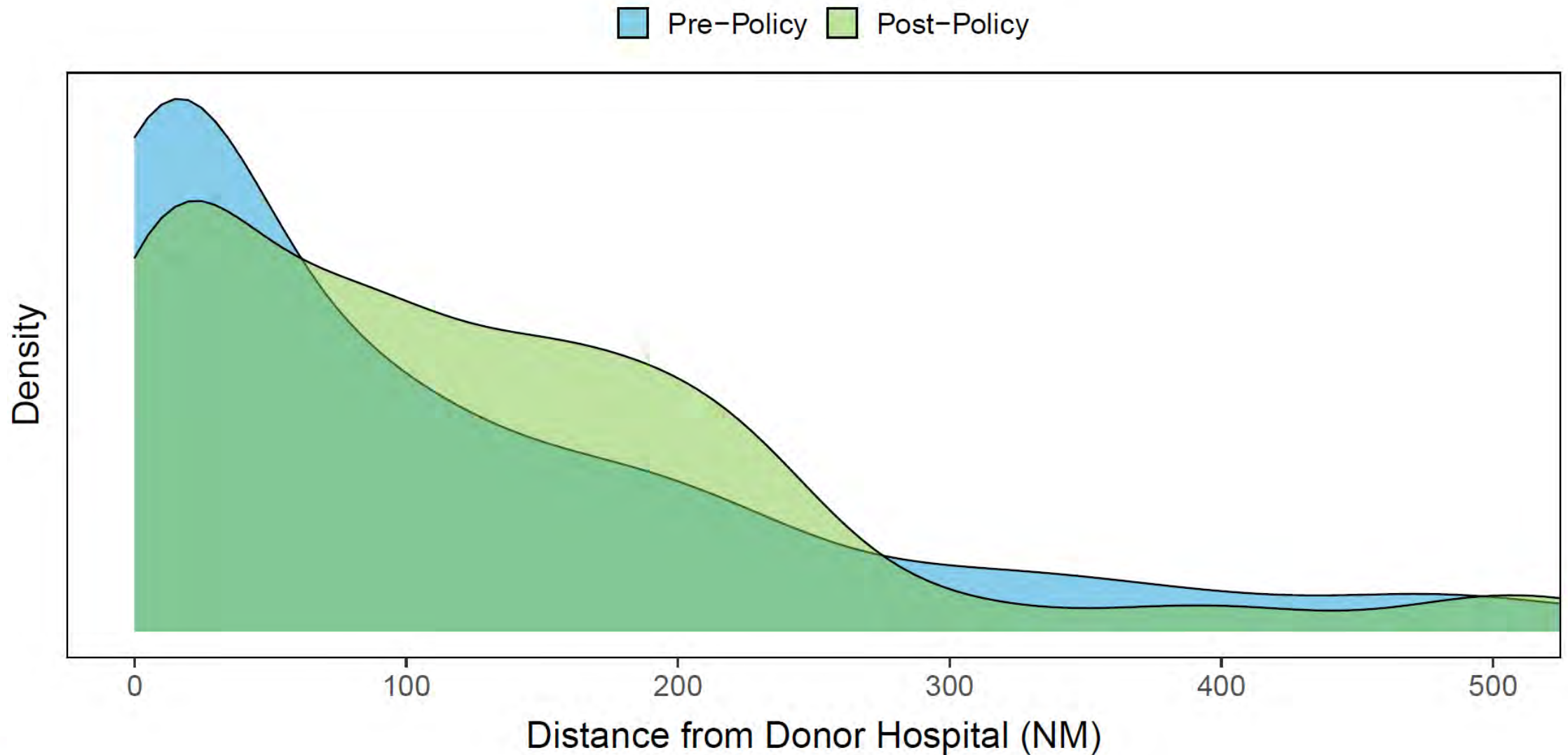
Discard Rate for Deceased Donor Kidneys



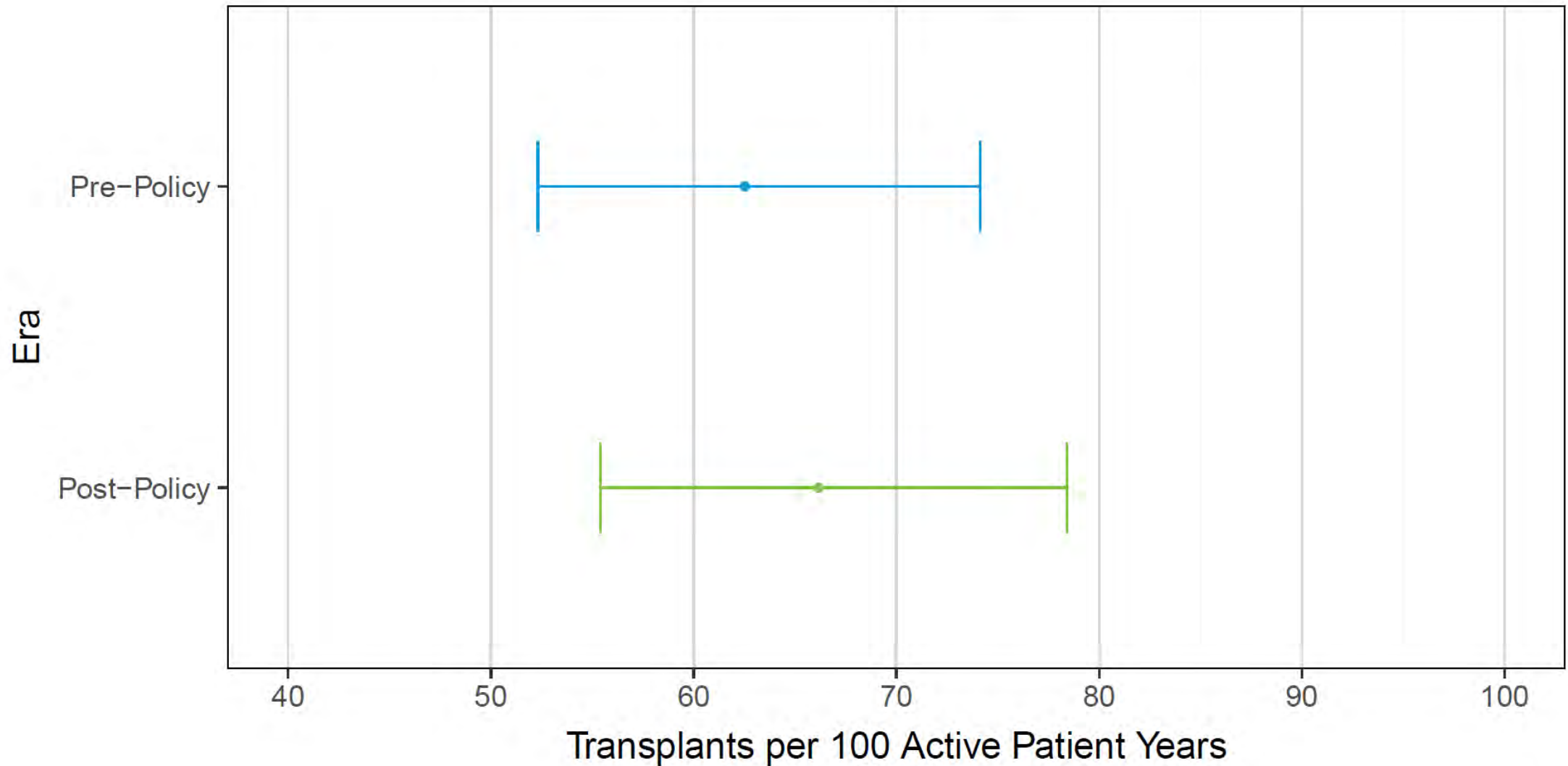
Kidney-Pancreas Transplant Rates by Policy Era



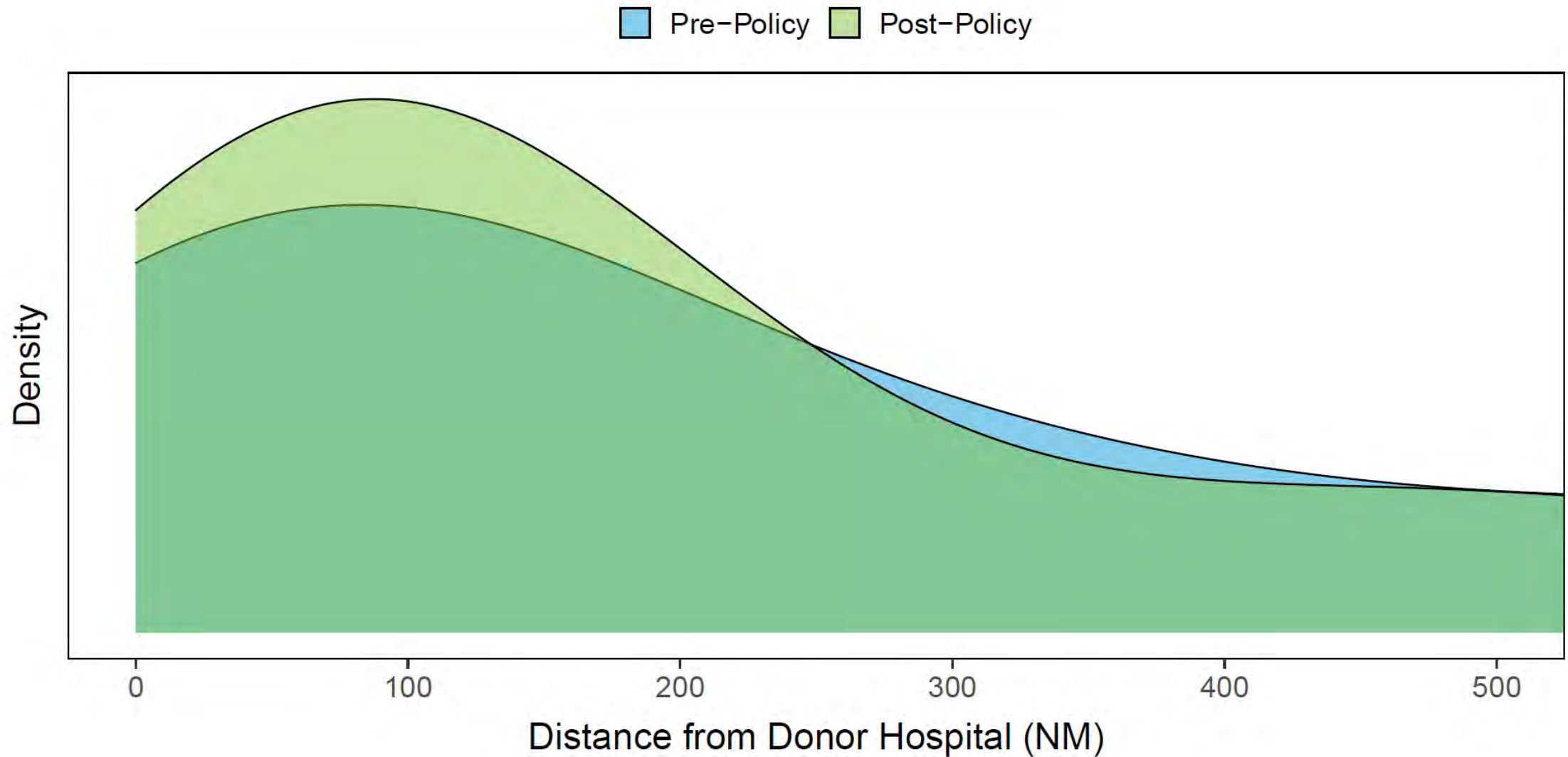
Distance from Donor Hospital for Kidney-Pancreas Transplants



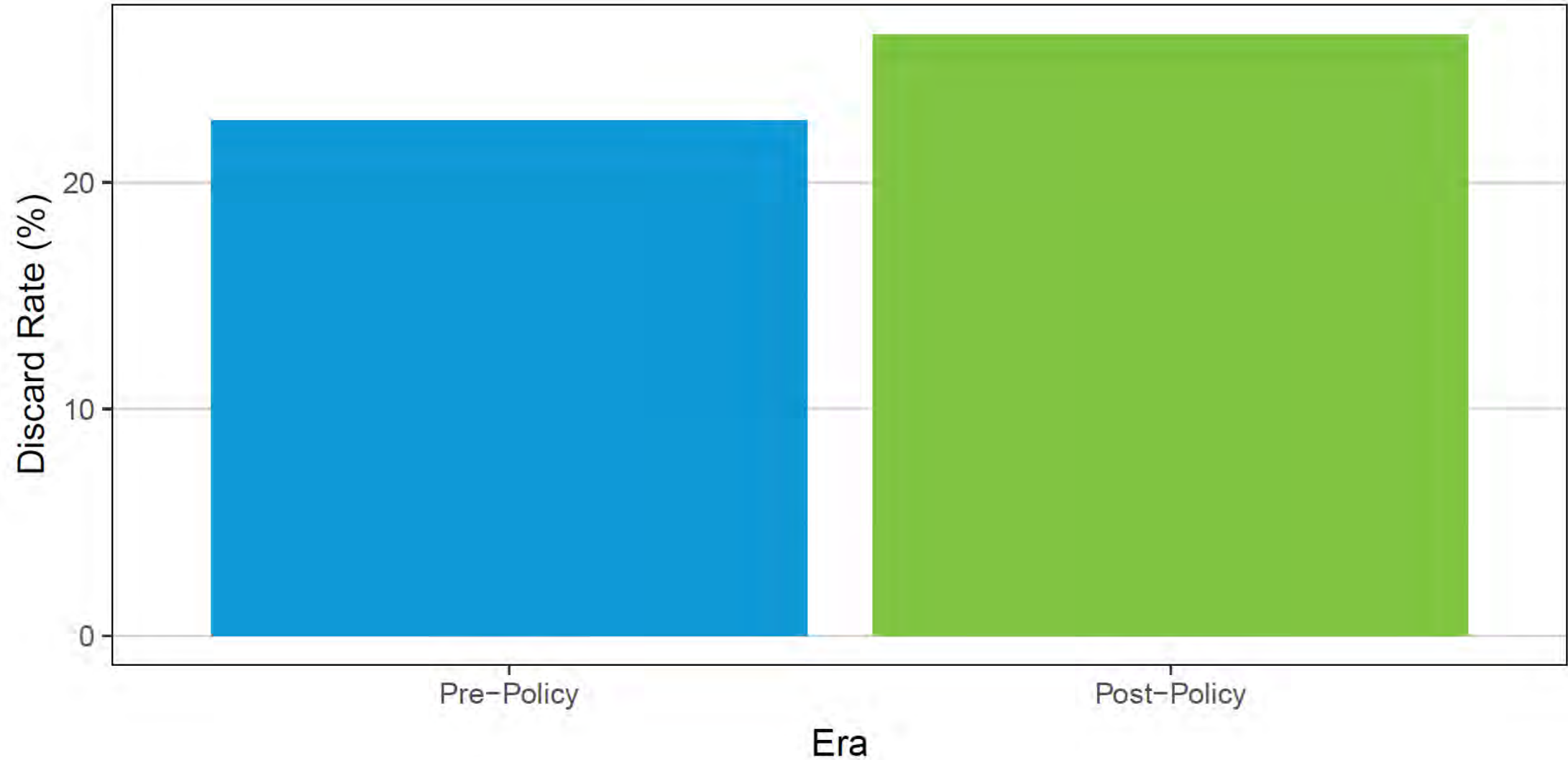
Pancreas Transplant Rates by Policy Era



Distance from Donor Hospital for Pancreas Transplants



Pancreas Discard Rates by Policy Era



Key Metrics - Kidney

- **Equity in access to transplant**
 - Transplant rates increased for all candidates on the waiting list
 - Increased transplant rates for:
 - Pediatric candidates
 - Black, Hispanic, and Asian candidates
 - Candidates with CPRA 80-97%
 - Candidates with long dialysis time
 - Changes in transplant rate varied across the country
- **Efficient allocation**
 - Deceased donor kidneys traveling farther
 - Most outside of DSA but inside 250NM
 - Increased CIT, rate of delayed graft function, and discard rates
 - Six month post-transplant patient and graft survival did not change

Key Metrics – Pancreas and KP

- Kidney-pancreas and pancreas transplant volumes remained stable.
- While more pancreata were allocated outside the donor hospital's DSA, the majority stayed within 250 NM.
- Overall pancreas discard rate increased from 22.7% to 26.5%.

Next Steps

- The Kidney and Pancreas Committees will continue to monitor the policy's impact
- Committees will consider impact as part of development of a continuous distribution framework

Feedback or Questions