

Organ Procurement and Transplantation Network (OPTN) Database on the OSDC

Christine Harvey

ceharvey@mitre.org

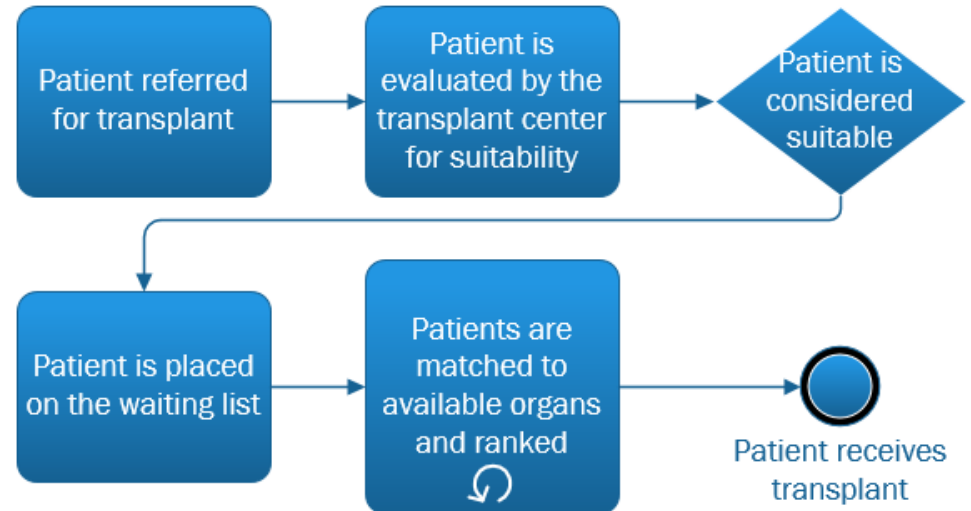
Rafael Suarez

rsuarez@uchicago.edu



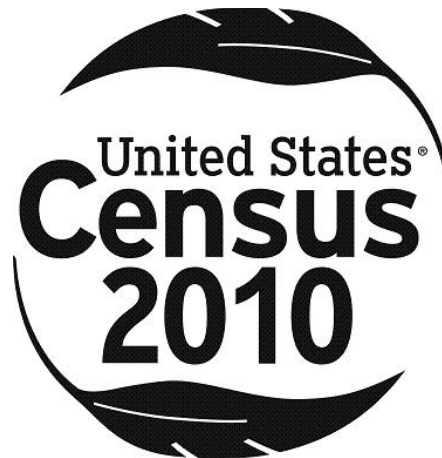
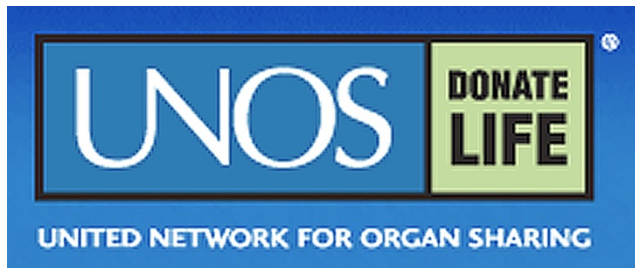
OPTN

- Collects and manages scientific data related to organ donations and transplants in the U.S.
- 118,000 people on the organ waiting list in the America
 - Comprehensive data on every registrant
 - Age
 - Sex
 - Ethnicity
 - Citizenship
 - Blood Type
 - Location
 - Reason for transplant



Current Work

- Addition of two databases to the OSDC
 - 2010 U.S. Census Data
 - Official Hospital Compare Database
- Contact with UNOS regarding accessing the database
 - Short research proposal in progress



Medicare.gov
The Official U.S. Government Site for Medicare

Research Questions

- Locations vs. quality of transplant process
 - Geographic factors: Wealth, overall area health, hospital rankings, household size, local industries...
 - Transplant factors: Length of waiting list, time waiting, transplants performed, transplant survival...
- Where do differences exist? Can we determine why? Can an improved awareness help the situation?
- Could improvements be made to the current transplant process to increase the number of transplants performed and/or improve the survival rates of transplanted patients?