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

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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 Americas
- 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
Future Work

- Continue efforts to make the OPTN data on the OSDC
- Determine needs to make the databases of interest collaborative
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?