

Supplemental Digital Content

SDC, Methods

A neighborhood Socioeconomic Status (SES) Index was computed from U.S. Census block-group linked by ZIP code at donation according to the Agency for Healthcare Research and Quality (AHRQ)(1) as = $50 + (0.11 * \text{median household income score}) + (-0.10 * \% \text{ below federal poverty line}) + (-0.08 * \% \text{ unemployed}) + (0.10 * \% \text{ college graduates}) + (-0.11 * \% \text{ education below 12th grade}) + (0.08 * \text{median property value score}) + (-0.07 * \% \text{ crowded households})$. Possible SES Index values range from 0 to 100, with higher values for the composite score representing higher SES levels. The individual SES measures included in the index are defined as follows:

SES Measure	Definition
Income score	Median household income, standardized to range from 0 to 100
Property value score	Median value of owner-occupied property values, standardized to range from 0 to 100
Below federal poverty line (%)	Percentage of persons below the federally defined poverty line
Unemployed (%)	Percentage of persons aged 16 years or older in the labor force who are unemployed (and actively seeking work)
College graduate (%)	Percentage of persons aged ≥ 25 years with at least 4 years of college
Education below 12th grade (%)	Percentage of persons aged ≥ 25 years with less than a 12th-grade education
Crowded household (%)	Percentage of households containing one or more person per room

ZIP code and corresponding Census block-group at donor nephrectomy were available for 3,385 living kidney donors in the study sample (72.8% of the sample) who donated in 1995 or later.

SES measures according to block-group for these donors were drawn from the 2000 U.S. Census.

Table S1. Demographic traits of the study sample of privately-insured living kidney donors and all living kidney donors recorded in the OPTN during the study period.*

	Privately-Insured Donors, 1987–2007 (N=4,650)	Living Donors in OPTN, 1987-2007 (N=86,107)
	Percentage	Percentage
Male gender	45.4%	42.2%
Race		
Caucasian	76.3%	70.9%
African American	13.1%	13.1%
Hispanic	8.2%	11.8%
Other	2.4%	4.3%
Related to recipient	81.2%	74.4%
	Mean ± SD	Mean ± SD
Age at donation (years)	37.2 ± 10.0	39.3 ± 10.9

*As previously described in: N Engl J Med, Lentine KL, Schnitzler MA, Xiao H, et al. Racial variation in medical outcomes among living kidney donors. Volume No 363, Page No. 724-732, Copyright © 2010. Massachusetts Medical Society (2). Reprinted with permission.

Table S2. Variation in socioeconomic status scores among living kidney donors in the study sample and all living kidney donors recorded in the OPTN with linked U.S. Census data, according to donor race / ethnicity.

Privately Insured Study sample Linked to Census, N= 3,385	All Races	Caucasians	African Americans	Hispanics
SES score, mean \pm SD	47.9 \pm 6.1	49.1 \pm 5.3	43.9 \pm 6.0 †	43.7 \pm 7.6 †
Sample of All Living Donors Linked to Census, N= 75,392	All Races	Caucasians	African Americans	Hispanics
SES score, mean \pm SD	47.2 \pm 6.4	48.6 \pm 5.4	44.0 \pm 6.6 †	42.7 \pm 7.5 †

† P<0.0001 for comparison to score in Caucasian donors

REFERENCES

1. Agency for Healthcare Research and Quality. Creating and Validating an Index of Socioeconomic Status. <http://www.ahrq.gov/qual/medicareindicators/medicareindicators3.htm> (Access date: October 6, 2014).
2. Lentine KL, Schnitzler MA, Xiao H, et al. Racial variation in medical outcomes among living kidney donors. N Engl J Med 2010; 363 (8): 724.