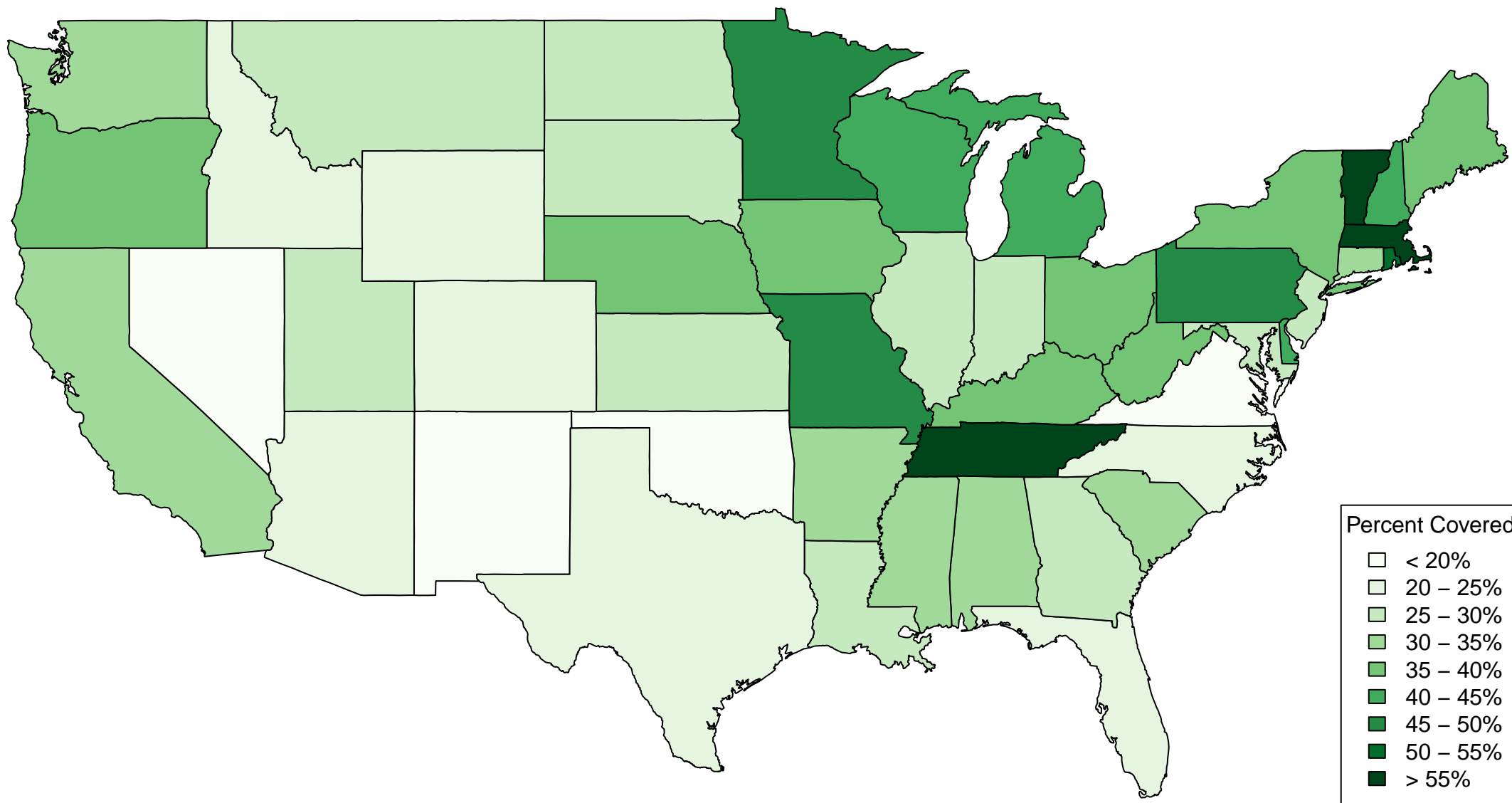


## **Appendix**

**Figure 1.** State Medicaid coverage among low-income non-elderly adults in 2000

**Figure 2.** Sample size for each outcome. Abbreviations: ESRD - end-stage renal disease, PD - peritoneal dialysis, HD - hemodialysis, AVF/AVG - arteriovenous fistula and arteriovenous graft.

## Medicaid Coverage in 2000



N= 421,305 between ages 20  
and 64 years who developed  
ESRD between January 1, 2001  
and December 31, 2008

Excluded 12,770 from Alaska, Hawaii,  
Puerto Rico, American Samoa, Guam,  
Virgin Islands and Washington D.C.

Primary analytic cohort  
N= 408,535

State-level analyses

ESRD incidence  
N= 408,535

Individual-level analyses  
restricted to persons with  
Medicaid, private  
insurance or no insurance

Nephrologist care  
N= 84,972

Transplant outcomes  
N= 310,331

PD vs. HD use  
N= 299,305

AVF/AVG vs.  
catheter  
N= 112,209

**Appendix Table 1.** Estimated difference in access to care associated with a 10 percentage points higher level of state Medicaid coverage among low-income non-elderly adults.

Pre-ESRD access to care	Median proportion	Estimated change for each 10 percentage points higher level of Medicaid coverage (95% confidence interval)
Nephrology care for 12 months before ESRD	16.2%	14.3% (9.2%, 19.3%)
Waitlisting within one year of ESRD	16.3%	7.6% (5.2%, 9.9%)
Transplantation within one year of ESRD	9.5%	4.4% (0.7%, 8.1%)
Peritoneal dialysis	10.5%	-2.7% (-5.8%, 0.3%)
Permanent vascular access	27.1%	13.9% (8.0%, 19.7%)

*Abbreviation: ESRD – end-stage renal disease. Models are adjusted for state age, gender and race distribution, in addition to fixed effects for calendar year and state.*

**Appendix Table 2.** Predicted probability of each access to care outcome for 50 year old hypertensive white female with ESRD in 2005.

Access to care indicator	State Medicaid Coverage		
	Low	Intermediate	High
	New Hampshire (17.1%)	New Mexico (28.5%)	Vermont (58.3%)
Nephrology care for 12 months before ESRD (%)			
Private	40.8%	40.0%	50.4%
Medicaid	27.7%	28.3%	37.8%
Uninsured	17.3%	17.2%	23.5%
Medicaid Access Gap	13.1%	11.7%	12.6%
Uninsured Access Gap	23.4%	22.8%	26.9%
	Nevada (17.3%)	Washington (32.3%)	Maine (63.2%)
Waitlisting within one year of ESRD (%)			
Private	39.3%	42.0%	44.1%
Medicaid	13.1%	16.7%	25.6%
Uninsured	12.8%	14.0%	15.9%
Medicaid Access Gap	26.2%	25.3%	18.6%
Uninsured Access Gap	26.5%	28.0%	28.2%
	Virginia (20.6%)	Indiana (31.5%)	Tennessee (49.9%)
Transplantation within one year of ESRD (%)			
Private	27.5%	28.5%	24.0%
Medicaid	5.8%	6.8%	6.5%
Uninsured	3.7%	4.7%	4.4%
Medicaid Access Gap	21.7%	21.7%	17.5%
Uninsured Access Gap	23.8%	23.8%	19.6%
	Virginia (20.6%)	Iowa (32.6%)	Maine (63.2%)
Peritoneal dialysis (%)			
Private	19.9%	17.8%	17.3%
Medicaid	6.6%	6.4%	7.8%
Uninsured	10.4%	8.2%	7.0%
Medicaid Access Gap	13.3%	11.4%	9.5%
Uninsured Access Gap	9.5%	9.6%	10.3%
	Texas (17.7%)	Indiana (31.5%)	Vermont (58.3%)
Permanent vascular access (%)			
Private	22.4%	21.2%	22.8%
Medicaid	19.8%	18.9%	20.9%
Uninsured	10.9%	11.5%	13.9%
Medicaid Access Gap	2.6%	2.3%	1.9%
Uninsured Access Gap	11.6%	9.7%	8.9%

