Table S1. Cause-specific hazard ratios of time to first AVF use (with follow-up through the end of 2014).

	Hazard Ratio	95% Confidence Interval	
		Lower Bound	Upper Bound
Age			
0-21	1.11	0.95	1.30
22-44	1.06	1.02	1.10
45-64	Ref.		
65-74	0.93	0.90	0.95
75+	0.89	0.86	0.92
Race			
Native American	1.18	1.06	1.31
Asian	1.14	1.07	1.21
White	Ref.		
Black	0.88	0.85	0.90
Other/Unknown	1.02	0.73	1.44
Sex			
Female	0.74	0.72	0.76
Male	Ref.		
Comorbidities present at incidence			
Cardiovascular disease	0.95	0.92	0.97
Peripheral arterial disease	0.90	0.87	0.94
Hypertension	1.08	1.04	1.12
Diabetes*	0.94	0.92	0.97
Tobacco use	0.99	0.94	1.04
Drug/alcohol use	0.92	0.84	1.01
Needs assistance (inc. being unable to ambulate/transfer)	0.90	0.87	0.94
Institutionalized	0.90	0.86	0.95
Dialysis vintage (time on dialysis)			
< 1 year	Ref.		
1 – <2 years	0.89	0.85	0.93
2 - <3 years	0.91	0.86	0.96
3 - <6 years	0.87	0.83	0.91
6+ years	0.86	0.82	0.90
Vascular access type at incidence			
AV Fistula	1.33	1.25	1.41
AV Graft	0.79	0.71	0.87
Catheter with maturing fistula	1.07	1.04	1.11
Catheter with maturing graft	0.74	0.66	0.83
Catheter only	Ref.		
Other/Unknown	0.97	0.93	1.02
ESRD Network			
11	1.17	1.12	1.22
16	1.08	1.01	1.16
18	1.06	1.02	1.11
17	1.05	1.00	1.11
6	1.04	1.00	1.08
15	1.04	0.99	1.10
14	1.03	0.99	1.07
8	1.01	0.96	1.05
7	1.00	0.95	1.05
1	0.99	0.93	1.05
5	0.99	0.94	1.03
2	0.97	0.92	1.02
12	0.97	0.91	1.02
13	0.97	0.92	1.02
4	0.95	0.89	1.00
10	0.95	0.90	1.01
3	0.89	0.84	0.95
9	0.89	0.85	0.93

*Includes diabetes as cause of ESRD. The hazard ratios for each network are relative to the mean effect of all networks (i.e., national average). A hazard ratio greater than 1.0 indicates higher chance of AVF maturation (i.e., the desirable outcome), and vice versa. Model is adjusted for all factors listed in table.