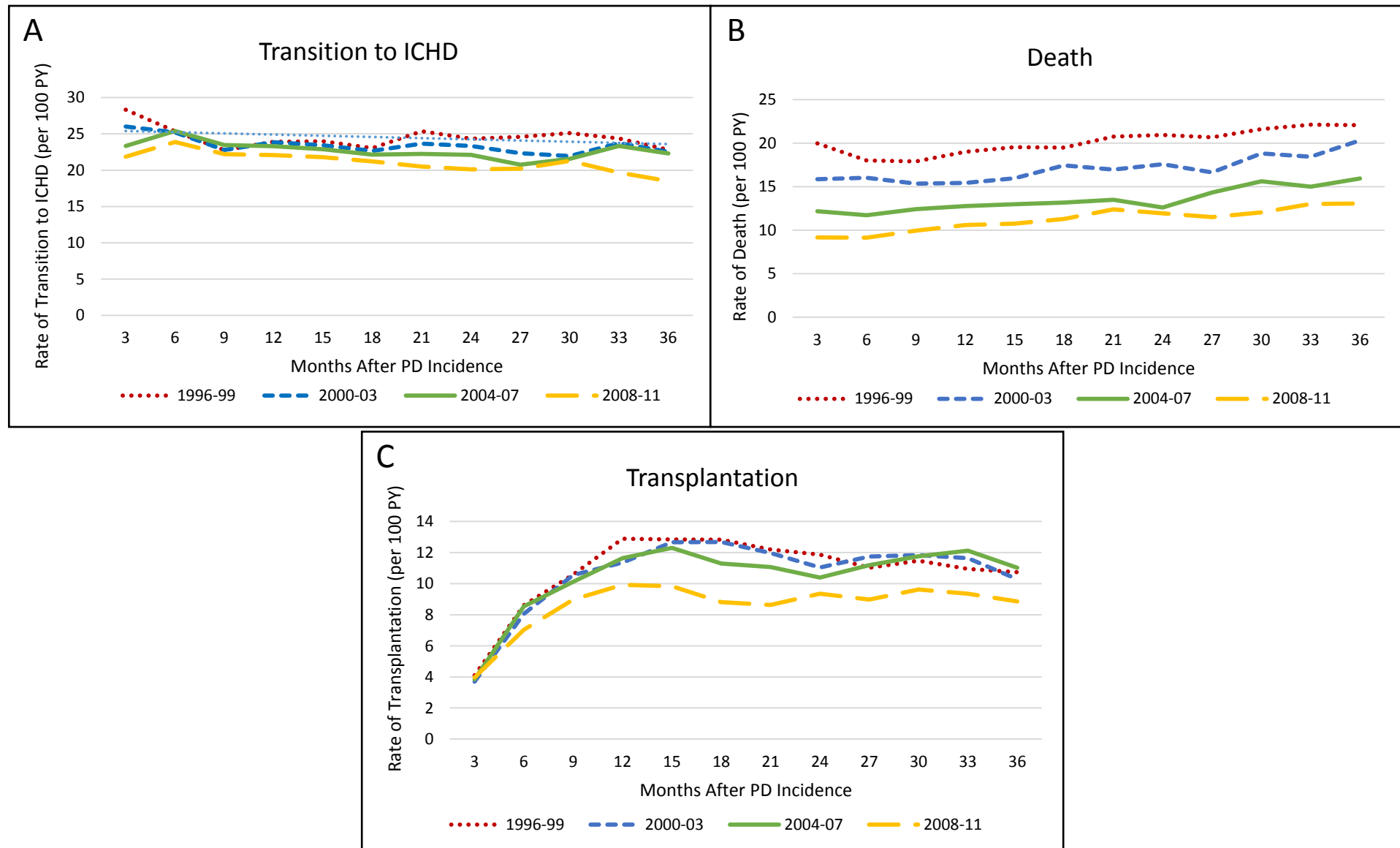


**Figure S1a-c.** Crude rates of: (a) Transition to in-center HD, (b) Death, and (c) Transplantation, by months on PD, for grouped incident PD patient cohorts (1996-2011).



**Table S1.** Hazard ratios for (a) transition to ICHD, (b) death, and (c) transplant by patient- and facility-level variables, among incident PD patients.

		Transition to ICHD		Death		Transplant		
Covariates		Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI	
<b>Cohort Year</b>	(ref: 1996-1999)	2000-2003	0.95	(0.93,0.97)	0.86	(0.83,0.88)	0.97	(0.94,1.01)
		2004-2007	0.92	(0.89,0.95)	0.65	(0.63,0.68)	1.00	(0.96,1.05)
		2008-2011	0.85	(0.82,0.87)	0.53	(0.51,0.55)	0.88	(0.84,0.92)
<b>Age (years)</b>	(ref: 45-64)	0-21	0.80	(0.76,0.84)	0.52	(0.48,0.57)	3.16	(3.02,3.30)
		22-44	1.00	(0.98,1.03)	0.51	(0.48,0.53)	1.73	(1.68,1.78)
		65-74	1.10	(1.08,1.12)	1.77	(1.73,1.81)	0.39	(0.36,0.41)
		≥75	1.21	(1.18,1.25)	2.97	(2.89,3.06)	0.06	(0.05,0.07)
<b>Sex</b>	(ref: Male)	Female	0.99	(0.97,1.01)	1.09	(1.07,1.12)	0.85	(0.83,0.87)
<b>Race</b>	(ref: White)	African American	1.16	(1.13,1.18)	0.76	(0.74,0.78)	0.42	(0.40,0.43)
		Asian	0.68	(0.65,0.71)	0.55	(0.51,0.59)	0.70	(0.66,0.74)
		Other	0.92	(0.88,0.96)	0.86	(0.82,0.91)	0.66	(0.62,0.70)
		Unknown/Missing	0.95	(0.82,1.10)	2.71	(2.35,3.11)	0.48	(0.38,0.61)
<b>Ethnicity</b>	(ref: Non-Hispanic)	Hispanic	0.97	(0.95,1.00)	0.74	(0.71,0.77)	0.61	(0.58,0.64)
<b>Comorbidities</b>	(ref: Without respective comorbidity)	Cardiovascular disease*	1.00	(0.98,1.02)	1.26	(1.23,1.29)	0.74	(0.71,0.77)
		CHF	1.09	(1.07,1.11)	1.63	(1.60,1.67)	0.55	(0.52,0.58)
		COPD	1.08	(1.04,1.13)	1.35	(1.30,1.40)	0.61	(0.54,0.68)
		CVA/TIA	1.05	(1.02,1.09)	1.25	(1.21,1.30)	0.66	(0.60,0.72)
		PVD	1.01	(0.98,1.04)	1.18	(1.14,1.21)	0.63	(0.59,0.68)
		Hypertension	1.01	(0.98,1.03)	0.71	(0.69,0.73)	1.06	(1.02,1.09)
		Diabetes	1.19	(1.15,1.24)	1.44	(1.38,1.51)	0.76	(0.70,0.83)
		Cancer	1.06	(1.01,1.10)	1.27	(1.22,1.32)	0.54	(0.49,0.60)
		Tobacco use	1.12	(1.09,1.16)	1.06	(1.01,1.10)	0.60	(0.56,0.64)
		Alcohol/Drug dependence	1.30	(1.21,1.40)	1.41	(1.26,1.57)	0.48	(0.40,0.59)
		Immobility**	1.18	(1.10,1.26)	2.46	(2.32,2.61)	0.47	(0.39,0.55)
<b>Cause of ESRD</b>	(ref: Diabetes)	Hypertension	0.96	(0.92,1.00)	1.10	(1.05,1.16)	0.79	(0.73,0.86)
		Glomerular Disease	0.92	(0.88,0.96)	0.72	(0.68,0.76)	1.18	(1.09,1.29)

		Other	0.96	(0.92,1.01)	1.13	(1.07,1.19)	1.12	(1.02,1.22)
		Unknown/Missing	0.94	(0.89,1.00)	1.07	(0.99,1.14)	1.04	(0.94,1.15)
<b>PD program size</b>	(ref: ≥25 PD patients)	≤6 PD patients	1.36	(1.32,1.40)	1.07	(1.03,1.11)	1.00	(0.96,1.05)
		7-12 PD patients	1.21	(1.18,1.24)	1.04	(1.00,1.07)	1.03	(0.99,1.07)
		13-24 PD patients	1.11	(1.09,1.13)	0.99	(0.96,1.02)	1.01	(0.98,1.04)
<b>Facility Ownership</b>	(ref: LDO)	Hospital-Based	0.96	(0.93,0.99)	0.99	(0.95,1.02)	1.04	(1.00,1.09)
		Independent	1.03	(1.00,1.06)	0.99	(0.96,1.03)	1.07	(1.02,1.11)
		OTHDO	1.02	(0.99,1.06)	0.97	(0.92,1.01)	1.10	(1.04,1.16)
<b>Facility Network</b>	(ref: NET_01)	NET_02	1.12	(1.06,1.18)	1.01	(0.95,1.08)	0.91	(0.83,0.99)
		NET_03	1.20	(1.13,1.27)	1.09	(1.01,1.17)	1.12	(1.01,1.23)
		NET_04	1.01	(0.95,1.07)	1.07	(1.00,1.15)	1.23	(1.13,1.34)
		NET_05	0.99	(0.94,1.05)	1.10	(1.03,1.17)	1.06	(0.98,1.15)
		NET_06	1.18	(1.13,1.24)	1.02	(0.96,1.08)	0.96	(0.89,1.04)
		NET_07	1.17	(1.11,1.23)	0.98	(0.91,1.04)	1.05	(0.97,1.14)
		NET_08	1.18	(1.12,1.24)	1.13	(1.06,1.20)	0.93	(0.86,1.01)
		NET_09	1.04	(1.00,1.10)	1.10	(1.04,1.16)	1.05	(0.98,1.13)
		NET_10	0.96	(0.90,1.01)	1.11	(1.04,1.18)	1.14	(1.05,1.24)
		NET_11	1.13	(1.08,1.19)	1.07	(1.01,1.13)	1.26	(1.17,1.36)
		NET_12	1.12	(1.06,1.18)	1.02	(0.96,1.09)	0.95	(0.87,1.04)
		NET_13	1.17	(1.11,1.23)	1.05	(0.99,1.13)	0.96	(0.88,1.04)
		NET_14	1.16	(1.10,1.22)	1.05	(0.98,1.11)	0.82	(0.75,0.88)
		NET_15	1.12	(1.06,1.18)	0.90	(0.84,0.96)	0.95	(0.87,1.03)
		NET_16	1.22	(1.15,1.29)	0.87	(0.81,0.94)	1.08	(0.99,1.17)
		NET_17	0.94	(0.89,1.00)	0.96	(0.89,1.02)	0.74	(0.68,0.81)
		NET_18	0.98	(0.93,1.03)	0.96	(0.90,1.02)	0.68	(0.63,0.74)
<b>Facility Location</b>	(ref: Urban)	Rural	0.98	(0.96,1.00)	1.05	(1.02,1.08)	0.91	(0.87,0.94)

Footnote: CHF=congestive heart failure; COPD=chronic obstructive pulmonary disease; CVA/TIA=cerebrovascular accident/transient ischemic attack; PVD=peripheral vascular disease; OTHDO=other dialysis organization; NET=network

\*Cardiovascular disease = atherosclerotic heart disease and other cardiac disease

\*\*Immobility = inability to transfer or ambulate

**Table S2a.** Hazard ratios for transition to ICHD according to grouped cohort years of PD incidence by patient- and facility-level variables.

			1996-1999		2000-2003		2004-2007		2008-2011	
Covariates			Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI
<b>Age (years)</b>	(ref: 45-64)	0-21	0.77	(0.70,0.84)	0.72	(0.66,0.80)	0.83	(0.75,0.92)	0.91	(0.82,1.01)
		22-44	0.98	(0.94,1.02)	0.94	(0.90,0.99)	1.00	(0.96,1.05)	1.11	(1.06,1.16)
		65-74	1.12	(1.07,1.16)	1.10	(1.06,1.15)	1.08	(1.03,1.13)	1.10	(1.05,1.15)
		≥75	1.30	(1.23,1.37)	1.25	(1.18,1.32)	1.18	(1.12,1.25)	1.14	(1.08,1.20)
<b>Sex</b>	(ref: Male)	Female	1.00	(0.97,1.04)	1.01	(0.98,1.05)	0.99	(0.96,1.02)	0.95	(0.92,0.98)
<b>Race</b>	(ref: White)	African American	1.21	(1.16,1.25)	1.17	(1.12,1.22)	1.13	(1.08,1.18)	1.11	(1.07,1.16)
		Asian	0.68	(0.62,0.76)	0.68	(0.62,0.75)	0.69	(0.63,0.77)	0.66	(0.60,0.72)
		Other	0.97	(0.91,1.04)	0.96	(0.89,1.03)	0.85	(0.77,0.94)	0.94	(0.84,1.04)
		Unknown/Missing	0.87	(0.65,1.16)	1.13	(0.79,1.62)	0.76	(0.49,1.18)	1.03	(0.82,1.29)
<b>Ethnicity</b>	(ref: Non-Hispanic)	Hispanic	0.97	(0.92,1.03)	1.02	(0.97,1.08)	0.97	(0.91,1.03)	0.92	(0.87,0.97)
<b>Comorbidities</b>	(ref: Without respective comorbidity)	Cardiovascular disease*	0.99	(0.95,1.03)	1.00	(0.96,1.05)	1.02	(0.98,1.06)	1.00	(0.96,1.04)
		CHF	1.05	(1.01,1.09)	1.07	(1.02,1.11)	1.13	(1.08,1.18)	1.12	(1.08,1.17)
		COPD	1.08	(1.00,1.17)	1.10	(1.01,1.19)	1.04	(0.95,1.12)	1.10	(1.02,1.19)
		CVA/TIA	1.01	(0.94,1.08)	1.05	(0.98,1.12)	1.07	(0.99,1.14)	1.08	(1.01,1.15)
		PVD	1.04	(0.99,1.09)	0.99	(0.94,1.04)	1.00	(0.94,1.06)	0.99	(0.94,1.05)
		Hypertension	0.98	(0.94,1.02)	1.03	(0.98,1.08)	1.02	(0.97,1.07)	1.01	(0.96,1.07)
		Diabetes	1.12	(0.98,1.27)	1.27	(1.13,1.42)	1.23	(1.15,1.32)	1.23	(1.16,1.30)
		Cancer	1.05	(0.96,1.14)	1.06	(0.98,1.16)	1.05	(0.98,1.14)	1.07	(0.99,1.15)
		Tobacco use	1.10	(1.03,1.17)	1.11	(1.03,1.19)	1.11	(1.04,1.19)	1.17	(1.10,1.24)
Alcohol/Drug dependence	1.18	(1.03,1.36)	1.20	(1.02,1.41)	1.58	(1.36,1.83)	1.29	(1.12,1.49)		
		Immobility**	1.07	(0.94,1.21)	1.26	(1.09,1.46)	1.15	(0.99,1.33)	1.27	(1.11,1.46)
<b>Cause of ESRD</b>	(ref: Diabetes)	Hypertension	0.94	(0.83,1.08)	1.05	(0.94,1.18)	0.95	(0.88,1.02)	0.95	(0.90,1.01)
		Glomerular Disease	0.91	(0.80,1.04)	0.98	(0.87,1.10)	0.92	(0.85,1.00)	0.89	(0.83,0.96)
		Other	0.95	(0.83,1.09)	1.01	(0.90,1.14)	1.01	(0.93,1.10)	0.92	(0.86,0.99)
		Unknown/Missing	0.96	(0.83,1.12)	1.00	(0.87,1.15)	0.96	(0.86,1.07)	0.86	(0.77,0.96)
<b>PD program size</b>	(ref: ≥25 PD patients)	≤6 PD patients	1.35	(1.28,1.43)	1.40	(1.32,1.49)	1.35	(1.28,1.43)	1.35	(1.28,1.43)
		7-12 PD patients	1.21	(1.15,1.28)	1.26	(1.19,1.32)	1.22	(1.15,1.28)	1.18	(1.12,1.24)
		13-24 PD patients	1.12	(1.08,1.17)	1.14	(1.09,1.18)	1.08	(1.04,1.13)	1.10	(1.05,1.14)
<b>Facility</b>	(ref: LDO)	Hospital-Based	1.06	(0.96,1.17)	0.94	(0.84,1.05)	0.93	(0.88,0.99)	0.97	(0.91,1.03)

<b>Ownership</b>										
		Independent	1.12	(1.02,1.24)	1.00	(0.90,1.12)	0.99	(0.94,1.04)	1.04	(0.99,1.09)
		OTHDO***	.	.	0.99	(0.32,3.02)	1.01	(0.97,1.06)	1.03	(0.98,1.07)
<b>Facility Network</b>	(ref: NET_01)	NET_02	1.09	(0.99,1.20)	1.16	(1.05,1.29)	1.19	(1.06,1.33)	1.05	(0.94,1.18)
		NET_03	1.19	(1.08,1.32)	1.19	(1.06,1.34)	1.15	(1.01,1.32)	1.20	(1.06,1.37)
		NET_04	0.83	(0.73,0.93)	1.12	(1.00,1.25)	1.19	(1.06,1.34)	0.92	(0.81,1.03)
		NET_05	1.00	(0.91,1.11)	1.05	(0.95,1.16)	0.99	(0.89,1.10)	0.93	(0.83,1.03)
		NET_06	1.24	(1.13,1.35)	1.21	(1.10,1.32)	1.22	(1.11,1.35)	1.07	(0.97,1.18)
		NET_07	1.19	(1.08,1.32)	1.09	(0.98,1.20)	1.28	(1.15,1.42)	1.11	(1.00,1.24)
		NET_08	1.16	(1.05,1.28)	1.08	(0.97,1.19)	1.27	(1.14,1.41)	1.18	(1.06,1.31)
		NET_09	1.05	(0.96,1.15)	1.08	(0.98,1.19)	1.12	(1.01,1.24)	0.95	(0.86,1.06)
		NET_10	1.14	(1.02,1.26)	0.87	(0.78,0.97)	0.92	(0.82,1.04)	0.89	(0.79,1.00)
		NET_11	1.19	(1.09,1.31)	1.15	(1.05,1.27)	1.17	(1.05,1.30)	0.99	(0.89,1.11)
		NET_12	1.27	(1.15,1.41)	1.04	(0.94,1.16)	1.13	(1.01,1.26)	1.03	(0.92,1.16)
		NET_13	1.18	(1.06,1.31)	1.16	(1.04,1.29)	1.31	(1.17,1.46)	1.05	(0.94,1.17)
		NET_14	1.23	(1.12,1.36)	1.20	(1.09,1.32)	1.19	(1.08,1.33)	1.03	(0.93,1.14)
		NET_15	1.12	(1.01,1.24)	1.12	(1.01,1.25)	1.24	(1.11,1.39)	1.01	(0.91,1.13)
		NET_16	1.23	(1.10,1.38)	1.24	(1.11,1.38)	1.25	(1.11,1.40)	1.17	(1.05,1.31)
		NET_17	0.93	(0.83,1.04)	0.99	(0.88,1.10)	1.01	(0.90,1.13)	0.84	(0.75,0.95)
		NET_18	1.01	(0.92,1.12)	1.02	(0.93,1.13)	0.97	(0.87,1.08)	0.89	(0.80,0.99)
<b>Facility Location</b>	(ref: Urban)	Rural	0.97	(0.93,1.02)	0.96	(0.92,1.01)	0.96	(0.91,1.01)	1.02	(0.97,1.06)

Footnote: In 1996-1999, dialysis facilities were broadly grouped as LDO, independent, and hospital based. The OTHDO (Other Dialysis Organization) category was missing at the time, which is why there are no data for this category during this timeframe. CHF=congestive heart failure; COPD=chronic obstructive pulmonary disease; CVA/TIA=cerebrovascular accident/transient ischemic attack; PVD=peripheral vascular disease; OTHDO=other dialysis organization; NET=network

\*Cardiovascular disease = atherosclerotic heart disease and other cardiac disease

\*\*Immobility = inability to transfer or ambulate

**Table S2b.** Hazard ratios for death according to grouped cohort years of PD incidence by patient- and facility-level variables.

			1996-1999		2000-2003		2004-2007		2008-2011	
Covariates			Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI
<b>Age (years)</b>	(ref: 45-64)	0-21	0.44	(0.37,0.53)	0.45	(0.37,0.54)	0.65	(0.54,0.79)	0.70	(0.57,0.86)
		22-44	0.51	(0.47,0.54)	0.48	(0.44,0.52)	0.54	(0.49,0.59)	0.51	(0.46,0.57)
		65-74	1.79	(1.71,1.87)	1.77	(1.69,1.86)	1.76	(1.67,1.87)	1.74	(1.64,1.85)
		≥75	2.97	(2.82,3.13)	3.01	(2.85,3.18)	2.87	(2.70,3.05)	3.05	(2.87,3.24)
<b>Sex</b>	(ref: Male)	Female	1.09	(1.06,1.13)	1.11	(1.07,1.15)	1.11	(1.06,1.16)	1.04	(1.00,1.09)
<b>Race</b>	(ref: White)	African American	0.83	(0.79,0.88)	0.75	(0.71,0.80)	0.76	(0.71,0.82)	0.66	(0.61,0.70)
		Asian	0.62	(0.55,0.70)	0.48	(0.42,0.55)	0.53	(0.46,0.62)	0.55	(0.48,0.63)
		Other	0.85	(0.78,0.92)	0.84	(0.76,0.93)	0.88	(0.77,1.01)	0.70	(0.59,0.83)
		Unknown/Missing	3.07	(2.37,3.96)	3.98	(2.97,5.32)	2.56	(1.66,3.94)	2.13	(1.65,2.76)
<b>Ethnicity</b>	(ref: Non-Hispanic)	Hispanic	0.81	(0.75,0.87)	0.79	(0.73,0.85)	0.70	(0.64,0.77)	0.61	(0.55,0.67)
<b>Comorbidities</b>	(ref: Without respective comorbidity)	Cardiovascular disease*	1.27	(1.22,1.33)	1.28	(1.22,1.34)	1.25	(1.19,1.32)	1.24	(1.18,1.31)
		CHF	1.53	(1.47,1.60)	1.63	(1.55,1.70)	1.74	(1.65,1.83)	1.71	(1.62,1.80)
		COPD	1.31	(1.22,1.41)	1.38	(1.28,1.49)	1.32	(1.21,1.43)	1.37	(1.26,1.48)
		CVA/TIA	1.28	(1.21,1.36)	1.27	(1.19,1.36)	1.23	(1.14,1.33)	1.19	(1.10,1.29)
		PVD	1.18	(1.13,1.24)	1.18	(1.11,1.25)	1.18	(1.11,1.26)	1.16	(1.09,1.24)
		Hypertension	0.71	(0.68,0.74)	0.74	(0.70,0.78)	0.73	(0.68,0.78)	0.69	(0.64,0.75)
		Diabetes	1.69	(1.48,1.92)	1.46	(1.28,1.66)	1.43	(1.31,1.56)	1.41	(1.31,1.52)
		Cancer	1.20	(1.10,1.31)	1.24	(1.14,1.35)	1.37	(1.26,1.49)	1.29	(1.18,1.40)
		Tobacco use	1.06	(0.98,1.15)	1.01	(0.92,1.10)	1.05	(0.96,1.16)	1.13	(1.03,1.24)
		Alcohol/Drug dependence	1.36	(1.12,1.64)	1.52	(1.22,1.89)	1.53	(1.21,1.93)	1.26	(1.00,1.61)
		Immobility**	2.23	(2.03,2.45)	2.48	(2.18,2.81)	2.65	(2.36,2.98)	2.75	(2.43,3.12)
<b>Cause of ESRD</b>	(ref: Diabetes)	Hypertension	1.26	(1.11,1.44)	1.11	(0.98,1.27)	1.14	(1.04,1.24)	1.05	(0.97,1.13)
		Glomerular Disease	0.85	(0.74,0.97)	0.73	(0.63,0.84)	0.68	(0.61,0.76)	0.69	(0.62,0.77)
		Other	1.30	(1.13,1.49)	1.17	(1.02,1.34)	1.15	(1.04,1.28)	1.05	(0.96,1.16)
		Unknown/Missing	1.25	(1.07,1.46)	1.07	(0.92,1.26)	1.12	(0.97,1.28)	0.95	(0.82,1.10)
<b>PD program size</b>	(ref: ≥25 PD patients)	≤6 PD patients	1.12	(1.05,1.20)	1.08	(1.01,1.17)	1.06	(0.97,1.15)	1.04	(0.96,1.13)
		7-12 PD patients	1.07	(1.01,1.14)	1.04	(0.97,1.11)	1.01	(0.94,1.09)	1.04	(0.97,1.12)
		13-24 PD patients	0.98	(0.94,1.03)	1.02	(0.97,1.07)	0.97	(0.92,1.03)	0.99	(0.93,1.05)
<b>Facility</b>	(ref: LDO)	Hospital-Based	1.20	(1.07,1.34)	1.13	(0.98,1.30)	0.96	(0.89,1.03)	0.82	(0.75,0.90)

<b>Ownership</b>										
		Independent	1.18	(1.06,1.32)	1.14	(1.00,1.30)	0.96	(0.90,1.02)	1.02	(0.95,1.09)
		OTHDO	.	.	1.02	(0.43,2.44)	0.94	(0.88,1.01)	0.98	(0.92,1.04)
<b>Facility Network</b>	(ref: NET_01)	NET_02	1.07	(0.97,1.19)	1.05	(0.93,1.19)	0.99	(0.86,1.15)	0.84	(0.71,0.98)
		NET_03	1.16	(1.04,1.30)	1.12	(0.97,1.29)	0.93	(0.78,1.12)	0.96	(0.80,1.16)
		NET_04	1.16	(1.03,1.30)	1.06	(0.93,1.21)	1.03	(0.88,1.19)	0.98	(0.83,1.14)
		NET_05	1.11	(1.00,1.24)	1.14	(1.02,1.28)	1.16	(1.01,1.33)	0.93	(0.80,1.08)
		NET_06	1.05	(0.95,1.17)	0.99	(0.89,1.10)	1.04	(0.91,1.18)	0.96	(0.84,1.10)
		NET_07	1.01	(0.90,1.13)	0.95	(0.84,1.08)	0.99	(0.86,1.14)	0.92	(0.79,1.06)
		NET_08	1.17	(1.04,1.30)	1.15	(1.02,1.29)	1.18	(1.03,1.36)	0.95	(0.82,1.10)
		NET_09	1.14	(1.04,1.25)	1.14	(1.03,1.26)	1.06	(0.93,1.20)	1.00	(0.87,1.14)
		NET_10	1.07	(0.95,1.20)	1.16	(1.04,1.31)	1.18	(1.03,1.36)	1.01	(0.86,1.17)
		NET_11	1.12	(1.02,1.24)	1.11	(0.99,1.23)	1.03	(0.90,1.17)	0.95	(0.82,1.10)
		NET_12	0.97	(0.87,1.08)	1.14	(1.02,1.28)	1.12	(0.97,1.28)	0.86	(0.74,1.00)
		NET_13	0.99	(0.88,1.12)	1.10	(0.97,1.25)	1.02	(0.88,1.18)	1.05	(0.90,1.22)
		NET_14	1.06	(0.95,1.19)	1.06	(0.95,1.19)	1.03	(0.90,1.19)	0.97	(0.84,1.12)
		NET_15	0.93	(0.83,1.05)	0.96	(0.84,1.10)	0.82	(0.70,0.95)	0.85	(0.73,1.00)
		NET_16	0.90	(0.79,1.02)	0.83	(0.72,0.95)	0.95	(0.82,1.11)	0.79	(0.67,0.93)
		NET_17	1.00	(0.89,1.12)	0.97	(0.85,1.10)	0.97	(0.84,1.12)	0.85	(0.73,1.00)
		NET_18	0.97	(0.87,1.08)	1.05	(0.93,1.18)	0.97	(0.84,1.12)	0.84	(0.72,0.97)
<b>Facility Location</b>	(ref: Urban)	Rural	1.01	(0.97,1.07)	1.03	(0.97,1.08)	1.08	(1.02,1.15)	1.11	(1.04,1.18)

Footnote: In 1996-1999, dialysis facilities were broadly grouped as LDO, independent, and hospital based. The OTHDO (Other Dialysis Organization) category was missing at the time, which is why there are no data for this category during this timeframe. CHF=congestive heart failure; COPD=chronic obstructive pulmonary disease; CVA/TIA=cerebrovascular accident/transient ischemic attack; PVD=peripheral vascular disease; OTHDO=other dialysis organization; NET=network

\*Cardiovascular disease = atherosclerotic heart disease and other cardiac disease

\*\*Immobility = inability to transfer or ambulate

**Table S2c.** Hazard ratios for transplant according to grouped cohort years of PD incidence by patient- and facility-level variables.

			1996-1999		2000-2003		2004-2007		2008-2011	
Covariates			Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI	Hazard ratio	95% CI
<b>Age (years)</b>	(ref: 45-64)	0-21	3.25	(2.98,3.54)	2.99	(2.73,3.26)	3.38	(3.08,3.70)	2.90	(2.64,3.18)
		22-44	1.88	(1.78,1.99)	1.73	(1.63,1.83)	1.71	(1.61,1.82)	1.49	(1.40,1.59)
		65-74	0.22	(0.19,0.25)	0.33	(0.30,0.37)	0.47	(0.43,0.52)	0.55	(0.50,0.60)
		≥75	0.02	(0.01,0.04)	0.05	(0.03,0.07)	0.07	(0.05,0.09)	0.08	(0.06,0.11)
<b>Sex</b>	(ref: Male)	Female	0.85	(0.81,0.90)	0.83	(0.79,0.87)	0.86	(0.82,0.91)	0.86	(0.82,0.91)
<b>Race</b>	(ref: White)	African American	0.34	(0.32,0.37)	0.40	(0.38,0.44)	0.45	(0.42,0.48)	0.51	(0.47,0.55)
		Asian	0.69	(0.61,0.79)	0.67	(0.59,0.76)	0.66	(0.58,0.75)	0.76	(0.68,0.85)
		Other	0.72	(0.65,0.80)	0.64	(0.57,0.73)	0.64	(0.55,0.74)	0.58	(0.49,0.70)
		Unknown/Missing	0.22	(0.12,0.41)	0.56	(0.33,0.94)	0.67	(0.38,1.18)	0.61	(0.43,0.86)
<b>Ethnicity</b>	(ref: Non-Hispanic)	Hispanic	0.53	(0.48,0.58)	0.60	(0.55,0.65)	0.67	(0.61,0.73)	0.66	(0.61,0.72)
<b>Comorbidities</b>	(ref: Without respective comorbidity)	Cardiovascular disease*	0.68	(0.62,0.75)	0.69	(0.63,0.76)	0.80	(0.73,0.87)	0.78	(0.71,0.85)
		CHF	0.54	(0.49,0.60)	0.60	(0.54,0.66)	0.54	(0.48,0.61)	0.54	(0.48,0.60)
		COPD	0.73	(0.58,0.92)	0.49	(0.37,0.65)	0.70	(0.56,0.88)	0.53	(0.41,0.68)
		CVA/TIA	0.62	(0.51,0.74)	0.67	(0.56,0.80)	0.63	(0.53,0.76)	0.71	(0.59,0.85)
		PVD	0.62	(0.54,0.72)	0.59	(0.50,0.69)	0.69	(0.59,0.80)	0.64	(0.54,0.76)
		Hypertension	1.11	(1.05,1.18)	1.04	(0.97,1.11)	1.05	(0.98,1.13)	1.01	(0.94,1.09)
		Diabetes	0.85	(0.66,1.10)	0.75	(0.59,0.96)	0.72	(0.62,0.84)	0.71	(0.63,0.80)
		Cancer	0.48	(0.38,0.61)	0.47	(0.38,0.58)	0.51	(0.42,0.62)	0.66	(0.55,0.79)
		Tobacco use	0.67	(0.59,0.76)	0.60	(0.53,0.69)	0.57	(0.50,0.66)	0.50	(0.43,0.59)
		Alcohol/Drug dependence	0.29	(0.19,0.45)	0.53	(0.36,0.79)	0.75	(0.52,1.07)	0.52	(0.34,0.79)
		Immobility**	0.39	(0.26,0.58)	0.42	(0.28,0.63)	0.40	(0.28,0.56)	0.65	(0.50,0.86)
<b>Cause of ESRD</b>	(ref: Diabetes)	Hypertension	0.87	(0.67,1.14)	0.73	(0.56,0.94)	0.78	(0.66,0.91)	0.83	(0.73,0.95)
		Glomerular Disease	1.21	(0.94,1.57)	1.08	(0.84,1.38)	1.14	(0.97,1.33)	1.40	(1.23,1.60)
		Other	1.13	(0.87,1.47)	1.10	(0.85,1.41)	1.08	(0.92,1.27)	1.22	(1.06,1.39)
		Unknown/Missing	1.06	(0.80,1.41)	0.99	(0.76,1.31)	0.93	(0.77,1.12)	1.23	(1.04,1.46)
<b>PD program size</b>	(ref: ≥25 PD patients)	≤6 PD patients	1.00	(0.92,1.09)	1.02	(0.93,1.13)	1.02	(0.93,1.12)	0.95	(0.86,1.04)
		7-12 PD patients	1.13	(1.05,1.23)	1.05	(0.97,1.14)	0.95	(0.88,1.03)	0.97	(0.90,1.05)



		13-24 PD patients	1.04	(0.98,1.11)	1.00	(0.94,1.07)	1.00	(0.93,1.06)	1.01	(0.94,1.07)
<b>Facility Ownership</b>	(ref: LDO)	Hospital-Based	1.00	(0.86,1.18)	0.99	(0.80,1.23)	0.98	(0.91,1.06)	1.12	(1.03,1.21)
		Independent	0.99	(0.85,1.16)	1.03	(0.84,1.26)	1.06	(0.99,1.15)	1.05	(0.97,1.13)
		OTHDO	.	.	0.00	(0.00,0.02)	1.11	(1.03,1.19)	1.07	(0.99,1.15)
<b>Facility Network</b>	(ref: NET_01)	NET_02	1.02	(0.87,1.20)	0.76	(0.64,0.90)	1.01	(0.85,1.21)	0.88	(0.73,1.05)
		NET_03	1.25	(1.05,1.49)	0.91	(0.75,1.10)	1.22	(0.99,1.49)	1.17	(0.96,1.44)
		NET_04	1.68	(1.43,1.97)	1.15	(0.98,1.36)	1.24	(1.04,1.48)	0.87	(0.72,1.05)
		NET_05	1.32	(1.13,1.55)	0.87	(0.75,1.02)	1.01	(0.86,1.18)	1.09	(0.92,1.28)
		NET_06	1.13	(0.98,1.31)	0.90	(0.78,1.03)	1.02	(0.88,1.18)	0.82	(0.70,0.96)
		NET_07	1.23	(1.04,1.45)	1.01	(0.87,1.19)	1.02	(0.87,1.20)	0.96	(0.81,1.13)
		NET_08	1.07	(0.91,1.26)	0.81	(0.69,0.95)	0.94	(0.80,1.11)	0.91	(0.77,1.08)
		NET_09	1.23	(1.06,1.42)	1.07	(0.93,1.23)	1.02	(0.88,1.19)	0.90	(0.77,1.06)
		NET_10	1.33	(1.13,1.58)	1.11	(0.95,1.30)	1.10	(0.93,1.30)	1.03	(0.86,1.23)
		NET_11	1.52	(1.31,1.76)	1.13	(0.98,1.31)	1.25	(1.07,1.46)	1.16	(0.98,1.36)
		NET_12	0.87	(0.73,1.04)	0.89	(0.76,1.04)	1.04	(0.88,1.23)	1.00	(0.84,1.18)
		NET_13	1.20	(1.01,1.42)	0.85	(0.72,1.01)	0.97	(0.81,1.15)	0.86	(0.72,1.02)
		NET_14	1.12	(0.96,1.32)	0.69	(0.59,0.80)	0.79	(0.68,0.92)	0.74	(0.62,0.86)
		NET_15	1.10	(0.93,1.30)	0.83	(0.71,0.98)	0.96	(0.81,1.13)	0.93	(0.78,1.10)
		NET_16	1.20	(1.01,1.43)	1.07	(0.91,1.25)	1.01	(0.86,1.20)	1.02	(0.86,1.21)
		NET_17	0.71	(0.60,0.86)	0.65	(0.55,0.77)	0.76	(0.64,0.90)	0.82	(0.69,0.97)
		NET_18	0.94	(0.80,1.10)	0.60	(0.51,0.70)	0.66	(0.56,0.77)	0.59	(0.50,0.70)
<b>Facility Location</b>	(ref: Urban)	Rural	0.90	(0.83,0.97)	0.92	(0.85,0.99)	0.91	(0.84,0.99)	0.90	(0.83,0.98)

Footnote: In 1996-1999, dialysis facilities were broadly grouped as LDO, independent, and hospital based. The OTHDO (Other Dialysis Organization) category was missing at the time, which is why there are no data for this category during this timeframe. CHF=congestive heart failure; COPD=chronic obstructive pulmonary disease; CVA/TIA=cerebrovascular accident/transient ischemic attack; PVD=peripheral vascular disease; OTHDO=other dialysis organization; NET=network

\*Cardiovascular disease = atherosclerotic heart disease and other cardiac disease

\*\*Immobility = inability to transfer or ambulate