

Online-Only Material

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eTable1: USRDS registry codes used to define exposure groups

	Category classification strategy
Excluded	<ol style="list-style-type: none"> 1. Patients with most recent REMCODE=12 (transplanted in a foreign country) (SAF: <i>WAITLIST_KI, WAITLIST_KP</i>) 2. Patients with most recent treatment type “recovered kidney function” (RXCATGP=x) (SAF <i>RXHIST</i>) 3. Patients with most recent treatment modality is “transplanted” (RXCATGP=T) but for whom there is also indication that the patient was on dialysis at the time of death (CMS form 2746 states modality at time of death was dialysis; Medicare claims indicate that the patient withdrew from dialysis; primary cause of death was withdrawal from dialysis or dialysis-related infection [PRICOD=104, 33, 34, 45, 46, 47, 49, 50, 51, or 74]). (SAF: <i>DEATH_NOTIFICATION, PATIENT</i>)
Transplanted	<p>Most recent treatment type is “transplanted” (RXCATGP=T) (SAF <i>RXHIST</i>)</p> <p><u>Subgroup analysis:</u></p> <ol style="list-style-type: none"> 1. Most recent transplant date defined by most recent TDATE (SAF <i>WAITLIST_KI, WAITLIST_KP</i>) 2. If no transplant date listed in waitlist files and number of transplants was 1 (SAF <i>PATIENT</i>), then date of first transplant defined as the most recent transplant date. 3. Interval between most recent transplant date and date of death taken as the time since transplant at the time of death. 4. Time since transplant groups categorized (≤ 1 year, >1-5 years, >5-10 years, >10 years)
“Inactive” and “Active” Waitlisted groups	<ol style="list-style-type: none"> 1. Not included in “transplanted” group and presence of any waitlist removal code 8, 21, or 23 (SAF <i>WAITLIST_KI, WAITLIST_KP</i>) 2. UNOSSTAT associated with most recent UNOSSDT identified (SAF: <i>WAITLIST_KI, WAITLIST_KP</i>). 3. “Active” on waitlist defined by UNOSSTAT 4050, 4060, or 5010 4. “Inactive” on waitlist defined by UNOSSTAT 4099, 4999, 5099, or 5999 5. If simultaneous most recent UNOSSTAT indicating a member was listed (at different institutions) both “active” and “inactive”, they were included in the “active” group.
Removed from waitlist	<ol style="list-style-type: none"> 1. Exclude ambiguous removal codes: 7,9,11,14, or 17 (SAF: <i>WAITLIST_KI, WAITLIST_KP</i>) 2. Identify most recent removal code by REMDATE

	<p>3. Removed from waitlist defined by removal codes 5,6,12,13,20, or 24</p> <p>4. If most recent removal code indicates the member was transplanted but member was not included in transplant group (did not have a functioning transplant at the time of death), then member included in reference group (SAF WAITLIST_KI, WAITLIST_KP).</p> <p>4. If only ambiguous removal codes listed (7,9,11,14, or 17), member included in "removed from waitlist" group.</p>
Prior failed transplant and not re-listed before death	<p>1. Not included in "transplanted", "active", "inactive", or "removed" groups</p> <p>2. Any modality code = "transplanted" (SAF: RXHIST)</p> <p><u>Subgroup analysis:</u></p> <p>1. Among members of this group, we identified the most recent (if any) episode of transplant (RXGROUP=T) and defined the date of transplant failure by the end-date of that episode (ENDDATE).</p> <p>2. The interval between transplant failure date and the date of death was defined as the time since transplant failure.</p> <p>3. Time since transplant failure groups categorized (≤ 1 year, $>1-5$ years, $>5-10$ years, >10 years)</p>
Reference group	Not categorized above

Abbreviations: United States Renal Data System Standard Analysis File, SAF

eTable2: Measures of intensity of end-of-life care associated with exposure to the transplant process

	Univariable			Multivariable		
	aPP (95% CI)	aRD (95% CI)	p-value	aPP (95% CI)	aRD (95% CI)	p-value
hospital admission in last 30 days of life						
transplanted	0.69 (0.69-0.70)	-0.04 (-0.04-(-)0.03)	<0.001	0.75 (0.75-0.76)	0.03 (0.02-0.03)	<0.001
failed transplant, not re-waitlisted	0.76 (0.75-0.76)	0.02 (0.02-0.03)	<0.001	0.77 (0.76-0.78)	0.04 (0.03-0.05)	<0.001
removed from waitlist	0.74 (0.73-0.75)	0.01 (0.00-0.01)	0.037	0.75 (0.74-0.75)	0.02 (0.01-0.02)	<0.001
inactive on waitlist	0.75 (0.75-0.76)	0.02 (0.01-0.03)	<0.001	0.76 (0.76-0.77)	0.04 (0.03-0.04)	<0.001
active on waitlist	0.68 (0.67-0.69)	-0.05 (-0.06-(-)0.04)	<0.001	0.72 (0.71-0.73)	0.00 (-0.01-0.00)	0.216
on dialysis, never waitlisted or transplanted (ref)	0.73 (0.73-0.73)	0 (Ref)		0.73 (0.73-0.73)	0 (Ref)	
ICU admission in the last 30 days of life						
transplanted	0.50 (0.49-0.51)	-0.01 (-0.01-0.00)	0.07	0.55 (0.54-0.55)	0.04 (0.04-0.05)	<0.001
failed transplant, not re-waitlisted	0.56 (0.56-0.57)	0.06 (0.05-0.07)	<0.001	0.55 (0.54-0.56)	0.04 (0.03-0.05)	<0.001
removed from waitlist	0.56 (0.55-0.56)	0.05 (0.04-0.06)	<0.001	0.53 (0.53-0.54)	0.03 (0.02-0.04)	<0.001
inactive on waitlist	0.58 (0.57-0.59)	0.07 (0.07-0.08)	<0.001	0.56 (0.55-0.56)	0.05 (0.04-0.06)	<0.001
active on waitlist	0.54 (0.53-0.55)	0.03 (0.02-0.04)	<0.001	0.54 (0.53-0.55)	0.03 (0.02-0.04)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.51 (0.50-0.51)	0 (Ref)		0.51 (0.50-0.51)	0 (Ref)	
intensive procedure in last 30 days of life						

transplanted	0.33 (0.33-0.34)	0.05 (0.05-0.06)	<0.001	0.35 (0.35-0.36)	0.07 (0.06-0.07)	<0.001
failed transplant, not re-waitlisted	0.36 (0.35-0.37)	0.08 (0.07-0.09)	<0.001	0.31 (0.30-0.32)	0.03 (0.02-0.03)	<0.001
removed from waitlist	0.35 (0.34-0.36)	0.07 (0.06-0.08)	<0.001	0.30 (0.30-0.31)	0.02 (0.01-0.03)	<0.001
inactive on waitlist	0.40 (0.39-0.40)	0.12 (0.11-0.13)	<0.001	0.33 (0.32-0.34)	0.05 (0.04-0.05)	<0.001
active on waitlist	0.40 (0.39-0.41)	0.12 (0.11-0.13)	<0.001	0.34 (0.34-0.35)	0.06 (0.05-0.07)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.28 (0.28-0.28)	0 (Ref)		0.28 (0.28-0.29)	0 (Ref)	
died in a hospital						
transplanted	0.45 (0.45-0.46)	0.06 (0.05-0.06)	<0.001	0.49 (0.48-0.49)	0.09 (0.08-0.09)	<0.001
failed transplant, not re-waitlisted	0.47 (0.46-0.48)	0.07 (0.06-0.08)	<0.001	0.45 (0.44-0.46)	0.05 (0.04-0.06)	<0.001
removed from waitlist	0.46 (0.45-0.47)	0.06 (0.05-0.07)	<0.001	0.44 (0.44-0.45)	0.04 (0.04-0.05)	<0.001
inactive on waitlist	0.49 (0.48-0.50)	0.09 (0.09-0.10)	<0.001	0.46 (0.46-0.47)	0.06 (0.06-0.07)	<0.001
active on waitlist	0.47 (0.46-0.48)	0.08 (0.07-0.08)	<0.001	0.45 (0.44-0.46)	0.05 (0.04-0.06)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.40 (0.40-0.40)	0 (Ref)		0.40 (0.40-0.40)	0 (Ref)	
enrolled in hospice at the time of death						
transplanted	0.24 (0.23-0.24)	-0.02 (-0.02-(-)0.01)	<0.001	0.24 (0.24-0.25)	0.00 (-0.01-0.00)	0.86
failed transplant, not re-waitlisted	0.18 (0.17-0.19)	-0.07 (-0.08-(-)0.07)	<0.001	0.24 (0.23-0.25)	-0.01 (-0.01-0.00)	0.068
removed from waitlist	0.20 (0.20-0.21)	-0.05 (-0.06-(-)0.05)	<0.001	0.25 (0.24-0.25)	0.00 (-0.01-0.01)	0.978
inactive on waitlist	0.13 (0.12-0.13)	-0.13 (-0.13-(-)0.12)	<0.001	0.18 (0.18-0.19)	-0.06 (-0.07-(-)0.05)	<0.001
active on waitlist	0.07 (0.07-0.08)	-0.18 (-0.19-(-)0.18)	<0.001	0.12 (0.11-0.13)	-0.12 (-0.13-(-)0.12)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.25 (0.25-0.25)	0 (Ref)		0.25 (0.24-0.25)	0 (Ref)	
stopped dialysis prior to death						
failed transplant, not re-waitlisted	0.21 (0.21-0.22)	-0.07 (-0.08-(-)0.07)	<0.001	0.28 (0.28-0.29)	0.01 (0.00-0.01)	0.107
removed from waitlist	0.23 (0.22-0.23)	-0.06 (-0.07-(-)0.05)	<0.001	0.28 (0.27-0.29)	0.00 (0.00-0.01)	0.271
inactive on waitlist	0.17 (0.17-0.18)	-0.12 (-0.12-(-)0.11)	<0.001	0.25 (0.24-0.25)	-0.03 (-0.04-(-)0.02)	<0.001
active on waitlist	0.11 (0.10-0.12)	-0.18 (-0.18-(-)0.17)	<0.001	0.17 (0.16-0.18)	-0.11 (-0.11-(-)0.10)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.29 (0.29-0.29)	0 (Ref)		0.28 (0.28-0.28)	0 (Ref)	

Predicted probabilities and risk difference in the multivariable model are adjusted for sex, race, age, date of death, and all measured individual comorbidities.

*p-value for adjusted risk difference <0.001

**Mechanical ventilation, cardiopulmonary resuscitation, and/or artificial nutrition

Abbreviations: aPP, adjusted predicted probability; aRD, adjusted risk difference; ICU, intensive or coronary care unit

eTable3: Measures of intensity of end-of-life care among cohort members with a functioning kidney transplant at the time of death associated with time since transplant

	Univariable			Multivariable		
	aPP (95% CI)	aRD (95% CI)	p-value	aPP (95% CI)	aRD (95% CI)	p-value
hospital admission in last 30 days of life						
<=1yr post-transplant at the time of death	0.83 (0.81-0.84)	0.09 (0.08-0.11)	<0.001	0.86 (0.84-0.87)	0.13 (0.11-0.15)	<0.001
>1yr to 5yr	0.70 (0.69-0.71)	-0.03 (-0.04-(-)0.02)	<0.001	0.76 (0.75-0.77)	0.03 (0.02-0.05)	<0.001
>5yr to 10yr	0.68 (0.67-0.69)	-0.05 (-0.06-(-)0.04)	<0.001	0.73 (0.72-0.74)	0.00 (-0.01-0.01)	0.734
>10y	0.66 (0.65-0.67)	-0.07 (-0.08-(-)0.06)	<0.001	0.73 (0.72-0.74)	0.00 (0.00-0.01)	0.338
on dialysis, never waitlisted or transplanted (ref)	0.73 (0.73-0.73)	0 (Ref)		0.73 (0.72-0.73)	0 (Ref)	
ICU admission in the last 30 days of life						
<=1yr post-transplant at the time of death	0.66 (0.64-0.68)	0.16 (0.14-0.17)	<0.001	0.65 (0.63-0.67)	0.16 (0.13-0.18)	<0.001
>1yr to 5yr	0.51 (0.50-0.52)	0.01 (-0.01-0.02)	0.321	0.55 (0.54-0.57)	0.06 (0.04-0.07)	<0.001
>5yr to 10yr	0.49 (0.47-0.50)	-0.02 (-0.03-(-)0.01)	<0.001	0.51 (0.50-0.52)	0.01 (0.00-0.02)	0.062
>10y	0.46 (0.45-0.47)	-0.05 (-0.06-(-)0.04)	<0.001	0.49 (0.48-0.50)	0.00 (-0.01-0.01)	0.476
on dialysis, never waitlisted or transplanted (ref)	0.51 (0.50-0.51)	0 (Ref)		0.50 (0.49-0.50)	0 (Ref)	
intensive procedure in last 30 days of life						
<=1yr post-transplant at the time of death	0.47 (0.45-0.49)	0.19 (0.18-0.21)	<0.001	0.41 (0.39-0.44)	0.12 (0.10-0.15)	<0.001
>1yr to 5yr	0.36 (0.35-0.37)	0.08 (0.07-0.09)	<0.001	0.37 (0.35-0.38)	0.07 (0.06-0.09)	<0.001
>5yr to 10yr	0.32 (0.31-0.33)	0.04 (0.03-0.05)	<0.001	0.33 (0.32-0.34)	0.04 (0.03-0.05)	<0.001
>10y	0.28 (0.28-0.29)	0.01 (0.00-0.01)	0.253	0.32 (0.31-0.33)	0.03 (0.02-0.04)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.28 (0.28-0.28)	0 (Ref)		0.29 (0.29-0.29)	0 (Ref)	
died in a hospital						
<=1yr post-transplant at the time of death	0.64 (0.62-0.66)	0.24 (0.22-0.26)	<0.001	0.64 (0.62-0.66)	0.21 (0.19-0.23)	<0.001
>1yr to 5yr	0.46 (0.45-0.47)	0.06 (0.05-0.07)	<0.001	0.51 (0.49-0.52)	0.08 (0.06-0.09)	<0.001
>5yr to 10yr	0.43 (0.42-0.44)	0.03 (0.02-0.04)	<0.001	0.47 (0.46-0.48)	0.04 (0.03-0.05)	<0.001
>10y	0.41 (0.40-0.42)	0.02 (0.01-0.03)	0.003	0.47 (0.46-0.48)	0.04 (0.03-0.05)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.40 (0.40-0.40)	0 (Ref)		0.43 (0.43-0.43)	0 (Ref)	
enrolled in hospice at the time of death						
<=1yr post-transplant at the time of death	0.07 (0.06-0.08)	-0.18 (-0.19-(-)0.17)	<0.001	0.09 (0.08-0.11)	-0.12 (-0.13-(-)0.10)	<0.001
>1yr to 5yr	0.22 (0.21-0.23)	-0.04 (-0.05-(-)0.03)	<0.001	0.21 (0.20-0.22)	0.00 (-0.01-0.01)	0.73
>5yr to 10yr	0.26 (0.25-0.26)	0.00 (-0.01-0.01)	0.784	0.23 (0.22-0.23)	0.02 (0.01-0.02)	0.001

>10y	0.28 (0.27-0.29)	0.03 (0.02-0.04)	<0.001	0.23 (0.23-0.24)	0.02 (0.02-0.03)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.25 (0.25-0.25)	0 (Ref)		0.21 (0.21-0.21)	0 (Ref)	

Predicted probabilities and risk difference in the multivariable model are adjusted for sex, race, age, date of death, and all measured individual comorbidities.

*p-value for adjusted risk difference <0.001

**Mechanical ventilation, cardiopulmonary resuscitation, and/or artificial nutrition

Abbreviations: aPP, adjusted predicted probability; aRD, adjusted risk difference; ICU, intensive or coronary care unit

eTable4: Measures of intensity of end-of-life care among cohort members with a failed transplant at the time of death associated with time since transplant failure

	Univariable			Multivariable		
	aPP (95% CI)	aRD (95% CI)	p-value	aPP (95% CI)	aRD (95% CI)	p-value
hospital admission in last 30 days of life						
<=1yr post-transplant failure	0.81 (0.80-0.82)	0.08 (0.06-0.09)	<0.001	0.80 (0.79-0.81)	0.07 (0.05-0.08)	<0.001
>1yr to 5yr	0.74 (0.73-0.75)	0.01 (0.00-0.02)	0.094	0.75 (0.74-0.76)	0.02 (0.01-0.03)	0.002
>5yr to 10yr	0.73 (0.71-0.75)	0.00 (-0.02-0.01)	0.676	0.75 (0.74-0.77)	0.02 (0.00-0.03)	0.03
>10y	0.74 (0.72-0.77)	0.01 (-0.01-0.03)	0.28	0.78 (0.76-0.80)	0.05 (0.03-0.07)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.73 (0.73-0.73)	0 (Ref)		0.73 (0.73-0.74)	0 (Ref)	
ICU admission in the last 30 days of life						
<=1yr post-transplant failure	0.58 (0.57-0.60)	0.08 (0.06-0.09)	<0.001	0.54 (0.52-0.55)	0.04 (0.02-0.05)	<0.001
>1yr to 5yr	0.56 (0.54-0.57)	0.05 (0.04-0.06)	<0.001	0.52 (0.51-0.53)	0.02 (0.01-0.03)	0.003
>5yr to 10yr	0.56 (0.54-0.58)	0.05 (0.03-0.07)	<0.001	0.52 (0.51-0.54)	0.02 (0.00-0.04)	0.018
>10y	0.56 (0.54-0.59)	0.06 (0.03-0.08)	<0.001	0.54 (0.52-0.57)	0.04 (0.02-0.06)	0.001
on dialysis, never waitlisted or transplanted (ref)	0.51 (0.50-0.51)	0 (Ref)		0.50 (0.50-0.50)	0 (Ref)	
intensive procedure in last 30 days of life						
<=1yr post-transplant failure	0.36 (0.34-0.37)	0.08 (0.06-0.09)	<0.001	0.32 (0.30-0.33)	0.02 (0.01-0.04)	0.008
>1yr to 5yr	0.36 (0.35-0.37)	0.08 (0.07-0.09)	<0.001	0.31 (0.30-0.32)	0.01 (0.00-0.02)	0.084
>5yr to 10yr	0.37 (0.35-0.39)	0.09 (0.07-0.11)	<0.001	0.31 (0.29-0.33)	0.01 (0.00-0.03)	0.092
>10y	0.37 (0.35-0.40)	0.09 (0.07-0.12)	<0.001	0.32 (0.29-0.34)	0.02 (0.00-0.04)	0.086
on dialysis, never waitlisted or transplanted (ref)	0.28 (0.28-0.28)	0 (Ref)		0.30 (0.29-0.30)	0 (Ref)	
died in a hospital						
<=1yr post-transplant failure	0.47 (0.45-0.49)	0.07 (0.06-0.09)	<0.001	0.46 (0.44-0.47)	0.02 (0.00-0.04)	0.02

>1yr to 5yr	0.46 (0.45-0.47)	0.06 (0.05-0.07)	<0.001	0.45 (0.44-0.46)	0.01 (0.00-0.03)	0.068
>5yr to 10yr	0.48 (0.46-0.50)	0.08 (0.06-0.10)	<0.001	0.47 (0.45-0.49)	0.03 (0.01-0.05)	0.001
>10y	0.50 (0.48-0.53)	0.11 (0.08-0.13)	<0.001	0.50 (0.48-0.52)	0.06 (0.04-0.09)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.40 (0.40-0.40)	0 (Ref)		0.44 (0.43-0.44)	0 (Ref)	
enrolled in hospice at the time of death						
<=1yr post-transplant failure	0.20 (0.19-0.21)	-0.05 (-0.07-(-)0.04)	<0.001	0.21 (0.20-0.23)	0.01 (-0.01-0.02)	0.243
>1yr to 5yr	0.18 (0.17-0.19)	-0.07 (-0.08-(-)0.07)	<0.001	0.21 (0.20-0.22)	0.00 (-0.01-0.01)	0.746
>5yr to 10yr	0.15 (0.14-0.17)	-0.10 (-0.11-(-)0.09)	<0.001	0.19 (0.18-0.21)	-0.01 (-0.03-0.01)	0.206
>10y	0.17 (0.15-0.19)	-0.08 (-0.10-(-)0.06)	<0.001	0.23 (0.21-0.25)	0.02 (0.00-0.04)	0.037
on dialysis, never waitlisted or transplanted (ref)	0.25 (0.25-0.25)	0 (Ref)		0.21 (0.20-0.21)	0 (Ref)	
stopped dialysis prior to death						
<=1yr post-transplant failure	0.24 (0.22-0.25)	-0.05 (-0.07-(-)0.04)	<0.001	0.26 (0.25-0.28)	0.01 (0.00-0.03)	0.135
>1yr to 5yr	0.22 (0.21-0.23)	-0.07 (-0.08-(-)0.06)	<0.001	0.27 (0.25-0.28)	0.02 (0.00-0.03)	0.019
>5yr to 10yr	0.19 (0.17-0.20)	-0.10 (-0.11-(-)0.08)	<0.001	0.24 (0.23-0.26)	-0.01 (-0.03-0.01)	0.55
>10y	0.19 (0.17-0.21)	-0.09 (-0.11-(-)0.08)	<0.001	0.26 (0.24-0.29)	0.01 (-0.01-0.04)	0.292
on dialysis, never waitlisted or transplanted (ref)	0.29 (0.29-0.29)	0 (Ref)		0.25 (0.25-0.25)	0 (Ref)	

Predicted probabilities and risk difference in the multivariable model are adjusted for sex, race, age, date of death, and all measured individual comorbidities. Reference group comprised of participants without functioning transplant and not on the transplant waiting list at the time of death.

*p-value for adjusted risk difference <0.001

**Mechanical ventilation, cardiopulmonary resuscitation, and/or artificial nutrition

Abbreviations: aPP, adjusted predicted probability; aRD, adjusted risk difference; ICU, intensive or coronary care unit

eTable5: Measures of intensity of end-of-life care associated with exposure to the transplant process for patients who developed ESKD from 2005-2008

	Univariable			Multivariable		
	aPP (95% CI)	aRD	p-value	aPP	aRD	p-value
hospital admission in last 30 days of life						
transplanted	0.72 (0.71-0.73)	-0.01 (-0.03-0.00)	0.083	0.79 (0.78-0.81)	0.06 (0.05-0.08)	<0.001
failed transplant, not re-waitlisted	0.75 (0.72-0.78)	0.02 (-0.01-0.05)	0.221	0.79 (0.76-0.81)	0.06 (0.03-0.08)	<0.001
removed from waitlist	0.72 (0.71-0.73)	-0.01 (-0.03-0.00)	0.093	0.74 (0.73-0.76)	0.01 (0.00-0.03)	0.037

inactive on waitlist	0.75 (0.73-0.76)	0.01 (0.00-0.02)	0.05	0.77 (0.76-0.78)	0.04 (0.03-0.05)	<0.001
active on waitlist	0.67 (0.65-0.69)	-0.06 (-0.08-(-)0.05)	<0.001	0.72 (0.71-0.74)	0.00 (-0.02-0.01)	0.568
on dialysis, never waitlisted or transplanted (ref)	0.73 (0.73-0.74)			0.73 (0.73-0.73)		
ICU admission in the last 30 days of life						
transplanted	0.53 (0.52-0.55)	0.03 (0.01-0.05)	<0.001	0.57 (0.56-0.59)	0.07 (0.06-0.09)	<0.001
failed transplant, not re-waitlisted	0.55 (0.51-0.58)	0.05 (0.01-0.08)	0.005	0.53 (0.50-0.56)	0.03 (-0.01-0.06)	0.102
removed from waitlist	0.54 (0.53-0.56)	0.04 (0.03-0.06)	<0.001	0.52 (0.50-0.53)	0.02 (0.00-0.03)	0.016
inactive on waitlist	0.58 (0.57-0.60)	0.08 (0.07-0.10)	<0.001	0.56 (0.55-0.57)	0.06 (0.04-0.07)	<0.001
active on waitlist	0.54 (0.52-0.56)	0.04 (0.02-0.06)	<0.001	0.54 (0.52-0.56)	0.04 (0.02-0.06)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.50 (0.50-0.50)			0.50 (0.50-0.50)		
intensive procedure in last 30 days of life						
transplanted	0.36 (0.35-0.38)	0.09 (0.07-0.11)	<0.001	0.37 (0.35-0.38)	0.09 (0.07-0.10)	<0.001
failed transplant, not re-waitlisted	0.35 (0.32-0.38)	0.07 (0.04-0.10)	<0.001	0.29 (0.26-0.31)	0.01 (-0.02-0.04)	0.559
removed from waitlist	0.34 (0.33-0.35)	0.07 (0.05-0.08)	<0.001	0.29 (0.28-0.31)	0.02 (0.00-0.03)	0.02
inactive on waitlist	0.41 (0.39-0.42)	0.13 (0.12-0.15)	<0.001	0.33 (0.32-0.35)	0.06 (0.04-0.07)	<0.001
active on waitlist	0.41 (0.39-0.42)	0.13 (0.11-0.15)	<0.001	0.34 (0.33-0.36)	0.06 (0.05-0.08)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.27 (0.27-0.28)			0.28 (0.28-0.28)		
died in a hospital						
transplanted	0.46 (0.45-0.48)	0.07 (0.05-0.08)	<0.001	0.50 (0.49-0.52)	0.11 (0.09-0.12)	<0.001
failed transplant, not re-waitlisted	0.43 (0.40-0.47)	0.04 (0.01-0.07)	0.018	0.43 (0.40-0.46)	0.03 (0.00-0.07)	0.033
removed from waitlist	0.42 (0.41-0.44)	0.03 (0.01-0.04)	<0.001	0.42 (0.40-0.43)	0.02 (0.01-0.04)	0.003
inactive on waitlist	0.47 (0.46-0.49)	0.08 (0.06-0.09)	<0.001	0.45 (0.44-0.47)	0.06 (0.05-0.07)	<0.001
active on waitlist	0.45 (0.44-0.47)	0.06 (0.04-0.07)	<0.001	0.44 (0.43-0.46)	0.05 (0.03-0.06)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.40 (0.39-0.40)			0.40 (0.39-0.40)		
enrolled in hospice at the time of death						
transplanted	0.25 (0.23-0.26)	-0.01 (-0.02-0.00)	0.19	0.25 (0.23-0.26)	0.00 (-0.02-0.01)	0.74
failed transplant, not re-waitlisted	0.21 (0.18-0.24)	-0.05 (-0.07-(-)0.02)	0.001	0.25 (0.22-0.28)	0.00 (-0.03-0.03)	0.904
removed from waitlist	0.24 (0.22-0.25)	-0.02 (-0.03-(-)0.01)	0.005	0.26 (0.25-0.27)	0.01 (-0.01-0.02)	0.287
inactive on waitlist	0.14 (0.13-0.15)	-0.12 (-0.13-(-)0.11)	<0.001	0.19 (0.18-0.20)	-0.06 (-0.08-(-)0.05)	<0.001
active on waitlist	0.08 (0.07-0.09)	-0.18 (-0.19-(-)0.17)	<0.001	0.12 (0.11-0.14)	-0.13 (-0.14-(-)0.11)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.26 (0.25-0.26)			0.25 (0.25-0.25)		
stopped dialysis prior to death						
failed transplant, not re-waitlisted	0.23 (0.20-0.26)	-0.06 (-0.09-(-)0.04)	<0.001	0.30 (0.27-0.33)	0.01 (-0.02-0.04)	0.579

removed from waitlist	0.26 (0.24-0.27)	-0.04 (-0.05-(-)0.02)	<0.001	0.31 (0.29-0.32)	0.02 (0.00-0.03)	0.029
inactive on waitlist	0.17 (0.16-0.19)	-0.12 (-0.13-(-)0.11)	<0.001	0.25 (0.24-0.26)	-0.04 (-0.05-(-)0.03)	<0.001
active on waitlist	0.12 (0.11-0.13)	-0.18 (-0.19-(-)0.17)	<0.001	0.19 (0.17-0.20)	-0.10 (-0.12-(-)0.09)	<0.001
on dialysis, never waitlisted or transplanted (ref)	0.30 (0.29-0.30)			0.29 (0.29-0.29)		

Predicted probabilities and risk difference in the multivariable model are adjusted for sex, race, age, date of death, and all measured individual comorbidities. Reference group comprised of participants without functioning transplant and not on the transplant waiting list at the time of death.

*p-value for adjusted risk difference <0.001

**Mechanical ventilation, cardiopulmonary resuscitation, and/or artificial nutrition

Abbreviations: aPP, adjusted predicted probability; aRD, adjusted risk difference; ICU, intensive or coronary care unit