

**Table 5.10b**  
**Unadjusted Graft Survival, Deceased Donor ECD Kidney Transplants**  
**Survival at 3 Months, 1 Year, 5 Years, and 10 Years**

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
<b>Total</b>												
All	3,669	93.2%	0.4%	3,669	86.5%	0.6%	10,118	59.5%	0.6%	16,185	30.8%	0.6%
<b>Age at Tx</b>												
1-5 Years	0	-	-	0	-	-	0	-	-	2	50.0%	35.4%
6-11 Years	0	-	-	0	-	-	2	100.0%	0.0%	9	37.0%	18.7%
12-17 Years	0	-	-	0	-	-	3	66.7%	27.2%	27	26.1%	8.9%
18-34 Years	69	94.2%	2.8%	69	92.8%	3.1%	307	55.2%	3.3%	829	33.0%	2.0%
35-49 Years	408	94.6%	1.1%	408	90.2%	1.5%	1,443	62.8%	1.5%	2,951	35.8%	1.3%
50-64 Years	1,890	93.3%	0.6%	1,890	86.1%	0.8%	4,975	61.5%	0.9%	7,828	31.7%	0.9%
65+ Years	1,302	92.5%	0.7%	1,302	85.5%	1.0%	3,388	55.3%	1.1%	4,539	20.8%	1.4%
<b>Recipient Ethnicity/Race</b>												
White	1,698	93.6%	0.6%	1,698	86.0%	0.8%	4,846	59.7%	0.9%	8,038	31.2%	0.9%
African American	1,166	91.0%	0.8%	1,166	84.5%	1.1%	3,187	54.8%	1.1%	5,001	25.6%	1.1%
Hispanic/Latino	491	96.1%	0.9%	491	90.6%	1.3%	1,221	64.6%	1.8%	1,840	34.2%	2.0%
Asian	260	94.2%	1.4%	260	89.6%	1.9%	707	69.4%	2.2%	1,068	45.9%	2.6%
Other/Multi-race	54	94.4%	3.1%	54	92.6%	3.6%	157	65.2%	4.8%	238	30.6%	5.4%
<b>Recipient Gender</b>												
Female	1,338	93.6%	0.7%	1,338	88.0%	0.9%	3,692	62.7%	1.0%	6,099	34.3%	1.0%
Male	2,331	92.9%	0.5%	2,331	85.6%	0.7%	6,426	57.6%	0.8%	10,086	28.6%	0.8%
<b>Recipient Blood Type</b>												
O	1,826	93.4%	0.6%	1,826	86.9%	0.8%	4,862	59.2%	0.9%	7,612	31.4%	0.9%
A	1,261	93.3%	0.7%	1,261	86.9%	0.9%	3,597	61.2%	1.0%	5,921	30.2%	1.0%
B	430	92.6%	1.3%	430	83.7%	1.8%	1,209	56.7%	1.8%	1,933	31.3%	1.8%
AB	152	91.4%	2.3%	152	85.5%	2.9%	450	56.8%	3.0%	719	28.8%	3.0%
<b>Previous Kidney Tx</b>												
No	3,434	93.3%	0.4%	3,434	86.5%	0.6%	9,373	60.1%	0.6%	14,870	31.1%	0.7%
Yes	235	91.9%	1.8%	235	86.0%	2.3%	745	52.3%	2.3%	1,315	27.7%	1.9%

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<b>Total</b>												
All	3,669	93.2%	0.4%	3,669	86.5%	0.6%	10,118	59.5%	0.6%	16,185	30.8%	0.6%
<b>Recipient Residency</b>												
U.S. Resident	3,657	93.2%	0.4%	3,657	86.5%	0.6%	10,080	59.5%	0.6%	16,101	30.7%	0.6%
Nonresident Alien	12	91.7%	8.0%	12	91.7%	8.0%	36	69.5%	9.5%	60	49.9%	11.6%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	24	32.8%	9.7%
<b>Hospitalized at Tx</b>												
Not Hospitalized	3,618	93.2%	0.4%	3,618	86.6%	0.6%	9,970	59.6%	0.6%	15,926	30.9%	0.6%
Hospitalized	47	91.5%	4.1%	47	78.7%	6.0%	125	50.5%	5.8%	221	23.7%	4.3%
In Intensive Care	4	75.0%	21.7%	4	50.0%	25.0%	23	54.5%	11.9%	36	42.1%	9.1%
Unknown	0	-	-	0	-	-	0	-	-	2	100.0%	0.0%
<b>Primary Diagnosis</b>												
Glomerular Diseases	542	96.5%	0.8%	542	89.9%	1.3%	1,654	66.2%	1.4%	2,948	38.8%	1.4%
Diabetes	1,264	93.2%	0.7%	1,264	85.4%	1.0%	3,261	54.0%	1.2%	4,873	22.1%	1.2%
Hypertensive												
Nephrosclerosis	1,072	92.0%	0.8%	1,072	85.9%	1.1%	2,743	57.6%	1.3%	3,979	27.4%	1.4%
Polycystic Kidneys	277	94.9%	1.3%	277	90.6%	1.8%	835	70.3%	2.0%	1,414	44.2%	2.2%
Tubular and Interstitial Diseases	156	91.7%	2.2%	156	84.6%	2.9%	463	62.3%	2.7%	759	33.4%	2.7%
Renovascular & Other Vascular Diseases	105	88.6%	3.1%	105	84.8%	3.5%	361	58.6%	3.1%	728	27.0%	2.6%
Congenital, Rare Familial, & Metabolic Disorders	25	96.0%	3.9%	25	92.0%	5.4%	73	46.4%	7.7%	147	28.4%	5.9%
Neoplasms	15	93.3%	6.4%	15	93.3%	6.4%	42	56.4%	9.7%	60	22.0%	16.2%
Other	205	91.7%	1.9%	205	82.9%	2.6%	638	60.8%	2.3%	1,136	31.8%	2.1%
Unknown	8	87.5%	11.7%	8	87.5%	11.7%	48	64.3%	7.8%	141	36.5%	4.7%

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	N	%	Std. Err.									
<b>Total</b>												
All	3,669	93.2%	0.4%	3,669	86.5%	0.6%	10,118	59.5%	0.6%	16,185	30.8%	0.6%
<b>Cold Ischemic Time</b>												
0-11 Hours	723	94.3%	0.9%	723	88.2%	1.2%	1,871	63.6%	1.5%	2,490	32.3%	2.1%
12-21 Hours	1,536	93.6%	0.6%	1,536	87.3%	0.8%	4,179	60.1%	1.0%	6,554	31.6%	1.0%
22-31 Hours	850	91.1%	1.0%	850	83.9%	1.3%	2,326	55.9%	1.3%	4,034	29.8%	1.1%
32-41 Hours	256	95.3%	1.3%	256	88.7%	2.0%	643	61.1%	2.5%	1,154	27.2%	2.1%
42+ Hours	103	93.2%	2.5%	103	83.5%	3.7%	231	51.2%	4.5%	314	23.6%	4.9%
Unknown	201	92.0%	1.9%	201	83.6%	2.6%	868	57.8%	1.9%	1,639	31.1%	1.8%
<b>PRA at Transplant</b>												
0-9%	2,977	93.4%	0.5%	2,977	86.7%	0.6%	8,252	60.0%	0.7%	13,052	31.3%	0.7%
10-79%	448	93.3%	1.2%	448	86.8%	1.6%	1,109	57.9%	2.0%	1,709	30.4%	1.9%
80%+	82	85.4%	3.9%	82	74.4%	4.8%	186	45.4%	5.0%	364	22.1%	3.4%
Unknown	162	92.6%	2.1%	162	87.7%	2.6%	571	59.0%	2.4%	1,060	29.9%	2.2%
<b>Yearly Center Volume</b>												
0-12	23	87.0%	7.0%	23	73.9%	9.2%	83	56.4%	7.3%	221	35.6%	4.1%
13-28	137	88.3%	2.7%	137	79.6%	3.4%	421	52.7%	3.1%	853	24.0%	2.6%
29-47	323	92.3%	1.5%	323	85.8%	1.9%	924	57.3%	2.1%	1,767	30.5%	2.0%
48-81	654	94.8%	0.9%	654	88.7%	1.2%	1,917	62.5%	1.5%	3,564	30.5%	1.3%
82+	2,532	93.2%	0.5%	2,532	86.5%	0.7%	6,773	59.5%	0.8%	9,780	31.4%	0.8%
<b>Dialysis Needed Within First Week After Tx</b>												
No	2,528	97.0%	0.3%	2,528	91.5%	0.6%	6,927	65.1%	0.7%	10,872	35.2%	0.8%
Yes	1,141	84.8%	1.1%	1,141	75.5%	1.3%	3,191	47.4%	1.1%	5,288	22.1%	0.9%
Unknown	0	-	-	0	-	-	0	-	-	25	32.0%	9.3%
<b>Donor Age</b>												
50-64 Years	2,829	93.2%	0.5%	2,829	87.0%	0.6%	7,775	60.9%	0.7%	12,277	32.6%	0.7%
65+ Years	840	93.0%	0.9%	840	84.8%	1.2%	2,343	54.7%	1.3%	3,908	25.4%	1.2%

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All	3,669	93.2%	0.4%	3,669	86.5%	0.6%	10,118	59.5%	0.6%	16,185	30.8%	0.6%
A Locus Mismatch												
0	458	93.2%	1.2%	458	87.6%	1.5%	1,251	64.1%	1.7%	2,416	32.6%	1.5%
1	1,424	93.4%	0.7%	1,424	86.0%	0.9%	3,896	58.9%	1.0%	6,223	31.2%	1.0%
2	1,787	93.0%	0.6%	1,787	86.6%	0.8%	4,969	58.8%	0.9%	7,533	30.0%	1.0%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	13	7.7%	7.4%
B Locus Mismatch												
0	299	95.3%	1.2%	299	88.0%	1.9%	840	63.8%	2.1%	1,984	33.1%	1.5%
1	847	92.9%	0.9%	847	87.1%	1.2%	2,392	59.1%	1.3%	4,633	30.6%	1.0%
2	2,523	93.0%	0.5%	2,523	86.1%	0.7%	6,884	59.1%	0.8%	9,555	30.3%	1.0%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	13	7.7%	7.4%
DR Locus Mismatch												
0	430	94.0%	1.1%	430	87.4%	1.6%	1,248	64.5%	1.7%	2,934	33.9%	1.2%
1	1,429	93.3%	0.7%	1,429	86.5%	0.9%	4,045	60.3%	1.0%	6,682	30.2%	1.0%
2	1,810	92.9%	0.6%	1,810	86.2%	0.8%	4,823	57.4%	0.9%	6,556	29.8%	1.2%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	13	7.7%	7.4%
Total Mismatch												
0	239	94.1%	1.5%	239	85.8%	2.3%	651	64.9%	2.4%	1,289	35.6%	2.0%
1	19	100.0%	0.0%	19	100.0%	0.0%	57	64.9%	8.2%	287	27.9%	3.1%
2	95	94.7%	2.3%	95	91.6%	2.8%	288	68.6%	3.2%	876	34.1%	2.1%
3	337	92.9%	1.4%	337	88.1%	1.8%	1,005	60.4%	1.9%	2,226	30.2%	1.4%
4	934	93.4%	0.8%	934	86.0%	1.1%	2,562	59.6%	1.3%	4,048	30.2%	1.3%
5	1,286	92.8%	0.7%	1,286	86.2%	1.0%	3,528	57.8%	1.1%	4,747	30.2%	1.4%
6	759	93.0%	0.9%	759	86.0%	1.3%	2,024	58.4%	1.4%	2,695	30.2%	1.9%
Unknown	0	-	-	0	-	-	3	0.0%	0.0%	17	5.9%	5.7%

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<b>Transplant Center State</b>												
Alabama	46	87.0%	5.0%	46	82.6%	5.6%	115	50.9%	6.2%	243	31.7%	4.2%
Arkansas	16	93.8%	6.1%	16	87.5%	8.3%	55	52.5%	10.9%	75	31.1%	9.7%
Arizona	74	98.6%	1.3%	74	93.2%	2.9%	142	76.7%	4.6%	195	52.8%	7.9%
California	372	92.7%	1.3%	372	86.0%	1.8%	1,124	62.4%	1.8%	1,833	33.9%	1.8%
Colorado	25	92.0%	5.4%	25	88.0%	6.5%	69	65.6%	6.8%	105	21.0%	7.6%
Connecticut	33	93.9%	4.2%	33	81.8%	6.7%	71	46.4%	9.5%	115	31.1%	7.1%
District of Columbia	33	97.0%	3.0%	33	93.9%	4.2%	92	69.0%	5.4%	151	16.8%	6.8%
Delaware	6	100.0%	0.0%	6	100.0%	0.0%	6	+	+	6	+	+
Florida	216	96.3%	1.3%	216	91.2%	1.9%	565	64.0%	2.6%	880	31.8%	3.1%
Georgia	56	96.4%	2.5%	56	94.6%	3.0%	179	62.6%	4.7%	327	33.8%	4.3%
Hawaii	17	100.0%	0.0%	17	94.1%	5.7%	49	80.3%	7.4%	102	47.6%	6.9%
Iowa	20	90.0%	6.7%	20	70.0%	10.2%	50	69.3%	8.1%	97	18.3%	8.9%
Illinois	146	92.5%	2.2%	146	79.5%	3.3%	480	58.8%	2.6%	704	29.1%	2.9%
Indiana	19	94.7%	5.1%	19	89.5%	7.0%	82	72.9%	5.7%	118	54.8%	6.9%
Kansas	21	100.0%	0.0%	21	95.2%	4.6%	34	57.1%	13.5%	39	47.6%	12.8%
Kentucky	28	96.4%	3.5%	28	85.7%	6.6%	73	61.6%	7.3%	142	41.9%	5.6%
Louisiana	61	96.7%	2.3%	61	88.5%	4.1%	153	61.1%	5.1%	220	38.7%	4.9%
Massachusetts	80	95.0%	2.4%	80	91.3%	3.2%	276	61.3%	3.8%	402	36.2%	4.2%
Maryland	140	93.6%	2.1%	140	89.3%	2.6%	368	51.2%	3.4%	755	21.0%	2.4%
Maine	3	66.7%	27.2%	3	66.7%	27.2%	11	71.6%	14.0%	38	22.8%	8.8%
Michigan	93	92.5%	2.7%	93	83.9%	3.8%	260	53.7%	4.1%	388	28.8%	4.1%
Minnesota	29	96.6%	3.4%	29	86.2%	6.4%	105	76.1%	4.8%	223	30.9%	4.7%
Missouri	42	97.6%	2.4%	42	92.9%	4.0%	115	65.9%	6.2%	187	25.7%	5.3%
Mississippi	16	93.8%	6.1%	16	93.8%	6.1%	16	+	+	27	15.2%	12.9%
North Carolina	153	90.2%	2.4%	153	81.7%	3.1%	333	63.3%	3.2%	497	33.7%	3.8%
North Dakota	7	71.4%	17.1%	7	57.1%	18.7%	30	37.4%	11.4%	59	28.8%	8.1%
Nebraska	27	100.0%	0.0%	27	96.3%	3.6%	62	68.4%	8.2%	90	34.8%	8.2%
New Hampshire	9	88.9%	10.5%	9	88.9%	10.5%	31	60.5%	10.0%	40	36.7%	16.5%
New Jersey	130	90.8%	2.5%	130	80.8%	3.5%	381	51.9%	3.1%	634	29.9%	3.1%
New Mexico	16	93.8%	6.1%	16	87.5%	8.3%	40	63.8%	10.7%	64	37.2%	9.2%
Nevada	5	60.0%	21.9%	5	60.0%	21.9%	14	38.6%	16.0%	30	0.0%	0.0%
New York	456	92.5%	1.2%	456	85.3%	1.7%	1,114	56.2%	2.1%	1,621	30.4%	2.0%
Ohio	131	87.0%	2.9%	131	82.4%	3.3%	384	55.7%	3.2%	640	27.4%	3.0%
Oklahoma	31	93.5%	4.4%	31	93.5%	4.4%	84	67.3%	6.5%	138	28.2%	7.2%
Oregon	36	94.4%	3.8%	36	86.1%	5.8%	118	66.3%	5.1%	220	38.1%	5.3%

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Dialysis needed within first week excludes patients whose graft failed before the end of the week.

**Table 5.10b (Continued)**  
**Unadjusted Graft Survival, Deceased Donor ECD Kidney Transplants**  
**Survival at 3 Months, 1 Year, 5 Years, and 10 Years**

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2007 - 2008)			(Tx 2007 - 2008)			(Tx 2003 - 2008)			(Tx 1998 - 2008)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
<b>Transplant Center State</b>												
Pennsylvania	314	92.0%	1.5%	314	84.1%	2.1%	980	52.1%	2.1%	1,584	26.7%	1.9%
Puerto Rico	33	100.0%	0.0%	33	93.9%	4.2%	59	69.8%	11.0%	80	56.9%	12.2%
Rhode Island	6	100.0%	0.0%	6	66.7%	19.2%	29	42.4%	10.9%	62	21.8%	7.9%
South Carolina	35	91.4%	4.7%	35	74.3%	7.4%	79	49.1%	7.6%	113	9.4%	5.9%
South Dakota	17	100.0%	0.0%	17	94.1%	5.7%	65	42.9%	7.5%	88	7.3%	6.2%
Tennessee	75	85.3%	4.1%	75	80.0%	4.6%	193	62.5%	4.5%	331	25.7%	4.0%
Texas	260	93.8%	1.5%	260	90.4%	1.8%	708	64.8%	2.2%	1,039	37.2%	2.5%
Utah	11	100.0%	0.0%	11	90.9%	8.7%	26	67.7%	12.7%	50	42.4%	8.9%
Virginia	127	91.3%	2.5%	127	82.7%	3.4%	323	59.6%	3.7%	451	24.0%	4.7%
Vermont	8	100.0%	0.0%	8	100.0%	0.0%	29	69.6%	9.9%	34	29.6%	21.7%
Washington	52	100.0%	0.0%	52	94.2%	3.2%	139	68.3%	5.3%	275	38.9%	4.4%
Wisconsin	132	96.2%	1.7%	132	92.4%	2.3%	385	57.4%	3.3%	616	31.5%	3.2%
West Virginia	6	100.0%	0.0%	6	100.0%	0.0%	22	75.8%	10.7%	57	31.9%	8.5%

Source: OPTN/SRTR Data as of October 1, 2010.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Graft survival follows individual transplants until graft failure. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Dialysis needed within first week excludes patients whose graft failed before the end of the week.