

Table 5.7d
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Recipient Age at Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
<1 Year									
Patients	4	4	5	-	2	2	5	1	-
Deaths	0	0	0	-	0	1	1	0	-
Rate	*	*	*	-	*	*	*	*	-
1-5 Years									
Patients	70	111	92	102	104	96	81	77	73
Deaths	2	2	3	2	3	3	0	1	3
Rate	29.1	18.2	33.1	19.9	29.2	32.2	0.0	13.0	42.3
6-11 Years									
Patients	98	100	114	97	77	93	64	69	68
Deaths	0	1	0	3	1	0	0	0	0
Rate	0.0	10.1	0.0	31.8	13.2	0.0	0.0	0.0	0.0
12-17 Years									
Patients	176	222	232	230	201	233	161	151	152
Deaths	0	3	2	1	2	2	1	0	1
Rate	0.0	13.6	8.6	4.4	10.0	8.6	6.2	0.0	6.6
18-34 Years									
Patients	1,282	1,429	1,347	1,408	1,428	1,326	1,310	1,158	1,166
Deaths	11	19	12	12	13	10	14	10	1
Rate	8.6	13.4	9.0	8.6	9.2	7.6	10.7	8.7	0.9
35-49 Years									
Patients	1,949	1,986	2,005	2,088	2,073	2,019	1,988	1,870	1,745
Deaths	41	40	34	32	23	28	19	22	14
Rate	21.3	20.4	17.1	15.5	11.2	14.0	9.6	11.8	8.1
50-64 Years									
Patients	1,551	1,784	1,915	2,020	2,178	2,186	2,174	2,108	2,100
Deaths	63	71	66	45	63	64	47	39	47
Rate	41.6	40.8	35.2	22.6	29.4	29.8	21.9	18.7	22.7

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Recipient Age at Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
65+ Years									
Patients	342	384	517	513	573	612	646	600	655
Deaths	21	21	25	26	30	27	27	16	25
Rate	64.0	56.5	49.9	52.4	54.1	45.4	42.9	26.9	39.0

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

Notes:

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Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Ethnicity/Race	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
White									
Patients	3,772	4,111	4,285	4,356	4,450	4,415	4,368	4,085	3,986
Deaths	89	108	99	90	99	98	86	66	58
Rate	23.9	26.7	23.4	20.9	22.5	22.5	19.9	16.3	14.7
African American									
Patients	767	913	904	975	1,024	991	933	837	796
Deaths	24	25	23	17	25	22	13	10	21
Rate	31.9	27.8	25.9	17.7	24.8	22.5	14.0	12.0	26.9
Other/Multi-race									
Patients	37	59	57	69	68	76	83	58	70
Deaths	1	4	2	4	1	1	1	1	1
Rate	27.1	69.5	35.9	59.8	14.8	13.2	12.1	17.4	14.4
Asian									
Patients	232	243	228	245	249	265	234	260	285
Deaths	6	5	2	1	0	3	1	2	2
Rate	26.2	20.8	8.8	4.1	0.0	11.4	4.3	7.7	7.0
Hispanic/Latino									
Patients	664	694	750	813	845	820	811	794	822
Deaths	18	15	16	9	10	11	8	9	9
Rate	27.5	21.9	21.6	11.2	11.9	13.5	9.9	11.4	11.0
Unknown									
Patients	-	-	3	-	-	-	-	-	-
Deaths	-	-	0	-	-	-	-	-	-
Rate	-	-	*	-	-	-	-	-	-

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Gender	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
Female									
Patients	2,315	2,505	2,570	2,712	2,701	2,649	2,461	2,387	2,334
Deaths	56	58	58	47	56	57	34	31	31
Rate	24.5	23.5	22.8	17.5	21.0	21.8	13.9	13.1	13.4
Male									
Patients	3,157	3,515	3,657	3,746	3,935	3,918	3,968	3,647	3,625
Deaths	82	99	84	74	79	78	75	57	60
Rate	26.4	28.6	23.3	20.0	20.3	20.2	19.1	15.8	16.7

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

Notes:

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(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Blood Type	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
A									
Patients	2,057	2,277	2,327	2,424	2,505	2,529	2,484	2,335	2,276
Deaths	59	64	49	57	52	45	44	31	33
Rate	29.2	28.6	21.3	23.8	21.0	18.0	17.9	13.4	14.6
AB									
Patients	206	217	234	239	255	238	241	248	234
Deaths	4	2	8	4	4	6	2	4	6
Rate	19.6	9.3	35.1	17.0	15.8	25.5	8.3	16.3	26.2
B									
Patients	694	752	808	860	833	855	837	756	780
Deaths	13	12	26	14	17	11	10	14	14
Rate	18.9	16.1	32.8	16.5	20.7	13.0	12.0	18.7	18.1
O									
Patients	2,515	2,774	2,858	2,935	3,043	2,945	2,867	2,695	2,669
Deaths	62	79	59	46	62	73	53	39	38
Rate	25.0	29.0	20.9	15.8	20.6	25.2	18.7	14.6	14.4

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Residency	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
U.S. Resident									
Patients	5,405	5,950	6,165	6,388	6,585	6,525	6,382	5,993	5,918
Deaths	137	154	142	119	134	133	109	87	91
Rate	25.7	26.3	23.4	18.8	20.6	20.6	17.2	14.6	15.5
Nonresident Alien									
Patients	64	69	61	70	51	42	46	41	41
Deaths	1	3	0	2	1	2	0	1	0
Rate	15.8	44.0	0.0	29.0	20.0	49.4	0.0	24.7	0.0
Unknown									
Patients	3	1	1	-	-	-	1	-	-
Deaths	0	0	0	-	-	-	0	-	-
Rate	*	*	*	-	-	-	*	-	-

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Previous Tx Same Organ	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
No									
Patients	4,965	5,377	5,566	5,746	5,943	5,848	5,746	5,428	5,345
Deaths	123	133	130	104	124	116	95	71	82
Rate	25.1	25.1	23.7	18.3	21.1	20.1	16.7	13.2	15.5
Yes									
Patients	507	643	661	712	693	719	683	606	614
Deaths	15	24	12	17	11	19	14	17	9
Rate	30.1	38.1	18.3	24.1	16.0	26.9	20.7	28.5	14.8

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

Notes:

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Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Hospitalized at Tx	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
Not Hospitalized									
Patients	5,365	5,853	6,093	6,337	6,504	6,423	6,344	5,919	5,848
Deaths	134	149	135	121	129	126	107	82	86
Rate	25.3	25.8	22.5	19.3	20.1	19.9	17.0	14.0	14.8
Hospitalized									
Patients	94	151	126	113	120	105	76	104	106
Deaths	3	8	5	0	4	8	1	6	4
Rate	32.9	54.2	40.7	0.0	34.0	80.1	13.3	60.0	39.2
In Intensive Care									
Patients	13	16	8	8	12	39	9	10	5
Deaths	1	0	2	0	2	1	1	0	1
Rate	79.4	0.0	*	*	190.8	26.2	*	0.0	*
Unknown									
Patients	-	-	-	-	-	-	-	1	-
Deaths	-	-	-	-	-	-	-	0	-
Rate	-	-	-	-	-	-	-	*	-

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

Notes:

(-) = None in category.

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Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Primary Diagnosis	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
Glomerular Diseases									
Patients	1,719	1,808	1,919	1,961	1,990	1,921	1,883	1,778	1,737
Deaths	32	32	29	24	21	19	21	16	13
Rate	18.8	17.9	15.2	12.3	10.6	9.9	11.2	9.0	7.5
Diabetes									
Patients	1,102	1,272	1,365	1,334	1,430	1,375	1,368	1,297	1,268
Deaths	41	59	51	46	50	47	37	19	34
Rate	38.0	47.7	38.3	35.3	35.7	34.9	27.5	14.8	27.2
Hypertensive Nephrosclerosis									
Patients	586	665	684	814	952	972	1,080	955	949
Deaths	24	18	16	12	24	26	24	18	19
Rate	42.1	27.5	23.8	14.9	25.7	27.2	22.6	19.0	20.3
Polycystic Kidneys									
Patients	462	555	572	688	622	710	649	672	676
Deaths	6	8	11	3	5	9	7	6	9
Rate	13.1	14.5	19.5	4.4	8.1	12.8	10.9	9.0	13.5
Tubular and Interstitial Diseases									
Patients	409	426	417	421	469	437	360	345	364
Deaths	8	11	10	10	17	10	3	8	4
Rate	19.8	26.2	24.3	24.1	36.9	23.1	8.4	23.6	11.1
Renovascular & Other Vascular Diseases									
Patients	231	261	264	222	210	177	128	120	129
Deaths	7	5	5	2	6	3	2	4	0
Rate	30.9	19.4	19.2	9.1	29.1	17.0	15.8	34.1	0.0

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

Notes:

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Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Primary Diagnosis	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Congenital, Rare Familial, & Metabolic Disorders									
Patients	212	263	269	314	280	274	242	215	228
Deaths	1	4	2	9	1	5	4	4	2
Rate	4.7	15.4	7.5	29.1	3.6	18.5	16.6	18.7	8.8
Neoplasms									
Patients	24	30	30	27	30	23	31	18	20
Deaths	1	1	0	0	0	2	0	0	0
Rate	42.9	33.7	0.0	0.0	0.0	95.0	0.0	0.0	0.0
Other									
Patients	590	588	569	592	578	609	630	588	554
Deaths	17	15	16	12	11	12	11	12	10
Rate	29.2	25.9	28.6	20.5	19.2	19.9	17.7	20.6	18.2
Unknown									
Patients	137	152	138	85	75	69	58	46	34
Deaths	1	4	2	3	0	2	0	1	0
Rate	7.3	26.8	14.6	35.8	0.0	29.3	0.0	21.8	0.0

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Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

PRA at Transplant	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
0%-9%									
Patients	2,319	2,720	2,917	3,038	3,430	3,546	3,692	3,490	3,605
Deaths	55	75	74	59	66	67	55	42	54
Rate	24.0	28.0	25.8	19.6	19.5	19.1	15.0	12.1	15.1
10%-79%									
Patients	226	230	312	366	400	483	536	605	663
Deaths	5	10	11	9	8	8	10	8	13
Rate	22.4	44.7	36.0	24.9	20.3	16.8	18.9	13.3	19.9
80%+									
Patients	32	44	44	80	80	111	99	103	122
Deaths	2	7	2	1	2	6	2	4	0
Rate	64.4	176.9	47.3	12.6	25.1	56.0	20.4	39.6	0.0
Unknown									
Patients	2,895	3,026	2,954	2,974	2,726	2,427	2,102	1,836	1,569
Deaths	76	65	55	52	59	54	42	34	24
Rate	26.7	21.8	18.8	17.7	21.9	22.6	20.2	18.7	15.4

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

Notes:

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Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Donor Age	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
12-17 Years									
Patients	1	1	1	1	-	-	1	-	-
Deaths	0	0	0	0	-	-	0	-	-
Rate	*	*	*	*	-	-	*	-	-
18-34 Years									
Patients	1,814	2,028	2,055	2,108	2,191	2,077	2,032	1,869	1,848
Deaths	46	40	48	35	34	37	23	16	18
Rate	25.8	20.0	23.7	16.8	15.7	18.0	11.4	8.6	9.8
35-49 Years									
Patients	2,617	2,824	2,927	3,078	3,073	3,102	2,934	2,672	2,592
Deaths	59	85	69	61	69	67	48	38	38
Rate	22.9	30.6	23.9	20.1	22.8	21.9	16.5	14.3	14.8
50-64 Years									
Patients	988	1,101	1,185	1,207	1,316	1,330	1,390	1,413	1,430
Deaths	32	30	21	22	28	30	32	32	31
Rate	32.9	27.7	18.0	18.4	21.5	22.8	23.3	22.9	22.0
65+ Years									
Patients	49	66	59	64	56	58	71	80	89
Deaths	1	2	4	3	4	1	5	2	4
Rate	20.8	30.9	71.3	48.1	74.4	17.5	73.3	25.4	46.1
Unknown									
Patients	3	-	-	-	-	-	1	-	-
Deaths	0	-	-	-	-	-	1	-	-
Rate	*	-	-	-	-	-	*	-	-

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
	Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
	Deaths	138	157	142	121	135	135	109	88	91
	Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
A Locus Mismatch										
	0									
	Patients	1,522	1,626	1,650	1,573	1,588	1,519	1,495	1,330	1,371
	Deaths	26	36	25	19	18	40	22	21	22
	Rate	17.3	22.5	15.3	12.2	11.4	26.7	14.8	15.9	16.2
	1									
	Patients	2,891	3,212	3,325	3,511	3,516	3,599	3,427	3,198	3,093
	Deaths	74	81	98	73	83	70	53	47	49
	Rate	26.0	25.6	30.0	21.1	23.9	19.7	15.6	14.8	16.0
	2									
	Patients	960	1,119	1,208	1,338	1,473	1,405	1,457	1,425	1,442
	Deaths	35	39	19	28	32	23	33	19	20
	Rate	37.2	35.5	15.9	21.2	22.0	16.5	23.0	13.4	14.0
	Unknown									
	Patients	99	63	44	36	59	44	50	81	53
	Deaths	3	1	0	1	2	2	1	1	0
	Rate	31.2	16.1	0.0	28.2	34.9	47.0	20.3	12.5	0.0

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
	Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
	Deaths	138	157	142	121	135	135	109	88	91
	Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
B Locus Mismatch										
	0									
	Patients	1,080	1,179	1,159	1,140	1,099	1,035	1,052	881	934
	Deaths	16	23	14	10	15	15	14	12	8
	Rate	15.0	19.8	12.2	8.8	13.7	14.6	13.4	13.7	8.6
	1									
	Patients	2,913	3,200	3,315	3,349	3,418	3,430	3,292	3,051	2,929
	Deaths	70	85	92	67	70	77	60	35	49
	Rate	24.4	27.0	28.2	20.3	20.7	22.8	18.4	11.5	16.9
	2									
	Patients	1,380	1,579	1,709	1,933	2,060	2,058	2,035	2,021	2,043
	Deaths	49	48	36	43	48	41	34	40	34
	Rate	36.1	30.9	21.4	22.5	23.6	20.2	16.9	20.0	16.8
	Unknown									
	Patients	99	62	44	36	59	44	50	81	53
	Deaths	3	1	0	1	2	2	1	1	0
	Rate	31.2	16.3	0.0	28.2	34.9	47.0	20.3	12.5	0.0

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
	Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
	Deaths	138	157	142	121	135	135	109	88	91
	Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
DR Locus Mismatch										
	0									
	Patients	1,354	1,507	1,479	1,473	1,482	1,453	1,427	1,251	1,240
	Deaths	25	31	27	20	24	28	19	14	19
	Rate	18.7	20.8	18.4	13.7	16.3	19.5	13.4	11.3	15.5
	1									
	Patients	2,973	3,241	3,391	3,508	3,543	3,539	3,396	3,172	3,149
	Deaths	73	82	91	75	67	82	60	42	48
	Rate	24.9	25.7	27.3	21.7	19.1	23.5	17.9	13.3	15.4
	2									
	Patients	1,040	1,205	1,311	1,436	1,551	1,530	1,557	1,530	1,516
	Deaths	37	43	24	25	42	23	29	31	24
	Rate	36.3	36.4	18.5	17.6	27.5	15.2	18.8	20.5	16.0
	Unknown									
	Patients	105	67	46	41	60	45	49	81	54
	Deaths	3	1	0	1	2	2	1	1	0
	Rate	29.3	15.1	0.0	24.7	34.3	46.0	20.8	12.5	0.0

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Level of HLA Mismatch (Total)		Year of Transplant								
		2000	2001	2002	2003	2004	2005	2006	2007	2008
Total										
	Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
	Deaths	138	157	142	121	135	135	109	88	91
	Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
Total Mismatch										
0										
	Patients	627	652	652	601	594	544	583	484	520
	Deaths	9	12	4	1	4	8	7	7	5
	Rate	14.5	18.7	6.2	1.7	6.7	14.8	12.1	14.6	9.7
1										
	Patients	349	424	409	396	398	405	354	319	279
	Deaths	6	8	11	8	6	8	8	4	4
	Rate	17.4	19.1	27.4	20.5	15.2	19.9	22.8	12.6	14.5
2										
	Patients	1,096	1,184	1,159	1,243	1,173	1,195	1,117	992	1,036
	Deaths	24	32	23	21	24	34	12	11	16
	Rate	22.2	27.5	20.1	17.1	20.7	29.0	10.8	11.2	15.6
3										
	Patients	1,588	1,754	1,875	1,844	1,935	1,885	1,824	1,692	1,603
	Deaths	36	41	62	40	38	43	35	18	28
	Rate	23.0	23.7	33.7	22.0	19.9	23.1	19.4	10.7	17.7
4										
	Patients	649	707	747	838	861	899	908	894	896
	Deaths	19	16	18	21	19	10	15	20	15
	Rate	29.8	22.9	24.5	25.3	22.4	11.2	16.7	22.6	16.9
5										
	Patients	725	819	889	964	1,041	1,057	1,039	1,011	999
	Deaths	25	33	20	21	32	22	18	18	16
	Rate	35.0	41.2	22.8	22.1	31.3	21.1	17.5	18.0	16.2

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Level of HLA Mismatch (Total)	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total Mismatch									
6									
Patients	333	413	449	531	574	537	554	560	572
Deaths	16	14	4	8	10	8	13	9	7
Rate	49.5	34.5	9.0	15.2	17.6	15.0	23.8	16.2	12.3
Unknown									
Patients	105	67	47	41	60	45	50	82	54
Deaths	3	1	0	1	2	2	1	1	0
Rate	29.3	15.1	0.0	24.7	34.3	46.0	20.3	12.3	0.0

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total									
Patients	5,472	6,020	6,227	6,458	6,636	6,567	6,429	6,034	5,959
Deaths	138	157	142	121	135	135	109	88	91
Rate	25.6	26.5	23.1	18.9	20.6	20.8	17.1	14.7	15.4
Alabama									
Patients	112	145	162	173	157	176	168	137	100
Deaths	0	4	2	3	2	4	0	0	3
Rate	0.0	28.0	12.5	17.5	12.8	23.2	0.0	0.0	30.7
Arkansas									
Patients	45	37	39	39	38	38	31	22	16
Deaths	0	2	2	1	1	0	1	0	1
Rate	0.0	56.3	52.2	26.1	26.9	0.0	32.5	0.0	66.4
Arizona									
Patients	90	130	137	134	147	148	166	174	161
Deaths	2	3	1	2	2	2	4	1	2
Rate	22.5	23.5	7.3	15.0	13.6	13.7	24.4	5.8	12.5
California									
Patients	620	647	669	733	742	661	638	689	707
Deaths	14	12	10	14	10	10	6	7	7
Rate	22.8	18.8	15.1	19.3	13.6	15.3	9.5	10.2	10.0
Colorado									
Patients	95	81	77	79	81	111	118	107	116
Deaths	2	5	2	2	1	2	2	1	2
Rate	21.2	64.1	26.4	25.7	12.4	18.2	17.0	9.4	17.3
Connecticut									
Patients	75	85	74	58	48	42	54	59	52
Deaths	0	0	1	1	0	2	0	1	0
Rate	0.0	0.0	13.7	17.3	0.0	48.2	0.0	17.1	0.0
District of Columbia									
Patients	106	98	103	113	84	92	93	79	79
Deaths	5	1	4	2	1	1	0	0	1
Rate	48.6	10.3	39.5	17.9	12.0	11.0	0.0	0.0	12.8

(Continued)

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

Notes:

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Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Delaware									
Patients	2	4	5	2	3	-	-	9	7
Deaths	0	0	0	0	0	-	-	0	0
Rate	*	*	*	*	*	-	-	*	*
Florida									
Patients	154	193	153	199	250	227	222	200	203
Deaths	8	3	3	2	2	7	1	8	1
Rate	53.3	15.7	19.8	10.1	8.0	31.5	4.5	41.0	5.0
Georgia									
Patients	98	104	124	110	150	115	109	127	118
Deaths	1	2	2	0	2	6	1	1	0
Rate	10.3	19.5	16.4	0.0	13.5	53.7	9.2	7.9	0.0
Hawaii									
Patients	7	13	21	11	16	33	15	12	16
Deaths	0	0	0	0	0	0	0	1	0
Rate	*	0.0	0.0	0.0	0.0	0.0	0.0	90.1	0.0
Iowa									
Patients	61	54	49	61	59	46	39	32	39
Deaths	0	1	1	0	1	0	1	0	0
Rate	0.0	18.6	20.8	0.0	17.0	0.0	25.8	0.0	0.0
Illinois									
Patients	234	269	310	328	322	363	382	310	325
Deaths	9	5	9	3	5	11	4	6	5
Rate	39.4	18.8	29.6	9.2	15.7	30.8	10.6	19.5	15.6
Indiana									
Patients	58	65	67	59	80	76	107	92	100
Deaths	1	0	1	0	0	1	0	2	4
Rate	17.4	0.0	15.0	0.0	0.0	13.3	0.0	21.8	41.0
Kansas									
Patients	25	28	27	31	19	25	22	18	30
Deaths	0	2	1	1	0	0	0	0	0
Rate	0.0	73.3	37.7	32.4	0.0	0.0	0.0	0.0	0.0

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Kentucky									
Patients	41	47	37	38	35	49	26	44	36
Deaths	1	2	1	1	1	0	1	0	3
Rate	24.6	43.9	27.7	27.0	28.7	0.0	39.7	0.0	87.7
Louisiana									
Patients	66	74	69	79	106	70	63	87	66
Deaths	1	3	0	2	5	1	0	3	3
Rate	15.2	41.7	0.0	26.0	48.7	14.3	0.0	34.9	46.5
Massachusetts									
Patients	184	178	175	201	216	204	206	216	197
Deaths	7	9	2	0	6	2	2	3	4
Rate	39.3	52.3	11.5	0.0	28.3	9.9	9.8	14.0	20.6
Maryland									
Patients	231	215	183	179	200	190	206	155	152
Deaths	8	5	7	4	6	2	10	5	4
Rate	35.7	23.6	39.4	22.5	30.5	10.5	49.8	32.8	26.9
Maine									
Patients	26	39	30	28	26	19	27	24	23
Deaths	1	1	3	0	1	0	0	2	2
Rate	38.8	26.1	105.0	0.0	39.5	0.0	0.0	85.7	92.2
Michigan									
Patients	248	232	251	279	281	273	243	221	208
Deaths	6	7	8	4	6	6	3	7	4
Rate	24.5	30.9	32.6	14.4	21.6	22.1	12.4	32.3	19.5
Minnesota									
Patients	288	398	357	396	381	393	374	316	311
Deaths	10	17	8	10	12	10	10	3	2
Rate	35.5	43.7	22.7	25.6	32.1	25.8	27.2	9.6	6.4
Missouri									
Patients	127	127	98	106	133	141	132	144	107
Deaths	2	3	2	1	4	2	1	3	0
Rate	15.8	24.1	20.8	9.5	30.6	14.3	7.6	21.1	0.0

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
Mississippi									
Patients	1	2	4	1	-	-	-	3	3
Deaths	0	0	0	0	-	-	-	0	1
Rate	*	*	*	*	-	-	-	*	*
North Carolina									
Patients	121	152	159	183	161	152	123	117	115
Deaths	1	4	6	1	8	5	1	5	1
Rate	8.3	26.5	38.8	5.5	51.4	33.5	8.1	43.8	8.8
North Dakota									
Patients	12	32	22	37	24	26	26	20	15
Deaths	0	1	1	4	0	1	0	0	1
Rate	0.0	32.1	46.9	114.0	0.0	39.1	0.0	0.0	71.4
Nebraska									
Patients	32	34	43	45	54	55	72	58	45
Deaths	0	0	0	1	1	0	1	1	1
Rate	0.0	0.0	0.0	22.6	18.6	0.0	14.1	17.5	22.3
New Hampshire									
Patients	12	14	15	10	18	17	18	25	18
Deaths	1	0	0	0	0	0	0	0	0
Rate	85.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey									
Patients	146	165	171	173	186	198	171	183	157
Deaths	5	5	0	1	1	4	3	3	1
Rate	35.0	30.8	0.0	5.8	5.4	20.5	17.7	16.5	6.4
New Mexico									
Patients	25	29	30	20	28	17	21	18	23
Deaths	0	2	0	1	0	2	0	0	0
Rate	0.0	71.3	0.0	50.0	0.0	131.1	0.0	0.0	0.0
Nevada									
Patients	20	24	18	17	13	20	13	12	5
Deaths	1	0	4	1	0	0	0	0	0
Rate	52.5	0.0	257.6	61.9	0.0	0.0	0.0	0.0	*

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
New York									
Patients	391	454	460	455	477	527	508	519	555
Deaths	6	8	8	6	6	8	11	6	12
Rate	15.5	17.8	17.7	13.3	12.6	15.3	21.9	11.7	21.9
Ohio									
Patients	277	322	377	328	382	394	396	317	295
Deaths	5	13	12	7	17	16	16	5	4
Rate	18.3	41.3	32.4	21.6	45.8	41.9	41.3	15.9	13.7
Oklahoma									
Patients	22	37	45	44	23	24	17	25	26
Deaths	1	1	3	0	0	0	2	0	0
Rate	45.6	27.4	69.0	0.0	0.0	0.0	125.3	0.0	0.0
Oregon									
Patients	86	104	119	130	82	95	79	83	93
Deaths	0	2	2	2	1	0	1	1	0
Rate	0.0	19.4	17.0	15.5	12.2	0.0	12.8	12.2	0.0
Pennsylvania									
Patients	266	285	327	351	368	320	338	291	293
Deaths	11	9	5	9	4	4	6	2	5
Rate	42.2	32.1	15.4	26.1	11.0	12.6	18.0	6.9	17.3
Puerto Rico									
Patients	31	32	26	28	24	22	14	9	19
Deaths	1	1	0	2	1	0	0	0	0
Rate	32.8	31.6	0.0	75.1	43.1	0.0	0.0	*	0.0
Rhode Island									
Patients	32	42	37	32	35	34	31	24	23
Deaths	1	2	1	3	2	2	0	0	0
Rate	32.1	49.6	27.7	98.1	58.6	62.1	0.0	0.0	0.0
South Carolina									
Patients	30	26	23	26	20	32	32	39	36
Deaths	2	2	3	1	0	0	1	0	0
Rate	69.2	78.5	142.6	39.5	0.0	0.0	32.0	0.0	0.0

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
South Dakota									
Patients	8	7	9	21	23	24	18	13	8
Deaths	0	1	0	0	1	1	2	0	0
Rate	*	*	*	0.0	43.7	43.1	119.5	0.0	*
Tennessee									
Patients	111	127	144	166	147	160	146	122	101
Deaths	1	6	2	3	10	4	3	4	2
Rate	9.0	48.3	14.0	18.3	70.3	25.3	20.8	33.3	20.0
Texas									
Patients	320	285	360	357	341	340	354	341	416
Deaths	6	6	14	13	3	6	5	6	6
Rate	19.0	21.3	39.6	37.3	8.8	17.8	14.3	17.8	14.6
Utah									
Patients	66	76	75	90	93	66	98	92	80
Deaths	4	0	1	0	3	0	1	0	0
Rate	62.7	0.0	13.3	0.0	32.9	0.0	10.3	0.0	0.0
Virginia									
Patients	165	172	174	181	209	211	191	168	168
Deaths	9	5	4	4	8	8	4	0	4
Rate	56.0	29.4	23.4	22.4	38.8	38.9	21.2	0.0	24.3
Vermont									
Patients	8	4	-	12	10	14	12	16	17
Deaths	0	0	-	0	0	1	1	1	0
Rate	*	*	-	0.0	0.0	73.4	90.1	64.3	0.0
Washington									
Patients	135	154	145	136	129	128	112	104	113
Deaths	5	1	5	7	1	1	1	0	2
Rate	38.1	6.5	35.0	53.3	7.8	7.8	8.9	0.0	17.9
Wisconsin									
Patients	143	158	207	158	198	182	183	152	154
Deaths	0	1	1	2	0	3	3	0	3
Rate	0.0	6.3	4.9	12.7	0.0	16.6	16.6	0.0	19.7

(Continued)

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.

Table 5.7d (Continued)
Patients and Annual Death Rates Per 1,000 Patient-Years at Risk, 2000 to 2008
Rates for Recipients during First Year after Living Donor Kidney Transplantation

Transplant Center State	Year of Transplant								
	2000	2001	2002	2003	2004	2005	2006	2007	2008
West Virginia									
Patients	19	20	20	21	17	17	15	9	12
Deaths	0	0	0	0	0	0	0	0	0
Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0

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

Notes:

(-) = None in category.

(*) = For cohorts with fewer than 10 patients, rates are imprecise and are not reported.

Multi-organ transplants are excluded.

Includes patients transplanted during the year and having reported data one-year after transplant. Time at risk covers the period from transplant date until the date of death or one-year anniversary of the transplant. See Technical Notes for further details.