

Table 5.4c
Transplant Recipient Characteristics, 1998 to 2007
Recipients of Deceased Donor Kidneys

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Total	8,032	8,043	8,124	8,231	8,539	8,667	9,357	9,913	10,659	10,586
Age at Transplant										
<1 Year	-	2	-	-	-	-	1	2	2	1
1-5 Years	42	50	37	42	49	53	48	59	83	84
6-11 Years	82	87	67	77	84	94	87	106	117	103
12-17 Years	165	214	178	170	192	234	245	301	380	308
18-34 Years	1,367	1,315	1,309	1,247	1,225	1,104	1,239	1,164	1,207	1,106
35-49 Years	2,835	2,691	2,689	2,665	2,653	2,545	2,753	2,733	2,782	2,810
50-64 Years	2,821	2,956	2,975	3,128	3,322	3,465	3,701	3,980	4,344	4,398
65+ Years	720	728	869	902	1,014	1,172	1,283	1,568	1,744	1,776
Age at Transplant (%)										
<1 Year	-	0.0%	-	-	-	-	0.0%	0.0%	0.0%	0.0%
1-5 Years	0.5%	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.6%	0.8%	0.8%
6-11 Years	1.0%	1.1%	0.8%	0.9%	1.0%	1.1%	0.9%	1.1%	1.1%	1.0%
12-17 Years	2.1%	2.7%	2.2%	2.1%	2.2%	2.7%	2.6%	3.0%	3.6%	2.9%
18-34 Years	17.0%	16.3%	16.1%	15.2%	14.3%	12.7%	13.2%	11.7%	11.3%	10.4%
35-49 Years	35.3%	33.5%	33.1%	32.4%	31.1%	29.4%	29.4%	27.6%	26.1%	26.5%
50-64 Years	35.1%	36.8%	36.6%	38.0%	38.9%	40.0%	39.6%	40.1%	40.8%	41.5%
65+ Years	9.0%	9.1%	10.7%	11.0%	11.9%	13.5%	13.7%	15.8%	16.4%	16.8%
Recipient Ethnicity/Race										
White	4,452	4,439	4,366	4,329	4,387	4,310	4,563	4,791	5,084	5,006
African American	2,202	2,211	2,330	2,425	2,521	2,607	2,761	2,988	3,227	3,272
Other/Multi-race	83	100	87	69	95	105	151	140	168	132
Asian	410	392	417	403	433	490	571	605	642	610
Hispanic/Latino	884	901	924	1,005	1,102	1,155	1,311	1,389	1,538	1,566
Unknown	1	-	-	-	1	-	-	-	-	-
Recipient Ethnicity/Race (%)										
White	55.4%	55.2%	53.7%	52.6%	51.4%	49.7%	48.8%	48.3%	47.7%	47.3%
African American	27.4%	27.5%	28.7%	29.5%	29.5%	30.1%	29.5%	30.1%	30.3%	30.9%
Other/Multi-race	1.0%	1.2%	1.1%	0.8%	1.1%	1.2%	1.6%	1.4%	1.6%	1.2%
Asian	5.1%	4.9%	5.1%	4.9%	5.1%	5.7%	6.1%	6.1%	6.0%	5.8%
Hispanic/Latino	11.0%	11.2%	11.4%	12.2%	12.9%	13.3%	14.0%	14.0%	14.4%	14.8%
Unknown	0.0%	-	-	-	0.0%	-	-	-	-	-
Recipient Gender										
Female	3,199	3,217	3,218	3,278	3,441	3,361	3,729	3,886	4,147	4,027
Male	4,833	4,826	4,906	4,953	5,098	5,306	5,628	6,027	6,512	6,559
Recipient Gender (%)										
Female	39.8%	40.0%	39.6%	39.8%	40.3%	38.8%	39.9%	39.2%	38.9%	38.0%
Male	60.2%	60.0%	60.4%	60.2%	59.7%	61.2%	60.1%	60.8%	61.1%	62.0%

Source: OPTN/SRTR Data as of May 1, 2008.

Notes:

(-) = None in category.

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Recipient Blood Type										
A	3,093	3,088	3,139	3,173	3,277	3,203	3,416	3,656	3,869	3,778
AB	382	466	419	450	459	429	445	532	580	578
B	1,006	1,044	966	991	1,039	1,023	1,230	1,266	1,415	1,324
O	3,551	3,445	3,600	3,617	3,764	4,012	4,266	4,459	4,795	4,906
Recipient Blood Type (%)										
A	38.5%	38.4%	38.6%	38.5%	38.4%	37.0%	36.5%	36.9%	36.3%	35.7%
AB	4.8%	5.8%	5.2%	5.5%	5.4%	4.9%	4.8%	5.4%	5.4%	5.5%
B	12.5%	13.0%	11.9%	12.0%	12.2%	11.8%	13.1%	12.8%	13.3%	12.5%
O	44.2%	42.8%	44.3%	43.9%	44.1%	46.3%	45.6%	45.0%	45.0%	46.3%
Previous Tx Any Organ										
No	6,848	6,874	6,803	6,971	7,281	7,424	7,921	8,443	9,064	9,120
Yes	1,184	1,169	1,321	1,260	1,258	1,243	1,436	1,470	1,595	1,466
Previous Tx Any Organ (%)										
No	85.3%	85.5%	83.7%	84.7%	85.3%	85.7%	84.7%	85.2%	85.0%	86.2%
Yes	14.7%	14.5%	16.3%	15.3%	14.7%	14.3%	15.3%	14.8%	15.0%	13.8%
Previous KI/KP Tx										
No	6,922	6,967	6,927	7,095	7,401	7,560	8,081	8,660	9,286	9,323
Yes	1,110	1,076	1,197	1,136	1,138	1,107	1,276	1,253	1,373	1,263
Previous KI/KP Tx (%)										
No	86.2%	86.6%	85.3%	86.2%	86.7%	87.2%	86.4%	87.4%	87.1%	88.1%
Yes	13.8%	13.4%	14.7%	13.8%	13.3%	12.8%	13.6%	12.6%	12.9%	11.9%
Primary Payment Source										
Private Insurance	2,577	2,689	2,764	2,616	2,727	2,705	2,822	2,892	3,263	3,046
Medicaid	440	453	451	465	499	498	530	649	767	735
Medicare	4,825	4,717	4,758	4,998	5,164	5,297	5,852	6,155	6,415	6,514
Other	149	172	149	151	149	167	152	216	213	212
Unknown	41	12	2	1	-	-	1	1	1	79
Primary Payment Source (%)										
Private Insurance	32.1%	33.4%	34.0%	31.8%	31.9%	31.2%	30.2%	29.2%	30.6%	28.8%
Medicaid	5.5%	5.6%	5.6%	5.6%	5.8%	5.7%	5.7%	6.5%	7.2%	6.9%
Medicare	60.1%	58.6%	58.6%	60.7%	60.5%	61.1%	62.5%	62.1%	60.2%	61.5%
Other	1.9%	2.1%	1.8%	1.8%	1.7%	1.9%	1.6%	2.2%	2.0%	2.0%
Unknown	0.5%	0.1%	0.0%	0.0%	-	-	0.0%	0.0%	0.0%	0.7%

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Total	8,032	8,043	8,124	8,231	8,539	8,667	9,357	9,913	10,659	10,586
Recipient Residency										
U.S. Resident	7,922	7,965	8,062	8,161	8,464	8,622	9,306	9,859	10,565	10,500
Nonresident Alien	58	49	49	59	66	42	46	51	91	84
Unknown	52	29	13	11	9	3	5	3	3	2
Recipient Residency (%)										
U.S. Resident	98.6%	99.0%	99.2%	99.1%	99.1%	99.5%	99.5%	99.5%	99.1%	99.2%
Nonresident Alien	0.7%	0.6%	0.6%	0.7%	0.8%	0.5%	0.5%	0.5%	0.9%	0.8%
Unknown	0.6%	0.4%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
Hospitalized at Tx										
In Intensive Care	69	53	71	46	41	61	84	109	94	104
Hospitalized	157	210	120	194	188	193	187	166	201	268
Not Hospitalized	7,800	7,776	7,931	7,990	8,310	8,413	9,085	9,637	10,364	10,136
Unknown	6	4	2	1	-	-	1	1	-	78
Hospitalized at Tx (%)										
In Intensive Care	0.9%	0.7%	0.9%	0.6%	0.5%	0.7%	0.9%	1.1%	0.9%	1.0%
Hospitalized	2.0%	2.6%	1.5%	2.4%	2.2%	2.2%	2.0%	1.7%	1.9%	2.5%
Not Hospitalized	97.1%	96.7%	97.6%	97.1%	97.3%	97.1%	97.1%	97.2%	97.2%	95.7%
Unknown	0.1%	0.0%	0.0%	0.0%	-	-	0.0%	0.0%	-	0.7%

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Total	8,032	8,043	8,124	8,231	8,539	8,667	9,357	9,913	10,659	10,586
Level of HLA Mismatch										
A Locus Mismatch										
0	1,811	1,891	1,895	1,848	1,783	1,697	1,974	1,962	1,952	2,111
1	2,993	2,869	2,906	3,091	3,031	3,077	3,204	3,350	3,813	3,657
2	3,193	3,239	3,286	3,264	3,677	3,829	4,105	4,513	4,806	4,717
Unknown	35	44	37	28	48	64	74	88	88	101
B Locus Mismatch										
0	1,910	1,913	1,903	1,766	1,773	1,511	1,612	1,629	1,564	1,686
1	3,085	2,914	2,869	2,936	2,849	2,335	2,171	2,179	2,382	2,315
2	3,002	3,172	3,315	3,501	3,869	4,757	5,500	6,017	6,626	6,484
Unknown	35	44	37	28	48	64	74	88	87	101
DR Locus Mismatch										
0	2,630	2,529	2,510	2,592	2,564	2,294	2,354	2,425	2,368	2,513
1	3,446	3,366	3,491	3,312	3,314	3,486	4,003	4,207	4,516	4,454
2	1,916	2,094	2,080	2,294	2,609	2,816	2,926	3,189	3,682	3,518
Unknown	40	54	43	33	52	71	74	92	93	101
Total Mismatch										
0	1,120	1,195	1,173	1,218	1,237	1,196	1,417	1,447	1,371	1,495
1	367	351	365	253	196	136	97	72	81	84
2	863	745	744	753	706	478	323	313	354	376
3	1,752	1,598	1,561	1,605	1,501	1,205	1,140	1,173	1,212	1,190
4	1,751	1,776	1,865	1,856	1,952	2,087	2,418	2,475	2,789	2,698
5	1,441	1,543	1,616	1,631	1,791	2,331	2,723	3,000	3,209	3,186
6	692	779	756	882	1,103	1,161	1,165	1,341	1,550	1,456
Unknown	46	56	44	33	53	73	74	92	93	101
A Locus Mismatch (%)										
0	22.5%	23.5%	23.3%	22.5%	20.9%	19.6%	21.1%	19.8%	18.3%	19.9%
1	37.3%	35.7%	35.8%	37.6%	35.5%	35.5%	34.2%	33.8%	35.8%	34.5%
2	39.8%	40.3%	40.4%	39.7%	43.1%	44.2%	43.9%	45.5%	45.1%	44.6%
Unknown	0.4%	0.5%	0.5%	0.3%	0.6%	0.7%	0.8%	0.9%	0.8%	1.0%
B Locus Mismatch (%)										
0	23.8%	23.8%	23.4%	21.5%	20.8%	17.4%	17.2%	16.4%	14.7%	15.9%
1	38.4%	36.2%	35.3%	35.7%	33.4%	26.9%	23.2%	22.0%	22.3%	21.9%
2	37.4%	39.4%	40.8%	42.5%	45.3%	54.9%	58.8%	60.7%	62.2%	61.3%
Unknown	0.4%	0.5%	0.5%	0.3%	0.6%	0.7%	0.8%	0.9%	0.8%	1.0%

(Continued)

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	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
DR Locus Mismatch (%)										
0	32.7%	31.4%	30.9%	31.5%	30.0%	26.5%	25.2%	24.5%	22.2%	23.7%
1	42.9%	41.9%	43.0%	40.2%	38.8%	40.2%	42.8%	42.4%	42.4%	42.1%
2	23.9%	26.0%	25.6%	27.9%	30.6%	32.5%	31.3%	32.2%	34.5%	33.2%
Unknown	0.5%	0.7%	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.9%	1.0%
Total Mismatch (%)										
0	13.9%	14.9%	14.4%	14.8%	14.5%	13.8%	15.1%	14.6%	12.9%	14.1%
1	4.6%	4.4%	4.5%	3.1%	2.3%	1.6%	1.0%	0.7%	0.8%	0.8%
2	10.7%	9.3%	9.2%	9.1%	8.3%	5.5%	3.5%	3.2%	3.3%	3.6%
3	21.8%	19.9%	19.2%	19.5%	17.6%	13.9%	12.2%	11.8%	11.4%	11.2%
4	21.8%	22.1%	23.0%	22.5%	22.9%	24.1%	25.8%	25.0%	26.2%	25.5%
5	17.9%	19.2%	19.9%	19.8%	21.0%	26.9%	29.1%	30.3%	30.1%	30.1%
6	8.6%	9.7%	9.3%	10.7%	12.9%	13.4%	12.5%	13.5%	14.5%	13.8%
Unknown	0.6%	0.7%	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.9%	1.0%

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Total	8,032	8,043	8,124	8,231	8,539	8,667	9,357	9,913	10,659	10,586
PRA at Transplant										
0-9%	6,830	6,577	6,732	6,849	6,999	6,971	7,208	7,659	8,111	7,951
10-79%	891	926	957	891	954	1,014	1,297	1,272	1,509	1,430
80%+	178	231	253	278	317	329	419	479	594	601
Unknown	133	309	182	213	269	353	433	503	445	604
PRA at Transplant (%)										
0-9%	85.0%	81.8%	82.9%	83.2%	82.0%	80.4%	77.0%	77.3%	76.1%	75.1%
10-79%	11.1%	11.5%	11.8%	10.8%	11.2%	11.7%	13.9%	12.8%	14.2%	13.5%
80%+	2.2%	2.9%	3.1%	3.4%	3.7%	3.8%	4.5%	4.8%	5.6%	5.7%
Unknown	1.7%	3.8%	2.2%	2.6%	3.2%	4.1%	4.6%	5.1%	4.2%	5.7%
Peak PRA										
0-9%	5,367	5,320	5,298	5,527	5,785	5,761	6,021	6,361	6,627	6,635
10-79%	1,956	1,905	1,925	1,823	1,842	1,912	2,133	2,300	2,604	2,483
80%+	688	782	845	834	846	905	1,107	1,154	1,326	1,353
Unknown	21	36	56	47	66	89	96	98	102	115
Peak PRA (%)										
0-9%	66.8%	66.1%	65.2%	67.1%	67.7%	66.5%	64.3%	64.2%	62.2%	62.7%
10-79%	24.4%	23.7%	23.7%	22.1%	21.6%	22.1%	22.8%	23.2%	24.4%	23.5%
80%+	8.6%	9.7%	10.4%	10.1%	9.9%	10.4%	11.8%	11.6%	12.4%	12.8%
Unknown	0.3%	0.4%	0.7%	0.6%	0.8%	1.0%	1.0%	1.0%	1.0%	1.1%

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Primary Diagnosis										
Other	723	653	744	774	735	783	819	915	1,048	1,046
Glomerular Diseases	2,224	2,202	2,190	2,094	2,197	2,093	2,330	2,322	2,566	2,315
Tubular and Interstitial Diseases	528	491	517	457	457	526	526	558	568	534
Polycystic Kidneys	750	776	765	736	752	731	746	829	889	876
Congenital, Rare Familial, & Metabolic Disorders	221	257	186	183	205	236	250	267	309	293
Diabetes	1,688	1,691	1,639	1,736	1,902	1,950	2,190	2,372	2,378	2,535
Renovascular & Other Vascular Diseases	430	464	454	438	514	488	439	380	344	340
Neoplasms	13	25	23	28	24	28	30	38	41	40
Hypertensive Nephrosclerosis	1,336	1,343	1,400	1,581	1,577	1,724	1,911	2,137	2,442	2,540
Unknown	119	141	206	204	176	108	116	95	74	67
Primary Diagnosis (%)										
Other	9.0%	8.1%	9.2%	9.4%	8.6%	9.0%	8.8%	9.2%	9.8%	9.9%
Glomerular Diseases	27.7%	27.4%	27.0%	25.4%	25.7%	24.1%	24.9%	23.4%	24.1%	21.9%
Tubular and Interstitial Diseases	6.6%	6.1%	6.4%	5.6%	5.4%	6.1%	5.6%	5.6%	5.3%	5.0%
Polycystic Kidneys	9.3%	9.6%	9.4%	8.9%	8.8%	8.4%	8.0%	8.4%	8.3%	8.3%
Congenital, Rare Familial, & Metabolic Disorders	2.8%	3.2%	2.3%	2.2%	2.4%	2.7%	2.7%	2.7%	2.9%	2.8%
Diabetes	21.0%	21.0%	20.2%	21.1%	22.3%	22.5%	23.4%	23.9%	22.3%	23.9%
Renovascular & Other Vascular Diseases	5.4%	5.8%	5.6%	5.3%	6.0%	5.6%	4.7%	3.8%	3.2%	3.2%
Neoplasms	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%
Hypertensive Nephrosclerosis	16.6%	16.7%	17.2%	19.2%	18.5%	19.9%	20.4%	21.6%	22.9%	24.0%
Unknown	1.5%	1.8%	2.5%	2.5%	2.1%	1.2%	1.2%	1.0%	0.7%	0.6%
Cold Ischemic Time										
0-11 Hours	951	1,032	1,070	1,251	1,433	1,643	1,699	2,056	2,409	2,462
12-21 Hours	3,407	3,163	3,156	3,152	3,498	3,469	3,808	3,874	4,311	4,216
22-31 Hours	2,387	2,209	2,123	1,981	1,934	1,893	2,068	2,239	2,214	2,265
32-41 Hours	656	526	470	408	399	355	380	400	471	458
42+ Hours	92	92	72	82	76	84	80	117	152	195
Unknown	539	1,021	1,233	1,357	1,199	1,223	1,322	1,227	1,102	990
Cold Ischemic Time (%)										
0-11 Hours	11.8%	12.8%	13.2%	15.2%	16.8%	19.0%	18.2%	20.7%	22.6%	23.3%
12-21 Hours	42.4%	39.3%	38.8%	38.3%	41.0%	40.0%	40.7%	39.1%	40.4%	39.8%
22-31 Hours	29.7%	27.5%	26.1%	24.1%	22.6%	21.8%	22.1%	22.6%	20.8%	21.4%
32-41 Hours	8.2%	6.5%	5.8%	5.0%	4.7%	4.1%	4.1%	4.0%	4.4%	4.3%
42+ Hours	1.1%	1.1%	0.9%	1.0%	0.9%	1.0%	0.9%	1.2%	1.4%	1.8%
Unknown	6.7%	12.7%	15.2%	16.5%	14.0%	14.1%	14.1%	12.4%	10.3%	9.4%

Source: OPTN/SRTR Data as of May 1, 2008.

Notes:

(-) = None in category.

These data include multi-organ transplants, other than kidney-pancreas, in which a deceased donor kidney was one of the organs transplanted.

Donors are divided into two mutually exclusive and complete categories. All donors meeting the criteria for Expanded Criteria Donors for Kidney are classified as ECD, regardless of whether the kidneys were allocated under the ECD system. Non-ECDs include all other donors, including SCDs and DCDs.