

Table 5.4c
Transplant Recipient Characteristics, 2000 to 2009
Recipients of Deceased Donor Kidneys

	Year of Transplant									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	8,126	8,234	8,539	8,667	9,359	9,913	10,661	10,591	10,553	10,442
Age at Transplant										
<1 Year	-	-	-	-	1	2	2	1	1	1
1-5 Years	37	42	49	53	48	59	83	84	64	97
6-11 Years	67	77	84	94	87	106	117	103	114	111
12-17 Years	177	170	192	234	245	301	380	308	301	321
18-34 Years	1,310	1,246	1,225	1,104	1,239	1,164	1,207	1,106	1,087	1,000
35-49 Years	2,691	2,668	2,653	2,545	2,752	2,734	2,781	2,808	2,711	2,643
50-64 Years	2,974	3,128	3,322	3,464	3,704	3,979	4,349	4,404	4,411	4,363
65+ Years	870	903	1,014	1,173	1,283	1,568	1,742	1,777	1,864	1,906
Age at Transplant (%)										
<1 Year	-	-	-	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
1-5 Years	0.5%	0.5%	0.6%	0.6%	0.5%	0.6%	0.8%	0.8%	0.6%	0.9%
6-11 Years	0.8%	0.9%	1.0%	1.1%	0.9%	1.1%	1.1%	1.0%	1.1%	1.1%
12-17 Years	2.2%	2.1%	2.2%	2.7%	2.6%	3.0%	3.6%	2.9%	2.9%	3.1%
18-34 Years	16.1%	15.1%	14.3%	12.7%	13.2%	11.7%	11.3%	10.4%	10.3%	9.6%
35-49 Years	33.1%	32.4%	31.1%	29.4%	29.4%	27.6%	26.1%	26.5%	25.7%	25.3%
50-64 Years	36.6%	38.0%	38.9%	40.0%	39.6%	40.1%	40.8%	41.6%	41.8%	41.8%
65+ Years	10.7%	11.0%	11.9%	13.5%	13.7%	15.8%	16.3%	16.8%	17.7%	18.3%
Age										
Mean	47.0	47.5	48.0	48.7	48.8	49.5	49.5	50.1	50.5	50.7
SD	14.4	14.4	14.6	14.9	14.7	15.3	15.6	15.3	15.3	15.6
Recipient Ethnicity/Race										
White	4,368	4,333	4,388	4,311	4,565	4,796	5,085	5,002	4,886	4,759
African American	2,330	2,424	2,521	2,607	2,763	2,988	3,234	3,275	3,261	3,378
Other/Multi-race	88	69	95	105	148	134	159	130	140	155
Asian	417	403	433	490	570	605	644	614	638	618
Hispanic/Latino	923	1,005	1,101	1,154	1,313	1,390	1,539	1,570	1,628	1,532
Unknown	-	-	1	-	-	-	-	-	-	-
Recipient Ethnicity/Race (%)										
White	53.8%	52.6%	51.4%	49.7%	48.8%	48.4%	47.7%	47.2%	46.3%	45.6%
African American	28.7%	29.4%	29.5%	30.1%	29.5%	30.1%	30.3%	30.9%	30.9%	32.4%
Other/Multi-race	1.1%	0.8%	1.1%	1.2%	1.6%	1.4%	1.5%	1.2%	1.3%	1.5%
Asian	5.1%	4.9%	5.1%	5.7%	6.1%	6.1%	6.0%	5.8%	6.0%	5.9%
Hispanic/Latino	11.4%	12.2%	12.9%	13.3%	14.0%	14.0%	14.4%	14.8%	15.4%	14.7%
Unknown	-	-	0.0%	-	-	-	-	-	-	-
Recipient Gender										
Female	3,221	3,281	3,444	3,364	3,728	3,894	4,154	4,027	4,122	4,183
Male	4,905	4,953	5,095	5,303	5,631	6,019	6,507	6,564	6,431	6,259
Recipient Gender (%)										
Female	39.6%	39.8%	40.3%	38.8%	39.8%	39.3%	39.0%	38.0%	39.1%	40.1%
Male	60.4%	60.2%	59.7%	61.2%	60.2%	60.7%	61.0%	62.0%	60.9%	59.9%

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

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Recipient Blood Type										
A	3,141	3,174	3,277	3,203	3,418	3,656	3,870	3,778	3,876	3,815
AB	419	450	459	429	445	532	580	579	534	554
B	966	991	1,039	1,023	1,230	1,266	1,415	1,326	1,478	1,347
O	3,600	3,619	3,764	4,012	4,266	4,459	4,796	4,908	4,665	4,726
Recipient Blood Type (%)										
A	38.7%	38.5%	38.4%	37.0%	36.5%	36.9%	36.3%	35.7%	36.7%	36.5%
AB	5.2%	5.5%	5.4%	4.9%	4.8%	5.4%	5.4%	5.5%	5.1%	5.3%
B	11.9%	12.0%	12.2%	11.8%	13.1%	12.8%	13.3%	12.5%	14.0%	12.9%
O	44.3%	44.0%	44.1%	46.3%	45.6%	45.0%	45.0%	46.3%	44.2%	45.3%
Previous Tx Any Organ										
No	6,805	6,975	7,281	7,425	7,924	8,436	9,060	9,118	9,120	8,926
Yes	1,321	1,259	1,258	1,242	1,435	1,477	1,601	1,473	1,433	1,516
Previous Tx Any Organ (%)										
No	83.7%	84.7%	85.3%	85.7%	84.7%	85.1%	85.0%	86.1%	86.4%	85.5%
Yes	16.3%	15.3%	14.7%	14.3%	15.3%	14.9%	15.0%	13.9%	13.6%	14.5%
Previous KI/KP Tx										
No	6,929	7,098	7,401	7,561	8,085	8,656	9,284	9,323	9,343	9,126
Yes	1,197	1,136	1,138	1,106	1,274	1,257	1,377	1,268	1,210	1,316
Previous KI/KP Tx (%)										
No	85.3%	86.2%	86.7%	87.2%	86.4%	87.3%	87.1%	88.0%	88.5%	87.4%
Yes	14.7%	13.8%	13.3%	12.8%	13.6%	12.7%	12.9%	12.0%	11.5%	12.6%
Primary Payment Source										
Private Insurance	2,765	2,617	2,729	2,708	2,823	2,879	3,259	3,077	3,135	2,856
Medicaid	451	465	499	500	523	650	748	722	667	573
Medicare	4,759	5,000	5,163	5,291	5,859	6,168	6,439	6,581	6,548	6,763
Other	149	151	148	168	152	215	214	205	203	248
Unknown	2	1	-	-	2	1	1	6	-	2
Primary Payment Source (%)										
Private Insurance	34.0%	31.8%	32.0%	31.2%	30.2%	29.0%	30.6%	29.1%	29.7%	27.4%
Medicaid	5.6%	5.6%	5.8%	5.8%	5.6%	6.6%	7.0%	6.8%	6.3%	5.5%
Medicare	58.6%	60.7%	60.5%	61.0%	62.6%	62.2%	60.4%	62.1%	62.0%	64.8%
Other	1.8%	1.8%	1.7%	1.9%	1.6%	2.2%	2.0%	1.9%	1.9%	2.4%
Unknown	0.0%	0.0%	-	-	0.0%	0.0%	0.0%	0.1%	-	0.0%

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Total	8,126	8,234	8,539	8,667	9,359	9,913	10,661	10,591	10,553	10,442
Recipient Residency										
U.S. Resident	8,064	8,165	8,464	8,622	9,308	9,867	10,582	10,523	10,467	10,368
Nonresident Alien	49	58	66	42	46	43	76	68	86	74
Unknown	13	11	9	3	5	3	3	-	-	-
Recipient Residency (%)										
U.S. Resident	99.2%	99.2%	99.1%	99.5%	99.5%	99.5%	99.3%	99.4%	99.2%	99.3%
Nonresident Alien	0.6%	0.7%	0.8%	0.5%	0.5%	0.4%	0.7%	0.6%	0.8%	0.7%
Unknown	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	-	-	-
Hospitalized at Tx										
In Intensive Care	71	46	41	61	82	109	93	103	86	73
Hospitalized	120	194	187	192	186	164	198	230	211	168
Not Hospitalized	7,933	7,993	8,311	8,414	9,089	9,639	10,370	10,253	10,256	10,200
Unknown	2	1	-	-	2	1	-	5	-	1
Hospitalized at Tx (%)										
In Intensive Care	0.9%	0.6%	0.5%	0.7%	0.9%	1.1%	0.9%	1.0%	0.8%	0.7%
Hospitalized	1.5%	2.4%	2.2%	2.2%	2.0%	1.7%	1.9%	2.2%	2.0%	1.6%
Not Hospitalized	97.6%	97.1%	97.3%	97.1%	97.1%	97.2%	97.3%	96.8%	97.2%	97.7%
Unknown	0.0%	0.0%	-	-	0.0%	0.0%	-	0.0%	-	0.0%

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Total	8,126	8,234	8,539	8,667	9,359	9,913	10,661	10,591	10,553	10,442
Level of HLA Mismatch										
A Locus Mismatch										
0	1,896	1,849	1,783	1,698	1,974	1,962	1,952	2,112	2,104	1,441
1	2,906	3,092	3,031	3,077	3,206	3,354	3,814	3,659	3,638	3,880
2	3,287	3,265	3,678	3,830	4,106	4,516	4,808	4,722	4,737	5,051
Unknown	37	28	47	62	73	81	87	98	74	70
B Locus Mismatch										
0	1,902	1,769	1,773	1,511	1,612	1,629	1,564	1,686	1,700	1,030
1	2,870	2,936	2,848	2,334	2,171	2,181	2,383	2,316	2,391	2,521
2	3,317	3,501	3,871	4,760	5,503	6,022	6,628	6,491	6,388	6,821
Unknown	37	28	47	62	73	81	86	98	74	70
DR Locus Mismatch										
0	2,512	2,596	2,565	2,293	2,354	2,425	2,366	2,513	2,514	1,902
1	3,490	3,311	3,315	3,487	4,005	4,210	4,519	4,458	4,337	4,704
2	2,081	2,294	2,608	2,818	2,927	3,193	3,682	3,522	3,627	3,766
Unknown	43	33	51	69	73	85	94	98	75	70
Total Mismatch										
0	1,174	1,220	1,238	1,197	1,417	1,447	1,371	1,495	1,483	803
1	364	252	195	135	97	72	79	84	96	89
2	744	756	706	478	323	313	354	376	398	418
3	1,562	1,604	1,502	1,203	1,140	1,173	1,213	1,189	1,253	1,351
4	1,865	1,856	1,951	2,089	2,420	2,478	2,789	2,702	2,556	2,783
5	1,616	1,631	1,791	2,332	2,723	3,003	3,211	3,190	3,161	3,297
6	757	882	1,104	1,162	1,166	1,342	1,550	1,457	1,531	1,631
Unknown	44	33	52	71	73	85	94	98	75	70
A Locus Mismatch (%)										
0	23.3%	22.5%	20.9%	19.6%	21.1%	19.8%	18.3%	19.9%	19.9%	13.8%
1	35.8%	37.6%	35.5%	35.5%	34.3%	33.8%	35.8%	34.5%	34.5%	37.2%
2	40.5%	39.7%	43.1%	44.2%	43.9%	45.6%	45.1%	44.6%	44.9%	48.4%
Unknown	0.5%	0.3%	0.6%	0.7%	0.8%	0.8%	0.8%	0.9%	0.7%	0.7%
B Locus Mismatch (%)										
0	23.4%	21.5%	20.8%	17.4%	17.2%	16.4%	14.7%	15.9%	16.1%	9.9%
1	35.3%	35.7%	33.4%	26.9%	23.2%	22.0%	22.4%	21.9%	22.7%	24.1%
2	40.8%	42.5%	45.3%	54.9%	58.8%	60.7%	62.2%	61.3%	60.5%	65.3%
Unknown	0.5%	0.3%	0.6%	0.7%	0.8%	0.8%	0.8%	0.9%	0.7%	0.7%

(Continued)

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	Year of Transplant									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
DR Locus Mismatch (%)										
0	30.9%	31.5%	30.0%	26.5%	25.2%	24.5%	22.2%	23.7%	23.8%	18.2%
1	42.9%	40.2%	38.8%	40.2%	42.8%	42.5%	42.4%	42.1%	41.1%	45.0%
2	25.6%	27.9%	30.5%	32.5%	31.3%	32.2%	34.5%	33.3%	34.4%	36.1%
Unknown	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.9%	0.9%	0.7%	0.7%
Total Mismatch (%)										
0	14.4%	14.8%	14.5%	13.8%	15.1%	14.6%	12.9%	14.1%	14.1%	7.7%
1	4.5%	3.1%	2.3%	1.6%	1.0%	0.7%	0.7%	0.8%	0.9%	0.9%
2	9.2%	9.2%	8.3%	5.5%	3.5%	3.2%	3.3%	3.6%	3.8%	4.0%
3	19.2%	19.5%	17.6%	13.9%	12.2%	11.8%	11.4%	11.2%	11.9%	12.9%
4	23.0%	22.5%	22.8%	24.1%	25.9%	25.0%	26.2%	25.5%	24.2%	26.7%
5	19.9%	19.8%	21.0%	26.9%	29.1%	30.3%	30.1%	30.1%	30.0%	31.6%
6	9.3%	10.7%	12.9%	13.4%	12.5%	13.5%	14.5%	13.8%	14.5%	15.6%
Unknown	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.9%	0.9%	0.7%	0.7%

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PRA at Transplant										
0-9%	6,733	6,849	7,000	6,973	7,210	7,661	8,110	8,011	7,913	7,081
10-79%	957	893	954	1,014	1,298	1,274	1,511	1,449	1,523	1,882
80%+	253	278	317	330	419	480	595	606	644	823
Unknown	183	214	268	350	432	498	445	525	473	656
PRA at Transplant (%)										
0-9%	82.9%	83.2%	82.0%	80.5%	77.0%	77.3%	76.1%	75.6%	75.0%	67.8%
10-79%	11.8%	10.8%	11.2%	11.7%	13.9%	12.9%	14.2%	13.7%	14.4%	18.0%
80%+	3.1%	3.4%	3.7%	3.8%	4.5%	4.8%	5.6%	5.7%	6.1%	7.9%
Unknown	2.3%	2.6%	3.1%	4.0%	4.6%	5.0%	4.2%	5.0%	4.5%	6.3%
Peak PRA										
0-9%	5,299	5,528	5,785	5,763	6,022	6,360	6,627	6,637	6,575	5,794
10-79%	1,925	1,825	1,842	1,912	2,134	2,299	2,604	2,482	2,497	2,868
80%+	845	834	846	905	1,107	1,155	1,328	1,357	1,381	1,688
Unknown	57	47	66	87	96	99	102	115	100	92
Peak PRA (%)										
0-9%	65.2%	67.1%	67.7%	66.5%	64.3%	64.2%	62.2%	62.7%	62.3%	55.5%
10-79%	23.7%	22.2%	21.6%	22.1%	22.8%	23.2%	24.4%	23.4%	23.7%	27.5%
80%+	10.4%	10.1%	9.9%	10.4%	11.8%	11.7%	12.5%	12.8%	13.1%	16.2%
Unknown	0.7%	0.6%	0.8%	1.0%	1.0%	1.0%	1.0%	1.1%	0.9%	0.9%

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Primary Diagnosis										
Glomerular Diseases	2,191	2,095	2,196	2,089	2,322	2,326	2,560	2,317	2,342	2,313
Diabetes	1,638	1,736	1,901	1,950	2,206	2,385	2,396	2,582	2,658	2,581
Hypertensive Nephrosclerosis	1,403	1,583	1,580	1,738	1,951	2,204	2,493	2,617	2,596	2,554
Polycystic Kidneys	765	736	752	729	741	826	881	870	822	879
Tubular and Interstitial Diseases	517	457	457	521	518	554	582	551	526	501
Renovascular & Other Vascular Diseases	454	437	514	488	436	363	332	305	279	276
Congenital, Rare Familial, & Metabolic Disorders	187	184	206	237	250	264	305	295	314	300
Neoplasms	23	28	24	28	30	38	39	39	40	43
Other	744	773	735	781	793	861	1,001	954	931	939
Unknown	204	205	174	106	112	92	72	61	45	56
Primary Diagnosis (%)										
Glomerular Diseases	27.0%	25.4%	25.7%	24.1%	24.8%	23.5%	24.0%	21.9%	22.2%	22.2%
Diabetes	20.2%	21.1%	22.3%	22.5%	23.6%	24.1%	22.5%	24.4%	25.2%	24.7%
Hypertensive Nephrosclerosis	17.3%	19.2%	18.5%	20.1%	20.8%	22.2%	23.4%	24.7%	24.6%	24.5%
Polycystic Kidneys	9.4%	8.9%	8.8%	8.4%	7.9%	8.3%	8.3%	8.2%	7.8%	8.4%
Tubular and Interstitial Diseases	6.4%	5.6%	5.4%	6.0%	5.5%	5.6%	5.5%	5.2%	5.0%	4.8%
Renovascular & Other Vascular Diseases	5.6%	5.3%	6.0%	5.6%	4.7%	3.7%	3.1%	2.9%	2.6%	2.6%
Congenital, Rare Familial, & Metabolic Disorders	2.3%	2.2%	2.4%	2.7%	2.7%	2.7%	2.9%	2.8%	3.0%	2.9%
Neoplasms	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%
Other	9.2%	9.4%	8.6%	9.0%	8.5%	8.7%	9.4%	9.0%	8.8%	9.0%
Unknown	2.5%	2.5%	2.0%	1.2%	1.2%	0.9%	0.7%	0.6%	0.4%	0.5%
Cold Ischemic Time										
0-11 Hours	1,070	1,251	1,433	1,644	1,703	2,048	2,444	2,495	2,455	2,883
12-21 Hours	3,156	3,152	3,498	3,470	3,831	3,940	4,373	4,336	4,460	4,412
22-31 Hours	2,123	1,981	1,934	1,894	2,091	2,320	2,254	2,352	2,321	1,953
32-41 Hours	470	408	399	355	390	428	486	485	478	412
42+ Hours	72	82	76	84	76	118	154	202	246	239
Unknown	1,235	1,360	1,199	1,220	1,268	1,059	950	721	593	543
Cold Ischemic Time (%)										
0-11 Hours	13.2%	15.2%	16.8%	19.0%	18.2%	20.7%	22.9%	23.6%	23.3%	27.6%
12-21 Hours	38.8%	38.3%	41.0%	40.0%	40.9%	39.7%	41.0%	40.9%	42.3%	42.3%
22-31 Hours	26.1%	24.1%	22.6%	21.9%	22.3%	23.4%	21.1%	22.2%	22.0%	18.7%
32-41 Hours	5.8%	5.0%	4.7%	4.1%	4.2%	4.3%	4.6%	4.6%	4.5%	3.9%
42+ Hours	0.9%	1.0%	0.9%	1.0%	0.8%	1.2%	1.4%	1.9%	2.3%	2.3%
Unknown	15.2%	16.5%	14.0%	14.1%	13.5%	10.7%	8.9%	6.8%	5.6%	5.2%

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

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.