

**Table 5.4a**  
**Transplant Recipient Characteristics, 1998 to 2007**  
**Recipients of Deceased Donor non-ECD Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	6,807	6,808	6,940	7,032	7,254	7,196	7,791	8,134	8,842	8,758
<b>Age at Transplant</b>										
<1 Year	-	2	-	-	-	-	1	2	2	1
1-5 Years	40	50	37	42	49	53	48	59	83	84
6-11 Years	80	84	66	76	84	94	85	106	117	103
12-17 Years	152	209	175	168	191	233	244	301	379	308
18-34 Years	1,235	1,199	1,202	1,167	1,135	1,041	1,166	1,108	1,155	1,067
35-49 Years	2,484	2,374	2,385	2,390	2,369	2,278	2,466	2,445	2,554	2,617
50-64 Years	2,277	2,365	2,436	2,535	2,705	2,736	2,962	3,156	3,432	3,434
65+ Years	539	525	639	654	721	761	819	957	1,120	1,144
<b>Age at Transplant (%)</b>										
<1 Year	-	0.0%	-	-	-	-	0.0%	0.0%	0.0%	0.0%
1-5 Years	0.6%	0.7%	0.5%	0.6%	0.7%	0.7%	0.6%	0.7%	0.9%	1.0%
6-11 Years	1.2%	1.2%	1.0%	1.1%	1.2%	1.3%	1.1%	1.3%	1.3%	1.2%
12-17 Years	2.2%	3.1%	2.5%	2.4%	2.6%	3.2%	3.1%	3.7%	4.3%	3.5%
18-34 Years	18.1%	17.6%	17.3%	16.6%	15.6%	14.5%	15.0%	13.6%	13.1%	12.2%
35-49 Years	36.5%	34.9%	34.4%	34.0%	32.7%	31.7%	31.7%	30.1%	28.9%	29.9%
50-64 Years	33.5%	34.7%	35.1%	36.0%	37.3%	38.0%	38.0%	38.8%	38.8%	39.2%
65+ Years	7.9%	7.7%	9.2%	9.3%	9.9%	10.6%	10.5%	11.8%	12.7%	13.1%
<b>Recipient Ethnicity/Race</b>										
White	3,785	3,783	3,739	3,690	3,744	3,582	3,827	3,919	4,179	4,127
African American	1,852	1,861	1,977	2,072	2,105	2,124	2,307	2,449	2,644	2,700
Other/Multi-race	64	82	73	53	81	89	114	103	144	109
Asian	347	313	340	335	357	395	453	480	515	482
Hispanic/Latino	758	769	811	882	966	1,006	1,090	1,183	1,360	1,340
Unknown	1	-	-	-	1	-	-	-	-	-
<b>Recipient Ethnicity/Race (%)</b>										
White	55.6%	55.6%	53.9%	52.5%	51.6%	49.8%	49.1%	48.2%	47.3%	47.1%
African American	27.2%	27.3%	28.5%	29.5%	29.0%	29.5%	29.6%	30.1%	29.9%	30.8%
Other/Multi-race	0.9%	1.2%	1.1%	0.8%	1.1%	1.2%	1.5%	1.3%	1.6%	1.2%
Asian	5.1%	4.6%	4.9%	4.8%	4.9%	5.5%	5.8%	5.9%	5.8%	5.5%
Hispanic/Latino	11.1%	11.3%	11.7%	12.5%	13.3%	14.0%	14.0%	14.5%	15.4%	15.3%
Unknown	0.0%	-	-	-	0.0%	-	-	-	-	-
<b>Recipient Gender</b>										
Female	2,707	2,743	2,732	2,810	2,936	2,836	3,149	3,245	3,480	3,354
Male	4,100	4,065	4,208	4,222	4,318	4,360	4,642	4,889	5,362	5,404
<b>Recipient Gender (%)</b>										
Female	39.8%	40.3%	39.4%	40.0%	40.5%	39.4%	40.4%	39.9%	39.4%	38.3%
Male	60.2%	59.7%	60.6%	60.0%	59.5%	60.6%	59.6%	60.1%	60.6%	61.7%

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

Notes:

(-) = None in category.

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<b>Recipient Blood Type</b>										
A	2,605	2,624	2,673	2,710	2,811	2,662	2,852	3,026	3,210	3,148
AB	331	416	376	380	403	361	377	444	497	494
B	874	880	845	840	874	852	1,028	1,041	1,201	1,122
O	2,997	2,888	3,046	3,102	3,166	3,321	3,534	3,623	3,934	3,994
<b>Recipient Blood Type (%)</b>										
A	38.3%	38.5%	38.5%	38.5%	38.8%	37.0%	36.6%	37.2%	36.3%	35.9%
AB	4.9%	6.1%	5.4%	5.4%	5.6%	5.0%	4.8%	5.5%	5.6%	5.6%
B	12.8%	12.9%	12.2%	11.9%	12.0%	11.8%	13.2%	12.8%	13.6%	12.8%
O	44.0%	42.4%	43.9%	44.1%	43.6%	46.2%	45.4%	44.5%	44.5%	45.6%
<b>Previous Tx Any Organ</b>										
No	5,761	5,775	5,754	5,897	6,097	6,081	6,514	6,841	7,428	7,445
Yes	1,046	1,033	1,186	1,135	1,157	1,115	1,277	1,293	1,414	1,313
<b>Previous Tx Any Organ (%)</b>										
No	84.6%	84.8%	82.9%	83.9%	84.1%	84.5%	83.6%	84.1%	84.0%	85.0%
Yes	15.4%	15.2%	17.1%	16.1%	15.9%	15.5%	16.4%	15.9%	16.0%	15.0%
<b>Previous KI/KP Tx</b>										
No	5,826	5,857	5,870	6,002	6,203	6,207	6,646	7,018	7,603	7,618
Yes	981	951	1,070	1,030	1,051	989	1,145	1,116	1,239	1,140
<b>Previous KI/KP Tx (%)</b>										
No	85.6%	86.0%	84.6%	85.4%	85.5%	86.3%	85.3%	86.3%	86.0%	87.0%
Yes	14.4%	14.0%	15.4%	14.6%	14.5%	13.7%	14.7%	13.7%	14.0%	13.0%
<b>Primary Payment Source</b>										
Private Insurance	2,208	2,283	2,392	2,245	2,350	2,234	2,372	2,409	2,771	2,591
Medicaid	367	401	392	422	447	437	451	575	667	638
Medicare	4,062	3,970	4,022	4,226	4,323	4,379	4,835	4,962	5,213	5,275
Other	136	143	133	138	134	146	132	187	190	191
Unknown	34	11	1	1	-	-	1	1	1	63
<b>Primary Payment Source (%)</b>										
Private Insurance	32.4%	33.5%	34.5%	31.9%	32.4%	31.0%	30.4%	29.6%	31.3%	29.6%
Medicaid	5.4%	5.9%	5.6%	6.0%	6.2%	6.1%	5.8%	7.1%	7.5%	7.3%
Medicare	59.7%	58.3%	58.0%	60.1%	59.6%	60.9%	62.1%	61.0%	59.0%	60.2%
Other	2.0%	2.1%	1.9%	2.0%	1.8%	2.0%	1.7%	2.3%	2.1%	2.2%
Unknown	0.5%	0.2%	0.0%	0.0%	-	-	0.0%	0.0%	0.0%	0.7%

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<b>Total</b>	6,807	6,808	6,940	7,032	7,254	7,196	7,791	8,134	8,842	8,758
<b>Recipient Residency</b>										
U.S. Resident	6,709	6,741	6,885	6,973	7,188	7,156	7,745	8,088	8,760	8,677
Nonresident Alien	54	44	46	51	60	37	41	44	80	79
Unknown	44	23	9	8	6	3	5	2	2	2
<b>Recipient Residency (%)</b>										
U.S. Resident	98.6%	99.0%	99.2%	99.2%	99.1%	99.4%	99.4%	99.4%	99.1%	99.1%
Nonresident Alien	0.8%	0.6%	0.7%	0.7%	0.8%	0.5%	0.5%	0.5%	0.9%	0.9%
Unknown	0.6%	0.3%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
<b>Hospitalized at Tx</b>										
In Intensive Care	61	46	63	40	40	54	66	92	80	92
Hospitalized	147	176	103	169	169	167	153	139	165	223
Not Hospitalized	6,594	6,582	6,773	6,822	7,045	6,975	7,571	7,902	8,597	8,381
Unknown	5	4	1	1	-	-	1	1	-	62
<b>Hospitalized at Tx (%)</b>										
In Intensive Care	0.9%	0.7%	0.9%	0.6%	0.6%	0.8%	0.8%	1.1%	0.9%	1.1%
Hospitalized	2.2%	2.6%	1.5%	2.4%	2.3%	2.3%	2.0%	1.7%	1.9%	2.5%
Not Hospitalized	96.9%	96.7%	97.6%	97.0%	97.1%	96.9%	97.2%	97.1%	97.2%	95.7%
Unknown	0.1%	0.1%	0.0%	0.0%	-	-	0.0%	0.0%	-	0.7%

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<b>Total</b>	6,807	6,808	6,940	7,032	7,254	7,196	7,791	8,134	8,842	8,758
<b>Level of HLA Mismatch</b>										
A Locus Mismatch										
0	1,554	1,646	1,647	1,616	1,595	1,520	1,793	1,748	1,721	1,882
1	2,514	2,412	2,469	2,609	2,533	2,534	2,586	2,669	3,140	2,942
2	2,710	2,716	2,789	2,780	3,080	3,085	3,352	3,646	3,915	3,844
Unknown	29	34	35	27	46	57	60	71	66	90
B Locus Mismatch										
0	1,660	1,667	1,651	1,547	1,596	1,381	1,490	1,473	1,426	1,542
1	2,588	2,441	2,431	2,506	2,435	1,955	1,766	1,770	2,003	1,894
2	2,530	2,666	2,823	2,952	3,177	3,803	4,475	4,820	5,348	5,232
Unknown	29	34	35	27	46	57	60	71	65	90
DR Locus Mismatch										
0	2,239	2,162	2,186	2,285	2,264	2,065	2,184	2,205	2,159	2,298
1	2,907	2,818	2,962	2,796	2,790	2,905	3,356	3,493	3,785	3,735
2	1,625	1,785	1,752	1,919	2,150	2,163	2,191	2,361	2,827	2,635
Unknown	36	43	40	32	50	63	60	75	71	90
Total Mismatch										
0	978	1,060	1,037	1,096	1,134	1,103	1,331	1,324	1,260	1,371
1	311	300	304	217	170	115	91	63	77	77
2	730	617	636	628	610	423	271	274	304	332
3	1,474	1,347	1,334	1,362	1,273	1,038	977	985	1,048	1,026
4	1,456	1,466	1,579	1,573	1,629	1,737	2,001	2,042	2,330	2,226
5	1,223	1,303	1,372	1,394	1,487	1,841	2,184	2,385	2,566	2,546
6	596	670	637	730	900	875	876	986	1,186	1,090
Unknown	39	45	41	32	51	64	60	75	71	90
A Locus Mismatch (%)										
0	22.8%	24.2%	23.7%	23.0%	22.0%	21.1%	23.0%	21.5%	19.5%	21.5%
1	36.9%	35.4%	35.6%	37.1%	34.9%	35.2%	33.2%	32.8%	35.5%	33.6%
2	39.8%	39.9%	40.2%	39.5%	42.5%	42.9%	43.0%	44.8%	44.3%	43.9%
Unknown	0.4%	0.5%	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.7%	1.0%
B Locus Mismatch (%)										
0	24.4%	24.5%	23.8%	22.0%	22.0%	19.2%	19.1%	18.1%	16.1%	17.6%
1	38.0%	35.9%	35.0%	35.6%	33.6%	27.2%	22.7%	21.8%	22.7%	21.6%
2	37.2%	39.2%	40.7%	42.0%	43.8%	52.8%	57.4%	59.3%	60.5%	59.7%
Unknown	0.4%	0.5%	0.5%	0.4%	0.6%	0.8%	0.8%	0.9%	0.7%	1.0%

(Continued)

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	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
DR Locus Mismatch (%)										
0	32.9%	31.8%	31.5%	32.5%	31.2%	28.7%	28.0%	27.1%	24.4%	26.2%
1	42.7%	41.4%	42.7%	39.8%	38.5%	40.4%	43.1%	42.9%	42.8%	42.6%
2	23.9%	26.2%	25.2%	27.3%	29.6%	30.1%	28.1%	29.0%	32.0%	30.1%
Unknown	0.5%	0.6%	0.6%	0.5%	0.7%	0.9%	0.8%	0.9%	0.8%	1.0%
Total Mismatch (%)										
0	14.4%	15.6%	14.9%	15.6%	15.6%	15.3%	17.1%	16.3%	14.3%	15.7%
1	4.6%	4.4%	4.4%	3.1%	2.3%	1.6%	1.2%	0.8%	0.9%	0.9%
2	10.7%	9.1%	9.2%	8.9%	8.4%	5.9%	3.5%	3.4%	3.4%	3.8%
3	21.7%	19.8%	19.2%	19.4%	17.5%	14.4%	12.5%	12.1%	11.9%	11.7%
4	21.4%	21.5%	22.8%	22.4%	22.5%	24.1%	25.7%	25.1%	26.4%	25.4%
5	18.0%	19.1%	19.8%	19.8%	20.5%	25.6%	28.0%	29.3%	29.0%	29.1%
6	8.8%	9.8%	9.2%	10.4%	12.4%	12.2%	11.2%	12.1%	13.4%	12.4%
Unknown	0.6%	0.7%	0.6%	0.5%	0.7%	0.9%	0.8%	0.9%	0.8%	1.0%

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<b>PRA at Transplant</b>										
0-9%	5,763	5,537	5,742	5,815	5,876	5,704	5,865	6,184	6,615	6,440
10-79%	779	800	817	785	847	897	1,150	1,091	1,297	1,237
80%+	153	207	221	249	287	305	393	444	565	559
Unknown	112	264	160	183	244	290	383	415	365	522
<b>PRA at Transplant (%)</b>										
0-9%	84.7%	81.3%	82.7%	82.7%	81.0%	79.3%	75.3%	76.0%	74.8%	73.5%
10-79%	11.4%	11.8%	11.8%	11.2%	11.7%	12.5%	14.8%	13.4%	14.7%	14.1%
80%+	2.2%	3.0%	3.2%	3.5%	4.0%	4.2%	5.0%	5.5%	6.4%	6.4%
Unknown	1.6%	3.9%	2.3%	2.6%	3.4%	4.0%	4.9%	5.1%	4.1%	6.0%
<b>Peak PRA</b>										
0-9%	4,551	4,476	4,512	4,676	4,838	4,688	4,899	5,120	5,381	5,380
10-79%	1,639	1,628	1,639	1,568	1,591	1,602	1,790	1,878	2,151	2,036
80%+	600	673	740	746	762	833	1,020	1,060	1,232	1,241
Unknown	17	31	49	42	63	73	82	76	78	101
<b>Peak PRA (%)</b>										
0-9%	66.9%	65.7%	65.0%	66.5%	66.7%	65.1%	62.9%	62.9%	60.9%	61.4%
10-79%	24.1%	23.9%	23.6%	22.3%	21.9%	22.3%	23.0%	23.1%	24.3%	23.2%
80%+	8.8%	9.9%	10.7%	10.6%	10.5%	11.6%	13.1%	13.0%	13.9%	14.2%
Unknown	0.2%	0.5%	0.7%	0.6%	0.9%	1.0%	1.1%	0.9%	0.9%	1.2%

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<b>Primary Diagnosis</b>										
Other	615	550	639	654	650	646	691	762	906	900
Glomerular Diseases	1,947	1,921	1,931	1,862	1,946	1,831	2,052	2,028	2,268	2,044
Tubular and Interstitial Diseases	450	427	445	409	410	457	463	454	480	460
Polycystic Kidneys	632	654	657	615	639	606	632	672	718	739
Congenital, Rare Familial, & Metabolic Disorders	203	241	178	166	191	221	239	255	299	279
Diabetes	1,374	1,359	1,348	1,432	1,523	1,534	1,694	1,815	1,833	1,944
Renovascular & Other Vascular Diseases	364	401	362	372	432	407	371	321	292	274
Neoplasms	10	20	22	23	20	23	23	25	38	33
Hypertensive Nephrosclerosis	1,112	1,112	1,176	1,317	1,280	1,370	1,526	1,716	1,944	2,026
Unknown	100	123	182	182	163	101	100	86	64	59
<b>Primary Diagnosis (%)</b>										
Other	9.0%	8.1%	9.2%	9.3%	9.0%	9.0%	8.9%	9.4%	10.2%	10.3%
Glomerular Diseases	28.6%	28.2%	27.8%	26.5%	26.8%	25.4%	26.3%	24.9%	25.7%	23.3%
Tubular and Interstitial Diseases	6.6%	6.3%	6.4%	5.8%	5.7%	6.4%	5.9%	5.6%	5.4%	5.3%
Polycystic Kidneys	9.3%	9.6%	9.5%	8.7%	8.8%	8.4%	8.1%	8.3%	8.1%	8.4%
Congenital, Rare Familial, & Metabolic Disorders	3.0%	3.5%	2.6%	2.4%	2.6%	3.1%	3.1%	3.1%	3.4%	3.2%
Diabetes	20.2%	20.0%	19.4%	20.4%	21.0%	21.3%	21.7%	22.3%	20.7%	22.2%
Renovascular & Other Vascular Diseases	5.3%	5.9%	5.2%	5.3%	6.0%	5.7%	4.8%	3.9%	3.3%	3.1%
Neoplasms	0.1%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%
Hypertensive Nephrosclerosis	16.3%	16.3%	16.9%	18.7%	17.6%	19.0%	19.6%	21.1%	22.0%	23.1%
Unknown	1.5%	1.8%	2.6%	2.6%	2.2%	1.4%	1.3%	1.1%	0.7%	0.7%
<b>Cold Ischemic Time</b>										
0-11 Hours	840	925	961	1,126	1,247	1,380	1,431	1,732	2,041	2,100
12-21 Hours	2,933	2,675	2,719	2,676	2,979	2,874	3,203	3,177	3,556	3,492
22-31 Hours	1,988	1,837	1,782	1,674	1,643	1,591	1,707	1,826	1,838	1,878
32-41 Hours	514	415	376	324	319	277	291	311	355	316
42+ Hours	76	74	53	68	59	52	53	86	114	147
Unknown	456	882	1,049	1,164	1,007	1,022	1,106	1,002	938	825
<b>Cold Ischemic Time (%)</b>										
0-11 Hours	12.3%	13.6%	13.8%	16.0%	17.2%	19.2%	18.4%	21.3%	23.1%	24.0%
12-21 Hours	43.1%	39.3%	39.2%	38.1%	41.1%	39.9%	41.1%	39.1%	40.2%	39.9%
22-31 Hours	29.2%	27.0%	25.7%	23.8%	22.6%	22.1%	21.9%	22.4%	20.8%	21.4%
32-41 Hours	7.6%	6.1%	5.4%	4.6%	4.4%	3.8%	3.7%	3.8%	4.0%	3.6%
42+ Hours	1.1%	1.1%	0.8%	1.0%	0.8%	0.7%	0.7%	1.1%	1.3%	1.7%
Unknown	6.7%	13.0%	15.1%	16.6%	13.9%	14.2%	14.2%	12.3%	10.6%	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 non-ECD 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.