

**Table 5.4d**  
**Transplant Recipient Characteristics, 1998 to 2007**  
**Recipients of Living Donor Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Age at Transplant</b>										
<1 Year	3	7	4	5	5	-	2	2	5	1
1-5 Years	72	86	70	111	92	102	104	96	81	78
6-11 Years	105	104	97	99	114	97	78	93	64	70
12-17 Years	194	200	177	221	231	229	198	232	161	151
18-34 Years	1,235	1,256	1,287	1,435	1,347	1,409	1,431	1,328	1,308	1,160
35-49 Years	1,511	1,589	1,958	1,998	2,014	2,098	2,078	2,020	1,992	1,868
50-64 Years	1,110	1,253	1,554	1,785	1,920	2,021	2,183	2,187	2,175	2,108
65+ Years	190	222	342	381	517	514	573	611	646	601
<b>Age at Transplant (%)</b>										
<1 Year	0.1%	0.1%	0.1%	0.1%	0.1%	-	0.0%	0.0%	0.1%	0.0%
1-5 Years	1.6%	1.8%	1.3%	1.8%	1.5%	1.6%	1.6%	1.5%	1.3%	1.3%
6-11 Years	2.4%	2.2%	1.8%	1.6%	1.8%	1.5%	1.2%	1.4%	1.0%	1.2%
12-17 Years	4.4%	4.2%	3.2%	3.7%	3.7%	3.5%	3.0%	3.5%	2.5%	2.5%
18-34 Years	27.9%	26.6%	23.4%	23.8%	21.6%	21.8%	21.5%	20.2%	20.3%	19.2%
35-49 Years	34.2%	33.7%	35.7%	33.1%	32.3%	32.4%	31.3%	30.8%	31.0%	30.9%
50-64 Years	25.1%	26.6%	28.3%	29.6%	30.8%	31.2%	32.8%	33.3%	33.8%	34.9%
65+ Years	4.3%	4.7%	6.2%	6.3%	8.3%	7.9%	8.6%	9.3%	10.0%	10.0%
<b>Recipient Ethnicity/Race</b>										
White	3,079	3,234	3,789	4,127	4,298	4,367	4,458	4,416	4,375	4,092
African American	626	723	767	912	905	976	1,023	991	930	835
Other/Multi-race	27	44	37	60	57	69	77	77	82	57
Asian	161	165	232	243	228	246	248	265	234	257
Hispanic/Latino	527	551	664	693	749	812	841	820	811	796
Unknown	-	-	-	-	3	-	-	-	-	-
<b>Recipient Ethnicity/Race (%)</b>										
White	69.7%	68.6%	69.0%	68.4%	68.9%	67.5%	67.1%	67.2%	68.0%	67.8%
African American	14.2%	15.3%	14.0%	15.1%	14.5%	15.1%	15.4%	15.1%	14.5%	13.8%
Other/Multi-race	0.6%	0.9%	0.7%	1.0%	0.9%	1.1%	1.2%	1.2%	1.3%	0.9%
Asian	3.6%	3.5%	4.2%	4.0%	3.7%	3.8%	3.7%	4.0%	3.6%	4.3%
Hispanic/Latino	11.9%	11.7%	12.1%	11.5%	12.0%	12.6%	12.7%	12.5%	12.6%	13.2%
Unknown	-	-	-	-	0.0%	-	-	-	-	-
<b>Recipient Gender</b>										
Female	1,901	1,957	2,320	2,511	2,576	2,716	2,702	2,646	2,457	2,390
Male	2,519	2,760	3,169	3,524	3,664	3,754	3,945	3,923	3,975	3,647
<b>Recipient Gender (%)</b>										
Female	43.0%	41.5%	42.3%	41.6%	41.3%	42.0%	40.6%	40.3%	38.2%	39.6%
Male	57.0%	58.5%	57.7%	58.4%	58.7%	58.0%	59.4%	59.7%	61.8%	60.4%

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 living donor kidney was one of the organs transplanted.

**Table 5.4d (Continued)**  
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<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Recipient Blood Type</b>										
A	1,673	1,833	2,069	2,288	2,331	2,430	2,513	2,530	2,485	2,335
AB	187	168	206	217	234	239	255	238	241	248
B	559	619	694	753	808	864	833	855	840	757
O	1,997	2,095	2,520	2,777	2,867	2,937	3,046	2,946	2,866	2,697
Unknown	4	2	-	-	-	-	-	-	-	-
<b>Recipient Blood Type (%)</b>										
A	37.9%	38.9%	37.7%	37.9%	37.4%	37.6%	37.8%	38.5%	38.6%	38.7%
AB	4.2%	3.6%	3.8%	3.6%	3.8%	3.7%	3.8%	3.6%	3.7%	4.1%
B	12.6%	13.1%	12.6%	12.5%	12.9%	13.4%	12.5%	13.0%	13.1%	12.5%
O	45.2%	44.4%	45.9%	46.0%	45.9%	45.4%	45.8%	44.8%	44.6%	44.7%
Unknown	0.1%	0.0%	-	-	-	-	-	-	-	-
<b>Previous Tx Any Organ</b>										
No	3,975	4,242	4,912	5,311	5,489	5,640	5,837	5,741	5,665	5,332
Yes	445	475	577	724	751	830	810	828	767	705
<b>Previous Tx Any Organ (%)</b>										
No	89.9%	89.9%	89.5%	88.0%	88.0%	87.2%	87.8%	87.4%	88.1%	88.3%
Yes	10.1%	10.1%	10.5%	12.0%	12.0%	12.8%	12.2%	12.6%	11.9%	11.7%
<b>Previous KI/KP Tx</b>										
No	4,019	4,289	4,981	5,392	5,580	5,758	5,957	5,856	5,754	5,433
Yes	401	428	508	643	660	712	690	713	678	604
<b>Previous KI/KP Tx (%)</b>										
No	90.9%	90.9%	90.7%	89.3%	89.4%	89.0%	89.6%	89.1%	89.5%	90.0%
Yes	9.1%	9.1%	9.3%	10.7%	10.6%	11.0%	10.4%	10.9%	10.5%	10.0%
<b>Primary Payment Source</b>										
Private Insurance	2,502	2,842	3,340	3,480	3,628	3,801	3,830	3,790	3,749	3,510
Medicaid	233	217	240	329	297	317	322	322	298	280
Medicare	1,540	1,524	1,759	2,047	2,155	2,216	2,354	2,316	2,238	2,051
Other	106	124	150	179	159	135	140	140	147	135
Unknown	39	10	-	-	1	1	1	1	-	61
<b>Primary Payment Source (%)</b>										
Private Insurance	56.6%	60.3%	60.8%	57.7%	58.1%	58.7%	57.6%	57.7%	58.3%	58.1%
Medicaid	5.3%	4.6%	4.4%	5.5%	4.8%	4.9%	4.8%	4.9%	4.6%	4.6%
Medicare	34.8%	32.3%	32.0%	33.9%	34.5%	34.3%	35.4%	35.3%	34.8%	34.0%
Other	2.4%	2.6%	2.7%	3.0%	2.5%	2.1%	2.1%	2.1%	2.3%	2.2%
Unknown	0.9%	0.2%	-	-	0.0%	0.0%	0.0%	0.0%	-	1.0%

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

Notes:

(-) = None in category.

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**Table 5.4d (Continued)**  
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**Recipients of Living Donor Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Recipient Residency</b>										
U.S. Resident	4,361	4,655	5,422	5,965	6,177	6,399	6,596	6,527	6,384	5,988
Nonresident Alien	37	52	64	69	62	71	51	42	47	42
Unknown	22	10	3	1	1	-	-	-	1	7
<b>Recipient Residency (%)</b>										
U.S. Resident	98.7%	98.7%	98.8%	98.8%	99.0%	98.9%	99.2%	99.4%	99.3%	99.2%
Nonresident Alien	0.8%	1.1%	1.2%	1.1%	1.0%	1.1%	0.8%	0.6%	0.7%	0.7%
Unknown	0.5%	0.2%	0.1%	0.0%	0.0%	-	-	-	0.0%	0.1%
<b>Hospitalized at Tx</b>										
In Intensive Care	21	12	13	16	8	8	14	39	12	11
Hospitalized	155	128	94	153	126	113	122	109	83	100
Not Hospitalized	4,238	4,574	5,382	5,866	6,106	6,349	6,511	6,420	6,337	5,865
Unknown	6	3	-	-	-	-	-	1	-	61
<b>Hospitalized at Tx (%)</b>										
In Intensive Care	0.5%	0.3%	0.2%	0.3%	0.1%	0.1%	0.2%	0.6%	0.2%	0.2%
Hospitalized	3.5%	2.7%	1.7%	2.5%	2.0%	1.7%	1.8%	1.7%	1.3%	1.7%
Not Hospitalized	95.9%	97.0%	98.1%	97.2%	97.9%	98.1%	98.0%	97.7%	98.5%	97.2%
Unknown	0.1%	0.1%	-	-	-	-	-	0.0%	-	1.0%

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**Recipients of Living Donor Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Level of HLA Mismatch</b>										
A Locus Mismatch										
0	1,300	1,307	1,527	1,634	1,654	1,577	1,591	1,519	1,495	1,326
1	2,352	2,542	2,899	3,222	3,332	3,516	3,523	3,601	3,427	3,187
2	649	739	965	1,120	1,210	1,340	1,474	1,404	1,459	1,418
Unknown	119	129	98	59	44	37	59	45	51	106
B Locus Mismatch										
0	986	968	1,080	1,182	1,163	1,142	1,099	1,037	1,054	880
1	2,383	2,543	2,923	3,209	3,319	3,355	3,425	3,430	3,291	3,040
2	930	1,078	1,388	1,586	1,714	1,936	2,064	2,057	2,036	2,011
Unknown	121	128	98	58	44	37	59	45	51	106
DR Locus Mismatch										
0	1,240	1,246	1,353	1,511	1,481	1,475	1,483	1,455	1,427	1,251
1	2,381	2,583	2,988	3,252	3,399	3,514	3,552	3,538	3,397	3,154
2	670	743	1,044	1,209	1,314	1,439	1,552	1,530	1,558	1,526
Unknown	129	145	104	63	46	42	60	46	50	106
Total Mismatch										
0	581	556	627	656	654	602	594	545	583	486
1	334	347	348	424	411	396	398	405	355	315
2	899	932	1,099	1,185	1,159	1,248	1,177	1,196	1,117	989
3	1,342	1,415	1,594	1,760	1,878	1,846	1,938	1,885	1,823	1,685
4	456	542	655	713	749	838	863	899	908	892
5	446	543	729	821	893	965	1,043	1,056	1,041	1,006
6	229	236	333	413	449	533	574	537	554	557
Unknown	133	146	104	63	47	42	60	46	51	107
A Locus Mismatch (%)										
0	29.4%	27.7%	27.8%	27.1%	26.5%	24.4%	23.9%	23.1%	23.2%	22.0%
1	53.2%	53.9%	52.8%	53.4%	53.4%	54.3%	53.0%	54.8%	53.3%	52.8%
2	14.7%	15.7%	17.6%	18.6%	19.4%	20.7%	22.2%	21.4%	22.7%	23.5%
Unknown	2.7%	2.7%	1.8%	1.0%	0.7%	0.6%	0.9%	0.7%	0.8%	1.8%
B Locus Mismatch (%)										
0	22.3%	20.5%	19.7%	19.6%	18.6%	17.7%	16.5%	15.8%	16.4%	14.6%
1	53.9%	53.9%	53.3%	53.2%	53.2%	51.9%	51.5%	52.2%	51.2%	50.4%
2	21.0%	22.9%	25.3%	26.3%	27.5%	29.9%	31.1%	31.3%	31.7%	33.3%
Unknown	2.7%	2.7%	1.8%	1.0%	0.7%	0.6%	0.9%	0.7%	0.8%	1.8%
DR Locus Mismatch (%)										
0	28.1%	26.4%	24.6%	25.0%	23.7%	22.8%	22.3%	22.1%	22.2%	20.7%

(Continued)

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**Table 5.4d (Continued)**  
**Transplant Recipient Characteristics, 1998 to 2007**  
**Recipients of Living Donor Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
DR Locus Mismatch (%)										
1	53.9%	54.8%	54.4%	53.9%	54.5%	54.3%	53.4%	53.9%	52.8%	52.2%
2	15.2%	15.8%	19.0%	20.0%	21.1%	22.2%	23.3%	23.3%	24.2%	25.3%
Unknown	2.9%	3.1%	1.9%	1.0%	0.7%	0.6%	0.9%	0.7%	0.8%	1.8%
Total Mismatch (%)										
0	13.1%	11.8%	11.4%	10.9%	10.5%	9.3%	8.9%	8.3%	9.1%	8.1%
1	7.6%	7.4%	6.3%	7.0%	6.6%	6.1%	6.0%	6.2%	5.5%	5.2%
2	20.3%	19.8%	20.0%	19.6%	18.6%	19.3%	17.7%	18.2%	17.4%	16.4%
3	30.4%	30.0%	29.0%	29.2%	30.1%	28.5%	29.2%	28.7%	28.3%	27.9%
4	10.3%	11.5%	11.9%	11.8%	12.0%	13.0%	13.0%	13.7%	14.1%	14.8%
5	10.1%	11.5%	13.3%	13.6%	14.3%	14.9%	15.7%	16.1%	16.2%	16.7%
6	5.2%	5.0%	6.1%	6.8%	7.2%	8.2%	8.6%	8.2%	8.6%	9.2%
Unknown	3.0%	3.1%	1.9%	1.0%	0.8%	0.6%	0.9%	0.7%	0.8%	1.8%

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<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>PRA at Transplant</b>										
0-9%	3,799	4,018	4,811	5,287	5,425	5,584	5,493	5,282	5,089	4,714
10-79%	365	329	392	468	511	528	689	748	801	761
80%+	39	45	53	68	73	96	138	168	178	155
Unknown	217	325	233	212	231	262	327	371	364	407
<b>PRA at Transplant (%)</b>										
0-9%	86.0%	85.2%	87.6%	87.6%	86.9%	86.3%	82.6%	80.4%	79.1%	78.1%
10-79%	8.3%	7.0%	7.1%	7.8%	8.2%	8.2%	10.4%	11.4%	12.5%	12.6%
80%+	0.9%	1.0%	1.0%	1.1%	1.2%	1.5%	2.1%	2.6%	2.8%	2.6%
Unknown	4.9%	6.9%	4.2%	3.5%	3.7%	4.0%	4.9%	5.6%	5.7%	6.7%
<b>Peak PRA</b>										
0-9%	3,543	3,738	4,447	4,876	5,007	5,184	5,116	4,843	4,746	4,407
10-79%	630	649	758	852	928	889	1,099	1,189	1,204	1,178
80%+	100	117	138	172	168	250	261	347	340	316
Unknown	147	213	146	135	137	147	171	190	142	136
<b>Peak PRA (%)</b>										
0-9%	80.2%	79.2%	81.0%	80.8%	80.2%	80.1%	77.0%	73.7%	73.8%	73.0%
10-79%	14.3%	13.8%	13.8%	14.1%	14.9%	13.7%	16.5%	18.1%	18.7%	19.5%
80%+	2.3%	2.5%	2.5%	2.9%	2.7%	3.9%	3.9%	5.3%	5.3%	5.2%
Unknown	3.3%	4.5%	2.7%	2.2%	2.2%	2.3%	2.6%	2.9%	2.2%	2.3%

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<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Primary Diagnosis</b>										
Other	440	458	587	580	563	599	610	636	664	653
Glomerular Diseases	1,434	1,518	1,717	1,808	1,918	1,973	2,003	1,931	1,911	1,780
Tubular and Interstitial Diseases	338	372	409	426	418	422	470	446	368	349
Polycystic Kidneys	361	375	461	556	572	694	630	718	662	683
Congenital, Rare Familial, & Metabolic Disorders	185	197	212	262	268	312	280	275	245	209
Diabetes	946	975	1,121	1,293	1,377	1,338	1,433	1,361	1,353	1,275
Renovascular & Other Vascular Diseases	145	201	231	261	263	222	210	186	129	124
Neoplasms	16	17	24	30	30	27	30	25	32	20
Hypertensive Nephrosclerosis	468	496	584	664	685	793	902	919	1,008	889
Unknown	87	108	143	155	146	90	79	72	60	55
<b>Primary Diagnosis (%)</b>										
Other	10.0%	9.7%	10.7%	9.6%	9.0%	9.3%	9.2%	9.7%	10.3%	10.8%
Glomerular Diseases	32.4%	32.2%	31.3%	30.0%	30.7%	30.5%	30.1%	29.4%	29.7%	29.5%
Tubular and Interstitial Diseases	7.6%	7.9%	7.5%	7.1%	6.7%	6.5%	7.1%	6.8%	5.7%	5.8%
Polycystic Kidneys	8.2%	7.9%	8.4%	9.2%	9.2%	10.7%	9.5%	10.9%	10.3%	11.3%
Congenital, Rare Familial, & Metabolic Disorders	4.2%	4.2%	3.9%	4.3%	4.3%	4.8%	4.2%	4.2%	3.8%	3.5%
Diabetes	21.4%	20.7%	20.4%	21.4%	22.1%	20.7%	21.6%	20.7%	21.0%	21.1%
Renovascular & Other Vascular Diseases	3.3%	4.3%	4.2%	4.3%	4.2%	3.4%	3.2%	2.8%	2.0%	2.1%
Neoplasms	0.4%	0.4%	0.4%	0.5%	0.5%	0.4%	0.5%	0.4%	0.5%	0.3%
Hypertensive Nephrosclerosis	10.6%	10.5%	10.6%	11.0%	11.0%	12.3%	13.6%	14.0%	15.7%	14.7%
Unknown	2.0%	2.3%	2.6%	2.6%	2.3%	1.4%	1.2%	1.1%	0.9%	0.9%

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**Transplant Recipient Characteristics, 1998 to 2007**  
**Recipients of Living Donor Kidneys**

	Year of Transplant									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
<b>Total</b>	4,420	4,717	5,489	6,035	6,240	6,470	6,647	6,569	6,432	6,037
<b>Relation of Donor to Recipient</b>										
Parent	795	788	736	861	824	797	763	783	657	651
Offspring	679	759	966	1,043	1,139	1,117	1,159	1,161	1,145	977
Sibling	1,686	1,734	1,916	1,977	1,889	1,940	1,910	1,752	1,710	1,509
Other Relative	296	348	410	468	493	478	510	506	491	488
Spouse	547	577	666	714	720	727	784	790	779	737
Other Unrelated	361	476	772	930	1,116	1,328	1,435	1,496	1,569	1,417
Unknown	56	35	23	42	59	83	86	81	81	258
<b>Relation of Donor to Recipient (%)</b>										
Parent	18.0%	16.7%	13.4%	14.3%	13.2%	12.3%	11.5%	11.9%	10.2%	10.8%
Offspring	15.4%	16.1%	17.6%	17.3%	18.3%	17.3%	17.4%	17.7%	17.8%	16.2%
Sibling	38.1%	36.8%	34.9%	32.8%	30.3%	30.0%	28.7%	26.7%	26.6%	25.0%
Other Relative	6.7%	7.4%	7.5%	7.8%	7.9%	7.4%	7.7%	7.7%	7.6%	8.1%
Spouse	12.4%	12.2%	12.1%	11.8%	11.5%	11.2%	11.8%	12.0%	12.1%	12.2%
Other Unrelated	8.2%	10.1%	14.1%	15.4%	17.9%	20.5%	21.6%	22.8%	24.4%	23.5%
Unknown	1.3%	0.7%	0.4%	0.7%	0.9%	1.3%	1.3%	1.2%	1.3%	4.3%

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 living donor kidney was one of the organs transplanted.