

Table 5.4b
Transplant Recipient Characteristics, 1999 to 2008
Recipients of Deceased Donor Expanded Criteria Donors (ECD) Kidneys

	Year of Transplant									
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Total	1,235	1,184	1,199	1,285	1,471	1,566	1,779	1,817	1,829	1,912
Age at Transplant										
6-11 Years	3	1	1	-	-	2	-	-	-	-
12-17 Years	5	3	2	1	1	1	-	1	-	-
18-34 Years	116	107	80	90	63	73	56	52	39	32
35-49 Years	317	304	275	284	267	287	288	228	193	227
50-64 Years	591	539	592	617	729	739	824	912	965	970
65+ Years	203	230	249	293	411	464	611	624	632	683
Age at Transplant (%)										
6-11 Years	0.2%	0.1%	0.1%	-	-	0.1%	-	-	-	-
12-17 Years	0.4%	0.3%	0.2%	0.1%	0.1%	0.1%	-	0.1%	-	-
18-34 Years	9.4%	9.0%	6.7%	7.0%	4.3%	4.7%	3.1%	2.9%	2.1%	1.7%
35-49 Years	25.7%	25.7%	22.9%	22.1%	18.2%	18.3%	16.2%	12.5%	10.6%	11.9%
50-64 Years	47.9%	45.5%	49.4%	48.0%	49.6%	47.2%	46.3%	50.2%	52.8%	50.7%
65+ Years	16.4%	19.4%	20.8%	22.8%	27.9%	29.6%	34.3%	34.3%	34.6%	35.7%
Recipient Ethnicity/Race										
White	656	627	639	643	728	736	876	905	879	867
African American	350	353	353	416	483	454	539	583	572	604
Other/Multi-race	18	14	16	14	16	37	33	22	24	31
Asian	79	77	68	76	95	118	125	129	128	135
Hispanic/Latino	132	113	123	136	149	221	206	178	226	275
Recipient Ethnicity/Race (%)										
White	53.1%	53.0%	53.3%	50.0%	49.5%	47.0%	49.2%	49.8%	48.1%	45.3%
African American	28.3%	29.8%	29.4%	32.4%	32.8%	29.0%	30.3%	32.1%	31.3%	31.6%
Other/Multi-race	1.5%	1.2%	1.3%	1.1%	1.1%	2.4%	1.9%	1.2%	1.3%	1.6%
Asian	6.4%	6.5%	5.7%	5.9%	6.5%	7.5%	7.0%	7.1%	7.0%	7.1%
Hispanic/Latino	10.7%	9.5%	10.3%	10.6%	10.1%	14.1%	11.6%	9.8%	12.4%	14.4%
Recipient Gender										
Female	474	487	468	505	525	580	641	666	673	687
Male	761	697	731	780	946	986	1,138	1,151	1,156	1,225
Recipient Gender (%)										
Female	38.4%	41.1%	39.0%	39.3%	35.7%	37.0%	36.0%	36.7%	36.8%	35.9%
Male	61.6%	58.9%	61.0%	60.7%	64.3%	63.0%	64.0%	63.3%	63.2%	64.1%

Source: OPTN/SRTR Data as of May 4, 2009.

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Recipient Blood Type										
A	464	466	463	466	541	564	630	659	632	658
AB	50	43	70	56	68	68	88	83	84	71
B	164	121	151	165	171	202	225	214	202	237
O	557	554	515	598	691	732	836	861	911	946
Recipient Blood Type (%)										
A	37.6%	39.4%	38.6%	36.3%	36.8%	36.0%	35.4%	36.3%	34.6%	34.4%
AB	4.0%	3.6%	5.8%	4.4%	4.6%	4.3%	4.9%	4.6%	4.6%	3.7%
B	13.3%	10.2%	12.6%	12.8%	11.6%	12.9%	12.6%	11.8%	11.0%	12.4%
O	45.1%	46.8%	43.0%	46.5%	47.0%	46.7%	47.0%	47.4%	49.8%	49.5%
Previous Tx Any Organ										
No	1,099	1,049	1,074	1,184	1,343	1,407	1,602	1,636	1,674	1,762
Yes	136	135	125	101	128	159	177	181	155	150
Previous Tx Any Organ (%)										
No	89.0%	88.6%	89.6%	92.1%	91.3%	89.8%	90.1%	90.0%	91.5%	92.2%
Yes	11.0%	11.4%	10.4%	7.9%	8.7%	10.2%	9.9%	10.0%	8.5%	7.8%
Previous KI/KP Tx										
No	1,110	1,057	1,093	1,198	1,353	1,435	1,642	1,683	1,704	1,801
Yes	125	127	106	87	118	131	137	134	125	111
Previous KI/KP Tx (%)										
No	89.9%	89.3%	91.2%	93.2%	92.0%	91.6%	92.3%	92.6%	93.2%	94.2%
Yes	10.1%	10.7%	8.8%	6.8%	8.0%	8.4%	7.7%	7.4%	6.8%	5.8%
Primary Payment Source										
Private Insurance	406	372	371	377	471	450	481	493	460	494
Medicaid	52	59	43	52	61	79	75	100	97	76
Medicare	747	736	772	841	918	1,017	1,194	1,201	1,251	1,319
Other	29	16	13	15	21	20	29	23	21	21
Unknown	1	1	-	-	-	-	-	-	-	2
Primary Payment Source (%)										
Private Insurance	32.9%	31.4%	30.9%	29.3%	32.0%	28.7%	27.0%	27.1%	25.2%	25.8%
Medicaid	4.2%	5.0%	3.6%	4.0%	4.1%	5.0%	4.2%	5.5%	5.3%	4.0%
Medicare	60.5%	62.2%	64.4%	65.4%	62.4%	64.9%	67.1%	66.1%	68.4%	69.0%
Other	2.3%	1.4%	1.1%	1.2%	1.4%	1.3%	1.6%	1.3%	1.1%	1.1%
Unknown	0.1%	0.1%	-	-	-	-	-	-	-	0.1%

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Total	1,235	1,184	1,199	1,285	1,471	1,566	1,779	1,817	1,829	1,912
Recipient Residency										
U.S. Resident	1,224	1,177	1,189	1,276	1,466	1,561	1,773	1,805	1,825	1,899
Nonresident Alien	5	3	7	6	5	5	5	11	4	13
Unknown	6	4	3	3	-	-	1	1	-	-
Recipient Residency (%)										
U.S. Resident	99.1%	99.4%	99.2%	99.3%	99.7%	99.7%	99.7%	99.3%	99.8%	99.3%
Nonresident Alien	0.4%	0.3%	0.6%	0.5%	0.3%	0.3%	0.3%	0.6%	0.2%	0.7%
Unknown	0.5%	0.3%	0.3%	0.2%	-	-	0.1%	0.1%	-	-
Hospitalized at Tx										
In Intensive Care	7	8	6	1	7	18	17	14	12	12
Hospitalized	34	17	25	19	26	34	27	36	45	62
Not Hospitalized	1,194	1,158	1,168	1,265	1,438	1,514	1,735	1,767	1,772	1,836
Unknown	-	1	-	-	-	-	-	-	-	2
Hospitalized at Tx (%)										
In Intensive Care	0.6%	0.7%	0.5%	0.1%	0.5%	1.1%	1.0%	0.8%	0.7%	0.6%
Hospitalized	2.8%	1.4%	2.1%	1.5%	1.8%	2.2%	1.5%	2.0%	2.5%	3.2%
Not Hospitalized	96.7%	97.8%	97.4%	98.4%	97.8%	96.7%	97.5%	97.2%	96.9%	96.0%
Unknown	-	0.1%	-	-	-	-	-	-	-	0.1%

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Level of HLA Mismatch										
A Locus Mismatch										
0	245	248	232	188	177	181	214	231	229	237
1	457	437	482	498	543	618	681	673	714	727
2	523	497	484	597	744	753	867	891	875	936
Unknown	10	2	1	2	7	14	17	22	11	12
B Locus Mismatch										
0	246	252	219	177	130	122	156	138	144	154
1	473	438	430	414	380	405	409	379	421	435
2	506	492	549	692	954	1,025	1,197	1,278	1,253	1,311
Unknown	10	2	1	2	7	14	17	22	11	12
DR Locus Mismatch										
0	367	324	307	300	229	170	220	209	216	216
1	548	529	516	524	581	647	714	731	719	727
2	309	328	375	459	653	735	828	855	883	957
Unknown	11	3	1	2	8	14	17	22	11	12
Total Mismatch										
0	135	136	122	103	93	86	123	111	124	114
1	51	61	36	26	21	6	9	4	7	12
2	128	108	125	96	55	52	39	50	44	53
3	251	227	243	228	167	163	188	164	164	176
4	310	286	283	323	350	417	433	459	473	478
5	240	244	237	304	490	539	615	643	639	663
6	109	119	152	203	286	289	355	364	367	404
Unknown	11	3	1	2	9	14	17	22	11	12
A Locus Mismatch (%)										
0	19.8%	20.9%	19.3%	14.6%	12.0%	11.6%	12.0%	12.7%	12.5%	12.4%
1	37.0%	36.9%	40.2%	38.8%	36.9%	39.5%	38.3%	37.0%	39.0%	38.0%
2	42.3%	42.0%	40.4%	46.5%	50.6%	48.1%	48.7%	49.0%	47.8%	49.0%
Unknown	0.8%	0.2%	0.1%	0.2%	0.5%	0.9%	1.0%	1.2%	0.6%	0.6%
B Locus Mismatch (%)										
0	19.9%	21.3%	18.3%	13.8%	8.8%	7.8%	8.8%	7.6%	7.9%	8.1%
1	38.3%	37.0%	35.9%	32.2%	25.8%	25.9%	23.0%	20.9%	23.0%	22.8%
2	41.0%	41.6%	45.8%	53.9%	64.9%	65.5%	67.3%	70.3%	68.5%	68.6%
Unknown	0.8%	0.2%	0.1%	0.2%	0.5%	0.9%	1.0%	1.2%	0.6%	0.6%

(Continued)

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	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
DR Locus Mismatch (%)										
0	29.7%	27.4%	25.6%	23.3%	15.6%	10.9%	12.4%	11.5%	11.8%	11.3%
1	44.4%	44.7%	43.0%	40.8%	39.5%	41.3%	40.1%	40.2%	39.3%	38.0%
2	25.0%	27.7%	31.3%	35.7%	44.4%	46.9%	46.5%	47.1%	48.3%	50.1%
Unknown	0.9%	0.3%	0.1%	0.2%	0.5%	0.9%	1.0%	1.2%	0.6%	0.6%
Total Mismatch (%)										
0	10.9%	11.5%	10.2%	8.0%	6.3%	5.5%	6.9%	6.1%	6.8%	6.0%
1	4.1%	5.2%	3.0%	2.0%	1.4%	0.4%	0.5%	0.2%	0.4%	0.6%
2	10.4%	9.1%	10.4%	7.5%	3.7%	3.3%	2.2%	2.8%	2.4%	2.8%
3	20.3%	19.2%	20.3%	17.7%	11.4%	10.4%	10.6%	9.0%	9.0%	9.2%
4	25.1%	24.2%	23.6%	25.1%	23.8%	26.6%	24.3%	25.3%	25.9%	25.0%
5	19.4%	20.6%	19.8%	23.7%	33.3%	34.4%	34.6%	35.4%	34.9%	34.7%
6	8.8%	10.1%	12.7%	15.8%	19.4%	18.5%	20.0%	20.0%	20.1%	21.1%
Unknown	0.9%	0.3%	0.1%	0.2%	0.6%	0.9%	1.0%	1.2%	0.6%	0.6%

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Total	1,235	1,184	1,199	1,285	1,471	1,566	1,779	1,817	1,829	1,912
PRA at Transplant										
0-9%	1,040	990	1,034	1,123	1,268	1,343	1,474	1,497	1,524	1,564
10-79%	126	140	106	107	117	147	181	212	192	212
80%+	24	32	29	30	24	26	35	29	41	48
Unknown	45	22	30	25	62	50	89	79	72	88
PRA at Transplant (%)										
0-9%	84.2%	83.6%	86.2%	87.4%	86.2%	85.8%	82.9%	82.4%	83.3%	81.8%
10-79%	10.2%	11.8%	8.8%	8.3%	8.0%	9.4%	10.2%	11.7%	10.5%	11.1%
80%+	1.9%	2.7%	2.4%	2.3%	1.6%	1.7%	2.0%	1.6%	2.2%	2.5%
Unknown	3.6%	1.9%	2.5%	1.9%	4.2%	3.2%	5.0%	4.3%	3.9%	4.6%
Peak PRA										
0-9%	844	786	851	947	1,074	1,122	1,241	1,246	1,257	1,307
10-79%	277	286	255	251	310	343	422	453	448	488
80%+	109	105	88	84	72	87	94	94	110	103
Unknown	5	7	5	3	15	14	22	24	14	14
Peak PRA (%)										
0-9%	68.3%	66.4%	71.0%	73.7%	73.0%	71.6%	69.8%	68.6%	68.7%	68.4%
10-79%	22.4%	24.2%	21.3%	19.5%	21.1%	21.9%	23.7%	24.9%	24.5%	25.5%
80%+	8.8%	8.9%	7.3%	6.5%	4.9%	5.6%	5.3%	5.2%	6.0%	5.4%
Unknown	0.4%	0.6%	0.4%	0.2%	1.0%	0.9%	1.2%	1.3%	0.8%	0.7%

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Primary Diagnosis										
Glomerular Diseases	281	259	232	251	262	277	292	293	268	270
Diabetes	332	291	304	379	417	497	557	545	591	669
Hypertensive Nephrosclerosis	231	224	264	297	356	388	429	510	525	535
Polycystic Kidneys	122	108	121	113	124	113	156	168	134	144
Tubular and Interstitial Diseases	64	72	48	47	68	62	103	88	77	91
Renovascular & Other Vascular Diseases	63	92	66	82	81	68	59	53	65	52
Congenital, Rare Familial, & Metabolic Disorders	16	8	17	14	15	11	12	10	13	14
Neoplasms	5	1	5	4	5	7	13	3	7	9
Other	103	105	120	85	136	127	149	136	142	125
Unknown	18	24	22	13	7	16	9	11	7	3
Primary Diagnosis (%)										
Glomerular Diseases	22.8%	21.9%	19.3%	19.5%	17.8%	17.7%	16.4%	16.1%	14.7%	14.1%
Diabetes	26.9%	24.6%	25.4%	29.5%	28.3%	31.7%	31.3%	30.0%	32.3%	35.0%
Hypertensive Nephrosclerosis	18.7%	18.9%	22.0%	23.1%	24.2%	24.8%	24.1%	28.1%	28.7%	28.0%
Polycystic Kidneys	9.9%	9.1%	10.1%	8.8%	8.4%	7.2%	8.8%	9.2%	7.3%	7.5%
Tubular and Interstitial Diseases	5.2%	6.1%	4.0%	3.7%	4.6%	4.0%	5.8%	4.8%	4.2%	4.8%
Renovascular & Other Vascular Diseases	5.1%	7.8%	5.5%	6.4%	5.5%	4.3%	3.3%	2.9%	3.6%	2.7%
Congenital, Rare Familial, & Metabolic Disorders	1.3%	0.7%	1.4%	1.1%	1.0%	0.7%	0.7%	0.6%	0.7%	0.7%
Neoplasms	0.4%	0.1%	0.4%	0.3%	0.3%	0.4%	0.7%	0.2%	0.4%	0.5%
Other	8.3%	8.9%	10.0%	6.6%	9.2%	8.1%	8.4%	7.5%	7.8%	6.5%
Unknown	1.5%	2.0%	1.8%	1.0%	0.5%	1.0%	0.5%	0.6%	0.4%	0.2%
Cold Ischemic Time										
0-11 Hours	107	109	125	186	263	268	324	371	367	382
12-21 Hours	488	437	476	519	595	608	709	757	731	798
22-31 Hours	372	341	307	291	302	363	420	377	393	449
32-41 Hours	111	94	84	80	78	90	92	117	144	107
42+ Hours	18	19	14	17	32	26	31	38	49	52
Unknown	139	184	193	192	201	211	203	157	145	124
Cold Ischemic Time (%)										
0-11 Hours	8.7%	9.2%	10.4%	14.5%	17.9%	17.1%	18.2%	20.4%	20.1%	20.0%
12-21 Hours	39.5%	36.9%	39.7%	40.4%	40.4%	38.8%	39.9%	41.7%	40.0%	41.7%
22-31 Hours	30.1%	28.8%	25.6%	22.6%	20.5%	23.2%	23.6%	20.7%	21.5%	23.5%
32-41 Hours	9.0%	7.9%	7.0%	6.2%	5.3%	5.7%	5.2%	6.4%	7.9%	5.6%
42+ Hours	1.5%	1.6%	1.2%	1.3%	2.2%	1.7%	1.7%	2.1%	2.7%	2.7%
Unknown	11.3%	15.5%	16.1%	14.9%	13.7%	13.5%	11.4%	8.6%	7.9%	6.5%

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Notes:

(-) = None in category.

These data include multi-organ transplants, other than kidney-pancreas, in which a deceased donor Expanded Criteria Donors (ECD) kidney was the organ 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.