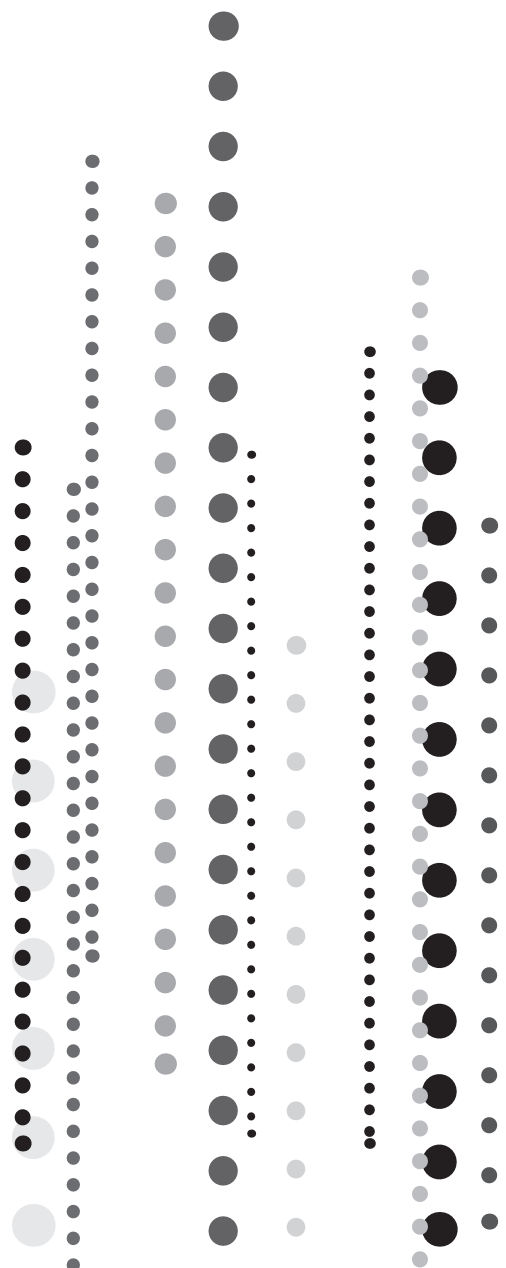




E

TRANSPLANTATION:
PROCESS





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Table E.1

Total patients wait-listed for a kidney*by age, gender, race, ethnicity, & primary diagnosis*

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<1	*	*	*	.	*	.	*	*	15	11	*	*
1-4	*	*	*	*	*	*	13	30	21	29	22	33
5-9	*	*	*	*	11	16	25	72	73	62	55	66
10-14	*	*	*	*	18	34	60	126	142	144	162	161
15-19	23	20	23	32	48	82	140	293	319	350	320	376
20-29	65	91	107	150	229	373	654	1,349	1,521	1,704	1,862	1,948
30-39	81	108	145	210	327	535	1,056	2,313	2,503	2,841	3,102	3,454
40-49	31	51	85	131	255	494	936	2,110	2,439	2,878	3,269	3,721
50-59	16	33	46	81	131	254	604	1,488	1,703	2,014	2,231	2,636
60-64	*	*	*	*	21	52	147	385	449	563	675	792
65-69	.	*	*	*	*	17	43	170	207	262	323	364
70-79	.	.	.	.	*	*	*	29	46	61	95	128
80+	.	.	.	.	.	.	.	*	*	*	*	*
Unknown	.	.	.	.	.	.	*	*	11	*	*	*
0-19	31	28	38	51	82	139	239	525	570	596	566	645
20-44	163	230	298	432	698	1,172	2,207	4,767	5,357	6,058	6,729	7,380
45-64	35	56	90	150	265	536	1,190	2,878	3,258	3,942	4,410	5,171
65-74	.	*	*	*	*	22	52	192	245	314	407	471
75+	.	.	.	.	.	.	*	*	12	*	15	26
Unknown	.	.	.	.	.	.	*	*	11	*	*	*
Male	123	162	213	316	534	977	1,953	4,617	5,296	6,147	6,909	7,783
Female	106	154	215	321	519	892	1,738	3,758	4,157	4,782	5,228	5,911
Unknown	.	.	.	.	.	.	.	.	.	.	.	.
White	146	197	261	379	615	1,110	2,247	5,310	6,023	6,848	7,552	8,361
Black	77	111	156	239	406	697	1,293	2,591	2,872	3,422	3,812	4,486
Native American	*	*	*	*	*	16	31	93	107	127	149	163
Asian	*	*	*	12	20	41	97	313	391	466	552	604
Other/Unknown	.	.	.	*	*	*	23	68	60	66	72	80
†Hispanic												
†Non-Hispanic												
Diabetes	11	12	15	20	35	90	300	1,123	1,407	1,731	2,067	2,555
Hypertension	24	41	59	81	135	246	512	1,257	1,576	1,931	2,302	2,766
Glomerulonephritis	76	99	134	199	320	534	1,010	2,346	2,704	3,202	3,551	3,842
Other cause/unknown	118	164	220	337	563	999	1,869	3,649	3,766	4,065	4,217	4,531
All	229	316	428	637	1,053	1,869	3,691	8,375	9,453	10,929	12,137	13,694

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

. " Zero values in this cell.

Table E.1 (continued)

Total patients wait-listed for a kidney

by age, gender, race, ethnicity, & primary diagnosis

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	*	12	*	*	*	*	12	*	13	*	15	15	22
1-4	32	30	24	41	42	39	39	36	34	48	41	47	64
5-9	89	69	66	79	89	101	78	78	95	116	106	93	115
10-14	177	173	145	156	189	174	195	167	196	219	238	252	285
15-19	405	430	369	340	360	409	434	440	431	455	547	595	629
20-29	2,198	2,350	2,522	2,650	2,818	3,007	3,086	3,269	3,230	3,350	3,490	3,673	3,761
30-39	4,014	4,432	4,871	5,309	5,696	6,160	6,438	6,929	7,359	7,651	8,135	8,696	8,775
40-49	4,527	5,111	5,749	6,734	7,492	8,193	8,980	9,770	10,676	11,406	12,401	13,355	13,908
50-59	3,209	3,886	4,569	5,322	6,332	7,312	8,524	9,833	11,433	12,862	14,397	16,035	17,325
60-64	938	1,126	1,450	1,764	2,084	2,498	2,987	3,490	4,197	4,892	5,700	6,454	7,124
65-69	486	609	788	1,069	1,303	1,574	1,894	2,263	2,758	3,348	3,925	4,577	5,156
70-79	181	221	237	305	434	567	765	1,032	1,394	1,731	2,145	2,707	3,099
80+	.	*	*	*	12	14	20	26	42	65	76	103	134
Unknown	*	.	*	.	.	.	*	*	*	*	*	*	*
0-19	709	714	608	622	685	733	758	729	769	847	947	1,002	1,115
20-44	8,541	9,422	10,251	11,242	12,074	13,075	13,869	14,852	15,517	16,285	17,254	18,388	18,857
45-64	6,345	7,483	8,910	10,537	12,348	14,095	16,146	18,439	21,378	23,876	26,869	29,825	32,036
65-74	644	804	993	1,328	1,661	2,043	2,539	3,112	3,889	4,730	5,623	6,730	7,565
75+	23	31	40	56	88	112	140	209	305	414	523	657	824
Unknown	*	.	*	.	.	.	*	*	*	*	*	*	*
Male	9,299	10,584	11,965	13,557	15,340	17,087	19,230	21,494	24,052	26,486	29,416	32,423	34,846
Female	6,964	7,869	8,838	10,228	11,516	12,971	14,224	15,848	17,807	19,668	21,802	24,179	25,534
Unknown	*	*	.	.	.	.	.	.	.	.	*	*	18
White	9,858	10,809	12,072	13,587	15,171	16,834	18,488	20,553	22,831	24,830	27,446	30,353	32,310
Black	5,392	6,442	7,316	8,475	9,637	10,795	12,198	13,653	15,280	16,966	18,665	20,447	21,611
Native American	200	204	216	308	339	361	422	436	492	567	654	714	721
Asian	721	895	1,077	1,276	1,538	1,830	2,017	2,276	2,654	3,022	3,452	3,784	4,092
Other/Unknown	93	104	122	139	171	238	329	424	602	769	1,002	1,306	1,664
†Hispanic					3,015	3,740	4,185	4,935	5,858	6,704	7,601	8,652	9,621
†Non-Hispanic					23,841	26,318	29,269	32,407	36,001	39,450	43,618	47,952	50,777
Diabetes	3,396	3,981	4,605	5,553	6,560	7,617	8,761	10,172	12,011	13,509	15,454	17,443	18,937
Hypertension	3,378	4,068	4,626	5,215	5,856	6,435	7,186	8,150	9,326	10,378	11,359	12,666	13,574
Glomerulonephritis	4,487	5,087	5,766	6,586	7,247	8,032	8,732	9,420	9,983	10,756	11,631	12,345	12,746
Other cause/unknown	5,003	5,318	5,806	6,431	7,193	7,974	8,775	9,600	10,539	11,511	12,775	14,150	15,141
All	16,264	18,454	20,803	23,785	26,856	30,058	33,454	37,342	41,859	46,154	51,219	56,604	60,398

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.1 (continued)

Total patients wait-listed for a kidney, with unknowns dropped*by age, gender, race, ethnicity, & primary diagnosis*

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<1	*	*	.	.	.	.	*	*	*	*	*	*
1-4	*	*	*	*	*	*	*	23	21	25	20	30
5-9	*	*	*	*	*	15	24	62	65	57	48	59
10-14	*	*	*	*	12	23	44	99	120	128	145	140
15-19	18	15	16	21	37	62	103	235	277	299	278	336
20-29	54	71	82	110	164	265	484	1,071	1,302	1,509	1,662	1,764
30-39	48	66	100	141	223	376	769	1,851	2,109	2,493	2,783	3,135
40-49	17	27	47	77	155	315	629	1,615	1,998	2,474	2,921	3,386
50-59	*	15	22	40	69	148	388	1,119	1,375	1,708	1,936	2,358
60-64	*	*	*	*	*	18	74	276	352	461	580	694
65-69	.	.	.	.	*	*	20	118	160	204	261	305
70-79	.	.	.	.	.	*	*	12	26	48	75	103
80+	.	.	.	.	.	.	.	.	*	.	*	*
0-19	24	21	25	32	60	105	182	421	493	516	497	573
20-44	112	153	205	292	477	815	1,601	3,782	4,513	5,304	6,013	6,711
45-64	17	28	48	80	141	307	743	2,150	2,623	3,341	3,869	4,626
65-74	.	.	.	.	*	*	22	127	183	245	329	392
75+	.	.	.	.	.	.	.	*	*	*	*	20
Male	83	105	142	200	348	655	1,349	3,612	4,453	5,386	6,182	7,067
Female	70	97	136	204	332	578	1,199	2,871	3,363	4,027	4,536	5,255
White	99	125	171	246	399	727	1,550	4,180	5,049	5,983	6,714	7,559
Black	48	70	97	143	258	462	907	2,000	2,370	2,939	3,395	4,082
Native American	*	*	*	*	*	15	26	79	95	115	136	151
Asian	*	*	*	*	15	29	65	224	302	376	473	530
†Hispanic												
†Non-Hispanic												
Diabetes	11	12	15	20	34	89	299	1,122	1,406	1,730	2,062	2,541
Hypertension	24	41	59	81	135	246	511	1,255	1,574	1,927	2,298	2,761
Glomerulonephritis	74	97	132	196	317	531	1,005	2,336	2,696	3,190	3,538	3,825
Other cause	44	52	72	107	194	367	733	1,770	2,140	2,566	2,820	3,195
All	153	202	278	404	680	1,233	2,548	6,483	7,816	9,413	10,718	12,322

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

. "Zero values in this cell.

Table E.1 (continued)

Total patients wait-listed for a kidney, with unknowns dropped

by age, gender, race, ethnicity, & primary diagnosis

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	*	*	*	*	*	*	11	*	11	*	12	*	13
1-4	31	24	21	38	38	30	34	28	28	36	30	34	42
5-9	75	58	59	65	76	91	70	69	85	90	87	69	68
10-14	157	159	134	139	170	158	170	140	161	190	191	200	208
15-19	355	389	329	309	327	366	382	385	372	388	447	460	465
20-29	2,024	2,187	2,339	2,449	2,602	2,744	2,813	2,946	2,896	2,943	3,008	3,131	3,111
30-39	3,738	4,157	4,563	4,972	5,318	5,732	5,946	6,374	6,729	6,988	7,347	7,710	7,603
40-49	4,176	4,803	5,439	6,352	7,001	7,640	8,326	9,073	9,876	10,485	11,351	12,054	12,236
50-59	2,953	3,653	4,301	5,001	5,953	6,817	7,899	9,132	10,605	11,933	13,241	14,592	15,288
60-64	851	1,056	1,357	1,648	1,948	2,342	2,780	3,249	3,880	4,500	5,199	5,836	6,270
65-69	431	560	731	991	1,189	1,448	1,747	2,116	2,565	3,082	3,562	4,120	4,495
70-79	160	198	222	281	403	521	688	943	1,270	1,578	1,972	2,444	2,705
80+	.	*	*	*	*	12	14	20	36	60	69	96	119
0-19	622	640	547	557	614	653	667	629	657	708	767	773	796
20-44	7,918	8,829	9,593	10,503	11,228	12,112	12,785	13,636	14,184	14,801	15,493	16,247	16,271
45-64	5,824	7,027	8,406	9,919	11,594	13,163	14,979	17,138	19,802	22,048	24,653	27,076	28,237
65-74	571	732	922	1,229	1,521	1,877	2,324	2,890	3,593	4,338	5,119	6,066	6,603
75+	20	31	39	53	81	104	125	189	278	382	484	594	716
Male	8,618	9,947	11,264	12,730	14,329	15,853	17,754	19,853	22,127	24,264	26,750	29,111	30,442
Female	6,337	7,312	8,243	9,531	10,709	12,056	13,126	14,629	16,387	18,013	19,766	21,645	22,181
White	9,102	10,169	11,383	12,769	14,188	15,648	17,156	19,090	21,192	22,988	25,184	27,503	28,307
Black	5,021	6,076	6,921	8,029	9,129	10,235	11,472	12,902	14,422	15,999	17,588	19,172	20,025
Native American	186	192	206	299	329	344	397	411	469	543	621	675	674
Asian	646	822	997	1,164	1,392	1,682	1,855	2,079	2,431	2,747	3,123	3,406	3,617
†Hispanic					2,758	3,397	3,785	4,458	5,271	6,009	6,717	7,620	8,366
†Non-Hispanic					22,280	24,512	27,095	30,024	33,243	36,268	39,799	43,136	44,257
Diabetes	3,374	3,930	4,514	5,426	6,394	7,412	8,463	9,808	11,533	12,927	14,704	16,504	17,528
Hypertension	3,369	4,057	4,604	5,165	5,768	6,313	7,023	7,960	9,084	10,076	10,979	12,130	12,800
Glomerulonephritis	4,462	5,050	5,714	6,513	7,144	7,890	8,547	9,204	9,720	10,445	11,216	11,763	11,871
Other cause	3,750	4,222	4,675	5,157	5,732	6,294	6,847	7,510	8,177	8,829	9,617	10,359	10,424
All	14,955	17,259	19,507	22,261	25,038	27,909	30,880	34,482	38,514	42,277	46,516	50,756	52,623

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.2

Total ESRD-certified patients wait-listed for a kidney*by age, gender, race, ethnicity, & primary diagnosis*

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<1	.	.	.	.	.	.	*	*	*	*	*	*
1-4	*	*	.	.	*	*	*	21	15	23	19	23
5-9	*	*	*	*	*	12	22	62	64	53	47	55
10-14	*	*	*	*	12	25	46	99	128	128	145	144
15-19	14	13	17	24	39	62	107	238	279	287	281	340
20-29	50	68	80	111	169	274	497	1,098	1,303	1,499	1,665	1,767
30-39	41	59	98	144	231	391	783	1,847	2,072	2,472	2,752	3,103
40-49	12	23	42	72	156	317	650	1,627	1,997	2,420	2,851	3,291
50-59	*	*	17	34	62	146	404	1,151	1,394	1,704	1,913	2,319
60-64	*	*	*	*	*	20	83	280	356	481	584	682
65-69	.	.	.	.	*	*	21	127	162	214	275	319
70-79	.	.	.	.	.	*	*	16	30	49	76	111
80+	.	.	.	.	.	.	.	.	*	.	*	*
0-19	18	17	25	35	62	104	186	422	495	498	498	567
20-44	99	141	199	293	490	839	1,642	3,817	4,470	5,247	5,939	6,630
45-64	*	21	40	72	136	309	775	2,186	2,652	3,329	3,826	4,532
65-74	.	.	.	.	*	*	24	137	186	256	344	412
75+	.	.	.	.	.	.	*	*	*	*	*	21
Male	70	94	134	200	355	668	1,386	3,662	4,437	5,342	6,119	6,985
Female	56	85	130	200	335	590	1,242	2,906	3,373	3,995	4,499	5,177
White	77	107	160	240	404	748	1,614	4,222	5,011	5,868	6,571	7,361
Black	46	68	96	147	264	467	921	2,018	2,382	2,965	3,419	4,109
Native American	*	*	*	*	*	15	26	81	96	114	137	150
Asian	*	*	*	*	13	26	62	236	315	384	485	530
†Hispanic												
†Non-Hispanic												
Diabetes	*	*	*	*	23	76	274	1,043	1,284	1,605	1,889	2,349
Hypertension	18	35	52	74	128	234	483	1,203	1,511	1,862	2,221	2,663
Glomerulonephritis	61	86	125	189	309	518	985	2,265	2,610	3,068	3,415	3,678
Other cause	45	55	82	127	230	430	886	2,057	2,405	2,802	3,093	3,472
All	126	179	264	400	690	1,258	2,628	6,568	7,810	9,337	10,618	12,162

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.2 (continued)

Total ESRD patients wait-listed for a kidney

by age, gender, race, ethnicity, & primary diagnosis

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	*	11	*	*	*	*	*	*	*	*	13	*	14
1-4	27	20	17	31	37	27	30	31	24	37	28	33	45
5-9	76	63	56	62	73	83	59	62	70	81	76	66	72
10-14	154	153	124	127	156	144	152	133	152	186	197	203	211
15-19	363	386	329	314	323	368	383	393	377	397	464	481	520
20-29	2,003	2,193	2,356	2,453	2,616	2,782	2,856	2,999	2,980	3,097	3,203	3,340	3,402
30-39	3,650	4,057	4,471	4,860	5,248	5,652	5,922	6,358	6,745	7,017	7,478	7,954	7,974
40-49	4,076	4,683	5,266	6,167	6,838	7,467	8,173	8,928	9,723	10,404	11,331	12,146	12,545
50-59	2,891	3,576	4,191	4,890	5,789	6,708	7,750	8,975	10,414	11,756	13,132	14,531	15,556
60-64	840	1,031	1,321	1,619	1,921	2,314	2,761	3,183	3,841	4,483	5,169	5,867	6,383
65-69	433	562	738	999	1,196	1,456	1,732	2,094	2,540	3,061	3,570	4,143	4,577
70-79	164	204	221	285	407	539	702	954	1,271	1,574	1,958	2,454	2,756
80+	.	*	*	*	*	13	16	22	38	61	69	101	128
0-19	625	633	530	539	592	627	634	625	633	705	778	792	862
20-44	7,753	8,682	9,437	10,300	11,111	11,997	12,735	13,624	14,223	14,964	15,827	16,748	17,088
45-64	5,707	6,858	8,168	9,689	11,301	12,926	14,727	16,819	19,480	21,793	24,486	27,090	28,772
65-74	579	741	929	1,240	1,531	1,904	2,322	2,877	3,565	4,312	5,112	6,089	6,713
75+	18	30	38	54	82	104	128	193	284	384	485	609	748
Male	8,479	9,759	11,025	12,489	14,093	15,739	17,618	19,697	21,976	24,272	26,920	29,590	31,423
Female	6,203	7,185	8,077	9,333	10,524	11,819	12,928	14,441	16,209	17,886	19,769	21,739	22,761
White	8,806	9,812	10,941	12,259	13,588	15,036	16,448	18,309	20,325	22,156	24,428	26,840	28,304
Black	5,032	6,101	6,930	8,036	9,222	10,356	11,638	13,047	14,565	16,169	17,777	19,449	20,430
Native American	184	195	205	292	317	331	392	404	460	544	629	688	684
Asian	646	819	994	1,176	1,399	1,684	1,844	2,074	2,424	2,741	3,136	3,455	3,719
†Hispanic					2,851	3,559	4,011	4,747	5,650	6,473	7,343	8,395	9,282
†Non-Hispanic					21,766	23,999	26,535	29,391	32,535	35,685	39,346	42,934	44,902
Diabetes	3,117	3,615	4,183	5,041	6,002	6,976	8,014	9,352	11,013	12,450	14,303	16,125	17,421
Hypertension	3,276	3,949	4,490	5,036	5,640	6,187	6,867	7,787	8,875	9,880	10,782	11,986	12,750
Glomerulonephritis	4,274	4,851	5,471	6,229	6,855	7,572	8,230	8,881	9,392	10,087	10,892	11,508	11,803
Other cause	4,015	4,529	4,958	5,516	6,120	6,823	7,435	8,118	8,905	9,741	10,712	11,710	12,210
All	14,682	16,944	19,102	21,822	24,617	27,558	30,546	34,138	38,185	42,158	46,689	51,329	54,184

Age is calculated as of December 31 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.3
Percent of prevalent dialysis patients wait-listed for a kidney
by demographic characteristics & primary diagnosis

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<1	.	.	.	.	.	.	1.3	2.6	9.8	6.7	7.3	3.9
1-4	3.7	2.2	.	.	1.3	4.3	8.8	18.8	14.9	20.6	19.2	18.5
5-9	1.8	1.9	3.0	2.6	4.9	6.6	11.9	33.1	34.5	24.0	21.6	27.5
10-14	0.4	0.3	0.9	1.6	3.1	6.4	12.2	25.7	31.3	33.2	31.9	31.5
15-19	1.7	1.5	1.8	2.5	4.3	6.6	11.4	24.1	26.5	24.9	24.5	29.4
20-29	1.1	1.4	1.6	2.1	3.0	4.8	8.6	18.5	20.4	22.0	23.4	24.1
30-39	0.6	0.7	1.0	1.5	2.3	3.6	6.8	15.1	15.9	17.2	18.0	18.9
40-49	0.2	0.3	0.5	0.7	1.3	2.4	4.8	11.1	12.3	13.3	14.1	14.5
50-59	0.0	0.1	0.1	0.2	0.3	0.8	2.1	5.6	6.4	7.2	7.4	8.2
60-64	0.0	0.0	0.0	0.0	0.1	0.2	0.7	2.0	2.4	3.0	3.3	3.6
65-69	.	.	.	.	0.0	0.1	0.2	0.9	1.0	1.2	1.4	1.5
70-79	.	.	.	.	.	0.0	0.0	0.1	0.1	0.2	0.3	0.3
80+	.	.	.	.	.	.	.	.	.	.	0.0	0.0
0-19	1.4	1.3	1.6	2.1	3.8	6.1	10.9	24.0	27.0	25.4	24.7	27.6
20-44	0.6	0.8	1.0	1.5	2.3	3.7	6.9	15.2	16.4	17.5	18.3	19.1
45-64	0.0	0.1	0.1	0.2	0.4	0.8	2.0	5.2	5.9	6.8	7.1	7.7
65-74	.	.	.	.	0.0	0.0	0.1	0.5	0.6	0.8	1.0	1.0
75+	.	.	.	.	.	.	0.0	0.1	0.0	0.0	0.1	0.1
Male	0.2	0.3	0.3	0.5	0.8	1.3	2.6	6.5	7.2	7.8	8.1	8.4
Female	0.2	0.3	0.4	0.6	0.9	1.4	2.7	5.6	6.0	6.3	6.4	6.7
White	0.2	0.3	0.3	0.5	0.8	1.3	2.6	6.3	6.9	7.4	7.5	7.7
Black	0.3	0.4	0.4	0.6	0.9	1.5	2.7	5.3	5.7	6.3	6.6	7.1
Native American	0.4	0.3	0.6	0.8	1.1	1.7	2.6	6.9	7.1	7.4	7.8	7.7
Asian	0.6	0.7	0.8	0.8	1.1	1.7	3.5	10.9	12.4	12.7	13.7	12.5
†Hispanic												
†Non-Hispanic												
Diabetes	0.0	0.0	0.0	0.1	0.1	0.4	1.3	4.2	4.5	4.7	4.6	4.9
Hypertension	0.2	0.3	0.3	0.4	0.6	1.0	1.8	4.0	4.4	4.9	5.2	5.5
Glomerulonephritis	0.6	0.7	0.8	1.2	1.7	2.7	4.9	10.5	11.4	12.4	13.0	13.3
Other cause	0.2	0.2	0.3	0.4	0.7	1.4	2.8	6.4	7.3	8.3	8.9	9.5
All	0.2	0.3	0.4	0.5	0.8	1.4	2.7	6.1	6.6	7.1	7.3	7.6

Point prevalent patients on December 31 of the given year.
 Age is calculated as of January 1 of the given year.
 †CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.
 “. ” Zero values in this cell.

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Median time in days to first renal transplant from first ESRD service day, by age, gender, race, ethnicity, blood type, HLA mismatches, & peak PRA (E.a).

Table E.3 (continued)

Percent of prevalent dialysis patients wait-listed for a kidney

by age, gender, race, ethnicity, & primary diagnosis

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	4.0	9.5	4.3	4.4	3.3	5.2	9.5	5.7	8.1	3.5	11.8	7.4	8.8
1-4	23.5	16.5	13.6	20.8	23.6	22.9	25.2	28.7	20.0	32.7	22.2	27.6	34.7
5-9	37.4	30.0	23.0	27.2	31.2	32.6	24.5	24.7	26.8	31.8	29.8	28.0	29.1
10-14	32.6	33.0	26.4	27.4	32.6	30.0	30.9	30.0	28.9	33.3	32.5	35.7	36.9
15-19	30.3	31.4	28.7	27.1	26.4	29.8	30.4	31.2	30.6	31.5	34.2	35.8	36.7
20-29	25.6	27.1	28.0	28.7	29.8	31.0	30.9	32.2	31.7	32.8	34.4	35.8	35.8
30-39	20.6	21.7	22.5	23.7	24.9	26.1	26.9	28.0	29.3	30.1	31.6	33.1	33.0
40-49	16.3	17.2	17.7	19.0	19.6	20.4	20.9	21.7	22.8	23.7	25.2	26.1	26.1
50-59	9.3	10.6	11.3	12.4	13.4	14.3	15.2	16.2	17.5	18.5	19.6	20.6	20.9
60-64	4.1	4.8	5.7	6.6	7.3	8.2	9.2	10.1	11.6	13.0	14.1	15.0	15.7
65-69	1.8	2.2	2.7	3.5	3.9	4.5	5.2	6.0	7.0	8.1	9.2	10.3	11.1
70-79	0.5	0.5	0.5	0.6	0.8	0.9	1.1	1.4	1.8	2.2	2.6	3.2	3.5
80+	.	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3
0-19	29.7	29.5	25.4	25.7	27.0	28.6	28.6	28.8	27.9	30.5	31.6	33.1	34.0
20-44	20.7	21.9	22.5	23.5	24.4	25.4	26.1	27.2	27.9	28.9	30.3	31.6	31.6
45-64	8.9	9.8	10.7	11.8	12.8	13.6	14.3	15.3	16.7	17.7	18.9	19.9	20.1
65-74	1.3	1.5	1.7	2.2	2.5	2.9	3.4	4.1	4.9	5.7	6.6	7.6	8.2
75+	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.6	0.7	0.8	0.9
Male	9.2	9.8	10.1	10.8	11.2	11.7	12.2	12.9	13.7	14.4	15.2	16.0	16.3
Female	7.2	7.8	8.0	8.7	9.1	9.6	9.9	10.6	11.3	12.1	12.9	13.6	13.9
White	8.4	8.8	9.0	9.6	9.9	10.3	10.7	11.2	11.8	12.4	13.1	13.9	14.1
Black	7.7	8.5	8.9	9.6	10.3	10.8	11.3	12.1	12.9	13.8	14.6	15.3	15.7
Native American	8.2	7.8	7.3	9.6	9.6	9.3	10.1	9.8	10.6	11.8	13.1	13.8	13.4
Asian	13.0	13.9	14.6	15.3	16.5	18.2	18.2	19.0	20.4	21.5	23.0	24.0	24.6
†Hispanic					11.2	12.5	12.7	13.7	14.5	15.5	16.4	17.6	18.2
†Non-Hispanic					10.1	10.5	10.9	11.5	12.3	12.9	13.8	14.5	14.7
Diabetes	5.6	5.8	5.9	6.4	6.8	7.1	7.5	8.2	9.0	9.6	10.4	11.1	11.6
Hypertension	6.0	6.7	6.9	7.5	8.1	8.4	8.9	9.6	10.5	11.2	11.7	12.5	12.9
Glomerulonephritis	14.6	15.8	16.7	18.2	19.0	20.2	21.2	22.3	23.4	24.7	26.4	27.7	28.1
Other cause	10.6	11.5	12.1	12.6	13.3	14.1	14.6	15.1	15.9	16.9	17.9	19.0	18.9
All	8.3	8.8	9.1	9.8	10.2	10.7	11.2	11.8	12.6	13.3	14.1	14.9	15.2

Point prevalent patients on January 1 of the given year.

Age is calculated as of January 1 of the given year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

“.” Zero values in this cell.

Table E.4

Percent of patients wait-listed or receiving a deceased-donor kidney within one year of their ESRD initiation date*by age, gender, race, ethnicity, & primary diagnosis*

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<1	51.1	29.3	43.0	37.9	26.1	30.9	40.5	32.8	31.3	34.2	26.0	35.2
1-4	31.3	19.8	49.1	49.4	49.0	60.0	48.6	65.6	79.6	59.3	64.9	30.0
5-9	55.7	52.6	50.5	53.1	52.2	57.3	70.7	68.7	69.7	61.2	61.3	73.9
10-14	41.5	40.3	38.6	40.7	45.1	55.3	59.7	67.5	67.2	55.0	50.5	55.0
15-19	31.8	30.9	34.0	35.4	36.7	37.8	47.3	52.8	56.4	50.6	51.8	44.4
20-29	27.7	27.2	27.9	28.3	28.1	31.4	35.9	41.7	40.9	40.9	36.4	39.1
30-39	18.9	21.4	22.4	23.0	22.3	25.7	31.0	35.1	34.6	33.2	32.8	31.4
40-49	11.2	12.8	12.1	13.5	13.3	16.0	20.5	26.4	26.8	25.3	24.5	24.4
50-59	4.1	3.9	4.0	4.3	4.9	5.6	8.6	12.3	12.8	12.0	12.5	12.8
60-64	0.4	0.8	0.6	1.1	1.2	1.8	3.0	4.5	4.8	4.5	5.2	5.6
65-69	0.3	.	0.1	0.2	0.4	0.5	0.7	1.4	1.3	1.7	1.9	2.0
70-79	.	.	.	0.1	0.2	0.1	0.1	0.3	0.3	0.4	0.4	0.4
80+	.	.	.	.	0.1	0.1	0.2	.	.	0.1	0.2	0.1
0-19	37.3	35.3	38.4	39.3	40.4	44.8	52.8	57.5	58.9	51.8	51.3	47.9
20-44	19.9	21.4	22.3	22.6	22.4	25.3	30.4	35.2	34.9	33.6	32.2	32.1
45-64	4.1	4.2	3.8	4.5	4.6	5.7	8.3	11.5	11.9	11.5	11.5	11.8
65-74	0.2	.	0.1	0.2	0.3	0.3	0.5	1.0	0.9	1.2	1.2	1.3
75+	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Male	9.3	10.2	9.7	9.4	9.5	10.6	12.9	15.7	15.1	14.1	13.7	13.1
Female	6.8	6.5	6.8	6.3	6.5	7.4	9.5	10.8	11.4	10.5	9.7	9.6
White	9.4	10.2	9.8	9.6	9.4	10.6	13.2	15.3	14.8	14.2	13.3	12.8
Black	4.8	4.7	4.8	4.4	5.1	5.4	7.0	8.7	9.5	8.3	8.2	8.2
Native American	9.7	3.3	3.7	8.0	5.6	8.2	11.0	9.3	12.5	8.8	9.6	10.3
Asian	20.5	12.2	16.4	9.5	9.9	12.1	13.8	21.7	22.8	20.6	19.2	17.2
†Hispanic												
†Non-Hispanic												
Diabetes	9.5	9.3	8.3	7.4	8.0	8.7	10.2	11.6	10.7	10.4	9.1	9.0
Hypertension	5.3	4.4	4.2	3.6	4.0	4.4	5.8	7.8	7.9	7.0	7.4	7.0
Glomerulonephritis	13.8	13.9	13.8	14.7	12.8	15.4	19.2	23.0	23.7	22.4	21.9	21.5
Other cause	7.1	8.0	8.7	8.3	9.2	10.3	13.4	16.1	17.0	16.8	16.9	16.9
All	8.2	8.5	8.4	8.0	8.1	9.1	11.3	13.4	13.4	12.4	11.8	11.5

Age is calculated as of the day of ESRD initiation.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

" ." Zero values in this cell.

Table E.4 (continued)

Percent of patients wait-listed or receiving a deceased-donor kidney within one year of their ESRD initiation date
by age, gender, race, ethnicity, & primary diagnosis

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	24.7	23.4	17.3	17.9	22.0	24.7	36.1	23.4	19.4	14.1	21.9	18.5	22.2
1-4	65.4	41.1	55.3	56.3	53.8	50.9	48.6	44.5	40.4	54.9	38.4	59.8	49.1
5-9	59.1	60.3	51.0	65.8	61.4	61.2	43.4	56.6	46.9	53.8	41.3	47.8	51.0
10-14	52.2	62.8	46.8	60.5	59.8	56.1	56.5	55.3	47.5	49.0	46.0	50.0	48.8
15-19	46.5	42.3	50.9	42.5	34.5	43.6	42.9	43.5	37.5	36.0	40.8	44.6	48.0
20-29	37.2	35.8	36.2	33.3	35.2	33.2	31.1	31.6	28.9	29.0	28.8	27.6	34.1
30-39	32.2	31.0	29.6	30.2	29.0	28.0	29.1	27.4	26.6	25.3	26.6	26.1	29.4
40-49	24.8	23.8	23.3	24.0	22.9	21.5	21.4	21.2	20.3	20.0	18.8	19.6	22.0
50-59	13.2	13.6	13.9	13.4	13.5	14.4	14.2	13.8	13.7	13.5	13.9	14.6	16.3
60-64	5.4	6.1	6.1	7.4	7.4	8.0	8.0	8.4	8.9	8.4	9.1	10.2	11.5
65-69	2.2	2.8	2.9	3.7	3.4	3.6	4.2	4.5	4.6	5.1	5.7	6.2	8.1
70-79	0.5	0.4	0.4	0.6	0.6	0.7	0.8	1.0	1.2	1.2	1.3	1.5	2.2
80+	0.1	.	.	0.1	.	.	0.1	0.1	0.1	0.1	0.1	0.2	0.2
0-19	48.0	46.7	47.6	47.8	43.1	47.3	45.5	46.5	39.3	40.5	40.8	44.6	45.4
20-44	31.5	30.4	29.6	29.2	28.8	27.6	27.1	26.4	25.2	24.4	24.3	24.4	28.3
45-64	12.4	12.7	12.9	13.3	13.0	13.3	13.4	13.4	13.3	13.0	13.3	14.0	15.6
65-74	1.5	1.7	1.8	2.3	2.1	2.4	2.7	3.0	3.2	3.4	3.8	4.2	5.8
75+	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5
Male	13.0	12.9	12.4	12.6	11.7	11.5	11.2	11.0	10.7	10.2	10.5	11.1	13.1
Female	9.7	9.2	9.1	9.0	8.7	8.4	8.7	8.5	8.2	8.4	8.2	8.7	10.2
White	12.6	12.1	11.5	11.8	10.8	10.8	10.8	10.2	9.7	9.5	9.5	10.2	11.9
Black	8.4	8.6	8.9	9.1	8.8	7.9	7.9	8.2	8.3	8.1	8.3	8.6	9.9
Native American	9.0	8.7	11.0	10.6	9.6	9.5	8.5	8.3	7.9	7.4	9.2	7.9	10.0
Asian	17.7	17.6	16.5	13.6	17.0	15.7	15.7	16.6	17.3	18.0	16.5	18.0	20.6
†Hispanic					8.7	9.2	9.8	9.3	9.3	9.7	10.3	11.1	12.1
†Non-Hispanic					10.5	10.1	10.0	9.9	9.6	9.3	9.3	9.8	11.7
Diabetes	9.2	8.6	8.8	8.7	8.3	8.0	8.0	8.1	7.8	7.7	7.9	8.2	9.4
Hypertension	7.2	7.0	6.5	7.0	6.7	6.1	6.2	6.5	6.7	6.2	6.2	6.8	8.1
Glomerulonephritis	22.7	22.2	21.9	22.0	20.2	21.3	21.3	21.0	20.2	20.4	21.3	22.6	27.7
Other cause	15.8	16.6	15.7	14.9	14.4	14.5	14.7	13.6	13.0	13.5	12.6	13.8	15.8
All	11.4	11.1	10.8	10.9	10.3	10.0	10.0	9.8	9.5	9.4	9.4	10.0	11.8

Age is calculated as of the day of ESRD initiation.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

“. “ Zero values in this cell.

Table E.5

Renal transplants: by donor type

	Living Donor Relation											Total
	Deceased	Living (Total)	Distantly Related	Spouse/ Life Partner	Paired Exchange	Unrelated Directed	Nondirected Donation	Living-Deceased Exchange	Unknown	Unknown		
1980	2,578	914	.	.	.	.	.	.	.	914	292	3,784
1981	2,868	1,135	.	.	.	.	.	.	.	1,135	223	4,226
1982	3,402	1,549	.	.	.	.	.	.	.	1,549	159	5,110
1983	3,966	1,709	.	.	.	.	.	.	.	1,709	201	5,876
1984	4,612	1,927	.	.	.	.	.	.	.	1,927	197	6,736
1985	4,944	2,325	.	.	.	.	.	.	.	2,325	231	7,500
1986	5,773	2,858	.	.	.	.	.	.	.	2,858	247	8,878
1987	6,053	2,693	.	.	.	.	.	.	.	2,693	186	8,932
1988	7,276	1,836	1,631	36	38	.	25	.	.	106	114	9,226
1989	7,107	1,920	1,706	31	53	.	30	.	.	100	120	9,147
1990	7,795	2,090	1,729	45	59	.	29	.	.	228	131	10,016
1991	7,735	2,393	2,170	47	59	.	47	.	.	70	109	10,237
1992	7,686	2,543	2,235	70	78	.	75	.	.	85	160	10,389
1993	8,180	2,873	2,401	96	114	.	67	.	.	195	99	11,152
1994	8,380	3,007	2,316	124	130	.	76	.	.	361	108	11,495
1995	8,605	3,392	2,791	180	257	.	158	.	.	*	136	12,133
1996	8,579	3,679	2,839	214	354	.	214	.	*	57	110	12,368
1997	8,616	3,932	2,997	236	380	.	270	.	*	46	106	12,654
1998	9,000	4,417	3,153	296	544	.	361	*	*	60	142	13,559
1999	8,971	4,723	3,284	347	577	.	472	*	.	38	109	13,803
2000	9,029	5,491	3,618	410	669	.	769	20	*	*	62	14,582
2001	9,106	6,032	3,882	470	712	*	923	28	*	*	46	15,184
2002	9,437	6,235	3,850	493	720	*	1,106	56	*	*	41	15,713
2003	9,513	6,470	3,857	475	731	16	1,298	81	*	*	45	16,028
2004	10,228	6,644	3,826	508	800	29	1,382	85	*	*	33	16,905

USRDS counts include non-Medicare patients.

*Values for cells with ten or fewer patients are suppressed.

“.” Zero values in this cell.

Table E.6

Renal transplants: recipients age <20

by age, gender, race, ethnicity, donor type, & number of transplants

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
<1	11	*	*	*	*	*	*	*	13	*	*	*	*	*	92
1-4	97	101	119	79	85	110	120	91	114	95	127	116	121	122	1,497
5-9	148	112	132	122	141	141	124	135	128	105	133	146	144	121	1,832
10-14	194	195	198	220	237	221	211	230	254	206	228	236	281	245	3,156
15-19	348	335	368	463	432	386	354	349	442	404	409	405	445	432	5,572
Male	472	437	467	538	539	550	475	462	540	462	537	551	579	539	7,148
Female	326	310	357	349	365	316	339	351	411	353	365	357	414	387	5,000
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	.	*
White	623	580	631	634	649	643	612	601	719	601	674	678	713	636	8,994
Black	135	130	148	211	200	175	153	169	192	168	161	180	208	179	2,409
Native American	16	*	*	16	15	*	*	11	*	*	16	*	*	12	158
Asian	24	26	30	23	33	31	33	27	23	29	35	30	40	21	405
Other/unknown	.	*	*	*	*	*	*	*	*	11	16	*	23	78	183
†Hispanic						133	130	130	164	144	172	179	191	198	3,256
†Non-Hispanic						733	684	683	787	671	730	729	803	728	1,569
Deceased	381	361	375	487	429	390	347	359	443	356	363	374	452	444	5,561
Living	408	374	435	391	459	462	452	438	493	451	528	529	542	477	6,439
Unknown	*	12	14	*	16	14	15	16	15	*	11	*	.	*	149
1st transplant	662	634	719	743	773	749	720	695	835	717	816	799	882	835	10,579
2nd transplant	116	92	91	121	111	95	77	100	92	86	73	101	102	85	1,342
3rd transplant	16	19	12	21	14	16	15	17	22	11	12	*	*	*	194
4th transplant	*	*	*	*	*	*	*	*	*	*	*	*	*	*	29
5th transplant	.	*	*	*	.	*	*	.	.	.	.	.	.	.	*
All	798	747	824	887	904	866	814	813	951	815	902	908	994	926	12,149

Age is calculated as of the day of transplant.

USRDS counts include non-Medicare patients.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.7

Counts of renal transplants, by donor type: all*by age, gender, race, ethnicity, & primary diagnosis*

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
<1	35	35	46	29	35	33	37	41	46	29	48	45	40	42	541
1-4	73	70	80	53	59	85	88	58	81	71	84	76	84	86	1,048
5-9	148	112	132	122	141	141	124	135	128	105	133	146	144	121	1,832
10-14	194	195	198	220	237	221	211	230	254	206	228	236	281	245	3,156
15-19	348	335	368	463	432	386	354	349	442	404	409	405	445	432	5,572
20-29	1,660	1,558	1,651	1,541	1,536	1,498	1,481	1,483	1,479	1,439	1,424	1,333	1,344	1,412	20,839
30-39	2,565	2,608	2,682	2,733	2,866	2,681	2,637	2,892	2,692	2,783	2,825	2,838	2,682	2,807	38,291
40-49	2,567	2,596	2,793	2,930	3,057	3,286	3,267	3,401	3,415	3,655	3,693	3,701	3,688	3,854	45,903
50-59	1,721	1,840	2,047	2,205	2,330	2,463	2,769	3,066	3,155	3,459	3,697	3,966	4,066	4,409	41,193
60-64	573	591	690	670	817	886	962	976	1,143	1,210	1,349	1,423	1,558	1,632	14,480
65-69	276	330	343	386	454	510	532	675	684	821	850	987	1,093	1,194	9,135
70-79	72	112	118	141	167	175	190	244	275	389	435	547	585	644	4,094
80+	*	*	*	*	*	*	*	*	*	11	*	*	18	26	113
0-19	798	747	824	887	904	866	814	813	951	815	902	908	994	926	12,149
20-44	5,640	5,551	5,790	5,779	5,917	5,754	5,709	6,076	5,844	5,970	5,982	5,909	5,764	5,985	81,670
45-64	3,446	3,642	4,073	4,300	4,689	5,060	5,407	5,742	6,040	6,576	7,006	7,352	7,574	8,129	79,036
65-74	343	422	445	513	598	668	688	875	919	1,153	1,191	1,415	1,551	1,716	12,497
75+	*	27	19	16	24	20	36	53	48	68	103	129	145	148	845
Male	6,132	6,129	6,674	6,915	7,372	7,356	7,549	7,996	8,204	8,622	8,989	9,316	9,583	10,098	110,935
Female	4,105	4,260	4,478	4,579	4,759	5,012	5,105	5,563	5,599	5,959	6,195	6,397	6,444	6,807	75,262
White	7,704	7,718	8,322	8,148	8,725	8,849	9,110	9,857	9,912	10,471	10,787	11,202	11,171	11,441	133,417
Black	2,090	2,176	2,324	2,742	2,833	2,893	2,875	2,974	3,095	3,256	3,488	3,607	3,782	3,924	42,059
Native American	111	97	108	141	120	134	129	121	169	153	160	153	155	181	1,932
Asian	314	384	376	449	426	463	503	558	568	619	661	686	743	811	7,561
†Hispanic						1,235	1,339	1,581	1,591	1,759	1,881	2,046	2,093	2,254	16,945
†Non-Hispanic						11,133	11,315	11,978	12,212	12,823	13,303	13,667	13,935	14,651	125,984
Diabetes	2,432	2,394	2,850	2,917	3,084	3,248	3,281	3,639	3,621	3,810	4,073	4,334	4,306	4,616	48,605
Hypertension	1,699	1,886	1,932	2,145	2,148	2,150	2,149	2,204	2,200	2,408	2,588	2,693	2,649	2,926	31,777
Glomerulonephritis	2,975	2,927	3,001	3,075	3,317	3,309	3,392	3,613	3,643	3,792	3,766	3,920	3,951	4,077	48,758
Other cause	3,131	3,182	3,369	3,358	3,584	3,661	3,832	4,103	4,339	4,572	4,757	4,766	5,122	5,286	57,062
All	10,237	10,389	11,152	11,495	12,133	12,368	12,654	13,559	13,803	14,582	15,184	15,713	16,028	16,905	186,202

Age is calculated as of the day of transplant.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

Renal transplants, 1999-2003 (Table E.7.1-E.7.6)

on our website & CD

Table E.7 (continued)

Counts of renal transplants, by donor type: deceased donor

by age, gender, race, ethnicity, & primary diagnosis

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All	
<1	*	14	*	12	*	*	*	*	*	*	*	*	*	*	11	121
1-4	28	32	29	25	24	37	32	24	32	25	24	30	29	31	402	
5-9	64	44	67	60	57	69	62	65	57	44	56	67	65	56	833	
10-14	95	80	82	119	118	98	103	100	118	90	90	98	141	127	1,459	
15-19	185	191	189	271	226	178	142	162	226	191	183	174	209	219	2,746	
20-29	1,089	1,002	1,023	906	959	857	826	782	741	737	650	638	574	614	11,398	
30-39	1,915	1,907	1,941	1,941	1,983	1,819	1,741	1,840	1,733	1,694	1,666	1,676	1,506	1,641	25,003	
40-49	2,068	2,037	2,199	2,259	2,287	2,385	2,378	2,383	2,287	2,270	2,261	2,263	2,212	2,391	31,680	
50-59	1,455	1,499	1,653	1,764	1,787	1,870	2,032	2,187	2,192	2,270	2,383	2,519	2,552	2,769	28,932	
60-64	508	504	579	558	648	702	717	720	835	826	871	948	1,036	1,087	10,539	
65-69	253	275	302	336	372	406	416	525	520	585	593	641	742	798	6,764	
70-79	63	98	105	127	138	147	157	196	214	284	314	370	424	464	3,101	
80+	*	*	*	*	*	*	*	*	*	*	*	*	15	20	83	
0-19	381	361	375	487	429	390	347	359	443	356	363	374	452	444	5,561	
20-44	4,133	3,993	4,099	3,986	4,053	3,816	3,703	3,800	3,598	3,495	3,374	3,342	3,080	3,320	51,792	
45-64	2,902	2,956	3,296	3,442	3,611	3,817	3,991	4,112	4,190	4,302	4,457	4,702	4,800	5,182	55,760	
65-74	312	356	393	449	494	538	544	686	698	828	835	922	1,070	1,177	9,302	
75+	*	20	16	16	17	18	31	43	41	48	77	97	111	105	646	
Male	4,694	4,603	4,926	5,122	5,342	5,169	5,197	5,399	5,383	5,415	5,452	5,638	5,810	6,151	74,301	
Female	3,041	3,083	3,254	3,257	3,261	3,410	3,419	3,601	3,588	3,614	3,654	3,799	3,703	4,077	48,761	
White	5,642	5,501	5,913	5,743	5,976	5,864	5,873	6,179	6,100	6,048	6,001	6,182	6,044	6,371	83,437	
Black	1,742	1,788	1,876	2,189	2,228	2,249	2,270	2,307	2,325	2,450	2,564	2,677	2,783	2,896	32,344	
Native American	77	74	84	102	75	97	78	85	114	109	85	100	100	130	1,310	
Asian	261	314	292	338	314	354	381	408	406	397	418	447	500	577	5,407	
†Hispanic						787	833	1,005	992	1,043	1,141	1,249	1,273	1,416	10,522	
†Non-Hispanic						7,792	7,783	7,995	7,979	7,986	7,965	8,188	8,240	8,812	80,562	
Diabetes	1,871	1,853	2,240	2,263	2,384	2,438	2,478	2,654	2,632	2,629	2,719	2,898	2,922	3,142	35,123	
Hypertension	1,393	1,492	1,528	1,677	1,647	1,635	1,633	1,617	1,577	1,639	1,795	1,800	1,782	1,969	23,184	
Glomerulonephritis	2,201	2,102	2,107	2,113	2,211	2,142	2,111	2,236	2,220	2,239	2,104	2,201	2,140	2,328	30,455	
Other cause	2,270	2,239	2,305	2,327	2,363	2,364	2,394	2,493	2,542	2,522	2,488	2,538	2,669	2,789	34,303	
All	7,735	7,686	8,180	8,380	8,605	8,579	8,616	9,000	8,971	9,029	9,106	9,437	9,513	10,228	123,065	

Age is calculated as of the day of transplant.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

Table E.7 (continued)

Counts of renal transplants, by donor type: living related donor*by age, gender, race, ethnicity, & primary diagnosis*

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
<1	24	18	31	*	27	22	25	29	30	18	31	35	27	24	349
1-4	39	35	40	22	30	44	47	29	40	39	50	39	46	45	545
5-9	78	62	54	48	75	61	52	55	55	50	58	68	65	52	833
10-14	83	97	91	82	101	105	82	105	108	99	113	103	105	87	1,361
15-19	147	123	153	155	178	176	183	143	168	162	182	172	179	162	2,283
20-29	519	482	542	505	498	536	518	553	564	537	565	500	512	524	7,355
30-39	573	590	620	578	713	668	675	730	689	702	732	704	685	640	9,299
40-49	414	454	439	485	559	606	622	630	689	790	838	783	785	744	8,838
50-59	217	260	301	318	404	399	518	570	583	700	744	809	811	891	7,525
60-64	55	70	90	73	119	134	171	172	205	273	321	298	312	309	2,602
65-69	18	41	31	35	65	69	82	106	111	165	166	227	217	236	1,569
70-79	*	*	*	*	22	19	22	31	41	82	80	112	110	108	647
80+	.	*	*	.	.	.	.	.	*	*	*	.	*	*	12
0-19	371	335	369	315	411	408	389	361	401	368	434	417	422	370	5,371
20-44	1,327	1,319	1,404	1,346	1,513	1,497	1,519	1,606	1,599	1,624	1,688	1,598	1,609	1,519	21,168
45-64	451	537	588	613	780	846	985	1,049	1,131	1,378	1,512	1,496	1,496	1,589	14,451
65-74	21	43	39	42	84	86	103	130	150	235	232	321	307	319	2,112
75+	.	*	*	.	*	*	*	*	*	13	16	18	23	28	116
Male	1,242	1,260	1,412	1,319	1,560	1,610	1,697	1,731	1,889	2,008	2,200	2,200	2,178	2,198	24,504
Female	928	975	989	997	1,231	1,229	1,300	1,422	1,395	1,609	1,682	1,650	1,679	1,628	18,714
White	1,804	1,849	1,956	1,788	2,164	2,251	2,395	2,528	2,580	2,848	3,036	3,053	2,977	2,823	34,052
Black	282	306	365	411	489	476	460	484	537	566	617	603	650	645	6,891
Native American	28	21	20	32	34	28	37	22	34	30	53	31	31	33	434
Asian	51	57	58	80	93	75	91	100	111	140	137	145	143	132	1,413
†Hispanic						367	402	431	444	507	534	569	549	554	4,661
†Non-Hispanic						2,472	2,595	2,722	2,840	3,111	3,348	3,281	3,308	3,272	29,436
Diabetes	491	423	492	477	557	600	564	660	645	743	843	868	769	833	8,965
Hypertension	248	310	329	350	380	360	371	425	436	515	539	584	572	583	6,002
Glomerulonephritis	679	708	728	724	905	922	988	971	1,003	1,034	1,096	1,094	1,098	1,039	12,989
Other cause	752	794	852	765	949	957	1,074	1,097	1,200	1,326	1,404	1,304	1,418	1,371	15,263
All	2,170	2,235	2,401	2,316	2,791	2,839	2,997	3,153	3,284	3,618	3,882	3,850	3,857	3,826	43,219

Age is calculated as of the day of transplant.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

. " Zero values in this cell.

Table E.7 (continued)

Counts of renal transplants, by donor type: living distant/unrelated donor

by age, gender, race, ethnicity, & primary diagnosis

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
<1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	60
1-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	86
5-9	*	*	*	*	*	*	*	13	15	*	16	*	14	13	131
10-14	*	*	*	*	14	13	21	21	21	16	21	34	35	28	255
15-19	*	12	11	18	18	20	22	32	41	47	40	56	57	47	428
20-29	18	35	34	38	60	74	109	117	153	156	200	192	255	269	1,710
30-39	38	52	56	90	130	163	194	270	246	370	422	450	477	517	3,475
40-49	45	49	95	80	178	247	233	346	399	580	579	646	674	712	4,863
50-59	21	42	45	58	124	171	201	274	353	478	565	628	691	743	4,394
60-64	*	*	*	22	34	44	53	75	94	108	154	174	209	233	1,219
65-69	*	*	*	*	16	29	27	36	45	69	89	116	133	157	735
70-79	*	.	.	*	*	*	11	14	18	22	41	64	51	70	304
80+	.	.	.	.	.	.	.	.	*	*	*	*	.	*	12
0-19	23	30	36	37	48	49	61	72	91	83	93	112	120	105	960
20-44	86	115	136	166	270	361	416	570	585	815	903	951	1,052	1,127	7,553
45-64	42	72	98	122	256	338	374	512	660	877	1,017	1,139	1,254	1,347	8,108
65-74	*	*	*	*	18	35	34	48	61	88	122	168	173	215	982
75+	.	.	.	.	*	.	*	*	*	*	*	14	11	15	69
Male	90	142	169	201	379	473	567	746	852	1,161	1,306	1,454	1,568	1,727	10,835
Female	63	81	108	129	216	310	322	458	549	708	839	930	1,041	1,082	6,836
White	130	194	229	266	496	622	732	993	1,121	1,528	1,711	1,932	2,118	2,212	14,284
Black	22	22	33	47	71	124	116	145	203	224	300	321	334	377	2,339
Native American	*	*	*	*	*	*	*	13	20	14	22	22	24	18	169
Asian	.	*	11	13	15	27	25	46	48	80	103	93	99	102	667
†Hispanic						65	87	121	134	201	203	224	265	275	1,638
†Non-Hispanic						718	802	1,083	1,267	1,668	1,942	2,160	2,345	2,534	15,051
Diabetes	34	61	52	72	115	177	203	276	311	419	497	550	595	630	3,992
Hypertension	19	33	31	36	91	117	121	137	161	247	250	304	283	364	2,194
Glomerulonephritis	48	50	86	98	154	194	253	340	378	501	554	620	706	702	4,684
Other cause	52	79	108	124	235	295	312	451	551	702	844	910	1,026	1,113	6,802
All	153	223	277	330	595	783	889	1,204	1,401	1,869	2,145	2,384	2,610	2,809	17,672

Age is calculated as of the day of transplant.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

." Zero values in this cell.

Table E.8

Counts of renal transplants: by donor type & number of transplants

ALL	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
1st transplant	8,893	9,075	9,878	10,108	10,621	10,914	11,171	11,931	12,234	12,860	13,429	13,889	14,161	14,873	164,037
2nd transplant	1,160	1,110	1,111	1,206	1,309	1,227	1,274	1,386	1,338	1,486	1,490	1,563	1,604	1,725	18,989
3rd transplant	165	182	142	159	169	193	186	207	198	203	225	223	230	257	2,739
4+ transplants	19	22	21	22	34	34	23	35	33	33	40	38	33	50	437
DECEASED DONOR															
1st transplant	6,633	6,613	7,182	7,305	7,461	7,499	7,506	7,842	7,862	7,825	7,967	8,279	8,398	8,907	107,279
2nd transplant	949	897	870	935	975	909	943	980	938	1,033	966	987	943	1,109	13,434
3rd transplant	136	157	112	120	139	145	146	152	147	144	147	145	150	179	2,019
4+ transplants	17	19	16	20	30	26	21	26	24	27	26	26	22	33	333
LIVING RELATED															
1st transplant	2,010	2,074	2,224	2,130	2,551	2,607	2,762	2,896	3,012	3,312	3,531	3,496	3,476	3,459	39,540
2nd transplant	142	143	156	160	218	198	207	222	235	268	297	304	340	314	3,204
3rd transplant	17	15	17	25	19	31	26	29	30	35	46	47	35	42	414
4+ transplants	*	*	*	*	*	*	*	*	*	*	*	*	*	11	61
LIVING DISTANT/UNRELATED															
1st transplant	135	204	243	292	534	705	813	1,076	1,276	1,685	1,896	2,097	2,267	2,487	15,710
2nd transplant	17	19	28	35	58	69	71	112	111	161	212	249	299	281	1,722
3rd transplant	*	.	*	*	*	*	*	14	12	20	31	29	39	35	206
4+ transplants	.	.	.	*	.	.	.	*	*	*	*	*	*	*	34

Table E.9

Renal transplant rates, by donor type: all

by demographic characteristics, & primary diagnosis, per 100 dialysis patient years

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	48.2	50.9	56.0	33.3	41.6	43.6	48.2	50.8	51.5	36.9	48.3	50.3	48.3	41.3
1-4	60.8	54.0	63.9	39.8	43.0	56.9	57.3	44.8	58.9	46.7	61.5	54.2	62.2	59.8
5-9	60.2	52.9	56.6	46.0	50.0	52.4	51.3	49.0	49.4	42.2	43.8	48.1	49.4	39.5
10-14	41.3	41.9	39.0	48.6	45.8	42.0	40.7	46.1	51.3	38.7	40.0	37.8	44.7	40.9
15-19	29.5	28.1	30.9	35.4	34.9	29.9	25.8	24.6	30.3	28.1	30.4	28.2	30.1	27.3
20-29	22.2	19.6	20.3	18.1	17.7	16.6	16.2	15.8	15.4	14.9	14.4	13.5	13.6	14.1
30-39	15.8	14.8	14.3	13.8	13.7	12.6	11.9	12.8	11.6	11.7	11.7	11.5	10.8	11.2
40-49	11.6	10.6	10.5	10.1	9.6	9.5	9.0	8.8	8.4	8.5	8.3	8.2	7.9	7.9
50-59	6.2	6.0	6.1	6.0	6.0	5.8	6.0	6.1	5.8	5.9	5.9	5.9	5.8	5.9
60-64	2.9	2.9	3.1	2.9	3.2	3.3	3.3	3.2	3.5	3.6	3.8	3.8	4.0	4.1
65-69	1.2	1.3	1.3	1.3	1.5	1.5	1.6	1.9	1.9	2.2	2.1	2.5	2.7	2.7
70-79	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.7	0.8
80+	0.1	0.1	.	.	.	.	.	.	.	.	.	.	0.1	0.1
0-19	38.0	36.1	38.4	39.6	40.1	37.4	34.6	34.2	39.3	33.4	36.8	35.2	38.2	34.2
20-44	16.4	14.9	14.6	13.8	13.5	12.5	12.0	12.3	11.5	11.5	11.2	10.9	10.5	10.7
45-64	5.9	5.7	5.9	5.7	5.7	5.8	5.7	5.7	5.6	5.7	5.7	5.7	5.6	5.7
65-74	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.2	1.5	1.5	1.7	1.9	2.0
75+	.	0.1	0.1	.	0.1	.	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Male	7.8	7.0	7.0	6.7	6.6	6.1	5.8	5.8	5.5	5.5	5.4	5.3	5.2	5.3
Female	5.6	5.3	5.1	4.8	4.6	4.5	4.3	4.4	4.2	4.3	4.3	4.2	4.1	4.2
White	8.5	7.7	7.7	7.0	7.0	6.7	6.5	6.6	6.3	6.2	6.2	6.1	5.9	5.8
Black	3.8	3.6	3.4	3.7	3.5	3.4	3.1	3.0	3.0	3.0	3.1	3.0	3.1	3.1
Native American	5.9	4.5	4.5	5.2	4.1	4.1	3.7	3.3	4.2	3.5	3.5	3.2	3.2	3.6
Asian	8.0	8.3	6.8	7.0	5.8	5.7	5.6	5.7	5.3	5.3	5.3	5.1	5.2	5.4
†Hispanic						5.2	4.9	5.3	4.8	4.7	4.6	4.7	4.5	4.5
†Non-Hispanic						5.4	5.1	5.1	4.9	4.9	4.9	4.9	4.8	4.8
Diabetes	5.6	4.7	5.0	4.5	4.2	4.0	3.6	3.7	3.4	3.3	3.3	3.3	3.1	3.2
Hypertension	3.7	3.7	3.4	3.5	3.3	3.1	3.0	2.9	2.8	2.9	3.0	3.0	2.8	3.0
Glomerulonephritis	11.1	10.3	10.0	9.6	9.9	9.3	9.2	9.4	9.2	9.3	9.1	9.4	9.3	9.6
Other cause	8.6	8.4	8.5	8.1	8.2	7.8	7.8	7.9	7.9	7.9	7.9	7.5	7.8	7.7
All	6.7	6.2	6.1	5.7	5.6	5.3	5.1	5.1	4.9	4.9	4.9	4.8	4.7	4.8

The maximum transplant number was 7. 2,246 transplant events (1.2%) were dropped from the donor type-specific tables above due to unknown donor type.

Age is determined as of January 1 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

*Values for cells with ten or fewer patients are suppressed.

. " Zero values in this cell.

Table E.9 (continued)

Renal transplant rates, by donor type: deceased donor

by demographic characteristics, & primary diagnosis, per 100 dialysis patient years

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	16.4	20.2	11.0	15.0	10.0	13.9	12.1	11.5	13.1	9.0	10.3	7.4	12.5	10.3
1-4	21.8	24.9	26.8	17.5	17.6	26.2	20.5	20.1	22.6	16.8	17.2	24.1	24.9	21.6
5-9	25.9	21.2	29.1	23.7	20.7	23.6	25.5	22.9	22.2	18.1	18.4	20.6	22.8	19.6
10-14	20.7	18.9	15.8	27.0	22.5	20.1	20.2	20.4	24.3	16.8	15.8	17.0	22.1	21.1
15-19	15.3	16.0	16.5	20.1	18.5	13.6	9.7	11.9	14.9	13.2	13.5	11.5	13.3	13.4
20-29	14.8	12.8	12.7	10.8	11.0	9.5	9.3	8.4	8.0	7.7	6.7	6.7	6.0	6.3
30-39	11.9	10.9	10.4	9.9	9.6	8.6	7.9	8.2	7.5	7.1	7.0	6.8	6.1	6.6
40-49	9.3	8.3	8.3	7.8	7.2	6.9	6.6	6.2	5.6	5.4	5.1	5.0	4.7	4.9
50-59	5.2	4.9	4.9	4.8	4.6	4.4	4.4	4.4	4.0	3.8	3.8	3.8	3.6	3.7
60-64	2.6	2.5	2.6	2.4	2.5	2.6	2.4	2.4	2.6	2.5	2.4	2.6	2.7	2.7
65-69	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.5	1.4	1.5	1.5	1.6	1.8	1.9
70-79	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.6
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	18.1	17.9	17.9	21.6	19.3	17.0	14.4	15.4	18.1	14.5	14.7	14.4	17.1	16.1
20-44	12.1	10.8	10.3	9.6	9.3	8.3	7.8	7.7	7.1	6.7	6.3	6.2	5.7	6.0
45-64	4.9	4.6	4.8	4.6	4.4	4.4	4.2	4.1	3.9	3.7	3.7	3.6	3.5	3.7
65-74	0.8	0.7	0.8	0.8	0.8	0.8	0.8	1.0	0.9	1.1	1.1	1.1	1.3	1.4
75+	.	0.1	0.1	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Male	6.0	5.3	5.2	4.9	4.8	4.3	4.0	3.9	3.6	3.4	3.3	3.2	3.2	3.2
Female	4.2	3.8	3.7	3.4	3.1	3.1	2.9	2.9	2.7	2.6	2.5	2.5	2.4	2.5
White	6.2	5.5	5.5	5.0	4.8	4.4	4.2	4.1	3.9	3.6	3.4	3.4	3.2	3.2
Black	3.2	2.9	2.8	3.0	2.8	2.6	2.5	2.3	2.2	2.2	2.2	2.3	2.3	2.3
Native American	4.1	3.4	3.5	3.8	2.5	3.0	2.3	2.3	2.8	2.5	1.9	2.1	2.1	2.6
Asian	6.6	6.8	5.3	5.2	4.3	4.3	4.3	4.2	3.8	3.4	3.3	3.3	3.5	3.8
†Hispanic						3.3	3.1	3.3	3.0	2.8	2.8	2.9	2.7	2.8
†Non-Hispanic						3.7	3.5	3.4	3.2	3.1	2.9	2.9	2.8	2.9
Diabetes	4.3	3.7	3.9	3.5	3.3	3.0	2.7	2.7	2.4	2.3	2.2	2.2	2.1	2.2
Hypertension	3.1	2.9	2.7	2.7	2.5	2.4	2.3	2.2	2.0	2.0	2.1	2.0	1.9	2.0
Glomerulonephritis	8.2	7.4	7.0	6.6	6.6	6.0	5.7	5.8	5.6	5.5	5.1	5.3	5.1	5.5
Other cause	6.3	5.9	5.8	5.6	5.4	5.1	4.9	4.8	4.6	4.3	4.1	4.0	4.1	4.0
All	5.1	4.6	4.5	4.2	4.0	3.7	3.5	3.4	3.2	3.0	2.9	2.9	2.8	2.9

Age is determined as of January 1 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

“.” Zero values in this cell.

Table E.9 (continued)

Renal transplant rates, by donor type: living related donor

by demographic characteristics, & primary diagnosis, per 100 dialysis patient years

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	29.7	27.6	37.7	10.8	28.9	25.8	31.1	36.4	30.9	23.8	31.7	38.8	30.8	24.1
1-4	33.6	26.6	27.6	16.7	21.9	27.5	30.7	20.9	29.0	24.5	36.0	24.8	31.9	32.4
5-9	31.5	28.7	23.0	17.5	25.5	25.1	21.6	20.8	21.8	19.5	18.8	22.8	21.1	15.9
10-14	17.6	18.7	18.1	17.0	20.3	18.3	15.8	20.4	21.4	18.4	20.2	15.7	17.2	14.5
15-19	12.8	10.6	12.6	12.5	14.0	13.8	13.6	9.8	11.9	11.6	13.6	12.4	12.3	10.7
20-29	6.8	5.9	6.6	5.9	5.7	5.9	5.5	5.8	5.7	5.4	5.6	4.9	5.1	5.1
30-39	3.4	3.3	3.2	2.8	3.3	3.1	3.0	3.2	2.9	2.9	3.0	2.8	2.7	2.5
40-49	1.9	1.9	1.6	1.7	1.7	1.7	1.7	1.6	1.7	1.8	1.9	1.7	1.7	1.5
50-59	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
60-64	0.3	0.4	0.4	0.3	0.5	0.5	0.6	0.6	0.6	0.8	0.9	0.8	0.8	0.8
65-69	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.6	0.6	0.5
70-79	.	.	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	17.8	15.9	16.9	14.2	18.1	17.4	16.6	15.0	16.8	15.3	17.9	16.2	16.2	13.9
20-44	3.8	3.5	3.5	3.2	3.4	3.2	3.1	3.2	3.1	3.1	3.1	2.9	2.9	2.7
45-64	0.8	0.9	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.1	1.1
65-74	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4
75+	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Male	1.6	1.5	1.5	1.3	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2
Female	1.3	1.2	1.1	1.0	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0
White	2.0	1.9	1.8	1.5	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.4
Black	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Native American	1.5	1.0	0.8	1.2	1.2	0.9	1.1	0.6	0.8	0.7	1.2	0.7	0.6	0.7
Asian	1.3	1.2	1.1	1.2	1.3	0.9	1.0	1.0	1.0	1.2	1.1	1.1	1.0	0.9
†Hispanic						1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.2	1.1
†Non-Hispanic						1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.1
Diabetes	1.1	0.8	0.9	0.7	0.8	0.7	0.6	0.7	0.6	0.6	0.7	0.7	0.6	0.6
Hypertension	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.6	0.6
Glomerulonephritis	2.5	2.5	2.4	2.3	2.7	2.6	2.7	2.5	2.5	2.6	2.7	2.6	2.6	2.4
Other cause	2.1	2.1	2.2	1.8	2.2	2.1	2.2	2.1	2.2	2.3	2.3	2.1	2.2	2.0
All	1.4	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.1

Age is determined as of January 1 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

. " Zero values in this cell.

Table E.9 (continued)

Renal transplant rates, by donor type: living distant/unrelated donor

by demographic characteristics, & primary diagnosis, per 100 dialysis patient years

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
<1	1.0	2.1	4.6	4.2	2.7	4.0	4.0	1.9	6.6	4.1	6.3	4.1	5.0	6.9
1-4	3.6	2.6	6.9	3.2	3.5	3.2	4.8	3.1	7.3	3.8	7.5	5.3	5.4	5.8
5-9	1.2	1.8	1.6	1.5	2.8	2.6	3.1	4.3	5.0	4.3	5.6	4.4	5.5	3.7
10-14	1.6	2.2	1.7	1.6	2.4	2.7	4.0	4.4	4.3	3.4	3.4	5.0	5.4	5.0
15-19	0.6	0.9	0.8	1.5	1.6	1.5	1.9	2.1	2.9	2.9	3.0	4.2	4.5	3.0
20-29	0.3	0.5	0.4	0.5	0.7	0.8	1.1	1.3	1.6	1.7	2.1	1.9	2.6	2.7
30-39	0.2	0.3	0.3	0.4	0.6	0.8	0.9	1.2	1.1	1.6	1.8	1.9	1.9	2.1
40-49	0.2	0.2	0.4	0.3	0.6	0.7	0.7	0.9	1.0	1.3	1.3	1.4	1.4	1.5
50-59	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.8	0.9	0.9	1.0	1.0
60-64	.	.	.	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.5	0.6
65-69	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3
70-79	.	.	.	.	.	.	.	.	.	.	0.1	0.1	0.1	0.1
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	1.0	1.4	1.6	1.7	2.1	2.1	2.7	2.9	3.8	3.3	3.8	4.4	4.9	3.9
20-44	0.3	0.3	0.4	0.4	0.6	0.8	0.9	1.2	1.2	1.6	1.7	1.8	1.9	2.0
45-64	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.8	0.8	0.9	0.9	1.0
65-74	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
75+	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Male	0.1	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.8	0.9	0.9
Female	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.7
White	0.1	0.2	0.2	0.2	0.4	0.5	0.5	0.7	0.7	0.9	1.0	1.1	1.1	1.1
Black	.	.	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Native American	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.4	0.5	0.3	0.5	0.5	0.5	0.4
Asian	.	0.1	0.2	0.2	0.2	0.3	0.3	0.5	0.5	0.7	0.8	0.7	0.7	0.7
†Hispanic						0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.6
†Non-Hispanic						0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8	0.8
Diabetes	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Hypertension	.	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
Glomerulonephritis	0.2	0.2	0.3	0.3	0.5	0.6	0.7	0.9	1.0	1.2	1.3	1.5	1.7	1.6
Other cause	0.1	0.2	0.3	0.3	0.5	0.6	0.6	0.9	1.0	1.2	1.4	1.4	1.6	1.6
All	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8

Table E.10

Treatment status two years after first transplant, 2000-2002*

ALL	Count	Treatment status two years after first transplant (percent of patients)					
		Functioning		Hemo	CAPD & Oth/unk		Death
		Graft	Retransplanted		CCPD	dialysis	
Age at first transplant							
0-19	2,368	88.3	2.0	4.0	1.6	1.9	2.1
20-44	14,931	88.3	1.2	4.6	0.8	1.2	3.9
45-64	17,864	85.7	0.8	3.6	0.4	0.6	8.8
65-74	3,145	79.7	0.6	3.7	0.5	0.3	15.2
75+	214	69.6	0.5	3.7	.	.	26.2
All	38,523	86.3	1.0	4.0	0.6	0.9	7.1

Age is determined as of January 1 of each calendar year.

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

“.” Zero values in this cell.

Table E.11

Percent panel reactive antibodies (PRA) for selected years[^]*by donor type; percent of transplant events within year*

DECEASED DONOR		1996	1997	1998	1999	2000	2001	2002	2003	2004	All
Peak PRA											
<20%		78.9	78.7	80.4	79.0	79.2	80.9	80.2	79.5	72.7	78.8
20-39%		7.1	7.2	6.2	6.0	5.7	5.0	5.1	5.1	6.5	6.0
40-59%		4.1	3.8	3.5	3.6	3.6	3.3	3.7	3.4	3.8	3.6
60%+		9.2	9.7	9.2	10.5	10.9	10.4	10.4	11.3	13.2	10.6
Missing		0.7	0.5	0.7	0.9	0.6	0.4	0.6	0.7	3.9	1.1
Most recent PRA											
<20%		89.1	89.3	90.1	88.6	88.5	88.6	88.0	86.6	83.8	88.0
20-39%		3.8	3.7	3.4	3.5	3.4	3.3	3.2	3.7	4.3	3.6
40-59%		2.1	2.5	2.1	2.5	2.5	2.4	2.4	2.6	3.2	2.5
60%+		4.4	4.1	4.0	4.5	4.8	5.1	5.6	6.2	7.7	5.2
Missing		0.6	0.3	0.4	0.9	0.7	0.6	0.8	1.0	1.0	0.7
LIVING DONOR											
Peak PRA											
<20%		85.5	85.7	85.1	85.5	87.8	87.7	87.0	86.1	66.3	83.6
20-39%		4.8	4.9	4.8	4.3	3.5	4.2	4.7	3.7	4.0	4.3
40-59%		2.4	2.2	2.1	2.1	2.0	2.1	2.2	2.3	3.1	2.3
60%+		3.7	3.8	3.3	3.4	4.1	4.1	4.3	5.5	5.5	4.3
Missing		3.6	3.4	4.6	4.7	2.5	1.9	1.8	2.4	21.2	5.5
Most recent PRA											
<20%		90.8	91.6	90.5	90.0	91.7	91.7	91.3	90.4	87.9	90.6
20-39%		2.9	2.9	2.9	2.4	2.1	2.8	2.8	2.3	3.1	2.7
40-59%		1.3	1.1	1.5	1.2	1.5	1.3	1.4	1.8	2.4	1.6
60%+		1.7	1.7	1.7	1.8	2.0	1.9	2.2	3.1	3.8	2.3
Missing		3.3	2.7	3.4	4.6	2.7	2.2	2.2	2.3	2.9	2.9

Table E.12

Cytomegalovirus (CMV) antibody status for selected years[^]*by recipient & donor CMV status, percent of transplant events within year*

DECEASED DONOR		1996	1997	1998	1999	2000	2001	2002	2003	2004	All
Recipient CMV	Donor CMV										
	Positive	35.0	35.7	36.5	36.3	37.1	36.9	36.7	39.0	38.7	36.9
	Negative	21.6	21.2	21.2	20.8	21.3	22.1	24.3	23.1	21.8	21.9
	Unknown	0.8	1.2	1.2	0.6	0.2	0.1	0.2	0.1	.	0.5
Negative	Positive	19.3	18.1	18.6	19.0	17.8	18.6	18.4	18.7	18.2	18.5
	Negative	14.1	14.4	13.6	13.2	13.8	14.3	13.7	13.0	11.8	13.5
	Unknown	0.6	0.6	0.7	0.3	0.1	.	0.1	.	.	0.3
Unknown	Positive	4.9	5.3	4.9	6.3	6.0	5.2	4.1	3.8	6.0	5.2
	Negative	3.4	3.3	3.0	3.4	3.6	2.8	2.5	2.3	3.4	3.1
	Unknown	0.2	0.3	0.3	.	0.1	.	.	.	.	0.1
LIVING DONOR											
Positive	Positive	28.7	31.6	29.2	29.5	29.3	33.4	33.3	34.0	31.4	31.4
	Negative	16.0	16.2	17.5	16.6	16.4	17.2	18.3	17.7	18.1	17.2
	Unknown	3.4	3.4	4.7	4.1	5.2	4.0	4.0	4.1	5.5	4.4
Negative	Positive	13.8	15.1	14.9	14.0	14.6	15.3	14.6	15.1	13.6	14.6
	Negative	24.9	22.8	22.7	21.8	21.5	21.2	22.2	22.2	20.2	22.0
	Unknown	3.2	2.2	3.3	3.9	3.2	3.1	3.0	2.3	3.1	3.0
Unknown	Positive	3.5	2.9	2.8	3.2	3.0	1.9	1.6	1.7	1.6	2.3
	Negative	3.5	2.9	2.7	3.3	2.8	1.6	1.4	1.2	2.0	2.2

*One patient with unknown age is not included in the age-specific rows.

In E.10, age is calculated as of the day of transplant.

[^]694 transplant events were excluded from the table due to unknown donor type.

“. “ Zero values in this cell.

Table E.13

Hepatitis C (HCVAb) antibody status for selected years[^]

by recipient & donor HCVAb status; percent of transplant events within year

DECEASED DONOR		1996	1997	1998	1999	2000	2001	2002	2003	2004	All
Recipient HCVAb	Donor HCVAb										
Positive	Positive	1.4	1.3	1.4	1.5	1.5	1.5	1.7	1.9	1.9	1.6
	Negative	4.8	4.8	4.6	4.7	4.7	4.8	4.8	4.7	4.7	4.7
	Unknown	.	0.1	0.1	0.1	.	.	.	.	.	.
Negative	Positive	0.5	0.6	0.6	0.5	0.6	0.3	0.5	0.2	0.3	0.4
	Negative	81.8	81.6	82.4	79.8	81.7	84.7	84.0	84.5	79.5	82.2
	Unknown	1.5	1.1	1.1	1.0	0.3	0.2	0.3	0.3	0.2	0.7
Unknown	Positive	0.2	0.1	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.2
	Negative	9.5	10.3	9.5	12.0	10.9	8.0	8.6	7.9	13.1	10.0
	Unknown	0.3	0.2	0.1	0.1	0.1	.	.	.	.	0.1
LIVING DONOR											
Positive	Positive	0.1	0.1	0.2	0.1	0.1	0.1	0.1	.	0.1	0.1
	Negative	2.9	3.1	2.9	2.7	2.7	2.9	2.6	2.8	2.5	2.8
	Unknown	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2
Negative	Positive	0.4	0.5	0.5	0.3	0.4	0.5	0.5	0.6	0.6	0.5
	Negative	82.0	83.4	83.3	80.9	80.6	85.1	85.7	85.8	78.1	82.8
	Unknown	4.7	3.3	4.4	5.1	6.5	5.4	4.7	4.3	7.1	5.2
Unknown	Positive	0.1	0.1	.	.	0.1	.	.	.	.	.
	Negative	6.4	6.0	5.7	6.7	6.0	3.2	2.9	2.0	3.8	4.5
	Unknown	3.3	3.4	2.7	3.7	3.4	2.4	3.2	4.3	7.6	3.9

Table E.14

Cold ischemia time (hours): deceased donor transplants, for selected years

COUNTS	1996	1997	1998	1999	2000	2001	2002	2003	2004	All
0-12	1,513	1,643	1,741	1,750	1,818	1,954	2,231	2,456	2,561	17,667
13-24	4,427	4,539	4,473	4,228	4,127	4,020	4,341	4,203	4,666	39,024
25-36	2,000	1,817	1,864	1,618	1,468	1,374	1,289	1,264	1,316	14,010
37+	333	258	275	225	205	206	201	178	164	2,045
Unknown	306	359	647	1,150	1,411	1,552	1,375	1,412	1,521	9,733
PERCENTAGES										
0-12	17.6	19.1	19.3	19.5	20.1	21.5	23.6	25.8	25.0	21.4
13-24	51.6	52.7	49.7	47.1	45.7	44.1	46.0	44.2	45.6	47.3
25-36	23.3	21.1	20.7	18.0	16.3	15.1	13.7	13.3	12.9	17.0
37+	3.9	3.0	3.1	2.5	2.3	2.3	2.1	1.9	1.6	2.5
Unknown	3.6	4.2	7.2	12.8	15.6	17.0	14.6	14.8	14.9	11.8

[^]694 transplant events were excluded from the table due to unknown donor type.
 ". " Zero values in this cell.