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transplantation: process



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Table F.1
Renal Transplants by Reporting Source

	USRDS				UNOS					Annual facility survey				
	Cadaver	Living donor	Unk.	All	Cadaver	Living related	Living distant/unrelated	Living unknown	All	Cadaver	Living donor	Living related	Living unrelated	All
1978	2,077	973	172	3,222	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1979	2,347	929	287	3,563	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1980	2,608	913	285	3,806	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1981	2,891	1,140	230	4,261	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1982	3,424	1,562	169	5,155	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1983	3,997	1,728	214	5,939	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1984	4,646	1,947	220	6,813	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1985	4,973	2,336	246	7,555	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1986	5,775	2,890	268	8,933	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1987	6,063	2,739	239	9,041	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1988	7,359	1,896	219	9,474	7,232	1,632	98	82	9,044	7,115	1,817	1,761	56	8,932
1989	7,164	1,963	226	9,353	7,088	1,705	114	84	8,991	7,006	1,893	1,823	70	8,899
1990	7,869	2,150	233	10,252	7,781	1,744	132	218	9,875	7,705	2,091	2,001	90	9,796
1991	7,787	2,451	182	10,420	7,733	2,193	153	47	10,126	7,644	2,382	2,296	86	10,026
1992	7,687	2,585	244	10,516	7,695	2,243	223	69	10,230	7,579	2,536	2,391	145	10,115
1993	8,113	2,975	257	11,345	8,170	2,399	275	177	11,021	8,106	2,828	2,631	197	10,934
1994	8,323	2,995	173	11,491	8,384	2,268	324	417	11,393	8,312	3,000	2,738	262	11,312
1995	8,518	3,343	229	12,090	8,604	2,732	564	81	11,981	8,486	3,416	2,992	424	11,902
1996	8,515	3,632	185	12,332	8,572	2,714	706	229	12,221	8,495	3,703	3,084	619	12,198
1997	8,546	3,885	206	12,637	8,615	2,873	771	270	12,529	8,512	3,915	3,210	705	12,427
1998	8,897	4,296	288	13,481	8,983	2,927	1,002	431	13,343	8,752	4,520	3,453	1,067	13,272
1999	8,744	4,374	487	13,605	8,951	2,934	1,181	423	13,489	8,839	4,644	3,583	1,061	13,483
2000	8,564	4,893	970	14,427	8,984	3,056	1,542	705	14,287	8,884	5,427	4,052	1,375	14,311

Table F.2
Renal Transplants: Recipients Aged <20

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

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	All
Male	528	512	462	495	540	535	555	479	460	535	462	5,563
Female	362	345	318	368	355	371	320	338	344	400	349	3,870
Unknown	.	.	*	*	.	.	.	.	.	.	.	*
White	667	638	574	647	598	608	608	575	561	674	570	6,720
Black	160	157	141	151	237	230	198	163	169	191	165	1,962
Native American	10	20	13	11	16	11	10	12	11	12	*	133
Asian	31	29	29	33	27	35	32	36	29	24	30	335
Other/unknown	22	13	24	23	17	22	27	31	34	34	39	286
†Hispanic						135	135	114	104	109	34	631
†Non-Hispanic						771	740	703	700	826	777	4,517
Cadaver	480	399	363	380	486	422	379	341	345	423	318	4,336
Living	367	432	380	459	387	446	461	436	422	452	385	4,627
Unknown	43	26	38	26	22	38	35	40	37	60	108	473
1st transplant	743	721	667	763	754	779	762	727	699	823	719	8,157
2nd transplant	125	117	93	88	119	107	93	73	90	88	80	1,073
3rd transplant	19	15	19	12	20	15	15	15	14	23	11	178
4th transplant	*	*	*	*	*	*	*	*	*	*	*	24
5th transplant	.	.	*	*	*	.	.	*	.	.	.	*
Cadaver first transplant	360	300	282	312	376	330	303	288	268	344	259	3,422
transplant 2+	120	99	81	68	110	92	76	53	77	79	59	914
Living first transplant	347	398	351	431	361	413	429	404	399	425	358	4,316
transplant 2+	20	34	29	28	26	33	32	32	23	27	27	311
Unknown first transplant	36	23	34	20	17	36	30	35	32	54	102	419
transplant 2+	*	*	*	*	*	*	*	*	*	*	*	54
All	890	857	781	865	895	906	875	817	804	935	811	9,436

Age is calculated as of the day of transplantation.

USRDS counts include non-Medicare patients.

\$Data not collected prior to 1988.

†CMS has only started collecting Hispanic ethnicity data since April, 1995, so Hispanic data in years prior to 1995 has been left blank.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.3

Renal Transplants: by Donor Type

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

ALL	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	All
0-17	703	676	616	705	683	730	725	692	670	752	634	7,586
18-29	1,919	1,883	1,744	1,843	1,757	1,712	1,636	1,602	1,601	1,627	1,588	18,912
30-44	3,957	4,019	4,028	4,190	4,230	4,359	4,236	4,230	4,561	4,292	4,491	46,593
45-59	2,853	2,906	3,071	3,436	3,624	3,872	4,155	4,441	4,752	4,838	5,300	43,248
60+	818	935	1,057	1,170	1,197	1,417	1,579	1,670	1,893	2,092	2,413	16,241
Unknown	*	*	.	*	.	.	*	*	*	*	*	16
Male	6,117	6,250	6,196	6,782	6,925	7,346	7,336	7,554	7,965	8,097	8,546	79,114
Female	4,134	4,167	4,316	4,556	4,566	4,744	4,996	5,083	5,516	5,508	5,881	53,467
Unknown	*	*	*	*	.	.	.	.	.	.	.	15
White	7,487	7,644	7,606	8,266	7,880	8,394	8,502	8,778	9,467	9,467	10,072	93,563
Black	2,124	2,165	2,247	2,403	2,883	2,989	3,024	2,954	3,031	3,100	3,229	30,149
Native American	121	136	138	136	154	152	160	153	148	180	175	1,653
Asian	377	371	417	405	485	451	487	537	581	579	628	5,318
Other/unknown	143	104	108	135	89	104	159	215	254	279	323	1,913
†Hispanic						1,331	1,215	1,248	1,418	1,270	500	6,982
†Non-Hispanic						10,759	11,117	11,389	12,063	12,335	13,927	71,590
1st transplant	8,895	9,086	9,222	10,084	10,135	10,631	10,931	11,209	11,935	12,108	12,780	117,016
2nd transplant	1,153	1,150	1,094	1,096	1,179	1,259	1,183	1,226	1,321	1,273	1,420	13,354
3rd transplant	176	163	179	144	152	167	187	177	192	192	199	1,928
4th transplant	25	20	20	17	19	27	27	20	30	28	26	259
5th transplant	*	*	*	*	*	*	*	*	*	*	*	37
6th transplant	*	.	.	.	.	.	.	.	.	.	.	*
7th transplant	.	.	.	.	*	.	.	.	.	.	.	*
All	10,252	10,420	10,516	11,345	11,491	12,090	12,332	12,637	13,481	13,605	14,427	132,596
CADAVERIC DONOR	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	All
0-17	365	294	271	297	365	322	321	300	281	338	252	3,406
18-29	1,275	1,210	1,091	1,096	1,024	1,051	904	854	841	805	772	10,923
30-44	3,060	3,054	2,988	3,027	3,043	3,056	2,935	2,855	2,977	2,782	2,627	32,404
45-59	2,440	2,399	2,455	2,705	2,867	2,946	3,096	3,255	3,353	3,282	3,288	32,086
60+	728	829	882	987	1,024	1,143	1,259	1,280	1,443	1,535	1,625	12,735
Unknown	*	*	.	*	.	.	.	*	*	*	.	*
Male	4,784	4,732	4,598	4,897	5,090	5,303	5,131	5,158	5,358	5,256	5,165	55,472
Female	3,085	3,053	3,089	3,216	3,233	3,215	3,384	3,388	3,539	3,488	3,399	36,089
Unknown	.	*	.	.	.	.	.	.	.	.	.	*
White	5,547	5,532	5,385	5,743	5,528	5,710	5,629	5,634	5,902	5,746	5,565	61,921
Black	1,825	1,786	1,812	1,900	2,275	2,333	2,323	2,312	2,338	2,310	2,333	23,547
Native American	88	99	102	98	110	101	111	101	109	121	127	1,167
Asian	316	307	332	307	359	330	376	405	423	416	394	3,965
Other/unknown	93	63	56	65	51	44	76	94	125	151	145	963
†Hispanic						926	810	808	944	891	408	4,787
†Non-Hispanic						7,592	7,705	7,738	7,953	7,853	8,156	46,997
1st transplant	6,710	6,690	6,625	7,129	7,257	7,393	7,456	7,471	7,773	7,674	7,427	79,605
2nd transplant	984	942	891	855	926	956	892	913	948	904	976	10,187
3rd transplant	151	136	153	113	117	139	141	139	149	143	138	1,519
4th transplant	21	18	17	14	19	24	22	19	24	19	21	218
5th transplant	*	*	*	*	*	*	*	*	*	*	*	33
6th transplant	*	.	.	.	.	.	.	.	.	.	.	*
7th transplant	.	.	.	.	.	.	.	.	.	.	.	.
All	7,869	7,787	7,687	8,113	8,323	8,518	8,515	8,546	8,897	8,744	8,564	91,563

Age is calculated as of the day of transplantation.

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, so Hispanic data in years prior to 1995 has been left blank.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.3 (continued)

Renal Transplants: by Donor Type

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

LIVING DONOR	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	All
0-17	300	357	312	387	297	376	374	353	360	363	295	3,774
18-29	609	633	608	693	709	625	698	713	714	757	698	7,457
30-44	808	917	968	1,055	1,105	1,215	1,243	1,315	1,491	1,349	1,556	13,022
45-59	366	457	555	672	722	872	1,013	1,135	1,301	1,408	1,679	10,180
60+	66	87	142	168	162	255	304	369	428	495	665	3,141
Unknown	*	.	.	.	.	.	.	.	*	*	.	*
Male	1,213	1,411	1,464	1,745	1,725	1,912	2,097	2,270	2,450	2,566	2,829	21,682
Female	936	1,040	1,121	1,230	1,270	1,431	1,535	1,615	1,846	1,808	2,064	15,896
Unknown	*	.	.	.	.	.	.	.	.	.	.	*
White	1,790	1,996	2,075	2,355	2,240	2,543	2,743	2,999	3,386	3,390	3,813	29,330
Black	250	337	372	457	566	604	665	607	629	693	729	5,909
Native American	32	34	33	35	43	50	49	51	38	58	40	463
Asian	49	60	78	89	119	114	104	124	138	145	186	1,206
Other/unknown	29	24	27	39	27	32	71	104	105	88	125	671
†Hispanic						405	405	440	474	379	92	2,195
†Non-Hispanic						2,938	3,227	3,445	3,822	3,995	4,801	22,228
1st transplant	2,002	2,259	2,401	2,746	2,743	3,057	3,328	3,576	3,927	3,999	4,467	34,505
2nd transplant	130	169	164	201	221	260	261	275	325	326	373	2,705
3rd transplant	15	21	17	24	29	23	40	32	38	40	49	328
4th transplant	*	*	*	*	.	*	*	*	*	*	*	36
5th transplant	.	.	.	*	*	.	.	*	.	.	.	*
6th transplant	.	.	.	.	.	.	.	.	.	.	.	.
7th transplant	.	.	.	.	*	.	.	.	.	.	.	*
All	2,150	2,451	2,585	2,975	2,995	3,343	3,632	3,885	4,296	4,374	4,893	37,579
OTHER/UNK. DONOR TYPE	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	All
0-17	38	25	33	21	21	32	30	39	29	51	87	406
18-29	35	40	45	54	24	36	34	35	46	65	118	532
30-44	89	48	72	108	82	88	58	60	93	161	308	1,167
45-59	47	50	61	59	35	54	46	51	98	148	333	982
60+	24	19	33	15	11	19	16	21	22	62	123	365
Unknown	.	.	.	.	.	.	*	.	.	.	*	*
Male	120	107	134	140	110	131	108	126	157	275	552	1,960
Female	113	74	106	110	63	98	77	80	131	212	418	1,482
Unknown	.	*	*	*	.	.	.	.	.	.	.	12
White	150	116	146	168	112	141	130	145	179	331	694	2,312
Black	49	42	63	46	42	52	36	35	64	97	167	693
Native American	*	*	*	*	*	*	.	*	*	*	*	23
Asian	12	*	*	*	*	*	*	*	20	18	48	147
Other/unknown	21	17	25	31	11	28	12	17	24	40	53	279
†Hispanic						.	.	.	.	.	.	.
†Non-Hispanic						229	185	206	288	487	970	2,365
1st transplant	183	137	196	209	135	181	147	162	235	435	886	2,906
2nd transplant	39	39	39	40	32	43	30	38	48	43	71	462
3rd transplant	10	*	*	*	*	*	*	*	*	*	12	81
4th transplant	*	.	.	*	.	.	*	.	.	.	*	*
5th transplant	.	.	.	.	.	.	.	.	.	.	.	.
6th transplant	.	.	.	.	.	.	.	.	.	.	.	.
7th transplant	.	.	.	.	.	.	.	.	.	.	.	.
All	233	182	244	257	173	229	185	206	288	487	970	3,454

Age is calculated as of the day of transplantation.

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, so Hispanic data in years prior to 1995 has been left blank.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.4

Functioning Grafts at Year End

all donors since 1979; by age of graft (years)

TOTAL PATIENTS	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
0-<1	8,018	8,455	8,529	9,178	9,467	9,576	10,105	10,401	10,933	9,714	10,954
1-<2	6,595	7,332	7,855	7,943	8,442	8,479	8,951	9,469	9,784	10,333	9,123
2-<3	5,812	6,145	6,854	7,375	7,401	7,713	7,947	8,434	8,914	9,215	9,776
3-<4	5,274	5,381	5,729	6,379	6,840	6,796	7,140	7,392	7,857	8,334	8,583
4-<5	4,857	4,854	4,953	5,295	5,904	6,279	6,260	6,653	6,838	7,314	7,691
5-<6	3,648	4,470	4,506	4,582	4,921	5,424	5,772	5,748	6,133	6,305	6,750
6-<7	2,931	3,362	4,118	4,183	4,220	4,522	4,957	5,306	5,219	5,637	5,792
7-<8	2,287	2,707	3,092	3,785	3,778	3,838	4,163	4,555	4,862	4,775	5,153
8-<9	1,835	2,134	2,502	2,835	3,482	3,476	3,489	3,773	4,165	4,424	4,308
9-<10	1,403	1,715	1,994	2,275	2,566	3,171	3,160	3,188	3,426	3,789	4,008
10-<11	1,118	1,302	1,598	1,855	2,060	2,335	2,892	2,890	2,875	3,155	3,449
11-<12	931	1,045	1,228	1,497	1,707	1,875	2,112	2,620	2,604	2,571	2,858
12-<13	.	881	965	1,153	1,387	1,571	1,717	1,935	2,391	2,351	2,320
13-<14	.	.	829	901	1,088	1,289	1,468	1,604	1,779	2,183	2,130
14-<15	.	.	.	771	855	997	1,212	1,357	1,476	1,629	1,973
15-<16	.	.	.	.	720	798	946	1,147	1,261	1,350	1,475
16-<17	.	.	.	.	.	682	760	895	1,076	1,169	1,238
17-<18	.	.	.	.	.	.	635	719	844	1,008	1,093
18-<19	.	.	.	.	.	.	.	603	681	782	932
19-<20	.	.	.	.	.	.	.	.	564	637	730
20-<21	.	.	.	.	.	.	.	.	.	526	598
21-<22	.	.	.	.	.	.	.	.	.	.	504
All	44,709	49,783	54,752	60,007	64,838	68,821	73,686	78,689	83,682	87,201	91,438
PERCENT DISTRIBUTION											
0-<1	17.93	16.98	15.58	15.29	14.60	13.91	13.71	13.22	13.06	11.14	11.98
1-<2	14.75	14.73	14.35	13.24	13.02	12.32	12.15	12.03	11.69	11.85	9.98
2-<3	13.00	12.34	12.52	12.29	11.41	11.21	10.78	10.72	10.65	10.57	10.69
3-<4	11.80	10.81	10.46	10.63	10.55	9.87	9.69	9.39	9.39	9.56	9.39
4-<5	10.86	9.75	9.05	8.82	9.11	9.12	8.50	8.45	8.17	8.39	8.41
5-<6	8.16	8.98	8.23	7.64	7.59	7.88	7.83	7.30	7.33	7.23	7.38
6-<7	6.56	6.75	7.52	6.97	6.51	6.57	6.73	6.74	6.24	6.46	6.33
7-<8	5.12	5.44	5.65	6.31	5.83	5.58	5.65	5.79	5.81	5.48	5.64
8-<9	4.10	4.29	4.57	4.72	5.37	5.05	4.73	4.79	4.98	5.07	4.71
9-<10	3.14	3.44	3.64	3.79	3.96	4.61	4.29	4.05	4.09	4.35	4.38
10-<11	2.50	2.62	2.92	3.09	3.18	3.39	3.92	3.67	3.44	3.62	3.77
11-<12	2.08	2.10	2.24	2.49	2.63	2.72	2.87	3.33	3.11	2.95	3.13
12-<13	.	1.77	1.76	1.92	2.14	2.28	2.33	2.46	2.86	2.70	2.54
13-<14	.	.	1.51	1.50	1.68	1.87	1.99	2.04	2.13	2.50	2.33
14-<15	.	.	.	1.28	1.32	1.45	1.64	1.72	1.76	1.87	2.16
15-<16	.	.	.	.	1.11	1.16	1.28	1.46	1.51	1.55	1.61
16-<17	.	.	.	.	.	0.99	1.03	1.14	1.29	1.34	1.35
17-<18	.	.	.	.	.	.	0.86	0.91	1.01	1.16	1.20
18-<19	.	.	.	.	.	.	.	0.77	0.81	0.90	1.02
19-<20	.	.	.	.	.	.	.	.	0.67	0.73	0.80
20-<21	.	.	.	.	.	.	.	.	.	0.60	0.65
21-<22	.	.	.	.	.	.	.	.	.	.	0.55
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Note: 16,266 transplant events from non-Medicare patients were eliminated from this table due to lack of followup information. "." Zero values in this cell.

Table F.5

Renal Transplants: by Donor Type & Primary Diagnosis

Donor type	Disease group	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Cadaveric	Diabetes	1,613	1,720	1,724	2,022	2,062	2,161	2,269	2,353	2,537	2,485	2,419
	Hypertension	1,241	1,217	1,299	1,344	1,505	1,476	1,472	1,464	1,468	1,420	1,455
	Glomerulonephritis	1,956	1,905	1,867	1,801	1,871	1,949	1,895	1,913	2,040	1,985	1,966
	Cystic kidney	643	610	660	669	602	719	692	733	705	725	691
	Other urologic	104	128	102	159	133	136	151	147	194	170	165
	Other cause	1,103	1,024	1,029	1,024	1,032	1,072	1,053	1,026	1,108	1,095	1,011
	Unknown cause	291	284	272	300	327	271	280	309	294	304	306
	Missing cause	918	899	734	794	791	734	703	601	551	560	551
	All	7,869	7,787	7,687	8,113	8,323	8,518	8,515	8,546	8,897	8,744	8,564
Living	Diabetes	399	482	466	545	581	617	730	751	904	896	1,010
	Hypertension	170	236	309	349	396	411	443	461	498	513	642
	Glomerulonephritis	608	656	689	759	827	940	1,040	1,154	1,207	1,223	1,254
	Cystic kidney	99	113	131	142	148	210	230	252	330	310	382
	Other urologic	48	69	78	101	84	108	125	135	126	144	150
	Other cause	402	432	436	509	473	590	659	726	768	768	836
	Unknown cause	91	89	112	143	124	129	143	154	193	154	193
	Missing cause	333	374	364	427	362	338	262	252	270	366	426
	All	2,150	2,451	2,585	2,975	2,995	3,343	3,632	3,885	4,296	4,374	4,893
Total	Diabetes	2,012	2,202	2,190	2,567	2,643	2,778	2,999	3,104	3,441	3,381	3,429
	Hypertension	1,411	1,453	1,608	1,693	1,901	1,887	1,915	1,925	1,966	1,933	2,097
	Glomerulonephritis	2,564	2,561	2,556	2,560	2,698	2,889	2,935	3,067	3,247	3,208	3,220
	Cystic kidney	742	723	791	811	750	929	922	985	1,035	1,035	1,073
	Other urologic	152	197	180	260	217	244	276	282	320	314	315
	Other cause	1,505	1,456	1,465	1,533	1,505	1,662	1,712	1,752	1,876	1,863	1,847
	Unknown cause	382	373	384	443	451	400	423	463	487	458	499
	Missing cause	1,251	1,273	1,098	1,221	1,153	1,072	965	853	821	926	977
	All	10,019	10,238	10,272	11,088	11,318	11,861	12,147	12,431	13,193	13,118	13,457

Recipients for whom the donor type is unknown are excluded.

Table F.6
Renal Transplants: by State & Territory
 2000

TRANSPLANTATION	Cadaveric	Living	Other/Unk.	All
Alabama	179	83	11	273
Alaska	*	*	*	19
Arizona	113	77	16	206
Arkansas	69	41	*	114
California	928	489	136	1,553
Colorado	87	80	14	181
Connecticut	69	73	11	153
Delaware	44	18	*	68
District of Columbia	25	15	*	41
Florida	530	156	29	715
Georgia	238	91	23	352
Hawaii	38	*	*	47
Idaho	38	31	*	72
Illinois	438	188	53	679
Indiana	163	81	26	270
Iowa	108	84	*	199
Kansas	60	50	*	112
Kentucky	106	40	11	157
Louisiana	148	69	14	231
Maine	24	26	15	65
Maryland	270	212	55	537
Massachusetts	123	123	23	269
Michigan	262	248	42	552
Minnesota	151	163	20	334
Mississippi	82	18	*	103
Missouri	198	100	11	309
Montana	32	26	*	59
Nebraska	48	37	*	89
Nevada	57	36	11	104
New Hampshire	14	23	*	45
New Jersey	278	168	27	473
New Mexico	49	28	*	80
New York	504	323	44	871
North Carolina	231	108	13	352
North Dakota	25	19	*	48
Ohio	383	254	34	671
Oklahoma	91	31	*	129
Oregon	85	62	*	154
Pennsylvania	486	193	57	736
Rhode Island	34	24	*	63
South Carolina	179	55	11	245
South Dakota	20	12	*	35
Tennessee	184	76	13	273
Texas	632	304	65	1,001
Utah	52	43	*	102
Vermont	12	11	*	24
Virginia	161	157	32	350
Washington	180	107	*	297
West Virginia	60	35	*	97
Wisconsin	174	122	29	325
Wyoming	16	*	*	23
Guam	.	*	.	*
Puerto Rico	51	47	*	100
Saipan	*	.	.	*
Virgin Islands	.	*	.	*
All	8,564	4,893	970	14,427

*Values for cells with fewer than 10 patients are suppressed.
 "." Zero values in this cell.

Table F.7

Renal Transplants: by Age & Race

1998-2000 combined

	White	Black	Native American	Asian	Unknown	Other	All
0-17	1,478	402	27	55	*	85	2,056
18-29	3,181	1,217	50	226	26	116	4,816
30-44	9,342	3,034	126	574	44	224	13,344
45-59	10,326	3,419	228	667	32	218	14,890
60+	4,671	1,288	72	266	12	89	6,398
Unknown	*	.	.	.	.	*	*
All	29,006	9,360	503	1,788	123	733	41,513

Table F.8

Renal Transplants, by Donor & Recipient Age: All Patients

1998-2000 combined, by transplant type

Donor age	Recipient age	First transplant		Transplant 2+		All transplants		All
		Cadaveric	Living	Cadaveric	Living	Cadaveric	Living	
0-17	0-17	164	17	40	.	204	17	221
	18-29	343	*	58	.	401	*	409
	30-44	957	*	167	*	1,124	11	1,135
	45-59	1,094	15	138	.	1,232	15	1,247
	60+	404	*	20	.	424	*	425
18-29	0-17	141	119	34	*	175	123	298
	18-29	396	366	79	60	475	426	901
	30-44	1,390	380	251	57	1,641	437	2,078
	45-59	1,337	490	175	45	1,512	535	2,047
	60+	540	71	35	*	575	73	648
30-44	0-17	125	378	34	25	159	403	562
	18-29	351	368	88	48	439	416	855
	30-44	1,358	1,405	243	199	1,601	1,604	3,205
	45-59	1,559	920	206	58	1,765	978	2,743
	60+	688	511	36	*	724	521	1,245
45-59	0-17	73	99	18	*	91	103	194
	18-29	268	444	72	57	340	501	841
	30-44	1,123	478	294	57	1,417	535	1,952
	45-59	1,716	997	215	58	1,931	1,055	2,986
	60+	884	244	42	*	926	248	1,174
60+	0-17	*	*	*	.	*	*	*
	18-29	41	14	19	*	60	15	75
	30-44	211	77	43	20	254	97	351
	45-59	548	50	48	*	596	56	652
	60+	497	98	*	*	504	102	606
Unknown	0-17	200	346	36	22	236	368	604
	18-29	559	725	144	78	703	803	1,506
	30-44	1,934	1,504	415	208	2,349	1,712	4,061
	45-59	2,572	1,621	315	128	2,887	1,749	4,636
	60+	1,392	630	58	13	1,450	643	2,093
All		22,870	12,389	3,331	1,170	26,201	13,559	39,750

Age is calculated as of the day of transplantation.

Table F.8: 8 transplant events were eliminated due to unknown recipient age.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.9
Renal Transplants, by Donor & Recipient Age: Pediatric Patients
 1996-2000 combined, by transplant type

Donor age	Recipient age	First transplant		Transplant 2+		All transplants		All
		Cadaveric	Living	Cadaveric	Living	Cadaveric	Living	
0-1	0-1	*	.	.	.	*	.	*
	2-5	*	*	.	.	*	*	*
	6-10	*	.	*	.	*	.	*
	11-17	*	*	*	.	12	*	14
2-5	0-1	*	.	.	.	*	.	*
	2-5	*	*	*	.	11	*	12
	6-10	*	.	*	.	11	.	11
	11-17	20	*	*	.	21	*	23
6-10	0-1	*	.	.	.	*	.	*
	2-5	11	.	*	.	13	.	13
	6-10	21	*	*	.	24	*	28
	11-17	55	.	12	.	67	.	67
11-17	0-1	*	*	.	.	*	*	*
	2-5	32	*	*	.	35	*	36
	6-10	39	*	11	.	50	*	51
	11-17	114	11	27	.	141	11	152
18+	0-1	18	99	.	.	18	99	117
	2-5	94	199	*	*	100	208	308
	6-10	140	237	27	14	167	251	418
	11-17	420	690	124	58	544	748	1,292
All		1,010	1,250	226	81	1,236	1,331	2,567

Table F.10
Allocation of Cadaveric Kidneys

COUNTS Organ placed by	First transplant					Transplant 2+					All
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Zero-antigen mismatch	877	914	986	849	917	*	*	15	23	41	4,635
Payback	385	340	367	343	361	*	*	*	*	*	1,813
Local	6,271	6,260	6,363	5,810	5,039	17	44	86	85	115	30,090
Regional	68	.	.	.	*	.	.	.	.	.	75
Unknown	97	200	191	902	1,570	.	.	.	*	28	2,997
All	7,698	7,714	7,907	7,904	7,894	24	55	106	121	187	39,610
PERCENTAGES Organ placed by	First transplant					Transplant 2+					All
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Zero-antigen mismatch	11.4	11.8	12.5	10.7	11.6	*	*	14.2	19.0	21.9	11.7
Payback	5.0	4.4	4.6	4.3	4.6	*	*	*	*	*	4.6
Local	81.5	81.2	80.5	73.5	63.8	70.8	80.0	81.1	70.2	61.5	76.0
Regional	0.9	.	.	.	*	.	.	.	.	.	0.2
Unknown	1.3	2.6	2.4	11.4	19.9	.	.	.	*	15.0	7.6
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Age is calculated as of the day of transplantation.
 *Values for cells with fewer than 10 patients are suppressed.
 "." Zero values in this cell.

Table F.11

Percent Reactive Antibodies (PRA)

CADAVERIC	First transplant					Transplant 2+					All
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Peak PRA											
<20%	6,155	6,170	6,507	5,647	2,389	521	541	566	387	150	29,033
20-39%	463	474	436	373	153	103	101	75	79	40	2,297
40-59%	235	229	202	189	83	71	59	80	78	35	1,261
60%+	405	454	440	498	243	236	267	257	232	114	3,146
Missing	198	144	188	967	4,559	128	107	146	294	798	7,529
Most recent PRA											
<20%	6,705	6,749	7,029	5,862	1,945	129	127	128	87	28	28,789
20-39%	193	204	179	152	40	27	21	27	16	*	863
40-59%	102	108	105	104	35	19	23	19	19	*	539
60%+	157	170	165	155	58	55	39	37	27	*	871
Missing	299	240	295	1,401	5,349	829	865	913	921	1,092	12,204
All	7,456	7,471	7,773	7,674	7,427	1,059	1,075	1,124	1,070	1,137	43,266
LIVING DONOR											
Peak PRA											
<20%	2,851	3,056	3,221	2,842	1,191	177	176	193	160	60	13,927
20-39%	138	151	158	122	48	30	31	36	27	14	755
40-59%	66	59	60	43	25	21	20	24	21	*	348
60%+	80	91	80	92	45	44	50	43	36	*	571
Missing	193	219	408	900	3,158	32	32	73	131	333	5,479
Most recent PRA											
<20%	2,992	3,213	3,367	2,864	856	54	50	40	31	*	13,472
20-39%	79	81	82	57	16	*	*	*	*	.	333
40-59%	32	23	40	22	12	*	*	*	*	.	140
60%+	29	42	39	33	12	*	*	*	*	*	171
Missing	196	217	399	1,023	3,571	233	254	319	332	420	6,964
All	3,328	3,576	3,927	3,999	4,467	304	309	369	375	426	21,080

*Values for cells with fewer than 10 patients are suppressed.

"." Zero values in this cell.

Table F.12
Hepatitis B Surface Antigen (HBsAg) Status
by recipient & donor HBsAg status

CADAVERIC Recipient HBsAg	Donor HBsAg	First transplant					Transplant 2+					All
		1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Positive	Positive	.	.	.	*	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	*	.	.	.	*
	Negative	69	86	114	93	15	*	16	27	14	*	447
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	*	*	.	.	.	*	.	.	.	*
	Missing	.	.	.	16	25	.	.	.	.	*	42
	Unknown	.	.	*	.	.	.	.	.	.	.	*
Intermediate	Positive	.	.	.	.	.	.	.	.	.	.	.
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	.	*	*	*	*	.	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	.	.	.	.	.	.	.	.	.
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Negative	Positive	.	17	37	28	*	.	*	*	*	.	100
	Intermediate	.	*	*	.	.	.	.	.	.	.	*
	Negative	6,610	6,379	6,479	4,334	833	891	883	888	600	142	28,039
	Cannot disclose	.	*	.	.	.	.	.	.	.	.	*
	Not done	58	67	63	17	*	*	*	*	*	*	234
	Missing	90	108	87	774	674	*	18	16	98	88	1,963
	Unknown	*	*	*	*	*	.	.	*	*	.	34
Cannot disclose	Positive	.	.	.	.	.	.	.	.	.	.	.
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	*	56	41	59	*	*	16	13	15	*	214
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	*	*	.	.	.	.	.	.	*
	Missing	.	.	.	*	*	.	.	.	*	.	*
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Not done	Positive	.	*	*	*	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	255	222	240	241	40	62	32	40	25	*	1,165
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	.	*	*	.	*	.	.	*	*	*
	Missing	*	*	*	37	31	.	*	.	*	*	85
	Unknown	*	.	.	.	.	.	.	.	.	.	*
Missing	Positive	.	*	*	*	*	.	.	.	.	.	*
	Intermediate	.	.	*	.	.	.	.	.	.	.	*
	Negative	134	226	405	1,255	921	31	38	69	193	158	3,430
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	*	*	*	*	*	.	*	*	*	30
	Missing	30	39	39	564	4,795	17	16	17	84	721	6,322
	Unknown	*	.	*	*	*	.	.	.	.	.	*
Unknown	Positive	.	.	*	.	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	187	238	234	156	26	26	38	43	19	.	967
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	*	*	.	.	.	*	.	.	.	*
	Missing	*	*	*	63	31	*	*	.	*	*	123
	Unknown	*	*	.	.	.	*	.	.	.	.	*

*Values for cells with fewer than 10 patients are suppressed.
 "." Zero values in this cell.

Table F.12 (continued)

Hepatitis B Surface Antigen (HBsAg) Status

by recipient & donor HBsAg status

LIVING DONOR Recipient HBsAg	Donor HBsAg	First transplant					Transplant 2+					All
		1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Positive	Positive	*	*	*	*	*	.	.	.	.	.	12
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	30	34	46	21	*	*	*	*	*	*	148
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	*	.	*	.	.	.	.	.	.	*
	Missing	*	*	*	*	*	.	.	*	.	.	20
	Unknown	.	*	*	*	*	.	.	.	.	.	*
Intermediate	Positive	.	.	.	.	.	.	.	.	.	.	.
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	*	*	*	.	.	.	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	.	.	.	.	.	.	.	.	.
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Negative	Positive	*	15	15	*	*	.	*	.	.	.	53
	Intermediate	*	.	.	*	.	*	.	.	.	.	*
	Negative	2,775	2,929	2,944	2,193	520	244	241	275	213	38	12,372
	Cannot disclose	*	.	*	.	.	.	.	.	.	.	*
	Not done	58	71	63	99	*	*	*	*	*	.	311
	Missing	95	98	240	336	171	*	11	24	33	19	1,037
	Unknown	20	32	40	65	31	*	*	*	*	*	206
Cannot disclose	Positive	.	.	.	.	.	.	.	.	.	.	.
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	.	.	.	*	.	.	.	.	.	.	*
	Cannot disclose	*	13	*	*	.	.	*	*	.	.	25
	Not done	.	*	.	.	.	.	.	.	.	.	*
	Missing	.	.	*	16	*	.	.	.	*	.	28
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Not done	Positive	.	.	*	*	*	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	51	68	76	88	*	*	*	11	*	*	318
	Cannot disclose	11	.	*	.	.	*	.	.	.	.	20
	Not done	15	13	23	16	*	*	*	.	*	.	72
	Missing	*	*	14	33	*	*	.	.	*	*	65
	Unknown	*	*	*	*	*	.	*	.	.	.	14
Missing	Positive	.	*	*	.	*	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	42	47	87	190	94	*	11	*	27	*	517
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	27	*	*	*	.	*	*	*	.	49
	Missing	91	116	236	800	3,557	*	19	23	58	346	5,256
	Unknown	*	*	*	*	13	*	.	*	*	*	36
Unknown	Positive	.	.	.	*	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	85	62	61	31	*	13	*	*	*	*	279
	Cannot disclose	*	.	.	.	.	.	.	.	.	.	*
	Not done	*	*	*	*	.	.	.	*	*	.	22
	Missing	*	*	33	43	*	*	*	*	*	.	101
	Unknown	19	21	*	20	11	*	*	.	*	*	81

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.13

Cytomegalovirus (CMV) Antibody Status

by recipient & donor CMV status

CADAVER Recipient CMV	Donor CMV	First transplant					Transplant 2+					All
		1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Positive	Positive	2,513	2,492	2,444	1,115	*	405	363	378	156	*	9,871
	Intermediate	*	*	*	.	.	*	*	*	.	.	12
	Negative	1,566	1,453	1,439	585	*	233	251	234	110	.	5,873
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	12	36	48	*	.	*	*	*	*	.	120
	Missing	45	67	48	69	*	*	16	*	*	.	272
	Unknown	*	*	*	*	.	.	*	*	.	.	23
Intermediate	Positive	*	*	*	*	.	.	.	*	.	.	19
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	*	*	*	.	.	*	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	.	.	.	.	.	.	.	.	.
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Negative	Positive	1,501	1,335	1,386	571	.	155	155	149	63	.	5,315
	Intermediate	*	.	*	*	.	.	.	*	.	.	*
	Negative	1,073	1,075	1,004	388	.	122	113	107	52	.	3,934
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	31	24	*	.	*	*	*	*	.	71
	Missing	43	36	33	43	.	*	*	*	*	*	168
	Unknown	*	*	*	*	.	.	.	*	.	.	*
Cannot disclose	Positive	*	*	*	.	.	.	.	*	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	.	.	*	*	.	.	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	.	.	.	.	.	.	.	.	.
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Not done	Positive	85	102	74	26	.	25	14	17	*	.	347
	Intermediate	.	.	*	.	.	.	.	.	.	.	*
	Negative	68	80	50	20	*	17	15	13	*	.	266
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	*	*	.	.	.	.	.	.	.	*
	Missing	*	*	*	.	*	.	.	.	.	.	*
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Missing	Positive	180	313	590	2,122	1,098	25	55	96	283	172	4,934
	Intermediate	*	.	.	.	*	.	.	.	.	.	*
	Negative	103	177	334	1,244	754	21	27	53	189	142	3,044
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	16	19	*	*	.	*	.	*	*	55
	Missing	35	46	47	1,339	5,554	19	17	18	183	818	8,076
	Unknown	*	.	*	*	*	*	.	.	*	.	12
Unknown	Positive	113	109	122	72	*	16	16	16	*	.	473
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	85	70	70	33	.	*	*	15	*	.	291
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	*	*	.	.	.	*	.	.	.	14
	Missing	*	*	*	11	*	.	.	*	*	.	20
	Unknown	*	*	*	.	.	.	.	.	.	.	*

*Values for cells with fewer than 10 patients are suppressed.
 "." Zero values in this cell.

Table F.13 (continued)

Cytomegalovirus (CMV) Antibody Status

by recipient & donor CMV status

LIVING DONOR Recipient CMV	Donor CMV	First transplant					Transplant 2+					All
		1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
Positive	Positive	917	1,062	949	473	.	91	90	101	38	.	3,721
	Intermediate	*	*	*	.	.	*	*	.	.	.	11
	Negative	497	528	561	255	.	62	51	75	39	.	2,068
	Cannot disclose	*	.	.	.	.	.	.	.	.	.	*
	Not done	31	22	39	20	.	*	*	*	*	.	125
	Missing	53	61	135	48	.	*	*	*	*	*	329
	Unknown	25	31	25	12	.	*	*	*	*	.	101
Intermediate	Positive	*	*	.	*	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	*	*	*	*	.	.	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	.	.	.	.	.	.	.	.	.	.
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Negative	Positive	467	517	529	233	.	22	30	24	13	.	1,835
	Intermediate	*	.	.	.	.	.	*	.	.	.	*
	Negative	835	816	814	407	.	70	53	69	26	.	3,090
	Cannot disclose	*	.	.	.	.	.	.	.	.	.	*
	Not done	29	20	*	*	.	.	*	*	*	.	74
	Missing	43	33	90	41	.	*	*	*	*	.	219
	Unknown	35	15	22	*	.	*	.	*	*	.	89
Cannot disclose	Positive	.	.	*	.	.	.	.	.	.	.	*
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	.	.	*	.	.	.	.	.	.	.	*
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	.	*	.	.	.	.	.	.	.	.	*
	Missing	.	.	.	.	.	.	.	.	.	.	.
	Unknown	.	.	.	.	.	.	.	.	.	.	.
Not done	Positive	21	23	19	*	.	*	*	*	.	82	
	Intermediate	.	.	.	.	.	.	.	.	.	.
	Negative	22	23	15	12	.	*	*	*	*	.	78
	Cannot disclose	*	.	.	.	.	.	.	*	.	.	*
	Not done	*	15	*	*	.	*	*	*	*	.	33
	Missing	*	*	*	*	.	.	.	*	*	.	*
	Unknown	*	*	*	*	.	.	.	.	.	.	*
Missing	Positive	57	73	69	90	*	*	*	*	*	.	315
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	58	38	79	70	*	*	*	*	*	.	269
	Cannot disclose	.	.	.	.	.	.	.	.	.	.	.
	Not done	*	34	*	*	.	.	*	*	.	.	48
	Missing	109	176	477	2,266	4,463	12	32	48	229	425	8,237
	Unknown	11	12	*	16	*	*	.	*	*	.	51
Unknown	Positive	25	22	21	*	.	*	*	*	.	.	83
	Intermediate	.	.	.	.	.	.	.	.	.	.	.
	Negative	37	36	27	*	.	*	*	*	.	.	110
	Cannot disclose	*	.	.	.	.	.	.	.	.	.	*
	Not done	*	*	*	.	.	.	.	.	.	.	*
	Missing	*	*	*	*	*	*	.	.	*	.	25
	Unknown	23	*	*	*	.	.	*	.	.	.	38

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.14

Warm Ischemia Time (minutes)

by number of transplants

	Cadaver					Living					
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000	
First transplant	Mean	22.5	23.9	24.0	24.3	24.7	19.0	19.8	19.3	18.0	19.0
	First quartile	0	0	0	0	0	0	0	0	0	1
	Median	25	29	28	29	27	20	20	22	18	10
	Third quartile	37	38	38	39	40	34	33	32	30	31
	Minimum	0	0	0	0	0	0	0	0	0	0
	Maximum	99	99	99	117	118	99	99	99	99	117
	N	6,478	5,801	5,972	3,978	944	2,772	2,773	2,928	2,099	443
	NA/Missing	978	1,670	1,801	3,696	6,483	556	803	999	1,900	4,024
Total obs (N+NA)	7,456	7,471	7,773	7,674	7,427	3,328	3,576	3,927	3,999	4,467	
Transplant 2+	Mean	22.7	23.4	23.6	24.5	22.3	20.0	18.7	20.1	18.4	18.2
	First quartile	0	0	0	0	0	0	0	0	1	2
	Median	28	28	29	30	23	20	20	25	20	11
	Third quartile	37	38	38	38	39	35	31	33	30	34
	Minimum	0	0	0	0	0	0	0	0	0	0
	Maximum	102	99	99	114	109	87	99	93	70	58
	N	894	832	851	555	161	248	220	279	191	39
	NA/Missing	165	243	273	515	976	56	89	90	184	387
Total obs (N+NA)	1,059	1,075	1,124	1,070	1,137	304	309	369	375	426	

Table F.15

Cold Ischemia Time (hours): Cadaveric Transplants

by number of transplants

	1996	1997	1998	1999	2000	
First transplant	Mean	20.4	19.6	19.7	19.1	19.0
	First quartile	14.0	14.0	14.0	13.0	13.5
	Median	20.0	19.0	19.0	18.0	18.0
	Third quartile	26.0	24.0	25.0	24.0	24.0
	Minimum	0.3	0.2	0.2	0.2	1.0
	Maximum	91.0	63.0	99.0	52.0	54.5
	N	7,147	6,937	6,861	5,206	1,411
	NA/Missing	309	534	912	2,468	6,016
Total obs (N+NA)	7,456	7,471	7,773	7,674	7,427	
Transplant 2+	Mean	21.7	21.3	20.8	19.9	19.7
	First quartile	16.0	16.0	15.0	14.0	14.0
	Median	21.0	21.0	20.0	19.0	19.5
	Third quartile	27.0	26.0	25.0	25.0	24.1
	Minimum	1.0	0.5	0.3	0.2	1.0
	Maximum	51.0	52.0	57.0	90.0	51.0
	N	1,001	969	968	701	224
	NA/Missing	58	106	156	369	913
Total obs (N+NA)	1,059	1,075	1,124	1,070	1,137	

Table F.16

Renal Transplants for Selected Years: by Donor & Recipient Blood Type*by number of transplants & donor type*

1995 FIRST TRANSPLANT		Recipient blood type					All
Donor type	Donor blood type	Unknown	O	A	B	AB	
Cadaver	O	*	3,318	155	88	*	3,574
	A	*	13	2,599	*	91	2,712
	B	.	*	*	803	31	838
	AB	.	.	*	*	238	241
	Unknown	*	*	*	*	*	28
Living	O	.	1,349	369	153	18	1,889
	A	.	15	813	*	39	869
	B	.	.	.	223	25	248
	AB	.	.	.	.	36	36
	Unknown	.	*	*	*	*	15
Other/unknown	O	.	.	.	.	.	.
	A	.	.	.	.	.	.
	B	.	.	.	.	.	.
	AB	.	.	.	.	.	.
	Unknown	181	.	.	.	.	181
All		192	4,714	3,953	1,283	489	10,631
1995 TRANSPLANT 2+							
Cadaver	O	*	470	39	24	*	540
	A	.	*	429	.	24	455
	B	.	*	*	79	*	83
	AB	.	.	.	.	35	35
	Unknown	.	*	*	*	.	12
Living	O	.	110	45	*	*	166
	A	.	.	86	.	*	90
	B	.	.	.	23	*	25
	AB	.	.	.	.	*	*
	Unknown	.	.	*	.	.	*
Other/unknown	O	.	.	.	.	.	.
	A	.	.	.	.	.	.
	B	.	.	.	.	.	.
	AB	.	.	.	.	.	.
	Unknown	48	.	.	.	.	48
All		50	591	603	137	78	1,459

*Values for cells with fewer than 10 patients are suppressed.

"." Zero values in this cell.

Table F.16 (continued)

Renal Transplants for Selected Years: by Donor & Recipient Blood Type

by number of transplants & donor type

2000 FIRST Transplant Donor type	Donor blood type	Recipient blood type					All
		Unknown	O	A	B	AB	
Cadaver	O	*	1,367	55	31	*	1,463
	A	*	*	1,091	.	36	1,145
	B	.	*	.	322	*	332
	AB	.	*	.	.	101	102
	Unknown	77	1,918	1,625	551	214	4,385
Living	O	.	687	206	82	11	986
	A	.	*	353	*	21	385
	B	.	*	*	97	11	110
	AB	.	.	.	*	19	20
	Unknown	43	1,366	1,075	380	102	2,966
Other/unknown	O	.	.	.	.	.	.
	A	.	.	.	.	.	.
	B	.	.	.	.	.	.
	AB	.	.	.	.	.	.
	Unknown	886	.	.	.	.	886
All		1,017	5,360	4,406	1,465	532	12,780
2000 TRANSPLANT 2+							
Cadaver	O	.	213	20	*	*	238
	A	.	*	207	.	*	212
	B	.	.	.	41	*	42
	AB	.	.	.	.	12	12
	Unknown	*	285	227	80	31	633
Living	O	.	59	21	*	.	88
	A	.	*	35	*	*	39
	B	.	.	.	*	.	*
	AB	.	.	.	.	*	*
	Unknown	*	133	105	31	13	289
Other/unknown	O	.	.	.	.	.	.
	A	.	.	.	.	.	.
	B	.	.	.	.	.	.
	AB	.	.	.	.	.	.
	Unknown	84	.	.	.	.	84
All		101	692	615	174	65	1,647

*Values for cells with fewer than 10 patients are suppressed.
 "." Zero values in this cell.

Table F.17

Renal Transplants: by Number of Transplants*per 100 patient years on dialysis, by transplant type & age*

ALL TRANSPLANTATIONS		Age on December 31 of transplant year					
		0-17	18-29	30-44	45-59	60+	All
Transplant rate: All	1991	66.5	30.1	18.5	9.3	1.4	7.9
	1992	59.6	26.3	17.4	9.0	1.4	7.2
	1993	61.3	27.0	16.8	9.1	1.4	7.1
	1994	57.6	24.4	16.1	8.6	1.4	6.6
	1995	55.1	22.2	14.8	8.1	1.4	6.2
	1996	49.7	19.7	13.1	7.8	1.5	5.8
	1997	48.9	18.7	12.7	7.7	1.5	5.6
	1998	47.5	18.2	13.3	7.7	1.6	5.6
	1999	54.0	18.1	12.1	7.2	1.6	5.3
	2000	42.5	17.9	12.1	7.3	1.7	5.4
Transplant count: All	1991	594	1,687	3,703	2,824	961	9,769
	1992	554	1,534	3,750	3,027	1,091	9,956
	1993	586	1,659	3,873	3,365	1,203	10,686
	1994	577	1,575	4,009	3,519	1,255	10,935
	1995	620	1,552	4,077	3,781	1,447	11,477
	1996	628	1,502	3,948	4,041	1,645	11,764
	1997	611	1,451	3,964	4,294	1,725	12,045
	1998	574	1,429	4,193	4,575	1,951	12,722
	1999	665	1,443	3,933	4,560	2,061	12,662
	2000	561	1,434	4,119	4,996	2,412	13,522
Cadaveric rate	1991	28.4	19.4	14.1	7.7	1.3	5.9
	1992	26.0	16.4	12.9	7.2	1.2	5.3
	1993	25.2	16.0	12.1	7.2	1.2	5.1
	1994	29.5	14.0	11.6	6.8	1.2	4.8
	1995	24.6	13.7	10.4	6.2	1.1	4.4
	1996	22.2	10.6	9.2	5.8	1.2	4.0
	1997	21.1	9.9	8.6	5.6	1.1	3.8
	1998	20.0	9.4	8.7	5.5	1.2	3.8
	1999	23.2	9.1	7.9	4.8	1.1	3.4
	2000	16.9	8.6	7.1	4.5	1.2	3.2
Cadaveric count	1991	254	1,086	2,827	2,332	856	7,355
	1992	242	958	2,792	2,428	912	7,332
	1993	241	985	2,798	2,669	1,013	7,706
	1994	296	906	2,889	2,785	1,071	7,947
	1995	277	957	2,873	2,890	1,161	8,158
	1996	281	808	2,758	2,996	1,310	8,153
	1997	263	768	2,690	3,159	1,324	8,204
	1998	241	737	2,760	3,241	1,487	8,466
	1999	286	723	2,553	3,082	1,510	8,154
	2000	223	692	2,426	3,075	1,620	8,036
Living rate	1991	35.1	10.3	4.2	1.5	0.1	1.8
	1992	30.9	9.4	4.2	1.6	0.2	1.8
	1993	34.1	10.3	4.3	1.7	0.2	1.8
	1994	26.7	10.0	4.2	1.7	0.2	1.7
	1995	28.2	8.1	4.1	1.8	0.3	1.7
	1996	25.6	8.8	3.8	1.9	0.3	1.7
	1997	25.1	8.5	3.9	2.0	0.3	1.7
	1998	25.8	8.4	4.3	2.1	0.4	1.8
	1999	27.8	8.5	3.9	2.1	0.4	1.7
	2000	18.6	7.8	4.1	2.3	0.5	1.8
Living count	1991	314	576	846	463	91	2,290
	1992	287	547	912	546	149	2,441
	1993	326	631	985	647	177	2,766
	1994	268	646	1,053	704	178	2,849
	1995	317	569	1,134	850	272	3,142
	1996	323	670	1,147	1,010	317	3,467
	1997	313	660	1,230	1,092	387	3,682
	1998	311	658	1,365	1,260	445	4,039
	1999	342	676	1,260	1,357	497	4,132
	2000	246	626	1,406	1,601	678	4,557

Age is calculated as of December 31 of the year.

Table F.17 (continued)

Renal Transplants: by Number of Transplants

per 100 patient years on dialysis, by transplant type & age

FIRST TRANSPLANT		Age on December 31 of transplant year					
		0-17	18-29	30-44	45-59	60+	All
Transplant rate: All	1991	93.9	37.8	20.5	9.5	1.4	7.7
	1992	82.9	32.3	19.3	9.2	1.4	7.1
	1993	86.4	33.4	18.7	9.4	1.4	7.0
	1994	75.8	29.4	18.0	8.8	1.3	6.5
	1995	69.0	26.2	16.2	8.3	1.4	6.1
	1996	61.8	23.6	14.4	8.0	1.5	5.7
	1997	59.2	21.8	13.5	7.8	1.4	5.5
	1998	55.0	20.9	14.2	7.8	1.5	5.5
	1999	61.5	21.0	12.8	7.2	1.5	5.2
	2000	49.4	20.3	12.9	7.4	1.7	5.3
Transplant count: All	1991	527	1,471	3,265	2,600	921	8,784
	1992	501	1,326	3,325	2,804	1,052	9,008
	1993	542	1,464	3,473	3,138	1,173	9,790
	1994	515	1,382	3,578	3,267	1,199	9,941
	1995	565	1,355	3,599	3,486	1,388	10,393
	1996	576	1,319	3,478	3,751	1,583	10,707
	1997	566	1,276	3,451	3,980	1,662	10,935
	1998	522	1,240	3,695	4,213	1,882	11,552
	1999	608	1,270	3,435	4,204	1,997	11,514
	2000	527	1,238	3,600	4,588	2,343	12,296
Cadaveric rate	1991	36.0	23.1	15.3	7.7	1.2	5.7
	1992	32.9	19.1	14.0	7.3	1.2	5.1
	1993	32.7	18.6	13.3	7.4	1.2	5.0
	1994	35.8	15.9	12.7	6.9	1.1	4.6
	1995	28.2	15.4	11.1	6.3	1.1	4.2
	1996	25.7	12.0	9.8	5.8	1.1	3.9
	1997	24.3	10.9	8.9	5.7	1.1	3.6
	1998	21.1	10.1	9.1	5.4	1.1	3.6
	1999	24.2	10.0	8.0	4.8	1.1	3.3
	2000	18.6	9.1	7.3	4.4	1.1	3.0
Cadaveric count	1991	202	898	2,426	2,124	820	6,470
	1992	199	783	2,417	2,223	874	6,496
	1993	205	817	2,462	2,472	984	6,940
	1994	243	748	2,523	2,560	1,018	7,092
	1995	231	795	2,471	2,636	1,111	7,244
	1996	239	669	2,371	2,745	1,252	7,276
	1997	232	638	2,264	2,880	1,266	7,280
	1998	200	599	2,358	2,932	1,426	7,515
	1999	239	607	2,165	2,782	1,452	7,245
	2000	198	552	2,035	2,753	1,562	7,100
Living rate	1991	53.5	14.1	5.1	1.6	0.1	1.9
	1992	46.0	12.6	5.0	1.7	0.2	1.8
	1993	50.9	13.8	5.0	1.8	0.2	1.9
	1994	38.1	13.0	5.0	1.8	0.2	1.8
	1995	37.6	10.3	4.8	1.9	0.3	1.7
	1996	33.7	11.2	4.4	2.1	0.3	1.8
	1997	31.4	10.5	4.5	2.1	0.3	1.7
	1998	31.7	10.2	4.9	2.2	0.4	1.8
	1999	33.9	10.2	4.3	2.2	0.4	1.8
	2000	22.3	9.5	4.6	2.5	0.5	1.8
Living count	1991	300	548	809	449	87	2,193
	1992	278	518	864	531	148	2,339
	1993	319	606	928	619	176	2,648
	1994	259	611	990	678	175	2,713
	1995	308	534	1,062	812	263	2,979
	1996	314	627	1,068	974	313	3,296
	1997	300	615	1,145	1,059	382	3,501
	1998	301	609	1,272	1,208	437	3,827
	1999	335	620	1,158	1,308	494	3,915
	2000	238	580	1,296	1,533	667	4,314

Age is calculated as of December 31 of the year.

Table F.17 (continued)

Renal Transplants: by Number of Transplants*per 100 patient years on dialysis, by transplant type & age*

REPEAT TRANSPLANT		Age on December 31 of transplant year					All
		0-17	18-29	30-44	45-59	60+	
Transplant rate: All	1991	20.1	12.6	10.7	7.8	5.0	10.0
	1992	16.3	12.1	9.7	7.0	4.4	9.0
	1993	13.4	11.0	8.7	6.4	2.8	7.9
	1994	19.2	11.0	8.7	6.4	4.6	8.2
	1995	17.9	10.7	9.0	6.8	4.2	8.2
	1996	15.7	9.0	7.8	5.7	3.7	7.0
	1997	15.3	9.1	9.1	6.2	3.7	7.6
	1998	20.2	10.0	8.9	6.9	3.9	8.0
	1999	23.4	9.1	8.9	6.5	3.4	7.6
	2000	13.4	10.2	8.6	6.8	3.0	7.4
	Transplant count: All	1991	67	216	438	224	40	985
1992		53	208	425	223	39	948
1993		44	195	400	227	30	896
1994		62	193	431	252	56	994
1995		55	197	478	295	59	1,084
1996		52	183	470	290	62	1,057
1997		45	175	513	314	63	1,110
1998		52	189	498	362	69	1,170
1999		57	173	498	356	64	1,148
2000		34	196	519	408	69	1,226
Cadaveric rate		1991	15.6	11.0	9.8	7.3	4.5	9.0
	1992	13.2	10.2	8.6	6.4	4.3	8.0
	1993	11.0	9.5	7.3	5.5	2.7	6.8
	1994	16.4	9.0	7.4	5.7	4.3	7.0
	1995	15.0	8.8	7.6	5.9	3.6	6.9
	1996	12.6	6.8	6.4	5.0	3.5	5.8
	1997	10.6	6.8	7.6	5.5	3.4	6.3
	1998	15.9	7.3	7.2	5.9	3.4	6.5
	1999	19.3	6.1	6.9	5.5	3.1	6.0
	2000	9.8	7.3	6.5	5.4	2.5	5.7
	Cadaveric count	1991	52	188	401	208	36	885
1992		43	175	375	205	38	836
1993		36	168	336	197	29	766
1994		53	158	366	225	53	855
1995		46	162	402	254	50	914
1996		42	139	387	251	58	877
1997		31	130	426	279	58	924
1998		41	138	402	309	61	951
1999		47	116	388	300	58	909
2000		25	140	391	322	58	936
Living rate		1991	4.2	1.6	0.9	0.5	0.5
	1992	2.8	1.7	1.1	0.5	0.1	1.0
	1993	2.1	1.4	1.2	0.8	0.1	1.0
	1994	2.8	2.0	1.3	0.7	0.2	1.1
	1995	2.9	1.9	1.4	0.9	0.6	1.2
	1996	2.7	2.1	1.3	0.7	0.2	1.1
	1997	4.4	2.3	1.5	0.6	0.3	1.2
	1998	3.9	2.6	1.7	1.0	0.5	1.4
	1999	2.9	2.9	1.8	0.9	0.2	1.4
	2000	3.1	2.4	1.8	1.1	0.5	1.5
	Living count	1991	14	28	37	14	4	97
1992		9	29	48	15	1	102
1993		7	25	57	28	1	118
1994		9	35	63	26	3	136
1995		9	35	72	38	9	163
1996		9	43	79	36	4	171
1997		13	45	85	33	5	181
1998		10	49	93	52	8	212
1999		7	56	102	49	3	217
2000		8	46	110	68	11	243

Age is calculated as of December 31 of the year.

Table F.18

Ratios of Patients Transplanted to All Patients

by patient age

	Age on December 31 of transplant year					
	0-17	18-29	30-44	45-59	60+	All
1990	81.7	69.8	61.3	39.8	8.4	35.8
1991	81.3	69.6	60.7	40.1	8.9	35.4
1992	80.8	68.5	60.4	40.6	9.5	34.9
1993	81.4	67.7	60.5	41.5	10.0	35.1
1994	79.7	65.8	59.9	41.2	10.4	34.5
1995	77.6	64.4	58.6	40.4	10.8	33.8
1996	76.5	63.1	57.8	40.3	11.3	33.4
1997	75.9	62.1	56.6	40.4	11.7	32.9
1998	76.9	61.8	57.1	41.0	12.4	33.2
1999	76.6	61.7	56.9	41.0	13.1	33.3
2000	74.1	61.3	56.7	41.2	13.9	33.5

Table F.19

First Renal Transplant Rates: by Recipient Age

per 1,000 patient years at risk, by recipient age on January 1, 2000

Age of recipient	Modality		
	All dialysis	modialysis	APD/CCPD
0-14	301.6	304.5	305.6
15-19	244.1	221.5	305.4
20-24	161.6	153.0	202.9
25-29	140.3	128.2	198.2
30-34	126.5	114.3	187.9
35-39	103.0	91.7	166.6
40-44	84.0	74.6	137.1
45-49	69.4	62.4	114.6
50-54	59.9	53.6	102.6
55-59	48.0	43.7	79.2
60-64	33.0	31.2	50.7
All <65	69.7	61.5	122.8

Age is calculated as of December 31 of the year (Table F.18) and as of January 1 of the year (Table F.19).

Patients who died from AIDS are excluded from all calculations.

Includes all patients who have reached day 91 of ESRD by the end of the year, excluding Non-Medicare patients.

Note: The rates in Table F.19 are estimated based on a statistical model to improve rate stability.

Please refer to the analytical methods section for a complete description of the first transplantation rate methodology.

Table F.20

Renal Transplant Rates: by Transplant Type

per 100 patient years on dialysis, 1997-2000 combined, by age, diabetic status, gender, & race

ALL			Rate				Count					
Age	Diabetic	Gender	White	Black	Native American	Asian	All	White	Black	Native American	Asian	All
0-17	Yes	Male	12.9	.	.	*	8.6	3	.	.	*	3
		Female	3.8	.	*	*	1.5	1	.	*	*	1
		All	8.1	.	*	*	3.9	4	.	*	*	4
	No	Male	64.2	35.6	48.4	35.9	53.7	984	276	20	37	1,317
		Female	56.4	29.7	38.1	37.4	46.8	732	194	12	37	975
		All	60.6	32.9	43.9	36.6	50.5	1,716	470	32	74	2,292
	All	Male	63.4	35.2	48.4	34.9	53.1	987	276	20	37	1,320
		Female	55.4	28.0	37.7	36.3	45.4	733	194	12	37	976
		All	59.7	31.8	43.7	35.6	49.5	1,720	470	32	74	2,296
18-29	Yes	Male	31.9	10.2	12.5	7.5	23.0	205	43	1	1	250
		Female	30.4	11.5	3.0	10.5	21.1	230	73	1	3	307
		All	31.1	11.0	4.8	9.5	21.9	435	116	2	4	557
	No	Male	27.1	10.8	10.9	21.9	18.9	1,938	779	23	148	2,888
		Female	24.7	9.7	12.4	17.1	17.2	1,438	557	31	123	2,149
		All	26.0	10.3	11.7	19.4	18.1	3,376	1,336	54	271	5,037
	All	Male	27.5	10.8	11.0	21.6	19.2	2,143	822	24	149	3,138
		Female	25.3	9.9	11.3	16.9	17.6	1,668	630	32	126	2,456
		All	26.5	10.4	11.2	19.1	18.5	3,811	1,452	56	275	5,594
30-44	Yes	Male	20.6	7.0	5.6	7.9	16.1	2,272	326	23	31	2,652
		Female	21.2	6.0	5.3	7.8	14.6	1,520	289	21	26	1,856
		All	20.9	6.5	5.5	7.9	15.5	3,792	615	44	57	4,508
	No	Male	20.1	5.9	8.5	14.7	11.9	4,492	1,837	67	307	6,703
		Female	18.8	6.0	8.2	15.8	11.7	3,053	1,281	51	318	4,703
		All	19.6	5.9	8.4	15.3	11.8	7,545	3,118	118	625	11,406
	All	Male	20.3	6.0	7.5	13.6	12.8	6,764	2,163	90	338	9,355
		Female	19.6	6.0	7.1	14.7	12.4	4,573	1,570	72	344	6,559
		All	20.0	6.0	7.3	14.1	12.7	11,337	3,733	162	682	15,914
45-59	Yes	Male	8.7	3.9	4.3	4.9	6.7	2,519	711	83	100	3,413
		Female	6.2	2.5	3.0	2.9	4.3	1,392	514	61	47	2,014
		All	7.6	3.1	3.6	4.0	5.5	3,911	1,225	144	147	5,427
	No	Male	14.5	4.4	7.4	11.3	8.9	5,162	1,940	73	321	7,496
		Female	13.5	4.1	7.7	11.4	8.8	3,647	1,192	55	315	5,209
		All	14.1	4.3	7.5	11.3	8.9	8,809	3,132	128	636	12,705
	All	Male	11.9	4.2	5.4	8.6	8.1	7,681	2,651	156	421	10,909
		Female	10.2	3.4	4.2	8.3	6.8	5,039	1,706	116	362	7,223
		All	11.2	3.9	4.8	8.5	7.5	12,720	4,357	272	783	18,132
60+	Yes	Male	1.9	1.2	2.1	1.7	1.7	1,067	343	43	71	1,524
		Female	0.8	0.5	0.7	0.7	0.7	540	266	24	36	866
		All	1.3	0.8	1.2	1.1	1.1	1,607	609	67	107	2,390
	No	Male	2.5	1.5	2.4	2.3	2.2	2,720	635	25	123	3,503
		Female	2.0	0.9	0.9	1.6	1.6	1,616	421	11	86	2,134
		All	2.3	1.1	1.6	1.9	1.9	4,336	1,056	36	209	5,637
	All	Male	2.3	1.4	2.2	2.0	2.0	3,787	978	68	194	5,027
		Female	1.5	0.7	0.7	1.2	1.2	2,156	687	35	122	3,000
		All	1.9	1.0	1.3	1.6	1.6	5,943	1,665	103	316	8,027
All	Yes	Male	6.2	2.8	3.4	3.0	4.9	6,066	1,423	150	203	7,842
		Female	3.9	1.5	1.8	1.6	2.8	3,683	1,142	107	112	5,044
		All	5.1	2.0	2.5	2.3	3.7	9,749	2,565	257	315	12,886
	No	Male	8.8	4.3	6.8	8.4	6.9	15,296	5,467	208	936	21,907
		Female	8.0	3.4	5.6	8.0	6.1	10,486	3,645	160	879	15,170
		All	8.4	3.9	6.2	8.2	6.6	25,782	9,112	368	1,815	37,077
	All	Male	7.8	3.9	4.8	6.4	6.3	21,362	6,890	358	1,139	29,749
		Female	6.3	2.6	3.0	5.5	4.7	14,169	4,787	267	991	20,214
		All	7.1	3.3	3.9	5.9	5.5	35,531	11,677	625	2,130	49,963

Age is calculated as of December 31 of the year.

Patients with unknown gender, or of race other than white, black, Native American, or Asian are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.20 (continued)

Renal Transplant Rates: by Transplant Type

per 100 patient years on dialysis, 1997-2000 combined, by age, diabetic status, gender, & race

CADAVERIC FIRST TRANSPLANTS			Rate					Count				
Age	Diabetic	Gender	White	Black	Native American	Asian	All	White	Black	Native American	Asian	All
0-17	Yes	Male	4.9	.	.	*	3.2	1	.	.	*	1
		Female	.	.	*	*	.	.	.	*	*	.
		All	2.1	.	*	*	1.0	1	.	*	*	1
	No	Male	16.1	14.7	18.3	10.8	15.5	182	82	6	9	279
		Female	13.6	7.5	18.7	15.6	11.8	141	41	5	14	201
		All	14.9	11.1	18.5	13.3	13.7	323	123	11	23	480
	All	Male	15.9	14.4	18.3	10.4	15.2	183	82	6	9	280
		Female	13.2	7.0	18.4	15.1	11.4	141	41	5	14	201
		All	14.6	10.7	18.4	12.8	13.3	324	123	11	23	481
18-29	Yes	Male	13.0	4.0	17.9	.	9.4	77	16	1	.	94
		Female	12.2	3.8	0.0	7.0	8.0	84	23	.	2	109
		All	12.6	3.9	2.6	4.9	8.6	161	39	1	2	203
	No	Male	5.7	2.8	2.6	5.6	4.2	272	157	4	32	465
		Female	5.7	2.0	3.4	4.5	3.7	219	94	6	26	345
		All	5.7	2.4	3.0	5.1	4.0	491	251	10	58	810
	All	Male	6.5	2.9	3.2	5.5	4.6	349	173	5	32	559
		Female	6.7	2.2	2.8	4.6	4.3	303	117	6	28	454
		All	6.6	2.6	3.0	5.1	4.5	652	290	11	60	1,013
30-44	Yes	Male	7.2	2.1	0.8	1.6	5.4	703	92	3	6	804
		Female	8.3	2.0	1.6	2.6	5.4	509	88	6	8	611
		All	7.6	2.0	1.2	2.0	5.4	1,212	180	9	14	1,415
	No	Male	5.5	1.5	2.2	3.8	3.0	879	399	15	63	1,356
		Female	5.3	1.5	1.2	4.8	3.1	616	281	6	79	982
		All	5.4	1.5	1.8	4.3	3.0	1,495	680	21	142	2,338
	All	Male	6.1	1.6	1.7	3.4	3.6	1,582	491	18	69	2,160
		Female	6.4	1.6	1.4	4.4	3.7	1,125	369	12	87	1,593
		All	6.2	1.6	1.5	3.9	3.6	2,707	860	30	156	3,753
45-59	Yes	Male	2.4	0.9	0.8	1.0	1.8	674	165	16	20	875
		Female	1.8	0.6	0.6	1.0	1.2	395	112	13	16	536
		All	2.2	0.7	0.7	1.0	1.5	1,069	277	29	36	1,411
	No	Male	4.3	1.3	2.2	3.2	2.6	1,305	492	19	76	1,892
		Female	4.1	1.2	2.6	3.3	2.6	940	307	17	78	1,342
		All	4.2	1.2	2.4	3.2	2.6	2,245	799	36	154	3,234
	All	Male	3.4	1.2	1.3	2.2	2.3	1,979	657	35	96	2,767
		Female	3.0	0.9	1.1	2.4	1.9	1,335	419	30	94	1,878
		All	3.2	1.0	1.2	2.3	2.1	3,314	1,076	65	190	4,645
60+	Yes	Male	0.4	0.3	0.4	0.2	0.4	242	79	8	8	337
		Female	0.2	0.1	0.1	0.1	0.1	117	50	2	7	176
		All	0.3	0.2	0.2	0.2	0.2	359	129	10	15	513
	No	Male	0.7	0.4	0.7	0.7	0.6	724	166	7	35	932
		Female	0.6	0.2	0.3	0.4	0.4	435	93	4	19	551
		All	0.6	0.3	0.5	0.5	0.5	1,159	259	11	54	1,483
	All	Male	0.6	0.4	0.5	0.5	0.5	966	245	15	43	1,269
		Female	0.4	0.1	0.1	0.2	0.3	552	143	6	26	727
		All	0.5	0.2	0.3	0.3	0.4	1,518	388	21	69	1,996
All	Yes	Male	1.8	0.7	0.7	0.5	1.4	1,697	352	28	34	2,111
		Female	1.2	0.4	0.4	0.5	0.8	1,105	273	21	33	1,432
		All	1.5	0.5	0.5	0.5	1.1	2,802	625	49	67	3,543
	No	Male	2.1	1.1	1.9	2.1	1.7	3,362	1,296	51	215	4,924
		Female	2.0	0.8	1.5	2.2	1.5	2,351	816	38	216	3,421
		All	2.1	1.0	1.7	2.2	1.6	5,713	2,112	89	431	8,345
	All	Male	2.0	1.0	1.1	1.5	1.6	5,059	1,648	79	249	7,035
		Female	1.6	0.6	0.7	1.5	1.2	3,456	1,089	59	249	4,853
		All	1.8	0.8	0.9	1.5	1.4	8,515	2,737	138	498	11,888

Age is calculated as of December 31 of the year.

Patients with unknown gender, or of race other than white, black, Native American, or Asian are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.20 (continued)

Renal Transplant Rates: by Transplant Type

per 100 patient years on dialysis, 1997-2000 combined, by age, diabetic status, gender, & race

ALL LIVING DONOR TRANSPLANTS			Rate					Count				
Age	Diabetic	Gender	White	Black	Native American	Asian	All	White	Black	Native American	Asian	All
0-17	Yes	Male	.	.	.	*	.	.	.	.	.	*
		Female	3.8	.	*	*	1.5	1	.	*	*	1
		All	2.0	.	*	*	1.0	1	.	*	*	1
	No	Male	29.0	10.1	12.1	13.6	22.1	444	78	5	14	541
		Female	24.3	8.6	9.5	7.1	18.3	315	56	3	7	381
		All	26.8	9.4	11.0	10.4	20.3	759	134	8	21	922
	All	Male	28.5	9.9	12.1	13.2	21.7	444	78	5	14	541
		Female	23.9	8.1	9.4	6.9	17.8	316	56	3	7	382
		All	26.4	9.1	10.9	10.1	19.9	760	134	8	21	923
18-29	Yes	Male	7.0	0.9	.	.	4.5	45	4	.	.	49
		Female	7.8	1.3	.	.	4.6	59	8	.	.	67
		All	7.4	1.1	.	.	4.6	104	12	.	.	116
	No	Male	10.7	2.0	2.9	4.6	6.2	766	145	6	31	948
		Female	9.3	1.8	2.0	4.3	5.4	540	106	5	31	682
		All	10.1	1.9	2.4	4.4	5.9	1,306	251	11	62	1,630
	All	Male	10.4	2.0	2.7	4.5	6.1	811	149	6	31	997
		Female	9.1	1.8	1.8	4.1	5.4	599	114	5	31	749
		All	9.8	1.9	2.2	4.3	5.8	1,410	263	11	62	1,746
30-44	Yes	Male	3.6	0.7	2.0	1.8	2.7	394	34	8	7	443
		Female	4.3	0.5	0.8	0.9	2.6	306	24	3	3	336
		All	3.9	0.6	1.4	1.4	2.7	700	58	11	10	779
	No	Male	5.6	0.6	1.5	2.6	2.7	1,252	200	12	54	1,518
		Female	5.5	0.8	1.0	2.7	2.8	885	172	6	54	1,117
		All	5.5	0.7	1.3	2.6	2.7	2,137	372	18	108	2,635
	All	Male	4.9	0.7	1.7	2.5	2.7	1,646	234	20	61	1,961
		Female	5.1	0.8	0.9	2.4	2.8	1,191	196	9	57	1,453
		All	5.0	0.7	1.3	2.4	2.7	2,837	430	29	118	3,414
45-59	Yes	Male	1.5	0.3	0.6	0.5	1.0	449	60	11	10	530
		Female	1.2	0.3	0.5	0.3	0.8	270	64	11	5	350
		All	1.4	0.3	0.6	0.4	0.9	719	124	22	15	880
	No	Male	3.3	0.4	0.9	1.1	1.6	1,180	158	9	32	1,379
		Female	3.3	0.4	0.8	1.4	1.8	887	112	6	40	1,045
		All	3.3	0.4	0.9	1.3	1.7	2,067	270	15	72	2,424
	All	Male	2.5	0.3	0.7	0.9	1.4	1,629	218	20	42	1,909
		Female	2.3	0.4	0.6	1.0	1.3	1,157	176	17	45	1,395
		All	2.4	0.4	0.7	0.9	1.4	2,786	394	37	87	3,304
60+	Yes	Male	0.2	0.1	0.2	0.1	0.2	126	28	4	4	162
		Female	0.1	0.1	0.1	.	0.1	67	31	4	1	103
		All	0.2	0.1	0.1	0.1	0.1	193	59	8	5	265
	No	Male	0.4	0.1	0.5	0.3	0.3	446	47	5	14	512
		Female	0.3	0.1	.	0.3	0.2	249	45	.	14	308
		All	0.4	0.1	0.2	0.3	0.3	695	92	5	28	820
	All	Male	0.3	0.1	0.3	0.2	0.3	572	75	9	18	674
		Female	0.2	0.1	0.1	0.1	0.2	316	76	4	15	411
		All	0.3	0.1	0.2	0.2	0.2	888	151	13	33	1,085
All	Yes	Male	1.0	0.2	0.5	0.3	0.7	1,014	126	23	21	1,184
		Female	0.7	0.2	0.3	0.1	0.5	703	127	18	9	857
		All	0.9	0.2	0.4	0.2	0.6	1,717	253	41	30	2,041
	No	Male	2.3	0.5	1.2	1.3	1.6	4,088	628	37	145	4,898
		Female	2.2	0.5	0.7	1.3	1.4	2,876	491	20	146	3,533
		All	2.3	0.5	1.0	1.3	1.5	6,964	1,119	57	291	8,431
	All	Male	1.9	0.4	0.8	0.9	1.3	5,102	754	60	166	6,082
		Female	1.6	0.3	0.4	0.9	1.0	3,579	618	38	155	4,390
		All	1.7	0.4	0.6	0.9	1.2	8,681	1,372	98	321	10,472

Age is calculated as of December 31 of the year.

Patients with unknown gender, or of race other than white, black, Native American, or Asian are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.21

Renal Transplant Rates, by ESRD Network & Race: All Transplants

per 100 patient years on dialysis

ESRD Network	Race	Transplant rate					Transplant count						
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
1 CT, MA, ME, NH, RI, VT	White	7.1	7.0	7.0	7.0	6.3	6.2	415	436	457	470	438	444
	Black	5.4	6.6	5.6	4.7	4.3	3.9	69	96	88	76	74	71
	Native American	6.2	3.9	7.2	0.0	10.5	7.0	2	1	2	.	3	2
	Asian	11.5	5.2	9.2	7.5	8.1	11.5	15	8	16	13	14	21
	All	6.8	6.9	6.8	6.5	5.9	5.9	501	541	563	559	529	538
2 NY	White	6.7	6.5	6.2	6.6	6.2	5.8	451	467	468	541	538	533
	Black	3.6	2.6	3.0	2.7	3.0	2.6	204	160	199	185	221	201
	Native American	5.5	3.0	5.8	3.8	4.5	4.2	6	4	8	5	6	6
	Asian	5.8	7.9	5.6	4.2	5.9	4.5	24	39	30	25	39	32
	All	5.3	4.8	4.7	4.8	4.8	4.4	685	670	705	756	804	772
3 NJ, PR, VI	White	4.9	5.1	5.3	5.4	6.1	5.7	266	285	306	310	363	354
	Black	2.6	2.9	3.3	3.2	2.7	3.8	77	91	107	112	100	145
	Native American	.	.	.	3.2	.	3.2	.	.	.	1	.	1
	Asian	9.4	5.2	7.5	10.4	10.2	7.2	18	11	17	24	25	20
	All	4.2	4.3	4.6	4.7	4.9	5.0	361	387	430	447	488	520
4 PA	White	8.0	7.8	7.8	7.5	7.6	6.8	463	487	523	511	535	508
	Black	5.6	5.6	4.5	4.4	4.6	4.2	185	201	171	178	191	182
	Native American	4.7	13.6	22.6	13.8	13.5	4.0	1	3	5	3	3	1
	Asian	9.0	11.3	7.9	17.0	6.5	13.4	10	12	9	18	8	17
	All	7.2	7.1	6.6	6.5	6.5	5.9	659	703	708	710	737	708
5 MD, DC, VA, WV	White	9.2	8.5	9.1	9.5	9.5	8.6	352	400	434	485	503	487
	Black	4.3	4.2	3.8	4.1	4.3	4.2	293	337	319	360	400	406
	Native American	10.4	0.0	7.3	11.6	2.0	11.4	4	.	3	5	1	6
	Asian	12.0	8.1	10.1	6.2	10.5	12.8	21	19	24	17	29	37
	All	6.2	5.8	5.8	6.1	6.3	6.0	670	756	780	867	933	936
6 NC, SC, GA	White	8.0	7.1	7.1	7.6	6.3	7.0	396	375	398	455	397	475
	Black	2.7	2.8	2.6	2.4	2.5	2.3	316	348	343	338	376	372
	Native American	3.5	2.4	2.8	2.8	1.1	4.3	6	12	16	14	5	17
	Asian	8.9	8.4	8.2	7.9	5.1	9.8	11	28	29	23	13	23
	All	4.3	4.1	4.0	4.0	3.6	3.8	729	763	786	830	791	887
7 FL	White	6.9	5.9	6.7	6.1	6.6	6.0	426	384	443	439	503	474
	Black	3.8	4.2	3.6	3.5	3.1	3.1	151	190	192	192	176	176
	Native American	2.8	8.9	7.8	4.4	12.1	7.5	1	4	4	2	5	3
	Asian	9.0	8.1	6.2	7.1	9.1	9.0	12	12	10	13	18	19
	All	5.7	5.3	5.4	5.0	5.2	4.8	590	590	649	646	702	672
8 TN, AL, MS	White	8.4	8.3	7.1	7.7	6.9	6.9	309	331	309	356	337	363
	Black	3.5	3.1	2.7	2.6	2.6	2.6	234	226	212	215	226	238
	Native American	8.3	2.0	3.8	1.7	5.0	1.7	3	1	2	1	3	1
	Asian	12.3	6.6	10.4	9.2	4.1	6.9	6	4	7	6	3	5
	All	5.3	4.9	4.3	4.4	4.1	4.2	552	562	530	578	569	607
9 OH, IN, KY	White	8.7	7.9	7.5	7.5	6.5	6.9	659	664	675	735	676	779
	Black	5.2	4.0	4.5	3.8	3.1	3.3	233	203	239	218	184	208
	Native American	16.9	3.6	6.3	10.9	3.5	9.0	5	1	2	3	1	3
	Asian	12.6	6.4	15.7	14.9	10.9	9.0	11	6	16	16	12	11
	All	7.5	6.4	6.4	6.2	5.3	5.6	908	874	932	972	873	1,001
10 IL	White	8.6	8.0	7.8	7.5	7.0	6.8	400	397	407	403	396	423
	Black	5.2	4.5	3.9	4.0	3.5	3.5	193	178	165	179	161	168
	Native American	9.6	2.0	0.0	9.8	8.0	3.6	5	1	.	3	2	1
	Asian	11.2	7.3	10.9	8.8	8.3	8.3	19	14	23	20	20	22
	All	7.2	6.4	6.1	6.0	5.5	5.4	617	590	595	605	579	614
11 ND, SD, MN, WI	White	10.7	10.9	10.2	10.4	9.7	9.9	787	864	870	929	899	955
	Black	5.5	5.0	4.9	3.8	3.6	3.2	199	203	212	172	173	159
	Native American	6.6	9.4	5.1	5.2	6.3	5.2	22	36	20	22	29	26
	Asian	14.6	9.1	11.7	8.4	11.1	14.6	26	19	26	19	28	39
	All	9.0	8.9	8.4	8.1	7.7	7.7	1,034	1,122	1,128	1,142	1,129	1,179
12 NE, IA, KS, MO	White	8.9	7.7	7.7	7.8	8.2	8.3	424	398	419	451	496	547
	Black	4.6	3.5	3.5	3.9	3.4	3.7	94	77	84	97	89	104
	Native American	7.2	6.7	7.1	5.7	5.8	5.3	7	8	9	7	7	6
	Asian	9.7	8.6	8.0	16.6	8.1	8.9	7	7	8	15	8	10
	All	7.6	6.5	6.5	6.7	6.7	6.9	532	490	520	570	600	667
13 OK, AR, LA	White	8.2	7.4	7.0	6.4	6.6	5.9	261	253	257	246	270	258
	Black	4.3	3.2	2.7	2.4	2.2	2.9	173	146	133	127	125	175
	Native American	4.9	3.8	2.7	2.9	3.3	2.6	15	13	10	12	15	13
	Asian	9.0	6.3	6.3	6.9	9.0	2.5	6	4	4	5	7	2
	All	6.0	5.0	4.5	4.0	4.0	4.1	455	416	404	390	417	448

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.
 "." Zero values in this cell.

Table F.21 (continued)

Renal Transplant Rates, by ESRD Network & Race: All Transplants

per 100 patient years on dialysis

ESRD Network	Race	Transplant rate						Transplant count					
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
14 TX	White	6.9	6.2	5.8	6.2	5.5	5.7	596	585	585	671	632	711
	Black	3.8	4.2	3.1	3.3	2.8	2.6	173	210	164	187	172	167
	Native American	8.9	10.7	3.4	1.3	4.5	4.0	5	6	2	1	15	12
	Asian	7.8	8.5	8.1	6.6	6.5	7.8	20	23	23	21	28	35
	All	5.9	5.6	4.9	5.2	4.6	4.7	794	824	774	880	847	925
15 AZ, CO, NV, NM, UT, WY	White	9.1	7.9	7.6	8.1	7.5	7.5	472	438	462	523	516	543
	Black	6.7	5.8	5.7	3.9	4.6	2.7	46	44	47	35	44	27
	Native American	3.2	3.1	1.8	2.6	2.8	2.7	33	35	22	35	40	41
	Asian	5.4	10.8	9.6	7.3	7.3	6.2	9	21	21	17	19	18
	All	7.9	7.0	6.6	6.8	6.5	6.2	560	538	552	610	619	629
16 AK, ID, MT, OR, WA	White	9.1	9.7	8.1	8.8	8.3	10.0	350	390	346	391	383	477
	Black	4.6	7.8	4.5	3.9	5.4	5.8	21	39	24	22	32	35
	Native American	6.5	5.9	6.3	6.3	7.4	7.5	12	12	14	15	19	21
	Asian	9.0	6.3	6.2	9.9	5.9	8.1	23	20	22	39	25	37
	All	8.6	9.2	7.6	8.3	7.8	9.3	406	461	406	467	459	570
17 N. CA, HI, AS, Guam	White	8.3	7.4	7.6	7.1	6.1	5.9	356	333	359	355	324	332
	Black	4.4	4.3	3.6	3.4	2.2	2.6	71	72	64	66	44	55
	Native American	6.7	7.5	5.3	5.8	4.8	4.0	9	10	7	8	7	6
	Asian	4.4	4.6	4.4	3.8	3.8	3.0	101	120	123	116	122	104
	All	6.4	6.0	5.8	5.4	4.7	4.4	537	535	553	545	497	497
18 Southern CA	White	6.4	6.0	6.0	6.2	5.1	5.7	512	534	569	618	542	637
	Black	4.4	4.0	3.4	3.0	2.9	3.1	117	116	104	95	99	105
	Native American	5.0	3.7	8.3	2.7	6.1	4.5	10	7	14	4	9	7
	Asian	6.2	5.8	5.3	5.5	4.5	4.9	93	98	97	110	98	114
	All	5.9	5.5	5.3	5.4	4.6	5.1	732	755	784	827	748	863
Unknown network	White	61.2	43.4	68.0	88.8	125.8	296.1	38	25	36	55	69	147
	Black	97.2	46.3	73.1	75.9	97.2	212.0	10	6	12	16	15	32
	Native American	.	.	.	.	*	.	.	.	.	.	*	.
	Asian	17.8	7.4	12.3	44.3	26.6	75.7	3	1	2	9	4	11
	All	57.2	38.1	58.4	77.4	104.3	239.7	51	32	50	80	89	190
All	White	7.9	7.5	7.3	7.4	6.9	7.0	7,933	8,046	8,323	8,944	8,817	9,447
	Black	4.1	3.8	3.5	3.3	3.1	3.1	2,859	2,943	2,879	2,870	2,902	3,026
	Native American	5.1	4.4	3.7	3.7	4.0	4.0	146	154	140	141	171	173
	Asian	6.8	6.3	6.3	6.1	5.6	5.8	435	466	507	526	520	577
	All	6.3	5.9	5.7	5.6	5.3	5.4	11,373	11,609	11,849	12,481	12,410	13,223

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.22

Renal Transplant Rates, by ESRD Network & Race: Cadaveric First Transplants

per 100 patient years on dialysis

ESRD Network	Race	Transplant rate						Transplant count					
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
1 CT, MA, ME, NH, RI, VT	White	3.9	3.7	3.5	3.4	2.9	2.4	212	212	214	213	191	158
	Black	2.6	3.7	3.4	3.3	2.8	2.6	31	49	49	50	45	43
	Native American	3.3	4.0	7.4	.	10.9	.	1	1	2	.	3	.
	Asian	8.7	4.0	6.0	4.8	7.4	7.0	11	6	10	8	12	12
	All	3.7	3.7	3.6	3.4	3.0	2.5	255	268	275	271	251	213
2 NY	White	4.4	4.4	4.0	4.1	3.6	3.0	275	291	280	310	291	255
	Black	2.8	1.9	2.2	1.7	2.0	1.7	147	108	137	109	140	123
	Native American	4.8	1.6	6.1	2.5	2.4	3.7	5	2	8	3	3	5
	Asian	3.6	6.0	3.7	3.3	3.8	2.8	14	28	19	18	24	19
	All	3.7	3.3	3.2	3.0	2.9	2.4	441	429	444	440	458	402
3 NJ, PR, VI	White	3.4	3.3	3.2	3.2	3.2	3.2	176	176	173	173	180	186
	Black	2.2	2.3	2.5	2.4	1.7	2.1	61	68	77	78	61	78
	Native American	.	.	.	.	.	.	.	.	.	.	.	.
	Asian	7.5	4.7	6.8	8.6	7.2	2.0	13	9	14	18	16	5
	All	3.1	3.0	3.0	3.0	2.7	2.7	250	253	264	269	257	269
4 PA	White	5.7	5.7	5.5	5.2	5.4	4.2	303	328	338	334	355	290
	Black	4.4	4.6	3.6	3.6	3.6	3.0	137	153	129	133	140	120
	Native American	.	5.7	17.7	6.5	10.7	.	.	1	3	1	2	.
	Asian	8.5	8.0	4.1	12.7	3.7	10.0	8	7	4	12	4	11
	All	5.2	5.3	4.8	4.7	4.7	3.8	448	489	474	480	501	421
5 MD, DC, VA, WV	White	6.1	6.0	5.4	5.0	4.8	3.8	213	234	235	235	237	201
	Black	3.0	3.2	2.7	2.7	2.6	2.3	191	231	209	224	223	206
	Native American	8.7	.	5.5	10.1	2.3	6.4	3	.	2	4	1	3
	Asian	7.5	6.4	7.5	2.0	5.4	6.0	12	12	16	5	14	16
	All	4.2	4.3	3.8	3.5	3.4	2.9	419	477	462	468	475	426
6 NC, SC, GA	White	4.6	4.5	4.4	4.5	3.5	4.0	208	219	228	248	208	254
	Black	2.1	2.1	2.1	1.9	1.8	1.9	225	248	260	245	255	285
	Native American	1.2	1.9	2.1	1.4	0.7	4.3	2	9	12	7	3	16
	Asian	5.4	6.0	5.4	6.7	4.2	5.1	6	19	18	18	10	11
	All	2.8	2.8	2.8	2.7	2.3	2.6	441	495	518	518	476	566
7 FL	White	5.1	4.1	4.8	4.0	4.5	4.1	293	253	296	273	323	302
	Black	3.3	3.2	3.0	3.1	2.5	2.6	123	138	153	160	134	143
	Native American	.	7.5	4.5	5.2	11.6	6.3	.	3	2	2	4	2
	Asian	5.9	6.9	4.2	6.8	7.3	7.4	7	9	6	11	13	14
	All	4.4	3.8	4.0	3.6	3.7	3.5	423	403	457	446	474	461
8 TN, AL, MS	White	5.7	5.3	4.0	4.1	3.8	3.7	195	195	161	179	172	182
	Black	3.0	2.5	2.0	2.1	2.0	2.1	188	172	147	164	167	181
	Native American	5.9	2.3	2.0	1.9	5.5	1.8	2	1	1	1	3	1
	Asian	7.2	1.9	5.2	5.2	1.6	4.8	3	1	3	3	1	3
	All	4.0	3.5	2.7	2.8	2.7	2.7	388	369	312	347	343	367
9 OH, IN, KY	White	5.9	5.6	5.0	5.1	4.0	3.8	412	430	419	462	387	403
	Black	4.1	3.4	3.6	3.2	2.4	2.5	170	159	177	170	131	143
	Native American	19.8	4.8	3.8	13.3	4.2	6.6	5	1	1	3	1	2
	Asian	8.2	3.9	14.8	13.2	8.2	3.7	6	3	13	12	8	4
	All	5.3	4.8	4.6	4.5	3.4	3.4	593	593	610	647	527	552
10 IL	White	5.5	4.8	5.2	4.7	4.2	3.8	235	223	252	237	226	221
	Black	4.3	3.8	2.9	2.8	2.4	2.8	147	140	113	117	105	123
	Native American	6.4	2.1	.	7.3	9.1	4.6	3	1	.	2	2	1
	Asian	10.4	4.1	6.7	6.2	5.3	7.0	16	7	13	13	12	17
	All	5.1	4.4	4.2	3.9	3.5	3.4	401	371	378	369	345	362
11 ND, SD, MN, WI	White	6.2	5.4	5.1	5.3	4.6	4.1	415	396	404	436	401	365
	Black	3.8	2.9	3.2	2.7	2.6	1.9	128	109	128	112	115	90
	Native American	3.5	5.3	2.4	3.8	3.7	3.4	11	19	9	15	16	16
	Asian	11.0	5.7	7.8	6.2	5.6	9.5	18	11	16	13	13	23
	All	5.4	4.6	4.5	4.4	4.0	3.5	572	535	557	576	545	494
12 NE, IA, KS, MO	White	5.6	5.2	4.8	4.9	4.7	4.4	247	247	242	261	265	262
	Black	3.3	2.5	2.6	3.3	2.6	2.7	63	52	58	75	65	70
	Native American	4.2	2.5	5.0	5.1	4.4	3.0	4	3	6	6	5	3
	Asian	6.1	6.5	6.5	9.6	4.5	3.9	4	5	6	8	4	4
	All	4.9	4.4	4.2	4.5	4.1	3.9	318	307	312	350	339	339
13 OK, AR, LA	White	5.4	4.8	4.6	3.9	4.1	3.3	160	151	157	139	157	133
	Black	3.5	2.7	2.2	1.8	1.7	2.2	130	113	102	90	91	121
	Native American	3.7	3.3	1.7	1.8	2.5	2.1	11	11	6	7	11	10
	Asian	6.8	5.3	5.4	4.6	4.3	2.8	4	3	3	3	3	2
	All	4.3	3.6	3.2	2.6	2.7	2.6	305	278	268	239	262	266

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.
 "." Zero values in this cell.

Table F.22 (continued)

Renal Transplant Rates, by ESRD Network & Race: Cadaveric First Transplants*per 100 patient years on dialysis*

ESRD Network	Race	Transplant rate						Transplant count					
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
14 TX	White	4.9	4.2	4.0	3.8	3.7	3.3	392	363	378	390	401	379
	Black	3.1	3.4	2.6	2.7	2.2	1.9	129	158	128	142	123	114
	Native American	5.5	10.9	3.5	1.3	2.2	2.4	3	6	2	1	7	7
	Asian	8.0	7.7	6.9	5.7	4.9	5.2	18	18	17	16	19	21
	All	4.3	4.0	3.6	3.5	3.2	2.9	542	545	525	549	550	521
15 AZ, CO, NV, NM, UT, WY	White	6.5	5.0	4.4	4.5	3.9	3.7	308	252	245	270	248	248
	Black	4.3	5.3	4.7	2.8	3.4	1.4	27	36	35	23	30	13
	Native American	2.5	2.7	1.2	1.8	1.8	2.3	24	29	14	24	25	34
	Asian	4.1	8.0	7.5	4.6	4.5	2.6	6	14	15	10	11	7
	All	5.6	4.7	4.0	3.9	3.5	3.2	365	331	309	327	314	302
16 AK, ID, MT, OR, WA	White	5.8	6.8	4.6	4.7	4.7	5.3	201	245	177	190	197	233
	Black	4.0	4.5	3.2	3.3	3.8	3.6	17	21	16	17	21	20
	Native American	3.5	2.2	2.9	3.2	3.3	3.4	6	4	6	7	8	9
	Asian	5.9	5.7	4.5	8.6	4.7	5.8	14	17	15	32	19	25
	All	5.5	6.3	4.4	4.7	4.5	5.1	238	287	214	246	245	287
17 N. CA, HI, AS, Guam	White	5.4	4.4	4.8	4.3	3.7	3.0	210	181	207	199	180	157
	Black	3.7	3.2	2.6	2.8	1.6	1.5	54	49	43	50	29	29
	Native American	1.6	4.0	3.2	5.4	2.2	2.8	2	5	4	7	3	4
	Asian	3.4	4.0	3.5	3.0	2.9	2.1	73	97	92	88	89	68
	All	4.4	4.1	3.9	3.7	3.1	2.4	339	332	346	344	301	258
18 Southern CA	White	4.0	3.6	3.6	4.0	3.1	3.1	298	296	324	372	313	326
	Black	3.5	3.0	2.3	2.1	2.0	2.2	86	82	68	62	65	68
	Native American	2.7	2.7	6.2	1.4	4.9	2.0	5	5	10	2	7	3
	Asian	4.8	4.0	3.7	3.5	3.2	2.9	68	64	64	67	66	63
	All	4.0	3.5	3.4	3.5	2.9	2.9	457	447	466	503	451	460
Unknown network	White	1.9	2.0	6.5	5.5	2.0	8.4	1	1	3	3	1	4
	Black	37.8	19.9	.	11.7	14.9	.	2	1	.	2	2	.
	Native American	.	.	.	.	*	.	.	.	.	.	*	.
	Asian	.	.	.	.	15.3	.	.	.	.	.	2	.
	All	4.2	3.0	4.3	5.6	6.6	5.6	3	2	3	5	5	4
All	White	5.1	4.7	4.5	4.4	4	3.6	4,754	4,693	4,733	4,924	4,733	4,559
	Black	3.1	2.9	2.6	2.5	2.2	2.2	2,056	2,087	2,029	2,023	1,942	1,970
	Native American	3.2	3.0	2.5	2.5	2.6	2.8	87	101	88	92	104	116
	Asian	5.1	4.8	4.6	4.4	3.9	3.5	301	330	344	355	340	325
	All	4.3	4.0	3.7	3.6	3.3	3.0	7,198	7,211	7,194	7,394	7,119	6,970

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.23

Renal Transplant Rates, by ESRD Network & Race: Living Donor Transplants

per 100 patient years on dialysis

ESRD Network	Race	Transplant rate						Transplant count					
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
1 CT, MA, ME, NH, RI, VT	White	2.8	3.0	3.0	3.2	2.9	3.0	164	184	196	218	205	211
	Black	2.4	2.6	1.9	1.2	1.0	1.3	31	37	30	19	17	23
	Native American	.	.	.	.	.	3.5	.	.	.	.	.	1
	Asian	3.1	1.3	3.5	2.9	1.2	4.9	4	2	6	5	2	9
	All	2.7	2.8	2.8	2.8	2.5	2.7	199	223	232	242	224	244
2 NY	White	2.0	1.8	2.0	2.3	2.1	2.4	137	130	149	185	182	216
	Black	0.7	0.6	0.7	0.7	0.8	0.8	41	40	49	49	58	59
	Native American	.	1.5	.	1.5	1.5	0.7	.	2	.	2	2	1
	Asian	2.4	1.4	1.7	1.2	1.7	1.7	10	7	9	7	11	12
	All	1.5	1.3	1.4	1.5	1.5	1.6	188	179	207	243	253	288
3 NJ, PR, VI	White	1.3	1.6	1.8	1.9	2.5	2.1	71	87	102	108	150	133
	Black	0.3	0.5	0.6	0.7	0.7	1.3	10	15	20	23	24	49
	Native American	.	.	.	.	.	3.2	.	.	.	.	.	1
	Asian	2.1	0.5	1.3	1.7	2.4	4.7	4	1	3	4	6	13
	All	1.0	1.1	1.4	1.4	1.8	1.9	85	103	125	135	180	196
4 PA	White	1.7	1.7	1.8	1.8	1.8	2.0	98	106	122	126	127	148
	Black	0.8	0.9	0.7	0.6	0.5	0.8	27	31	28	23	22	34
	Native American	4.7	4.5	4.5	4.6	.	.	1	1	1	1	.	.
	Asian	0.9	2.8	2.6	2.8	2.4	3.1	1	3	3	3	3	4
	All	1.4	1.4	1.4	1.4	1.3	1.6	127	141	154	153	152	186
5 MD, DC, VA, WV	White	2.8	3.1	3.4	4.0	4.2	4.1	106	144	164	205	223	232
	Black	1.2	1.0	1.0	1.3	1.5	1.4	80	83	80	113	139	136
	Native American	2.6	.	2.4	2.3	.	1.9	1	.	1	1	.	1
	Asian	4.0	2.6	3.4	3.7	5.4	5.9	7	6	8	10	15	17
	All	1.8	1.8	1.9	2.3	2.5	2.5	194	233	253	329	377	386
6 NC, SC, GA	White	2.9	2.4	2.4	2.8	2.4	2.5	142	125	134	167	154	168
	Black	0.6	0.6	0.5	0.5	0.6	0.4	68	81	62	69	83	61
	Native American	2.3	0.6	0.7	1.2	0.4	0.3	4	3	4	6	2	1
	Asian	4.0	2.4	2.6	1.4	0.8	3.4	5	8	9	4	2	8
	All	1.3	1.2	1.1	1.2	1.1	1.0	219	217	209	246	241	238
7 FL	White	1.6	1.4	1.6	1.7	1.8	1.5	96	93	105	121	137	120
	Black	0.5	0.9	0.6	0.4	0.6	0.3	19	40	32	24	34	18
	Native American	2.8	2.2	3.9	.	2.4	.	1	1	2	.	1	.
	Asian	3.7	0.7	2.5	0.5	1.0	1.4	5	1	4	1	2	3
	All	1.2	1.2	1.2	1.1	1.3	1.0	121	135	143	146	174	141
8 TN, AL, MS	White	2.6	2.7	2.9	3.2	3.0	2.6	95	109	126	146	146	138
	Black	0.6	0.6	0.6	0.4	0.5	0.4	38	41	46	34	45	34
	Native American	2.8	.	1.9	.	.	.	1	.	1	.	.	.
	Asian	2.0	3.3	4.5	3.1	2.8	1.4	1	2	3	2	2	1
	All	1.3	1.3	1.4	1.4	1.4	1.2	135	152	176	182	193	173
9 OH, IN, KY	White	2.2	2.2	2.3	2.1	2.0	2.5	167	182	204	202	212	279
	Black	0.9	0.7	0.8	0.5	0.5	0.8	42	35	45	30	28	48
	Native American	.	.	3.1	.	.	3.0	.	.	1	.	.	.
	Asian	3.4	2.1	2.0	3.7	1.8	4.1	3	2	2	4	2	5
	All	1.7	1.6	1.7	1.5	1.5	1.9	212	219	252	236	242	333
10 IL	White	2.9	2.6	2.3	2.6	2.1	2.2	133	131	120	139	121	134
	Black	0.8	0.6	0.9	1.1	0.8	0.6	31	24	37	49	35	29
	Native American	3.9	.	.	3.3	.	.	2	.	.	1	.	.
	Asian	1.2	2.6	3.3	3.1	3.3	1.5	2	5	7	7	8	4
	All	2.0	1.7	1.7	2.0	1.6	1.5	168	160	164	196	164	167
11 ND, SD, MN, WI	White	4.0	4.8	4.6	4.6	4.6	4.7	292	384	390	413	421	452
	Black	1.7	1.9	1.5	1.0	0.9	1.0	61	79	66	44	45	51
	Native American	3.0	3.9	2.3	1.4	2.8	1.6	10	15	9	6	13	8
	Asian	2.8	3.8	3.2	2.2	5.5	4.1	5	8	7	5	14	11
	All	3.2	3.9	3.5	3.3	3.3	3.4	368	486	472	468	493	522
12 NE, IA, KS, MO	White	2.9	2.2	2.6	2.5	3.2	3.3	139	114	142	144	192	220
	Black	1.0	1.0	0.7	0.6	0.7	0.8	21	23	16	14	19	22
	Native American	2.1	4.2	1.6	.	1.7	1.8	2	5	2	.	2	2
	Asian	4.2	2.4	2.0	6.6	3.0	4.5	3	2	2	6	3	5
	All	2.4	1.9	2.0	1.9	2.4	2.6	165	144	162	164	216	249
13 OK, AR, LA	White	2.4	2.3	2.3	2.4	2.3	2.2	77	77	84	91	94	97
	Black	0.7	0.6	0.4	0.5	0.5	0.6	28	26	20	25	26	37
	Native American	1.3	0.3	1.1	1.0	0.9	0.2	4	1	4	4	4	1
	Asian	3.0	1.6	.	2.8	3.9	.	2	1	.	2	3	.
	All	1.5	1.3	1.2	1.3	1.2	1.2	111	105	108	122	127	135

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.
 "." Zero values in this cell.

Table F.23 (continued)

Renal Transplant Rates, by ESRD Network & Race: Living Donor Transplants

per 100 patient years on dialysis

ESRD Network	Race	Transplant rate						Transplant count					
		1995	1996	1997	1998	1999	2000	1995	1996	1997	1998	1999	2000
14 TX	White	1.7	1.8	1.5	2.0	1.4	1.9	145	165	150	219	162	232
	Black	0.5	0.6	0.4	0.4	0.5	0.5	25	30	21	23	32	34
	Native American	3.6	.	.	.	2.1	1.3	2	.	.	.	7	4
	Asian	0.8	0.7	1.4	1.3	1.4	1.8	2	2	4	4	6	8
	All	1.3	1.3	1.1	1.4	1.1	1.4	174	197	175	246	207	278
15 AZ, CO, NV, NM, UT, WY	White	2.3	2.5	2.8	3.2	3.1	3.1	119	141	171	207	216	223
	Black	2.2	0.9	1.0	1.0	0.9	1.0	15	7	8	9	9	10
	Native American	0.7	0.4	0.6	0.4	0.8	0.3	7	5	7	5	12	5
	Asian	0.6	3.1	1.8	3.0	2.7	2.8	1	6	4	7	7	8
	All	2.0	2.1	2.3	2.5	2.6	2.4	142	159	190	228	244	246
16 AK, ID, MT, OR, WA	White	3.1	2.9	3.1	3.8	3.4	4.1	121	118	133	171	157	197
	Black	0.7	3.0	1.3	0.7	1.9	1.5	3	15	7	4	11	9
	Native American	3.2	4.0	2.7	3.0	2.7	3.9	6	8	6	7	7	11
	Asian	3.5	0.9	1.4	1.3	1.4	1.5	9	3	5	5	6	7
	All	2.9	2.9	2.8	3.3	3.1	3.7	139	144	151	187	181	224
17 N. CA, HI, AS, Guam	White	2.5	2.7	2.5	2.4	2.4	2.4	108	123	119	121	126	136
	Black	0.9	1.1	0.9	0.6	0.5	0.8	15	18	17	11	10	17
	Native American	3.0	3.0	2.3	0.7	2.0	1.3	4	4	3	1	3	2
	Asian	1.0	0.6	0.7	0.8	0.5	0.8	23	15	20	23	17	28
	All	1.8	1.8	1.7	1.5	1.5	1.6	150	160	159	156	156	183
18 Southern CA	White	1.9	2.1	2.1	1.9	1.6	1.7	157	185	196	193	173	196
	Black	0.9	0.9	0.8	0.8	0.8	0.7	25	26	26	26	26	24
	Native American	2.0	1.1	1.8	1.4	1.4	0.6	4	2	3	2	2	1
	Asian	1.3	1.7	1.3	1.8	1.0	1.3	20	29	24	36	21	30
	All	1.7	1.8	1.7	1.7	1.4	1.5	206	242	249	257	222	251
Unknown network	White	.	.	1.9	1.6	.	4.0	.	.	1	1	.	2
	Black	.	.	6.1	4.7	.	6.6	.	.	1	1	.	1
	Native American	.	.	.	.	*	.	.	.	.	.	*	.
	Asian	5.9	.	6.2	4.9	.	6.9	1	.	1	1	.	1
	All	1.1	.	3.5	2.9	.	5.0	1	.	3	3	.	4
All	White	2.4	2.4	2.5	2.6	2.5	2.6	2,367	2,598	2,808	3,177	3,198	3,534
	Black	0.8	0.8	0.7	0.7	0.7	0.7	580	651	611	590	663	696
	Native American	1.7	1.4	1.2	0.9	1.3	0.9	49	47	44	36	55	40
	Asian	1.7	1.4	1.5	1.6	1.4	1.7	108	103	121	136	130	174
	All	1.7	1.7	1.7	1.8	1.7	1.8	3,104	3,399	3,584	3,939	4,046	4,444

Patients with unknown gender, or race other than white, black, Native American, or Asian, are excluded.

*Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

Table F.24
Standardized First Renal Transplant Ratios
by state

	1998-2000	1998	1999	2000
Alabama	1.00	0.76	0.73	0.97
Alaska	1.04	0.79	1.36	1.26
Arizona	0.97	0.91	1.11	0.87
Arkansas	0.92	1.01	0.87	0.89
California	0.91	1.00	0.88	0.85
Colorado	1.29	1.22	1.25	1.39
Connecticut	1.00	0.99	1.01	1.02
Delaware	1.41	1.41	1.34	1.47
District of Columbia	0.41	0.29	0.45	0.50
Florida	0.95	0.88	1.04	0.93
Georgia	0.62	0.63	0.58	0.66
Hawaii	0.70	0.65	0.76	0.68
Idaho	2.08	1.91	2.06	2.29
Illinois	1.11	1.13	1.11	1.10
Indiana	1.06	1.17	0.92	1.09
Iowa	2.00	1.97	1.97	2.07
Kansas	1.09	1.09	1.14	1.03
Kentucky	1.12	1.23	1.14	1.00
Louisiana	0.60	0.54	0.58	0.68
Maine	1.76	1.42	1.87	2.02
Maryland	1.34	1.17	1.37	1.48
Massachusetts	1.48	1.53	1.54	1.37
Michigan	1.08	1.07	1.07	1.10
Minnesota	2.10	2.00	1.91	2.39
Mississippi	0.54	0.61	0.52	0.48
Missouri	1.25	1.29	1.21	1.25
Montana	1.85	1.60	1.52	2.39
Nebraska	1.40	1.38	1.32	1.50
Nevada	1.29	1.32	1.23	1.30
New Hampshire	1.73	2.66	1.21	1.31
New Jersey	1.04	0.93	1.09	1.11
New Mexico	0.83	0.77	0.77	0.94
New York	0.89	0.88	0.92	0.87
North Carolina	0.70	0.73	0.67	0.70
North Dakota	2.08	2.33	1.67	2.28
Ohio	1.22	1.24	1.14	1.28
Oklahoma	0.98	0.90	1.09	0.96
Oregon	1.31	1.05	1.47	1.44
Pennsylvania	1.28	1.25	1.35	1.23
Rhode Island	1.76	1.67	1.51	2.13
South Carolina	0.75	0.76	0.76	0.74
South Dakota	1.40	1.29	1.59	1.31
Tennessee	0.91	0.86	1.04	0.84
Texas	0.89	0.92	0.88	0.87
Utah	2.20	2.20	2.14	2.24
Vermont	1.87	1.57	1.81	2.29
Virginia	0.91	0.95	0.97	0.81
Washington	1.57	1.51	1.52	1.67
West Virginia	1.64	1.71	1.82	1.42
Wisconsin	1.87	1.95	1.84	1.84
Wyoming	1.45	1.51	0.60	2.20
Puerto Rico & Virgin Islands	0.58	0.63	0.52	0.58
All	1.00	1.00	1.00	1.00

Includes only dialysis patients who have reached day 91 of ESRD by the end of the year.

Table F.25

Mean Time in Days to First Renal Transplant: Cadaveric Donor*from first ESRD service day, by age, gender, race, ethnicity, & primary diagnosis*

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
0-17	337	368	424	399	463	474	461	500	516	493
18-29	574	646	607	594	716	697	788	850	898	955
30-44	675	699	742	758	761	762	808	909	910	1,000
45-59	744	817	781	773	829	835	907	963	960	1,028
60+	828	867	812	791	880	810	949	944	981	1,019
Male	658	723	722	724	760	761	823	888	908	981
Female	725	763	758	752	824	807	900	960	962	1,009
White	639	688	652	672	706	698	769	818	829	888
Black	852	918	994	969	1,025	1,016	1,128	1,204	1,235	1,360
Other	582	649	717	593	666	686	689	776	796	782
†Hispanic						884	987	1,040	1,133	1,160
†Non-Hispanic						765	839	903	905	973
Diabetes	521	549	571	629	641	634	678	729	756	836
Hypertension	808	843	896	911	970	958	1,049	1,168	1,198	1,276
Glomerulonephritis	832	883	865	824	900	923	959	1,044	1,050	1,090
Other	635	723	690	676	721	702	832	866	871	927
All	684	738	736	735	785	778	853	917	929	992

Table F.26

Mean Time in Days to First Transplant: Living Donor*from first ESRD service day, by age, gender, race, ethnicity, & primary diagnosis*

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
0-17	154	165	211	165	218	205	245	260	310	246
18-29	281	311	286	275	312	332	345	406	366	394
30-44	296	313	339	351	359	403	401	410	403	411
45-59	433	396	371	388	401	460	399	412	414	421
60+	441	394	517	464	408	515	482	448	417	471
Male	285	295	313	314	346	384	354	378	386	388
Female	321	330	350	338	349	400	420	430	405	429
White	292	291	311	299	322	359	345	361	367	368
Black	415	455	445	457	456	581	583	620	545	583
Other	202	243	326	341	398	385	403	413	390	414
†Hispanic						479	527	537	546	549
†Non-Hispanic						378	362	382	374	391
Diabetes	266	260	273	312	315	342	333	362	391	391
Hypertension	347	434	400	491	459	473	576	536	518	560
Glomerulonephritis	371	404	381	352	396	441	376	398	396	422
Other	262	250	301	268	294	356	349	378	357	352
All	300	310	329	324	347	391	381	400	394	404

Age is calculated as of the day of transplantation.

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, so Hispanic data in years prior to 1995 has been left blank.

Patients of unknown age, gender, race, or primary diagnosis are excluded.

