

**F** SECTION F  
Transplantation:  
Process

F

# Contents

- 499 F.1 **Renal transplants**  
*by reporting source*
- 499 F.2 **Renal transplants: recipients aged < 20**  
*by gender, race, donor type, number of transplants, & number of transplants by donor type*
- 500 F.3 **Renal transplants**  
*by gender, race, & number of transplants*
- 502 F.4 **Functioning grafts at year end**  
*by age of graft (years); all donors since 1977*
- 503 F.5 **Renal transplants**  
*by donor type & primary diagnosis*
- 504 F.6 **Renal transplants**  
*by state, 1998*
- 505 F.7 **Renal transplants**  
*by gender, race, & age, 1996-1998*
- 506 F.8 **Renal transplants**  
*by year, age, & donor type*
- 508 F.9 **Renal transplants**  
*by race & age, 1996-1998*
- 508 F.10 **Renal transplants**  
*by donor & recipient age at transplant, 1996-1998*
- 509 F.11 **Renal transplants**  
*by donor type, gender, race, & age, 1996-1998*
- 511 F.12 **Renal transplants**  
*by donor type, & donor race & recipient race, 1994-1998*
- 512 F.13 **Renal transplants: recipients aged < 20**  
*by donor & recipient age at transplant, 1994-1998*
- 512 F.14 **Source of cadaveric kidneys**
- 513 F.15 **Percent reactive antibodies (PRA)**
- 514 F.16 **Hepatitis B surface antigen (HBsAg) status**  
*by donor & recipient HBsAg status*
- 516 F.17 **Cytomegalovirus (CMV) antibody status**  
*by donor & recipient CMV status*
- 518 F.18 **Renal transplants**  
*by donor type, gender, & race, 1994 & 1998*
- 520 F.19 **Warm ischemia time (minutes)**  
*by number of transplants*

- 520 F.20 **Cold ischemia time (hours): cadaveric transplants**  
*by number of transplants*
- 521 F.21 **Renal transplants**  
*by recipient blood type, year of transplantation, & race, 1993 & 1998*
- 521 F.22 **Renal transplants**  
*by year of transplantation, number of transplants, & donor & recipient blood types*
- 523 F.23 **Renal transplants per 100 patient years on dialysis**  
*by transplant type & year of transplant*
- 526 F.24 **Ratios of patients ever transplanted to all patients**  
*by patient age*
- 526 F.25 **First transplant rates per 1,000 patient years at risk**  
*by recipient age on January 1<sup>st</sup> 1998*
- 527 F.26 **Transplant rates per 100 patient years on dialysis: all transplants**  
*by transplant type, recipient age, gender, & diabetic status, 1995-1998*
- 530 F.27 **Transplant rates per 100 patient years on dialysis: all transplants**  
*patients aged 0-19, by network & race*
- 532 F.28 **Transplant rates per 100 patient years on dialysis: all transplants**  
*patients aged 20-44, by network & race*
- 534 F.29 **Transplant rates per 100 patient years on dialysis: all transplants**  
*patients aged 45-64, by network & race*
- 536 F.30 **Transplant rates per 100 patient years on dialysis: all transplants**  
*patients aged 65 & over, by network & race*
- 538 F.31 **Transplant rates per 100 patient years on dialysis: cadaveric first transplant**  
*patients aged 0-19, by network & race*
- 540 F.32 **Transplant rates per 100 patient years on dialysis: cadaveric first transplant**  
*patients aged 20-44, by network & race*
- 542 F.33 **Transplant rates per 100 patient years on dialysis: cadaveric first transplant**  
*patients aged 45-64, by network & race*
- 544 F.34 **Transplant rates per 100 patient years on dialysis: cadaveric first transplant**  
*patients aged 65 & over, by network & race*
- 546 F.35 **Standardized first transplant ratios**  
*by state*
- 547 F.36 **Mean time in days to first transplant, cadaveric donor**  
*from first ESRD service day*
- 548 F.37 **Median time in days to first transplant, cadaveric donor**  
*from first ESRD service day*
- 549 F.38 **Mean time in days to first transplant, living donor**  
*from first ESRD service day*
- 550 F.39 **Median time in days to first transplant, living donor**  
*from first ESRD service day*

Table F.1  
**Renal Transplants**  
*by reporting source*

	USRDS				UNOS				Annual facility survey				
	Cadaver	Living donor	Unknown	Total	Cadaver	Living donor	Other	Total	Cadaver	Living donor	Living related	Living unrelated	Total
1978	1,883	984	69	2,936	.	.	.	.	.	.	.	.	.
1979	2,180	946	165	3,291	.	.	.	.	.	.	.	.	.
1980	2,454	884	143	3,481	.	.	.	.	.	.	.	.	.
1981	2,730	1,158	47	3,935	.	.	.	.	.	.	.	.	.
1982	3,283	1,583	81	4,947	.	.	.	.	.	.	.	.	.
1983	3,921	1,635	121	5,677	.	.	.	.	.	.	.	.	.
1984	4,806	1,604	87	6,497	.	.	.	.	.	.	.	.	.
1985	5,360	1,719	109	7,188	.	.	.	.	.	.	.	.	.
1986	6,638	1,750	107	8,495	.	.	.	.	.	.	.	.	.
1987	6,976	1,839	74	8,889	.	.	.	.	.	.	.	.	.
1988	8,193	2,050	72	10,315	7,216	1,812	15	9,043	7,115	1,817	1,761	56	8,932
1989	7,933	2,149	40	10,122	7,069	1,903	18	8,990	7,006	1,893	1,823	70	8,899
1990	8,737	2,370	42	11,149	7,774	2,094	*	9,876	7,705	2,091	2,001	90	9,796
1991	8,491	2,661	17	11,169	7,728	2,393	*	10,124	7,644	2,382	2,296	86	10,026
1992	8,404	2,790	22	11,216	7,691	2,535	*	10,231	7,579	2,536	2,391	145	10,115
1993	8,953	3,097	26	12,076	8,168	2,844	*	11,020	8,106	2,828	2,631	197	10,934
1994	8,379	3,007	*	11,395	8,387	3,008	*	11,404	8,312	3,000	2,738	262	11,312
1995	8,601	3,350	*	11,952	8,606	3,348	*	11,955	8,486	3,416	2,992	424	11,902
1996	8,574	3,612	0	12,186	8,564	3,598	0	12,162	8,495	3,703	3,084	619	12,198
1997	8,611	3,811	*	12,423	8,614	3,805	*	12,420	8,512	3,915	3,210	705	12,427
1998	8,925	4,026	*	12,956	8,916	4,000	*	12,918	8,752	4,520	3,453	1,067	13,272

Table F.2  
**Renal Transplants: Recipients Aged < 20**  
*by gender, race, donor type, number of transplants, and number of transplants by donor type*

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	Total
Female	288	319	285	303	279	309	345	354	308	312	318	3,420
Male	455	419	449	424	392	411	524	515	526	454	428	4,997
Unknown	*	.	*	*	*	*	.	.	.	.	.	17
Unknown	*	12	*	12	18	18	*	*	*	*	*	108
White	552	540	550	536	497	535	571	570	562	541	529	5,983
Black	148	153	145	137	127	134	242	236	205	150	154	1,831
Native American	*	*	*	18	11	*	16	12	*	*	*	117
Asian/Pac Islander	19	25	22	21	17	17	20	31	31	31	24	258
Other	*	*	*	*	*	*	13	13	18	31	28	137
Cadaver	420	407	416	344	325	324	481	426	386	343	337	4,209
Other/unknown	*	*	*	*	*	*	.	.	.	*	.	20
Living	321	326	318	385	350	395	388	443	448	422	409	4,205
1 <sup>st</sup> transplant	616	606	609	610	576	635	745	756	734	686	652	7,225
2 <sup>nd</sup> transplant	113	116	109	101	80	73	105	94	82	65	82	1,020
3 <sup>rd</sup> transplant	14	13	18	17	18	12	17	15	16	13	11	164
4 <sup>th</sup> transplant	*	*	*	*	*	*	*	*	*	*	*	21
5 <sup>th</sup> transplant	.	.	.	.	*	*	*	.	.	*	.	*
Cadaver First Transplant	328	303	306	257	250	264	381	342	314	293	264	3,302
Transplant 2+	92	104	110	87	75	60	100	84	72	50	73	907
Other/unk First Transplant	*	*	*	.	.	*	.	.	.	*	.	*
Transplant 2+	*	*	*	*	*	*	.	.	.	.	.	12
Living First Transplant	286	301	301	353	326	370	364	414	420	392	388	3,915
Transplant 2+	35	25	17	32	24	25	24	29	28	30	21	290
Total	745	738	738	731	676	722	869	869	834	766	746	8,434

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

.. Zero patients in this cell.

Note: USRDS counts include non-Medicare patients.

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Table F.3

**Renal Transplants**

by gender, race, age, &amp; number of transplants

<b>ALL PATIENTS</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>Total</b>
Female	3,409	3,410	3,797	3,880	4,027	4,213	4,521	4,646	4,889	4,960	5,189	46,941
Male	5,276	5,242	5,707	5,860	5,832	6,360	6,829	7,236	7,209	7,365	7,536	70,452
Unknown	*	16	49	32	31	12	.	*	.	.	.	151
White	6,326	6,341	6,990	7,155	7,145	7,698	7,750	8,246	8,308	8,555	8,976	83,490
Black	1,860	1,822	2,012	2,042	2,109	2,263	2,890	2,972	3,027	2,909	2,867	26,773
Native American	103	121	106	120	123	123	153	146	151	137	132	1,415
Asian/Pac. Islander	292	265	302	303	355	316	429	420	452	501	498	4,133
Other	33	31	48	53	43	46	83	59	108	178	226	908
Unknown	81	88	95	99	115	139	45	40	52	45	26	825
0-19	745	738	738	731	676	722	869	869	834	766	746	8,434
20-44	4,893	4,935	5,336	5,392	5,297	5,518	5,706	5,797	5,628	5,566	5,665	59,733
45-64	2,837	2,790	3,181	3,308	3,494	3,897	4,255	4,610	4,960	5,286	5,431	44,049
65-74	213	199	286	334	403	433	505	585	657	673	835	5,123
75+	*	*	12	*	20	15	15	22	19	34	48	205
1 <sup>st</sup> transplant	7,559	7,604	8,323	8,571	8,724	9,476	10,116	10,557	10,811	11,015	11,343	104,099
2 <sup>nd</sup> transplant	1,000	942	1,061	1,042	994	977	1,085	1,157	1,105	1,139	1,203	11,705
3 <sup>rd</sup> transplant	126	103	145	143	154	114	129	144	163	151	157	1,529
4 <sup>th</sup> transplant	*	17	22	15	17	16	15	20	16	16	19	183
5 <sup>th</sup> transplant	.	*	*	*	*	*	*	*	*	*	*	26
6 <sup>th</sup> transplant	.	.	*	.	.	.	.	.	.	.	.	*
7 <sup>th</sup> transplant	.	.	.	.	.	.	*	.	.	.	.	*
Total	8,695	8,668	9,553	9,772	9,890	10,585	11,350	11,883	12,098	12,325	12,725	117,544
<b>CADAVER DONOR</b>												
Female	2,710	2,652	2,914	2,894	2,960	3,095	3,249	3,227	3,376	3,401	3,498	33,976
Male	4,157	4,134	4,564	4,532	4,442	4,760	5,097	5,324	5,140	5,160	5,283	52,593
Unknown	*	15	36	20	28	*	.	*	.	.	.	116
White	4,852	4,816	5,307	5,288	5,183	5,566	5,525	5,729	5,621	5,644	5,839	59,370
Black	1,611	1,578	1,759	1,713	1,759	1,835	2,305	2,356	2,352	2,321	2,309	21,898
Native American	80	95	76	88	92	91	111	102	108	90	103	1,036
Asian/Pac. Islander	246	226	264	251	286	251	314	309	358	393	385	3,283
Other	24	23	35	42	29	26	62	35	51	85	127	539
Unknown	63	63	73	64	81	93	29	21	26	28	18	559
0-19	420	407	416	344	325	324	481	426	386	343	337	4,209
20-44	3,736	3,779	4,037	3,974	3,855	3,952	3,972	4,035	3,788	3,682	3,711	42,521
45-64	2,513	2,418	2,791	2,812	2,881	3,190	3,431	3,585	3,791	3,971	4,023	35,406
65-74	200	191	261	309	350	383	447	490	534	536	671	4,372
75+	*	*	*	*	19	13	15	16	17	29	39	177
1 <sup>st</sup> transplant	5,887	5,865	6,436	6,427	6,436	6,964	7,342	7,486	7,507	7,537	7,718	75,605
2 <sup>nd</sup> transplant	872	821	926	881	842	788	883	920	864	882	918	9,597
3 <sup>rd</sup> transplant	108	97	131	124	137	96	103	123	128	124	124	1,295
4 <sup>th</sup> transplant	*	16	19	13	14	13	15	18	14	15	18	164
5 <sup>th</sup> transplant	.	*	*	*	*	*	*	*	*	*	*	23
6 <sup>th</sup> transplant	.	.	*	.	.	.	.	.	.	.	.	*
7 <sup>th</sup> transplant	.	.	.	.	.	.	.	.	.	.	.	.
Total	6,876	6,801	7,514	7,446	7,430	7,862	8,346	8,552	8,516	8,561	8,781	86,685

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

." Zero patients in this cell.

Table F.3 (continued)

<b>LIVING DONOR</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>Total</b>
Female	680	744	863	979	1,057	1,105	1,270	1,419	1,513	1,558	1,688	12,876
Male	1,070	1,085	1,122	1,319	1,379	1,590	1,725	1,911	2,069	2,205	2,251	17,726
Unknown	*	*	13	12	*	*	.	.	.	.	.	35
White	1,427	1,499	1,651	1,855	1,948	2,119	2,218	2,517	2,687	2,910	3,133	23,964
Black	229	235	245	325	344	419	583	615	675	588	557	4,815
Native American	23	26	30	32	31	32	42	44	43	47	29	379
Asian/Pac. Islander	45	39	37	52	68	64	115	111	94	108	113	846
Other	*	*	13	11	14	20	21	24	57	93	99	367
Unknown	18	25	22	35	34	46	16	19	26	17	*	266
0-19	321	326	318	385	350	395	388	443	448	422	409	4,205
20-44	1,125	1,141	1,276	1,415	1,432	1,555	1,727	1,761	1,840	1,884	1,951	17,107
45-64	297	356	381	487	606	700	822	1,025	1,169	1,315	1,407	8,565
65-74	*	*	21	23	50	48	58	95	123	137	163	733
75+	.	.	*	.	*	*	.	*	*	*	*	27
1 <sup>st</sup> transplant	1,623	1,717	1,862	2,137	2,277	2,498	2,766	3,070	3,304	3,477	3,620	28,351
2 <sup>nd</sup> transplant	116	106	120	154	144	182	202	237	241	257	285	2,044
3 <sup>rd</sup> transplant	12	*	13	17	15	16	25	21	35	27	33	220
4 <sup>th</sup> transplant	.	*	*	*	*	*	.	*	*	*	*	18
5 <sup>th</sup> transplant	.	.	.	.	.	*	*	.	.	*	.	*
6 <sup>th</sup> transplant	.	.	.	.	.	.	*	.	.	.	.	*
7 <sup>th</sup> transplant	.	.	.	.	.	.	.	.	.	.	.	.
<b>Total</b>	<b>1,751</b>	<b>1,830</b>	<b>1,998</b>	<b>2,310</b>	<b>2,439</b>	<b>2,700</b>	<b>2,995</b>	<b>3,330</b>	<b>3,582</b>	<b>3,763</b>	<b>3,939</b>	<b>30,637</b>
<b>OTHER/UNKNOWN DONOR TYPE</b>												
Female	19	14	20	*	*	13	*	.	.	*	*	89
Male	49	23	21	*	11	*	*	*	.	.	*	133
Unknown	.	.	.	.	.	.	.	.	.	.	.	.
White	47	26	32	12	14	13	*	.	.	*	*	156
Black	20	*	*	*	*	*	*	*	.	.	*	60
Native American	.	.	.	.	.	.	.	.	.	.	.	.
Asian/Pac. Islander	*	.	*	.	*	*	.	.	.	.	.	*
Other	.	*	.	.	.	.	.	.	.	.	.	*
Unknown	.	.	.	.	.	.	.	.	.	.	.	.
0-19	*	*	*	*	*	*	.	.	.	*	.	20
20-44	32	15	23	*	*	11	*	*	.	.	*	105
45-64	27	16	*	*	*	*	*	.	.	.	*	78
65-74	*	*	*	*	*	*	.	.	.	.	*	18
75+	.	.	*	.	.	.	.	.	.	.	.	*
1 <sup>st</sup> transplant	49	22	25	*	11	14	*	*	.	*	*	143
2 <sup>nd</sup> transplant	12	15	15	*	*	*	.	.	.	.	.	64
3 <sup>rd</sup> transplant	*	.	*	*	*	*	*	.	.	.	.	14
4 <sup>th</sup> transplant	*	.	.	.	.	.	.	.	.	.	.	*
5 <sup>th</sup> transplant	.	.	.	.	.	.	.	.	.	.	.	.
6 <sup>th</sup> transplant	.	.	.	.	.	.	.	.	.	.	.	.
7 <sup>th</sup> transplant	.	.	.	.	.	.	.	.	.	.	.	.
<b>Total</b>	<b>68</b>	<b>37</b>	<b>41</b>	<b>16</b>	<b>21</b>	<b>23</b>	<b>*</b>	<b>*</b>	<b>.</b>	<b>*</b>	<b>*</b>	<b>222</b>

Table F.4

**Functioning Grafts at Year End***by age of graft (years); all donors since 1977*

TOTAL PATIENTS	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0-<1	7,021	7,187	7,978	8,386	8,391	8,963	9,441	9,484	9,930	10,078	10,205
1-<2	6,181	6,252	6,519	7,275	7,780	7,803	8,245	8,441	8,865	9,278	9,481
2-<3	5,688	5,670	5,755	6,070	6,787	7,304	7,286	7,528	7,917	8,363	8,748
3-<4	4,332	5,223	5,214	5,330	5,643	6,311	6,771	6,682	6,983	7,363	7,801
4-<5	3,421	3,957	4,801	4,789	4,902	5,220	5,845	6,219	6,168	6,504	6,817
5-<6	2,620	3,158	3,613	4,419	4,451	4,519	4,849	5,360	5,717	5,667	6,009
6-<7	2,083	2,420	2,898	3,339	4,069	4,133	4,156	4,451	4,904	5,266	5,161
7-<8	1,516	1,935	2,244	2,675	3,068	3,733	3,725	3,785	4,105	4,511	4,835
8-<9	1,153	1,409	1,798	2,094	2,463	2,816	3,431	3,429	3,446	3,726	4,124
9-<10	971	1,079	1,308	1,679	1,949	2,239	2,543	3,119	3,118	3,153	3,386
10-<11	800	911	1,012	1,213	1,568	1,813	2,027	2,314	2,847	2,850	2,867
11-<12	.	741	858	949	1,140	1,471	1,670	1,840	2,108	2,576	2,575
12-<13	.	.	688	812	876	1,068	1,362	1,542	1,685	1,932	2,355
13-<14	.	.	.	652	766	816	1,002	1,265	1,440	1,569	1,774
14-<15	.	.	.	.	616	716	775	921	1,192	1,328	1,447
15-<16	.	.	.	.	.	583	676	722	872	1,125	1,235
16-<17	.	.	.	.	.	.	545	641	689	825	1,055
17-<18	.	.	.	.	.	.	.	518	600	652	777
18-<19	.	.	.	.	.	.	.	.	491	570	620
19-<20	.	.	.	.	.	.	.	.	.	463	535
20-<21	.	.	.	.	.	.	.	.	.	.	436
Total	35,786	39,942	44,686	49,682	54,469	59,508	64,349	68,261	73,077	77,799	82,243
<b>PERCENT DISTRIBUTION</b>											
0-<1	19.61%	17.99%	17.85%	16.87%	15.40%	15.06%	14.67%	13.89%	13.58%	12.95%	12.40%
1-<2	17.27%	15.65%	14.58%	14.64%	14.28%	13.11%	12.81%	12.36%	12.13%	11.92%	11.52%
2-<3	15.89%	14.19%	12.87%	12.21%	12.46%	12.27%	11.32%	11.02%	10.83%	10.74%	10.63%
3-<4	12.10%	13.07%	11.66%	10.72%	10.36%	10.60%	10.52%	9.78%	9.55%	9.46%	9.48%
4-<5	9.55%	9.90%	10.74%	9.63%	8.99%	8.77%	9.08%	9.11%	8.44%	8.36%	8.28%
5-<6	7.32%	7.90%	8.08%	8.89%	8.17%	7.59%	7.53%	7.85%	7.82%	7.28%	7.30%
6-<7	5.82%	6.05%	6.48%	6.72%	7.47%	6.94%	6.45%	6.52%	6.71%	6.76%	6.27%
7-<8	4.23%	4.84%	5.02%	5.38%	5.63%	6.27%	5.78%	5.54%	5.61%	5.79%	5.87%
8-<9	3.22%	3.52%	4.02%	4.21%	4.52%	4.73%	5.33%	5.02%	4.71%	4.78%	5.01%
9-<10	2.71%	2.70%	2.92%	3.37%	3.57%	3.76%	3.95%	4.56%	4.26%	4.05%	4.11%
10-<11	2.23%	2.28%	2.26%	2.44%	2.87%	3.04%	3.15%	3.38%	3.89%	3.66%	3.48%
11-<12	.	1.85%	1.92%	1.91%	2.09%	2.47%	2.59%	2.69%	2.88%	3.31%	3.13%
12-<13	.	.	1.53%	1.63%	1.60%	1.79%	2.11%	2.25%	2.30%	2.48%	2.86%
13-<14	.	.	.	1.31%	1.40%	1.37%	1.55%	1.85%	1.97%	2.01%	2.15%
14-<15	.	.	.	.	1.13%	1.20%	1.20%	1.34%	1.63%	1.70%	1.75%
15-<16	.	.	.	.	.	0.97%	1.05%	1.05%	1.19%	1.44%	1.50%
16-<17	.	.	.	.	.	.	0.84%	0.93%	0.94%	1.06%	1.28%
17-<18	.	.	.	.	.	.	.	0.75%	0.82%	0.83%	0.94%
18-<19	.	.	.	.	.	.	.	.	0.67%	0.73%	0.75%
19-<20	.	.	.	.	.	.	.	.	.	0.59%	0.65%
20-<21	.	.	.	.	.	.	.	.	.	.	0.53%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

." Zero patients in this cell.

Note: 17,340 transplant events from non-Medicare patients were eliminated from this table due to lack of follow-up information.



Table F.5

**Renal Transplants***by donor type & primary diagnosis*

<b>Donor type</b>	<b>Disease group</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Cadaver	Diabetes	1,362	1,440	1,575	1,662	1,676	1,986	2,037	2,096	2,162	2,182	2,215
	Hypertension	1,074	1,006	1,191	1,169	1,234	1,267	1,465	1,417	1,379	1,353	1,298
	Glomerulonephritis	1,692	1,633	1,812	1,772	1,735	1,693	1,791	1,842	1,765	1,715	1,722
	Cystic kidney disease	585	504	612	577	613	634	585	677	656	673	624
	Other urologic	90	82	110	134	104	159	133	129	149	146	182
	Other cause	1,024	1,048	1,114	1,027	1,045	1,022	1,058	1,083	1,030	988	1,000
	Unknown	329	306	319	307	295	326	354	293	291	317	281
	Missing	2,037	1,914	2,004	1,843	1,702	1,866	956	1,064	1,142	1,237	1,603
	Total	8,193	7,933	8,737	8,491	8,404	8,953	8,379	8,601	8,574	8,611	8,925
Living	Diabetes	326	330	382	464	441	497	562	604	690	659	747
	Hypertension	148	166	156	227	297	315	385	380	406	392	372
	Glomerulonephritis	506	523	570	614	645	695	797	898	952	993	956
	Cystic kidney disease	69	70	90	104	125	129	140	197	200	227	293
	Other urologic	31	41	53	66	77	91	81	101	117	112	119
	Other cause	329	373	378	427	423	478	475	568	613	651	637
	Unknown	69	80	104	96	116	145	139	141	142	135	159
	Missing	572	566	637	663	666	747	428	461	492	642	743
	Total	2,050	2,149	2,370	2,661	2,790	3,097	3,007	3,350	3,612	3,811	4,026
Total	Diabetes	1,688	1,770	1,957	2,126	2,117	2,483	2,599	2,700	2,852	2,841	2,962
	Hypertension	1,222	1,172	1,347	1,396	1,531	1,582	1,850	1,797	1,785	1,745	1,670
	Glomerulonephritis	2,198	2,156	2,382	2,386	2,380	2,388	2,588	2,740	2,717	2,708	2,678
	Cystic kidney disease	654	574	702	681	738	763	725	874	856	900	917
	Other urologic	121	123	163	200	181	250	214	230	266	258	301
	Other cause	1,353	1,421	1,492	1,454	1,468	1,500	1,533	1,651	1,643	1,639	1,637
	Unknown	398	386	423	403	411	471	493	434	433	452	440
	Missing	2,609	2,480	2,641	2,506	2,368	2,613	1,384	1,525	1,634	1,879	2,346
	Total	10,243	10,082	11,107	11,152	11,194	12,050	11,386	11,951	12,186	12,422	12,951

Table F.6  
**Renal Transplants**  
*by state, 1998*

	Other/Unknown	Cadaver	Living	Total
Unknown	.	407	418	825
Alabama	.	131	66	197
Alaska	.	11	*	18
Arizona	.	138	54	192
Arkansas	.	65	45	110
California	.	967	352	1,319
Colorado	.	77	61	138
Connecticut	*	60	68	129
Delaware	.	39	21	60
District of Columbia	*	11	11	23
Florida	.	499	132	631
Georgia	.	222	57	279
Hawaii	.	27	11	38
Idaho	.	29	25	54
Illinois	.	398	187	585
Indiana	.	185	72	257
Iowa	.	96	47	143
Kansas	.	71	32	103
Kentucky	.	136	39	175
Louisiana	.	136	41	177
Maine	.	35	15	50
Maryland	.	218	139	357
Massachusetts	.	143	98	241
Michigan	.	290	183	473
Minnesota	.	131	125	256
Mississippi	.	92	25	117
Missouri	.	198	70	268
Montana	.	17	17	34
Nebraska	.	59	12	71
Nevada	.	52	21	73
New Hampshire	.	34	15	49
New Jersey	*	250	96	347
New Mexico	.	46	20	66
New York	.	518	188	706
North Carolina	.	210	108	318
North Dakota	.	20	13	33
Ohio	.	411	128	539
Oklahoma	.	83	32	115
Oregon	.	65	38	103
Pennsylvania	.	545	128	673
Puerto Rico	.	60	37	97
Rhode Island	.	27	22	49
South Carolina	.	137	62	199
South Dakota	.	29	*	37
Tennessee	.	166	73	239
Texas	*	631	192	825
Utah	.	47	58	105
Vermont	.	12	*	15
Virgin Islands	.	*	*	*
Virginia	.	237	122	359
Washington	.	158	90	248
West Virginia	.	80	32	112
Wisconsin	.	205	102	307
Wyoming	.	13	*	19
Northern Marianas	.	.	*	*
Total	*	8,925	4,026	12,956

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

.. Zero patients in this cell.

Table F.7

**Renal Transplants**

by gender, race, &amp; age, 1996-1998

	Female						Male					
	White	Black	N Am	Asian/ Pac. Is.	Other	Total	White	Black	N Am	Asian/ Pac. Is.	Other	Total
0-4	84	16	*	*	*	115	165	35	*	*	*	221
5-9	124	25	*	*	*	159	148	48	*	*	*	216
10-14	184	57	*	11	*	265	239	88	*	*	14	353
15-19	289	78	*	18	*	397	399	162	*	21	18	606
20-24	467	164	*	36	17	693	574	216	*	38	24	861
25-29	775	335	15	40	18	1,183	989	402	11	65	25	1,492
30-34	1,127	359	*	46	17	1,558	1,491	466	11	62	35	2,065
35-39	1,233	429	16	92	14	1,784	1,805	536	20	74	31	2,466
40-44	1,240	462	17	103	22	1,844	1,982	714	29	95	40	2,860
45-49	1,314	439	31	105	16	1,905	2,072	750	45	100	32	2,999
50-54	1,177	426	24	86	14	1,727	1,761	660	35	78	41	2,575
55-59	1,036	367	29	61	*	1,502	1,493	550	30	102	33	2,208
60-64	701	243	15	55	12	1,026	1,212	370	22	59	20	1,683
65-69	487	138	*	18	*	652	796	181	*	29	*	1,021
70-74	112	32	.	*	.	150	277	44	*	12	*	338
75-79	19	*	.	*	.	22	60	*	*	*	.	68
80-84	*	.	.	.	.	*	*	*	.	.	.	*
85+	.	.	.	.	.	.	.	*	.	.	.	*
Total	10,371	3,572	181	687	173	14,984	15,468	5,231	239	764	339	22,041

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

"." Zero patients in this cell.

Note: 540 transplant events were eliminated due to unknown age or race.

Table F.8

**Renal Transplants**

by year, age, &amp; donor type

ALL PATIENTS	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0-4	88	91	90	93	93	113	81	95	122	123	95
5-9	100	115	118	136	97	106	117	137	136	116	125
10-14	199	186	164	177	175	178	215	226	210	199	214
15-19	358	346	366	325	311	325	456	411	366	328	312
20-24	584	553	598	594	559	591	579	565	537	514	514
25-29	882	992	1,027	987	916	968	946	938	916	917	854
30-34	1,140	1,060	1,180	1,209	1,216	1,255	1,274	1,256	1,227	1,176	1,228
35-39	1,216	1,191	1,261	1,248	1,283	1,303	1,422	1,547	1,411	1,397	1,455
40-44	1,071	1,139	1,270	1,354	1,323	1,401	1,485	1,491	1,537	1,562	1,614
45-49	968	925	1,048	1,101	1,164	1,283	1,417	1,518	1,685	1,630	1,605
50-54	793	790	900	885	954	1,080	1,173	1,284	1,305	1,453	1,557
55-59	636	655	764	759	809	878	1,000	1,017	1,105	1,272	1,346
60-64	440	420	469	563	567	656	665	791	865	931	923
65-69	180	170	228	270	319	331	385	445	505	522	648
70-74	33	29	58	64	84	102	120	140	152	151	187
75-79	*	*	*	*	16	13	14	21	16	32	42
80-84	.	.	.	*	*	*	*	*	*	*	*
85+	*	.	*	*	*	.	.	.	*	.	.
Total	8,695	8,668	9,553	9,772	9,890	10,585	11,350	11,883	12,098	12,325	12,725
<b>CADAVER/FIRST TRANSPLANT</b>											
0-4	35	31	42	28	36	29	34	32	42	40	27
5-9	47	45	37	36	30	40	41	47	58	54	52
10-14	79	69	62	62	54	58	88	92	80	85	72
15-19	167	158	165	131	130	137	218	171	134	114	113
20-24	299	280	317	309	278	282	248	279	231	198	212
25-29	474	583	563	538	495	511	483	501	456	478	422
30-34	698	663	702	722	725	767	746	727	668	625	665
35-39	821	783	852	806	813	841	907	918	848	791	836
40-44	783	851	901	928	896	964	987	961	987	970	991
45-49	761	712	788	812	836	928	992	1,043	1,096	1,090	1,021
50-54	623	612	701	680	720	803	864	890	918	983	1,021
55-59	529	541	636	593	612	681	761	740	798	886	925
60-64	377	349	411	480	458	542	534	600	658	677	678
65-69	159	155	197	237	257	281	321	354	389	397	498
70-74	29	27	53	58	77	87	103	115	127	121	148
75-79	*	*	*	*	16	12	14	15	14	26	32
80-84	.	.	.	*	*	*	*	*	*	*	*
85+	.	.	*	*	*	.	.	.	*	.	.
Total	5,887	5,865	6,436	6,427	6,436	6,964	7,342	7,486	7,507	7,537	7,718
<b>CADAVER/TRANSPLANT 2+</b>											
0-4	*	*	*	*	*	*	*	.	*	*	*
5-9	12	20	23	19	*	12	17	*	*	*	*
10-14	26	27	29	24	16	14	31	25	16	20	21
15-19	46	52	53	39	47	32	49	49	41	24	37
20-24	91	71	90	72	79	71	65	54	50	50	53
25-29	122	132	135	129	112	117	107	118	109	96	77
30-34	157	134	175	157	157	126	144	135	133	150	138
35-39	166	171	158	155	151	136	136	194	164	162	155
40-44	125	111	144	158	149	137	149	148	142	162	162
45-49	84	72	115	92	101	108	126	128	143	142	156
50-54	65	73	77	71	69	62	71	88	76	89	106
55-59	46	38	40	62	55	49	60	58	65	66	84
60-64	28	21	23	22	30	17	23	38	37	38	32
65-69	11	*	*	13	12	*	17	14	17	15	20
70-74	*	*	*	*	*	*	*	*	*	*	*
75-79	.	.	.	.	.	.	.	.	.	*	*
80-84	.	.	.	.	.	.	.	.	.	.	*
85+	*	.	.	.	.	.	.	.	.	.	.
Total	989	936	1,078	1,019	994	898	1,004	1,066	1,009	1,024	1,063

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

." Zero patients in this cell.

Note: 9,415 transplant events were eliminated due to unknown age.

Table F.8 (continued)

LIVING/FIRST TX	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0-4	43	52	41	57	51	79	42	62	72	80	63
5-9	31	46	57	74	55	52	56	72	65	52	59
10-14	82	85	67	83	97	96	90	104	106	84	111
15-19	130	118	136	139	123	143	176	176	177	176	155
20-24	175	187	173	196	184	220	237	214	232	242	223
25-29	264	255	296	292	282	309	321	290	313	308	315
30-34	264	238	265	294	294	319	348	350	376	365	369
35-39	209	222	226	271	294	298	342	390	359	389	408
40-44	140	162	212	244	261	277	320	350	366	392	413
45-49	108	132	134	183	211	224	281	325	422	365	402
50-54	93	96	116	128	158	197	223	292	294	363	404
55-59	51	73	82	99	141	142	171	204	233	312	319
60-64	25	44	34	55	77	92	102	146	165	210	210
65-69	*	*	20	18	46	38	47	73	99	108	126
70-74	.	.	*	*	*	*	*	17	23	26	34
75-79	.	.	*	.	.	*	.	*	*	*	*
80-84	.	.	.	.	.	*	.	.	.	.	.
85+	.	.	.	.	*	.	.	.	.	.	.
Total	1,623	1,717	1,862	2,137	2,277	2,498	2,766	3,070	3,304	3,477	3,620
<b>LIVING/TRANSPLANT 2+</b>											
0-4	*	*	*	*	*	*	*	*	*	*	.
5-9	*	*	*	*	*	*	*	*	*	*	*
10-14	11	*	*	*	*	*	*	*	*	*	*
15-19	13	16	*	15	*	12	13	15	14	14	*
20-24	17	12	15	17	15	16	29	18	24	24	26
25-29	17	19	29	28	27	27	34	29	38	35	40
30-34	14	23	28	34	36	43	34	44	50	36	56
35-39	*	*	22	16	23	26	37	45	40	55	55
40-44	16	13	*	23	16	20	25	31	42	38	46
45-49	*	*	*	*	14	19	17	22	24	33	26
50-54	*	*	*	*	*	16	15	14	17	18	25
55-59	*	*	*	*	*	*	*	15	*	*	18
60-64	*	.	*	*	.	*	*	*	*	*	*
65-69	.	.	.	*	*	.	.	*	.	*	*
70-74	.	.	.	.	.	.	*	*	*	*	.
75-79	.	.	.	.	.	.	.	*	.	.	.
80-84	.	.	.	.	.	.	.	.	.	.	.
85+	.	.	.	.	.	.	.	.	.	.	.
Total	128	113	136	173	162	202	229	260	278	286	319

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Table F.9

**Renal Transplants**

by race &amp; age, 1996-1998

	Unknown	White	Black	Nat. Amer.	Asian/ Pac. Islander	Other	Total
0-4	*	249	51	*	14	19	340
5-9	*	272	73	*	14	11	377
10-14	*	423	145	*	19	23	623
15-19	*	688	240	12	39	24	1,006
20-24	11	1,041	380	18	74	41	1,565
25-29	12	1,764	737	26	105	43	2,687
30-34	*	2,618	825	20	108	52	3,631
35-39	13	3,038	965	36	166	45	4,263
40-44	*	3,222	1,176	46	198	62	4,713
45-49	16	3,386	1,189	76	205	48	4,920
50-54	13	2,938	1,086	59	164	55	4,315
55-59	13	2,529	917	59	163	42	3,723
60-64	*	1,913	613	37	114	32	2,719
65-69	*	1,283	319	11	47	13	1,675
70-74	*	389	76	*	18	*	490
75-79	.	79	*	*	*	.	90
80-84	.	*	*	.	.	.	*
85+	.	.	*	.	.	.	*
Total	123	25,839	8,803	420	1,451	512	37,148

Table F.10

**Renal Transplants**

by donor &amp; recipient age at transplant, 1996-1998

Donor age	Recipient age	First transplant		Transplant 2+		All transplants		Total
		Cadaver	Living	Cadaver	Living	Cadaver	Living	
0-19	0-19	635	57	134	*	769	65	834
	20-44	4,577	146	811	29	5,388	175	5,563
	45-64	4,002	57	380	*	4,382	61	4,443
	65+	498	*	25	.	523	*	524
20-44	0-19	645	1,409	155	95	800	1,504	2,304
	20-44	7,113	5,390	1,257	629	8,370	6,019	14,389
	45-64	6,856	3,002	701	175	7,557	3,177	10,734
	65+	967	333	45	*	1,012	342	1,354
45-64	0-19	252	346	77	19	329	365	694
	20-44	3,749	2,007	852	187	4,601	2,194	6,795
	45-64	5,076	1,832	450	84	5,526	1,916	7,442
	65+	884	154	32	*	916	156	1,072
65+	0-19	*	*	*	.	13	*	17
	20-44	265	82	52	*	317	89	406
	45-64	748	54	42	*	790	59	849
	65+	256	42	*	*	261	43	304
Unknown	0-19	53	162	*	*	62	172	234
	20-44	431	607	81	79	512	686	1,198
	45-64	493	498	53	27	546	525	1,071
	65+	81	54	*	*	82	56	138
Total		37,590	16,237	5,166	1,372	42,756	17,609	60,365

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

." Zero patients in this cell.

Note: 531 transplant events were eliminated due to unknown recipient age.

Table F.11

**Renal Transplants**

by donor type, gender, race, &amp; age, 1996-1998

CADAVER	Donor race	Donor age	Female			Male		
			0-19	20-44	45+	0-19	20-44	45+
Female	Other	Unknown	.	.	*	.	*	.
		0-19	*	*	*	*	17	15
		20-44	*	23	20	*	30	50
		45+	*	14	26	*	18	21
	White	Unknown	*	*	*	.	*	*
		0-19	48	381	350	75	485	480
		20-44	62	595	606	74	914	1,019
		45+	22	581	904	66	772	1,399
	Black	Unknown	.	*	.	.	.	*
		0-19	*	50	50	15	56	58
		20-44	*	71	65	*	111	128
		45+	*	49	76	*	62	105
	Total	Unknown	*	*	*	.	*	*
		0-19	51	440	407	92	558	553
		20-44	69	689	691	80	1,055	1,197
45+		25	644	1,006	72	852	1,525	
Male	Other	Unknown	.	.	.	.	.	.
		0-19	*	26	21	*	30	20
		20-44	*	19	26	*	29	47
		45+	*	15	23	*	26	26
	White	Unknown	.	*	*	*	*	*
		0-19	86	689	618	137	940	931
		20-44	95	1,080	1,062	135	1,534	1,805
		45+	33	505	776	36	719	1,379
	Black	Unknown	.	*	*	.	*	*
		0-19	18	155	129	28	198	185
		20-44	12	156	161	20	257	266
		45+	*	29	50	*	57	104
	Total	Unknown	.	*	*	*	*	13
		0-19	109	870	768	168	1,168	1,136
		20-44	110	1,255	1,249	156	1,820	2,118
45+		37	549	849	39	802	1,509	
Total	Other	Unknown	.	.	*	.	*	.
		0-19	*	35	28	*	47	35
		20-44	*	42	46	*	59	97
		45+	*	29	49	*	44	47
	White	Unknown	*	*	*	*	*	15
		0-19	134	1,070	968	212	1,425	1,411
		20-44	157	1,675	1,668	209	2,448	2,824
		45+	55	1,086	1,680	102	1,491	2,778
	Black	Unknown	.	*	*	.	*	*
		0-19	20	205	179	43	254	243
		20-44	18	227	226	25	368	394
		45+	*	78	126	*	119	209
	Total	Unknown	*	*	*	*	*	19
		0-19	160	1,310	1,175	260	1,726	1,689
		20-44	179	1,944	1,940	236	2,875	3,315
45+		62	1,193	1,855	111	1,654	3,034	

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

"." Zero patients in this cell.

Note: 2,824 transplant events were eliminated due to unknown recipient age.

Table F.11 (continued)

LIVING DONOR	Donor race	Donor age <sup>^</sup>	Female			Male			
			0-19	20-44	45+	0-19	20-44	45+	
Female	Other	0-19	.	*	*	.	*	*	
		20-44	*	25	22	12	36	28	
		45+	*	18	12	*	20	21	
	White	0-19	13	20	*	14	28	12	
		20-44	166	647	433	233	952	588	
		45+	37	342	251	59	427	571	
	Black	0-19	.	*	*	*	*	*	
		20-44	23	157	114	42	158	91	
		45+	*	33	23	*	40	36	
	Total	0-19	13	25	*	15	34	17	
		20-44	194	829	569	287	1,146	707	
		45+	39	393	286	67	487	628	
Male	Other	0-19	.	.	.	.	*	*	
		20-44	*	24	19	*	33	27	
		45+	*	*	*	*	13	12	
	White	0-19	*	18	*	*	22	*	
		20-44	115	598	305	202	727	458	
		45+	37	177	248	57	251	243	
	Black	0-19	*	*	*	*	*	*	
		20-44	18	108	104	34	106	89	
		45+	*	19	19	*	14	26	
	Total	0-19	*	25	*	*	31	12	
		20-44	141	730	428	243	866	574	
		45+	45	204	276	68	278	281	
	Total	Other	0-19	.	*	*	.	*	*
			20-44	13	49	41	19	69	55
			45+	*	26	21	*	33	33
White		0-19	20	38	*	20	50	19	
		20-44	281	1,245	738	435	1,679	1,046	
		45+	74	519	499	116	678	814	
Black		0-19	*	*	*	*	11	*	
		20-44	41	265	218	76	264	180	
		45+	*	52	42	15	54	62	
Total		0-19	22	50	13	24	65	29	
		20-44	335	1,559	997	530	2,012	1,281	
		45+	84	597	562	135	765	909	

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Table F.12

**Renal Transplants**

by donor type, donor race, &amp; recipient race, 1994-1998

		CADAVER					LIVING DONOR										
Donor Race	Recipient race	First transplant					Transplant 2+					All transplants					Total
		1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Unknown	Other	*	*	*	17	59	*	.	*	*	*	*	*	*	22	63	98
	White	*	21	87	152	392	*	*	*	18	56	*	26	96	170	448	746
	Black	.	*	18	56	207	.	*	*	*	18	.	*	20	65	225	314
Other	Other	35	35	49	51	45	*	*	*	*	*	36	36	50	56	46	224
	White	92	104	88	91	84	19	17	*	*	11	111	121	98	100	95	525
	Black	56	44	37	46	45	*	*	*	*	*	61	47	40	51	51	250
White	Other	404	376	437	447	535	30	27	30	40	40	434	403	467	487	575	2,366
	White	4,279	4,427	4,294	4,267	4,251	701	773	711	677	680	4,980	5,200	5,005	4,944	4,931	25,060
	Black	1,620	1,629	1,656	1,570	1,440	156	154	158	158	173	1,776	1,783	1,814	1,728	1,613	8,714
Black	Other	42	48	48	53	71	*	*	*	*	*	48	52	51	54	73	278
	White	376	344	376	384	337	52	38	46	47	32	428	382	422	431	369	2,032
	Black	436	481	443	426	374	32	41	35	51	46	468	522	478	477	420	2,365
Total		7,344	7,515	7,539	7,560	7,840	1,006	1,065	1,009	1,025	1,069	8,350	8,580	8,548	8,585	8,909	42,972
		LIVING DONOR															
Unknown	Other	*	*	25	35	94	*	*	.	*	*	*	*	25	37	97	172
	White	34	47	112	191	600	*	*	16	24	53	37	48	128	215	653	1,081
	Black	*	*	27	36	123	.	*	*	*	*	*	*	30	38	130	214
Other	Other	120	121	94	107	99	*	*	*	*	*	130	126	96	114	104	570
	White	15	*	13	11	18	*	*	*	*	.	16	*	14	12	18	69
	Black	*	*	*	*	*	*	.	.	.	.	*	*	*	*	*	14
White	Other	41	61	90	122	116	*	*	*	*	*	46	65	93	132	118	454
	White	1,974	2,236	2,327	2,463	2,236	185	214	213	208	218	2,159	2,450	2,540	2,671	2,454	12,274
	Black	154	189	200	81	49	*	*	*	*	*	157	193	204	90	53	697
Black	Other	*	*	11	13	*	*	*	.	.	*	*	*	11	13	*	41
	White	*	*	*	11	*	*	*	.	*	.	*	*	*	12	*	42
	Black	398	385	403	435	343	18	26	35	22	28	416	411	438	457	371	2,093
Total		2,762	3,071	3,310	3,508	3,697	229	260	277	286	321	2,991	3,331	3,587	3,794	4,018	17,721

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

"." Zero patients in this cell.

Note: 203 transplant events were eliminated due to unknown recipient age.

Table F.13

**Renal Transplants: Recipients Aged < 20**

by donor &amp; recipient age at transplant, 1994-1998

Donor age	Recipient age	First transplant		Transplant 2+		All transplants		Total
		Cadaver	Living	Cadaver	Living	Cadaver	Living	
Unknown	<1	.	*	.	.	.	*	*
	1-4	*	21	.	.	*	21	28
	5-9	*	28	.	*	*	31	39
	10-14	14	41	*	*	17	45	62
	15-19	24	69	*	*	30	72	102
<5	<1	*	.	.	.	*	.	*
	1-4	*	*	*	.	*	*	13
	5-9	12	.	*	.	14	.	14
	10-14	15	*	*	.	21	*	23
	15-19	19	*	*	.	23	*	24
5-9	1-4	22	.	*	.	24	.	24
	5-9	27	*	*	.	30	*	33
	10-14	35	.	*	.	42	.	42
	15-19	44	.	*	.	51	.	51
10-19	<1	*	.	.	.	*	.	*
	1-4	53	*	*	.	57	*	61
	5-9	82	*	19	.	101	*	103
	10-14	120	17	27	*	147	18	165
	15-19	192	25	50	*	242	32	274
20+	<1	*	27	.	.	*	27	34
	1-4	72	261	*	*	77	268	345
	5-9	123	271	28	20	151	291	442
	10-14	233	435	70	34	303	469	772
	15-19	471	765	133	53	604	818	1,422
Total		1,594	1,978	379	132	1,973	2,110	4,083

Table F.14

**Source of Cadaveric Kidneys**

Organ placed by	First transplant					Transplant 2+					Total
	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Unknown	24	28	105	273	684	*	*	*	40	79	1,255
Local center	5,785	5,373	5,385	5,342	5,166	764	674	619	646	648	30,402
UNOS organ center	1,559	2,134	2,074	1,967	2,005	235	386	381	343	343	11,427
Regional share	*	.	.	.	.	*	.	.	.	.	*
Total	7,373	7,535	7,564	7,582	7,855	1,006	1,066	1,010	1,029	1,070	43,090

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

." Zero patients in this cell.

Table F.15

**Percent Reactive Antibodies (PRA)**

CADAVER	First transplant					Transplant 2+					Total
	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
<b>Peak PRA</b>											
Missing	283	183	320	374	1,078	34	14	39	58	178	2,561
< 20%	5,888	6,258	6,133	6,061	5,805	449	501	412	413	405	32,325
20%-39%	509	470	458	470	387	135	123	132	120	92	2,896
40%-59%	247	201	242	221	179	100	98	91	91	90	1,560
60% +	446	423	411	456	406	288	330	336	347	305	3,748
<b>Most recent PRA</b>											
Missing	223	181	276	336	1,039	25	16	38	58	170	2,362
< 20%	6,669	6,907	6,816	6,752	6,376	675	697	608	610	580	36,690
20%-39%	194	172	199	209	177	101	112	111	104	96	1,475
40%-59%	102	97	107	110	103	73	75	65	94	67	893
60% +	185	178	166	175	160	132	166	188	163	157	1,670
Total	7,373	7,535	7,564	7,582	7,855	1,006	1,066	1,010	1,029	1,070	43,090
<b>LIVING DONOR</b>											
<b>Peak PRA</b>											
Missing	147	204	218	328	843	11	14	14	28	69	1,876
< 20%	2,357	2,585	2,825	2,906	2,623	136	160	168	161	172	14,093
20%-39%	139	130	139	147	123	28	27	32	28	26	819
40%-59%	40	56	68	56	50	19	16	19	21	19	364
60% +	94	115	84	87	64	36	43	45	49	37	654
<b>Most recent PRA</b>											
Missing	117	198	206	317	819	*	11	14	28	69	1,786
< 20%	2,494	2,702	2,983	3,063	2,752	176	191	202	200	197	14,960
20%-39%	80	85	80	80	66	15	19	21	25	20	491
40%-59%	44	40	34	22	34	12	12	14	15	17	244
60% +	42	65	31	42	32	20	27	27	19	20	325
Total	2,777	3,090	3,334	3,524	3,703	230	260	278	287	323	17,806

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

.\*\* Zero patients in this cell.



Table F.16

**Hepatitis B Surface Antigen (HBsAg) Status**

by donor & recipient HBsAg Status

**CADAVER**

Recipient HBsAg	Donor HBsAg	First transplant					Transplant 2+					Total
		1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Missing	Missing	*	*	17	38	252	*	*	*	*	25	350
	Cannot disclose	.	.	.	*	.	.	.	.	.	.	*
	Intermediate	.	.	.	*	*	.	.	.	.	.	*
	Negative	57	88	366	673	1,665	14	15	54	96	231	3,259
	Not done	.	*	*	*	13	.	*	*	*	.	31
	Positive	.	.	.	*	*	.	.	.	.	*	*
	Unknown	.	.	*	.	*	.	.	*	.	.	*
Cannot disclose	Missing	.	.	.	.	*	.	.	.	.	.	*
	Negative	.	.	*	59	40	.	.	*	14	12	130
	Not done	.	.	.	.	*	.	.	.	.	.	*
Intermediate	Negative	*	.	.	*	.	.	.	.	.	.	*
Negative	Missing	*	18	95	179	396	*	*	11	24	51	791
	Intermediate	.	*	.	.	*	.	.	.	.	.	*
	Negative	6,813	6,767	6,546	6,097	4,981	906	949	851	816	664	35,390
	Not done	16	67	55	57	37	*	*	*	*	*	257
	Positive	*	*	.	17	26	.	.	.	*	*	55
	Unknown	17	23	*	*	*	*	*	.	.	*	65
Not done	Missing	.	*	*	*	*	.	*	.	*	*	23
	Negative	205	307	261	210	206	33	37	59	30	36	1,384
	Not done	.	.	*	.	*	.	.	*	.	.	*
	Positive	.	.	.	*	*	.	.	.	.	.	*
	Unknown	.	*	*	*	.	.	.	.	.	.	*
Positive	Missing	.	.	.	*	*	.	.	.	.	*	*
	Intermediate	.	.	.	.	.	.	.	.	*	.	*
	Negative	89	67	69	81	73	18	11	*	13	17	445
	Not done	.	.	*	*	.	.	.	*	*	.	*
	Unknown	.	.	.	.	*	.	.	.	.	.	*
Unknown	Missing	*	.	.	*	11	.	.	.	*	.	22
	Negative	158	178	136	130	117	25	30	15	15	23	827
	Not done	*	*	*	.	*	.	.	.	.	.	*
	Positive	.	.	.	.	*	.	.	.	.	.	*
	Unknown	.	.	.	*	.	.	.	.	.	.	*

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

.. Zero patients in this cell.



Table F.16 (continued)

LIVING DONOR		First transplant					Transplant 2+					Total
Recipient HBsAg	Donor HBsAg	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Missing	Missing	24	41	69	209	661	*	*	*	23	56	1,098
	Negative	11	55	143	126	205	*	*	12	13	20	592
	Not done	.	.	*	12	*	.	.	.	*	.	18
	Positive	.	.	.	*	*	.	.	.	.	.	*
	Unknown	.	*	15	19	*	.	.	*	.	*	48
Cannot disclose	Cannot disclose	.	*	*	15	*	.	.	.	*	*	29
	Negative	.	*	.	.	.	.	.	.	.	.	*
	Not done	.	.	.	*	.	.	.	.	.	.	*
	Unknown	.	.	*	.	.	.	.	.	.	.	*
Intermediate	Negative	*	.	*	*	*	.	.	.	.	.	*
Negative	Missing	33	17	94	60	163	*	.	*	*	*	390
	Cannot disclose	*	*	*	.	.	.	.	.	.	.	*
	Intermediate	.	.	*	.	.	.	.	*	.	.	*
	Negative	2,475	2,725	2,750	2,807	2,425	200	223	219	223	216	14,263
	Not done	27	30	59	65	36	.	*	*	*	*	229
	Positive	*	*	*	15	12	*	.	*	*	*	43
	Unknown	60	16	18	26	27	*	*	*	*	*	157
Not done	Missing	*	.	*	*	*	.	.	*	.	.	11
	Cannot disclose	.	12	11	.	*	.	*	*	.	.	32
	Negative	48	74	53	66	54	*	*	*	*	*	327
	Not done	13	*	15	12	21	*	*	*	*	*	79
	Positive	.	.	.	.	*	.	.	.	.	.	*
Positive	Unknown	*	*	*	*	*	.	.	.	*	.	15
	Missing	.	.	*	*	*	.	.	.	.	.	*
	Negative	23	16	29	34	31	*	*	*	.	*	144
	Not done	*	.	*	.	.	.	.	.	.	.	*
	Positive	*	.	*	*	*	*	.	.	.	.	13
Unknown	Unknown	*	.	.	*	.	.	.	.	.	.	*
	Missing	*	.	*	.	*	.	.	.	.	*	15
	Cannot disclose	21	*	*	.	.	*	*	.	.	.	30
	Negative	21	55	36	37	25	*	*	*	*	*	194
	Not done	.	*	*	*	.	.	*	.	.	.	*
Unknown	*	17	*	*	*	*	*	.	*	.	39	

Table F.17

**Cytomegalovirus (CMV) Antibody Status**

by donor & recipient CMV status

**CADAVER**

Recipient CMV	Donor CMV	First transplant					Transplant 2+					Total
		1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Missing	Missing	*	*	17	38	252	*	*	*	*	25	350
	Intermediate	.	.	*	.	*	.	.	.	.	.	*
	Negative	20	32	131	251	608	*	*	25	36	88	1,205
	Not done	.	.	.	*	*	.	.	.	*	.	17
	Positive	37	57	237	425	1,070	*	*	30	61	144	2,078
	Unknown	.	.	*	.	*	.	.	*	.	.	.
Cannot disclose	Positive	.	.	*	*	*	.	.	.	.	.	*
Intermediate	Negative	*	*	*	*	*	.	.	*	.	.	11
	Positive	*	*	*	*	*	*	*	.	.	*	21
Negative	Missing	.	*	46	73	154	*	*	*	*	16	304
	Cannot disclose	*	*	.	.	.	.	.	.	.	.	*
	Intermediate	.	.	*	.	*	.	.	.	.	*	*
	Negative	1,124	1,161	1,084	1,051	844	124	129	119	108	92	5,836
	Not done	*	*	*	*	*	.	.	*	.	.	34
	Positive	1,471	1,565	1,493	1,329	1,172	153	173	152	143	127	7,778
Not done	Unknown	*	*	*	*	*	*	*	.	.	*	25
	Missing	.	*	*	*	*	.	*	.	.	.	18
	Intermediate	.	.	.	.	*	.	.	.	.	.	*
	Negative	50	90	68	75	45	11	18	17	15	12	401
	Not done	.	.	.	.	*	.	.	.	.	.	*
	Positive	67	128	87	103	64	*	*	24	11	15	517
Positive	Unknown	.	*	.	*	.	.	.	.	.	.	*
	Missing	*	12	49	111	246	*	*	*	20	37	499
	Cannot disclose	*	*	.	.	.	.	.	.	.	.	*
	Intermediate	.	.	*	*	*	.	.	*	*	*	13
	Negative	1,721	1,682	1,576	1,440	1,160	283	262	224	235	188	8,771
	Not done	*	*	*	12	15	.	*	*	*	.	59
Unknown	Positive	2,628	2,518	2,536	2,447	2,005	365	408	382	359	292	13,940
	Unknown	*	20	*	*	*	*	*	.	*	*	48
Unknown	Missing	*	.	*	*	16	.	.	.	*	*	26
	Negative	88	89	85	68	62	14	15	*	*	13	448
	Not done	.	*	.	*	*	.	.	.	*	.	*
	Positive	115	132	116	111	98	24	18	14	13	13	654
	Unknown	.	*	*	*	*	.	.	.	.	.	*

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

.. Zero patients in this cell.

Table F.17 (continued)

LIVING DONOR		First transplant					Transplant 2+					Total
Recipient CMV	Donor CMV	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998	
Missing	Missing	24	41	69	209	661	*	*	*	23	56	1,098
	Negative	*	24	79	57	100	*	*	*	*	12	297
	Not done	.	.	.	*	*	.	.	.	*	.	13
	Positive	*	32	68	77	107	*	*	*	*	*	312
	Unknown	.	*	13	14	*	.	.	*	.	*	40
Cannot disclose	Negative	.	.	.	.	*	.	.	.	.	.	*
	Not done	.	.	.	*	.	.	.	.	.	.	*
	Positive	.	.	.	.	*	.	.	.	.	.	*
Intermediate	Negative	*	*	*	*	.	.	.	.	.	.	*
	Not done	*	.	.	.	.	.	.	.	.	.	*
	Positive	*	*	*	*	.	*	.	.	.	.	*
Negative	Missing	15	*	44	26	78	.	.	*	.	*	178
	Cannot disclose	*	*	*	.	.	.	.	.	.	.	*
	Intermediate	*	*	*	.	.	.	.	.	*	.	*
	Negative	732	778	835	802	728	50	54	64	48	57	4,148
	Not done	*	19	31	20	*	*	*	.	*	*	95
	Positive	423	461	467	505	457	23	23	18	32	19	2,428
	Unknown	18	16	34	14	19	*	*	*	.	*	110
Not done	Missing	*	.	*	*	*	.	.	.	.	.	*
	Cannot disclose	.	*	*	.	.	.	*	.	.	*	11
	Intermediate	.	*	.	.	.	.	.	.	.	.	*
	Negative	23	26	22	24	15	*	*	*	*	*	123
	Not done	*	11	*	17	*	*	*	*	*	*	49
	Positive	19	43	23	23	15	*	*	*	*	*	139
	Unknown	*	.	*	*	*	.	.	.	.	.	*
Positive	Missing	15	*	52	35	87	*	.	*	*	*	213
	Cannot disclose	*	*	*	.	.	.	*	.	.	.	*
	Intermediate	*	*	*	*	*	.	.	*	.	.	14
	Negative	464	532	498	521	478	38	62	56	50	59	2,758
	Not done	14	24	33	21	35	.	*	*	*	*	139
	Positive	907	916	929	1,050	821	90	85	82	87	87	5,054
	Unknown	21	20	24	26	24	*	*	*	*	*	126
Unknown	Missing	*	*	*	*	*	.	.	.	.	.	21
	Cannot disclose	21	*	*	.	.	*	*	.	.	.	31
	Intermediate	.	*	.	.	.	.	.	.	.	.	*
	Negative	18	47	31	35	18	*	*	*	*	.	162
	Not done	.	*	*	*	*	*	.	.	.	.	*
	Positive	19	29	25	20	14	*	.	*	*	*	120
	Unknown	*	20	24	*	*	*	*	.	*	.	64

F

Table F.18

**Renal Transplants**

by donor type, gender, & race, 1994 & 1998

CADAVER 1994		First transplant					Transplant 2+				
Recipient gender	Recipient race	0-19	20-44	45-64	65-74	Total	0-19	20-44	45-64	65-74	Total
Female	Unknown	.	*	*	*	13	.	.	.	.	.
	White	93	859	757	117	1,826	30	189	90	*	317
	Black	48	412	315	22	797	*	53	14	*	70
	Nat. Amer.	*	17	24	*	51	*	*	.	.	*
	Asian / Pac. Islander	*	62	54	*	130	*	*	*	*	14
	Other	*	13	*	.	22	.	*	.	.	*
	Total		157	1,373	1,160	149	2,839	35	253	107	11
Male	Unknown	*	*	*	.	16	.	.	.	.	.
	White	112	1,323	1,257	219	2,911	48	280	120	*	458
	Black	100	573	598	43	1,314	14	60	48	*	123
	Nat. Amer.	*	16	32	*	52	*	*	*	.	*
	Asian / Pac. Is.	*	58	87	*	159	*	*	*	*	*
	Other	*	21	*	*	36	.	*	*	.	*
	Total		224	1,998	1,991	275	4,488	65	348	173	12
Total	Unknown	*	17	*	*	29	.	.	.	.	.
	White	205	2,182	2,014	336	4,737	78	469	210	18	775
	Black	148	985	913	65	2,111	16	113	62	*	193
	Nat. Amer.	*	33	56	*	103	*	*	*	.	*
	Asian / Pac. Is.	14	120	141	14	289	*	13	*	*	24
	Other	*	34	17	*	58	.	*	*	.	*
	Total		381	3,371	3,151	424	7,327	100	601	280	23
<b>LIVING 1994</b>											
Female	Unknown	*	*	.	.	*	.	*	.	.	*
	White	108	512	225	25	870	*	60	*	.	77
	Black	26	138	76	*	242	*	*	*	.	*
	Nat. Amer.	*	*	*	.	11	.	*	*	.	*
	Asian / Pac. Islander	*	32	*	*	44	.	*	.	.	*
	Other	*	*	*	.	*	.	*	.	.	*
	Total		144	688	319	28	1,179	*	72	*	.
Male	Unknown	*	*	.	.	*	.	.	.	.	.
	White	158	629	347	24	1,158	14	73	25	*	113
	Black	51	190	77	*	319	.	*	*	.	16
	Nat. Amer.	*	*	11	*	24	.	*	*	.	*
	Asian / Pac. Islander	*	40	20	*	64	*	*	*	.	*
	Other	*	*	*	.	12	.	*	.	.	*
	Total		220	880	458	29	1,587	15	87	35	*
Total	Unknown	*	*	.	.	15	.	*	.	.	*
	White	266	1,141	572	49	2,028	22	133	34	*	190
	Black	77	328	153	*	561	*	15	*	.	22
	Nat. Amer.	*	11	18	*	35	.	*	*	.	*
	Asian / Pac. Islander	*	72	30	*	108	*	*	*	.	*
	Other	*	*	*	.	19	.	*	.	.	*
	Total		364	1,568	777	57	2,766	24	159	45	*

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

.. Zero patients in this cell.

Note: 271 transplant events were eliminated due to unknown recipient age.



Table F.18 (continued)

CADAVER 1998		First transplant					Transplant 2+				
Recipient gender	Recipient race	0-19	20-44	45-64	65-74	Total	0-19	20-44	45-64	65-74	Total
Female	Unknown	*	*	*	.	*	.	*	.	.	*
	White	64	820	907	190	1,981	18	204	101	*	329
	Black	35	373	370	53	831	*	44	25	*	74
	Nat. Amer.	*	11	29	.	42	.	*	.	.	*
	Asian / Pac. Islander	*	71	84	*	172	*	*	*	.	13
	Other	*	16	13	*	35	.	.	.	.	.
	Total	114	1,294	1,405	254	3,067	23	259	133	*	422
Male	Unknown	.	*	*	.	11	.	.	.	.	.
	White	87	1,194	1,468	299	3,048	37	232	165	14	448
	Black	45	518	591	77	1,231	12	85	68	*	169
	Nat. Amer.	*	15	31	*	52	.	*	*	.	*
	Asian / Pac. Islander	*	69	99	*	185	*	*	*	.	13
	Other	*	31	45	*	87	.	*	*	.	*
	Total	150	1,832	2,240	392	4,614	50	326	245	18	639
Total	Unknown	*	*	*	.	17	.	*	.	.	*
	White	151	2,014	2,375	489	5,029	55	436	266	20	777
	Black	80	891	961	130	2,062	16	129	93	*	243
	Nat. Amer.	*	26	60	*	94	.	*	*	.	*
	Asian / Pac. Islander	15	140	183	19	357	*	*	15	.	26
	Other	12	47	58	*	122	.	*	*	.	*
	Total	264	3,126	3,645	646	7,681	73	585	378	25	1,061
<b>LIVING 1998</b>											
Female	Unknown	.	.	*	.	*	.	*	*	.	*
	White	134	564	445	37	1,180	*	93	18	.	119
	Black	24	121	97	15	257	*	14	*	.	21
	Nat. Amer.	*	*	*	.	13	.	.	*	.	*
	Asian / Pac. Islander	*	27	18	*	48	.	*	*	.	*
	Other	*	19	*	*	39	.	.	.	.	.
	Total	172	734	577	56	1,539	*	109	27	.	145
Male	Unknown	*	*	*	.	*	.	.	.	.	.
	White	169	785	624	95	1,673	12	97	40	*	152
	Black	33	133	91	*	261	.	14	*	.	18
	Nat. Amer.	.	*	*	*	14	.	*	.	.	*
	Asian / Pac. Islander	*	35	18	*	61	.	*	*	.	*
	Other	*	34	17	.	59	.	*	.	.	*
	Total	216	994	758	104	2,072	12	114	45	*	174
Total	Unknown	*	*	*	.	*	.	*	*	.	*
	White	303	1,349	1,069	132	2,853	20	190	58	*	271
	Black	57	254	188	19	518	*	28	*	.	39
	Nat. Amer.	*	*	13	*	27	.	*	*	.	*
	Asian / Pac. Islander	*	62	36	*	109	.	*	*	.	*
	Other	16	53	26	*	98	.	*	.	.	*
	Total	388	1,728	1,335	160	3,611	21	223	72	*	319

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Table F.19

**Warm Ischemia Time (minutes)***by number of transplants*

		Cadaver					Living				
		1994	1995	1996	1997	1998	1994	1995	1996	1997	1998
First transplant	Mean	19.5	21.4	22.4	23.8	24.9	18.0	19.2	18.9	19.6	19.4
	First quartile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Median	10.0	21.0	25.0	28.0	29.0	3.0	20.0	20.0	20.0	22.0
	Third quartile	36.0	36.0	36.0	38.0	39.0	33.0	34.0	34.0	32.0	32.0
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	N	5,838	6,764	6,475	5,677	5,048	2,080	2,595	2,747	2,657	2,412
	NA/Missing	1,535	771	1,089	1,905	2,807	697	495	587	867	1,291
	Tot obs (N+NA)	7,373	7,535	7,564	7,582	7,855	2,777	3,090	3,334	3,524	3,703
Transplant 2+	Mean	18.2	21.2	22.9	23.7	24.4	17.5	20.8	19.0	18.4	19.7
	First quartile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Median	0.0	20.0	28.0	29.0	30.0	3.0	20.0	18.0	20.0	25.0
	Third quartile	35.0	37.0	37.0	38.0	40.0	34.0	35.0	33.0	30.0	32.0
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	99.0	99.0	99.0	99.0	99.0	84.0	99.0	87.0	99.0	93.0
	N	766	971	859	773	692	175	211	221	204	213
	NA/Missing	240	95	151	256	378	55	49	57	83	110
	Tot obs (N+NA)	1,006	1,066	1,010	1,029	1,070	230	260	278	287	323

Table F.20

**Cold Ischemia Time (hours): Cadaveric Transplants***by number of transplants*

		1994	1995	1996	1997	1998
First transplant	Mean	20.7	20.6	20.4	19.5	19.7
	First quartile	14.0	15.0	14.0	14.0	14.0
	Median	20.0	20.0	20.0	19.0	19.0
	Third quartile	26.0	26.0	26.0	24.0	25.0
	Minimum	1.0	1.0	1.0	1.0	1.0
	Maximum	77.0	72.0	91.0	60.0	99.0
	N	6,533	7,248	6,981	6,612	5,633
	NA/Missing	840	287	583	970	2,222
	Tot obs (N+NA)	7,373	7,535	7,564	7,582	7,855
Transplant 2+	Mean	21.8	21.5	21.7	21.3	20.5
	First quartile	16.0	16.0	16.0	16.0	15.0
	Median	21.0	21.0	21.0	21.0	20.0
	Third quartile	27.0	27.0	27.0	26.0	25.0
	Minimum	1.0	2.0	1.0	1.0	1.0
	Maximum	63.0	53.0	51.0	52.0	57.0
	N	883	1,027	924	883	771
	NA/Missing	123	39	86	146	299
	Tot obs (N+NA)	1,006	1,066	1,010	1,029	1,070

Table F.21

**Renal Transplants**

by recipient blood type, year of transplantation, &amp; race, 1993 &amp; 1998

Year of transplant	Recipient race	Recipient blood type					Total
		Unknown	O	A	B	AB	
1993	Unknown	*	747	581	216	79	1,628
	White	51	3,387	3,260	717	284	7,699
	Black	17	1,101	649	399	98	2,264
	Native American	.	72	38	*	*	123
	Asian / Pac. Is.	*	117	99	71	24	316
	Other	*	26	12	*	*	46
1998	Unknown	*	120	82	31	16	251
	White	36	3,950	3,757	869	369	8,981
	Black	*	1,361	844	516	141	2,867
	Native American	.	70	47	11	*	132
	Asian / Pac. Is.	.	198	128	130	42	498
	Other	.	100	86	30	11	227
Total		122	11,249	9,583	3,003	1,075	25,032

Table F.22

**Renal Transplants**

by year of transplantation, number of transplants, &amp; donor &amp; recipient blood types

1993 FIRST TX Donor type	Donor blood type	Recipient blood type					Total
		Unknown	O	A	B	AB	
Other/unknown	Unknown	11	.	.	.	.	11
	O	.	.	*	.	.	*
	A	.	.	*	.	.	*
	AB	.	.	.	.	*	*
Cadaver	Unknown	23	*	.	.	.	24
	O	*	3,636	180	63	14	3,896
	A	*	21	2,877	*	109	3,015
	B	*	*	*	848	26	886
	AB	.	*	*	*	187	197
Living	Unknown	14	11	*	.	.	27
	O	*	1,265	319	134	15	1,740
	A	*	14	776	*	41	840
	B	*	*	*	224	24	259
	AB	.	*	*	.	20	23
Total		67	4,962	4,175	1,282	438	10,924
<b>1993 TRANSPLANT 2+</b>							
Other/unknown	Unknown	*	.	.	.	.	*
	A	.	.	*	.	.	*
	B	.	.	.	.	*	*
Cadaver	Unknown	*	.	.	.	.	*
	O	.	391	34	13	*	441
	A	.	*	349	.	19	372
	B	.	.	*	97	*	105
	AB	.	.	*	.	14	15
Living	Unknown	*	.	*	.	.	*
	O	.	90	30	12	*	133
	A	*	*	46	*	*	55
	B	.	.	.	11	*	12
	AB	.	.	.	.	*	*
Total		12	488	464	134	54	1,152

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

." Zero patients in this cell.

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Table F.22 (continued)

1998 FIRST TX Donor type	Donor blood type	Recipient blood type					Total
		Unknown	O	A	B	AB	
Other/unknown	Unknown	*	.	.	.	.	*
	B	.	.	.	*	.	*
Cadaver	Unknown	.	*	*	.	.	*
	O	.	3,485	163	87	14	3,749
	A	.	24	2,787	13	107	2,931
	B	.	*	*	893	32	933
	AB	.	*	*	*	226	233
Living	Unknown	*	24	17	*	*	55
	O	17	1,641	459	222	18	2,357
	A	11	12	891	*	59	979
	B	*	.	*	234	31	269
	AB	.	.	*	*	38	43
Total		40	5,195	4,336	1,466	526	11,563
<b>1998 TRANSPLANT 2+</b>							
Cadaver	O	.	464	28	*	*	505
	A	.	*	437	*	*	454
	B	.	*	.	81	*	87
	AB	.	.	*	*	22	24
Living	Unknown	.	*	*	.	.	*
	O	*	129	57	13	*	202
	A	*	*	83	*	*	93
	B	.	.	*	13	*	18
	AB	.	.	.	.	*	*
Total		*	604	608	121	57	1,393

Table F.23

**Renal Transplants per 100 Patient Years on Dialysis***by transplant type & year of transplant*

ALL TRANSPLANTATIONS		Age on Dec. 31 of Transplant Year								Total
		0-19	0-4	5-9	10-14	15-19	20-44	45-64	65+	
Transplant rate	1989	55.3	77.6	80.4	67.8	43.3	21.2	7.3	0.6	8.1
	1990	50.8	62.7	82.7	52.4	42.6	21.3	7.5	0.7	8.1
	1991	51.8	67.3	96.6	60.8	38.8	20.1	7.3	0.7	7.5
	1992	49.7	68.3	81.1	57.5	38.9	18.4	7.0	0.8	6.9
	1993	49.2	73.9	92.2	50.9	37.4	17.9	7.2	0.7	6.7
	1994	55.1	46.3	76.5	60.6	51.2	17.5	7.1	0.8	6.6
	1995	53.5	45.2	71.0	63.7	48.1	15.9	6.8	0.8	6.2
	1996	48.4	46.8	74.7	57.2	39.6	14.4	6.6	0.9	5.8
	1997	45.9	54.6	63.6	55.2	37.1	14.0	6.7	0.8	5.7
1998	39.8	40.1	67.1	54.3	29.4	13.9	6.4	1.0	5.5	
Transplant count	1989	632	79	93	164	296	4,488	2,735	222	8,077
	1990	590	68	102	131	289	4,915	3,081	333	8,919
	1991	613	72	114	153	274	4,953	3,241	376	9,183
	1992	591	83	85	150	273	4,856	3,441	459	9,347
	1993	610	87	112	136	275	5,044	3,843	491	9,988
	1994	732	70	97	174	391	5,254	4,111	559	10,656
	1995	762	88	108	194	372	5,317	4,474	643	11,196
	1996	753	100	137	185	331	5,196	4,820	740	11,509
	1997	728	108	112	178	330	5,079	5,104	733	11,644
1998	634	79	107	184	264	5,139	5,194	933	11,900	
Cadaveric rate	1989	26.0	22.6	41.5	29.8	22.5	14.3	5.7	0.5	5.7
	1990	25.2	31.3	39.7	25.6	21.4	14.2	5.9	0.6	5.7
	1991	21.3	20.6	32.2	24.2	18.6	12.9	5.5	0.6	5.1
	1992	19.7	19.8	28.6	18.4	18.8	11.7	5.1	0.6	4.6
	1993	16.9	12.7	32.1	15.7	15.5	11.3	5.2	0.6	4.4
	1994	22.6	14.6	21.3	23.7	24.0	10.4	5.0	0.6	4.2
	1995	17.6	8.2	17.8	21.7	18.4	9.7	4.6	0.6	3.9
	1996	16.2	9.8	22.9	17.3	16.0	8.3	4.5	0.6	3.6
	1997	13.8	8.6	18.7	20.8	11.5	8.1	4.4	0.6	3.4
1998	13.1	7.6	25.7	17.1	10.6	7.9	4.2	0.7	3.3	
Cadaveric count	1989	297	23	48	72	154	3,019	2,134	193	5,643
	1990	292	34	49	64	145	3,280	2,411	287	6,270
	1991	252	22	38	61	131	3,186	2,456	318	6,212
	1992	234	24	30	48	132	3,101	2,509	373	6,217
	1993	210	15	39	42	114	3,187	2,787	393	6,577
	1994	300	22	27	68	183	3,122	2,899	446	6,767
	1995	251	16	27	66	142	3,235	3,050	487	7,023
	1996	253	21	42	56	134	3,010	3,260	534	7,057
	1997	219	17	33	67	102	2,920	3,407	535	7,081
1998	209	15	41	58	95	2,937	3,383	678	7,207	
Living rate	1989	14.1	27.5	16.4	16.5	10.8	3.2	0.7	0.0	1.1
	1990	12.3	16.6	17.0	8.8	12.1	3.4	0.7	0.0	1.1
	1991	14.2	25.3	29.7	12.3	10.6	3.4	0.7	0.0	1.1
	1992	14.6	26.3	19.1	18.8	10.4	3.3	0.9	0.1	1.1
	1993	14.2	31.4	21.4	14.6	10.1	3.4	0.9	0.1	1.1
	1994	12.4	11.9	15.8	13.6	11.5	3.5	1.0	0.1	1.1
	1995	14.3	18.5	21.7	13.8	12.0	3.2	1.0	0.1	1.1
	1996	13.2	15.0	18.5	15.8	10.5	3.3	1.1	0.1	1.2
	1997	12.4	20.2	15.3	9.9	11.0	3.4	1.2	0.1	1.2
1998	12.9	16.8	18.8	15.7	9.9	3.3	1.2	0.1	1.2	
Living count	1989	161	28	19	40	74	686	257	8	1,112
	1990	143	18	21	22	82	778	274	17	1,212
	1991	168	27	35	31	75	843	334	25	1,370
	1992	174	32	20	49	73	863	421	48	1,506
	1993	176	37	26	39	74	960	501	43	1,680
	1994	165	18	20	39	88	1,042	573	48	1,828
	1995	204	36	33	42	93	1,077	689	86	2,056
	1996	205	32	34	51	88	1,187	830	104	2,326
	1997	197	40	27	32	98	1,230	898	115	2,440
1998	205	33	30	53	89	1,219	949	144	2,517	

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

Table F.23 (continued)

FIRST TRANSPLANT		Age on Dec. 31 of Transplant Year								Total
		0-19	0-4	5-9	10-14	15-19	20-44	45-64	65+	
Transplant rate	1989	75.1	80.2	107.9	103.9	59.1	24.1	7.3	0.5	8.0
	1990	68.5	65.1	110.0	74.5	59.5	23.9	7.6	0.7	7.9
	1991	67.8	71.3	119.8	80.1	52.8	22.6	7.3	0.7	7.4
	1992	64.6	72.1	106.4	81.6	50.4	20.7	7.1	0.8	6.8
	1993	64.2	76.7	121.8	72.6	49.3	20.2	7.3	0.7	6.7
	1994	68.7	46.6	94.0	79.9	65.8	19.7	7.2	0.7	6.5
	1995	64.8	47.0	85.7	82.3	59.4	17.6	6.9	0.8	6.1
	1996	56.1	45.6	87.4	68.8	47.1	15.8	6.7	0.8	5.8
	1997	53.7	56.0	75.3	63.9	44.8	15.2	6.7	0.8	5.6
	1998	45.0	40.4	71.5	62.5	34.2	15.0	6.4	0.9	5.4
Transplant count	1989	559	76	79	147	257	4,002	2,566	216	7,343
	1990	523	64	88	113	258	4,318	2,877	321	8,039
	1991	549	72	102	134	241	4,381	3,028	362	8,320
	1992	536	82	76	139	239	4,322	3,226	444	8,528
	1993	568	84	102	128	254	4,547	3,633	473	9,221
	1994	668	65	90	155	358	4,732	3,861	538	9,799
	1995	706	87	103	179	337	4,752	4,193	624	10,275
	1996	688	96	128	174	290	4,645	4,534	724	10,591
	1997	684	108	108	161	307	4,513	4,807	712	10,716
	1998	590	78	98	173	241	4,582	4,860	908	10,940
Cadaveric rate	1989	31.7	21.1	47.8	40.3	28.5	15.4	5.6	0.5	5.4
	1990	30.6	32.6	43.8	31.0	27.7	15.2	5.8	0.6	5.4
	1991	25.2	21.8	36.4	27.5	23.0	13.8	5.4	0.6	4.8
	1992	22.4	20.2	32.2	23.5	21.1	12.6	5.1	0.6	4.3
	1993	20.2	12.8	38.2	20.4	18.8	12.2	5.3	0.6	4.3
	1994	25.4	12.9	21.9	26.8	28.7	11.1	5.0	0.6	4.0
	1995	18.9	8.6	20.8	25.3	19.4	10.2	4.6	0.6	3.7
	1996	16.5	8.5	23.2	19.4	16.4	8.7	4.4	0.6	3.4
	1997	14.9	8.8	20.9	22.2	12.7	8.3	4.4	0.6	3.3
	1998	13.0	7.3	24.1	17.7	10.6	8.1	4.1	0.7	3.1
Cadaveric count	1989	236	20	35	57	124	2,569	1,973	187	4,965
	1990	234	32	35	47	120	2,747	2,214	276	5,471
	1991	204	22	31	46	105	2,672	2,254	306	5,436
	1992	186	23	23	40	100	2,628	2,310	359	5,483
	1993	179	14	32	36	97	2,748	2,602	377	5,906
	1994	247	18	21	52	156	2,678	2,677	425	6,027
	1995	206	16	25	55	110	2,750	2,802	471	6,229
	1996	202	18	34	49	101	2,557	3,012	520	6,291
	1997	190	17	30	56	87	2,453	3,137	516	6,296
	1998	171	14	33	49	75	2,487	3,091	654	6,403
Living rate	1989	20.1	29.6	24.6	26.9	15.2	3.9	0.7	0.0	1.2
	1990	17.7	17.3	26.3	13.8	17.5	4.0	0.7	0.0	1.1
	1991	19.3	26.8	36.4	16.7	15.3	4.0	0.8	0.0	1.1
	1992	20.2	28.1	25.2	27.0	15.2	3.9	0.9	0.1	1.1
	1993	19.0	32.0	29.9	21.6	13.6	4.0	1.0	0.1	1.2
	1994	15.8	12.2	19.8	18.6	15.1	4.0	1.0	0.1	1.1
	1995	17.8	18.9	24.9	17.9	15.9	3.7	1.1	0.1	1.1
	1996	15.7	14.7	22.5	18.6	13.1	3.7	1.2	0.1	1.2
	1997	14.3	20.8	18.1	10.3	13.1	3.8	1.2	0.1	1.2
	1998	15.2	17.1	21.2	18.8	12.2	3.6	1.2	0.1	1.2
Living count	1989	150	28	18	38	66	655	251	8	1,064
	1990	135	17	21	21	76	725	270	17	1,147
	1991	156	27	31	28	70	786	324	23	1,289
	1992	168	32	18	46	72	807	408	47	1,430
	1993	168	35	25	38	70	904	479	42	1,593
	1994	154	17	19	36	82	967	547	48	1,716
	1995	194	35	30	39	90	1,001	657	83	1,935
	1996	192	31	33	47	81	1,094	796	104	2,186
	1997	182	40	26	26	90	1,134	871	113	2,300
	1998	200	33	29	52	86	1,114	910	143	2,367

Table F.23 (continued)

REPEAT TRANSPLANT		Age on Dec. 31 of Transplant Year								Total
		0-19	0-4	5-9	10-14	15-19	20-44	45-64	65+	
Transplant rate	1989	18.3	*	33.0	16.9	15.7	10.7	7.0	3.2	9.8
	1990	16.9	39.2	32.3	18.3	12.6	12.0	7.5	5.3	10.6
	1991	17.2	*	36.6	22.5	13.2	10.9	6.9	4.9	9.6
	1992	15.3	*	27.0	12.2	15.0	9.7	6.3	4.3	8.5
	1993	11.8	*	26.5	8.8	9.6	8.7	5.5	3.7	7.4
	1994	18.0	42.9	22.5	20.4	15.1	8.6	5.9	3.9	7.6
	1995	16.7	*	15.7	17.3	17.0	8.8	6.1	3.1	7.7
	1996	19.7	*	24.4	15.6	18.6	8.1	5.7	2.3	7.2
	1997	14.1	*	12.2	24.3	11.3	8.6	5.6	2.9	7.2
1998	15.7	*	40.1	17.8	12.0	8.7	6.2	3.2	7.5	
Transplant count	1989	73	*	14	17	39	486	169	6	734
	1990	67	4	14	18	31	597	204	12	880
	1991	64	*	12	19	33	572	213	14	863
	1992	55	*	9	11	34	534	215	15	819
	1993	42	*	10	8	21	497	210	18	767
	1994	64	5	7	19	33	522	250	21	857
	1995	56	*	5	15	35	565	281	19	921
	1996	65	*	9	11	41	551	286	16	918
	1997	44	*	4	17	23	566	297	21	928
1998	44	*	9	11	23	557	334	25	960	
Cadaveric rate	1989	15.3	*	30.6	15.0	12.1	9.9	6.7	3.2	9.0
	1990	14.6	19.6	32.3	17.3	10.2	10.7	7.2	4.9	9.6
	1991	12.9	*	21.3	17.8	10.4	9.8	6.5	4.2	8.7
	1992	13.4	*	21.0	8.8	14.1	8.6	5.8	4.1	7.6
	1993	8.7	*	18.6	6.6	7.8	7.7	4.8	3.3	6.4
	1994	14.9	34.3	19.3	17.2	12.3	7.3	5.2	3.9	6.6
	1995	13.4	*	6.3	12.7	15.5	7.6	5.4	2.6	6.6
	1996	15.4	*	21.7	9.9	15.0	6.7	4.9	2.0	6.0
	1997	9.3	*	9.1	15.7	7.4	7.1	5.1	2.6	6.1
1998	13.5	*	35.6	14.6	10.4	7.0	5.4	3.1	6.3	
Cadaveric count	1989	61	*	13	15	30	450	161	6	678
	1990	58	2	14	17	25	533	197	11	799
	1991	48	*	7	15	26	514	202	12	776
	1992	48	*	7	8	32	473	199	14	734
	1993	31	*	7	6	17	439	185	16	671
	1994	53	4	6	16	27	444	222	21	740
	1995	45	*	2	11	32	485	248	16	794
	1996	51	*	8	7	33	453	248	14	766
	1997	29	*	3	11	15	467	270	19	785
1998	38	*	8	9	20	450	292	24	804	
Living rate	1989	2.8	*	2.4	2.0	3.2	0.7	0.3	0.0	0.6
	1990	2.0	9.8	0.0	1.0	2.4	1.1	0.1	0.0	0.8
	1991	3.2	*	12.2	3.6	2.0	1.1	0.3	0.7	0.9
	1992	1.7	*	6.0	3.3	0.4	1.0	0.4	0.3	0.8
	1993	2.2	*	2.7	1.1	1.8	1.0	0.6	0.2	0.8
	1994	3.1	8.6	3.2	3.2	2.7	1.2	0.6	0.0	1.0
	1995	3.0	*	9.4	3.5	1.5	1.2	0.7	0.5	1.0
	1996	3.9	*	2.7	5.7	3.2	1.4	0.7	0.0	1.1
	1997	4.8	*	3.0	8.6	3.9	1.5	0.5	0.3	1.1
1998	1.8	*	4.5	1.6	1.6	1.6	0.7	0.1	1.2	
Living count	1989	11	*	1	2	8	31	6	0	48
	1990	8	1	0	1	6	53	4	0	65
	1991	12	*	4	3	5	57	10	2	81
	1992	6	*	2	3	1	56	13	1	76
	1993	8	*	1	1	4	56	22	1	87
	1994	11	1	1	3	6	75	26	0	112
	1995	10	*	3	3	3	76	32	3	121
	1996	13	*	1	4	7	93	34	0	140
	1997	15	*	1	6	8	96	27	2	140
1998	5	*	1	1	3	105	39	1	150	

Table F.24

**Ratios of Patients Ever Transplanted to All Patients***by patient age*

	Age on Dec. 31 of Tx Year								Total
	0-19	0-4	5-9	10-14	15-19	20-44	45-64	65+	
1989	77.8	61.2	86.5	83.8	75	61.7	31.5	3.7	34.3
1990	77.8	61.4	84.8	82	75.9	61.8	32.7	4.2	34.4
1991	77.3	57.5	87.4	81.1	75.1	61.3	33.4	4.7	34.1
1992	77.1	60.3	87.6	82.2	73.8	60.8	34.1	5.3	33.7
1993	76.5	60.6	87.1	81.8	72.9	60.7	35.2	5.9	33.8
1994	75.8	53.6	82	81.6	74.6	59.9	35.3	6.4	33.4
1995	74.9	46.8	81.3	81.7	74.2	58.3	34.8	6.8	32.8
1996	73.4	47.9	79.2	79.6	72.8	57.2	34.7	7.3	32.4
1997	73.5	51.4	81	78.7	72.2	57.3	35.6	7.8	32.6
1998	73.4	50.2	82.2	79.5	71.4	57.2	36.2	8.4	32.8

Table F.25

**First Transplant Rates per 1,000 Patient Years at Risk***by recipient age on January 1<sup>st</sup> 1998***RATES**

Age of recipient	Modality Group		
	All Dialysis	Hemodialysis	CAPD/CCPD
0-14	334.9	302.8	365.1
15-19	218.1	208.5	252.4
20-24	168.0	159.8	208.2
25-29	155.4	147.0	196.0
30-34	128.4	113.3	195.5
35-39	105.7	90.5	172.1
40-44	88.6	76.4	150.0
45-49	74.6	65.4	122.0
50-54	60.8	54.1	96.3
55-59	46.8	41.6	80.8
60-64	29.5	26.8	46.4
All <65	71.7	61.9	126.1

**STANDARD ERRORS**

0-14	14.3	23.7	19.8
15-19	10.4	13.2	20.0
20-24	5.9	6.8	15.1
25-29	4.2	4.8	10.8
30-34	3.1	3.4	8.9
35-39	2.3	2.5	7.3
40-44	1.8	2.0	6.0
45-49	1.5	1.6	4.9
50-54	1.3	1.4	4.2
55-59	1.0	1.1	3.7
60-64	0.7	0.8	2.7
All <65	0.8	0.8	2.9

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 ZZ patients.

Note: The rates and standard errors in Table F.25 are estimated based on a statistical model to improve the stability of the rates.

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



Table F.26

**Transplant Rates per 100 Patient Years on Dialysis: All Transplants***by transplant type, recipient age, gender, & diabetic status, 1995-1998*

ALL PATIENTS			Rate					Count					
Age	Diabetic Status	Gender	All	White	Black	Nat. Amer.	Asian/Pac. Is.	All	White	Black	Nat. Amer.	Asian/Pac. Is.	
All	All	All	5.8	7.5	3.6	3.9	6.1	45,578	32,068	11,240	536	1,734	
		Female	4.8	6.5	2.9	3.0	5.6	18,250	12,660	4,555	225	810	
		Male	6.7	8.4	4.4	5.0	6.5	27,328	19,408	6,685	311	924	
	No	All	6.7	8.5	4.3	6.0	8.2	34,809	23,847	9,110	339	1,513	
		Female	6.0	7.8	3.7	5.2	7.8	13,969	9,497	3,612	143	717	
		Male	7.3	9.1	4.8	6.8	8.5	20,840	14,350	5,498	196	796	
	Yes	All	4.1	5.6	2.2	2.5	2.2	10,769	8,221	2,130	197	221	
		Female	3.0	4.3	1.6	1.8	1.8	4,281	3,163	943	82	93	
		Male	5.4	6.8	3.1	3.5	2.7	6,488	5,058	1,187	115	128	
	0-19	All	All	48.2	56.3	34.9	37.1	39.9	2,767	1,965	663	35	104
			Female	43.1	52.9	27.2	30.8	37.0	1,115	815	232	17	51
			Male	52.4	59.1	41.2	45.9	43.1	1,652	1,150	431	18	53
No		All	48.7	56.9	35.1	38.8	40.7	2,754	1,957	658	35	104	
		Female	43.7	53.5	27.7	30.9	38.5	1,111	812	231	17	51	
		Male	52.7	59.6	41.1	51.0	43.1	1,643	1,145	427	18	53	
Yes		All	15.4	16.8	18.4	*	*	13	8	5	*	*	
		Female	8.3	13.0	5.1	*	*	4	3	1	*	*	
		Male	24.9	20.3	53.0	*	.	9	5	4	*	.	
20-44		All	All	14.8	22.4	7.8	8.4	14.9	20,415	14,297	5,168	188	762
			Female	14.3	21.3	7.8	8.2	14.4	8,466	5,818	2,195	87	366
			Male	15.2	23.2	7.7	8.5	15.4	11,949	8,479	2,973	101	396
	No	All	13.9	21.5	7.7	9.6	15.6	15,509	10,186	4,461	152	710	
		Female	13.5	20.1	7.8	9.5	14.9	6,367	4,107	1,854	69	337	
		Male	14.2	22.6	7.6	9.7	16.4	9,142	6,079	2,607	83	373	
	Yes	All	18.6	24.8	8.3	5.5	9.2	4,906	4,111	707	36	52	
		Female	17.6	24.9	7.7	5.5	10.8	2,099	1,711	341	18	29	
		Male	19.4	24.7	8.9	5.4	7.7	2,807	2,400	366	18	23	
	45-64	All	All	6.7	9.5	3.7	4.5	7.7	19,374	13,415	4,874	292	793
			Female	5.6	8.1	3.1	3.5	7.4	7,594	5,206	1,905	117	366
			Male	7.6	10.7	4.3	5.4	8.0	11,780	8,209	2,969	175	427
No		All	8.0	11.9	4.2	6.3	10.1	14,212	9,816	3,618	141	637	
		Female	7.3	10.6	3.8	5.6	10.0	5,637	3,905	1,370	56	306	
		Male	8.6	12.9	4.6	7.0	10.2	8,575	5,911	2,248	85	331	
Yes		All	4.6	6.2	2.8	3.5	4.0	5,162	3,599	1,256	151	156	
		Female	3.4	4.7	2.1	2.6	3.2	1,957	1,301	535	61	60	
		Male	5.9	7.5	3.7	4.5	4.6	3,205	2,298	721	90	96	
65+		All	All	0.9	1.1	0.5	0.4	0.6	3,022	2,391	535	21	75
			Female	0.6	0.8	0.3	0.1	0.4	1,075	821	223	4	27
			Male	1.2	1.3	0.7	1.0	0.8	1,947	1,570	312	17	48
	No	All	1.0	1.3	0.6	0.6	0.8	2,334	1,888	373	11	62	
		Female	0.8	1.1	0.4	0.1	0.6	854	673	157	1	23	
		Male	1.3	1.5	0.7	1.3	1.1	1,480	1,215	216	10	39	
	Yes	All	0.5	0.7	0.4	0.3	0.2	688	503	162	10	13	
		Female	0.3	0.4	0.2	0.1	0.1	221	148	66	3	4	
		Male	0.9	1.1	0.6	0.7	0.4	467	355	96	7	9	

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

." Zero patients in this cell.

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

Table F.26 (continued)

CADAVERIC FIRST TRANSPLANTS			Rate					Count				
Age	Diabetic	Gender	All	White	Black	Nat. Amer.	Asian/ Pac. Is.	All	White	Black	Nat. Amer.	Asian/ Pac. Is.
All status	All	All	1.3	1.6	0.8	0.8	1.3	9,403	6,552	2,387	110	354
		Female	1.0	1.3	0.6	0.6	1.3	3,558	2,432	910	43	173
		Male	1.6	1.9	1.1	1.1	1.4	5,845	4,120	1,477	67	181
	No	All	1.4	1.8	1.0	1.5	1.8	6,787	4,488	1,921	78	300
		Female	1.2	1.5	0.8	1.2	1.8	2,589	1,674	735	31	149
		Male	1.6	2.0	1.2	1.8	1.8	4,198	2,814	1,186	47	151
	Yes	All	1.0	1.4	0.5	0.4	0.5	2,616	2,064	466	32	54
		Female	0.7	1.1	0.3	0.3	0.5	969	758	175	12	24
		Male	1.4	1.8	0.8	0.6	0.6	1,647	1,306	291	20	30
0-19	All	All	8.2	8.1	8.2	4.6	11.2	371	216	127	3	25
		Female	7.4	8.1	5.6	2.8	11.7	156	100	41	1	14
		Male	9.0	8.1	10.5	6.8	10.6	215	116	86	2	11
	No	All	8.3	8.2	8.2	4.9	11.4	368	215	125	3	25
		Female	7.5	8.3	5.6	2.8	12.2	155	100	40	1	14
		Male	9.0	8.1	10.5	7.9	10.6	213	115	85	2	11
	Yes	All	3.6	2.1	7.4	*	*	3	1	2	*	*
		Female	2.1	0.0	5.1	*	*	1	0	1	*	*
		Male	5.5	4.1	13.2	*	.	2	1	1	*	.
20-44	All	All	3.6	5.7	1.9	2.1	3.6	4,080	2,774	1,111	40	155
		Female	3.4	5.1	1.9	2.5	3.7	1,620	1,062	456	22	80
		Male	3.8	6.1	2.0	1.7	3.5	2,460	1,712	655	18	75
	No	All	3.2	4.9	1.9	2.4	3.7	2,798	1,684	945	31	138
		Female	3.0	4.4	1.9	2.8	3.5	1,108	644	381	16	67
		Male	3.3	5.4	2.0	2.1	3.8	1,690	1,040	564	15	71
	Yes	All	5.4	7.4	2.1	1.4	3.2	1,282	1,090	166	9	17
		Female	4.8	7.0	1.8	1.9	5.2	512	418	75	6	13
		Male	5.8	7.7	2.3	0.9	1.4	770	672	91	3	4
45-64	All	All	1.6	2.3	0.9	1.0	1.7	4,259	2,984	1,048	64	163
		Female	1.2	1.8	0.6	0.6	1.7	1,561	1,089	376	20	76
		Male	1.9	2.7	1.1	1.4	1.8	2,698	1,895	672	44	87
	No	All	1.9	2.9	1.0	2.0	2.3	3,093	2,138	786	41	128
		Female	1.6	2.4	0.8	1.5	2.3	1,141	777	285	14	65
		Male	2.2	3.3	1.1	2.4	2.2	1,952	1,361	501	27	63
	Yes	All	1.1	1.5	0.6	0.5	0.9	1,166	846	262	23	35
		Female	0.7	1.2	0.4	0.3	0.6	420	312	91	6	11
		Male	1.4	1.8	0.9	0.9	1.2	746	534	171	17	24
65+	All	All	0.2	0.3	0.1	0.1	0.1	693	578	101	3	11
		Female	0.1	0.2	0.1	0.0	0.0	221	181	37	0	3
		Male	0.3	0.3	0.1	0.2	0.1	472	397	64	3	8
	No	All	0.2	0.3	0.1	0.2	0.1	528	451	65	3	9
		Female	0.2	0.2	0.1	0.0	0.1	185	153	29	0	3
		Male	0.3	0.4	0.1	0.4	0.2	343	298	36	3	6
	Yes	All	0.1	0.2	0.1	0.0	0.0	165	127	36	0	2
		Female	0.0	0.1	0.0	0.0	0.0	36	28	8	0	0
		Male	0.3	0.3	0.2	0.0	0.1	129	99	28	0	2



Table F.26 (continued)

ALL LIVING DONOR TRANSPLANTS			Rate					Count				
Age	Diabetic	Gender	All	White	Black	Nat. Amer.	Asian/Pac. Is.	All	White	Black	Nat. Amer.	Asian/Pac. Is.
All status	All	All	0.6	0.9	0.2	0.5	0.5	4,790	3,807	774	64	145
		Female	0.5	0.8	0.2	0.4	0.4	1,993	1,533	371	29	60
		Male	0.7	1.0	0.3	0.6	0.6	2,797	2,274	403	35	85
	No	All	0.7	1.1	0.3	0.8	0.7	3,796	2,981	637	43	135
		Female	0.7	1.0	0.3	0.8	0.6	1,555	1,185	292	22	56
		Male	0.8	1.1	0.3	0.7	0.8	2,241	1,796	345	21	79
	Yes	All	0.4	0.6	0.1	0.3	0.1	994	826	137	21	10
		Female	0.3	0.5	0.1	0.2	0.1	438	348	79	7	4
		Male	0.5	0.6	0.2	0.4	0.1	556	478	58	14	6
0-19	All	All	7.9	10.8	3.2	6.4	4.2	455	378	60	6	11
		Female	7.9	11.0	2.7	9.1	5.1	204	169	23	5	7
		Male	8.0	10.7	3.5	2.5	3.3	251	209	37	1	4
	No	All	8.0	11.0	3.2	6.6	4.3	454	377	60	6	11
		Female	8.0	11.1	2.8	9.1	5.3	203	168	23	5	7
		Male	8.0	10.9	3.6	2.8	3.3	251	209	37	1	4
	Yes	All	1.2	2.1	0.0	*	*	1	1	0	*	*
		Female	2.1	4.3	0.0	*	*	1	1	0	*	*
		Male	0.0	0.0	0.0	*	.	0	0	0	*	.
20-44	All	All	1.8	3.1	0.6	1.4	1.7	2,551	1,999	431	32	89
		Female	1.8	3.0	0.7	1.4	1.3	1,062	814	200	15	33
		Male	1.9	3.2	0.6	1.4	2.2	1,489	1,185	231	17	56
	No	All	1.8	3.3	0.7	1.8	1.9	2,063	1,558	391	28	86
		Female	1.8	3.0	0.8	1.9	1.4	844	619	180	14	31
		Male	1.9	3.5	0.6	1.6	2.4	1,219	939	211	14	55
	Yes	All	1.8	2.7	0.5	0.6	0.5	488	441	40	4	3
		Female	1.8	2.8	0.5	0.3	0.7	218	195	20	1	2
		Male	1.9	2.5	0.5	0.9	0.3	270	246	20	3	1
45-64	All	All	0.6	0.9	0.2	0.4	0.4	1,607	1,279	258	25	45
		Female	0.5	0.8	0.2	0.2	0.4	677	513	136	8	20
		Male	0.6	1.0	0.2	0.5	0.5	930	766	122	17	25
	No	All	0.6	1.1	0.2	0.4	0.6	1,145	930	168	9	38
		Female	0.6	1.0	0.2	0.3	0.6	470	369	80	3	18
		Male	0.7	1.2	0.2	0.5	0.6	675	561	88	6	20
	Yes	All	0.4	0.6	0.2	0.4	0.2	462	349	90	16	7
		Female	0.4	0.5	0.2	0.2	0.1	207	144	56	5	2
		Male	0.5	0.7	0.2	0.5	0.2	255	205	34	11	5
65+	All	All	0.1	0.1	0.0	0.0	0.0	177	151	25	1	0
		Female	0.0	0.0	0.0	0.0	0.0	50	37	12	1	0
		Male	0.1	0.1	0.0	0.0	0.0	127	114	13	0	0
	No	All	0.1	0.1	0.0	0.0	0.0	134	116	18	0	0
		Female	0.0	0.0	0.0	0.0	0.0	38	29	9	0	0
		Male	0.1	0.1	0.0	0.0	0.0	96	87	9	0	0
	Yes	All	0.0	0.0	0.0	0.0	0.0	43	35	7	1	0
		Female	0.0	0.0	0.0	0.0	0.0	12	8	3	1	0
		Male	0.1	0.1	0.0	0.0	0.0	31	27	4	0	0

Table F.27

**Transplant Rates per 100 Patient Years on Dialysis: All Transplants**

patients aged 0-19, by network & race

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	48.6	56.1	55.8	50.3	46.2	41.1	587	712	740	730	691	604
	White	59.8	61.5	60.4	57.3	57.7	50.1	454	482	497	508	516	442
	Black	28.1	49.0	50.3	39.0	28.2	25.3	108	202	206	186	144	127
	Native American	53.0	78.9	41.7	32.1	26.7	50.3	7	14	10	9	6	10
1 CT, MA, ME, NH, RI, VT	Asian/Pac. Is.	35.9	24.7	38.5	44.8	37.6	39.1	18	14	27	27	25	25
	All	57.0	57.1	75.9	60.7	45.0	52.7	18	17	26	23	16	22
	White	67.4	58.3	75.2	68.6	44.3	69.6	18	14	24	21	12	20
	Black	*	*	*	*	*	*	*	*	*	*	*	*
2. NY	Native American	.	*	*	.	.	.	.	*	*	.	.	.
	Asian/Pac. Is.	.	*	*	*	*	*	.	*	*	*	*	*
	All	40.8	47.2	51.6	42.9	39.8	38.1	34	46	55	51	47	40
	White	55.0	56.3	44.8	47.4	55.0	38.9	26	31	28	34	37	23
3. NJ, PR	Black	23.4	34.6	57.5	34.2	18.1	35.3	8	14	23	15	9	15
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	29.8	18.7	23.8	18.6	21.8	24.5	16	10	14	12	12	11
4. PA	White	30.6	16.3	19.9	16.2	30.4	21.0	10	5	8	7	11	6
	Black	30.4	22.5	40.2	21.9	0.0	37.8	5	4	6	4	0	5
	Native American	*	.	.	.	.	.	*	.	.	.	.	.
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
5. MD, DC, VA, WV	All	105.3	118.5	91.2	43.2	47.0	44.1	27	38	39	21	30	27
	White	119.9	111.0	92.6	52.3	56.0	47.1	24	24	21	15	22	17
	Black	53.3	140.7	98.8	35.4	31.1	37.9	3	13	16	6	7	9
	Asian/Pac. Is.	.	*	*	*	*	*	.	*	*	*	*	*
6. NC, SC, GA	All	54.7	56.3	48.0	41.7	25.2	33.6	34	35	32	40	27	35
	White	71.0	50.8	44.3	63.0	52.2	64.0	25	18	16	25	22	19
	Black	26.6	64.3	53.0	27.8	6.5	20.3	7	16	15	15	4	14
	Native American	.	*	.	.	*	*	.	*	.	.	*	*
7. FL	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	29.8	48.8	66.4	34.2	46.1	40.2	27	49	56	32	49	41
	White	52.6	78.4	123.5	59.9	74.4	79.8	17	28	33	20	27	27
	Black	16.0	32.1	44.1	15.4	30.7	20.4	9	20	23	8	19	13
8. TN, AL, MS	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	28.3	33.2	49.3	43.2	44.6	35.0	20	24	29	28	33	24
	White	43.0	45.1	73.4	46.8	57.3	46.9	15	16	22	14	21	17
9. OH, IN, KY	Black	12.2	24.0	26.3	36.3	30.3	21.9	4	8	7	12	11	7
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	45.5	70.7	54.0	49.3	48.7	31.8	30	42	36	36	35	25
	White	66.5	132.4	87.8	70.6	72.4	61.4	17	26	21	17	19	18
10. IL	Black	34.6	43.1	31.9	39.6	34.2	14.2	13	16	13	19	15	7
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	50.1	50.7	60.7	40.1	53.6	37.5	44	46	53	40	58	35
	White	62.9	59.2	72.8	49.0	72.7	51.4	37	38	46	31	47	30
11. ND, SD, MN, WI	Black	25.1	27.0	30.3	25.3	23.5	14.6	7	7	7	9	10	5
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	.	.	.	.	*	.	.	.	.	.	*	.
	All	45.3	57.5	44.8	79.9	41.4	44.1	28	37	35	50	24	26
12. NE, IA, KS, MO	White	58.9	78.1	55.6	125.5	43.4	91.9	22	28	22	36	12	20
	Black	25.0	33.0	30.6	40.6	43.3	15.8	6	9	11	13	12	5
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	79.4	94.4	83.7	84.4	72.4	67.0	64	69	56	71	61	54
13. OK, AR, LA	White	98.5	101.5	102.4	96.3	112.6	90.2	50	48	39	45	51	42
	Black	44.1	85.4	56.0	75.0	27.2	31.3	11	18	13	24	9	9
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
13. OK, AR, LA	All	84.1	68.4	64.5	60.3	47.6	47.7	43	39	37	38	33	32
	White	93.4	79.8	62.8	61.1	44.7	45.2	36	30	26	30	23	24
	Black	40.0	43.5	66.3	57.1	48.5	61.3	5	8	10	7	8	8
	Native American	*	*	*	*	.	.	*	*	*	*	.	.
13. OK, AR, LA	Asian/Pac. Is.	.	.	*	*	*	*	.	.	*	*	*	*
	All	69.3	65.3	67.0	66.1	44.1	43.4	29	31	38	37	24	21
	White	74.5	62.8	70.2	100.2	48.8	66.0	14	13	21	28	14	16
	Black	60.8	61.5	62.1	29.1	38.9	20.8	14	16	15	8	10	5
13. OK, AR, LA	Native American	.	*	*	.	.	.	.	*	*	.	.	.
	Asian/Pac. Is.	*	*	*	*	.	.	*	*	*	*	.	.



Table F.27 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
14. TX	All	38.5	59.2	47.7	46.1	29.8	27.7	43	64	47	55	39	37
	White	45.8	59.7	53.2	45.2	33.7	27.8	33	44	37	39	29	25
	Black	21.4	60.4	41.2	47.2	26.0	32.2	7	19	10	14	10	12
	Native American	.	.	.	*	*	*	.	.	.	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
15. AZ, CO, NV, NM, UT, WY	All	40.9	40.2	58.2	50.1	38.0	42.8	33	37	46	39	31	43
	White	38.3	40.0	50.3	49.8	40.2	41.5	27	31	34	33	28	36
	Black	*	*	158.5	*	*	14.2	*	*	7	*	*	1
	Native American	*	*	65.1	42.6	*	*	*	*	4	3	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
16. AK, ID, MT, OR, WA	All	34.3	44.0	35.2	44.1	43.4	42.6	22	24	22	31	25	24
	White	35.4	40.0	38.7	42.4	41.9	37.2	20	20	21	24	21	18
	Black	*	*	*	*	*	*	*	*	*	*	*	*
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
17 N. CA, HI, AS, Guam	All	68.4	43.9	64.8	59.8	48.5	39.6	26	21	36	29	30	23
	White	108.3	69.1	94.4	78.7	67.0	34.7	21	15	23	22	23	12
	Black	*	30.8	29.8	42.7	21.1	27.2	*	3	3	3	2	2
	Native American	*	*	*	.	.	.	*	*	*	.	.	.
	Asian/Pac. Is.	25.1	19.3	39.0	29.7	27.6	55.9	3	3	8	4	5	9
18. Southern CA	All	25.9	28.1	30.3	27.9	32.2	30.6	22	28	37	38	45	45
	White	31.2	32.5	35.8	28.9	33.5	32.2	21	25	31	30	37	39
	Black	*	9.8	19.9	15.2	21.6	28.1	*	1	4	3	4	4
	Native American	.	*	*	*	*	*	.	*	*	*	*	*
	Asian/Pac. Is.	0.0	16.7	17.8	56.9	33.6	19.2	0	2	2	5	3	2
Unknown Network	All	130.8	199.0	105.5	161.4	447.7	204.6	27	55	46	59	72	39
	White	139.1	137.8	70.2	127.3	426.0	205.5	21	28	24	37	60	33
	Black	*	452.1	260.0	233.7	*	*	*	24	20	17	*	*
	Native American	*	*	.	*	.	*	*	*	.	*	.	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*

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

." Zero patients in this cell.

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

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Table F.28

**Transplant Rates per 100 Patient Years on Dialysis: All Transplants**

patients aged 20-44, by network & race

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	17.8	17.6	16.4	14.8	14.1	14.0	4,953	5,183	5,260	5,117	4,987	5,030
	White	26.1	24.9	23.5	21.6	21.8	22.4	3,681	3,631	3,636	3,498	3,511	3,637
	Black	8.7	9.8	9.3	8.3	7.1	6.6	1,078	1,311	1,384	1,384	1,224	1,170
	Native American	13.1	11.6	11.8	8.8	7.6	6.2	46	46	53	49	48	38
	Asian/Pac. Is.	15.8	18.4	15.6	14.2	15.4	14.5	148	195	187	186	204	185
1 CT, MA, ME, NH, RI, VT	All	19.7	20.6	18.8	18.1	20.2	18.4	194	210	213	217	238	209
	White	24.2	24.5	23.0	21.8	25.6	23.3	172	175	177	172	197	173
	Black	6.8	12.2	8.6	11.0	9.4	9.0	17	34	28	41	35	33
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	15.1	0.0	25.7	9.2	17.7	10.8	3	0	8	3	6	3
2. NY	All	14.4	14.6	14.2	11.5	11.2	10.2	302	319	338	292	286	269
	White	22.0	20.5	21.9	18.9	19.6	19.5	221	209	230	202	204	206
	Black	6.5	8.3	7.7	5.2	5.1	3.9	64	88	93	70	71	56
	Native American	16.6	21.4	14.8	6.4	10.3	0.0	4	5	4	2	3	0
	Asian/Pac. Is.	15.8	21.9	11.4	18.1	8.4	7.3	13	17	11	18	8	7
3. NJ, PR	All	12.0	10.4	11.8	10.8	10.6	11.6	156	140	172	165	159	172
	White	16.3	11.8	15.7	14.8	14.9	16.0	115	85	123	116	110	113
	Black	6.9	8.1	6.7	6.7	5.7	7.2	39	48	43	47	41	53
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	7.0	19.6	15.6	4.7	21.2	17.8	2	7	6	2	8	6
4. PA	All	19.4	18.3	18.8	18.6	17.6	18.1	250	243	278	291	274	271
	White	26.1	25.9	26.1	26.0	26.6	28.6	183	176	194	202	202	201
	Black	10.8	10.5	11.4	11.0	8.1	8.2	61	65	80	83	62	63
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	24.5	8.2	10.8	18.8	28.4	27.1	5	2	3	5	8	6
5. MD, DC, VA, WV	All	15.7	16.8	14.0	14.7	14.1	14.0	278	305	266	323	327	336
	White	26.8	30.2	26.3	26.7	30.8	31.4	153	168	139	159	190	198
	Black	10.4	10.9	9.3	9.6	7.6	7.4	120	132	123	150	126	126
	Native American	*	*	14.1	*	19.0	21.2	*	*	1	*	2	2
	Asian/Pac. Is.	11.2	14.3	8.0	40.1	24.6	24.4	4	5	3	14	9	10
6. NC, SC, GA	All	11.8	11.9	9.9	9.1	8.8	9.1	322	352	319	316	320	347
	White	22.3	25.3	20.3	18.4	18.3	20.3	173	208	174	163	168	186
	Black	7.5	6.7	6.0	5.6	5.3	5.4	143	139	137	137	135	147
	Native American	24.0	3.8	17.5	6.1	7.9	3.7	5	1	5	5	8	3
	Asian/Pac. Is.	4.2	14.7	9.7	16.8	12.7	18.7	1	4	3	11	9	11
7. FL	All	15.0	14.5	13.7	11.8	12.1	11.6	201	209	206	200	220	223
	White	23.1	23.1	21.1	15.3	19.1	19.5	151	157	147	115	141	152
	Black	5.5	6.0	6.7	8.9	7.1	6.0	36	44	52	80	74	66
	Native American	41.3	*	*	11.5	0.0	*	4	*	*	1	0	*
	Asian/Pac. Is.	39.1	26.1	22.2	10.8	14.0	11.3	10	7	7	4	5	4
8. TN, AL, MS	All	17.7	15.2	12.9	13.4	11.8	11.3	287	263	246	285	269	263
	White	30.2	28.1	22.9	26.7	24.8	23.5	153	151	128	160	157	151
	Black	11.9	9.3	8.6	8.2	6.5	6.6	132	108	114	123	105	109
	Native American	*	0.0	7.9	0.0	7.3	6.8	*	0	1	0	1	1
	Asian/Pac. Is.	26.3	36.0	27.0	13.2	40.5	15.0	2	4	3	2	6	2
9. OH, IN, KY	All	22.7	20.8	21.0	17.8	15.8	16.3	428	408	427	406	386	407
	White	31.1	27.8	27.2	25.5	20.5	22.4	335	306	306	309	269	309
	Black	11.7	11.7	13.1	9.2	9.7	8.3	91	98	116	95	106	90
	Native American	*	*	*	*	*	9.9	*	*	*	*	*	1
	Asian/Pac. Is.	4.9	18.0	17.4	7.6	42.7	36.1	1	4	4	2	11	7
10. IL	All	20.6	21.4	20.3	15.6	17.2	14.3	251	274	290	243	267	222
	White	33.2	35.8	33.4	26.5	30.8	23.2	178	192	194	164	186	140
	Black	9.8	10.4	10.6	8.3	7.7	8.3	64	75	87	75	70	76
	Native American	49.9	33.9	85.7	*	*	*	5	3	5	*	*	*
	Asian/Pac. Is.	22.0	21.8	18.9	15.1	41.0	27.8	4	4	4	4	11	6
11. ND, SD, MN, WI	All	25.6	27.6	25.9	24.7	24.2	21.8	427	490	505	526	514	461
	White	39.5	41.6	36.9	36.6	36.7	37.1	358	400	382	398	392	382
	Black	8.2	10.5	13.0	11.8	11.2	6.5	57	78	107	110	106	63
	Native American	10.5	12.0	7.9	14.5	11.4	10.5	4	5	4	9	8	7
	Asian/Pac. Is.	26.8	20.5	28.3	18.1	18.2	17.9	8	7	12	9	8	9
12. NE, IA, KS, MO	All	24.0	26.1	21.6	17.5	16.0	16.9	254	280	247	215	204	224
	White	30.2	33.2	29.0	24.5	23.0	23.9	205	225	201	179	172	186
	Black	13.3	12.8	10.1	6.6	5.6	5.9	47	47	42	30	27	30
	Native American	10.8	10.1	13.2	14.5	7.8	10.5	1	1	2	3	2	2
	Asian/Pac. Is.	6.8	44.0	10.7	14.1	13.8	31.9	1	7	2	3	3	6



Table F.28 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	17.9	17.0	15.5	10.8	9.4	10.4	222	221	220	170	157	180
	White	33.5	27.5	27.7	18.1	18.0	19.6	154	126	132	91	95	107
	Black	7.9	10.7	9.4	7.5	5.4	5.9	58	84	83	75	58	65
	Native American	13.6	16.9	7.1	5.8	4.7	6.1	5	7	3	3	3	4
	Asian/Pac. Is.	43.8	32.5	17.9	8.8	7.4	25.0	5	4	2	1	1	4
14. TX	All	14.5	14.2	15.4	12.7	11.5	11.9	326	353	415	359	336	359
	White	19.9	17.6	20.4	16.2	15.1	16.7	260	251	306	255	245	276
	Black	6.2	8.8	9.0	7.7	6.3	5.6	55	88	101	92	78	72
	Native American	*	10.8	32.6	23.8	7.1	0.0	*	1	4	3	1	0
	Asian/Pac. Is.	25.5	26.2	6.9	16.2	22.2	18.1	11	13	4	9	12	11
15. AZ, CO, NV, NM, UT, WY	All	18.5	20.1	19.2	17.9	16.9	18.8	216	254	254	248	248	275
	White	22.3	22.9	23.9	22.4	20.7	23.7	195	213	229	216	208	240
	Black	7.0	13.8	8.3	7.5	11.1	8.0	10	22	15	15	24	17
	Native American	5.5	10.1	4.9	6.0	3.6	4.9	6	13	7	10	7	10
	Asian/Pac. Is.	11.4	13.5	6.8	13.8	20.2	22.1	5	6	3	7	9	8
16. AK, ID, MT, OR, WA	All	25.1	22.6	21.7	19.9	16.0	18.1	212	197	196	191	157	181
	White	28.5	24.4	23.8	22.3	18.6	21.9	192	169	166	163	136	163
	Black	9.0	15.4	10.1	13.1	7.8	4.1	9	16	12	18	11	6
	Native American	13.3	16.9	21.3	10.5	10.0	6.7	3	4	6	3	4	3
	Asian/Pac. Is.	16.2	16.3	21.5	11.3	8.5	13.8	8	8	12	7	6	9
17. Northern CA, HI, AS, Guam	All	17.5	16.4	15.8	15.4	14.0	13.4	213	219	221	220	195	185
	White	24.1	20.7	19.9	21.2	20.2	17.6	157	141	136	142	129	112
	Black	6.7	8.4	8.7	9.2	6.4	9.0	19	27	31	35	23	32
	Native American	6.0	4.7	18.5	23.3	21.4	9.0	1	1	4	4	3	1
	Asian/Pac. Is.	13.4	15.9	14.6	10.7	10.6	10.5	36	50	50	39	40	40
18. Southern CA	All	16.7	14.4	13.3	13.3	12.7	13.0	290	268	273	288	272	281
	White	21.2	17.2	15.3	15.7	14.6	15.8	231	196	190	207	191	211
	Black	7.1	7.3	6.9	7.9	7.5	6.2	33	36	39	47	44	38
	Native American	14.2	3.9	14.3	8.6	16.8	12.7	3	1	4	2	3	2
	Asian/Pac. Is.	14.5	17.8	18.0	13.8	15.2	15.2	23	35	40	32	34	30
Unknown Network	All	36.7	42.1	24.8	21.4	32.4	32.0	124	178	174	162	158	165
	White	44.3	30.5	17.3	16.9	40.5	42.6	95	83	82	85	119	131
	Black	27.1	78.6	48.3	32.4	22.3	22.1	23	82	81	61	28	28
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	16.8	25.5	17.5	23.1	14.9	7.7	6	11	10	14	10	6

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

" " Zero patients in this cell.

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

Table F.29

**Transplant Rates per 100 Patient Years on Dialysis: All Transplants**

patients aged 45-64, by network & race

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	7.2	7.1	7.0	6.8	6.7	6.4	3,786	4,062	4,446	4,776	5,033	5,099
	White	10.3	9.6	9.7	9.4	9.7	9.3	2,707	2,722	3,072	3,245	3,487	3,599
	Black	3.8	4.2	4.0	3.9	3.7	3.4	889	1,095	1,135	1,251	1,273	1,209
	Native American	5.2	6.1	5.4	5.2	3.7	3.8	59	75	72	85	65	69
1 CT, MA, ME, NH, RI, VT	Asian/Pac. Is.	8.1	9.3	7.7	7.6	7.7	7.8	131	170	167	195	208	222
	All	9.9	10.5	9.3	9.7	10.3	8.7	178	206	204	229	256	229
	White	10.8	12.2	10.9	11.1	12.2	10.1	144	176	172	187	213	188
	Black	6.1	4.7	4.9	6.3	5.5	4.9	26	22	27	39	37	34
2. NY	Native American	27.3	33.9	16.9	8.6	9.4	0.0	3	3	2	1	1	0
	Asian/Pac. Is.	12.8	14.7	7.2	3.8	9.3	13.3	5	5	3	2	5	7
	All	5.1	5.4	5.7	5.0	5.2	4.9	217	244	282	274	302	294
	White	8.1	7.4	8.7	8.1	7.6	7.7	159	147	188	187	184	201
3. NJ, PR	Black	1.9	3.3	3.0	2.4	3.3	2.4	41	79	78	70	103	76
	Native American	2.3	2.5	6.6	1.8	5.1	3.9	1	1	3	1	3	2
	Asian/Pac. Is.	13.0	12.7	8.8	8.9	6.2	7.6	16	17	13	16	12	15
	All	4.5	5.0	3.8	4.7	5.4	4.5	122	146	122	158	185	156
4. PA	White	5.4	5.9	4.3	5.8	6.4	5.3	84	99	79	112	123	103
	Black	2.9	3.7	2.7	3.0	3.8	3.1	31	43	35	41	55	46
	Native American	*	*	0.0	0.0	*	*	*	*	0	0	*	*
	Asian/Pac. Is.	10.2	6.4	11.5	7.5	11.2	11.1	6	4	8	5	7	7
5. MD, DC, VA, WV	All	7.4	8.0	8.4	9.0	9.3	8.4	200	220	257	301	328	312
	White	10.3	10.0	11.6	11.5	12.6	10.9	149	147	191	208	242	223
	Black	3.9	5.8	4.7	5.8	5.2	4.9	47	72	63	86	81	80
	Native American	0.0	0.0	0.0	23.9	8.1	0.0	0	0	0	2	1	0
6. NC, SC, GA	Asian/Pac. Is.	11.0	2.6	6.7	12.1	9.9	22.7	4	1	3	5	4	9
	All	7.0	6.9	7.3	7.1	7.1	6.5	236	250	284	322	354	347
	White	13.0	11.3	12.6	12.6	12.1	11.6	140	126	148	171	183	190
	Black	4.1	4.7	4.7	4.7	4.6	4.1	91	115	124	144	157	149
7. FL	Native American	9.8	0.0	10.2	0.0	16.0	6.4	1	0	1	0	2	1
	Asian/Pac. Is.	8.7	15.7	18.4	9.6	15.7	8.3	4	9	11	7	12	7
	All	4.0	4.9	4.4	4.5	4.2	4.2	216	286	289	336	333	350
	White	7.9	8.9	9.9	8.4	8.0	9.1	111	135	169	154	157	189
8. TN, AL, MS	Black	2.5	3.3	2.4	3.2	2.8	2.4	97	140	116	166	152	145
	Native American	1.6	7.3	1.2	2.1	2.5	2.8	1	5	1	5	7	7
	Asian/Pac. Is.	19.2	15.1	5.8	8.0	12.6	8.0	7	6	3	11	17	9
	All	6.9	6.5	7.1	6.5	6.6	6.3	190	195	225	227	254	259
9. OH, IN, KY	White	11.8	10.3	11.0	9.8	10.2	9.1	151	145	163	156	168	165
	Black	2.5	2.8	3.5	3.7	3.8	3.9	36	43	58	68	81	86
	Native American	0.0	0.0	0.0	6.0	6.2	5.7	0	0	0	1	1	1
	Asian/Pac. Is.	8.2	15.6	8.7	4.1	7.0	10.7	3	7	4	2	4	7
10. IL	All	6.1	5.7	5.7	4.7	4.6	4.6	209	210	234	210	224	231
	White	10.8	10.4	10.6	9.2	8.7	9.4	118	122	140	133	134	152
	Black	3.8	3.5	3.3	2.5	2.7	2.3	89	87	90	76	88	77
	Native American	8.3	0.0	6.2	4.8	3.8	0.0	1	0	1	1	1	0
11. ND, SD, MN, WI	Asian/Pac. Is.	5.5	6.5	16.1	0.0	3.6	7.4	1	1	3	0	1	2
	All	9.0	7.7	9.1	7.8	7.9	7.7	314	291	360	355	390	409
	White	11.2	9.2	11.1	10.2	9.8	9.7	231	201	259	271	281	302
	Black	5.7	5.4	5.7	4.4	5.1	4.6	79	83	92	81	102	98
12. NE, IA, KS, MO	Native American	15.9	13.4	32.8	9.4	6.6	18.5	2	2	4	1	1	2
	Asian/Pac. Is.	7.5	19.8	20.2	6.7	16.7	21.5	2	5	5	2	6	7
	All	6.3	7.1	7.5	7.6	7.0	6.5	148	183	218	237	229	223
	White	9.0	10.1	9.9	10.7	10.4	9.7	96	119	131	151	151	148
13. NE, IA, KS, MO	Black	3.8	4.3	5.0	5.0	4.2	3.6	47	58	74	82	72	65
	Native American	19.9	15.5	14.6	0.0	0.0	19.4	3	2	2	0	0	3
	Asian/Pac. Is.	4.5	8.2	16.8	5.6	7.4	7.6	2	4	11	4	6	7
	All	11.6	10.9	10.9	11.2	10.4	10.4	351	361	407	462	463	490
14. NE, IA, KS, MO	White	16.2	14.2	15.4	16.0	15.3	14.9	283	268	322	357	365	383
	Black	4.5	5.5	4.9	4.6	4.4	4.9	51	70	71	77	80	91
	Native American	10.8	12.5	7.0	12.0	6.5	6.0	13	16	11	22	12	12
	Asian/Pac. Is.	14.6	22.9	7.0	11.3	9.6	6.2	4	7	3	6	6	4
15. NE, IA, KS, MO	All	9.4	10.1	9.3	8.1	9.4	9.4	180	207	215	202	247	263
	White	12.2	12.9	11.8	10.8	12.8	11.9	142	158	165	161	197	202
	Black	4.7	5.4	5.1	3.8	4.2	4.9	32	40	44	35	42	50
	Native American	11.9	9.1	7.1	5.9	9.1	8.9	5	4	3	3	5	5
16. NE, IA, KS, MO	Asian/Pac. Is.	4.4	20.6	11.9	10.2	8.6	19.6	1	5	3	3	3	6



Table F.29 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	6.6	7.0	5.7	5.0	5.0	4.1	152	177	160	157	173	151
	White	11.9	11.1	8.1	8.6	9.5	7.9	104	105	85	98	117	102
	Black	3.3	4.3	4.0	2.7	2.5	2.1	42	61	64	48	51	45
	Native American	4.6	5.8	6.4	6.2	1.9	2.1	6	8	9	10	3	4
14. TX	Asian/Pac. Is.	0.0	10.8	8.9	4.1	7.7	0.0	0	3	2	1	2	0
	All	6.6	5.9	5.8	6.1	5.4	5.4	286	283	306	349	338	367
	White	7.8	7.1	7.0	6.9	6.8	6.6	205	207	228	245	260	278
	Black	4.4	3.6	3.6	4.3	2.9	3.4	69	63	69	90	66	82
	Native American	24.2	7.7	6.8	8.5	4.8	3.9	6	2	2	3	2	2
15. AZ, CO, NV, NM, UT, WY	Asian/Pac. Is.	7.3	13.5	7.8	11.1	10.8	4.8	6	11	7	11	10	5
	All	9.0	7.5	8.0	7.7	7.3	6.9	185	169	201	215	218	223
	White	11.2	8.9	9.5	9.1	9.2	8.5	153	133	158	168	183	183
	Black	6.6	7.2	7.7	6.3	5.2	4.5	14	16	19	18	16	15
	Native American	3.0	3.2	3.5	3.4	1.7	2.4	13	16	19	20	11	16
16. AK, ID, MT, OR, WA	Asian/Pac. Is.	13.6	9.9	9.0	15.0	12.2	12.3	5	4	5	9	8	9
	All	10.9	11.1	9.7	10.3	9.0	8.7	134	149	148	172	163	167
	White	12.5	12.4	10.8	10.8	9.5	9.2	119	127	127	136	132	136
	Black	6.5	5.1	3.5	8.6	4.7	3.4	9	8	6	18	10	7
	Native American	1.5	8.6	5.8	6.2	9.7	7.0	1	6	5	6	9	7
17. Northern CA, HI, AS, Guam	Asian/Pac. Is.	7.4	9.6	10.6	10.7	9.6	12.0	5	8	10	12	12	17
	All	6.4	6.4	7.4	6.3	6.6	5.3	135	152	197	183	201	170
	White	7.8	8.5	10.8	7.9	8.7	7.2	79	97	138	108	122	104
	Black	5.8	3.9	4.4	4.0	3.8	2.3	27	20	24	24	25	17
	Native American	0.0	2.0	4.6	6.6	6.5	8.0	0	1	2	3	3	4
18. Southern CA	Asian/Pac. Is.	5.0	5.1	4.2	5.4	5.4	4.5	29	34	33	48	51	45
	All	7.9	6.8	6.1	6.3	6.2	6.5	233	215	222	259	261	285
	White	8.7	7.6	6.9	6.5	6.9	7.4	164	152	160	172	191	209
	Black	5.5	3.7	3.2	4.8	3.8	3.2	41	29	28	48	37	32
	Native American	3.7	12.6	6.3	7.8	2.0	3.9	2	7	4	4	1	2
Unknown Network	Asian/Pac. Is.	9.8	8.5	7.5	7.8	7.1	8.6	26	27	30	35	32	42
	All	15.8	14.8	8.9	9.2	11.5	15.8	100	118	115	128	114	173
	White	19.3	11.7	5.8	7.9	13.9	21	75	58	49	70	84	141
	Black	10.6	21.1	15.2	10.5	7.2	5.4	20	46	53	40	18	14
	Native American	0	13.7	22.7	13	13	7.2	0	2	3	2	2	1
	Asian/Pac. Is.	11.3	17.3	11.1	14.4	8.1	11.2	5	12	10	16	10	17

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

"/" Zero patients in this cell.

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

Table F.30

**Transplant Rates per 100 Patient Years on Dialysis: All Transplants**

patients aged 65 & over, by network & race

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	0.7	0.8	0.8	0.9	0.8	1.0	491	557	639	733	726	923
	White	1.0	1.0	1.0	1.1	1.0	1.2	404	455	519	581	562	728
	Black	0.3	0.3	0.4	0.5	0.5	0.6	70	78	103	125	139	168
	Native American	1.0	0.7	0.5	0.4	0.5	0.4	8	6	5	5	6	5
	Asian/Pac. Is.	0.5	0.8	0.4	0.7	0.6	0.6	9	18	12	22	19	22
1. CT, MA, ME, NH, RI, VT	All	0.7	0.6	1.1	1.0	0.6	1.1	24	21	43	40	24	49
	White	0.8	0.6	1.1	1.0	0.5	1.1	21	18	38	35	18	43
	Black	0.7	0.5	1.1	0.8	1.1	1.1	3	2	5	4	6	6
	Native American	*	9.4	0.0	0.0	0.0	0.0	*	1	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	1.7	0.0	0.0	0	0	0	1	0	0
2. NY	All	0.5	0.6	0.7	0.8	0.8	0.9	27	35	40	48	51	61
	White	0.8	0.9	0.8	1.0	0.9	1.2	25	29	30	40	36	51
	Black	0.1	0.3	0.4	0.3	0.5	0.4	2	5	9	7	11	9
	Native American	0.0	0.0	2.5	0.0	4.5	0.0	0	0	1	0	2	0
	Asian/Pac. Is.	0.0	0.7	0.0	0.5	0.9	0.4	0	1	0	1	2	1
3. NJ, PR	All	0.3	0.6	0.7	0.6	0.6	0.5	8	19	23	21	24	22
	White	0.4	0.7	0.9	0.8	0.8	0.6	7	16	22	21	20	16
	Black	0.1	0.3	0.1	0.0	0.4	0.4	1	3	1	0	4	5
	Native American	*	0.0	0.0	0.0	0.0	0.0	*	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	1.2	0	0	0	0	0	1
4. PA	All	1.4	0.9	1.2	1.4	1.2	1.4	54	38	57	70	65	79
	White	1.6	1.1	1.4	1.5	1.4	1.7	45	32	47	52	52	65
	Black	0.8	0.4	0.8	1.2	0.9	0.9	8	5	10	16	13	14
	Native American	*	*	*	0.0	0.0	0.0	*	*	*	0	0	0
	Asian/Pac. Is.	0.0	2.7	0.0	5.2	0.0	0.0	0	1	0	2	0	0
5. MD, DC, VA, WV	All	0.7	0.9	0.8	0.8	0.9	1.5	26	40	39	40	49	87
	White	0.8	1.5	1.4	1.2	1.5	2.0	14	28	28	25	36	53
	Black	0.5	0.5	0.4	0.5	0.4	1.0	11	11	11	15	12	33
	Native American	8.9	0.0	0.0	0.0	0.0	7.1	1	0	0	0	0	1
	Asian/Pac. Is.	0.0	1.6	0.0	0.0	1.0	0.0	0	1	0	0	1	0
6. NC, SC, GA	All	0.4	0.4	0.4	0.5	0.5	0.4	20	21	24	36	37	31
	White	0.9	0.9	0.6	0.9	0.9	0.7	15	17	12	22	22	20
	Black	0.2	0.1	0.3	0.3	0.3	0.2	5	4	12	13	15	10
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.8	0.0	0.9	0	0	0	1	0	1
7. FL	All	0.8	1.2	0.9	1.1	1.1	1.3	32	53	45	59	63	75
	White	0.9	1.4	1.2	1.3	1.4	1.4	27	46	40	46	51	54
	Black	0.4	0.6	0.3	0.6	0.6	1.0	4	7	4	10	12	18
	Native American	10.4	0.0	0.0	6.3	0.0	0.0	1	0	0	1	0	0
	Asian/Pac. Is.	0.0	0.0	2.4	4.7	0.0	6.1	0	0	1	2	0	3
8. TN, AL, MS	All	0.4	0.3	0.4	0.4	0.3	0.6	14	13	15	19	14	29
	White	0.8	0.7	0.7	0.9	0.4	1.0	12	10	12	16	9	23
	Black	0.1	0.1	0.1	0.1	0.2	0.2	2	3	3	3	5	6
	Native American	*	0.0	*	*	0.0	0.0	*	0	*	*	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
9. OH, IN, KY	All	0.9	0.8	0.7	0.8	1.0	0.9	43	41	38	48	66	63
	White	1.1	1.0	0.8	0.9	1.1	1.0	36	36	29	36	48	49
	Black	0.5	0.2	0.4	0.6	0.8	0.7	7	4	8	12	17	14
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	3.3	2.8	0.0	2.3	0.0	0	1	1	0	1	0
10. IL	All	0.7	0.6	0.7	0.7	0.5	0.8	20	19	27	28	22	33
	White	0.9	0.8	0.8	0.8	0.6	0.8	16	16	19	20	16	23
	Black	0.4	0.2	0.6	0.6	0.3	0.7	4	2	8	8	4	10
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	1.5	0.0	0.0	2.3	0.0	0	1	0	0	2	0
11. ND, SD, MN, WI	All	1.1	1.3	1.2	1.5	1.3	1.7	49	63	64	92	81	114
	White	1.3	1.5	1.4	1.9	1.5	2.0	43	53	58	83	71	101
	Black	0.4	0.4	0.3	0.5	0.6	0.8	4	5	4	7	9	12
	Native American	2.1	1.8	1.8	0.8	0.8	0.7	2	2	2	1	1	1
	Asian/Pac. Is.	0.0	5.2	0.0	1.4	0.0	0.0	0	3	0	1	0	0
12. NE, IA, KS, MO	All	0.8	1.5	1.0	0.8	0.8	0.8	23	47	34	30	30	34
	White	0.8	1.5	1.2	0.8	0.9	0.9	18	35	31	23	24	27
	Black	0.6	1.5	0.3	0.6	0.7	0.8	4	11	2	5	6	7
	Native American	4.0	0.0	0.0	2.4	0.0	0.0	1	0	0	1	0	0
	Asian/Pac. Is.	0.0	3.0	2.9	2.8	0.0	0.0	0	1	1	1	0	0



Table F.30 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	0.6	0.6	0.5	0.7	0.4	0.4	15	16	16	23	15	17
	White	0.9	0.9	0.7	1.0	0.6	0.7	11	13	11	16	10	13
	Black	0.3	0.2	0.3	0.4	0.2	0.2	4	3	4	7	3	4
	Native American	0.0	0.0	0.9	0.0	1.6	0.0	0	0	1	0	2	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
14. TX	All	0.6	0.7	0.7	0.7	0.8	0.8	25	36	39	43	47	53
	White	0.6	0.8	0.9	0.9	1.0	0.9	19	28	33	38	43	43
	Black	0.4	0.3	0.3	0.2	0.2	0.5	6	5	4	4	4	10
	Native American	0.0	5.0	5.6	0.0	0.0	0.0	0	1	1	0	0	0
	Asian/Pac. Is.	0.0	2.7	1.2	1.2	0.0	0.0	0	2	1	1	0	0
15. AZ, CO, NV, NM, UT, WY	All	1.4	0.8	1.3	0.8	0.9	1.3	32	22	38	25	30	46
	White	1.5	0.9	1.5	0.8	0.9	1.5	28	19	34	19	25	43
	Black	1.2	0.5	2.1	2.0	1.3	0.8	2	1	4	4	3	2
	Native American	0.4	0.3	0.0	0.3	0.0	0.2	1	1	0	1	0	1
	Asian/Pac. Is.	2.4	1.9	0.0	1.7	2.6	0.0	1	1	0	1	2	0
16. AK, ID, MT, OR, WA	All	0.8	0.5	1.2	1.2	0.9	1.2	13	9	24	25	21	28
	White	0.8	0.5	1.1	1.3	0.9	1.2	12	8	20	23	18	23
	Black	0.0	0.0	1.5	0.7	0.6	1.1	0	0	2	1	1	2
	Native American	0.0	0.0	0.0	0.0	0.0	1.2	0	0	0	0	0	1
	Asian/Pac. Is.	2.0	1.7	2.4	0.8	1.5	1.3	1	1	2	1	2	2
17. Northern CA, HI, AS, Guam	All	0.7	0.7	0.5	0.8	0.8	1.0	22	24	18	31	34	41
	White	1.1	0.9	0.7	1.3	1.2	1.4	18	16	13	25	26	31
	Black	0.0	0.5	0.4	0.4	0.5	0.6	0	3	2	2	3	4
	Native American	0.0	1.9	0.0	0.0	0.0	2.0	0	1	0	0	0	1
	Asian/Pac. Is.	0.5	0.5	0.3	0.4	0.4	0.4	4	4	3	4	5	5
18. Southern CA	All	0.8	0.7	0.7	0.8	0.7	0.8	33	30	36	40	39	47
	White	0.9	0.9	0.9	1.0	0.7	1.0	27	28	31	36	28	39
	Black	0.3	0.1	0.6	0.1	0.9	0.1	2	1	5	1	8	1
	Native American	1.3	0.0	0.0	0.0	1.8	0.0	1	0	0	0	1	0
	Asian/Pac. Is.	0.7	0.2	0.0	0.4	0.3	0.8	3	1	0	3	2	7
Unknown Network	All	1.7	1.4	1.5	1.3	2	2.5	11	10	19	15	14	14
	White	2.5	1.5	1.3	0.7	2.1	3.2	10	7	11	5	9	11
	Black	0.6	1.8	1.8	2.3	2.1	0.8	1	3	5	6	3	1
	Native American	*	*	0	8.2	0	0	*	*	0	1	0	0
	Asian/Pac. Is.	0	0	1.9	1.9	1.7	2.2	0	0	3	3	2	2

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

" " Zero patients in this cell.

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

Table F.31

**Transplant Rates per 100 Patient Years on Dialysis: Cadaveric First Transplant**

patients aged 0-19, by network & race

ESRD Network	Race	First cadaveric Transplant rate						First cadaveric Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	20.8	26.8	20.3	17.5	15.2	13.4	177	246	202	197	180	161
	White	24.2	23.9	18.4	18.2	15.6	12.3	124	131	111	121	108	87
	Black	16.4	31.5	23.0	16.6	13.0	13.5	47	99	73	64	55	57
	Native American	29.4	64.2	11.7	4.8	25.8	24.7	3	7	2	1	4	3
1 CT, MA, ME, NH, RI, VT	Asian/Pac. Is.	7.1	20.6	28.7	20.8	22.5	24.3	3	9	16	11	13	14
	All	38.5	25.3	0.0	16.2	10.0	10.5	9	6	0	5	3	4
	White	48.6	27.8	0.0	21.2	4.6	15.9	9	5	0	5	1	4
	Black	*	*	*	*	*	*	*	*	*	*	*	*
2. NY	Native American	.	*	*	.	.	.	.	*	*	.	.	.
	Asian/Pac. Is.	.	*	*	*	*	*	.	*	*	*	*	*
	All	20.7	23.7	27.5	16.2	13.9	10.9	12	16	21	14	12	9
	White	23.4	28.0	19.7	17.0	19.8	2.4	7	10	8	8	9	1
3. NJ, PR	Black	19.3	19.5	30.5	16.2	7.4	18.4	5	6	10	6	3	7
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	13.2	6.5	11.4	6.8	8.8	8.4	6	3	6	4	4	3
4. PA	White	18.1	3.8	8.4	2.5	9.8	4.1	5	1	3	1	3	1
	Black	7.4	6.3	21.6	17.4	0.0	19.5	1	1	3	3	0	2
	Native American	*	.	.	.	.	.	*	.	.	.	.	.
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
5. MD, DC, VA, WV	All	15.3	57.4	15.4	14.8	18.0	13.6	3	14	5	6	9	7
	White	13.3	57.4	13.6	13.8	20.4	10.1	2	8	2	3	6	3
	Black	21.6	54.1	6.7	17.7	15.4	19.3	1	5	1	3	3	4
	Asian/Pac. Is.	.	*	*	*	*	*	.	*	*	*	*	*
6. NC, SC, GA	All	25.2	34.5	21.0	12.3	3.2	7.4	11	15	11	9	3	7
	White	37.1	27.0	19.4	20.6	9.1	16.0	8	6	5	6	3	4
	Black	9.4	46.2	24.7	7.2	0.0	4.7	2	9	6	3	0	3
	Native American	.	*	.	.	*	*	.	*	.	.	*	*
7. FL	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	17.5	23.1	20.7	16.7	26.5	14.6	11	17	13	12	21	12
	White	27.9	36.3	21.5	21.1	43.8	19.2	6	8	4	5	10	5
	Black	12.5	16.0	22.2	9.8	17.9	11.4	5	8	9	4	9	6
8. TN, AL, MS	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	14.3	17.9	14.4	15.3	13.9	15.7	8	10	7	8	8	9
	White	18.6	15.4	17.5	22.0	11.0	10.7	5	4	4	5	3	3
9. OH, IN, KY	Black	7.8	22.0	12.7	7.2	13.2	20.7	2	6	3	2	4	6
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	25.0	28.8	25.8	18.7	10.9	11.5	12	12	12	10	6	7
	White	28.5	29.4	31.6	12.4	5.4	18.5	5	4	5	2	1	4
10. IL	Black	24.5	30.2	20.4	22.0	14.5	7.7	7	8	6	8	5	3
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	19.1	31.4	16.9	15.7	18.7	18.0	11	18	9	11	16	13
	White	26.4	32.0	17.3	16.2	19.6	24.6	10	13	7	7	10	11
11. ND, SD, MN, WI	Black	5.4	25.2	15.7	14.8	17.4	7.3	1	4	2	4	6	2
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	.	.	.	.	*	.	.	.	.	.	*	.
	All	24.8	24.8	24.7	33.1	19.2	16.1	9	12	16	17	8	7
12. NE, IA, KS, MO	White	40.5	20.4	22.8	32.4	17.3	19.6	8	5	7	7	3	3
	Black	6.2	30.8	22.3	35.7	23.0	13.3	1	7	7	10	5	3
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
	All	32.1	42.3	31.2	29.8	11.2	22.1	16	19	14	18	7	12
13. OK, AR, LA	White	42.8	32.8	16.7	33.5	12.7	19.2	12	9	4	10	4	6
	Black	22.3	65.7	46.0	31.7	11.1	25.3	4	9	7	8	3	5
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
13. OK, AR, LA	All	27.3	40.2	28.9	16.3	23.2	12.5	10	15	12	8	13	7
	White	25.9	29.3	25.5	15.3	13.9	6.4	7	7	8	6	6	3
	Black	21.1	52.2	39.7	21.6	44.3	50.5	2	7	4	2	5	4
	Native American	*	*	*	*	.	.	*	*	*	*	.	.
13. OK, AR, LA	Asian/Pac. Is.	.	.	*	*	*	*	.	.	*	*	*	*
	All	34.8	49.7	29.9	23.3	18.6	20.2	10	16	12	10	8	8
	White	25.6	29.8	14.5	35.2	13.6	21.6	3	4	3	7	3	4
	Black	41.1	66.5	47.8	8.9	24.0	19.0	7	12	8	2	5	4
13. OK, AR, LA	Native American	.	*	*	.	.	.	.	*	*	.	.	.
	Asian/Pac. Is.	*	*	*	*	.	.	*	*	*	*	.	.



Table F.31 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
14. TX	All	14.8	27.5	24.5	20.8	10.6	11.2	12	21	16	17	10	11
	White	12.6	21.5	28.2	17.2	11.7	8.0	6	11	13	10	7	5
	Black	22.5	40.7	19.5	27.5	9.7	18.6	6	9	3	6	3	6
	Native American	.	.	.	*	*	*	.	.	.	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
15. AZ, CO, NV, NM, UT, WY	All	25.4	26.7	26.3	28.1	20.1	17.4	15	19	16	17	13	14
	White	21.3	22.8	27.6	28.3	22.1	16.2	11	14	15	15	12	11
	Black	*	*	*	*	*	0.0	*	*	*	*	*	0
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
16. AK, ID, MT, OR, WA	All	8.6	23.5	9.8	16.2	12.0	19.1	4	10	5	9	6	10
	White	10.1	20.5	9.3	15.9	9.2	13.2	4	8	4	7	4	6
	Black	*	*	*	*	*	*	*	*	*	*	*	*
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*
17. Northern CA, HI, AS, Guam	All	20.7	26.5	24.1	18.4	19.3	12.5	5	9	9	7	10	6
	White	27.5	35.4	22.0	26.7	21.2	3.5	4	6	4	6	6	1
	Black	*	*	*	*	15.4	*	*	*	*	*	1	*
	Native American	*	*	*	.	.	.	*	*	*	.	.	.
	Asian/Pac. Is.	0.0	10.7	29.6	8.7	17.5	35.5	0	1	4	1	3	5
18. Southern CA	All	18.3	12.5	12.4	8.8	17.6	10.6	11	9	12	10	22	14
	White	21.4	14.7	15.3	7.2	16.3	10.3	10	8	10	6	16	11
	Black	*	0.0	5.5	11.2	12.1	7.6	*	0	1	2	2	1
	Native American	.	*	*	*	*	*	.	*	*	*	*	*
	Asian/Pac. Is.	*	11.0	10.8	23.4	33.6	19.2	*	1	1	2	3	2
Unknown Network	All	12.8	20.7	14.6	14.7	6.8	5.2	2	5	6	5	1	1
	White	19.8	0.0	15.8	18.9	7.8	6.2	2	0	5	5	1	1
	Black	*	75.3	13.0	0.0	*	*	*	4	1	0	*	*
	Native American	*	*	.	*	.	*	*	*	.	*	.	*
	Asian/Pac. Is.	*	*	*	*	*	*	*	*	*	*	*	*

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

." Zero patients in this cell.

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

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Table F.32

**Transplant Rates per 100 Patient Years on Dialysis: Cadaveric First Transplant***patients aged 20-44, by network & race*

ESRD Network	Race	First cadaveric Transplant rate						First cadaveric Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	12.4	11.4	10.7	9.1	8.4	8.2	2,734	2,669	2,736	2,540	2,423	2,438
	White	17.8	16.0	15.1	13.1	12.4	12.4	1,893	1,753	1,765	1,597	1,522	1,559
	Black	6.9	7.0	6.6	5.7	5.1	4.8	711	781	833	798	756	749
	Native American	10.0	8.2	8.1	5.8	4.4	4.2	30	28	31	28	24	22
	Asian/Pac. Is.	13.1	12.3	10.8	10.6	10.8	9.9	100	107	107	117	121	108
1 CT, MA, ME, NH, RI, VT	All	12.6	10.6	10.9	8.0	9.5	8.6	92	79	92	72	86	75
	White	15.0	13.1	14.0	8.7	11.8	9.9	76	65	77	49	66	54
	Black	6.5	5.8	4.2	6.3	5.1	6.2	13	13	11	19	16	19
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	10.8	0.0	13.6	9.4	12.1	7.5	2	0	4	3	4	2
2. NY	All	9.7	10.0	9.3	7.3	7.1	6.3	166	177	181	155	153	137
	White	15.3	15.0	14.5	12.7	12.3	12.2	117	115	113	102	98	98
	Black	4.5	5.4	5.7	3.4	3.7	2.7	38	50	60	40	46	35
	Native American	14.8	9.5	12.0	3.5	12.4	0.0	3	2	3	1	3	0
	Asian/Pac. Is.	10.9	14.7	5.9	13.6	6.9	4.6	8	10	5	12	6	4
3. NJ, PR	All	8.7	6.7	8.3	7.1	6.4	7.1	95	76	103	91	81	91
	White	11.5	6.9	10.3	9.7	8.1	8.7	67	41	67	63	49	52
	Black	5.5	6.0	5.6	4.3	4.1	5.4	27	31	31	26	26	35
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	4.2	12.9	15.5	5.8	19.5	14.9	1	4	5	2	6	4
4. PA	All	14.5	12.4	14.2	13.2	11.8	11.4	143	128	164	163	146	137
	White	19.7	18.0	20.5	17.6	17.3	17.0	100	90	112	101	99	90
	Black	8.4	7.0	8.7	8.9	6.5	6.5	39	36	51	57	42	43
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	22.6	13.1	5.0	19.4	13.5	22.0	3	2	1	4	3	4
5. MD, DC, VA, WV	All	11.7	11.1	7.9	9.1	7.4	7.0	173	168	123	162	146	144
	White	20.5	19.7	13.0	16.0	15.4	15.1	91	84	52	68	73	74
	Black	7.8	7.7	6.1	6.5	4.8	4.5	78	80	69	86	70	68
	Native American	*	*	14.1	*	10.5	23.8	*	*	1	*	1	2
	Asian/Pac. Is.	10.1	13.1	3.1	27.5	6.5	0.0	3	4	1	8	2	0
6. NC, SC, GA	All	8.4	7.5	6.7	6.2	6.2	5.6	187	182	177	180	189	180
	White	14.6	14.8	13.0	12.9	12.6	10.8	82	88	82	85	87	77
	Black	6.3	5.2	4.6	4.2	4.3	3.9	102	93	91	88	95	93
	Native American	11.2	0.0	8.8	2.7	3.3	1.4	2	0	2	2	3	1
	Asian/Pac. Is.	5.4	4.5	7.4	8.7	6.5	18.0	1	1	2	5	4	9
7. FL	All	11.4	9.7	9.8	7.6	8.5	8.1	129	117	124	109	133	134
	White	17.1	16.1	15.4	10.8	12.2	12.2	90	88	86	64	72	77
	Black	4.8	3.6	5.0	5.2	6.3	5.3	28	23	34	42	59	53
	Native American	*	*	*	14.9	*	*	*	*	*	1	*	*
	Asian/Pac. Is.	35.0	22.9	17.4	7.6	7.8	12.3	7	5	4	2	2	3
8. TN, AL, MS	All	12.7	9.9	9.8	9.9	7.1	7.6	169	139	151	171	132	146
	White	17.5	16.0	14.8	18.7	13.8	12.9	67	64	61	81	65	63
	Black	10.7	7.4	7.9	7.1	4.8	5.8	100	73	87	90	65	81
	Native American	*	0.0	0.0	0.0	0.0	7.3	*	0	0	0	0	1
	Asian/Pac. Is.	*	20.8	32.9	0.0	16.5	8.8	*	2	3	0	2	1
9. OH, IN, KY	All	18.2	15.6	14.5	10.8	10.9	11.1	265	233	224	189	208	218
	White	24.6	21.1	18.9	15.6	13.9	13.9	200	170	154	138	135	144
	Black	10.1	9.3	9.5	6.1	7.4	7.8	63	62	67	51	67	70
	Native American	*	*	*	*	*	14.0	*	*	*	*	*	1
	Asian/Pac. Is.	6.3	5.9	11.1	0.0	27.9	19.5	1	1	2	0	6	3
10. IL	All	13.8	14.4	13.7	10.7	10.3	8.7	133	147	158	136	133	112
	White	21.7	22.5	20.8	16.9	18.6	13.3	87	91	92	80	89	63
	Black	8.0	9.1	8.5	7.1	4.7	5.5	43	54	59	55	37	44
	Native American	11.1	25.4	*	*	*	*	1	2	*	*	*	*
	Asian/Pac. Is.	13.1	0.0	17.5	4.5	31.0	28.4	2	0	3	1	7	5
11. ND, SD, MN, WI	All	14.8	14.7	13.8	11.3	11.2	9.4	192	202	210	189	188	157
	White	23.0	22.3	19.4	17.8	15.8	15.8	152	151	142	138	120	117
	Black	5.4	7.1	8.4	5.0	7.0	3.8	31	45	59	40	57	32
	Native American	9.1	8.3	4.6	9.6	8.2	6.9	3	3	2	5	5	4
	Asian/Pac. Is.	25.8	11.2	19.0	13.8	15.5	8.7	6	3	7	6	6	4
12. NE, IA, KS, MO	All	16.7	18.3	12.7	10.7	9.4	11.0	135	148	112	101	93	115
	White	21.8	22.9	17.0	14.2	13.0	15.7	110	111	87	77	72	92
	Black	8.5	11.0	6.8	5.8	4.6	4.5	24	33	23	21	18	19
	Native American	10.8	10.1	6.6	5.7	4.8	6.3	1	1	1	1	1	1
	Asian/Pac. Is.	0.0	21.6	6.4	10.9	10.6	19.0	0	3	1	2	2	3

Table F.32 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	12.7	11.4	10.8	7.1	6.2	6.5	127	119	124	90	85	92
	White	23.5	15.2	17.9	10.1	11.2	11.5	84	53	64	38	45	47
	Black	6.0	8.9	7.8	5.9	4.3	4.4	36	58	58	50	39	41
	Native American	11.1	14.9	5.0	4.2	1.7	3.3	4	6	2	2	1	2
	Asian/Pac. Is.	42.5	26.3	*	*	0.0	18.1	3	2	*	*	0	2
14. TX	All	11.0	11.7	11.4	9.5	8.6	8.1	197	231	245	215	201	199
	White	14.7	14.0	15.2	11.7	10.6	10.8	153	157	179	144	133	141
	Black	4.9	7.8	6.7	6.2	5.9	4.5	35	63	61	61	61	49
	Native American	*	10.8	28.2	25.9	0.0	0.0	*	1	3	3	0	0
	Asian/Pac. Is.	26.1	26.9	4.6	16.8	16.6	17.8	9	10	2	7	7	9
15. AZ, CO, NV, NM, UT, WY	All	12.2	13.1	13.3	11.2	8.7	10.1	109	129	139	122	102	121
	White	14.4	14.9	17.3	13.3	10.0	12.6	93	105	127	98	78	101
	Black	6.8	10.7	3.3	8.5	7.7	4.9	8	14	5	14	14	9
	Native American	4.3	6.4	4.0	3.5	1.7	3.3	4	7	5	5	3	6
	Asian/Pac. Is.	12.2	8.7	5.7	12.3	21.1	18.4	4	3	2	5	7	5
16. AK, ID, MT, OR, WA	All	17.5	14.6	14.1	12.6	8.9	10.6	113	100	100	94	69	84
	White	20.3	15.9	15.1	14.6	10.3	12.6	102	85	81	81	58	72
	Black	8.5	6.9	5.8	6.8	4.1	2.4	7	6	6	8	5	3
	Native American	0.0	4.7	13.5	4.4	3.2	2.7	0	1	3	1	1	1
	Asian/Pac. Is.	9.2	18.8	21.4	7.6	8.1	14.2	4	8	10	4	5	8
17. Northern CA, HI, AS, Guam	All	13.4	11.2	11.5	10.1	10.6	9.2	123	113	122	112	115	102
	White	17.9	12.6	15.7	14.3	15.5	11.0	83	61	75	69	72	52
	Black	5.6	7.2	6.6	4.8	4.7	7.7	13	18	19	15	14	23
	Native American	8.6	6.5	13.5	8.4	19.1	*	1	1	2	1	2	*
	Asian/Pac. Is.	12.3	12.8	9.4	9.1	8.7	8.0	26	33	26	27	27	26
18. Southern CA	All	11.9	10.4	9.1	8.8	7.7	8.3	158	149	147	153	135	148
	White	14.7	13.3	10.2	10.4	8.8	10.3	119	112	95	105	92	110
	Black	6.0	5.7	5.4	5.2	4.1	4.6	22	23	25	26	21	24
	Native American	17.4	5.1	9.2	10.5	14.4	8.7	3	1	2	2	2	1
	Asian/Pac. Is.	10.8	7.9	13.2	9.8	10.1	7.6	14	13	25	20	20	13
Unknown Network	All	9.5	8.4	6	5.1	6.3	9.7	28	32	40	36	28	46
	White	10.9	9	4.3	3.4	7.3	12.7	20	22	19	16	19	35
	Black	5.2	6.2	10.5	4.9	3.3	6.5	4	6	17	9	4	8
	Native American	*	*	*	*	*	*	*	*	*	*	*	*
	Asian/Pac. Is.	12.6	8.1	8.1	17.1	8.5	4.2	4	3	4	9	5	3

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

" " Zero patients in this cell.

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

Table F.33

**Transplant Rates per 100 Patient Years on Dialysis: Cadaveric First Transplant**

patients aged 45-64, by network & race

ESRD Network	Race	First cadaveric Transplant rate						First cadaveric Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	5.3	5.0	4.7	4.6	4.5	4.1	2,590	2,662	2,791	2,992	3,101	3,035
	White	7.4	6.5	6.4	6.1	5.9	5.4	1,789	1,702	1,865	1,932	1,982	1,945
	Black	3.0	3.3	2.9	2.9	2.9	2.6	662	787	767	868	935	891
	Native American	3.7	4.6	3.6	3.5	2.5	3.1	40	54	47	56	42	53
	Asian/Pac. Is.	6.5	7.0	5.6	5.7	5.7	5.5	99	119	112	136	142	146
1 CT, MA, ME, NH, RI, VT	All	7.9	7.1	5.9	6.0	6.1	4.9	131	127	117	129	138	120
	White	8.6	8.1	7.0	6.8	6.8	5.4	105	107	101	104	108	92
	Black	4.9	3.2	2.6	3.9	3.9	3.5	19	14	13	22	24	23
	Native American	20.0	25.5	17.7	8.6	10.4	0.0	2	2	2	1	1	0
	Asian/Pac. Is.	13.9	12.9	2.5	4.0	10.1	9.9	5	4	1	2	5	5
2. NY	All	4.1	4.1	4.1	3.9	3.7	3.4	162	171	189	199	202	193
	White	6.6	5.4	6.5	6.4	4.9	5.4	120	99	128	135	108	128
	Black	1.5	2.5	2.1	1.8	2.8	1.7	30	56	52	51	82	51
	Native American	2.7	2.9	4.9	1.9	5.3	2.1	1	1	2	1	3	1
	Asian/Pac. Is.	9.6	11.8	5.1	7.1	5.0	7.2	11	15	7	12	9	13
3. NJ, PR	All	3.8	3.6	3.0	3.5	3.6	3.1	97	97	91	113	117	103
	White	4.7	4.1	3.3	4.2	3.9	3.5	69	64	58	75	71	64
	Black	2.2	2.7	2.2	2.6	3.0	2.3	22	30	27	34	41	33
	Native American	*	*	0.0	0.0	*	*	*	*	0	0	*	*
	Asian/Pac. Is.	10.2	4.8	8.7	6.2	8.2	9.9	6	3	6	4	5	6
4. PA	All	5.4	5.9	5.7	6.8	6.6	6.0	134	150	159	208	214	207
	White	7.6	7.3	7.6	8.6	8.5	7.2	100	98	114	143	151	135
	Black	2.8	4.4	3.4	4.5	4.3	4.3	31	51	42	61	61	65
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	9.9	3.4	8.3	12.5	6.1	20.6	3	1	3	4	2	7
5. MD, DC, VA, WV	All	5.3	4.8	4.8	4.9	4.5	3.9	168	164	172	202	211	194
	White	9.4	7.1	7.2	8.5	6.7	6.1	94	73	77	104	93	92
	Black	3.3	3.7	3.5	3.4	3.4	2.9	69	86	85	95	109	97
	Native American	*	*	12.8	0.0	8.7	6.8	*	*	1	0	1	1
	Asian/Pac. Is.	9.5	9.6	16.7	4.7	11.5	5.2	4	5	9	3	8	4
6. NC, SC, GA	All	2.8	3.6	2.9	3.2	3.1	3.0	142	199	180	226	233	235
	White	4.7	5.8	5.7	5.3	5.1	5.7	61	81	91	90	94	111
	Black	2.1	2.8	1.9	2.5	2.3	2.0	76	112	87	123	120	111
	Native American	1.7	4.5	1.2	2.1	2.2	2.5	1	3	1	5	6	6
	Asian/Pac. Is.	12.3	8.7	2.2	6.2	10.2	6.6	4	3	1	8	13	7
7. FL	All	5.5	5.1	5.3	4.6	5.0	4.4	142	143	157	150	179	170
	White	9.4	7.7	7.7	6.7	7.4	5.7	112	101	106	100	113	97
	Black	2.1	2.7	3.1	2.7	3.1	3.3	28	39	48	48	62	68
	Native American	0.0	0.0	0.0	0.0	7.1	6.5	0	0	0	0	1	1
	Asian/Pac. Is.	5.8	7.0	7.0	4.4	5.7	6.6	2	3	3	2	3	4
8. TN, AL, MS	All	4.3	4.1	4.3	3.3	3.2	3.0	139	143	164	138	145	145
	White	7.3	6.8	7.7	6.1	5.1	5.3	74	75	95	82	74	81
	Black	2.9	2.9	2.6	2.0	2.3	2.0	63	68	66	56	69	63
	Native American	8.5	0.0	6.2	0.0	3.9	0.0	1	0	1	0	1	0
	Asian/Pac. Is.	6.0	0.0	12.8	0.0	3.9	4.0	1	0	2	0	1	1
9. OH, IN, KY	All	6.1	5.5	6.4	5.6	5.6	5.5	196	189	236	235	255	270
	White	7.4	6.1	7.4	6.8	6.6	6.7	140	123	159	166	176	196
	Black	4.2	4.4	4.7	3.9	3.9	3.5	54	62	70	66	73	69
	Native American	18.2	6.9	35.7	10.3	7.1	20.3	2	1	4	1	1	2
	Asian/Pac. Is.	0.0	13.5	14.7	8.4	16.6	11.3	0	3	3	2	5	3
10. IL	All	5.0	5.6	5.3	5.4	5.2	4.3	108	132	141	158	157	135
	White	6.5	7.6	6.5	7.1	7.0	6.0	64	82	79	93	94	85
	Black	3.5	3.6	3.9	4.2	3.7	2.7	39	45	53	64	59	44
	Native American	19.9	15.5	7.8	0.0	0.0	13.8	3	2	1	0	0	2
	Asian/Pac. Is.	5.5	7.6	14.4	1.7	5.5	5.0	2	3	8	1	4	4
11. ND, SD, MN, WI	All	7.8	6.7	6.1	5.2	5.1	5.3	217	203	208	199	207	229
	White	10.5	7.7	8.6	7.6	7.2	6.6	166	131	163	154	156	154
	Black	4.0	4.6	2.7	1.9	2.6	3.7	42	54	37	30	43	65
	Native American	5.2	10.5	3.3	7.2	1.7	4.0	6	13	5	13	3	8
	Asian/Pac. Is.	12.8	18.3	7.6	3.9	8.3	3.3	3	5	3	2	5	2
12. NE, IA, KS, MO	All	6.9	7.3	6.4	6.0	6.4	6.6	120	136	135	138	152	171
	White	8.9	9.0	8.0	8.0	8.4	7.7	93	99	101	108	117	119
	Black	3.8	4.3	3.9	3.1	3.1	4.5	24	30	31	27	28	43
	Native American	4.9	6.9	7.1	2.0	9.1	9.1	2	3	3	1	5	5
	Asian/Pac. Is.	4.6	19.4	0.0	7.4	6.0	14.3	1	4	0	2	2	4





Table F.33 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	4.6	5.1	4.0	3.5	3.6	2.6	100	119	104	104	117	89
	White	7.7	7.8	5.5	5.5	6.3	4.4	62	68	54	59	73	54
	Black	2.7	3.1	3.0	2.3	2.2	1.6	33	41	45	39	41	32
	Native American	3.8	5.1	3.6	3.8	0.6	1.7	5	7	5	6	1	3
	Asian/Pac. Is.	0.0	12.0	0.0	0.0	8.4	0.0	0	3	0	0	2	0
14. TX	All	5.3	4.6	4.4	4.5	4.2	3.8	210	205	218	240	245	237
	White	6.1	5.3	5.2	4.9	5.1	4.1	148	144	159	162	183	163
	Black	3.7	3.1	2.9	3.5	2.4	3.1	54	50	50	67	51	68
	Native American	12.1	7.7	6.8	8.8	4.9	4.0	3	2	2	3	2	2
	Asian/Pac. Is.	6.4	12.0	8.7	8.8	10.9	4.4	5	9	7	8	9	4
15. AZ, CO, NV, NM, UT, WY	All	6.9	5.3	5.4	5.2	4.3	3.8	130	110	126	135	121	114
	White	8.4	6.5	6.4	5.8	5.0	4.6	105	88	97	99	93	92
	Black	5.5	4.3	4.4	4.5	4.3	2.6	11	9	10	12	12	8
	Native American	2.4	2.5	2.9	2.9	1.5	1.7	10	12	15	17	9	11
	Asian/Pac. Is.	11.8	2.8	7.8	12.3	11.0	4.3	4	1	4	7	7	3
16. AK, ID, MT, OR, WA	All	8.7	8.4	5.9	6.6	5.3	4.9	97	100	81	100	88	86
	White	10.0	9.8	6.6	7.3	5.5	4.5	85	89	69	82	69	61
	Black	6.3	2.1	3.1	3.1	3.5	3.6	8	3	5	6	7	7
	Native American	1.6	3.1	2.5	1.1	5.6	5.2	1	2	2	1	5	5
	Asian/Pac. Is.	4.5	7.5	5.5	10.2	5.9	9.6	3	6	5	11	7	13
17. Northern CA, HI, AS, Guam	All	4.9	4.6	5.0	4.4	4.9	3.5	95	100	122	118	136	105
	White	5.8	6.0	7.3	5.1	6.3	4.1	53	62	85	63	80	54
	Black	4.5	2.0	2.6	3.0	3.4	2.0	19	9	13	16	20	13
	Native American	0.0	2.2	0.0	7.2	4.6	8.6	0	1	0	3	2	4
	Asian/Pac. Is.	4.1	4.5	3.3	4.3	3.8	3.6	23	28	24	36	34	34
18. Southern CA	All	6.3	5.3	4.6	4.2	3.9	4.5	172	155	156	160	153	183
	White	6.9	5.9	5.2	3.8	4.1	5.0	118	109	109	93	104	131
	Black	4.9	3.2	2.8	4.1	3.0	2.6	34	23	23	38	27	24
	Native American	3.9	7.4	3.2	6.0	2.1	2.0	2	4	2	3	1	1
	Asian/Pac. Is.	7.4	6.5	5.8	6.3	5.1	6.0	18	19	22	26	21	27
Unknown Network	All	5.1	2.5	2.8	3.0	3.3	4.6	30	19	35	40	31	49
	White	5.5	1.9	2.4	2.3	4.3	5.5	20	9	20	20	25	36
	Black	3.5	2.4	3	3.5	2.6	2.8	6	5	10	13	6	7
	Native American	0	7.1	7.6	6.5	0	7.2	0	1	1	1	0	1
	Asian/Pac. Is.	9.5	6.1	4.9	5.8	0	3.6	4	4	4	6	0	5

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

"-" Zero patients in this cell.

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

Table F.34

**Transplant Rates per 100 Patient Years on Dialysis: Cadaveric First Transplant**

*patients aged 65 & over, by network & race*

ESRD Network	Race	First cadaveric Transplant rate						First cadaveric Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
All	All	0.6	0.6	0.6	0.6	0.6	0.7	377	424	471	516	513	650
	White	0.7	0.8	0.8	0.8	0.7	0.8	308	342	380	405	387	501
	Black	0.3	0.3	0.3	0.3	0.4	0.4	57	64	80	93	109	130
	Native American	0.6	0.7	0.2	0.3	0.3	0.2	5	6	2	3	4	2
	Asian/Pac. Is.	0.4	0.5	0.3	0.5	0.4	0.5	7	12	9	15	13	17
1 CT, MA, ME, NH, RI, VT	All	0.7	0.5	0.9	0.6	0.4	0.8	21	18	34	26	18	36
	White	0.7	0.5	0.9	0.7	0.4	0.9	18	15	30	24	13	34
	Black	0.7	0.5	0.9	0.4	1.0	0.4	3	2	4	2	5	2
	Native American	*	9.4	0.0	0.0	0.0	0.0	*	1	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
2. NY	All	0.5	0.5	0.5	0.6	0.6	0.6	23	27	32	39	42	42
	White	0.7	0.7	0.6	0.8	0.7	0.8	21	23	22	32	28	34
	Black	0.1	0.2	0.4	0.3	0.4	0.3	2	3	9	6	10	7
	Native American	0.0	0.0	2.6	0.0	4.5	0.0	0	0	1	0	2	0
	Asian/Pac. Is.	0.0	0.7	0.0	0.5	0.9	0.4	0	1	0	1	2	1
3. NJ, PR	All	0.2	0.5	0.6	0.6	0.6	0.4	7	15	19	20	21	16
	White	0.3	0.6	0.8	0.8	0.6	0.4	6	13	18	20	17	10
	Black	0.1	0.2	0.1	0.0	0.4	0.4	1	2	1	0	4	5
	Native American	*	0.0	0.0	0.0	0.0	0.0	*	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	1.2	0	0	0	0	0	1
4. PA	All	1.0	0.8	1.1	1.2	1.0	1.2	39	34	48	60	49	66
	White	1.2	1.0	1.2	1.3	1.0	1.4	33	28	39	44	38	53
	Black	0.6	0.4	0.7	1.1	0.8	0.9	6	5	9	15	11	13
	Native American	*	*	*	0.0	0.0	0.0	*	*	*	0	0	0
	Asian/Pac. Is.	0.0	2.7	0.0	2.6	0.0	0.0	0	1	0	1	0	0
5. MD, DC, VA, WV	All	0.6	0.6	0.6	0.6	0.6	1.0	22	25	28	31	34	60
	White	0.6	0.9	1.2	0.9	1.1	1.3	11	17	23	19	25	34
	Black	0.5	0.3	0.2	0.4	0.3	0.8	10	7	5	12	9	25
	Native American	8.9	0.0	0.0	0.0	0.0	7.1	1	0	0	0	0	1
	Asian/Pac. Is.	0.0	1.6	0.0	0.0	0.0	0.0	0	1	0	0	0	0
6. NC, SC, GA	All	0.3	0.3	0.3	0.3	0.4	0.3	16	18	16	21	26	19
	White	0.7	0.8	0.3	0.5	0.6	0.4	11	14	7	12	14	10
	Black	0.2	0.1	0.2	0.2	0.3	0.2	5	4	9	9	12	9
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
7. FL	All	0.5	1.0	0.8	0.9	0.9	1.0	22	46	37	45	49	59
	White	0.6	1.2	0.9	0.9	1.1	1.0	19	39	32	34	38	40
	Black	0.3	0.6	0.3	0.5	0.6	0.9	3	7	4	8	11	17
	Native American	0.0	0.0	0.0	6.3	0.0	0.0	0	0	0	1	0	0
	Asian/Pac. Is.	0.0	0.0	2.4	4.7	0.0	4.1	0	0	1	2	0	2
8. TN, AL, MS	All	0.3	0.3	0.3	0.3	0.2	0.3	10	10	14	12	9	17
	White	0.6	0.5	0.7	0.5	0.2	0.6	8	7	12	9	5	14
	Black	0.1	0.1	0.1	0.1	0.1	0.1	2	3	2	3	4	3
	Native American	*	0.0	*	*	0.0	0.0	*	0	*	*	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
9. OH, IN, KY	All	0.6	0.6	0.6	0.6	0.7	0.8	29	30	33	35	49	53
	White	0.7	0.7	0.6	0.7	0.8	0.8	23	26	24	28	37	41
	Black	0.4	0.2	0.4	0.4	0.6	0.6	6	4	8	7	12	12
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	2.8	0.0	0.0	0.0	0	0	1	0	0	0
10. IL	All	0.5	0.4	0.5	0.4	0.3	0.5	16	12	19	17	11	22
	White	0.7	0.5	0.5	0.5	0.3	0.7	13	10	12	12	7	18
	Black	0.3	0.2	0.6	0.4	0.2	0.3	3	2	7	5	3	4
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	1.2	0.0	0	0	0	0	1	0
11. ND, SD, MN, WI	All	0.8	1.0	0.7	0.9	0.8	1.0	34	47	36	53	49	67
	White	0.9	1.1	0.8	1.1	0.8	1.2	31	39	33	48	40	59
	Black	0.1	0.4	0.2	0.3	0.6	0.5	1	4	3	4	8	8
	Native American	2.1	1.8	0.0	0.0	0.8	0.0	2	2	0	0	1	0
	Asian/Pac. Is.	0.0	3.5	0.0	1.4	0.0	0.0	0	2	0	1	0	0
12. NE, IA, KS, MO	All	0.7	1.2	0.6	0.6	0.6	0.5	21	38	21	23	22	19
	White	0.7	1.2	0.7	0.6	0.6	0.4	16	28	18	17	17	13
	Black	0.6	1.2	0.3	0.5	0.6	0.7	4	9	2	4	5	6
	Native American	4.0	0.0	0.0	2.4	0.0	0.0	1	0	0	1	0	0
	Asian/Pac. Is.	0.0	3.0	2.9	2.8	0.0	0.0	0	1	1	1	0	0



Table F.34 (continued)

ESRD Network	Race	Transplant rate						Transplant count					
		1993	1994	1995	1996	1997	1998	1993	1994	1995	1996	1997	1998
13. OK, AR, LA	All	0.4	0.4	0.4	0.5	0.3	0.4	10	11	13	17	11	14
	White	0.6	0.7	0.5	0.7	0.4	0.5	8	9	8	11	7	10
	Black	0.2	0.1	0.3	0.4	0.2	0.2	2	2	4	6	3	4
	Native American	0.0	0.0	0.9	0.0	0.8	0.0	0	0	1	0	1	0
	Asian/Pac. Is.	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
14. TX	All	0.5	0.6	0.6	0.5	0.5	0.6	23	29	31	27	34	38
	White	0.6	0.7	0.7	0.6	0.7	0.6	17	22	26	23	31	30
	Black	0.4	0.3	0.3	0.2	0.2	0.4	6	5	4	3	3	8
	Native American	0.0	5.0	0.0	0.0	0.0	0.0	0	1	0	0	0	0
	Asian/Pac. Is.	0.0	1.3	1.2	1.2	0.0	0.0	0	1	1	1	0	0
15. AZ, CO, NV, NM, UT, WY	All	1.0	0.7	1.0	0.6	0.7	0.9	24	19	29	18	22	32
	White	1.2	0.8	1.2	0.5	0.7	1.0	22	16	27	13	18	29
	Black	0.6	0.5	1.0	1.5	0.9	0.8	1	1	2	3	2	2
	Native American	0.0	0.3	0.0	0.3	0.0	0.2	0	1	0	1	0	1
	Asian/Pac. Is.	2.4	1.9	0.0	1.7	2.6	0.0	1	1	0	1	2	0
16. AK, ID, MT, OR, WA	All	0.5	0.3	0.6	0.8	0.5	0.8	8	5	13	17	11	18
	White	0.5	0.3	0.6	0.9	0.5	0.7	7	5	10	16	9	14
	Black	0.0	0.0	0.7	0.7	0.6	1.1	0	0	1	1	1	2
	Native American	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0
	Asian/Pac. Is.	2.1	0.0	2.5	0.0	0.7	1.3	1	0	2	0	1	2
17. Northern CA, HI, AS, Guam	All	0.5	0.6	0.4	0.5	0.6	0.7	15	19	14	19	23	29
	White	0.8	0.7	0.5	0.7	0.8	1.0	13	12	10	14	17	22
	Black	0.0	0.5	0.2	0.4	0.2	0.3	0	3	1	2	1	2
	Native American	0.0	2.0	0.0	0.0	0.0	0.0	0	1	0	0	0	0
	Asian/Pac. Is.	0.3	0.3	0.3	0.3	0.4	0.4	2	3	3	3	5	5
18. Southern CA	All	0.8	0.4	0.5	0.6	0.5	0.6	32	19	26	30	29	37
	White	0.9	0.5	0.7	0.7	0.6	0.8	26	17	23	26	23	31
	Black	0.3	0.1	0.4	0.1	0.6	0.1	2	1	3	1	5	1
	Native American	1.3	0.0	0.0	0.0	0.0	0.0	1	0	0	0	0	0
	Asian/Pac. Is.	0.7	0.2	0.0	0.4	0.1	0.6	3	1	0	3	1	5
Unknown Network	All	0.8	0.3	0.6	0.5	0.6	1.1	5	2	8	6	4	6
	White	1.2	0.4	0.7	0.4	0.7	1.5	5	2	6	3	3	5
	Black	0	0	0.7	0.8	0	0	0	0	2	2	0	0
	Native American	*	*	0	0	0	0	*	*	0	0	0	0
	Asian/Pac. Is.	0	0	0	0.6	0.9	1.1	0	0	0	1	1	1

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

" " Zero patients in this cell.

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

Table F.35

**Standardized First Transplant Ratios***by state*

	1996-1998	1996	1997	1998
All	1.05	1.12	1.05	1.00
Alabama	0.90	1.06	0.90	0.77
Arizona	1.37	1.37	1.27	1.50
Arkansas	0.90	0.92	0.85	0.93
California	1.16	1.27	1.21	1.03
Colorado	1.08	1.15	1.09	1.01
Connecticut	1.31	1.36	1.39	1.19
Delaware	1.08	1.40	0.92	0.94
District of Columbia	1.44	1.62	1.24	1.48
Florida	0.32	0.44	0.30	0.25
Georgia	0.97	0.97	1.05	0.91
Hawaii	0.64	0.62	0.67	0.63
Illinois	0.62	0.50	0.72	0.65
Indiana	1.25	1.37	1.23	1.18
Iowa	1.13	1.06	1.08	1.22
Kansas	1.92	1.82	1.87	2.06
Kentucky	1.09	1.00	1.14	1.12
Louisiana	1.45	1.50	1.58	1.29
New England*	0.65	0.70	0.67	0.59
Maryland	1.89	2.14	1.68	1.86
Massachusetts	1.13	1.12	1.14	1.14
Michigan	1.54	1.45	1.73	1.44
Minnesota	1.19	1.28	1.23	1.07
Mississippi	2.25	2.66	2.11	2.00
Missouri	0.62	0.65	0.58	0.62
Nebraska	1.25	1.23	1.21	1.31
New Jersey	1.48	1.76	1.33	1.37
New Mexico	1.00	1.13	1.03	0.87
New York	0.91	1.31	0.70	0.79
North Carolina	0.87	0.90	0.89	0.82
North Dakota	0.76	0.81	0.75	0.72
Ohio	2.31	3.16	1.83	2.16
Oklahoma	1.34	1.37	1.35	1.30
Oregon	1.00	1.20	0.87	0.95
Pennsylvania	1.31	1.48	1.35	1.13
Puerto Rico & Virgin Islands	1.37	1.44	1.40	1.27
Rhode Island	0.43	0.27	0.39	0.61
South Carolina	1.96	1.91	2.31	1.66
South Dakota	0.87	0.93	0.86	0.82
Tennessee	1.27	1.26	1.14	1.39
Texas	0.92	0.95	0.94	0.86
Utah	0.94	1.03	0.92	0.88
Virginia	2.07	2.15	1.89	2.16
Washington	1.01	1.10	0.96	0.98
West Virginia	1.36	1.43	1.19	1.45
Western Mountain States**	1.91	2.31	1.77	1.69
Wisconsin	2.10	2.35	2.02	1.96
Guam	0.10	0.21	0.15	0.00
Northern Marianas	0.14	0.59	0.00	0.00

Some states have been combined due to the small number of dialysis units.

\*New England includes Maine, Vermont, and New Hampshire.

\*\*Western Mountain States includes Nevada, Wyoming, Idaho, Montana, and Alaska.

Patients who died from AIDS are excluded from all calculations.

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

Table F.36

**Mean Time in Days to First Transplant, Cadaveric Donor***from first ESRD service day*

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0- 4	417	368	441	526	479	430	402	291	394	484
5- 9	390	399	389	404	380	750	637	501	477	498
10-14	558	515	482	578	569	548	394	494	389	466
15-19	475	548	502	572	605	663	634	628	549	517
20-24	687	635	714	740	696	687	804	791	740	830
25-29	676	738	667	794	714	695	778	738	834	904
30-34	758	703	713	752	756	824	785	806	777	917
35-39	752	746	813	846	837	846	856	788	887	954
40-44	789	813	796	837	887	895	805	835	933	1,048
45-49	798	825	843	894	845	833	814	870	900	1,009
50-54	843	849	794	925	788	859	933	914	970	1,000
55-59	879	918	839	848	871	860	859	873	946	970
60-64	824	895	921	897	831	837	875	878	1,032	959
65 +	990	816	816	923	884	798	898	859	924	949
White	722	738	720	777	726	740	756	753	808	840
Black	923	896	937	996	1,047	1,062	975	983	1,097	1,205
Other	780	832	832	868	834	854	909	964	871	1,044
Female	830	819	824	874	844	856	874	864	965	985
Male	736	755	748	810	787	801	798	809	847	936
Diabetes	491	493	537	585	590	660	657	649	690	748
Hypertension	823	878	839	867	921	962	987	995	1,104	1,236
Glomerulonephritis	884	935	904	968	928	889	964	995	1,068	1,145
Cystic Kidney	772	789	726	762	665	762	768	674	789	849
Other Urologic	799	753	895	953	915	845	977	974	870	900
Other Cause	892	946	950	1,046	995	956	1,021	987	1,002	1,158
Unknown Cause	939	978	904	1,092	875	956	1,028	1,130	1,147	1,125
Missing Cause	770	613	676	736	728	695	444	528	666	639
Total	773	780	778	835	810	823	827	830	893	956

Table F.37

**Median Time in Days to First Transplant, Cadaveric Donor***from first ESRD service day*

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	409	285	374	463	430	427	277	127	243	375
5-9	302	336	264	287	245	382	220	311	215	323
10-14	289	258	323	306	460	418	241	298	281	393
15-19	280	354	349	415	439	466	473	410	348	390
20-24	395	383	487	547	533	536	560	645	572	692
25-29	430	420	434	518	508	551	577	587	608	684
30-34	444	419	420	500	502	586	537	560	571	638
35-39	469	408	494	511	542	570	601	539	612	715
40-44	452	438	474	470	602	577	608	604	621	718
45-49	490	524	519	590	576	565	588	640	668	761
50-54	556	541	536	602	588	628	658	640	731	775
55-59	619	572	583	624	646	660	682	670	765	786
60-64	565	644	667	642	594	671	687	724	777	794
65+	742	715	635	695	687	670	780	694	754	786
White	429	418	445	471	485	520	533	542	575	623
Black	646	626	685	758	822	868	792	805	903	1,023
Other	500	533	594	626	684	651	719	767	711	776
Female	521	499	529	564	578	600	633	630	679	737
Male	461	454	486	532	566	584	597	607	641	721
Diabetes	375	359	415	448	479	517	551	542	567	614
Hypertension	608	622	629	659	720	750	765	826	905	1,051
Glomerulonephritis	545	529	572	607	613	612	678	740	754	846
Cystic Kidney	482	534	497	500	488	524	560	494	572	631
Other Urologic	496	478	602	476	591	543	644	653	569	529
Other Cause	584	595	580	645	697	685	747	701	749	759
Unknown Cause	525	621	531	634	555	625	728	854	814	911
Missing Cause	215	206	225	297	382	265	0	188	345	464
Total	482	469	502	542	569	591	608	614	654	727

Table F.38

**Mean Time in Days to First Transplant, Living Donor***from first ESRD service day*

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0- 4	214	260	261	267	278	281	659	328	337	307
5- 9	206	236	224	209	190	204	154	414	270	248
10-14	197	196	159	136	276	172	239	259	262	221
15-19	377	201	241	275	334	190	224	226	252	344
20-24	293	274	290	320	363	329	301	345	351	448
25-29	341	354	350	371	464	319	401	375	472	465
30-34	410	468	401	340	394	398	367	534	438	454
35-39	573	382	292	349	460	452	478	451	535	508
40-44	363	357	391	431	458	509	421	484	530	475
45-49	416	451	455	389	457	439	445	525	500	474
50-54	377	409	501	544	344	344	508	556	390	493
55-59	449	375	503	475	378	548	530	464	487	415
60-64	359	473	410	473	554	552	404	494	474	474
65 +	437	1,028	603	482	578	646	422	623	519	457
White	380	348	340	343	405	362	379	435	428	413
Black	337	429	475	500	472	524	471	558	550	623
Other	490	363	371	306	344	441	553	443	434	485
Female	385	371	379	379	437	418	414	492	494	483
Male	377	350	342	352	392	375	398	428	416	429
Diabetes	227	265	293	261	283	342	346	356	344	372
Hypertension	397	405	358	452	469	553	493	531	657	577
Glomerulonephritis	427	315	391	449	467	436	465	535	468	451
Cystic Kidney	465	358	277	232	345	333	348	332	345	320
Other Urologic	446	461	398	307	562	479	349	375	383	333
Other Cause	499	522	416	424	447	392	435	563	490	484
Unknown Cause	549	456	637	417	610	396	528	440	641	653
Missing Cause	251	249	184	222	269	187	192	274	313	448
Total	380	359	358	364	411	393	405	455	449	451

Table F.39

**Median Time in Days to First Transplant, Living Donor***from first ESRD service day*

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	153	156	110	146	243	162	305	235	264	215
5-9	77	39	49	55	21	47	0	109	121	135
10-14	75	54	1	12	112	100	108	62	110	60
15-19	141	117	126	117	117	91	105	104	155	172
20-24	148	159	162	145	173	193	190	205	217	293
25-29	150	184	163	166	185	189	211	229	254	259
30-34	166	179	166	140	179	190	205	225	209	252
35-39	189	143	174	183	167	215	206	203	250	251
40-44	184	173	105	184	187	215	220	236	225	260
45-49	165	174	262	168	224	232	250	249	240	282
50-54	216	240	264	294	223	250	250	234	233	284
55-59	231	290	218	257	212	310	361	281	322	288
60-64	249	288	268	220	313	331	274	314	343	363
65+	369	312	342	282	384	332	413	347	442	320
White	150	153	154	141	174	189	192	202	216	230
Black	259	228	237	284	242	295	316	325	317	446
Other	228	212	218	193	245	226	272	231	263	370
Female	150	175	174	171	177	220	211	218	252	282
Male	168	156	157	155	194	196	221	219	226	253
Diabetes	159	154	166	185	190	232	226	245	224	270
Hypertension	256	244	277	278	263	313	329	345	402	387
Glomerulonephritis	189	180	190	189	202	200	236	216	230	259
Cystic Kidney	148	124	148	77	71	127	129	134	141	146
Other Urologic	212	190	194	82	145	178	208	136	154	159
Other Cause	207	208	189	175	205	231	237	202	232	244
Unknown Cause	209	223	175	164	222	202	239	244	271	311
Missing Cause	0	0	0	0	0	0	0	0	157	282
Total	161	163	164	161	188	203	216	219	237	266