



# SECTION G

Transplantation:  
Outcomes



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Table G.1

**Counts of First Renal Transplants: Cadaveric**

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	*	*	*	12	13	17	29	32	30	36	29	26	41	27	30	24	27	23	21	22
5-9	12	22	17	31	27	25	34	38	44	35	45	43	33	34	26	35	36	36	42	30
10-14	39	59	57	55	63	59	70	77	80	88	73	63	60	59	46	53	75	68	61	68
15-19	86	104	105	104	114	138	143	148	163	182	160	151	153	127	121	126	200	149	111	87
20-24	136	151	185	227	225	231	282	299	344	278	279	270	299	298	263	267	224	260	204	171
25-29	161	189	244	242	330	368	410	408	524	509	451	541	547	510	470	485	451	470	406	429
30-34	164	237	275	343	421	481	569	553	744	649	666	634	670	696	690	731	700	673	599	561
35-39	171	204	233	305	379	510	584	646	781	782	789	744	811	769	771	807	847	860	765	683
40-44	148	188	243	284	358	396	498	559	708	791	757	815	873	888	863	918	913	888	903	868
45-49	137	200	232	237	320	361	433	543	662	666	741	683	757	779	805	893	935	974	1,016	975
50-54	119	147	188	204	269	323	398	428	588	611	603	587	673	658	699	772	820	837	850	888
55-59	58	88	98	113	143	205	263	330	460	501	519	527	619	578	604	652	718	703	735	820
60-64	20	29	21	42	59	70	147	174	251	286	374	347	405	470	452	533	514	576	619	626
65+	*	*	13	*	*	25	33	58	102	141	190	187	257	298	348	377	434	473	519	538
White	966	1,237	1,405	1,572	1,933	2,302	2,816	3,058	3,981	3,976	4,002	3,991	4,377	4,378	4,331	4,756	4,649	4,764	4,574	4,407
Black	261	329	449	511	705	801	930	1,069	1,259	1,300	1,360	1,329	1,491	1,480	1,502	1,590	1,859	1,861	1,865	1,928
Other	35	64	67	126	88	106	147	166	241	279	314	298	330	333	355	327	386	365	412	431
Male	804	1,037	1,221	1,423	1,757	2,038	2,457	2,715	3,473	3,481	3,445	3,425	3,775	3,781	3,739	4,043	4,248	4,377	4,167	4,069
Female	458	593	700	786	969	1,171	1,436	1,578	2,008	2,074	2,231	2,193	2,423	2,410	2,449	2,630	2,646	2,613	2,684	2,697
Diabetes	95	138	182	261	398	511	691	875	1,157	1,177	1,217	1,320	1,442	1,504	1,542	1,825	1,860	1,881	1,928	1,880
Hypertension	117	125	202	253	382	472	545	664	820	881	935	884	1,041	1,028	1,077	1,145	1,314	1,254	1,208	1,149
Glomerulonephritis	268	365	414	484	698	799	1,025	1,011	1,363	1,367	1,333	1,293	1,433	1,411	1,371	1,393	1,443	1,488	1,391	1,345
Cystic kidney disease	43	73	79	104	169	196	294	322	415	478	511	461	540	500	544	565	507	565	565	532
Other urologic	11	25	20	27	33	39	49	59	73	73	74	60	83	98	81	133	107	99	112	99
Other cause	112	194	268	293	343	520	603	718	859	803	810	774	819	801	803	817	799	819	755	703
Unknown	77	134	131	155	177	198	205	209	229	229	262	245	262	238	247	258	283	220	218	243
Missing	539	576	625	632	526	474	481	435	565	547	534	581	578	611	523	537	581	664	674	815
Total	1,262	1,630	1,921	2,209	2,726	3,209	3,893	4,293	5,481	5,555	5,676	5,618	6,198	6,191	6,188	6,673	6,894	6,990	6,851	6,766

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

": Zero patients in this cell.

Note: 312 transplant events were excluded due to unknown age, race, or gender.



Table G.2

**Counts of First Renal Transplants: Living Donor**

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	*	*	*	18	33	35	40	36	38	56	43	47	38	51	51	68	30	47	52	54
5-9	21	23	26	22	40	29	42	51	39	53	31	44	52	67	51	47	47	55	49	36
10-14	61	49	46	42	60	80	96	83	80	68	81	83	66	81	91	87	80	91	77	58
15-19	94	104	70	109	140	147	132	131	141	130	124	114	133	134	119	137	152	156	143	132
20-24	129	125	119	154	208	207	187	192	195	175	167	180	166	185	177	207	215	194	202	207
25-29	151	155	159	174	260	265	239	270	262	254	250	246	283	274	263	293	292	260	279	260
30-34	99	124	125	219	237	263	248	249	259	231	252	226	251	283	282	300	323	312	332	290
35-39	73	88	86	110	171	171	169	198	215	195	197	214	218	256	280	273	297	356	312	310
40-44	74	59	73	77	125	119	125	138	135	158	138	160	198	234	248	260	294	319	302	317
45-49	54	50	53	66	92	98	95	121	111	118	106	129	130	175	199	216	266	300	362	316
50-54	41	41	29	52	67	74	77	85	78	87	90	93	110	125	153	187	211	267	265	297
55-59	14	11	11	22	48	40	37	48	57	67	49	72	78	95	135	135	163	188	210	258
60-64	*	*	.	*	14	12	12	13	22	30	25	43	34	55	75	92	97	139	156	186
65+	*	*	*	*	*	*	*	*	*	13	*	*	23	22	48	49	55	90	124	134
White	711	710	704	909	1,259	1,296	1,252	1,361	1,384	1,383	1,285	1,384	1,491	1,660	1,761	1,874	1,977	2,208	2,237	2,203
Black	82	102	79	101	183	196	197	197	192	183	206	210	217	293	305	385	407	419	470	464
Other	29	29	25	60	54	50	53	60	60	69	70	64	72	84	106	92	138	147	158	188
Male	487	525	476	654	937	946	930	954	979	950	968	971	1,016	1,167	1,248	1,392	1,448	1,595	1,655	1,662
Female	335	316	332	416	559	596	572	664	657	685	593	687	764	870	924	959	1,074	1,179	1,210	1,193
Diabetes	75	65	86	134	262	275	295	325	143	146	135	154	149	212	270	293	348	342	354	328
Hypertension	56	52	47	80	136	137	127	135	434	450	456	480	518	543	592	617	684	746	770	772
Glomerulonephritis	190	196	214	286	446	484	440	454	61	63	58	66	86	99	117	118	127	175	175	171
Cystic kidney disease	20	20	24	31	41	53	62	59	47	32	26	38	49	55	72	79	72	88	96	89
Other urologic	*	*	*	19	35	33	27	52	336	335	291	327	337	381	374	426	424	475	475	486
Other cause	104	129	125	167	229	282	325	321	66	80	59	70	88	81	100	120	117	119	112	101
Unknown	68	79	60	73	98	91	82	90	181	190	224	208	205	235	239	240	242	300	286	379
Missing	302	292	247	280	249	187	144	182	181	190	224	208	205	235	239	240	242	300	286	379
Total	822	841	808	1,070	1,496	1,542	1,502	1,618	1,636	1,635	1,561	1,658	1,780	2,037	2,172	2,351	2,522	2,774	2,865	2,855

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

." Zero patients in this cell.

Note: 190 transplant events were excluded due to unknown age, race, or gender.



Table G.3

**90-Day Graft Survival Probabilities: First Transplant, Cadaveric***unadjusted*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	75.0	72.4	80.8	70.7	81.5	86.7	79.2	92.6	82.6	95.2	86.4
5-9	68.6	75.6	81.4	84.9	85.3	84.6	80.0	91.7	91.7	90.5	93.3
10-14	78.4	79.5	76.2	75.0	89.8	82.6	94.3	84.0	91.2	95.1	89.7
15-19	83.0	79.4	84.1	84.3	85.0	87.6	84.1	88.0	86.6	91.0	94.3
20-24	86.7	81.0	81.9	88.3	88.3	86.7	86.1	89.3	90.0	89.2	95.9
25-29	82.5	82.5	86.0	86.3	88.6	87.7	88.7	86.9	87.0	92.1	94.9
30-34	84.0	84.2	82.8	85.2	89.4	89.4	88.2	86.1	90.0	90.5	93.9
35-39	83.0	83.1	86.0	85.3	87.3	88.9	88.9	87.8	90.5	91.8	93.9
40-44	80.3	82.7	86.4	85.8	87.4	88.3	89.8	88.8	88.1	89.7	92.7
45-49	82.9	84.9	85.4	84.7	87.0	87.1	87.7	88.3	87.3	90.7	93.5
50-54	84.5	82.8	84.2	87.8	85.7	87.3	86.4	87.7	89.4	89.1	91.2
55-59	83.4	82.5	84.6	84.5	84.8	85.9	86.4	85.9	86.1	89.9	92.3
60-64	85.0	82.9	85.3	82.7	86.8	86.5	88.2	88.7	86.5	91.3	91.4
65+	79.4	75.8	80.8	81.7	84.9	86.8	83.8	86.9	84.8	86.3	88.7
White	82.1	82.6	85.1	85.0	87.4	87.9	87.6	87.8	88.2	90.5	92.6
Black	84.7	82.1	83.0	85.8	85.6	86.6	87.5	86.8	87.3	89.0	92.0
Other	84.2	85.7	85.6	84.9	88.3	87.3	89.3	89.9	89.6	92.5	94.9
Male	83.0	82.3	84.6	86.2	87.5	87.2	88.6	88.5	87.8	90.3	93.4
Female	82.6	83.2	84.8	83.7	86.4	88.2	86.2	86.3	88.5	90.0	91.3
Diabetes	81.6	80.7	85.1	85.2	86.0	86.9	89.1	88.3	88.7	90.8	92.3
Hypertension	84.6	83.7	83.6	85.1	86.4	85.6	88.0	87.7	88.0	90.6	91.6
Glomerulonephritis	83.6	81.6	83.1	84.4	87.1	88.2	86.6	87.5	87.6	89.6	94.4
Cystic kidney disease	82.6	85.5	83.5	85.2	88.2	89.3	84.6	86.8	89.9	90.3	92.7
Other urologic	80.8	81.1	86.7	90.4	85.7	96.3	88.7	89.7	82.8	90.2	95.0
Other cause	80.5	84.3	85.0	85.5	86.5	86.3	86.5	86.6	88.3	89.8	91.2
Unknown	82.5	84.0	86.5	84.4	87.4	87.0	88.4	86.2	85.9	89.0	93.4
Missing	85.0	82.2	88.3	86.2	90.5	91.0	88.8	88.3	86.9	89.9	92.0
Total crude prob.	82.8	82.7	84.7	85.2	87.1	87.6	87.6	87.6	88.0	90.2	92.6
<b>STANDARD ERRORS</b>											
0-4	6.8	7.7	7.4	6.7	7.2	5.9	7.9	4.9	7.6	4.5	7.0
5-9	7.2	6.1	5.7	5.9	5.9	6.7	6.1	4.5	4.5	4.4	4.5
10-14	4.2	4.5	5.2	5.3	3.8	5.3	3.1	4.1	3.4	2.7	3.6
15-19	2.7	3.1	2.9	2.8	3.0	2.9	3.2	2.3	2.7	2.7	2.5
20-24	2.0	2.3	2.3	1.8	1.8	2.0	2.1	2.0	1.8	2.1	1.5
25-29	1.6	1.7	1.5	1.4	1.4	1.5	1.4	1.6	1.5	1.3	1.1
30-34	1.4	1.4	1.5	1.3	1.2	1.2	1.2	1.3	1.1	1.2	1.0
35-39	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9
40-44	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.0	0.9
45-49	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.0	1.1	0.9	0.8
50-54	1.4	1.5	1.5	1.2	1.3	1.2	1.2	1.1	1.1	1.1	0.9
55-59	1.6	1.6	1.5	1.4	1.5	1.4	1.3	1.3	1.3	1.1	0.9
60-64	2.1	1.9	1.9	1.8	1.5	1.6	1.4	1.4	1.4	1.1	1.1
65+	3.3	3.0	2.8	2.3	2.0	1.8	1.9	1.6	1.6	1.5	1.3
White	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
Black	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.6
Other	2.1	1.9	2.0	1.9	1.7	1.7	1.7	1.5	1.6	1.3	1.1
Male	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Female	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.6	0.6	0.5
Diabetes	1.1	1.1	1.0	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.6
Hypertension	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8
Glomerulonephritis	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.6
Cystic kidney disease	1.7	1.5	1.7	1.5	1.4	1.3	1.5	1.5	1.2	1.2	1.1
Other urologic	4.5	4.4	4.3	3.1	3.4	2.1	2.7	2.9	3.7	2.7	2.2
Other cause	1.4	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
Unknown	2.4	2.2	2.1	2.2	2.1	2.1	2.0	2.0	2.3	2.1	1.6
Missing	1.5	1.6	1.3	1.4	1.2	1.2	1.3	1.3	1.3	1.1	0.9
Total crude prob.	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3



Table G.4  
**One-Year Graft Survival Probabilities: First Transplant, Cadaveric**  
*unadjusted*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	69.4	55.2	80.8	58.5	70.4	76.7	75.0	88.9	73.9	95.2	81.8
5-9	48.6	68.9	76.7	69.7	79.4	84.6	74.3	77.8	86.1	85.7	93.3
10-14	72.7	69.9	71.4	71.7	79.7	78.3	88.7	81.3	83.8	90.2	86.8
15-19	74.2	70.6	72.9	78.4	78.7	82.6	78.6	78.5	73.2	87.4	87.3
20-24	76.3	72.8	74.8	83.3	83.9	77.6	80.2	83.9	80.4	85.3	91.2
25-29	75.4	76.1	82.3	80.3	81.2	83.0	83.1	81.4	81.9	88.7	89.5
30-34	75.4	75.8	78.2	79.9	84.6	83.8	82.8	82.0	83.2	86.1	90.2
35-39	75.3	75.8	80.4	80.5	81.8	83.0	83.2	82.6	81.5	87.3	91.1
40-44	72.8	75.3	79.0	78.7	82.9	83.6	85.1	83.5	81.0	84.1	88.3
45-49	74.8	77.5	78.5	79.3	82.9	82.7	82.5	82.6	80.0	85.9	89.6
50-54	77.9	75.1	77.5	79.8	81.2	81.0	80.6	83.2	81.5	84.6	87.2
55-59	74.7	75.7	77.0	78.4	79.4	79.1	80.8	78.0	78.2	84.5	86.0
60-64	75.9	76.5	76.4	77.0	81.3	80.1	82.0	81.3	78.1	83.4	85.8
65+	68.1	66.8	73.8	72.4	78.2	81.9	72.9	77.9	76.5	80.0	79.9
White	74.8	76.0	79.8	79.1	82.5	82.6	82.3	82.3	81.0	85.6	88.2
Black	74.0	71.5	73.0	78.1	78.9	79.5	80.1	79.3	77.7	83.7	85.7
Other	78.1	79.9	80.2	80.0	85.6	83.9	84.1	86.3	84.1	85.2	91.9
Male	74.7	74.6	78.3	79.3	82.0	81.7	82.7	82.8	79.9	85.1	88.3
Female	74.8	75.9	78.2	78.4	81.6	82.4	80.5	79.9	80.9	85.1	86.8
Diabetes	72.4	73.8	79.9	78.1	79.8	80.9	82.1	82.0	80.4	85.4	87.3
Hypertension	74.7	74.2	75.3	77.5	81.6	78.5	81.1	81.6	80.2	84.4	85.3
Glomerulonephritis	75.6	74.7	76.8	79.0	81.8	83.4	81.8	82.1	80.5	84.5	90.0
Cystic kidney disease	77.2	78.7	76.6	79.1	84.2	85.3	81.1	82.5	83.9	85.5	89.7
Other urologic	75.3	75.7	83.3	81.9	77.6	85.2	82.7	82.2	76.8	88.4	90.9
Other cause	73.0	75.9	78.0	80.5	81.9	80.8	80.5	81.0	79.4	84.6	86.1
Unknown	72.1	73.3	80.8	78.2	80.7	82.2	82.6	78.8	79.1	84.9	88.1
Missing	79.2	.	81.8	.	86.3	85.9	84.7	81.6	78.5	86.2	87.9
Total crude prob.	74.7	75.1	78.2	78.9	81.8	82.0	81.9	81.7	80.3	85.1	87.7
<b>STANDARD ERRORS</b>											
0-4	7.3	8.7	7.4	7.3	8.3	7.5	8.5	5.9	8.8	4.5	7.9
5-9	7.9	6.6	6.2	7.6	6.7	6.7	6.8	6.8	5.7	5.3	4.5
10-14	4.6	5.2	5.5	5.6	5.1	5.8	4.3	4.4	4.4	3.8	4.0
15-19	3.2	3.5	3.6	3.2	3.5	3.4	3.6	2.9	3.6	3.1	3.5
20-24	2.5	2.6	2.6	2.1	2.1	2.5	2.4	2.4	2.4	2.4	2.2
25-29	1.9	2.0	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.6	1.5
30-34	1.7	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.3
35-39	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.1
40-44	1.6	1.5	1.4	1.4	1.2	1.2	1.2	1.2	1.3	1.2	1.1
45-49	1.7	1.5	1.6	1.4	1.3	1.3	1.3	1.2	1.3	1.1	1.0
50-54	1.6	1.7	1.7	1.5	1.5	1.5	1.4	1.3	1.3	1.2	1.1
55-59	1.9	1.9	1.8	1.6	1.7	1.6	1.5	1.5	1.5	1.3	1.2
60-64	2.5	2.2	2.2	2.1	1.8	1.9	1.6	1.7	1.7	1.5	1.4
65+	3.8	3.3	3.1	2.7	2.4	2.0	2.2	2.0	1.9	1.7	1.7
White	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5
Black	1.2	1.2	1.2	1.1	1.0	1.0	1.0	0.9	1.0	0.8	0.8
Other	2.4	2.2	2.3	2.2	1.9	1.9	2.0	1.7	1.9	1.7	1.3
Male	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Female	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Diabetes	1.3	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8
Hypertension	1.4	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
Glomerulonephritis	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8
Cystic kidney disease	1.9	1.8	1.9	1.7	1.6	1.5	1.6	1.7	1.5	1.5	1.3
Other urologic	4.9	4.9	4.7	4.1	4.1	3.9	3.2	3.6	4.2	3.0	2.9
Other cause	1.5	1.5	1.5	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.3
Unknown	2.9	2.7	2.5	2.5	2.5	2.4	2.3	2.4	2.7	2.4	2.1
Missing	1.7	.	1.6	.	1.4	1.5	1.5	1.6	1.6	1.3	1.1
Total crude prob.	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4

..Zero patients in this cell.



Table G.5

**Two-Year Graft Survival Probabilities: First Transplant, Cadaveric**  
*unadjusted*

PROBABILITIES	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
0-4	56.7	69.4	55.2	80.8	56.1	66.7	76.7	75.0	77.8	65.2	85.7
5-9	50.0	40.0	66.7	69.8	63.6	70.6	84.6	74.3	75.0	83.3	85.7
10-14	57.5	61.4	58.9	66.7	70.0	72.9	73.9	83.0	73.3	77.9	83.6
15-19	64.4	67.0	61.3	66.2	71.9	70.1	73.6	73.8	64.5	67.1	77.5
20-24	63.4	67.6	66.3	67.4	73.2	76.9	68.4	72.7	73.7	76.2	77.0
25-29	68.5	66.6	68.3	76.2	72.8	76.1	77.0	77.3	74.3	77.5	82.3
30-34	66.3	68.3	69.8	71.8	73.0	79.7	78.4	76.5	73.6	79.9	80.5
35-39	67.7	65.9	68.2	72.7	75.5	77.6	77.4	77.1	76.0	77.2	83.0
40-44	69.2	66.5	68.4	72.4	72.2	77.9	77.5	79.2	76.2	77.3	79.2
45-49	65.9	68.6	69.5	72.3	74.4	76.5	77.8	75.8	75.4	76.4	80.4
50-54	71.6	73.2	68.2	72.4	75.2	75.1	75.7	73.8	75.4	76.9	79.9
55-59	68.3	66.1	70.1	70.2	74.0	75.8	73.8	75.5	71.3	74.0	79.3
60-64	68.9	66.8	69.8	70.0	71.6	76.8	75.9	75.4	73.7	73.3	78.2
65+	71.6	65.3	61.6	67.4	68.9	73.5	76.2	66.8	69.8	70.4	74.2
White	70.0	68.8	70.6	74.7	74.6	78.4	78.4	77.3	75.7	77.5	81.1
Black	58.4	62.3	59.6	62.8	68.9	70.5	70.0	69.8	68.8	71.2	75.8
Other	71.8	71.7	73.6	72.5	75.2	79.9	78.6	81.0	79.3	81.1	82.0
Male	66.9	67.1	67.3	71.5	73.4	76.3	75.8	76.4	75.0	75.6	80.0
Female	68.4	67.9	69.6	72.2	73.0	77.1	77.3	74.6	72.5	76.6	79.3
Diabetes	64.7	65.2	67.7	73.6	71.4	74.9	74.5	75.8	73.7	76.1	79.9
Hypertension	63.2	64.6	64.5	66.0	70.6	73.4	71.3	72.2	73.6	74.9	77.3
Glomerulonephritis	68.9	68.5	68.9	70.4	72.9	76.8	77.5	77.1	74.9	76.8	79.4
Cystic kidney disease	70.8	72.2	72.8	72.5	76.1	80.0	82.0	77.9	74.8	81.4	83.2
Other urologic	71.2	69.9	74.3	76.7	80.7	73.5	84.0	79.0	76.6	69.7	84.8
Other cause	68.7	64.9	67.4	71.6	75.2	78.4	76.5	74.1	72.3	74.4	78.7
Unknown	68.1	67.3	65.3	75.1	72.1	73.1	76.9	75.2	71.7	76.8	82.6
Missing	70.4	73.1	71.2	77.1	77.3	82.8	81.8	78.8	76.3	74.0	80.9
Total crude prob.	67.4	67.4	68.2	71.8	73.2	76.6	76.4	75.7	74.0	76.0	79.7
<b>STANDARD ERRORS</b>											
0-4	8.5	7.3	8.7	7.4	7.4	8.6	7.5	8.5	7.8	9.6	7.4
5-9	7.1	7.8	6.7	6.8	8.0	7.6	6.7	6.8	7.1	6.1	5.3
10-14	5.4	5.1	5.6	5.8	5.7	5.7	6.2	5.1	5.0	5.0	4.7
15-19	3.7	3.4	3.8	3.8	3.6	4.0	3.9	3.8	3.3	3.8	3.9
20-24	2.6	2.8	2.8	2.8	2.5	2.4	2.8	2.7	2.9	2.6	2.9
25-29	2.0	2.1	2.2	1.8	1.9	1.9	1.9	1.9	2.0	1.9	1.9
30-34	1.7	1.8	1.8	1.8	1.7	1.5	1.6	1.6	1.7	1.5	1.6
35-39	1.6	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4
40-44	1.7	1.7	1.7	1.5	1.5	1.4	1.4	1.3	1.4	1.4	1.3
45-49	1.8	1.8	1.7	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.2
50-54	1.8	1.8	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.4
55-59	2.1	2.1	2.0	2.0	1.7	1.8	1.8	1.7	1.7	1.6	1.5
60-64	2.9	2.8	2.3	2.4	2.2	1.9	2.0	1.8	1.9	1.8	1.7
65+	4.4	3.9	3.4	3.4	2.8	2.5	2.3	2.4	2.2	2.1	1.9
White	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Black	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0
Other	2.9	2.7	2.5	2.6	2.3	2.2	2.2	2.1	2.0	2.0	1.9
Male	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Female	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.9	0.8	0.8
Diabetes	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	1.0	0.9
Hypertension	1.7	1.6	1.5	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2
Glomerulonephritis	1.2	1.2	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Cystic kidney disease	2.2	2.0	1.9	2.1	1.8	1.8	1.6	1.7	1.9	1.6	1.6
Other urologic	5.2	5.3	4.9	5.4	4.3	4.4	4.0	3.5	4.0	4.5	3.3
Other cause	1.6	1.7	1.6	1.6	1.5	1.4	1.5	1.5	1.6	1.5	1.5
Unknown	3.0	3.1	2.9	2.7	2.7	2.8	2.6	2.7	2.7	2.8	2.5
Missing	1.9	1.9	1.9	1.7	1.7	1.5	1.7	1.7	1.8	1.7	1.5
Total crude prob.	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5

Table G.6  
**Three-Year Graft Survival Probabilities: First Transplant, Cadaveric**  
*unadjusted*

PROBABILITIES	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
0-4	28.1	53.3	61.1	55.2	80.8	51.2	66.7	76.7	75.0	77.8	60.9
5-9	63.2	38.6	34.3	64.4	65.1	60.6	70.6	80.8	65.7	75.0	80.6
10-14	50.7	46.3	58.0	48.0	63.5	60.0	69.5	69.6	71.7	65.3	69.1
15-19	53.4	56.4	58.2	55.0	60.9	60.8	65.4	65.3	61.1	57.5	60.4
20-24	60.9	58.4	61.5	60.2	59.6	65.6	70.1	62.7	64.0	67.9	68.1
25-29	62.3	63.6	59.3	64.8	70.1	66.4	70.8	70.2	69.7	69.0	71.3
30-34	63.1	60.1	60.9	64.1	65.5	67.6	75.1	73.8	68.4	70.1	75.5
35-39	57.4	61.5	59.6	63.6	67.7	70.7	71.8	72.1	69.1	70.6	70.9
40-44	62.6	63.4	60.7	62.5	65.8	67.2	72.3	71.5	72.8	70.7	71.7
45-49	62.8	59.5	61.7	64.6	67.2	69.6	71.0	69.9	68.4	71.0	72.0
50-54	61.5	64.3	67.9	63.7	67.6	69.5	69.8	71.0	67.9	70.0	71.3
55-59	59.1	62.8	60.9	64.9	63.8	69.3	70.9	67.7	69.6	66.0	69.0
60-64	63.2	65.3	61.2	65.2	64.3	66.2	70.4	70.6	67.7	66.9	67.5
65+	48.3	66.7	62.4	54.7	59.4	60.3	66.8	68.4	59.7	63.6	63.6
White	64.1	65.3	63.1	65.8	69.5	69.6	73.9	72.9	70.7	71.4	72.9
Black	50.1	48.5	54.2	53.2	54.7	61.0	61.8	62.6	60.9	61.2	62.8
Other	59.6	65.2	67.0	69.8	67.8	70.9	76.0	73.8	72.5	74.4	76.2
Male	60.7	60.5	60.9	61.8	65.6	67.9	70.4	69.8	68.5	69.6	70.0
Female	59.9	63.0	61.6	64.9	66.4	67.2	72.3	71.3	68.3	67.4	71.1
Diabetes	59.3	59.0	57.9	62.7	67.6	65.8	69.8	67.3	68.4	68.4	70.4
Hypertension	55.6	55.7	57.6	57.4	57.6	62.5	66.4	64.2	64.6	67.7	67.2
Glomerulonephritis	62.9	62.6	62.8	64.4	65.0	67.1	71.1	72.3	69.2	69.0	71.1
Cystic kidney disease	62.4	66.3	69.3	69.3	69.4	72.6	75.4	79.4	71.0	70.6	77.5
Other urologic	64.4	61.6	64.4	67.6	73.3	75.9	70.4	79.0	73.7	70.1	66.7
Other cause	60.7	62.5	56.9	62.5	67.2	69.8	72.9	71.1	67.2	67.2	69.0
Unknown	59.3	62.9	61.6	57.6	64.9	66.8	67.7	69.2	66.7	67.1	72.7
Missing	62.3	65.7	68.9	67.0	71.8	.	78.2	76.3	73.4	73.0	70.3
Total crude prob.	60.4	61.4	61.2	63.0	65.9	67.6	71.2	70.4	68.4	68.8	70.4
<b>STANDARD ERRORS</b>											
0-4	7.3	8.6	7.8	8.7	7.4	7.5	8.6	7.5	8.5	7.8	9.8
5-9	7.6	7.0	7.6	6.9	7.1	8.1	7.6	7.4	7.5	7.1	6.5
10-14	5.6	5.4	5.1	5.7	5.9	6.1	5.9	6.6	6.1	5.4	5.5
15-19	4.0	3.8	3.6	3.9	3.9	3.9	4.1	4.3	4.3	3.5	4.0
20-24	2.8	2.6	2.9	2.9	2.9	2.7	2.6	2.9	2.9	3.1	2.9
25-29	2.4	2.1	2.2	2.2	1.9	2.0	2.0	2.1	2.1	2.2	2.1
30-34	2.0	1.8	1.9	1.8	1.9	1.8	1.6	1.7	1.7	1.7	1.7
35-39	1.9	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5
40-44	2.0	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5
45-49	2.1	1.9	1.9	1.7	1.8	1.7	1.6	1.6	1.5	1.5	1.4
50-54	2.3	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6
55-59	2.7	2.2	2.2	2.1	2.1	1.8	1.9	1.9	1.8	1.8	1.7
60-64	3.6	3.0	2.9	2.4	2.5	2.3	2.1	2.1	2.0	2.1	1.9
65+	6.4	4.6	4.0	3.5	3.5	3.0	2.7	2.5	2.5	2.3	2.2
White	0.9	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6
Black	1.5	1.4	1.4	1.3	1.4	1.3	1.3	1.2	1.2	1.1	1.1
Other	3.7	3.0	2.8	2.6	2.7	2.5	2.3	2.3	2.4	2.2	2.2
Male	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7
Female	1.2	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Diabetes	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.0
Hypertension	1.9	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.3
Glomerulonephritis	1.5	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2
Cystic kidney disease	2.7	2.3	2.1	2.0	2.1	1.9	1.9	1.7	1.9	2.0	1.7
Other urologic	6.1	5.6	5.5	5.3	5.6	4.6	4.5	4.5	3.8	4.4	4.7
Other cause	1.8	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6
Unknown	3.3	3.1	3.2	3.0	3.0	2.9	3.0	2.9	2.9	2.8	3.0
Missing	2.3	2.0	2.0	2.0	1.9	.	1.7	1.9	1.9	1.8	1.8
Total crude prob.	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5

."Zero patients in this cell.

Table G.7  
**Five Year Graft Survival Probabilities: First Transplant, Cadaveric**  
*unadjusted*

PROBABILITIES	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-4	17.7	34.5	21.9	43.3	55.6	51.7	69.2	51.2	59.3	66.7	75.0
5-9	44.0	50.0	60.5	31.8	28.6	60.0	55.8	57.6	55.9	69.2	54.3
10-14	30.5	41.4	35.1	33.8	52.3	42.5	54.0	51.7	61.0	54.4	56.6
15-19	45.7	48.3	38.5	41.1	47.3	42.5	48.3	48.4	51.2	48.8	52.4
20-24	46.8	46.1	48.8	48.0	53.6	50.5	48.5	53.2	57.4	49.4	55.8
25-29	45.1	48.5	50.5	51.7	50.1	53.4	59.5	58.1	60.2	59.2	61.0
30-34	42.0	43.6	52.3	51.8	50.7	52.4	56.6	58.5	64.1	61.3	59.8
35-39	38.2	45.9	48.8	51.9	49.5	52.6	58.1	58.9	60.7	60.2	60.8
40-44	42.9	44.4	50.1	52.8	50.4	53.4	57.8	56.7	61.2	58.4	64.3
45-49	38.2	46.9	50.6	51.4	52.6	55.1	60.0	59.6	60.2	57.9	60.7
50-54	39.9	45.7	50.7	52.6	57.9	53.1	56.4	58.4	57.3	58.5	56.4
55-59	36.1	52.5	52.7	52.6	48.7	54.3	53.3	58.0	57.3	55.0	55.2
60-64	35.7	42.9	52.3	51.4	52.1	54.0	54.5	56.3	55.5	60.4	55.0
65+	32.0	33.3	37.9	52.9	48.2	44.7	51.9	47.1	51.0	52.0	44.6
White	44.0	49.0	53.8	55.3	54.3	56.2	60.9	59.9	63.0	61.2	61.4
Black	31.3	34.7	37.7	36.4	40.5	40.8	42.3	47.6	47.4	47.0	47.9
Other	43.4	57.8	48.8	56.4	57.4	58.9	60.4	63.0	60.7	63.1	65.4
Male	40.2	44.7	50.4	49.8	50.6	51.9	55.6	57.1	57.7	57.3	58.0
Female	41.8	48.1	48.3	53.0	52.3	53.8	57.8	57.0	61.3	58.8	58.9
Diabetes	34.6	39.2	45.7	47.2	45.6	50.5	56.0	53.2	55.9	52.7	55.7
Hypertension	38.1	43.5	44.6	43.5	44.6	43.9	45.8	51.3	51.7	49.9	51.9
Glomerulonephritis	43.6	47.1	54.1	54.3	53.1	54.2	56.2	57.1	58.7	61.3	61.5
Cystic kidney disease	50.0	54.4	56.8	58.3	61.7	61.1	62.7	64.1	68.6	71.1	65.7
Other urologic	38.5	61.2	54.2	45.2	54.8	55.4	65.0	61.5	60.2	67.9	66.2
Other cause	42.1	44.0	45.8	49.5	48.7	53.5	57.2	60.8	62.1	56.5	56.7
Unknown	41.9	48.3	50.2	55.5	54.2	49.2	58.0	53.8	59.7	60.7	58.9
Missing	40.1	.	54.5	.	.	61.1	66.8	66.4	68.6	66.0	65.7
Total crude prob.	40.8	45.9	49.6	51.0	51.2	52.6	56.5	57.1	59.1	57.9	58.4
<b>STANDARD ERRORS</b>											
0-4	8.3	8.1	6.8	8.6	8.0	8.8	8.7	7.5	9.0	8.4	8.5
5-9	9.2	8.4	7.7	6.7	7.2	7.1	7.4	8.3	8.3	8.7	8.0
10-14	5.8	5.8	5.3	5.2	5.2	5.7	6.2	6.3	6.2	7.1	6.7
15-19	4.2	4.1	3.9	3.8	3.7	3.8	4.0	4.0	4.4	4.5	4.4
20-24	3.2	2.9	2.9	2.7	3.0	3.0	3.0	2.9	2.8	3.1	3.0
25-29	2.6	2.4	2.4	2.2	2.2	2.3	2.1	2.1	2.2	2.3	2.2
30-34	2.2	2.1	2.1	1.8	1.9	1.9	2.0	1.9	1.8	1.8	1.8
35-39	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.7
40-44	2.5	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.6	1.7	1.6
45-49	2.5	2.4	2.1	1.9	1.9	1.8	1.9	1.8	1.7	1.7	1.6
50-54	2.7	2.5	2.4	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8
55-59	3.3	3.1	2.7	2.3	2.2	2.2	2.2	2.0	2.0	2.0	1.9
60-64	5.6	4.0	3.7	3.1	2.9	2.6	2.6	2.4	2.3	2.3	2.1
65+	8.7	7.9	6.2	4.9	4.1	3.6	3.6	3.1	2.9	2.7	2.5
White	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
Black	1.6	1.5	1.5	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.2
Other	4.7	4.0	3.8	3.2	2.9	2.8	2.8	2.6	2.7	2.5	2.6
Male	1.1	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Female	1.4	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
Diabetes	2.1	1.8	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2
Hypertension	2.2	2.1	1.9	1.7	1.7	1.6	1.7	1.5	1.6	1.5	1.5
Glomerulonephritis	1.7	1.5	1.6	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3
Cystic kidney disease	3.5	2.9	2.7	2.4	2.2	2.1	2.2	2.0	2.1	1.9	2.0
Other urologic	7.5	6.6	6.3	5.7	5.7	5.7	6.1	5.3	4.9	5.1	4.0
Other cause	2.1	2.0	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7
Unknown	3.4	3.4	3.4	3.2	3.3	3.1	3.1	3.1	3.2	3.1	3.0
Missing	2.2	.	2.4	.	.	2.1	1.9	1.9	1.9	2.1	2.0
Total crude prob.	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6

..Zero patients in this cell.



Table G.8  
**Ten-Year Graft Survival Probabilities: First Transplant, Cadaveric**  
*unadjusted*

PROBABILITIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
0-4	16.7	0.0	10.0	50.0	15.4	11.8	24.1	15.6	30.0	44.4	27.6
5-9	33.3	18.2	23.5	16.1	22.2	24.0	20.6	36.8	25.0	14.3	48.9
10-14	28.2	20.3	24.6	14.6	15.9	18.6	28.6	20.8	20.0	25.0	21.9
15-19	18.6	32.7	26.7	36.5	16.7	31.9	35.0	21.0	28.8	35.2	29.4
20-24	24.3	29.1	26.5	28.2	31.6	32.9	28.7	32.4	31.1	35.3	30.1
25-29	26.1	23.3	29.9	26.9	29.4	30.4	30.5	33.8	32.3	32.0	38.1
30-34	23.8	22.4	24.7	25.1	28.0	27.9	26.4	34.7	34.1	33.4	35.7
35-39	25.2	24.0	22.3	24.3	24.0	23.7	28.3	29.0	32.4	30.3	33.3
40-44	16.9	16.5	22.2	26.8	25.7	26.5	26.3	30.1	33.5	32.1	33.7
45-49	16.8	19.5	19.8	19.4	20.3	23.0	25.9	31.1	32.5	31.8	33.9
50-54	16.0	19.7	21.3	22.6	22.7	24.2	25.1	27.6	32.0	36.0	31.0
55-59	10.3	14.8	14.3	14.2	16.8	19.0	28.5	22.4	26.3	27.4	31.0
60-64	10.0	6.9	14.3	9.5	18.6	15.7	18.4	28.2	28.7	25.2	24.3
65+	0.0	0.0	0.0	0.0	20.0	12.0	12.1	15.5	24.5	24.1	17.4
White	23.9	23.9	26.8	27.2	27.1	29.2	30.0	33.5	35.5	35.0	35.6
Black	10.0	12.5	12.7	13.7	16.6	16.1	16.7	17.4	17.8	19.2	20.3
Other	20.0	28.1	17.9	29.4	31.8	23.6	36.1	33.7	36.5	39.4	41.1
Male	20.2	19.6	22.4	23.3	24.2	24.4	25.8	29.3	29.9	30.8	31.3
Female	22.3	25.5	24.6	25.7	25.1	28.0	29.2	29.9	34.2	32.8	33.6
Diabetes	16.8	15.2	14.3	18.8	19.1	16.8	16.6	21.7	21.7	23.2	24.7
Hypertension	17.1	19.2	16.3	21.3	18.6	21.8	22.8	20.8	22.0	22.8	24.0
Glomerulonephritis	21.6	22.5	24.4	22.9	26.5	29.2	28.3	35.7	37.0	34.3	36.6
Cystic kidney disease	20.9	17.8	34.2	30.8	27.8	35.2	38.8	35.7	41.7	44.6	42.1
Other urologic	27.3	40.0	25.0	44.4	30.3	23.1	42.9	32.2	28.8	37.0	28.4
Other cause	25.9	22.7	25.0	21.8	22.7	26.0	24.1	29.9	30.6	31.3	33.2
Unknown	24.7	28.4	27.5	28.4	31.1	26.8	34.2	33.0	38.0	35.8	30.5
Missing	20.4	.	.	26.6	.	.	36.4	.	43.4	43.0	43.1
Total crude prob.	20.9	21.7	23.2	24.2	24.5	25.7	27.1	29.5	31.5	31.5	32.2
<b>STANDARD ERRORS</b>											
0-4	11.7	0.0	7.3	13.6	8.6	6.8	7.4	5.9	8.0	8.0	7.9
5-9	12.4	7.6	9.5	6.2	7.6	8.0	6.6	7.6	6.2	5.5	7.2
10-14	7.0	5.1	5.5	4.6	4.4	4.9	5.3	4.5	4.4	4.5	4.7
15-19	4.1	4.5	4.3	4.7	3.4	3.9	3.9	3.3	3.5	3.5	3.6
20-24	3.6	3.7	3.2	3.0	3.1	3.1	2.7	2.7	2.5	2.8	2.7
25-29	3.4	3.0	2.9	2.8	2.5	2.4	2.3	2.3	2.0	2.1	2.3
30-34	3.3	2.7	2.6	2.3	2.2	2.0	1.8	2.0	1.7	1.8	1.8
35-39	3.3	2.9	2.7	2.4	2.2	1.9	1.9	1.8	1.7	1.6	1.7
40-44	3.0	2.7	2.6	2.6	2.3	2.2	2.0	1.9	1.8	1.7	1.7
45-49	3.1	2.8	2.6	2.5	2.2	2.2	2.1	2.0	1.8	1.8	1.7
50-54	3.3	3.2	2.9	2.9	2.5	2.4	2.2	2.1	1.9	1.9	1.9
55-59	3.7	3.7	3.4	3.2	3.1	2.7	2.8	2.3	2.0	2.0	2.0
60-64	5.7	4.1	6.8	4.2	4.9	4.2	3.1	3.4	2.8	2.5	2.2
65+	0.0	0.0	0.0	0.0	13.6	5.9	5.3	4.6	4.2	3.5	2.7
White	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8
Black	1.8	1.8	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.1
Other	6.5	5.4	4.5	4.0	4.8	4.0	3.9	3.6	3.1	2.9	2.8
Male	1.4	1.2	1.2	1.1	1.0	0.9	0.9	0.9	0.8	0.8	0.8
Female	1.9	1.8	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0
Diabetes	3.7	3.0	2.5	2.4	1.9	1.6	1.4	1.4	1.2	1.2	1.2
Hypertension	3.4	3.4	2.6	2.5	2.0	1.9	1.8	1.6	1.4	1.4	1.4
Glomerulonephritis	2.5	2.2	2.1	1.9	1.7	1.6	1.4	1.5	1.3	1.3	1.3
Cystic kidney disease	5.9	4.4	5.2	4.5	3.4	3.4	2.8	2.6	2.4	2.3	2.2
Other urologic	12.1	9.5	9.1	9.3	7.7	6.5	6.8	5.9	5.2	5.6	5.1
Other cause	4.1	3.0	2.6	2.4	2.2	1.9	1.7	1.7	1.6	1.6	1.6
Unknown	4.8	3.8	3.8	3.6	3.4	3.1	3.3	3.2	3.2	3.1	2.8
Missing	1.7	.	.	1.7	.	.	2.2	.	2.1	2.1	2.1
Total crude prob.	1.1	1.0	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.6

."Zero patients in this cell.

Table G.9

**90-Day Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1987</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>
0-19	79.3	78.1	82.3	80.2	86.0	86.5	85.7	88.9	88.3	93.3	92.1
20-44	82.6	82.8	85.0	85.9	88.2	88.6	88.9	87.9	89.4	90.8	94.0
45-64	83.4	83.1	84.7	85.1	86.0	86.7	87.2	87.8	87.6	90.3	92.5
65+	79.4	78.1	79.4	81.3	84.4	86.8	83.8	86.8	84.9	86.6	88.8
White	81.6	82.0	84.7	84.7	87.2	87.8	87.5	87.7	88.2	90.5	92.9
Black	84.8	82.3	82.9	85.8	85.7	86.7	87.6	86.8	87.4	89.0	92.1
Other	83.8	85.0	85.4	84.6	87.9	87.0	89.3	89.9	89.3	92.5	94.9
Male	82.6	82.0	84.3	86.0	87.3	87.2	88.5	88.6	87.9	90.5	93.8
Female	82.7	83.1	84.6	83.5	86.2	88.1	86.2	86.4	88.6	90.1	91.4
Diabetes	81.0	79.9	84.0	84.8	85.5	86.5	89.0	88.3	88.6	90.9	92.8
Hypertension	84.3	83.9	83.8	85.2	86.3	85.7	88.1	87.6	88.3	90.7	91.9
Glomerulonephritis	83.3	81.4	83.3	84.4	87.1	88.4	86.5	88.0	87.9	89.7	94.6
Other cause	81.7	84.7	84.8	85.6	87.1	88.0	86.4	86.9	88.3	90.0	92.4
Total crude prob.	82.6	82.4	84.4	85.0	86.9	87.5	87.6	87.7	88.2	90.3	92.8
<b>STANDARD ERRORS</b>											
0-19	2.1	2.3	2.2	2.3	2.1	2.2	2.2	1.7	1.9	1.6	1.9
20-44	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5
45-64	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
65+	3.5	3.0	3.0	2.5	2.1	1.8	1.9	1.6	1.6	1.5	1.3
White	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
Black	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.6
Other	2.2	2.0	2.0	2.0	1.8	1.8	1.7	1.5	1.6	1.3	1.1
Male	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4
Female	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5
Diabetes	1.2	1.2	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.7	0.6
Hypertension	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8
Glomerulonephritis	1.0	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6
Other cause	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Total crude prob.	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3



Table G.10

**One-Year Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1987</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>
0-19	70.5	68.7	74.8	72.8	78.5	81.7	80.4	81.5	78.0	89.8	87.9
20-44	74.5	75.2	79.4	80.1	82.9	83.1	83.5	82.9	82.1	86.3	90.0
45-64	75.2	75.8	77.3	78.7	81.2	80.8	81.6	81.7	79.9	84.9	87.8
65+	67.7	69.8	72.0	71.8	77.5	81.9	72.7	77.8	76.7	80.3	80.1
White	74.0	75.1	79.2	78.7	82.1	82.5	82.1	82.2	81.0	85.7	88.6
Black	74.2	71.8	72.9	78.2	79.0	79.6	80.3	79.3	77.7	83.7	85.9
Other	77.6	79.1	79.9	79.7	85.1	83.6	84.0	86.2	83.7	85.3	91.9
Male	74.1	74.1	77.9	79.0	81.7	81.6	82.7	83.0	80.1	85.3	89.0
Female	74.8	75.9	77.8	78.2	81.4	82.2	80.5	79.9	81.1	85.3	87.0
Diabetes	71.6	72.8	78.5	77.5	79.2	80.4	81.9	82.0	80.3	85.6	88.1
Hypertension	74.3	74.5	75.6	77.6	81.5	78.7	81.3	81.5	80.8	84.7	85.8
Glomerulonephritis	75.2	74.6	77.1	78.9	81.7	83.7	81.8	82.7	80.9	84.7	90.5
Other cause	74.6	76.6	78.2	79.9	82.2	82.9	81.1	81.3	80.8	85.3	88.1
Total crude prob.	74.3	74.7	77.8	78.7	81.5	81.9	81.8	81.8	80.5	85.3	88.1
<b>STANDARD ERRORS</b>											
0-19	2.4	2.6	2.5	2.6	2.6	2.5	2.5	2.1	2.5	2.0	2.3
20-44	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
45-64	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
65+	4.2	3.5	3.4	2.9	2.5	2.1	2.3	2.0	1.9	1.7	1.7
White	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
Black	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	1.0	0.8	0.8
Other	2.5	2.3	2.3	2.2	2.0	2.0	2.0	1.7	1.9	1.7	1.3
Male	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5
Female	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Diabetes	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.8	0.8
Hypertension	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
Glomerulonephritis	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8
Other cause	1.1	1.0	1.1	1.0	0.9	0.9	0.9	0.9	1.0	0.9	0.8
Total crude prob.	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4



Table G.11

**Two-Year Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

PROBABILITIES	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
0-19	59.5	62.8	60.8	69.2	67.9	70.9	76.0	76.6	70.9	72.2	83.0
20-44	67.3	66.4	68.1	72.4	73.3	77.9	77.1	77.4	75.4	78.2	81.0
45-64	67.1	68.3	68.7	71.2	73.8	75.8	75.8	75.3	74.4	75.6	79.7
65+	70.5	64.8	64.8	65.2	68.2	72.7	76.1	66.4	69.6	70.6	74.5
White	69.2	67.9	69.7	74.0	74.0	78.0	78.2	77.1	75.6	77.4	81.3
Black	58.9	62.5	60.1	62.6	69.0	70.6	70.1	70.0	68.7	71.3	75.8
Other	71.4	70.9	72.5	72.1	74.8	79.1	78.1	81.0	79.2	80.5	82.1
Male	66.1	66.3	66.6	70.9	73.0	75.9	75.7	76.3	75.2	75.8	80.3
Female	68.0	67.9	69.4	71.7	72.7	76.8	77.1	74.6	72.5	76.8	79.5
Diabetes	63.3	64.2	66.5	71.8	70.6	74.1	73.7	75.5	73.7	76.0	80.1
Hypertension	64.1	64.0	64.7	66.2	70.6	73.2	71.6	72.4	73.4	75.5	77.7
Glomerulonephritis	68.4	68.0	68.6	70.6	72.7	76.7	77.9	77.0	75.7	77.2	79.6
Other cause	69.8	68.1	69.3	72.5	75.5	77.8	78.9	75.7	73.3	76.8	81.3
Total crude prob.	66.8	66.9	67.6	71.2	72.9	76.2	76.2	75.6	74.2	76.2	79.9
<b>STANDARD ERRORS</b>											
0-19	2.7	2.6	2.7	2.7	2.7	2.9	2.8	2.7	2.6	2.7	2.5
20-44	0.8	0.9	0.9	0.8	0.8	0.7	0.8	0.7	0.8	0.7	0.7
45-64	1.1	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.7
65+	4.9	4.3	3.7	3.6	3.0	2.6	2.3	2.4	2.2	2.1	1.9
White	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Black	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0
Other	3.0	2.8	2.6	2.6	2.4	2.3	2.2	2.2	2.1	2.1	1.9
Male	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6
Female	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8
Diabetes	1.5	1.5	1.4	1.3	1.2	1.1	1.1	1.0	1.0	1.0	0.9
Hypertension	1.7	1.7	1.6	1.6	1.4	1.4	1.4	1.3	1.2	1.2	1.2
Glomerulonephritis	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Other cause	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0
Total crude prob.	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5



Table G.12

**Three-Year Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1985</b>	<b>1986</b>	<b>1987</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>
0-19	50.7	50.6	55.7	54.6	65.0	58.8	67.7	70.3	66.2	65.2	65.8
20-44	60.4	61.4	59.7	62.8	66.2	67.8	72.3	71.4	69.8	70.3	72.4
45-64	60.4	60.7	62.4	63.8	65.6	68.7	70.2	69.5	68.5	69.1	70.5
65+	48.2	65.4	61.9	58.3	56.7	59.5	65.7	68.2	59.0	63.3	63.8
White	63.0	64.3	62.1	64.8	68.6	69.0	73.4	72.6	70.3	71.2	72.8
Black	50.3	49.0	54.4	53.7	54.6	61.1	62.0	62.7	61.1	61.1	62.9
Other	58.3	64.6	66.2	68.5	67.3	70.4	75.1	73.2	72.4	74.2	75.4
Male	59.7	59.5	60.0	61.0	64.8	67.4	69.9	69.7	68.3	69.8	70.2
Female	59.6	62.5	61.5	64.7	65.8	66.8	71.9	71.0	68.1	67.4	71.2
Diabetes	56.8	57.4	56.8	61.4	65.4	64.9	68.9	66.3	67.9	68.3	70.2
Hypertension	55.5	56.6	56.8	57.6	57.7	62.5	66.2	64.4	64.7	67.4	67.7
Glomerulonephritis	62.0	61.9	62.1	64.1	65.2	66.9	70.9	72.6	69.0	69.8	71.6
Other cause	61.7	64.0	62.1	64.2	67.6	70.8	72.7	74.1	68.7	68.5	72.2
Total crude prob.	59.6	60.6	60.5	62.4	65.2	67.2	70.6	70.2	68.2	68.9	70.6
<b>STANDARD ERRORS</b>											
0-19	2.9	2.8	2.7	2.8	2.8	2.9	2.9	3.0	3.1	2.7	2.9
20-44	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
45-64	1.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
65+	6.9	5.2	4.4	3.9	3.8	3.2	2.8	2.5	2.6	2.3	2.2
White	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6
Black	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.1	1.1
Other	4.0	3.2	2.9	2.7	2.7	2.5	2.4	2.4	2.5	2.2	2.3
Male	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Female	1.3	1.2	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9
Diabetes	1.8	1.6	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.1	1.1
Hypertension	2.1	1.8	1.8	1.6	1.7	1.5	1.5	1.5	1.4	1.3	1.3
Glomerulonephritis	1.6	1.4	1.3	1.3	1.4	1.3	1.2	1.2	1.3	1.2	1.2
Other cause	1.4	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
Total crude prob.	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6





Table G.13

**Five-Year Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	37.5	44.6	38.2	37.7	47.2	45.7	53.7	49.9	55.6	55.5	56.6
20-44	40.1	44.1	49.1	51.1	49.7	51.9	56.6	57.2	60.9	58.9	61.1
45-64	34.8	45.1	49.7	49.8	51.9	53.2	55.8	57.8	57.3	57.2	57.2
65+	35.6	30.1	37.4	51.2	47.4	48.6	48.8	45.9	49.4	51.5	43.4
White	39.9	46.7	52.5	54.1	53.1	54.9	59.8	59.1	62.2	60.8	60.9
Black	30.4	34.1	37.8	37.0	40.8	41.3	42.1	47.7	47.5	47.1	48.1
Other	35.4	56.8	47.2	55.7	56.3	57.4	59.9	62.4	59.4	62.2	65.3
Male	36.9	42.9	48.9	48.5	49.3	50.7	54.5	56.5	56.8	56.9	57.7
Female	37.5	45.5	47.9	52.1	52.0	53.4	56.9	56.4	60.7	58.2	58.5
Diabetes	31.0	36.1	42.8	45.2	44.4	48.9	53.1	52.0	54.6	51.3	54.9
Hypertension	35.1	42.4	44.3	44.1	43.6	43.9	45.6	51.0	51.2	50.0	51.8
Glomerulonephritis	41.4	46.8	53.0	53.5	52.3	53.5	56.2	56.8	58.3	61.6	61.2
Other cause	42.1	48.2	50.2	52.8	54.1	55.3	59.1	61.0	63.4	62.6	60.3
Total crude prob.	37.4	43.9	48.4	49.9	50.3	51.7	55.4	56.4	58.3	57.4	58.0
<b>STANDARD ERRORS</b>											
0-19	3.2	3.0	2.8	2.7	2.7	2.8	3.0	3.0	3.2	3.3	3.2
20-44	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
45-64	1.7	1.5	1.4	1.2	1.1	1.1	1.1	1.0	1.0	1.0	0.9
65+	10.7	9.4	6.8	5.6	4.7	4.1	3.9	3.3	3.0	2.8	2.6
White	1.2	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7
Black	1.8	1.8	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
Other	5.6	4.5	4.1	3.4	3.1	2.9	2.9	2.7	2.8	2.6	2.6
Male	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
Female	1.7	1.5	1.4	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0
Diabetes	2.6	2.2	1.9	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2
Hypertension	2.5	2.3	2.1	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5
Glomerulonephritis	2.0	1.7	1.7	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
Other cause	1.8	1.6	1.5	1.3	1.3	1.2	1.3	1.2	1.2	1.2	1.2
Total crude prob.	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6



Table G.14

**Ten-Year Graft Survival Probabilities: First Transplant, Cadaveric***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>
0-19	23.9	21.3	23.2	27.6	16.6	24.0	29.7	22.0	25.7	31.0	30.0
20-44	20.6	19.0	21.4	24.0	24.9	25.0	25.8	30.0	31.5	30.7	33.0
45-64	11.3	15.4	13.1	15.5	16.6	18.6	22.7	25.2	27.2	29.0	29.0
65+	0.0	0.0	0.0	0.0	20.2	14.2	8.9	14.2	21.9	22.6	19.5
White	17.8	18.4	21.9	23.0	24.1	24.9	27.4	31.8	33.9	33.5	33.8
Black	9.2	13.8	9.9	13.0	16.0	15.3	16.1	17.4	18.2	19.3	20.6
Other	*	27.3	8.9	26.2	21.4	15.1	34.3	31.8	35.3	38.1	39.0
Male	14.4	14.8	17.3	18.9	21.2	20.9	23.7	27.0	27.9	28.8	29.5
Female	17.3	21.9	19.8	23.0	22.7	23.5	25.9	29.2	32.4	31.9	32.6
Diabetes	*	10.4	8.8	13.2	12.2	13.7	14.0	18.6	19.6	21.8	22.7
Hypertension	8.0	15.4	14.2	21.0	16.5	18.8	20.9	19.9	21.7	21.2	23.7
Glomerulonephritis	17.8	18.2	23.7	20.4	25.2	26.5	27.5	34.2	35.9	33.1	35.4
Other cause	22.4	22.0	24.5	23.6	26.2	26.5	30.3	32.2	34.4	36.3	35.1
Total crude prob.	15.7	17.3	18.2	20.4	21.7	22.1	24.5	27.8	29.6	30.0	30.6
<b>STANDARD ERRORS</b>											
0-19	3.8	3.0	3.2	3.1	2.5	2.8	2.7	2.4	2.4	2.5	2.6
20-44	1.7	1.5	1.4	1.3	1.1	1.0	1.0	1.0	0.9	0.9	0.9
45-64	2.6	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.0	1.0
65+	0.0	0.0	0.0	0.0	18.1	8.1	6.0	4.9	4.8	4.1	3.3
White	1.7	1.5	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8
Black	2.6	2.6	1.7	1.8	1.7	1.4	1.4	1.2	1.2	1.1	1.1
Other	*	7.8	4.8	4.9	5.4	4.4	4.4	3.9	3.3	3.1	2.8
Male	1.7	1.4	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8
Female	2.5	2.4	2.0	2.0	1.7	1.5	1.4	1.3	1.2	1.1	1.1
Diabetes	*	3.3	2.8	2.8	2.2	1.9	1.6	1.5	1.4	1.3	1.3
Hypertension	3.3	4.3	3.1	3.3	2.4	2.1	1.9	1.7	1.6	1.5	1.4
Glomerulonephritis	3.0	2.7	2.6	2.2	1.9	1.8	1.6	1.7	1.4	1.3	1.4
Other cause	3.4	2.5	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.3	1.2
Total crude prob.	1.4	1.2	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6

\* Insufficient data

Table G.15

**90-Day Graft Survival Probabilities: First Transplant, Living Donor***unadjusted*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	82.1	81.4	87.2	81.6	94.1	82.4	82.4	90.0	93.6	82.7	98.2
5-9	90.6	83.9	84.1	82.7	91.0	90.2	91.5	93.6	90.9	93.9	97.2
10-14	92.7	92.6	94.0	90.9	92.6	93.4	97.7	95.0	92.3	96.1	96.6
15-19	93.1	94.4	98.3	87.2	94.8	87.4	93.4	94.1	94.2	93.0	93.9
20-24	92.0	92.8	89.4	94.0	97.8	92.1	93.2	93.0	92.8	94.1	95.7
25-29	91.3	91.6	92.3	95.4	93.8	93.9	93.9	95.9	94.6	95.0	95.8
30-34	93.9	90.1	91.2	92.4	94.4	92.9	95.0	94.7	94.6	91.9	95.2
35-39	92.8	93.9	92.5	92.7	96.1	93.2	91.6	93.9	94.4	91.7	98.1
40-44	91.1	89.1	92.5	91.9	92.7	95.2	95.0	92.2	91.9	95.4	95.0
45-49	89.0	95.3	94.6	86.2	95.4	92.5	95.8	92.9	93.3	95.0	94.3
50-54	87.4	92.2	97.9	92.7	92.0	90.9	94.1	93.4	92.9	95.1	95.3
55-59	95.5	79.6	87.5	89.7	94.7	94.1	88.2	93.3	89.4	92.9	93.0
60-64	83.3	92.0	90.7	94.1	89.1	94.7	91.3	85.6	89.2	94.9	95.7
65+	76.9	87.5	85.7	91.3	86.4	81.3	91.8	94.6	88.9	89.5	94.0
White	91.5	91.7	92.3	91.5	94.5	92.3	93.3	93.9	93.2	93.8	94.9
Black	89.1	88.8	89.5	90.8	91.5	91.2	92.7	90.4	90.7	91.9	96.8
Other	92.8	91.4	98.4	94.4	98.8	96.2	94.6	95.7	93.2	94.9	96.3
Male	91.0	90.3	91.9	91.4	94.3	92.6	93.5	93.6	92.7	94.0	95.9
Female	91.8	92.9	92.7	91.6	94.0	92.0	93.0	93.3	93.0	93.0	94.6
Diabetes	89.1	92.3	92.4	91.4	93.3	89.5	92.8	92.7	92.3	94.5	95.3
Hypertension	93.8	86.7	90.3	87.9	94.3	94.1	93.2	92.5	90.9	94.4	95.4
Glomerulonephritis	91.6	90.8	91.9	92.1	95.0	92.9	93.5	93.1	93.7	94.0	95.7
Cystic kidney disease	93.7	93.1	93.9	97.7	91.9	92.3	90.7	97.6	93.7	94.3	92.4
Other urologic	90.6	92.3	97.4	91.8	89.1	94.4	92.4	94.4	93.2	90.6	97.8
Other cause	88.4	91.8	90.8	91.7	94.2	91.4	91.6	94.3	93.7	91.0	94.9
Unknown	95.0	88.1	92.9	88.6	95.1	91.0	94.2	88.9	91.6	92.9	97.0
Missing	95.8	93.3	94.7	91.2	95.7	95.4	97.9	.	.	94.4	95.3
Total crude prob.	91.3	91.3	92.2	91.5	94.2	92.4	93.3	93.5	92.8	93.5	95.3
<b>STANDARD ERRORS</b>											
0-4	4.8	5.6	4.7	6.0	3.2	5.1	4.5	5.3	3.5	5.1	1.8
5-9	3.8	6.4	5.3	5.0	3.3	4.1	4.0	3.5	3.8	3.3	2.7
10-14	3.1	2.9	2.6	3.4	2.9	2.6	1.6	2.4	2.7	2.2	2.4
15-19	2.2	2.1	1.2	2.8	1.9	3.0	2.1	1.9	1.9	2.1	2.1
20-24	2.0	2.0	2.2	1.8	1.1	2.0	1.7	1.7	1.8	1.6	1.4
25-29	1.7	1.7	1.7	1.2	1.4	1.5	1.4	1.2	1.4	1.3	1.2
30-34	1.6	1.9	1.9	1.7	1.4	1.5	1.2	1.2	1.3	1.5	1.3
35-39	1.8	1.7	1.8	1.7	1.2	1.5	1.7	1.4	1.2	1.5	0.8
40-44	2.2	2.6	2.0	1.9	1.7	1.4	1.3	1.6	1.5	1.2	1.2
45-49	2.8	2.0	2.0	3.0	1.6	1.9	1.4	1.6	1.4	1.1	1.3
50-54	3.4	2.8	1.5	2.4	2.4	2.3	1.7	1.7	1.6	1.3	1.2
55-59	2.5	5.6	3.8	3.3	2.3	2.0	2.7	1.9	2.2	1.8	1.6
60-64	6.6	5.3	4.3	4.0	4.1	2.6	2.9	3.5	2.6	1.8	1.5
65+	11.2	10.9	12.2	5.7	7.0	5.5	3.9	3.0	3.2	2.7	2.0
White	0.7	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Black	2.3	2.2	2.1	1.9	1.6	1.6	1.3	1.4	1.4	1.2	0.8
Other	3.1	3.3	1.5	2.7	1.2	1.8	2.3	1.7	2.1	1.7	1.4
Male	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.5
Female	1.0	1.0	1.0	1.0	0.8	0.9	0.8	0.8	0.7	0.7	0.7
Diabetes	1.7	1.5	1.5	1.5	1.2	1.5	1.2	1.1	1.2	0.9	0.9
Hypertension	2.0	2.9	2.4	2.6	1.6	1.4	1.5	1.4	1.5	1.2	1.2
Glomerulonephritis	1.3	1.3	1.2	1.2	0.9	1.0	1.0	1.0	0.9	0.9	0.7
Cystic kidney disease	3.0	3.3	2.9	1.6	2.7	2.4	2.6	1.3	1.8	1.7	2.0
Other urologic	5.1	5.1	2.6	3.9	4.1	2.6	2.9	2.7	2.6	2.9	1.6
Other cause	1.7	1.6	1.6	1.5	1.2	1.4	1.3	1.1	1.1	1.3	1.0
Unknown	2.4	4.1	3.0	3.3	2.4	2.8	2.1	2.8	2.5	2.4	1.7
Missing	1.5	1.7	1.5	1.9	1.3	1.3	0.9	.	.	1.4	1.1
Total crude prob.	0.7	0.7	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.4

".": Zero patients in this cell.



Table G.16

**One-Year Graft Survival Probabilities: First Transplant, Living Donor**  
*unadjusted*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-4	80.4	72.1	85.1	76.3	88.2	80.4	80.9	90.0	93.6	76.9	96.3
5-9	88.7	80.7	81.8	80.8	88.1	86.3	87.2	89.4	85.5	93.9	94.4
10-14	89.7	86.4	90.4	87.9	91.4	91.2	94.3	93.8	85.7	93.5	94.8
15-19	86.2	84.7	93.0	81.2	92.5	83.2	89.8	90.8	86.5	90.9	90.2
20-24	86.9	87.4	85.0	92.2	95.7	91.0	92.3	91.2	86.6	90.6	94.2
25-29	87.8	88.8	89.8	94.7	91.6	91.6	91.5	94.9	91.2	92.8	92.7
30-34	90.5	86.9	87.6	90.0	91.9	90.8	92.3	92.3	89.1	90.1	92.4
35-39	88.2	89.9	91.6	90.4	95.3	91.1	89.7	91.3	91.3	89.1	94.5
40-44	87.3	89.1	88.1	88.9	89.7	92.7	92.3	89.5	86.8	92.7	93.1
45-49	83.9	87.7	93.0	85.4	92.0	90.0	92.1	90.2	89.3	93.1	89.9
50-54	81.6	87.8	90.3	89.1	91.2	86.3	87.7	89.6	84.3	90.9	90.9
55-59	88.1	77.6	84.7	85.9	91.6	90.4	83.7	89.0	80.3	90.0	90.3
60-64	80.0	88.0	88.4	88.2	81.8	92.0	87.0	79.4	83.5	90.4	90.9
65+	69.2	75.0	85.7	87.0	86.4	72.9	79.6	90.9	83.3	86.3	90.3
White	87.3	87.2	89.6	88.9	92.2	89.9	90.3	91.8	88.7	91.5	91.7
Black	83.6	83.5	83.3	87.1	87.7	86.6	88.8	85.0	80.0	86.8	92.9
Other	88.4	90.0	93.8	94.4	98.8	94.3	90.2	92.0	89.1	93.0	95.2
Male	86.6	85.1	88.4	88.6	91.7	90.1	90.3	90.5	87.7	91.5	92.8
Female	87.3	89.7	89.8	89.4	92.0	89.0	89.7	91.0	87.0	89.9	91.1
Diabetes	84.7	86.9	89.2	88.5	89.8	87.0	88.4	90.2	87.7	91.8	90.7
Hypertension	87.7	83.0	87.7	86.6	90.6	91.1	90.1	87.9	86.0	91.8	92.4
Glomerulonephritis	87.3	85.8	87.5	89.6	92.5	90.0	90.4	90.9	88.7	91.6	92.9
Cystic kidney disease	92.1	93.1	90.9	96.5	88.9	88.9	88.1	93.7	89.1	92.0	88.3
Other urologic	84.4	88.5	94.7	85.7	89.1	93.1	86.1	91.7	89.8	89.6	97.8
Other cause	83.0	88.0	89.0	88.4	93.2	89.3	89.9	92.7	88.0	88.0	92.4
Unknown	93.8	84.8	90.0	86.4	91.4	88.0	90.8	88.0	85.7	91.1	90.1
Missing	92.1	88.8	.	.	.	92.1	94.2	91.3	83.0	89.9	92.6
Total crude prob.	86.9	86.9	89.0	88.9	91.8	89.6	90.1	90.7	87.4	90.8	92.1
<b>STANDARD ERRORS</b>											
0-4	5.0	6.6	5.0	6.6	4.4	5.4	4.6	5.3	3.5	5.7	2.6
5-9	4.2	6.9	5.6	5.3	3.8	4.7	4.8	4.4	4.6	3.3	3.8
10-14	3.6	3.8	3.2	3.9	3.1	2.9	2.5	2.7	3.6	2.8	2.9
15-19	3.0	3.2	2.4	3.3	2.2	3.4	2.6	2.3	2.7	2.4	2.6
20-24	2.5	2.5	2.6	2.1	1.5	2.1	1.8	1.9	2.4	2.0	1.6
25-29	2.0	2.0	1.9	1.3	1.7	1.7	1.6	1.3	1.8	1.5	1.6
30-34	1.9	2.1	2.2	1.9	1.6	1.7	1.5	1.5	1.8	1.6	1.6
35-39	2.3	2.1	1.9	2.0	1.3	1.7	1.8	1.6	1.5	1.7	1.3
40-44	2.6	2.6	2.5	2.2	2.0	1.6	1.6	1.8	1.9	1.5	1.4
45-49	3.3	3.2	2.2	3.0	2.0	2.1	1.8	1.8	1.8	1.3	1.7
50-54	4.0	3.4	3.0	2.9	2.5	2.7	2.4	2.1	2.2	1.8	1.7
55-59	3.9	5.8	4.2	3.9	2.8	2.5	3.1	2.4	2.9	2.0	1.8
60-64	7.1	6.4	4.8	5.4	5.1	3.1	3.5	4.0	3.1	2.3	2.1
65+	12.2	14.2	12.2	6.9	7.0	6.3	5.7	3.8	3.9	3.0	2.5
White	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.6
Black	2.7	2.6	2.5	2.2	1.9	1.9	1.6	1.8	1.9	1.5	1.2
Other	3.8	3.5	3.0	2.7	1.2	2.2	3.1	2.3	2.5	2.0	1.6
Male	1.1	1.1	1.0	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.6
Female	1.3	1.2	1.1	1.1	0.9	1.0	1.0	0.9	1.0	0.9	0.8
Diabetes	1.9	1.9	1.7	1.7	1.4	1.6	1.5	1.3	1.4	1.1	1.3
Hypertension	2.7	3.2	2.6	2.7	2.0	1.7	1.7	1.7	1.9	1.5	1.5
Glomerulonephritis	1.6	1.6	1.5	1.3	1.1	1.2	1.2	1.1	1.2	1.0	0.9
Cystic kidney disease	3.4	3.3	3.5	2.0	3.1	2.9	2.9	2.2	2.3	2.0	2.4
Other urologic	6.3	6.1	3.6	4.9	4.1	2.9	3.9	3.2	3.2	3.1	1.6
Other cause	2.0	1.9	1.7	1.7	1.3	1.6	1.4	1.3	1.5	1.5	1.2
Unknown	2.7	4.6	3.5	3.6	3.1	3.2	2.6	2.9	3.2	2.7	3.0
Missing	2.0	2.1	.	.	.	1.7	1.5	1.8	2.1	1.8	1.3
Total crude prob.	0.8	0.9	0.8	0.7	0.6	0.7	0.6	0.6	0.6	0.5	0.5

".":Zero patients in this cell.

Table G.17

**Two-Year Graft Survival Probabilities: First Transplant, Living Donor***unadjusted*

PROBABILITIES	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
0-4	86.8	75.0	72.1	83.0	68.4	88.2	76.5	80.9	90.0	93.6	73.1
5-9	87.2	83.0	77.4	79.6	80.8	85.1	82.4	78.7	85.1	80.0	87.8
10-14	78.8	85.3	74.1	89.2	86.4	85.2	86.8	86.2	91.3	80.2	89.6
15-19	77.3	80.0	79.0	86.8	74.4	85.8	76.5	84.7	83.6	81.4	83.9
20-24	79.0	80.0	82.6	81.1	91.6	92.4	86.4	84.1	84.7	80.4	86.1
25-29	85.5	80.3	83.6	85.0	90.8	87.2	88.2	88.4	87.3	87.3	87.8
30-34	87.3	87.5	83.7	84.1	85.7	87.6	88.3	87.7	86.4	84.6	85.8
35-39	83.7	85.1	86.3	89.3	87.6	90.2	87.9	84.6	86.2	87.1	85.9
40-44	86.7	84.2	88.4	85.0	87.4	85.5	89.1	90.4	84.4	84.0	89.1
45-49	84.7	77.1	84.9	91.5	81.5	87.4	86.9	90.3	81.6	86.7	90.1
50-54	82.1	77.0	85.6	87.1	84.6	90.4	83.7	84.0	82.0	82.4	87.2
55-59	82.5	85.1	71.4	81.9	80.8	89.5	85.9	79.3	81.6	75.0	86.7
60-64	90.9	76.7	80.0	83.7	85.3	76.4	90.7	84.8	72.2	79.1	89.7
65+	75.0	53.9	75.0	85.7	82.6	81.8	70.8	75.5	85.5	77.8	81.5
White	85.3	82.7	83.5	86.6	86.1	88.6	87.0	86.7	86.6	85.1	88.1
Black	71.4	73.8	76.7	77.6	80.2	80.6	80.0	82.1	73.7	73.5	80.6
Other	85.0	85.5	85.7	90.6	88.9	95.2	89.6	85.9	84.1	85.7	89.2
Male	84.6	81.4	81.0	85.5	85.5	87.7	86.9	86.3	84.5	84.0	87.9
Female	82.2	82.5	85.5	85.7	85.5	87.7	85.2	85.3	84.1	82.7	85.7
Diabetes	82.9	78.5	82.1	85.4	84.8	84.7	83.3	84.5	82.7	83.2	87.9
Hypertension	79.7	83.6	76.3	85.7	81.2	85.9	84.4	86.0	82.8	82.5	87.6
Glomerulonephritis	84.1	84.2	80.9	84.6	87.5	87.7	87.0	84.3	84.4	84.1	87.0
Cystic kidney disease	82.0	84.1	89.7	87.9	94.2	85.9	87.2	87.3	85.0	85.1	89.7
Other urologic	89.4	81.3	88.5	84.2	83.7	87.3	91.7	79.8	91.7	87.5	85.4
Other cause	83.0	75.5	84.2	85.9	84.3	90.0	85.6	87.3	85.9	85.1	83.8
Unknown	77.3	91.3	79.7	85.7	83.0	88.9	84.0	86.7	82.9	81.5	90.2
Missing	.	87.4	.	87.0	.	.	90.4	90.8	.	.	.
Total crude prob.	83.6	81.8	82.7	85.6	85.5	87.7	86.1	85.9	84.3	83.4	87.0
<b>STANDARD ERRORS</b>											
0-4	5.4	5.5	6.6	5.3	7.3	4.4	5.8	4.6	5.3	3.5	6.0
5-9	5.2	5.0	7.3	5.9	5.3	4.2	5.2	5.9	5.1	5.3	4.6
10-14	4.5	4.2	4.8	3.4	4.1	3.9	3.5	3.7	3.1	4.1	3.5
15-19	3.5	3.5	3.6	3.1	3.7	3.0	3.8	3.1	3.0	3.1	3.1
20-24	2.9	3.0	2.9	2.9	2.1	1.9	2.5	2.5	2.4	2.8	2.4
25-29	2.2	2.5	2.3	2.3	1.7	2.0	2.0	1.9	1.9	2.1	2.0
30-34	2.1	2.2	2.3	2.4	2.2	1.9	1.9	1.9	1.9	2.0	1.9
35-39	2.5	2.5	2.4	2.1	2.2	1.9	1.9	2.2	2.0	1.8	2.0
40-44	2.9	2.9	2.7	2.8	2.3	2.3	2.0	1.8	2.1	2.0	1.8
45-49	3.4	3.8	3.4	2.4	3.3	2.5	2.4	2.0	2.4	2.0	1.6
50-54	4.3	4.4	3.7	3.5	3.4	2.6	3.0	2.7	2.6	2.3	2.0
55-59	5.0	4.3	6.3	4.5	4.4	3.1	3.0	3.5	3.0	3.1	2.3
60-64	6.0	7.5	7.8	5.5	6.0	5.7	3.3	3.7	4.5	3.4	2.4
65+	18.8	13.1	14.2	12.2	7.7	7.9	6.4	6.1	4.7	4.3	3.5
White	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7
Black	3.2	3.2	2.9	2.8	2.7	2.3	2.3	1.9	2.2	2.1	1.8
Other	4.6	4.2	4.1	3.6	3.6	2.3	2.9	3.6	3.1	2.9	2.5
Male	1.1	1.3	1.3	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8
Female	1.5	1.4	1.4	1.3	1.3	1.1	1.2	1.1	1.1	1.1	1.0
Diabetes	1.9	2.2	2.2	2.0	1.9	1.7	1.8	1.7	1.7	1.6	1.3
Hypertension	3.3	3.0	3.6	2.8	3.1	2.4	2.2	2.0	2.0	2.0	1.7
Glomerulonephritis	1.8	1.7	1.8	1.6	1.4	1.4	1.4	1.5	1.4	1.3	1.2
Cystic kidney disease	4.8	4.5	3.9	4.0	2.5	3.5	3.1	3.0	3.1	2.7	2.3
Other urologic	4.5	6.8	6.1	5.8	5.2	4.4	3.2	4.5	3.2	3.5	3.6
Other cause	2.0	2.3	2.1	1.9	2.0	1.5	1.8	1.6	1.7	1.6	1.7
Unknown	5.1	3.1	5.1	4.1	3.9	3.5	3.6	3.1	3.4	3.5	2.8
Missing	.	2.4	.	2.3	.	.	1.9	1.9	.	.	.
Total crude prob.	0.9	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.6

".": Zero patients in this cell.



Table G.18  
**Three-Year Graft Survival Probabilities: First Transplant, Living Donor**  
*unadjusted*

PROBABILITIES	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
0-4	83.3	81.6	73.2	72.1	80.9	63.2	88.2	72.6	77.9	86.7	91.5
5-9	74.5	84.6	79.3	77.4	77.3	76.9	83.6	80.4	72.3	85.1	80.0
10-14	71.1	72.5	83.8	71.6	86.8	81.8	81.5	79.1	80.5	90.0	79.1
15-19	81.7	70.9	73.9	71.8	79.8	66.2	81.3	70.6	74.5	77.6	77.6
20-24	78.7	72.8	76.6	76.7	75.0	86.1	88.1	84.8	77.8	79.5	76.8
25-29	81.9	81.3	76.8	80.0	80.9	86.6	83.6	82.9	81.6	83.6	81.9
30-34	77.5	83.8	83.1	81.0	80.5	81.3	84.5	84.4	81.0	83.3	83.3
35-39	78.3	80.0	84.6	81.7	87.4	86.2	87.1	85.7	79.5	82.5	84.8
40-44	79.7	81.5	80.4	84.8	81.9	84.3	83.3	84.7	82.7	82.0	80.3
45-49	72.7	82.9	72.9	84.0	88.4	77.7	83.4	81.9	82.9	77.8	84.3
50-54	74.1	80.8	69.0	80.0	79.6	80.9	84.0	81.1	79.1	77.3	77.9
55-59	77.1	75.4	83.6	67.4	79.2	78.2	85.3	84.4	69.6	76.7	70.7
60-64	61.5	90.9	73.3	76.0	74.4	85.3	74.6	88.0	72.8	65.0	74.1
65+	0.0	75.0	53.9	75.0	85.7	73.9	81.8	66.7	69.4	78.2	70.0
White	80.8	81.5	79.5	80.5	82.7	82.1	85.4	83.7	80.6	83.1	82.3
Black	58.4	63.0	68.9	67.0	71.0	75.6	75.4	72.8	70.4	67.6	67.1
Other	76.7	80.0	79.7	82.9	90.6	86.1	92.9	87.7	80.4	79.7	83.0
Male	78.2	79.7	77.2	77.3	82.2	80.9	84.4	82.9	80.2	80.7	80.6
Female	77.4	78.7	79.9	81.5	80.6	82.2	84.0	81.7	77.1	80.0	79.3
Diabetes	73.9	78.3	75.5	77.2	81.3	80.2	78.7	78.9	77.7	79.1	79.6
Hypertension	68.2	74.1	77.4	69.6	77.9	73.8	81.6	80.4	77.1	77.3	76.9
Glomerulonephritis	75.8	79.5	79.3	76.8	80.8	83.8	84.9	82.8	77.2	80.3	81.2
Cystic kidney disease	79.7	78.7	79.4	87.9	84.9	93.0	85.9	87.2	81.4	83.5	82.9
Other urologic	88.5	80.9	75.0	84.6	84.2	81.6	87.3	90.3	73.4	86.1	86.4
Other cause	77.3	77.7	72.8	82.8	81.7	80.1	87.9	82.1	79.3	81.4	81.7
Unknown	90.0	77.3	91.3	71.2	80.0	76.1	85.2	76.0	82.5	80.3	79.0
Missing	89.0	88.4	.	.	.	.	87.7	.	86.3	.	75.7
Total crude prob.	77.9	79.3	78.3	78.9	81.5	81.5	84.2	82.4	79.0	80.4	80.0
<b>STANDARD ERRORS</b>											
0-4	6.1	6.2	5.7	6.6	5.6	7.6	4.4	6.1	4.9	6.1	4.0
5-9	5.7	5.6	5.4	7.3	6.2	5.6	4.4	5.5	6.4	5.1	5.3
10-14	4.9	4.9	4.4	5.0	3.7	4.7	4.3	4.2	4.2	3.3	4.2
15-19	3.4	3.8	3.8	4.0	3.7	4.0	3.3	4.1	3.7	3.4	3.3
20-24	2.9	3.2	3.2	3.2	3.2	2.7	2.4	2.7	2.9	2.7	3.0
25-29	2.3	2.4	2.6	2.5	2.5	2.0	2.2	2.3	2.3	2.2	2.4
30-34	2.6	2.3	2.5	2.5	2.6	2.4	2.1	2.1	2.3	2.1	2.1
35-39	2.9	2.7	2.6	2.7	2.3	2.3	2.1	2.1	2.4	2.2	1.9
40-44	3.4	3.3	3.1	3.0	3.0	2.6	2.4	2.3	2.3	2.2	2.2
45-49	4.0	3.6	4.0	3.5	2.8	3.6	2.8	2.7	2.6	2.5	2.1
50-54	4.7	4.4	4.9	4.2	4.1	3.7	3.3	3.1	3.0	2.9	2.5
55-59	6.0	5.6	4.5	6.5	4.7	4.6	3.6	3.1	3.9	3.3	3.3
60-64	12.7	6.0	7.9	8.4	6.5	6.0	5.8	3.7	4.6	4.8	3.7
65+	0.0	18.8	13.1	14.2	12.2	8.9	7.9	6.7	6.5	5.5	4.8
White	1.1	1.0	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.8
Black	3.5	3.5	3.4	3.2	3.1	2.9	2.5	2.5	2.3	2.3	2.3
Other	5.3	5.1	4.8	4.4	3.6	4.0	2.8	3.2	4.1	3.4	3.1
Male	1.3	1.3	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.0	1.0
Female	1.6	1.6	1.5	1.6	1.5	1.4	1.2	1.3	1.4	1.2	1.2
Diabetes	2.4	2.1	2.3	2.4	2.2	2.1	2.0	2.0	1.9	1.8	1.7
Hypertension	4.0	3.6	3.4	3.9	3.3	3.6	2.6	2.4	2.4	2.2	2.3
Glomerulonephritis	2.0	1.9	1.9	2.0	1.8	1.6	1.5	1.5	1.7	1.5	1.4
Cystic kidney disease	5.2	5.1	5.0	4.2	4.4	2.7	3.5	3.1	3.5	3.3	2.8
Other urologic	4.4	5.7	7.5	6.9	5.8	5.5	4.4	3.4	4.9	4.0	3.6
Other cause	2.3	2.3	2.4	2.2	2.1	2.2	1.7	2.0	2.0	1.9	1.8
Unknown	3.1	5.1	3.1	5.8	4.7	4.5	3.9	4.2	3.4	3.6	3.7
Missing	2.3	2.4	.	.	.	.	2.1	.	2.2	.	2.5
Total crude prob.	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8

..Zero patients in this cell.

Table G.19

**Five Year Graft Survival Probabilities: First Transplant, Living Donor**  
*unadjusted*

PROBABILITIES	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-4	60.0	75.0	80.6	76.3	62.5	65.1	80.9	60.5	82.4	68.6	77.9
5-9	48.3	66.7	68.6	76.9	67.9	64.5	70.5	73.1	76.1	66.7	68.1
10-14	66.3	56.3	57.8	62.5	75.0	65.4	78.3	74.2	74.1	63.7	71.3
15-19	70.8	66.7	71.0	61.0	61.5	65.3	67.5	54.9	71.6	60.5	59.1
20-24	69.6	69.5	70.8	62.6	71.4	70.7	65.6	76.5	74.1	73.5	67.6
25-29	71.7	72.8	74.1	72.5	70.1	74.4	73.6	79.2	76.3	70.7	72.7
30-34	73.0	74.2	69.5	76.8	77.9	72.2	72.6	73.3	76.3	75.2	73.0
35-39	71.9	71.0	69.7	73.5	76.4	72.1	81.3	77.5	77.3	74.6	72.5
40-44	60.5	60.8	71.7	72.6	71.5	76.8	74.4	76.3	73.1	73.0	75.8
45-49	65.3	60.0	65.3	72.1	67.8	74.5	83.0	71.5	73.1	71.9	74.5
50-54	60.8	59.7	62.4	74.4	60.9	73.3	72.0	68.2	69.6	71.2	68.5
55-59	72.5	67.6	66.7	63.2	77.6	51.0	70.8	66.7	70.5	74.8	61.5
60-64	66.7	41.7	53.9	81.8	60.0	48.0	58.1	61.8	61.8	78.7	60.9
65+	100.0	66.7	0.0	50.0	38.5	75.0	85.7	65.2	72.7	58.3	49.0
White	70.9	71.0	72.5	72.6	73.0	73.8	75.8	73.9	76.8	73.7	72.9
Black	52.6	45.2	46.7	54.7	54.1	51.9	58.1	61.8	57.0	59.7	56.1
Other	78.0	77.4	71.7	76.7	68.1	70.0	81.3	80.6	84.5	72.6	70.7
Male	69.6	67.4	68.9	71.9	70.1	69.0	74.3	72.4	74.6	72.0	71.3
Female	67.6	68.5	70.0	68.8	71.4	73.5	73.1	73.0	73.8	71.2	68.3
Diabetes	60.0	63.1	64.9	68.5	68.4	65.4	70.8	68.7	67.3	66.9	67.0
Hypertension	61.3	58.3	59.3	67.8	65.8	59.3	69.5	62.4	67.0	68.5	66.2
Glomerulonephritis	72.7	67.5	67.0	70.5	72.0	68.9	71.7	75.3	75.0	73.1	69.9
Cystic kidney disease	73.6	77.4	74.6	67.2	71.4	81.0	78.8	86.1	75.8	80.3	77.1
Other urologic	78.8	74.1	80.8	76.6	53.1	76.9	76.3	73.5	80.0	80.6	68.4
Other cause	66.3	68.3	66.7	67.9	67.8	75.3	76.5	71.2	79.0	69.8	69.5
Unknown	71.4	68.3	85.6	71.2	77.5	67.8	74.3	68.2	76.5	63.0	72.5
Missing	.	.	.	.	.	.	79.8	.	.	79.5	77.9
Total crude prob.	68.8	67.8	69.3	70.7	70.6	70.7	73.8	72.7	74.2	71.7	70.1
<b>STANDARD ERRORS</b>											
0-4	7.9	6.7	6.5	6.8	6.3	7.0	5.6	7.7	5.2	6.3	4.9
5-9	8.9	7.2	6.2	6.6	6.3	8.3	6.7	6.0	5.1	6.5	6.7
10-14	5.2	5.0	5.3	5.3	5.2	5.2	4.5	5.3	4.8	5.0	4.8
15-19	3.7	4.1	3.9	4.1	4.2	4.2	4.3	4.2	3.9	4.4	4.2
20-24	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.3	3.2	3.3	3.2
25-29	2.8	2.9	2.7	2.7	2.9	2.7	2.8	2.4	2.6	2.8	2.6
30-34	2.7	2.8	2.9	2.6	2.7	2.8	3.0	2.8	2.5	2.6	2.6
35-39	3.4	3.5	3.2	3.0	3.0	3.2	2.7	2.8	2.6	2.6	2.7
40-44	4.4	4.3	3.8	3.8	3.6	3.6	3.4	3.0	2.9	2.8	2.6
45-49	4.8	5.0	4.3	4.2	4.2	4.2	3.3	3.9	3.3	3.2	3.0
50-54	5.6	5.5	5.2	4.9	5.2	4.6	4.6	4.4	4.1	3.6	3.4
55-59	6.9	7.5	6.7	6.3	5.0	6.9	5.3	5.3	4.6	3.7	4.2
60-64	12.9	12.8	13.0	8.0	8.7	9.6	7.4	8.2	6.5	4.7	5.0
65+	0.0	22.2	0.0	20.8	12.2	14.2	12.2	9.7	9.2	7.0	7.0
White	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.1	1.0	1.0	1.0
Black	3.5	3.5	3.5	3.6	3.6	3.5	3.4	3.3	2.9	2.8	2.5
Other	5.8	5.7	5.7	5.4	5.5	5.4	4.8	4.6	3.9	4.3	4.7
Male	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.2
Female	1.9	1.9	1.8	1.8	1.7	1.8	1.7	1.6	1.5	1.5	1.5
Diabetes	2.9	2.8	2.6	2.4	2.5	2.7	2.6	2.5	2.3	2.3	2.2
Hypertension	4.1	4.3	4.2	3.9	3.9	4.2	3.7	3.9	3.2	2.8	2.7
Glomerulonephritis	2.0	2.2	2.2	2.2	2.1	2.2	2.0	1.9	1.9	1.8	1.8
Cystic kidney disease	5.9	5.3	5.6	5.9	5.6	5.1	5.0	3.7	4.3	3.6	3.8
Other urologic	7.0	8.2	5.4	6.1	8.6	8.1	6.8	6.2	5.3	4.6	5.2
Other cause	2.8	2.6	2.6	2.5	2.5	2.5	2.3	2.5	2.1	2.4	2.2
Unknown	4.7	5.1	3.7	5.5	4.6	6.0	5.1	4.9	4.7	4.8	4.0
Missing	.	.	.	.	.	.	2.8	.	.	2.6	2.7
Total crude prob.	1.2	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.0	0.9

".": Zero patients in this cell.



Table G.20

**Ten-Year Graft Survival Probabilities: First Transplant, Living Donor**  
*unadjusted*

PROBABILITIES	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
0-4	50.0	33.3	37.5	61.1	54.6	54.3	55.0	63.9	63.2	48.2	55.8
5-9	71.4	26.1	53.9	54.6	40.0	37.9	59.5	37.3	51.3	45.3	41.9
10-14	32.8	36.7	43.5	35.7	45.0	50.0	38.5	37.4	40.0	51.5	40.7
15-19	43.6	49.0	52.9	54.1	53.6	49.7	54.6	47.3	47.5	50.0	39.5
20-24	48.1	61.6	58.8	55.8	55.3	54.1	57.8	54.2	48.2	56.6	56.3
25-29	55.0	52.9	62.9	59.2	54.2	58.1	58.6	61.5	56.5	51.6	57.6
30-34	37.4	53.2	55.2	52.1	52.7	57.4	58.9	51.8	57.9	58.9	53.2
35-39	50.7	50.0	50.0	45.5	52.6	56.1	55.6	52.0	55.4	55.4	52.3
40-44	37.8	40.7	37.0	44.2	48.8	47.9	46.4	58.0	55.6	55.1	52.9
45-49	25.9	28.0	32.1	34.9	50.0	49.0	40.0	49.6	42.3	54.2	53.8
50-54	24.4	36.6	31.0	38.5	32.8	37.8	46.8	36.5	46.2	37.9	48.9
55-59	28.6	36.4	36.4	31.8	33.3	57.5	35.1	35.4	35.1	46.3	36.7
60-64	0.0	20.0	9.1	0.0	35.7	33.3	25.0	46.2	50.0	33.3	36.0
65+	0.0	0.0	33.3	100.0	0.0	0.0	66.7	0.0	25.0	23.1	25.0
White	45.2	50.4	53.0	52.8	53.0	56.1	56.2	54.4	54.1	54.2	54.4
Black	30.5	32.4	35.4	27.7	36.1	30.6	28.9	30.5	31.3	35.0	30.6
Other	24.1	44.8	52.0	46.7	44.4	58.0	64.2	51.7	58.3	56.5	50.0
Male	41.3	45.5	49.8	48.6	48.9	52.9	52.3	49.8	53.2	51.0	48.9
Female	45.4	52.2	53.3	52.4	53.5	53.0	53.9	53.6	49.2	53.9	54.6
Diabetes	33.3	40.0	43.0	37.3	39.3	43.3	43.7	42.5	43.5	42.5	39.7
Hypertension	33.9	34.6	42.6	45.0	42.7	38.0	39.4	39.3	42.0	43.2	42.2
Glomerulonephritis	41.1	40.3	51.4	50.0	51.8	58.1	51.4	50.2	53.9	58.2	51.3
Cystic kidney disease	45.0	15.0	45.8	51.6	48.8	52.8	62.9	62.7	41.0	57.1	69.0
Other urologic	42.9	37.5	40.0	63.2	54.3	54.6	66.7	55.8	61.7	34.4	65.4
Other cause	42.3	45.0	44.0	46.1	55.0	51.4	56.3	52.3	53.6	49.3	56.4
Unknown	47.1	54.4	60.0	46.6	57.1	55.0	57.3	57.8	48.5	58.8	40.7
Missing	47.4	.	.	60.0	57.8	.	70.8	69.2	.	.	61.2
Total crude prob.	42.9	48.0	51.2	50.1	50.6	52.9	52.9	51.4	51.6	52.2	51.1
<b>STANDARD ERRORS</b>											
0-4	20.8	16.4	15.1	11.1	8.4	8.0	7.7	7.8	7.7	6.5	7.4
5-9	9.6	8.7	9.4	10.3	7.5	8.7	7.5	6.6	7.8	6.7	8.6
10-14	5.9	6.7	7.2	7.2	6.3	5.5	4.9	5.2	5.4	6.0	5.4
15-19	5.0	4.9	5.9	4.7	4.2	4.1	4.3	4.3	4.2	4.3	4.4
20-24	4.3	4.3	4.5	4.0	3.4	3.4	3.6	3.6	3.6	3.7	3.8
25-29	4.0	4.0	3.8	3.7	3.1	3.0	3.2	2.9	3.0	3.1	3.1
30-34	4.8	4.4	4.4	3.4	3.2	3.0	3.1	3.2	3.1	3.2	3.1
35-39	5.8	5.3	5.3	4.7	3.8	3.8	3.8	3.5	3.4	3.5	3.5
40-44	5.5	6.3	5.6	5.6	4.4	4.5	4.4	4.2	4.2	3.9	4.2
45-49	5.8	6.1	6.3	5.8	5.1	5.0	5.0	4.5	4.6	4.5	4.8
50-54	6.5	7.3	8.3	6.6	5.6	5.6	5.6	5.1	5.6	5.1	5.2
55-59	10.7	13.3	13.3	9.4	6.6	7.7	7.6	6.8	6.2	6.0	6.7
60-64	0.0	13.6	6.8	0.0	11.9	12.5	11.1	12.9	10.3	8.3	9.2
65+	0.0	0.0	20.0	0.0	0.0	0.0	22.2	0.0	16.3	10.4	13.2
White	1.9	1.9	1.9	1.7	1.4	1.4	1.4	1.4	1.3	1.3	1.4
Black	5.0	4.6	5.3	4.4	3.5	3.3	3.2	3.2	3.3	3.5	3.2
Other	7.6	9.0	9.7	6.3	6.7	6.9	6.5	6.3	6.3	5.9	5.9
Male	2.2	2.2	2.3	1.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Female	2.7	2.8	2.7	2.4	2.1	2.0	2.1	1.9	1.9	1.9	2.0
Diabetes	5.3	6.0	5.3	4.1	3.0	3.0	2.9	2.7	2.6	2.7	2.8
Hypertension	6.2	6.4	7.0	5.5	4.2	4.1	4.3	4.2	4.1	4.1	4.2
Glomerulonephritis	3.5	3.5	3.4	2.9	2.4	2.2	2.4	2.3	2.4	2.3	2.3
Cystic kidney disease	10.5	7.3	9.7	8.8	7.6	6.7	6.1	6.2	6.2	6.2	6.0
Other urologic	16.6	15.3	18.5	10.7	8.2	8.5	8.8	6.8	7.0	8.1	9.1
Other cause	4.8	4.3	4.4	3.8	3.3	3.0	2.7	2.8	2.7	2.7	2.9
Unknown	6.0	5.5	6.2	5.7	5.0	5.2	5.4	5.2	6.1	5.4	6.3
Missing	2.9	.	.	2.9	3.1	.	3.8	3.4	.	.	3.2
Total crude prob.	1.7	1.7	1.8	1.5	1.3	1.3	1.3	1.2	1.2	1.2	1.3

".": Zero patients in this cell.



Table G.21

**90-Day Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-19	90.6	90.8	93.1	86.6	93.5	88.7	92.4	94.7	93.5	92.5	96.5
20-44	92.6	92.2	92.0	93.5	95.2	93.6	94.1	94.3	93.9	93.8	96.0
45-64	88.8	90.6	93.4	89.4	93.6	92.7	93.1	92.3	92.0	94.7	94.6
65+	81.9	94.3	0.0	91.4	*	*	92.4	94.4	89.1	*	*
White	91.6	91.8	92.3	91.4	94.5	92.4	93.2	93.9	93.2	93.8	95.0
Black	88.8	89.2	89.5	90.1	91.8	91.3	92.9	90.4	90.7	92.0	97.0
Other	92.2	92.7	98.5	95.0	98.8	96.2	94.6	95.8	93.2	99.6	97.4
Male	90.6	90.3	91.7	91.1	94.3	92.6	93.6	93.8	92.9	94.1	96.0
Female	91.8	93.5	92.8	91.6	94.4	92.2	93.2	93.4	93.2	93.2	94.8
Diabetes	88.0	92.3	91.7	89.9	93.3	89.2	92.7	92.5	92.6	*	95.7
Hypertension	93.9	85.8	90.0	87.5	94.1	94.4	93.1	93.0	91.2	94.6	*
Glomerulonephritis	91.4	91.3	92.4	91.8	95.4	93.3	93.9	93.5	93.9	94.2	95.7
Other cause	90.1	92.5	92.2	92.5	93.8	91.9	92.0	94.2	93.4	92.2	95.2
Total crude prob.	91.2	91.6	92.2	91.3	94.4	92.4	93.4	93.6	93.0	93.7	95.4
<b>STANDARD ERRORS</b>											
0-19	1.6	1.7	1.5	1.9	1.3	1.8	1.4	1.2	1.3	1.4	1.1
20-44	0.8	0.8	0.8	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.5
45-64	1.8	1.8	1.4	1.6	1.2	1.1	1.0	1.0	0.9	0.7	0.7
65+	9.8	6.9	0.0	5.7	*	*	3.7	3.2	3.3	*	*
White	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Black	2.3	2.2	2.1	2.1	1.6	1.6	1.3	1.4	1.4	1.2	0.8
Other	3.3	3.0	1.5	2.5	1.2	1.9	2.3	1.7	2.1	123.6	1.2
Male	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.6	0.6	0.5
Female	1.1	1.0	1.0	1.0	0.8	0.9	0.8	0.8	0.7	0.7	0.7
Diabetes	2.0	1.6	1.7	1.8	1.2	1.6	1.2	1.2	1.1	*	0.9
Hypertension	2.0	3.1	2.5	2.8	1.7	1.4	1.5	1.3	1.5	1.2	*
Glomerulonephritis	1.4	1.3	1.2	1.2	0.9	1.0	0.9	0.9	0.9	0.8	0.7
Other cause	1.3	1.2	1.2	1.1	1.0	1.1	1.0	0.9	0.8	0.9	0.7
Total crude prob.	0.7	0.7	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.4

\* Insufficient data



Table G.22

**One-Year Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

PROBABILITIES	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
0-19	86.3	83.0	89.3	82.2	90.8	85.5	89.3	92.4	87.7	90.1	94.1
20-44	88.7	89.3	89.0	91.5	93.2	91.5	92.0	92.2	89.6	91.4	93.4
45-64	82.9	85.0	89.8	86.5	90.5	89.3	88.4	88.6	85.4	91.7	90.6
65+	75.1	87.9	0.0	87.2	*	*	80.0	90.6	83.6	*	95.5
White	87.4	87.5	89.5	88.9	92.2	90.0	90.1	91.7	88.7	91.6	91.8
Black	83.2	84.0	83.3	86.1	88.2	86.7	89.1	85.0	79.9	87.0	93.3
Other	87.5	91.4	93.9	95.0	98.8	94.2	90.3	92.2	89.1	99.4	96.6
Male	86.2	85.1	88.1	88.2	91.7	90.1	90.4	90.8	87.8	91.6	93.0
Female	87.3	90.6	90.0	89.3	92.5	89.2	89.9	91.0	87.3	90.2	91.5
Diabetes	83.2	86.8	88.2	86.6	89.8	86.6	88.2	89.8	88.1	*	91.6
Hypertension	87.7	81.9	87.3	86.2	90.2	91.6	89.9	88.5	86.4	92.2	*
Glomerulonephritis	87.1	86.4	88.3	89.3	93.1	90.6	91.0	91.4	89.0	91.8	92.9
Other cause	85.8	89.6	90.1	89.6	92.2	89.5	89.4	92.2	88.2	89.8	92.2
Total crude prob.	86.7	87.2	88.9	88.6	92.0	89.7	90.2	90.9	87.6	91.0	92.2
<b>STANDARD ERRORS</b>											
0-19	1.9	2.2	1.8	2.2	1.6	2.0	1.7	1.5	1.8	1.7	1.5
20-44	1.0	1.0	1.0	0.8	0.7	0.8	0.7	0.7	0.8	0.7	0.7
45-64	2.2	2.2	1.7	1.8	1.4	1.3	1.3	1.2	1.2	0.9	0.9
65+	11.3	11.8	0.0	6.8	*	*	5.7	4.0	4.0	*	512.6
White	0.9	1.0	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.6
Black	2.8	2.6	2.6	2.5	1.9	1.9	1.6	1.8	1.9	1.5	1.2
Other	4.1	3.2	3.1	2.5	1.2	2.3	3.1	2.3	2.6	172.5	1.5
Male	1.2	1.2	1.1	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.6
Female	1.3	1.2	1.2	1.1	0.9	1.0	1.0	0.9	1.0	0.9	0.8
Diabetes	2.3	2.2	2.0	2.0	1.5	1.7	1.5	1.4	1.4	*	1.3
Hypertension	2.8	3.5	2.8	3.0	2.1	1.7	1.8	1.7	1.9	1.4	*
Glomerulonephritis	1.6	1.6	1.5	1.4	1.1	1.2	1.2	1.1	1.1	1.0	0.9
Other cause	1.6	1.4	1.3	1.3	1.1	1.2	1.1	1.0	1.1	1.0	0.9
Total crude prob.	0.9	0.9	0.8	0.8	0.6	0.7	0.6	0.6	0.6	0.5	0.5

\* Insufficient data

Table G.23

**Two-Year Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1986</b>	<b>1987</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>
0-19	80.7	80.8	76.6	85.8	77.7	86.1	80.4	84.2	88.2	83.3	84.7
20-44	85.5	84.0	85.9	85.5	88.7	89.1	88.2	87.8	86.4	85.5	87.4
45-64	83.7	77.6	81.1	87.1	81.9	87.4	86.3	85.3	80.8	82.2	88.8
65+	100.0	60.2	87.9	0.0	82.9	*	*	75.8	84.8	78.0	91.5
White	85.3	82.8	83.8	86.5	86.1	88.6	87.1	86.5	86.4	85.1	88.2
Black	72.5	73.1	77.3	77.6	78.7	81.2	80.3	82.5	73.5	73.4	80.8
Other	84.5	84.4	87.6	90.8	90.0	95.2	89.3	86.0	84.4	85.7	99.0
Male	83.7	80.7	80.9	85.1	85.0	87.6	86.8	86.5	84.8	84.1	88.1
Female	83.8	82.5	86.7	85.9	85.4	88.4	85.5	85.6	84.1	83.1	86.1
Diabetes	80.6	76.5	82.0	84.1	82.2	84.8	82.8	84.2	82.1	83.6	93.8
Hypertension	81.3	83.6	74.8	85.3	80.6	85.3	85.3	85.8	83.5	82.9	88.1
Glomerulonephritis	84.3	84.0	81.8	85.5	87.1	88.6	87.7	85.2	85.0	84.4	87.4
Other cause	83.2	79.3	86.3	86.3	86.1	89.3	86.3	86.5	86.0	84.9	86.5
Total crude prob.	83.6	81.5	83.2	85.5	85.1	87.9	86.2	86.0	84.5	83.7	87.2
<b>STANDARD ERRORS</b>											
0-19	2.3	2.2	2.5	2.1	2.4	1.9	2.2	2.0	1.9	2.0	2.0
20-44	1.1	1.2	1.1	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9
45-64	2.3	2.4	2.5	1.8	2.1	1.6	1.5	1.4	1.5	1.3	1.0
65+	0.2	13.4	11.8	0.0	7.7	*	*	6.1	5.0	4.6	696.5
White	1.0	1.1	1.1	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7
Black	3.4	3.4	3.0	3.0	3.0	2.3	2.3	1.9	2.2	2.2	1.8
Other	4.8	4.5	3.9	3.8	3.5	2.4	3.0	3.6	3.2	2.9	273.6
Male	1.2	1.3	1.3	1.2	1.2	1.0	1.0	0.9	1.0	0.9	0.8
Female	1.5	1.5	1.5	1.4	1.3	1.1	1.2	1.2	1.1	1.1	1.0
Diabetes	2.5	2.7	2.5	2.3	2.3	1.8	1.9	1.7	1.7	1.6	430.9
Hypertension	3.5	3.2	4.0	3.0	3.5	2.6	2.2	2.1	2.0	2.0	1.7
Glomerulonephritis	1.8	1.8	1.9	1.6	1.5	1.4	1.4	1.5	1.4	1.3	1.2
Other cause	1.7	1.8	1.7	1.6	1.5	1.3	1.3	1.3	1.3	1.2	1.2
Total crude prob.	1.0	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.6

\* Insufficient data



Table G.24

**Three-Year Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

PROBABILITIES	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
0-19	77.8	75.0	76.9	72.7	81.6	71.5	83.1	74.9	77.4	85.0	81.1
20-44	79.6	81.3	80.9	82.1	81.9	85.1	86.0	84.6	81.5	82.9	82.4
45-64	70.0	81.0	72.8	77.5	81.9	78.6	82.9	83.1	77.6	76.1	78.4
65+	0.0	100.0	60.2	87.9	0.0	74.3	*	*	69.5	77.0	69.8
White	80.5	81.6	79.6	80.9	82.6	82.0	85.4	83.8	80.3	82.9	82.3
Black	56.4	64.4	68.1	67.8	70.9	73.7	76.2	73.1	71.0	67.3	67.0
Other	78.0	79.3	78.2	85.1	90.8	87.3	92.7	87.3	80.6	80.1	83.0
Male	77.3	78.5	76.3	77.2	81.8	80.2	84.3	82.8	80.4	81.0	80.7
Female	76.5	80.6	79.8	82.9	80.8	82.0	84.9	82.1	77.4	80.0	79.7
Diabetes	66.8	75.4	73.3	77.2	79.7	76.9	78.7	78.3	77.2	78.4	80.0
Hypertension	70.0	76.0	77.3	67.8	77.3	73.0	80.8	81.4	76.5	78.1	77.4
Glomerulonephritis	75.3	79.7	79.0	77.7	81.9	83.2	86.0	83.6	78.4	81.0	81.6
Other cause	81.1	78.5	76.5	83.9	82.3	82.3	87.6	83.0	79.6	82.2	82.1
Total crude prob.	77.0	79.2	77.9	79.4	81.4	80.9	84.5	82.5	79.1	80.5	80.3
<b>STANDARD ERRORS</b>											
0-19	2.4	2.5	2.4	2.7	2.3	2.6	2.1	2.5	2.3	2.1	2.2
20-44	1.3	1.2	1.3	1.2	1.2	1.1	1.0	1.0	1.1	1.0	1.0
45-64	3.1	2.4	2.6	2.6	2.1	2.2	1.8	1.6	1.7	1.6	1.4
65+	0.0	0.2	13.4	11.8	0.0	8.9	*	*	6.6	5.9	5.2
White	1.2	1.1	1.1	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.8
Black	3.8	3.7	3.6	3.4	3.3	3.3	2.5	2.6	2.3	2.3	2.3
Other	5.6	5.3	5.2	4.3	3.8	3.9	2.9	3.3	4.1	3.5	3.1
Male	1.4	1.4	1.5	1.4	1.3	1.3	1.1	1.1	1.1	1.0	1.0
Female	1.8	1.7	1.6	1.7	1.6	1.4	1.3	1.3	1.4	1.2	1.2
Diabetes	3.4	2.9	2.9	2.9	2.5	2.6	2.1	2.1	2.0	1.9	1.8
Hypertension	4.4	4.0	3.7	4.4	3.6	4.0	2.9	2.4	2.6	2.3	2.3
Glomerulonephritis	2.2	2.0	2.1	2.0	1.8	1.7	1.5	1.6	1.7	1.5	1.4
Other cause	1.8	1.9	1.9	1.8	1.8	1.6	1.4	1.5	1.5	1.4	1.3
Total crude prob.	1.1	1.1	1.1	1.1	1.0	1.0	0.8	0.8	0.9	0.8	0.8

\* Insufficient data

Table G.25

**Five-Year Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	65.8	64.9	68.1	66.1	65.9	65.6	73.3	63.5	75.0	63.5	68.3
20-44	70.6	71.1	71.5	73.4	74.3	74.8	74.4	76.9	76.7	73.5	73.5
45-64	63.1	59.4	59.5	71.1	65.4	65.0	73.6	66.7	70.1	73.1	68.0
65+	100.0	100.0	0.0	0.3	45.0	87.9	0.0	65.5	98.7	82.5	49.1
White	70.4	70.7	72.1	72.7	73.1	74.1	75.6	73.8	76.7	73.9	72.5
Black	52.9	41.0	44.4	56.1	53.0	53.0	58.1	59.0	58.0	60.0	56.9
Other	77.9	79.2	73.2	75.9	66.0	73.3	81.4	81.8	84.2	71.6	70.9
Male	68.3	65.0	67.5	70.3	69.0	68.7	73.6	71.5	74.1	71.8	71.3
Female	68.3	69.9	68.8	71.3	71.3	75.3	73.3	72.7	75.1	71.7	68.7
Diabetes	53.7	54.6	56.1	64.5	65.7	65.2	68.4	63.8	67.3	66.0	66.2
Hypertension	65.3	55.0	60.6	69.9	65.4	56.6	68.7	61.1	65.4	69.8	65.0
Glomerulonephritis	70.5	66.7	66.2	70.6	71.4	70.0	72.8	74.3	76.5	74.1	71.3
Other cause	70.7	69.3	72.6	69.4	68.6	77.4	76.7	74.1	78.7	71.8	71.0
Total crude prob.	68.2	66.6	68.1	70.5	70.0	71.2	73.4	71.8	74.5	71.7	70.2
<b>STANDARD ERRORS</b>											
0-19	2.8	2.7	2.7	2.7	2.7	2.8	2.6	2.8	2.4	2.7	2.6
20-44	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.3	1.3
45-64	3.5	3.7	3.3	2.9	2.8	3.1	2.5	2.6	2.2	1.9	1.9
65+	0.0	0.1	0.0	545.5	13.7	11.8	0.0	9.7	522.2	1,518.4	7.2
White	1.4	1.5	1.3	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
Black	3.9	3.7	3.8	3.9	3.9	3.7	3.6	3.8	3.0	2.8	2.6
Other	6.1	6.2	6.2	5.7	6.0	5.7	5.3	4.6	4.1	4.5	4.8
Male	1.7	1.8	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3	1.2
Female	2.2	2.2	2.1	2.0	1.9	2.0	1.8	1.7	1.6	1.5	1.6
Diabetes	4.2	4.2	3.8	3.4	3.2	3.5	3.1	3.1	2.5	2.5	2.3
Hypertension	4.7	5.4	4.9	4.4	4.4	4.8	4.1	4.6	3.6	2.9	2.9
Glomerulonephritis	2.3	2.5	2.4	2.3	2.3	2.3	2.2	2.0	1.9	1.9	2.0
Other cause	2.3	2.3	2.1	2.2	2.1	2.1	2.0	1.9	1.7	1.8	1.7
Total crude prob.	1.3	1.4	1.3	1.2	1.2	1.3	1.2	1.1	1.0	1.0	1.0

Table G.26

**Ten-Year Graft Survival Probabilities: First Transplant, Living Donor***adjusted for age, gender, race, & primary diagnosis*

<b>PROBABILITIES</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>
0-19	45.9	39.6	49.5	49.9	49.0	48.9	50.8	44.8	48.7	49.3	42.9
20-44	43.3	50.4	52.9	49.2	53.0	55.5	56.6	55.5	56.4	56.0	56.2
45-64	13.2	24.8	25.6	31.4	36.3	42.8	37.2	36.2	41.4	42.5	43.3
65+	0.0	0.0	1.8	100.0	0.0	0.0	100.0	0.0	0.0	27.4	45.5
White	38.1	47.1	47.9	47.6	50.4	55.3	55.6	53.7	54.1	54.2	54.7
Black	33.3	31.8	32.0	24.9	37.8	31.0	24.4	28.0	32.6	33.8	31.7
Other	7.1	39.8	43.5	35.0	42.1	57.5	66.0	53.9	56.9	53.7	54.1
Male	34.0	40.9	44.5	42.1	44.7	50.6	48.6	47.5	50.4	49.1	47.9
Female	36.6	48.2	48.2	45.8	53.6	53.5	54.8	51.8	52.1	53.3	56.2
Diabetes	20.1	25.6	25.6	30.6	31.4	35.7	33.1	31.2	37.9	38.3	39.0
Hypertension	24.4	26.7	29.5	30.0	39.1	41.9	34.0	38.8	44.4	41.3	38.0
Glomerulonephritis	35.8	33.7	50.5	48.1	50.1	55.0	49.8	48.8	53.9	57.3	52.4
Other cause	40.8	44.9	44.7	45.2	55.9	54.3	56.9	55.2	52.0	50.4	59.1
Total crude prob.	35.1	43.7	45.5	43.6	47.8	51.7	50.6	49.3	50.9	51.0	51.1
<b>STANDARD ERRORS</b>											
0-19	4.2	3.8	4.2	3.8	3.1	3.0	2.9	2.9	2.9	2.9	3.0
20-44	2.3	2.3	2.3	2.0	1.7	1.7	1.7	1.6	1.6	1.7	1.7
45-64	4.2	5.5	6.4	4.7	3.6	3.7	3.7	3.4	3.2	2.9	3.3
65+	0.0	0.0	825.2	0.0	0.0	0.0	0.1	0.0	0.0	12.6	27.8
White	2.2	2.4	2.3	2.0	1.7	1.6	1.7	1.6	1.6	1.5	1.6
Black	6.8	5.5	7.5	4.6	4.2	3.7	3.3	3.5	3.8	3.7	3.6
Other	6.4	13.1	14.8	8.5	7.8	7.4	7.8	7.5	6.6	6.4	6.8
Male	2.5	2.7	2.7	2.3	1.8	1.9	1.9	1.8	1.8	1.8	1.8
Female	3.5	3.8	3.9	3.0	2.7	2.5	2.6	2.4	2.4	2.1	2.5
Diabetes	6.4	8.3	8.5	6.0	4.4	4.3	4.3	3.8	3.8	3.7	4.1
Hypertension	8.9	8.7	9.2	6.9	5.1	5.2	5.5	5.3	5.3	4.8	5.0
Glomerulonephritis	4.1	4.3	4.4	3.4	2.7	2.6	2.7	2.7	2.6	2.7	2.6
Other cause	4.0	3.8	3.8	3.3	2.8	2.6	2.5	2.4	2.4	2.3	2.7
Total crude prob.	2.1	2.2	2.2	1.8	1.5	1.5	1.5	1.4	1.4	1.4	1.5

