



SECTION C

Patient
Characteristics





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Table C.1

Number of Medical Evidence Forms Filed*by year of Medicare certification*

	Form Version			For this patient, this form is		
	All	Pre 1995	1995 Revision	1st Form Filed	2nd Form Filed	3rd or later
Total patients	997,282	611,874	385,408	969,384	26,725	1,173
1960-1972	173	173	.	173	.	.
1973	1,414	1,414	.	1,409	*	.
1974	3,445	3,445	.	3,439	*	.
1975	4,198	4,198	.	4,183	15	.
1976	4,834	4,834	.	4,821	13	.
1977	6,869	6,869	.	6,848	21	.
1978	7,034	7,034	.	7,012	21	*
1979	7,655	7,655	.	7,633	21	*
1980	9,743	9,743	.	9,720	23	.
1981	14,314	14,314	.	14,241	73	.
1982	20,265	20,265	.	20,127	137	*
1983	22,027	22,027	.	21,878	147	*
1984	24,627	24,627	.	24,417	208	*
1985	27,523	27,523	.	27,271	248	*
1986	30,435	30,435	.	30,108	326	*
1987	33,995	33,995	.	33,577	412	*
1988	36,463	36,463	.	36,030	422	11
1989	42,413	42,413	.	41,832	575	*
1990	48,445	48,445	.	47,697	739	*
1991	53,492	53,492	.	52,550	934	*
1992	59,621	59,621	.	58,492	1,118	11
1993	59,275	59,275	.	57,737	1,523	15
1994	73,828	73,828	.	69,240	4,490	98
1995	71,353	19,750	51,603	67,835	3,299	219
1996	79,140	13	79,127	76,004	2,912	224
1997	85,005	*	84,997	81,756	3,082	167
1998	90,172	*	90,166	86,831	3,153	188
1999 (incomplete)	79,524	*	79,515	76,523	2,802	199

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

.: Zero patients in cell.

Table C.2

New ESRD Patients, with or without a Medical Evidence Form

by year of first ESRD service

	All	Percent with no HCFA-2728	Version of HCFA 2728			Source of date of 1 st ESRD Service		Pt. Ever been Medicare entitled?		Pts Used in Remaining C Tables
			No Form	Pre-1995	1995 Revision	2728	Medicare Claims	No	Yes	
Total patients	1,084,837	13.9%	150,708	587,799	346,330	802,429	282,408	59,306	1,025,531	340,587
1960-1972	806	18.0%	145	601	60	729	77	20	786	
1973	3,562	6.8%	243	3,297	22	3,376	186	*	3,558	
1974	4,439	8.0%	357	4,069	13	4,130	309	*	4,437	
1975	5,375	5.5%	293	5,062	20	5,115	260	*	5,372	
1976	12,233	53.2%	6,508	5,707	18	5,769	6,464	*	12,230	
1977	23,667	63.9%	15,119	8,459	89	19,398	4,269	*	23,660	
1978	15,759	46.6%	7,347	8,350	62	12,196	3,563	*	15,756	
1979	17,676	47.2%	8,339	9,244	93	13,513	4,163	*	17,673	
1980	19,037	43.2%	8,217	10,731	89	14,508	4,529	*	19,034	
1981	21,280	25.3%	5,379	15,809	92	17,034	4,246	14	21,266	
1982	23,551	13.3%	3,143	20,324	84	20,784	2,767	13	23,538	
1983	26,824	16.0%	4,280	22,446	98	23,117	3,707	24	26,800	
1984	27,580	9.2%	2,548	24,935	97	22,390	5,190	36	27,544	
1985	30,424	8.2%	2,509	27,808	107	22,997	7,427	55	30,369	
1986	33,051	8.5%	2,823	30,086	142	23,058	9,993	109	32,942	
1987	36,057	7.7%	2,790	33,080	187	24,890	11,167	150	35,907	
1988	40,053	9.4%	3,757	36,073	223	27,272	12,781	408	39,645	
1989	45,147	7.6%	3,417	41,479	251	30,274	14,873	339	44,808	
1990	48,648	7.9%	3,866	44,522	260	34,972	13,676	454	48,194	
1991	54,552	6.8%	3,699	50,524	329	34,787	19,765	704	53,848	
1992	60,393	8.2%	4,948	54,991	454	38,024	22,369	1,502	58,891	
1993	62,983	14.3%	9,022	53,324	637	39,828	23,155	2,513	60,470	
1994	76,668	16.0%	12,298	63,192	1,178	47,481	29,187	8,178	68,490	336
1995	74,471	11.2%	8,322	13,521	52,628	51,506	22,965	5,909	68,562	51,931
1996	77,280	10.3%	7,962	112	69,206	56,947	20,333	6,996	70,284	68,869
1997	83,535	10.4%	8,704	31	74,800	62,532	21,003	9,079	74,456	74,465
1998	87,535	9.5%	8,279	16	79,240	75,963	11,572	10,881	76,654	79,135
1999 (incomplete)	72,251	8.8%	6,394	*	65,851	69,839	2,412	11,894	60,357	65,851

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

Table C.3

New ESRD Patients, with or without a Medical Evidence Form

by race

	ALL	Missing	Nat Am/ Alaskan Nat	Asian	Black	White	Unk.	Pacific Islander	Mid East / Arabian	Indian Sub- continent	Other Multiracial	No HCFA- 2728
Total patients	1,084,837	78,906	10,942	18,624	246,738	556,611	7,452	2,800	1,027	1,505	9,524	150,708
1960-1972	806	42	*	*	131	467	*	.	.	*	*	145
1973	3,562	2,840	*	*	112	349	*	.	.	.	.	243
1974	4,439	3,483	*	*	134	442	*	.	.	.	.	357
1975	5,375	4,377	*	*	182	496	12	.	.	*	*	293
1976	12,233	4,960	*	*	195	539	12	.	*	.	*	6,508
1977	23,667	6,819	17	24	424	1,237	24	*	.	.	*	15,119
1978	15,759	6,783	29	30	415	1,131	23	.	.	.	*	7,347
1979	17,676	7,254	31	33	539	1,448	26	*	.	.	*	8,339
1980	19,037	8,196	50	41	733	1,759	40	.	.	.	*	8,217
1981	21,280	8,075	114	124	2,214	5,286	87	*	.	.	.	5,379
1982	23,551	670	187	298	5,453	13,589	207	*	*	.	*	3,143
1983	26,824	463	258	315	6,333	14,868	300	.	*	.	*	4,280
1984	27,580	457	260	368	6,990	16,469	484	.	.	*	*	2,548
1985	30,424	592	268	487	7,734	18,341	491	.	.	.	*	2,509
1986	33,051	988	325	489	8,146	19,627	644	*	.	*	*	2,823
1987	36,057	1,328	345	541	9,022	21,257	768	*	*	.	*	2,790
1988	40,053	1,782	447	625	9,814	22,955	665	*	.	*	*	3,757
1989	45,147	2,170	516	791	11,691	26,490	66	*	*	.	*	3,417
1990	48,648	2,315	542	973	12,253	28,611	79	*	*	*	*	3,866
1991	54,552	2,698	597	1,041	14,101	32,307	98	.	*	.	*	3,699
1992	60,393	2,935	709	1,182	15,524	34,980	99	*	*	*	11	4,948
1993	62,983	3,859	579	1,214	15,027	33,131	124	*	*	*	12	9,022
1994	76,668	5,498	643	1,521	17,830	38,017	801	*	*	*	42	12,298
1995	74,471	176	1,059	1,644	19,488	40,514	815	475	170	152	1,656	8,322
1996	77,280	101	1,134	1,669	20,294	42,475	530	512	181	431	1,991	7,962
1997	83,535	25	826	1,644	20,961	47,579	466	527	188	499	2,116	8,704
1998	87,535	14	1,240	1,844	22,523	50,054	291	723	261	233	2,073	8,279
1999 (inc)	72,251	*	732	1,687	18,475	42,193	283	539	196	175	1,571	6,394

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

Table C.4
Earliest Known Modality
 May 1995-June 1999

Year of 1 st Service date		1995	1996	1997	1998	1999
All	Total patients	43,733	59,297	65,491	70,704	59,025
Hemodialysis	Hosp Inpatient	2,238	2,677	1,917	1,993	1,331
	Dial Fac/Center	40,931	55,010	63,305	68,478	57,468
	Home	561	1,610	264	232	226
	Unknown	*	.	*	*	.
IPD	Total patients	150	147	103	85	102
	Hosp Inpatient	16	24	*	*	*
	Dial Fac/Center	91	88	75	64	60
	Home	43	35	20	15	37
CAPD	Total patients	5,577	6,140	5,628	5,040	3,910
	Hosp Inpatient	101	130	47	24	15
	Dial Fac/Center	1,009	937	774	594	472
	Home	4,467	5,072	4,806	4,421	3,422
	Unknown	.	*	*	*	*
CCPD	Total patients	1,679	2,211	2,142	2,182	1,760
	Hosp Inpatient	45	96	*	16	18
	Dial Fac/Center	236	264	257	251	194
	Home	1,398	1,851	1,880	1,914	1,548
	Unknown	.	.	.	*	.
Other	Total patients	*	*	*	*	.
	Dial Fac/Center	.	*	*	*	.
	Home	*	.	.	.	.
Unknown	Total patients	*	*	*	*	322
	Hosp Inpatient	.	*	.	*	*
	Dial Fac/Center	.	*	*	*	318
	Home	*	*	.	.	*
	Unknown	.	*	*	*	*
Transplant	Total patients	36	43	45	46	29
	Hosp Inpatient	*	*	*	*	*
	Dial Fac/Center	28	30	34	39	18
	Home	*	*	*	*	*
	Unknown	*	*	*	*	*

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

Table C.5

Patient Counts by Age, Gender, Hispanic Ethnicity, & Race*May 1995-June 1999*

	Total	1995	1996	1997	1998	1999
Total patients	301,614	43,286	68,869	74,465	79,135	35,859
0-4	362	51	95	106	81	29
5-9	539	91	135	122	124	67
10-14	1,027	160	243	261	252	111
15-19	2,054	353	527	463	482	229
20-24	3,200	584	784	747	781	304
25-29	5,488	948	1302	1328	1324	586
30-34	8,092	1442	1,978	1,889	1,956	827
35-39	11,230	1,873	2,768	2,681	2,704	1204
40-44	14,800	2,400	3,572	3,439	3,735	1,654
45-49	18,945	2,886	4,491	4,465	4,876	2,227
50-54	22,354	3,268	4,975	5,354	5,941	2,816
55-59	26,531	3,842	5,906	6,420	7,045	3,318
60-64	33,093	4,886	7,609	8,089	8,681	3,828
65-69	41,543	5,925	9,630	10,546	10,731	4,711
70-74	43,413	5,977	10,052	11,083	11,370	4,931
75-79	36,296	4,632	7,933	9,165	9,904	4,662
80-84	21,869	2,716	4,676	5,647	5,997	2,833
85+	10,212	1,184	2,074	2,516	2,982	1,456
Male	159,206	22,689	36,526	39,265	41,664	19,062
Female	142,408	20,597	32,343	35,200	37,471	16,797
Hispanic - Mexican	20,487	3,095	4,869	4,772	5,279	2,472
Hispanic - Other	13,466	1,903	3,005	3,336	3,589	1,633
Non - Hispanic	266,382	38,015	60,710	66,117	69,975	31,565
Unknown	1,272	273	285	240	292	182
Native American / Alaskan Native	4,359	744	1,130	824	1,240	421
Asian	7,003	1,037	1,654	1,633	1,842	837
Black	86,398	12,744	20,182	20,885	22,495	10,092
White	188,969	26,430	42,284	47,335	49,982	22,938
Unknown	1,777	339	526	466	290	156
Pacific Islander	2,469	393	509	526	723	318
Mid East / Arabian	874	137	179	186	260	112
Indian Subcontinent	1,380	120	429	499	233	99
Other / Multiracial	8,385	1,342	1,976	2,111	2,070	886

Table C.6

Patient Counts: by Network

May 1995-June 1999

BY HISPANIC ETHNICITY

	Total	Hispanic Mexican	Hispanic Other	Non-Hisp.	Unk.
Total patients	301,614	20,487	13,466	266,382	1,272
1 CT, MA, ME, NH, RI, VT	12,486	39	540	11,468	439
2 NY	21,910	83	2,384	19,200	243
3 NJ, PR	14,307	71	4,345	9,708	177
4 PA	16,141	21	265	15,852	*
5 MD, DC, VA, WV	18,554	28	204	18,294	28
6 NC, SC, GA	23,382	934	128	22,320	.
7 FL	18,100	144	1,788	16,153	15
8 TN, AL, MS	15,943	14	25	15,904	.
9 OH, IN, KY	22,639	165	79	22,335	60
10 IL	13,865	678	282	12,869	36
11 ND, SD, MN, WI	20,978	318	170	20,490	.
12 NE, IA, KS, MO	12,435	312	49	12,023	51
13 OK, AR, LA	12,904	69	100	12,733	*
14 TX	21,551	7,217	620	13,707	*
15 AZ, CO, NV, NM, UT, WY	12,481	2,088	808	9,582	*
16 AK, ID, MT, OR, WA	8,008	316	79	7,613	.
17 N. CA, HI, Guam, AS	14,046	1,929	475	11,438	203
18 S. CA	21,883	6,061	1,125	14,692	*

BY RACE

	Total	Nat. Am/		Black	White	Unknown	Pacific Islander	Mid East / Arabian	Indian Subcontinent	Other / Multiracial
		Alas. Native	Asian							
Total patients	301,614	4,359	7,003	86,398	188,969	1,777	2,469	874	1,380	8,385
1 CT, MA, ME, NH, RI, VT	12,486	26	150	1,641	10,194	212	11	28	22	202
2 NY	21,910	101	575	7,005	12,538	485	45	75	163	923
3 NJ, PR	14,307	18	161	3,528	6,904	56	54	52	77	3,457
4 PA	16,141	37	91	3,906	11,833	43	14	18	27	172
5 MD, DC, VA, WV	18,554	38	186	8,844	9,103	73	73	51	39	147
6 NC, SC, GA	23,382	640	433	12,632	9,453	19	22	18	30	135
7 FL	18,100	28	102	5,588	12,061	*	34	57	41	186
8 TN, AL, MS	15,943	54	55	7,988	7,769	18	13	*	*	31
9 OH, IN, KY	22,639	29	79	5,456	16,738	130	12	20	19	156
10 IL	13,865	18	192	4,790	8,422	83	50	36	53	221
11 ND, SD, MN, WI	20,978	525	201	4,735	15,283	*	25	83	31	87
12 NE, IA, KS, MO	12,435	137	84	2,485	9,495	22	*	12	14	178
13 OK, AR, LA	12,904	502	66	5,587	6,617	*	*	*	14	102
14 TX	21,551	392	314	5,288	14,358	126	48	56	53	916
15 AZ, CO, NV, NM, UT, WY	12,481	1,272	173	901	9,614	55	95	33	15	323
16 AK, ID, MT, OR, WA	8,008	299	280	503	6,633	*	174	13	14	91
17 N. CA, HI, Guam, AS	14,046	145	2,085	2,090	7,466	130	1,364	92	80	594
18 S. CA	21,883	98	1,776	3,431	14,487	308	418	221	680	464

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

Table C.7

Patient Distribution: by Race & Hispanic Ethnicity*percent of total patients, May 1995-June 1999*

	1995	1996	1997	1998	1999
Native American / Alaskan Native	1.7	1.6	1.1	1.6	1.2
Asian	2.4	2.4	2.2	2.3	2.3
Black	29.4	29.3	28.0	28.4	28.1
White	61.1	61.4	63.6	63.2	64.0
Unknown	0.8	0.8	0.6	0.4	0.4
Pacific Islander	0.9	0.7	0.7	0.9	0.9
Mid East / Arabian	0.3	0.3	0.2	0.3	0.3
Indian Subcontinent	0.3	0.6	0.7	0.3	0.3
Other / Multiracial	3.1	2.9	2.8	2.6	2.5
Hispanic- Mexican	7.2	7.1	6.4	6.7	6.9
Hispanic- Other	4.4	4.4	4.5	4.5	4.6
Non-Hispanic	87.8	88.2	88.8	88.4	88.0
Unknown	0.6	0.4	0.3	0.4	0.5

Table C.8

Diabetic Patients: by Race & Hispanic Ethnicity*percent of total patients, May 1995-June 1999*

	1995	1996	1997	1998	1999
Native American / Alaskan Native	62.6	63.8	75.1	70.1	76.2
Asian	40.1	44.7	44.5	43.1	43.7
Black	41.2	43.5	44.1	44.9	44.6
White	41.7	42.6	43.3	43.5	44.5
Unknown	49.0	45.2	48.7	43.4	46.8
Pacific Islander	57.5	52.8	55.5	57.8	56.9
Mid East / Arabian	35.8	27.9	38.7	37.7	42.0
Indian Subcontinent	41.7	60.1	54.1	47.2	40.4
Other / Multiracial	53.7	57.6	56.8	56.5	59.5
Hispanic- Mexican	62.0	63.2	66.8	64.5	66.1
Hispanic- Other	50.6	53.5	54.3	55.8	57.6
Non-Hispanic	40.5	41.8	42.4	42.7	43.1
Unknown	41.0	43.2	41.7	43.5	36.8

Table C.9

Patient Counts: by Employment Status*May 1995-June 1999*

	Total	1995	1996	1997	1998	1999
Total	301,614	43,286	68,869	74,465	79,135	35,859
Current employment status						
Missing	12,152	2,119	3,027	2,685	3,115	1,206
Unemployed	59,971	9,709	14,422	14,517	14,646	6,677
Employed full time	21,980	3,186	4,882	5,327	5,847	2,738
Employed part time	5,046	790	1,146	1,195	1,316	599
Homemaker	18,814	2,920	4,515	4,678	4,671	2,030
Retired due to age/preference	116,867	14,875	25,650	29,826	31,907	14,609
Retired due to disability	55,662	7,629	12,565	13,772	14,979	6,717
Medical leave of absence	7,534	1,477	1,788	1,613	1,787	869
Student	3,588	581	874	852	867	414
Previous employment status						
Missing	28,201	4,848	6,973	6,659	6,902	2,819
Unemployed	48,515	7,548	11,647	11,865	11,910	5,545
Employed full time	36,514	6,091	8,261	8,460	9,307	4,395
Employed part time	6,707	1,131	1,580	1,538	1,727	731
Homemaker	18,849	2,940	4,524	4,689	4,680	2,016
Retired due to age/preference	109,670	13,668	23,879	28,041	30,257	13,825
Retired due to disability	48,162	6,244	10,769	12,015	13,159	5,975
Medical leave of absence	1,499	265	388	336	347	163
Student	3,497	551	848	862	846	390

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

Table C.10

Patient Counts: by Insurance Payor

May 1995-June 1999

	Total	1995	1996	1997	1998	1999
Total patients	301,614	43,286	68,869	74,465	79,135	35,859
Medicaid coverage						
Missing	446	*	25	.	416	.
No	227,332	32,540	51,893	56,285	59,437	27,177
Yes	73,836	10,741	16,951	18,180	19,282	8,682
Medicare coverage						
Missing	446	*	25	.	416	.
No	130,883	20,344	30,337	31,041	33,726	15,435
Yes	170,285	22,937	38,507	43,424	44,993	20,424
DVA coverage						
Missing	446	*	25	.	416	.
No	297,563	42,655	67,942	73,660	77,872	35,434
Yes	3,605	626	902	805	847	425
Employer group health insurance						
Missing	446	*	25	.	416	.
No	233,628	32,959	53,282	57,878	61,446	28,063
Yes	67,540	10,322	15,562	16,587	17,273	7,796
Other medical insurance						
Missing	446	*	25	.	416	.
No	204,674	30,755	46,897	49,944	52,589	24,489
Yes	96,494	12,526	21,947	24,521	26,130	11,370
No medical insurance						
Missing	446	*	25	.	416	.
No	281,458	39,913	64,198	69,868	73,987	33,492
Yes	19,710	3,368	4,646	4,597	4,732	2,367
Patient applying for Medicare						
Missing	983	48	94	60	615	166
No	51,902	6,995	11,192	12,713	14,291	6,711
Yes	248,729	36,243	57,583	61,692	64,229	28,982

Table C.11

Patient Counts: by Detailed Primary Diagnosis

May 1995-June 1999, with ICD-9-CM codes

	1995	1996	1997	1998	1999
Total patients	43,286	68,869	74,465	79,135	35,859
Detailed Primary Disease Causing ESRD					
0429A: AIDS nephropathy	648	774	719	738	348
1890B: Renal tumor (malignant)	151	207	252	269	104
1899A: Urinary tract tumor (malignant)	60	94	96	105	47
20280A: Lymphoma of kidneys	17	21	34	31	18
2030A: Multiple myeloma	392	629	667	818	330
2030B: Light chain nephropathy	58	80	90	102	52
2230A: Renal tumor (benign)	*	*	*	*	*
2239A: Urinary tract tumor (benign)	*	*	*	*	*
2395A: Renal tumor (unspecified)	11	12	22	21	13
2395B: Urinary tract tumor (unspecified)	*	*	12	12	*
25000A: Type II, adult-onset type or unspecified type diabetes	14,570	24,718	28,132	30,893	14,521
25001A: Type I, juvenile type, ketosis prone diabetes	3,806	5,468	4,988	4,544	1,739
2700A: Cystinosis	*	*	13	10	*
2718B: Primary oxalosis	*	*	14	*	*
2727A: Fabry's disease	*	12	11	14	*
27410A: Gouty nephropathy	25	34	45	38	19
2754A: Nephrocalcinosis	50	53	57	47	26
2773A: Amyloidosis	140	223	245	201	83
28260A: Sickle cell disease/anemia	50	67	72	99	51
28269A: Sickle cell trait and other sickle cell (HbS/Hb other)	*	*	*	*	*
2831A: Hemolytic uremic syndrome	86	130	130	141	55
2870A: Henoch-Schonlein syndrome	21	31	22	31	*
4039D: Renal disease due to hypertension (no primary renal disease)	9,846	15,727	17,252	18,391	8,410
4401A: Renal artery stenosis	629	1,005	1,184	1,253	522
4460C: Polyarteritis	30	36	48	45	14
4462A: Vasculitis and its derivatives	109	197	194	203	92
4464B: Wegeners granulomatosis	113	189	198	218	98
5724A: Hepatorenal syndrome	60	103	133	137	64
5800C: Post infectious GN, SBE	45	60	59	71	36
5804B: Rapidly progressive GN	191	331	287	315	136
58089A: Acute interstitial nephritis	85	112	122	152	78
5820A: Other proliferative GN	129	221	223	217	97
5821A: Focal glomerulosclerosis, focal sclerosing GN	1,078	1,602	1,648	1,786	802
5829A: Glomerulonephritis (GN)	2,518	3,614	3,618	3,549	1,606
5830B: Radiation nephritis	15	35	31	29	15
5831A: Membranous nephropathy	223	366	383	376	172
5832A: Membranoproliferative GN type 1, diffuse MPGN	153	295	265	293	129
5832C: Dense deposit disease, MPGN type 2	20	23	26	24	10
5834C: Goodpastures Syndrome	61	85	91	100	45
5836A: Tubular necrosis (no recovery)	476	857	1,015	1,080	481
58381B: IgA nephropathy, Bergers disease	326	510	533	583	263
58381C: IgM nephropathy	48	43	48	56	28
58389B: Chronic interstitial nephritis	607	833	747	834	342
5839B: Secondary GN, other	61	80	78	76	36
5839C: Nephropathy due to heroin abuse and related drugs	39	67	50	47	20
5839D: Drash syndrome, mesangial sclerosis	*	*	*	*	*
5900A: Chronic pyelonephritis, reflux nephropathy	301	436	442	436	200
5909A: Nephropathy caused by other agents	236	308	356	402	172
5920C: Nephrolithiasis	95	151	140	151	66
5929B: Urolithiasis	15	33	35	27	14

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

Table C.11 (continued)

	1995	1996	1997	1998	1999
59381B: Renal artery occlusion	253	468	498	505	216
59381E: Cholesterol emboli, renal emboli	480	759	906	833	368
59389A: Other renal disorders	409	613	813	781	453
5996A: Acquired obstructive uropathy	416	769	772	842	374
64620A: Post partum renal failure	*	10	12	12	*
7100E: Lupus erythematosus, (SLE nephritis)	541	793	861	944	391
7101B: Scleroderma	102	155	153	148	73
7530B: Renal hypoplasia, dysplasia, oligonephronia	91	169	150	141	68
75313A: Polycystic kidneys, adult type (dominant)	1,071	1,545	1,626	1,795	743
75314A: Polycystic, infantile (recessive)	22	43	41	49	21
75316A: Medullary cystic disease, including nephronophthisis	34	52	36	44	17
7532A: Congenital obstructive uropathy	146	212	220	187	89
7533A: Congenital nephrotic syndrome	35	43	43	48	24
7567A: Prune belly syndrome	20	25	26	15	11
7595A: Tuberous sclerosis	18	28	25	23	*
7598A: Hereditary nephritis, Alports syndrome	73	121	114	152	50
7598B: Hereditary/familial nephropathy	45	56	42	44	15
7999A: Etiology uncertain	1,670	2,746	2,924	3,163	1,350
8660A: Traumatic or surgical loss of kidney(s)	61	97	70	99	35
9659A: Analgesic abuse	117	171	174	197	81
9849A: Lead nephropathy	12	15	19	20	*
99680A: Complication post bone marrow or other transplant	34	61	84	93	39

Table C.12

Patient Comorbidity*percent of total patients, May 1995-June 1999*

	1995	1996	1997	1998	1999
Total patients	43,286	68,869	74,465	79,135	35,859
Congestive heart failure	31.4%	33.4%	34.9%	33.4%	33.1%
Ischemic heart disease/CAD	21.9%	23.4%	25.3%	24.6%	24.9%
Myocardial infarction	8.6%	9.1%	9.5%	9.1%	9.3%
Cardiac arrest	1.1%	1.1%	1.0%	0.8%	0.9%
Cardiac dysrhythmia	5.5%	5.9%	6.2%	6.0%	6.0%
Pericarditis	1.6%	1.2%	1.1%	0.9%	0.8%
Cerebrovascular disease/CVA/TIA	8.2%	9.2%	9.8%	9.5%	9.5%
Peripheral vascular disease	14.2%	14.9%	15.8%	15.2%	14.9%
History of hypertension	67.4%	71.1%	73.2%	73.9%	75.0%
Diabetes prim./contrib.	36.3%	38.8%	40.5%	40.9%	42.1%
Diabetes on insulin	22.3%	23.5%	24.0%	23.5%	23.7%
Chronic obstructive pulm. dis.	6.8%	7.0%	7.5%	7.3%	7.8%
Current smoker/tobacco use	5.9%	5.7%	5.4%	5.0%	4.9%
Malignant neoplasm/cancer	4.8%	4.9%	5.3%	5.4%	5.2%
Alcohol dependence	1.8%	1.9%	1.6%	1.4%	1.4%
Drug dependence	1.1%	1.1%	1.0%	1.0%	1.0%
AIDS	0.7%	0.5%	0.5%	0.4%	0.4%
HIV	0.9%	0.8%	0.7%	0.7%	0.7%

Table C.13

Patient Employment Status: Current Employment*percent of patients aged 20-64, May 1995-June 1999*

		1995	1996	1997	1998	1999
Female	Total patients	10,113	15,357	15,839	17,033	7,588
	Unemployed	36.5%	35.4%	34.2%	32.2%	33.1%
	Employed	11.7%	11.3%	12.1%	12.7%	12.7%
	Retired-Age	5.8%	6.4%	7.2%	7.5%	7.2%
	Retired- disability	20.9%	23.9%	25.5%	26.4%	26.8%
	Medical LOA	5.4%	4.1%	3.9%	3.9%	4.4%
	Student	0.7%	0.5%	0.5%	0.5%	0.5%
	Homemaker	13.8%	13.9%	13.1%	12.3%	11.9%
Male	Total patients	12,016	18,028	18,573	20,010	9,176
	Unemployed	31.2%	29.6%	28.1%	26.7%	27.0%
	Employed	19.4%	19.6%	20.6%	20.9%	21.3%
	Retired-Age	7.6%	8.0%	8.6%	8.4%	9.0%
	Retired- disability	29.3%	32.1%	33.8%	34.0%	33.4%
	Medical LOA	6.9%	5.5%	4.7%	5.0%	5.1%
	Student	0.5%	0.5%	0.5%	0.6%	0.5%
	Homemaker	0.2%	0.1%	0.1%	0.1%	0.0%
Age 20-44	Total patients	7,247	10,404	10,084	10,500	4,575
	Unemployed	44.0%	42.0%	42.3%	40.1%	40.9%
	Employed	21.8%	23.0%	24.7%	25.1%	25.5%
	Retired-Age	0.5%	0.4%	0.4%	0.5%	0.8%
	Retired- disability	15.6%	17.6%	17.6%	18.5%	17.9%
	Medical LOA	8.3%	6.9%	6.0%	6.3%	6.5%
	Student	1.5%	1.6%	1.5%	1.8%	1.6%
	Homemaker	3.8%	4.4%	4.0%	3.9%	3.5%
Age 45-64	Total patients	14,882	22,981	24,328	26,543	12,189
	Unemployed	28.5%	27.8%	26.2%	24.9%	25.6%
	Employed	13.0%	12.6%	13.3%	13.9%	14.4%
	Retired-Age	9.9%	10.4%	11.1%	10.9%	11.0%
	Retired- disability	30.3%	33.2%	35.1%	35.3%	35.1%
	Medical LOA	5.2%	4.0%	3.6%	3.8%	4.1%
	Student	0.1%	0.1%	0.1%	0.0%	0.1%
	Homemaker	7.7%	7.4%	6.9%	6.5%	6.1%
Status missing	5.4%	4.6%	3.7%	4.6%	3.6%	

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

Table C.14

Patient Employment Status: Previous Employment*percent of patients aged 20-64, May 1995-June 1999*

		1995	1996	1997	1998	1999
Female	Total patients	10,113	15,357	15,839	17,033	7,588
	Unemployed	29.3%	29.4%	28.8%	27.0%	28.0%
	Employed	22.0%	19.2%	19.2%	20.1%	20.6%
	Retired-Age	5.2%	5.7%	6.6%	6.9%	6.8%
	Retired- disability	17.1%	20.4%	22.1%	23.2%	23.7%
	Medical LOA	0.8%	0.9%	0.8%	0.8%	0.8%
	Student	0.6%	0.6%	0.5%	0.5%	0.5%
	Homemaker	13.7%	13.6%	13.1%	12.2%	11.6%
	Status missing	11.3%	10.2%	8.9%	9.3%	7.9%
Male	Total patients	12,016	18,028	18,573	20,010	9,176
	Unemployed	22.4%	22.6%	21.5%	20.7%	21.1%
	Employed	33.8%	30.6%	30.1%	30.8%	31.0%
	Retired-Age	6.6%	7.3%	7.8%	7.8%	8.2%
	Retired- disability	23.8%	27.3%	29.6%	29.9%	29.6%
	Medical LOA	1.3%	1.2%	1.0%	0.9%	1.0%
	Student	0.6%	0.5%	0.6%	0.6%	0.5%
	Homemaker	0.2%	0.1%	0.1%	0.1%	0.0%
	Status missing	11.3%	10.3%	9.4%	9.0%	8.6%
Age 20-44	Total patients	7,247	10,404	10,084	10,500	4,575
	Unemployed	31.3%	32.8%	32.9%	31.5%	32.3%
	Employed	38.7%	36.0%	36.1%	37.3%	38.1%
	Retired-Age	0.4%	0.3%	0.3%	0.4%	0.7%
	Retired- disability	12.2%	14.1%	14.9%	15.7%	14.9%
	Medical LOA	1.0%	1.2%	1.0%	1.0%	1.0%
	Student	1.7%	1.6%	1.8%	1.9%	1.7%
	Homemaker	3.7%	4.0%	3.9%	3.8%	3.3%
	Status missing	11.0%	9.9%	9.2%	8.6%	8.1%
Age 45-64	Total patients	14,882	22,981	24,328	26,543	12,189
	Unemployed	22.8%	22.6%	21.5%	20.5%	21.2%
	Employed	23.4%	20.5%	20.6%	21.4%	21.9%
	Retired-Age	8.7%	9.4%	10.1%	10.2%	10.1%
	Retired- disability	24.9%	28.7%	30.8%	31.2%	31.5%
	Medical LOA	1.1%	0.9%	0.9%	0.8%	0.9%
	Student	0.1%	0.1%	0.1%	0.0%	0.0%
	Homemaker	7.6%	7.4%	7.0%	6.4%	6.0%
	Status missing	11.5%	10.4%	9.2%	9.4%	8.4%

Table C.15

Patient Comorbidity: ESRD Patients*percent of patients, by year of first service*

DIALYSIS	1995	1996	1997	1998	1999
Total patients	42,634	67,817	73,389	78,036	35,438
Congestive heart failure	31.9%	33.9%	35.4%	33.9%	33.5%
Ischemic heart disease/CAD	22.1%	23.7%	25.6%	24.9%	25.2%
Myocardial infarction	8.8%	9.2%	9.6%	9.2%	9.4%
Cardiac arrest	1.1%	1.1%	1.0%	0.8%	0.9%
Cardiac dysrhythmia	5.5%	6.0%	6.3%	6.1%	6.0%
Pericarditis	1.6%	1.2%	1.1%	0.9%	0.8%
Cerebrovascular disease/CVA/TIA	8.3%	9.3%	9.9%	9.6%	9.5%
Peripheral vascular disease	14.3%	15.1%	16.0%	15.4%	15.0%
History of hypertension	67.5%	71.2%	73.4%	74.0%	75.2%
Diabetes prim./contrib.	36.5%	39.1%	40.8%	41.2%	42.4%
Diabetes on insulin	22.4%	23.5%	24.1%	23.6%	23.8%
Chronic obstructive pulm. dis.	6.9%	7.1%	7.6%	7.4%	7.9%
Current smoker/tobacco use	5.9%	5.7%	5.4%	5.1%	5.0%
Malignant neoplasm/cancer	4.9%	5.0%	5.3%	5.4%	5.3%
Alcohol dependence	1.8%	1.9%	1.6%	1.4%	1.4%
Drug dependence	1.1%	1.2%	1.0%	1.0%	1.0%
Inability to transfer	1.8%	1.8%	1.7%	1.6%	1.5%
Inability to ambulate	5.2%	5.0%	4.8%	4.4%	4.2%
No comorbidities reported	28.5%	26.3%	25.1%	26.2%	25.5%
TRANSPLANT					
Total patients	649	1,044	1,073	1,088	369
Congestive heart failure	0.9%	0.9%	1.6%	1.8%	1.1%
Ischemic heart disease/CAD	3.4%	3.1%	3.6%	3.7%	4.3%
Myocardial infarction	1.8%	1.3%	1.6%	2.0%	1.6%
Cardiac arrest	0.2%	0.4%	0.1%	0.2%	0.5%
Cardiac dysrhythmia	0.3%	1.5%	0.5%	1.1%	0.8%
Pericarditis	0.2%	0.4%	0.4%	0.1%	0.0%
Cerebrovascular disease/CVA/TIA	1.4%	1.1%	1.2%	1.5%	1.4%
Peripheral vascular disease	2.9%	2.8%	1.2%	2.7%	2.4%
History of hypertension	56.5%	61.7%	60.0%	65.4%	65.0%
Diabetes prim./contrib.	21.9%	22.5%	21.5%	20.0%	24.7%
Diabetes on insulin	20.2%	20.3%	18.1%	17.8%	20.6%
Chronic obstructive pulm. dis.	0.6%	0.8%	0.9%	0.6%	0.8%
Current smoker/tobacco use	4.0%	3.9%	1.7%	2.4%	1.6%
Malignant neoplasm/cancer	0.5%	0.6%	0.7%	1.0%	1.1%
Alcohol dependence	0.3%	0.7%	0.5%	0.8%	0.0%
Drug dependence	0.0%	0.1%	0.1%	0.1%	0.0%
Inability to transfer	0.3%	0.1%	0.2%	0.2%	0.0%
Inability to ambulate	0.3%	0.5%	0.6%	0.5%	0.3%
No comorbidities reported	68.1%	65.7%	70.0%	70.0%	65.6%

Table C.16

Patient Comorbidity: Dialysis Patients*percent of patients, by age group, May 1995-June 1999*

0-19	1995	1996	1997	1998	1999
Total patients	547	848	806	821	392
Congestive heart failure	3.7%	4.2%	4.7%	4.4%	3.3%
Ischemic heart disease/CAD	0.0%	0.2%	0.5%	0.2%	0.3%
Myocardial infarction	0.0%	0.2%	0.1%	0.2%	0.0%
Cardiac arrest	0.7%	0.0%	0.4%	0.2%	0.8%
Cardiac dysrhythmia	0.2%	0.7%	0.7%	1.1%	0.0%
Pericarditis	1.1%	1.3%	1.4%	0.7%	0.8%
Cerebrovascular disease/CVA/TIA	0.9%	1.1%	0.9%	1.1%	0.8%
Peripheral vascular disease	1.1%	0.8%	0.1%	0.5%	0.3%
History of hypertension	39.1%	41.6%	38.6%	41.7%	41.1%
Diabetes prim./contrib.	2.7%	1.5%	1.5%	1.7%	1.8%
Diabetes on insulin	1.6%	0.7%	1.1%	1.0%	1.5%
Chronic obstructive pulm. dis.	0.5%	0.1%	0.2%	0.1%	0.3%
Current smoker/tobacco use	0.5%	1.1%	0.7%	1.8%	0.5%
Malignant neoplasm/cancer	1.1%	0.9%	0.7%	0.7%	1.3%
Alcohol dependence	0.0%	0.0%	0.0%	0.1%	0.0%
Drug dependence	0.2%	0.0%	0.4%	0.2%	0.3%
Inability to transfer	1.3%	1.2%	0.7%	0.6%	0.8%
Inability to ambulate	2.6%	2.5%	2.0%	1.7%	1.8%
No comorbidities reported	86.5%	87.0%	87.6%	88.3%	88.5%
20-44					
Total patients	6,934	9,929	9,602	10,004	4,393
Congestive heart failure	12.1%	12.8%	13.0%	12.9%	12.4%
Ischemic heart disease/CAD	4.2%	4.2%	4.7%	4.5%	4.5%
Myocardial infarction	2.0%	1.7%	2.1%	1.8%	1.9%
Cardiac arrest	0.3%	0.4%	0.4%	0.4%	0.3%
Cardiac dysrhythmia	1.0%	1.1%	1.1%	1.0%	1.1%
Pericarditis	1.7%	1.3%	1.4%	1.3%	1.2%
Cerebrovascular disease/CVA/TIA	2.4%	2.8%	2.8%	3.3%	2.6%
Peripheral vascular disease	4.7%	4.5%	5.0%	4.7%	4.3%
History of hypertension	63.3%	67.9%	69.6%	71.2%	71.7%
Diabetes prim./contrib.	23.9%	26.5%	27.7%	26.9%	28.1%
Diabetes on insulin	21.9%	23.0%	24.0%	22.4%	22.8%
Chronic obstructive pulm. dis.	1.4%	1.2%	1.3%	1.3%	1.3%
Current smoker/tobacco use	8.4%	8.4%	8.9%	8.2%	7.4%
Malignant neoplasm/cancer	1.4%	1.2%	1.2%	1.4%	1.2%
Alcohol dependence	3.1%	3.2%	2.9%	2.4%	2.3%
Drug dependence	4.7%	4.9%	4.5%	4.4%	4.2%
Inability to transfer	0.7%	0.7%	0.6%	0.6%	0.4%
Inability to ambulate	2.3%	2.1%	2.4%	2.1%	1.3%
No comorbidities reported	49.6%	48.8%	48.3%	50.1%	49.9%
45-64					
Total patients	14,671	22,586	23,926	26,114	12,028
Congestive heart failure	29.2%	31.2%	31.5%	29.9%	29.3%
Ischemic heart disease/CAD	19.2%	20.1%	20.9%	20.9%	19.8%
Myocardial infarction	7.7%	8.2%	8.1%	7.9%	7.6%
Cardiac arrest	1.1%	1.0%	0.9%	0.9%	0.8%
Cardiac dysrhythmia	3.7%	3.9%	3.9%	3.8%	3.3%
Pericarditis	1.8%	1.4%	1.1%	1.0%	0.9%
Cerebrovascular disease/CVA/TIA	7.9%	8.4%	8.9%	8.4%	8.7%
Peripheral vascular disease	13.7%	14.1%	15.0%	14.3%	13.5%
History of hypertension	69.4%	72.7%	75.6%	75.0%	76.9%
Diabetes prim./contrib.	43.6%	47.8%	49.2%	49.1%	50.2%
Diabetes on insulin	28.7%	30.9%	32.1%	30.7%	30.7%
Chronic obstructive pulm. dis.	5.6%	5.8%	5.8%	5.7%	6.0%
Current smoker/tobacco use	7.3%	7.1%	7.0%	6.7%	6.8%
Malignant neoplasm/cancer	3.5%	3.6%	3.6%	3.9%	3.8%
Alcohol dependence	2.4%	2.6%	2.3%	2.2%	2.1%
Drug dependence	1.0%	1.2%	1.2%	1.2%	1.2%
Inability to transfer	1.4%	1.2%	1.4%	1.2%	1.0%
Inability to ambulate	4.5%	4.3%	4.0%	3.8%	3.3%
No comorbidities reported	26.7%	23.8%	23.7%	25.0%	24.6%

Table C.16 (continued)

65-74	1995	1996	1997	1998	1999
Total patients	11,883	19,659	21,589	22,055	9,621
Congestive heart failure	39.3%	40.9%	41.8%	39.9%	39.6%
Ischemic heart disease/CAD	30.1%	31.4%	33.0%	31.6%	33.4%
Myocardial infarction	12.0%	12.1%	12.4%	11.8%	12.5%
Cardiac arrest	1.5%	1.4%	1.3%	0.9%	1.2%
Cardiac dysrhythmia	7.2%	7.8%	7.9%	7.1%	7.6%
Pericarditis	1.5%	1.0%	0.9%	0.7%	0.7%
Cerebrovascular disease/CVA/TIA	10.4%	11.9%	12.4%	11.8%	11.4%
Peripheral vascular disease	18.8%	19.4%	20.3%	19.1%	19.7%
History of hypertension	69.0%	72.0%	74.7%	75.6%	76.6%
Diabetes prim./contrib.	42.4%	44.0%	46.0%	46.9%	48.6%
Diabetes on insulin	22.8%	24.3%	24.6%	24.6%	25.2%
Chronic obstructive pulm. dis.	9.6%	9.8%	10.4%	10.0%	10.8%
Current smoker/tobacco use	5.2%	5.3%	4.7%	4.2%	4.3%
Malignant neoplasm/cancer	6.0%	6.3%	6.8%	6.7%	6.5%
Alcohol dependence	1.2%	1.3%	1.0%	1.0%	1.1%
Drug dependence	0.1%	0.1%	0.1%	0.1%	0.1%
Inability to transfer	2.2%	2.1%	1.9%	1.9%	1.7%
Inability to ambulate	6.1%	5.7%	5.3%	4.8%	4.5%
No comorbidities reported	20.4%	19.1%	17.8%	19.1%	17.8%
75+					
Total patients	8,532	14,678	17,325	18,877	8,940
Congestive heart failure	43.9%	44.8%	46.6%	44.9%	44.4%
Ischemic heart disease/CAD	32.1%	33.5%	35.8%	34.6%	35.0%
Myocardial infarction	12.2%	12.4%	12.9%	12.4%	12.6%
Cardiac arrest	1.1%	1.3%	1.1%	0.9%	1.1%
Cardiac dysrhythmia	10.5%	10.3%	10.9%	10.9%	10.6%
Pericarditis	1.2%	1.2%	1.0%	0.8%	0.6%
Cerebrovascular disease/CVA/TIA	11.4%	12.1%	12.5%	12.3%	12.5%
Peripheral vascular disease	18.0%	18.7%	19.0%	19.1%	18.0%
History of hypertension	67.9%	72.0%	72.8%	74.0%	74.9%
Diabetes prim./contrib.	28.7%	30.2%	32.0%	33.3%	34.1%
Diabetes on insulin	12.6%	13.1%	14.0%	14.3%	14.6%
Chronic obstructive pulm. dis.	10.3%	10.2%	10.6%	10.1%	10.8%
Current smoker/tobacco use	3.0%	2.6%	2.4%	2.4%	2.1%
Malignant neoplasm/cancer	8.7%	8.1%	8.4%	8.4%	8.1%
Alcohol dependence	0.8%	0.6%	0.6%	0.5%	0.4%
Drug dependence	0.0%	0.1%	0.0%	0.1%	0.0%
Inability to transfer	3.0%	3.0%	2.6%	2.5%	2.7%
Inability to ambulate	7.8%	7.4%	6.8%	6.1%	6.4%
No comorbidities reported	21.7%	20.9%	19.8%	20.4%	20.1%
MISSING					
Total patients	67	117	141	165	64
Congestive heart failure	14.9%	17.1%	21.3%	23.0%	35.9%
Ischemic heart disease/CAD	11.9%	13.7%	7.1%	10.3%	15.6%
Myocardial infarction	4.5%	0.9%	2.8%	1.2%	3.1%
Cardiac arrest	0.0%	0.0%	0.7%	0.0%	0.0%
Cardiac dysrhythmia	4.5%	2.6%	5.0%	3.6%	9.4%
Pericarditis	1.5%	0.0%	2.8%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	1.5%	2.6%	7.1%	3.6%	7.8%
Peripheral vascular disease	4.5%	6.0%	3.5%	5.5%	7.8%
History of hypertension	26.9%	34.2%	44.7%	46.7%	54.7%
Diabetes prim./contrib.	19.4%	6.8%	6.4%	10.3%	17.2%
Diabetes on insulin	6.0%	1.7%	2.1%	3.6%	14.1%
Chronic obstructive pulm. dis.	1.5%	1.7%	1.4%	6.1%	4.7%
Current smoker/tobacco use	0.0%	0.0%	0.0%	1.2%	0.0%
Malignant neoplasm/cancer	3.0%	3.4%	5.7%	2.4%	7.8%
Alcohol dependence	1.5%	0.0%	0.0%	0.0%	0.0%
Drug dependence	1.5%	0.0%	0.0%	1.2%	0.0%
Inability to transfer	3.0%	2.6%	5.0%	5.5%	1.6%
Inability to ambulate	3.0%	5.1%	11.3%	10.9%	9.4%
No comorbidities reported	65.7%	68.4%	62.4%	60.6%	42.2%

Table C.17

Patient Comorbidity: Dialysis Patients*percent of patients, by gender, May 1995-June 1999*

MALE	1995	1996	1997	1998	1999
Total patients	22,322	35,902	38,644	41,045	18,814
Congestive heart failure	29.7%	32.1%	33.8%	32.3%	32.6%
Ischemic heart disease/CAD	23.3%	25.4%	27.6%	26.9%	27.7%
Myocardial infarction	9.9%	10.5%	10.9%	10.4%	11.0%
Cardiac arrest	1.1%	1.2%	1.1%	0.9%	1.0%
Cardiac dysrhythmia	5.8%	6.5%	6.8%	6.5%	6.6%
Pericarditis	1.5%	1.1%	1.0%	0.9%	0.9%
Cerebrovascular disease/CVA/TIA	8.5%	9.2%	9.7%	9.7%	9.6%
Peripheral vascular disease	15.2%	16.4%	17.6%	16.9%	16.8%
History of hypertension	66.4%	70.0%	72.2%	72.9%	74.1%
Diabetes prim./contrib.	33.4%	35.4%	37.7%	37.9%	39.6%
Diabetes on insulin	20.0%	21.0%	21.9%	21.2%	21.5%
Chronic obstructive pulm. dis.	8.0%	8.2%	8.9%	8.4%	9.1%
Current smoker/tobacco use	7.2%	7.0%	6.6%	6.1%	6.0%
Malignant neoplasm/cancer	5.5%	5.9%	6.2%	6.4%	6.0%
Alcohol dependence	2.7%	2.7%	2.3%	2.1%	2.0%
Drug dependence	1.6%	1.6%	1.4%	1.3%	1.3%
Inability to transfer	1.6%	1.6%	1.6%	1.4%	1.4%
Inability to ambulate	4.7%	4.5%	4.4%	4.1%	3.8%
No comorbidities reported	29.4%	27.0%	25.2%	26.6%	25.4%
FEMALE					
Total patients	20,312	31,915	34,745	36,991	16,624
Congestive heart failure	34.2%	35.9%	37.1%	35.6%	34.5%
Ischemic heart disease/CAD	20.8%	21.7%	23.4%	22.7%	22.3%
Myocardial infarction	7.5%	7.7%	8.2%	7.9%	7.6%
Cardiac arrest	1.1%	1.0%	0.9%	0.7%	0.8%
Cardiac dysrhythmia	5.2%	5.4%	5.8%	5.6%	5.3%
Pericarditis	1.7%	1.4%	1.2%	0.9%	0.8%
Cerebrovascular disease/CVA/TIA	8.1%	9.4%	10.1%	9.4%	9.5%
Peripheral vascular disease	13.3%	13.5%	14.2%	13.7%	12.9%
History of hypertension	68.8%	72.6%	74.8%	75.3%	76.4%
Diabetes prim./contrib.	39.9%	43.3%	44.1%	44.9%	45.5%
Diabetes on insulin	24.9%	26.5%	26.6%	26.2%	26.4%
Chronic obstructive pulm. dis.	5.7%	5.9%	6.2%	6.2%	6.5%
Current smoker/tobacco use	4.5%	4.3%	4.1%	3.9%	3.8%
Malignant neoplasm/cancer	4.2%	3.9%	4.3%	4.3%	4.5%
Alcohol dependence	0.9%	0.9%	0.7%	0.7%	0.7%
Drug dependence	0.6%	0.7%	0.6%	0.6%	0.6%
Inability to transfer	2.0%	2.0%	2.0%	1.8%	1.8%
Inability to ambulate	5.8%	5.7%	5.3%	4.8%	4.5%
No comorbidities reported	27.6%	25.6%	24.8%	25.7%	25.6%

Table C.18

Patient Comorbidity: Dialysis Patients*percent of patients, by race, May 1995-June 1999*

NATIVE AMERICAN/ALASKAN	1995	1996	1997	1998	1999
Total patients	737	1,121	819	1,230	421
Congestive heart failure	26.3%	25.2%	34.3%	25.1%	33.0%
Ischemic heart disease/CAD	15.7%	15.6%	22.0%	15.3%	21.4%
Myocardial infarction	6.5%	6.0%	9.6%	6.8%	10.2%
Cardiac arrest	0.5%	0.5%	0.5%	0.7%	0.7%
Cardiac dysrhythmia	3.3%	3.0%	4.2%	2.9%	5.9%
Pericarditis	1.5%	1.2%	2.2%	0.8%	1.7%
Cerebrovascular disease/CVA/TIA	7.3%	6.3%	8.8%	5.4%	7.8%
Peripheral vascular disease	14.9%	11.0%	18.3%	13.7%	21.6%
History of hypertension	50.3%	55.0%	76.1%	57.2%	77.0%
Diabetes prim./contrib.	43.0%	47.9%	64.7%	51.3%	67.7%
Diabetes on insulin	24.0%	25.0%	36.4%	27.9%	37.5%
Chronic obstructive pulm. dis.	2.7%	2.6%	4.0%	2.9%	4.8%
Current smoker/tobacco use	4.3%	4.0%	5.0%	3.2%	6.7%
Malignant neoplasm/cancer	2.8%	2.2%	2.7%	2.4%	2.1%
Alcohol dependence	4.1%	4.5%	5.9%	3.3%	3.8%
Drug dependence	0.5%	0.4%	0.5%	0.2%	0.2%
Inability to transfer	1.2%	0.6%	0.5%	1.0%	1.4%
Inability to ambulate	3.3%	2.9%	3.9%	2.7%	5.0%
No comorbidities reported	40.4%	38.4%	13.3%	36.7%	12.1%
ASIAN					
Total patients	1,027	1,632	1,622	1,822	817
Congestive heart failure	23.0%	23.6%	27.6%	25.9%	25.6%
Ischemic heart disease/CAD	13.2%	13.7%	16.8%	15.6%	15.7%
Myocardial infarction	4.2%	4.7%	6.0%	4.6%	5.3%
Cardiac arrest	0.4%	0.7%	0.3%	0.5%	1.1%
Cardiac dysrhythmia	4.0%	3.2%	5.0%	3.7%	4.0%
Pericarditis	1.4%	0.8%	1.4%	0.5%	1.2%
Cerebrovascular disease/CVA/TIA	5.9%	6.9%	7.1%	7.5%	9.1%
Peripheral vascular disease	7.4%	6.1%	8.2%	6.0%	7.8%
History of hypertension	61.6%	63.9%	75.0%	70.9%	75.0%
Diabetes prim./contrib.	30.6%	36.0%	40.1%	36.8%	38.9%
Diabetes on insulin	13.5%	15.3%	16.2%	15.4%	16.3%
Chronic obstructive pulm. dis.	3.0%	2.9%	2.7%	2.7%	3.5%
Current smoker/tobacco use	1.4%	1.6%	1.8%	1.0%	0.9%
Malignant neoplasm/cancer	2.8%	2.0%	3.1%	2.6%	2.6%
Alcohol dependence	0.2%	0.3%	0.4%	0.3%	0.5%
Drug dependence	0.2%	0.1%	0.1%	0.1%	0.0%
Inability to transfer	1.4%	1.8%	1.5%	0.9%	1.2%
Inability to ambulate	3.8%	3.2%	4.0%	3.3%	2.6%
No comorbidities reported	45.6%	46.0%	37.1%	43.0%	38.4%
BLACK					
Total patients	12,688	20,102	20,813	22,407	10,032
Congestive heart failure	26.2%	28.8%	30.3%	29.2%	28.6%
Ischemic heart disease/CAD	13.1%	15.0%	15.2%	15.5%	14.7%
Myocardial infarction	5.0%	5.7%	5.3%	5.4%	5.3%
Cardiac arrest	0.7%	0.9%	0.7%	0.5%	0.6%
Cardiac dysrhythmia	3.2%	3.6%	3.6%	3.5%	3.4%
Pericarditis	1.6%	1.2%	1.1%	0.9%	0.8%
Cerebrovascular disease/CVA/TIA	7.5%	9.0%	9.5%	9.4%	9.2%
Peripheral vascular disease	9.3%	10.4%	10.7%	10.8%	9.9%
History of hypertension	71.9%	76.2%	77.9%	78.9%	80.0%
Diabetes prim./contrib.	35.9%	39.2%	40.6%	41.6%	42.1%
Diabetes on insulin	20.0%	21.5%	22.5%	22.4%	22.9%
Chronic obstructive pulm. dis.	3.7%	4.6%	4.0%	4.2%	4.6%
Current smoker/tobacco use	6.1%	5.9%	5.8%	5.3%	5.4%
Malignant neoplasm/cancer	3.5%	3.6%	3.8%	3.9%	3.7%
Alcohol dependence	3.0%	2.9%	2.4%	2.2%	2.2%
Drug dependence	3.0%	2.9%	2.6%	2.5%	2.7%
Inability to transfer	1.9%	1.8%	1.9%	1.6%	1.7%
Inability to ambulate	4.9%	4.9%	4.9%	4.3%	4.4%
No comorbidities reported	32.8%	29.4%	29.1%	29.3%	29.6%

Table C.18

WHITE	1995	1996	1997	1998	1999
Total patients	25,873	41,366	46,382	49,044	22,611
Congestive heart failure	35.2%	37.2%	38.3%	36.9%	36.2%
Ischemic heart disease/CAD	27.4%	28.8%	31.1%	30.1%	30.5%
Myocardial infarction	11.0%	11.4%	12.0%	11.3%	11.5%
Cardiac arrest	1.3%	1.2%	1.2%	1.0%	1.0%
Cardiac dysrhythmia	7.0%	7.5%	7.9%	7.6%	7.4%
Pericarditis	1.6%	1.3%	1.1%	0.9%	0.8%
Cerebrovascular disease/CVA/TIA	9.0%	9.8%	10.4%	10.0%	9.9%
Peripheral vascular disease	17.2%	17.9%	18.8%	18.2%	17.7%
History of hypertension	66.3%	69.7%	71.6%	72.7%	73.4%
Diabetes prim./contrib.	36.7%	38.7%	40.3%	40.8%	42.0%
Diabetes on insulin	24.0%	25.0%	25.0%	24.4%	24.2%
Chronic obstructive pulm. dis.	9.1%	9.0%	9.9%	9.4%	9.8%
Current smoker/tobacco use	6.3%	6.2%	5.7%	5.3%	5.1%
Malignant neoplasm/cancer	5.9%	6.0%	6.4%	6.5%	6.3%
Alcohol dependence	1.3%	1.4%	1.2%	1.1%	1.0%
Drug dependence	0.3%	0.4%	0.4%	0.4%	0.3%
Inability to transfer	1.9%	1.8%	1.7%	1.7%	1.5%
Inability to ambulate	5.6%	5.3%	4.8%	4.6%	4.1%
No comorbidities reported	25.0%	23.2%	22.5%	23.4%	23.1%
OTHER/MULTIRACIAL					
Total patients	1,973	3,073	3,300	3,257	1,401
Congestive heart failure	32.9%	31.8%	31.1%	29.3%	30.6%
Ischemic heart disease/CAD	18.7%	20.3%	20.5%	20.5%	21.3%
Myocardial infarction	6.8%	6.2%	5.8%	8.0%	6.0%
Cardiac arrest	1.1%	0.7%	0.7%	0.8%	0.8%
Cardiac dysrhythmia	3.5%	3.2%	3.5%	3.5%	2.9%
Pericarditis	1.8%	0.9%	0.8%	1.0%	0.9%
Cerebrovascular disease/CVA/TIA	6.3%	7.4%	6.7%	6.6%	7.5%
Peripheral vascular disease	12.8%	13.3%	13.5%	11.7%	11.0%
History of hypertension	66.3%	69.2%	70.2%	69.9%	70.4%
Diabetes prim./contrib.	40.0%	41.8%	42.1%	43.6%	45.5%
Diabetes on insulin	20.6%	21.7%	23.7%	22.0%	24.1%
Chronic obstructive pulm. dis.	3.1%	3.0%	3.0%	3.3%	3.9%
Current smoker/tobacco use	3.4%	2.0%	1.9%	2.1%	2.4%
Malignant neoplasm/cancer	2.3%	2.2%	2.4%	2.4%	2.9%
Alcohol dependence	1.4%	0.8%	0.9%	0.9%	0.9%
Drug dependence	0.6%	0.5%	0.5%	0.6%	0.2%
Inability to transfer	1.5%	1.4%	1.3%	1.4%	0.9%
Inability to ambulate	4.8%	4.2%	4.5%	3.8%	3.3%
No comorbidities reported	31.4%	31.9%	31.4%	32.9%	30.0%

Table C.19

Patient Comorbidity: Dialysis Patients*percent of patients, by Hispanic ethnicity, May 1995-June 1999*

	Hispanic - Mexican					Hispanic - other				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Total patients	3,078	4,843	4,745	5,243	2,462	1,890	2,966	3,307	3,559	1,627
Congestive heart failure	28.8%	28.7%	33.7%	29.9%	31.1%	27.9%	32.8%	30.4%	31.2%	31.3%
Ischemic heart disease/CAD	14.9%	15.8%	19.5%	17.9%	17.8%	21.3%	22.1%	22.3%	22.1%	22.7%
Myocardial infarction	4.9%	4.6%	6.2%	5.4%	5.4%	7.3%	6.7%	6.1%	7.8%	6.5%
Cardiac arrest	0.6%	0.7%	0.6%	0.5%	0.6%	1.1%	0.9%	0.6%	0.6%	0.6%
Cardiac dysrhythmia	2.9%	2.4%	3.5%	2.9%	2.7%	4.9%	3.6%	3.3%	3.8%	3.2%
Pericarditis	0.8%	0.9%	0.6%	0.8%	0.6%	1.9%	1.2%	0.8%	1.0%	0.8%
Cerebrovascular disease/CVA/TIA	5.1%	6.5%	6.9%	7.3%	6.1%	6.9%	7.3%	6.7%	7.2%	7.0%
Peripheral vascular disease	11.2%	12.2%	14.4%	13.3%	12.0%	15.3%	14.9%	15.0%	13.9%	13.5%
History of hypertension	60.9%	65.1%	75.4%	71.9%	76.0%	62.7%	67.7%	69.8%	71.4%	70.6%
Diabetes prim./contrib.	47.2%	51.1%	58.8%	55.0%	59.3%	35.7%	38.4%	39.3%	43.4%	43.2%
Diabetes on insulin	23.0%	26.9%	30.2%	26.9%	27.6%	21.0%	22.9%	23.5%	23.4%	25.6%
Chronic obstructive pulm. dis.	2.4%	2.7%	3.3%	3.2%	2.6%	4.0%	3.6%	3.5%	3.7%	3.5%
Current smoker/tobacco use	2.0%	2.2%	2.0%	2.2%	1.7%	2.3%	2.5%	2.3%	2.5%	2.4%
Malignant neoplasm/cancer	1.7%	2.0%	2.5%	2.6%	2.2%	2.8%	3.3%	2.8%	2.7%	3.5%
Alcohol dependence	1.4%	1.3%	1.3%	1.4%	1.1%	1.0%	1.1%	1.3%	1.2%	1.2%
Drug dependence	0.6%	0.5%	0.5%	0.4%	0.3%	1.0%	0.8%	0.8%	1.0%	0.4%
Inability to transfer	1.6%	1.4%	1.5%	1.4%	1.3%	1.4%	1.5%	1.2%	1.6%	1.2%
Inability to ambulate	4.6%	4.5%	4.5%	3.7%	3.0%	5.9%	5.1%	4.1%	4.5%	4.2%
No comorbidities reported	35.0%	31.0%	22.7%	27.0%	23.2%	33.5%	31.0%	31.6%	30.3%	29.3%

	Non-Hispanic					Unknown ethnicity				
	1995	1996	1997	1998	1999	1995	1996	1997	1998	1999
Total patients	37,401	59,732	65,106	68,959	31,198	265	276	231	275	150
Congestive heart failure	32.3%	34.4%	35.7%	34.3%	33.8%	32.8%	35.1%	44.6%	37.5%	32.7%
Ischemic heart disease/CAD	22.8%	24.4%	26.2%	25.5%	25.9%	22.6%	28.3%	32.5%	27.3%	24.0%
Myocardial infarction	9.1%	9.7%	10.0%	9.6%	9.9%	12.1%	10.9%	13.4%	9.8%	5.3%
Cardiac arrest	1.1%	1.1%	1.0%	0.8%	0.9%	1.9%	2.2%	2.2%	1.8%	0.0%
Cardiac dysrhythmia	5.8%	6.4%	6.7%	6.4%	6.4%	3.8%	5.4%	10.0%	6.9%	3.3%
Pericarditis	1.6%	1.3%	1.1%	0.9%	0.8%	1.5%	1.4%	1.7%	0.4%	2.0%
Cerebrovascular disease/CVA/TIA	8.6%	9.6%	10.3%	9.9%	9.9%	8.7%	8.0%	11.7%	10.5%	8.7%
Peripheral vascular disease	14.5%	15.3%	16.1%	15.7%	15.3%	14.7%	14.9%	16.5%	16.7%	11.3%
History of hypertension	68.4%	71.9%	73.5%	74.3%	75.4%	58.5%	62.7%	67.5%	72.0%	72.7%
Diabetes prim./contrib.	35.7%	38.2%	39.5%	40.1%	41.0%	32.1%	35.9%	40.7%	40.4%	30.0%
Diabetes on insulin	22.4%	23.3%	23.7%	23.3%	23.5%	20.0%	18.5%	19.5%	21.5%	14.7%
Chronic obstructive pulm. dis.	7.4%	7.7%	8.2%	7.9%	8.5%	7.5%	9.1%	9.5%	6.2%	8.7%
Current smoker/tobacco use	6.4%	6.2%	5.8%	5.4%	5.3%	4.5%	3.3%	3.0%	2.9%	5.3%
Malignant neoplasm/cancer	5.2%	5.3%	5.7%	5.8%	5.6%	5.3%	6.5%	6.5%	8.0%	2.7%
Alcohol dependence	1.9%	2.0%	1.6%	1.5%	1.4%	1.5%	1.4%	1.7%	1.8%	0.7%
Drug dependence	1.2%	1.2%	1.1%	1.1%	1.0%	0.8%	1.1%	0.4%	0.7%	4.7%
Inability to transfer	1.9%	1.8%	1.8%	1.6%	1.6%	2.6%	2.5%	2.2%	2.5%	2.0%
Inability to ambulate	5.2%	5.1%	4.9%	4.5%	4.2%	4.9%	5.4%	6.5%	6.5%	4.7%
No comorbidities reported	27.7%	25.7%	24.9%	25.9%	25.5%	33.2%	29.7%	22.1%	27.6%	30.0%

Table C.20

Patient Comorbidity: Dialysis Patients*percent of patients, by diabetic status, May 1995-June 1999*

NON-DIABETIC	1995	1996	1997	1998	1999
Total patients	24,429	37,932	40,559	42,869	19,307
Congestive heart failure	26%	28%	30%	28%	28%
Ischemic heart disease/CAD	19%	21%	22%	21%	22%
Myocardial infarction	8%	8%	9%	8%	9%
Cardiac arrest	1%	1%	1%	1%	1%
Cardiac dysrhythmia	6%	7%	7%	7%	7%
Pericarditis	2%	1%	1%	1%	1%
Cerebrovascular disease/CVA/TIA	7%	8%	9%	8%	9%
Peripheral vascular disease	11%	12%	12%	12%	11%
History of hypertension	66%	69%	72%	72%	73%
Diabetes prim./contrib.	11%	11%	11%	12%	13%
Diabetes on insulin	4%	4%	4%	4%	5%
Chronic obstructive pulm. dis.	8%	8%	9%	9%	9%
Current smoker/tobacco use	7%	7%	6%	6%	6%
Malignant neoplasm/cancer	7%	7%	7%	7%	7%
Alcohol dependence	3%	3%	2%	2%	2%
Drug dependence	2%	2%	2%	2%	2%
Inability to transfer	2%	2%	2%	2%	1%
Inability to ambulate	4%	4%	4%	4%	4%
No comorbidities reported	43%	41%	40%	41%	41%
DIABETIC					
Total patients	18,205	29,885	32,830	35,167	16,131
Congestive heart failure	39.3%	41.5%	42.5%	40.8%	39.9%
Ischemic heart disease/CAD	26.7%	27.7%	30.0%	29.4%	28.9%
Myocardial infarction	10.2%	10.3%	10.9%	10.5%	10.4%
Cardiac arrest	1.2%	1.1%	1.0%	0.8%	0.8%
Cardiac dysrhythmia	5.1%	5.3%	5.8%	5.5%	5.3%
Pericarditis	1.6%	1.1%	1.0%	0.8%	0.8%
Cerebrovascular disease/CVA/TIA	9.5%	10.5%	11.1%	11.0%	10.8%
Peripheral vascular disease	19.0%	19.5%	20.7%	20.0%	19.3%
History of hypertension	69.8%	73.7%	75.7%	76.6%	77.6%
Diabetes prim./contrib.	71.1%	74.6%	77.0%	77.3%	77.8%
Diabetes on insulin	47.6%	48.7%	49.0%	47.3%	46.7%
Chronic obstructive pulm. dis.	5.6%	5.7%	6.2%	5.9%	6.7%
Current smoker/tobacco use	4.6%	4.4%	4.4%	4.0%	3.9%
Malignant neoplasm/cancer	2.7%	2.7%	3.2%	3.2%	3.2%
Alcohol dependence	1.0%	1.0%	0.9%	0.8%	0.8%
Drug dependence	0.4%	0.5%	0.4%	0.4%	0.3%
Inability to transfer	2.0%	2.0%	2.0%	1.8%	1.7%
Inability to ambulate	6.3%	6.2%	5.7%	5.3%	4.8%
No comorbidities reported	9.4%	7.5%	6.8%	7.8%	7.2%

Table C.21

Patient Comorbidity: Transplant Patients*percent of patients, by age group, May 1995-June 1999*

0-19	1995	1996	1997	1998	1999
Total patients	108	152	146	118	44
Congestive heart failure	0.0%	0.0%	0.7%	1.7%	2.3%
Ischemic heart disease/CAD	0.0%	0.0%	0.0%	0.0%	0.0%
Myocardial infarction	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac arrest	0.0%	0.7%	0.0%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	2.0%	0.0%	0.0%	2.3%
Pericarditis	0.0%	0.7%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	0.0%	0.0%	0.0%	0.0%	2.3%
Peripheral vascular disease	0.9%	0.7%	0.0%	0.0%	0.0%
History of hypertension	24.1%	30.9%	25.3%	32.2%	47.7%
Diabetes prim./contrib.	0.9%	1.3%	0.0%	1.7%	2.3%
Diabetes on insulin	0.9%	0.7%	0.0%	2.5%	2.3%
Chronic obstructive pulm. dis.	0.0%	0.7%	0.7%	0.0%	0.0%
Current smoker/tobacco use	0.9%	1.3%	0.0%	0.0%	0.0%
Malignant neoplasm/cancer	0.0%	0.7%	0.0%	0.8%	0.0%
Alcohol dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Drug dependence	0.0%	0.7%	0.0%	0.0%	0.0%
Inability to transfer	0.9%	0.7%	0.0%	0.0%	0.0%
Inability to ambulate	0.9%	2.0%	2.1%	0.0%	0.0%
No comorbidities reported	96.3%	92.1%	96.6%	94.1%	93.2%
20-44					
Total patients	313	475	482	495	171
Congestive heart failure	1.0%	1.1%	1.0%	1.2%	0.6%
Ischemic heart disease/CAD	3.2%	1.9%	1.9%	1.6%	1.2%
Myocardial infarction	1.6%	0.8%	0.6%	1.6%	1.2%
Cardiac arrest	0.3%	0.2%	0.0%	0.2%	1.2%
Cardiac dysrhythmia	0.3%	0.4%	0.2%	0.8%	0.6%
Pericarditis	0.0%	0.4%	0.8%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	1.9%	1.1%	1.2%	1.2%	0.0%
Peripheral vascular disease	2.9%	2.7%	1.7%	2.2%	2.3%
History of hypertension	62.9%	67.8%	63.3%	68.3%	66.7%
Diabetes prim./contrib.	29.1%	27.6%	27.6%	23.2%	27.5%
Diabetes on insulin	25.9%	23.8%	24.5%	20.4%	23.4%
Chronic obstructive pulm. dis.	0.3%	0.6%	0.2%	0.2%	0.6%
Current smoker/tobacco use	5.8%	5.3%	0.8%	2.8%	1.8%
Malignant neoplasm/cancer	0.6%	0.4%	0.4%	0.2%	1.8%
Alcohol dependence	0.3%	0.4%	0.2%	0.6%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.2%	0.0%
Inability to transfer	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to ambulate	0.0%	0.2%	0.2%	0.0%	0.0%
No comorbidities reported	61.0%	61.9%	65.4%	68.5%	64.3%
45-64					
Total patients	208	393	402	424	143
Congestive heart failure	1.0%	1.0%	2.2%	2.4%	1.4%
Ischemic heart disease/CAD	5.3%	5.1%	6.7%	6.6%	9.1%
Myocardial infarction	2.9%	2.5%	3.5%	2.1%	2.1%
Cardiac arrest	0.0%	0.5%	0.2%	0.0%	0.0%
Cardiac dysrhythmia	0.5%	2.3%	0.7%	1.9%	0.0%
Pericarditis	0.5%	0.3%	0.0%	0.2%	0.0%
Cerebrovascular disease/CVA/TIA	1.0%	1.8%	1.5%	1.9%	2.8%
Peripheral vascular disease	3.8%	3.8%	1.0%	3.8%	3.5%
History of hypertension	63.5%	66.7%	68.2%	70.8%	67.1%
Diabetes prim./contrib.	24.0%	24.7%	22.9%	21.5%	28.0%
Diabetes on insulin	23.6%	23.7%	18.4%	19.6%	22.4%
Chronic obstructive pulm. dis.	1.4%	0.8%	1.5%	0.7%	1.4%
Current smoker/tobacco use	3.4%	3.6%	3.5%	2.8%	2.1%
Malignant neoplasm/cancer	0.5%	0.8%	1.5%	1.4%	0.7%
Alcohol dependence	0.5%	1.3%	1.0%	1.4%	0.0%
Drug dependence	0.0%	0.0%	0.2%	0.0%	0.0%
Inability to transfer	0.5%	0.0%	0.5%	0.5%	0.0%
Inability to ambulate	0.5%	0.3%	0.5%	1.2%	0.7%
No comorbidities reported	63.5%	59.8%	65.2%	66.5%	59.4%

".": Zero patients in this cell.

Table C.21 (continued)

65-74	1995	1996	1997	1998	1999
Total patients	19	20	37	43	10
Congestive heart failure	5.3%	0.0%	5.4%	4.7%	0.0%
Ischemic heart disease/CAD	5.3%	10.0%	8.1%	7.0%	10.0%
Myocardial infarction	5.3%	0.0%	0.0%	9.3%	10.0%
Cardiac arrest	0.0%	0.0%	0.0%	2.3%	0.0%
Cardiac dysrhythmia	0.0%	10.0%	2.7%	0.0%	10.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	5.3%	0.0%	2.7%	4.7%	0.0%
Peripheral vascular disease	5.3%	0.0%	2.7%	4.7%	0.0%
History of hypertension	63.2%	55.0%	73.0%	76.7%	90.0%
Diabetes prim./contrib.	0.0%	25.0%	16.2%	23.3%	30.0%
Diabetes on insulin	0.0%	25.0%	5.4%	16.3%	30.0%
Chronic obstructive pulm. dis.	0.0%	5.0%	5.4%	2.3%	0.0%
Current smoker/tobacco use	0.0%	0.0%	0.0%	0.0%	0.0%
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	4.7%	0.0%
Alcohol dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to ambulate	0.0%	0.0%	0.0%	0.0%	0.0%
No comorbidities reported	73.7%	70.0%	73.0%	55.8%	50.0%
75+					
Total patients	.	2	3	4	.
Congestive heart failure	.	0.0%	0.0%	0.0%	.
Ischemic heart disease/CAD	.	50.0%	0.0%	25.0%	.
Myocardial infarction	.	0.0%	0.0%	25.0%	.
Cardiac arrest	.	0.0%	0.0%	0.0%	.
Cardiac dysrhythmia	.	0.0%	0.0%	0.0%	.
Pericarditis	.	0.0%	0.0%	0.0%	.
Cerebrovascular disease/CVA/TIA	.	0.0%	0.0%	0.0%	.
Peripheral vascular disease	.	0.0%	0.0%	0.0%	.
History of hypertension	.	50.0%	33.3%	50.0%	.
Diabetes prim./contrib.	.	0.0%	0.0%	0.0%	.
Diabetes on insulin	.	0.0%	0.0%	0.0%	.
Chronic obstructive pulm. dis.	.	0.0%	0.0%	25.0%	.
Current smoker/tobacco use	.	0.0%	0.0%	0.0%	.
Malignant neoplasm/cancer	.	0.0%	0.0%	25.0%	.
Alcohol dependence	.	0.0%	0.0%	0.0%	.
Drug dependence	.	0.0%	0.0%	0.0%	.
Inability to transfer	.	0.0%	0.0%	0.0%	.
Inability to ambulate	.	0.0%	0.0%	0.0%	.
No comorbidities reported	.	50%	100%	50%	.

Table C.22

Patient Comorbidity: Transplant Patients*percent of patients, by gender, May 1995-June 1999*

MALE	1995	1996	1997	1998	1999
Total patients	366	619	620	615	224
Congestive heart failure	1.1%	1.0%	1.3%	1.3%	0.9%
Ischemic heart disease/CAD	5.2%	3.2%	4.7%	5.2%	5.4%
Myocardial infarction	3.3%	1.3%	1.9%	2.9%	1.8%
Cardiac arrest	0.3%	0.3%	0.2%	0.2%	0.4%
Cardiac dysrhythmia	0.3%	1.6%	0.3%	1.3%	0.9%
Pericarditis	0.0%	0.3%	0.3%	0.2%	0.0%
Cerebrovascular disease/CVA/TIA	1.6%	1.5%	1.6%	2.1%	1.3%
Peripheral vascular disease	3.0%	2.4%	1.5%	3.4%	3.1%
History of hypertension	56.3%	61.4%	61.1%	65.7%	64.7%
Diabetes prim./contrib.	21.9%	23.1%	21.3%	21.1%	24.1%
Diabetes on insulin	20.5%	20.5%	18.5%	19.0%	20.1%
Chronic obstructive pulm. dis.	0.8%	1.0%	0.8%	0.5%	1.3%
Current smoker/tobacco use	4.9%	4.0%	1.6%	1.8%	1.8%
Malignant neoplasm/cancer	0.0%	0.5%	1.0%	1.0%	0.9%
Alcohol dependence	0.5%	1.0%	0.8%	1.5%	0.0%
Drug dependence	0.0%	0.0%	0.2%	0.2%	0.0%
Inability to transfer	0.3%	0.2%	0.2%	0.2%	0.0%
Inability to ambulate	0.3%	0.6%	0.6%	0.3%	0.4%
No comorbidities reported	66.9%	64.0%	68.9%	68.8%	63.8%
FEMALE					
Total patients	283	425	453	473	145
Congestive heart failure	0.7%	0.7%	2.0%	2.5%	1.4%
Ischemic heart disease/CAD	1.1%	2.8%	2.2%	1.7%	2.8%
Myocardial infarction	0.0%	1.4%	1.1%	0.8%	1.4%
Cardiac arrest	0.0%	0.5%	0.0%	0.2%	0.7%
Cardiac dysrhythmia	0.4%	1.4%	0.7%	0.8%	0.7%
Pericarditis	0.4%	0.5%	0.4%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	1.1%	0.7%	0.7%	0.6%	1.4%
Peripheral vascular disease	2.8%	3.3%	0.9%	1.7%	1.4%
History of hypertension	56.9%	62.1%	58.5%	65.1%	65.5%
Diabetes prim./contrib.	21.9%	21.6%	21.9%	18.6%	25.5%
Diabetes on insulin	19.8%	20.0%	17.4%	16.3%	21.4%
Chronic obstructive pulm. dis.	0.4%	0.5%	1.1%	0.6%	0.0%
Current smoker/tobacco use	2.8%	3.8%	1.8%	3.2%	1.4%
Malignant neoplasm/cancer	1.1%	0.7%	0.4%	1.1%	1.4%
Alcohol dependence	0.0%	0.2%	0.0%	0.0%	0.0%
Drug dependence	0.0%	0.2%	0.0%	0.0%	0.0%
Inability to transfer	0.4%	0.0%	0.2%	0.2%	0.0%
Inability to ambulate	0.4%	0.2%	0.4%	0.6%	0.0%
No comorbidities reported	69.6%	68.2%	71.5%	71.7%	68.3%

Table C.23

Patient Comorbidity: Transplant Patients*percent of patients, by race, May 1995-June 1999*

NATIVE AMERICAN /ALASKAN	1995	1996	1997	1998	1999
Total patients	7	9	5	10	.
NativeCongestive heart failure	0.0%	0.0%	0.0%	0.0%	.
Ischemic heart disease/CAD	0.0%	0.0%	0.0%	10.0%	.
Myocardial infarction	0.0%	0.0%	0.0%	10.0%	.
Cardiac arrest	0.0%	0.0%	0.0%	0.0%	.
Cardiac dysrhythmia	0.0%	0.0%	0.0%	0.0%	.
Pericarditis	0.0%	0.0%	0.0%	0.0%	.
Cerebrovascular disease/CVA/TIA	0.0%	0.0%	0.0%	0.0%	.
Peripheral vascular disease	0.0%	0.0%	0.0%	10.0%	.
History of hypertension	42.9%	66.7%	40.0%	50.0%	.
Diabetes prim./contrib.	0.0%	33.3%	0.0%	50.0%	.
Diabetes on insulin	0.0%	22.2%	0.0%	0.0%	.
Chronic obstructive pulm. dis.	14.3%	0.0%	0.0%	0.0%	.
Current smoker/tobacco use	0.0%	0.0%	0.0%	10.0%	.
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	0.0%	.
Alcohol dependence	0.0%	0.0%	0.0%	0.0%	.
Drug dependence	0.0%	0.0%	0.0%	0.0%	.
Inability to transfer	0.0%	0.0%	0.0%	0.0%	.
Inability to ambulate	0.0%	0.0%	0.0%	0.0%	.
No comorbidities reported	85.7%	66.7%	100.0%	50.0%	.
ASIAN					
Total patients	10	22	11	20	4
Congestive heart failure	0.0%	4.5%	9.1%	5.0%	0.0%
Ischemic heart disease/CAD	10.0%	0.0%	9.1%	0.0%	0.0%
Myocardial infarction	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac arrest	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	4.5%	0.0%	0.0%	0.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	0.0%	9.1%	0.0%	0.0%	0.0%
Peripheral vascular disease	10.0%	4.5%	0.0%	0.0%	0.0%
History of hypertension	60.0%	63.6%	72.7%	55.0%	50.0%
Diabetes prim./contrib.	0.0%	0.0%	9.1%	20.0%	25.0%
Diabetes on insulin	10.0%	4.5%	9.1%	15.0%	25.0%
Chronic obstructive pulm. dis.	0.0%	0.0%	0.0%	0.0%	0.0%
Current smoker/tobacco use	0.0%	0.0%	0.0%	0.0%	0.0%
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	0.0%	0.0%
Alcohol dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to ambulate	0.0%	0.0%	0.0%	0.0%	0.0%
No comorbidities reported	70.0%	86.4%	81.8%	75.0%	75.0%
BLACK					
Total patients	54	77	71	80	25
Congestive heart failure	1.9%	1.3%	0.0%	6.3%	0.0%
Ischemic heart disease/CAD	3.7%	1.3%	1.4%	0.0%	4.0%
Myocardial infarction	0.0%	0.0%	0.0%	0.0%	4.0%
Cardiac arrest	0.0%	1.3%	1.4%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	1.3%	1.4%	0.0%	0.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	1.9%	0.0%	2.8%	0.0%	4.0%
Peripheral vascular disease	5.6%	1.3%	0.0%	0.0%	0.0%
History of hypertension	57.4%	50.6%	60.6%	60.0%	64.0%
Diabetes prim./contrib.	20.4%	16.9%	22.5%	21.3%	36.0%
Diabetes on insulin	22.2%	16.9%	18.3%	18.8%	36.0%
Chronic obstructive pulm. dis.	0.0%	3.9%	2.8%	0.0%	0.0%
Current smoker/tobacco use	0.0%	3.9%	1.4%	3.8%	0.0%
Malignant neoplasm/cancer	0.0%	2.6%	0.0%	0.0%	0.0%
Alcohol dependence	0.0%	0.0%	2.8%	2.5%	0.0%
Drug dependence	0.0%	0.0%	1.4%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	0.0%	1.3%	0.0%
Inability to ambulate	0.0%	1.3%	0.0%	1.3%	0.0%
No comorbidities reported	70.4%	67.5%	70.4%	66.3%	52.0%

".":Zero patients in this cell.

Table C.23

WHITE	1995	1996	1997	1998	1999
Total patients	556	913	951	935	326
Congestive heart failure	0.9%	0.8%	1.7%	1.5%	1.2%
Ischemic heart disease/CAD	3.1%	3.4%	3.9%	3.9%	4.6%
Myocardial infarction	2.0%	1.5%	1.8%	2.0%	1.5%
Cardiac arrest	0.2%	0.3%	0.0%	0.2%	0.6%
Cardiac dysrhythmia	0.4%	1.5%	0.4%	1.3%	0.9%
Pericarditis	0.2%	0.4%	0.4%	0.1%	0.0%
Cerebrovascular disease/CVA/TIA	1.4%	1.1%	1.2%	1.7%	1.2%
Peripheral vascular disease	2.5%	3.0%	1.4%	3.0%	2.8%
History of hypertension	56.1%	62.7%	60.8%	67.0%	65.6%
Diabetes prim./contrib.	22.8%	23.5%	22.3%	20.0%	24.5%
Diabetes on insulin	20.5%	21.4%	18.7%	18.3%	19.9%
Chronic obstructive pulm. dis.	0.5%	0.5%	0.8%	0.6%	0.9%
Current smoker/tobacco use	4.7%	4.2%	1.8%	2.4%	1.8%
Malignant neoplasm/cancer	0.5%	0.4%	0.8%	1.2%	1.2%
Alcohol dependence	0.4%	0.8%	0.3%	0.7%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.1%	0.0%
Inability to transfer	0.4%	0.1%	0.1%	0.1%	0.0%
Inability to ambulate	0.4%	0.4%	0.5%	0.4%	0.3%
No comorbidities reported	67.3%	64.6%	68.8%	69.8%	65.3%
OTHER/MULTIRACIAL					
Total patients	19	20	22	29	14
Congestive heart failure	0.0%	0.0%	0.0%	0.0%	0.0%
Ischemic heart disease/CAD	10.5%	0.0%	0.0%	10.3%	0.0%
Myocardial infarction	5.3%	0.0%	0.0%	6.9%	0.0%
Cardiac arrest	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	0.0%	0.0%	0.0%	0.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	0.0%	0.0%	0.0%	0.0%	0.0%
Peripheral vascular disease	5.3%	0.0%	0.0%	0.0%	0.0%
History of hypertension	68.4%	55.0%	40.9%	65.5%	57.1%
Diabetes prim./contrib.	15.8%	15.0%	9.1%	17.2%	7.1%
Diabetes on insulin	15.8%	5.0%	9.1%	17.2%	7.1%
Chronic obstructive pulm. dis.	0.0%	0.0%	0.0%	0.0%	0.0%
Current smoker/tobacco use	0.0%	0.0%	0.0%	0.0%	0.0%
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	0.0%	0.0%
Alcohol dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Drug dependence	0.0%	5.0%	0.0%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	4.5%	0.0%	0.0%
Inability to ambulate	0.0%	0.0%	4.5%	0.0%	0.0%
No comorbidities reported	78.9%	85.0%	90.9%	75.9%	92.9%

Table C.24

Patient Comorbidity: Transplant Patients*percent of patients, by Hispanic ethnicity, May 1995-June 1999*

HISPANIC - MEXICAN	1995	1996	1997	1998	1999
Total patients	17	25	27	35	10
Congestive heart failure	0.0%	4.0%	3.7%	2.9%	0.0%
Ischemic heart disease/CAD	5.9%	0.0%	0.0%	2.9%	20.0%
Myocardial infarction	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac arrest	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	0.0%	0.0%	0.0%	0.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	5.9%	0.0%	0.0%	0.0%	10.0%
Peripheral vascular disease	0.0%	0.0%	0.0%	2.9%	0.0%
History of hypertension	64.7%	44.0%	66.7%	68.6%	50.0%
Diabetes prim./contrib.	17.6%	8.0%	11.1%	22.9%	20.0%
Diabetes on insulin	17.6%	12.0%	11.1%	20.0%	10.0%
Chronic obstructive pulm. dis.	0.0%	4.0%	0.0%	0.0%	0.0%
Current smoker/tobacco use	5.9%	4.0%	0.0%	2.9%	0.0%
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	0.0%	0.0%
Alcohol dependence	0.0%	8.0%	0.0%	2.9%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to ambulate	0.0%	0.0%	3.7%	2.9%	0.0%
No comorbidities reported	76.5%	72.0%	77.8%	68.6%	70.0%
HISPANIC - OTHER					
Total patients	13	37	29	29	5
Congestive heart failure	0.0%	0.0%	3.4%	0.0%	0.0%
Ischemic heart disease/CAD	7.7%	5.4%	3.4%	3.4%	0.0%
Myocardial infarction	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac arrest	0.0%	0.0%	0.0%	0.0%	0.0%
Cardiac dysrhythmia	0.0%	0.0%	0.0%	0.0%	0.0%
Pericarditis	0.0%	0.0%	0.0%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	7.7%	2.7%	0.0%	0.0%	0.0%
Peripheral vascular disease	7.7%	0.0%	0.0%	3.4%	0.0%
History of hypertension	53.8%	56.8%	48.3%	58.6%	40.0%
Diabetes prim./contrib.	15.4%	18.9%	10.3%	3.4%	0.0%
Diabetes on insulin	15.4%	16.2%	13.8%	6.9%	0.0%
Chronic obstructive pulm. dis.	0.0%	0.0%	0.0%	0.0%	0.0%
Current smoker/tobacco use	0.0%	0.0%	0.0%	0.0%	0.0%
Malignant neoplasm/cancer	0.0%	0.0%	0.0%	3.4%	0.0%
Alcohol dependence	0.0%	0.0%	0.0%	3.4%	0.0%
Drug dependence	0.0%	0.0%	0.0%	0.0%	0.0%
Inability to transfer	0.0%	0.0%	3.4%	0.0%	0.0%
Inability to ambulate	0.0%	0.0%	3.4%	0.0%	0.0%
No comorbidities reported	76.9%	78.4%	75.9%	86.2%	100.0%
NON-HISPANIC	1995	1996	1997	1998	1999
Total patients	611	973	1008	1013	353
Congestive heart failure	1.0%	0.8%	1.5%	1.9%	1.1%
Ischemic heart disease/CAD	2.9%	3.1%	3.8%	3.7%	4.0%
Myocardial infarction	2.0%	1.4%	1.7%	2.1%	1.7%
Cardiac arrest	0.2%	0.4%	0.1%	0.2%	0.6%
Cardiac dysrhythmia	0.3%	1.6%	0.5%	1.2%	0.8%
Pericarditis	0.2%	0.4%	0.4%	0.1%	0.0%
Cerebrovascular disease/CVA/TIA	1.1%	1.1%	1.3%	1.6%	1.1%
Peripheral vascular disease	2.9%	3.0%	1.3%	2.7%	2.5%
History of hypertension	56.3%	62.1%	60.4%	66.0%	65.7%
Diabetes prim./contrib.	21.8%	22.8%	22.3%	20.5%	25.2%
Diabetes on insulin	20.3%	20.6%	18.6%	18.3%	21.2%
Chronic obstructive pulm. dis.	0.7%	0.7%	1.0%	0.5%	0.8%
Current smoker/tobacco use	3.9%	4.1%	1.8%	2.5%	1.7%
Malignant neoplasm/cancer	0.5%	0.6%	0.8%	1.0%	1.1%
Alcohol dependence	0.3%	0.5%	0.5%	0.7%	0.0%
Drug dependence	0.0%	0.1%	0.1%	0.1%	0.0%
Inability to transfer	0.3%	0.1%	0.1%	0.2%	0.0%
Inability to ambulate	0.3%	0.5%	0.4%	0.4%	0.3%
No comorbidities reported	67.9%	65.2%	69.3%	69.5%	64.9%

Table C.25

Patient Comorbidity: Transplant Patients*percent of patients, by diabetic status, May 1995-June 1999*

NON-DIABETIC	1995	1996	1997	1998	1999
Total patients	479	746	784	824	261
Congestive heart failure	0.6%	0.5%	1.5%	1.6%	1.1%
Ischemic heart disease/CAD	1.7%	1.7%	1.5%	2.4%	2.7%
Myocardial infarction	0.6%	0.7%	0.6%	1.0%	1.1%
Cardiac arrest	0.0%	0.1%	0.1%	0.2%	0.0%
Cardiac dysrhythmia	0.4%	1.5%	0.4%	1.0%	0.4%
Pericarditis	0.0%	0.3%	0.3%	0.0%	0.0%
Cerebrovascular disease/CVA/TIA	1.0%	0.8%	0.8%	0.8%	1.1%
Peripheral vascular disease	1.7%	1.2%	0.6%	0.8%	0.8%
History of hypertension	54.1%	58.3%	57.9%	63.3%	68.2%
Diabetes prim./contrib.	2.5%	2.5%	3.1%	2.5%	1.5%
Diabetes on insulin	2.1%	1.6%	1.8%	1.9%	0.8%
Chronic obstructive pulm. dis.	0.6%	0.8%	1.0%	0.7%	1.1%
Current smoker/tobacco use	2.9%	4.0%	1.4%	2.4%	1.5%
Malignant neoplasm/cancer	0.2%	0.8%	0.9%	1.1%	1.5%
Alcohol dependence	0.2%	0.9%	0.5%	1.0%	0.0%
Drug dependence	0.0%	0.1%	0.0%	0.1%	0.0%
Inability to transfer	0.2%	0.1%	0.3%	0.2%	0.0%
Inability to ambulate	0.2%	0.7%	0.8%	0.6%	0.0%
No comorbidities reported	89.1%	87.0%	89.3%	88.6%	88.5%
DIABETIC					
Total patients	170	298	289	264	108
Congestive heart failure	1.8%	1.7%	1.7%	2.7%	0.9%
Ischemic heart disease/CAD	8.2%	6.4%	9.3%	7.6%	8.3%
Myocardial infarction	5.3%	3.0%	4.2%	5.3%	2.8%
Cardiac arrest	0.6%	1.0%	0.0%	0.0%	1.9%
Cardiac dysrhythmia	0.0%	1.7%	0.7%	1.5%	1.9%
Pericarditis	0.6%	0.7%	0.7%	0.4%	0.0%
Cerebrovascular disease/CVA/TIA	2.4%	2.0%	2.4%	3.4%	1.9%
Peripheral vascular disease	6.5%	6.7%	2.8%	8.3%	6.5%
History of hypertension	63.5%	70.1%	65.7%	72.0%	57.4%
Diabetes prim./contrib.	76.5%	72.5%	71.6%	74.6%	80.6%
Diabetes on insulin	71.2%	67.1%	62.3%	67.4%	68.5%
Chronic obstructive pulm. dis.	0.6%	0.7%	0.7%	0.0%	0.0%
Current smoker/tobacco use	7.1%	3.7%	2.4%	2.3%	1.9%
Malignant neoplasm/cancer	1.2%	0.0%	0.3%	0.8%	0.0%
Alcohol dependence	0.6%	0.0%	0.3%	0.4%	0.0%
Drug dependence	0.0%	0.0%	0.3%	0.0%	0.0%
Inability to transfer	0.6%	0.0%	0.0%	0.0%	0.0%
Inability to ambulate	0.6%	0.0%	0.0%	0.0%	0.9%
No comorbidities reported	8.8%	12.4%	17.6%	12.1%	10.2%

Table C.26

Patient Distribution: by Primary Diagnosis*percent of patients, May 1995-June 1999*

	1995	1996	1997	1998	1999
Total patients	43,286	68,869	74,465	79,135	35,859
Diabetes	42.5%	43.8%	44.5%	44.8%	45.3%
Hypertension	22.7%	22.8%	23.2%	23.2%	23.5%
Glomerulonephritis	14.1%	13.3%	12.4%	12.1%	12.0%
Cystic Kidney	3.2%	3.0%	2.8%	2.9%	2.7%
Other Urologic	5.1%	5.1%	5.3%	5.0%	5.2%
Other Cause	8.6%	7.9%	7.9%	8.0%	7.5%
Unknown Cause	3.9%	4.0%	3.9%	4.0%	3.8%
Missing Cause	0.0%	0.0%	0.0%	0.0%	0.0%

Table C.27

Lab Values & Physical Characteristics: All Patients

May 1995-June 1999

	1995		1996		1997		1998		1999	
	# of forms w/value	Mean values	# of forms w/value	Mean values	# of forms w/value	Mean values	# of forms w/value	Mean values	# of forms w/value	Mean values
Serum albumin (g/dl)	35,686	3.2	56,423	3.2	59,862	3.2	60,030	3.2	26,301	3.1
BUN (mg/dl)	39,752	93.8	64,288	93.8	69,788	92.0	74,139	90.0	33,394	89.3
Serum creatinine (mg/dl)	42,921	8.7	68,300	8.4	73,759	8.0	78,228	7.8	35,386	7.6
Hematocrit (%)	40,723	28.0	65,138	28.2	70,353	28.6	74,670	28.9	33,656	29.1
Hemoglobin (g/dl)	37,217	9.4	59,935	9.4	65,434	9.5	69,806	9.6	31,669	9.7
Height (cm)	42,773	167.6	67,986	167.7	73,609	167.6	78,217	167.4	35,423	167.4
Weight (kg)	41,833	71.1	66,591	71.5	71,898	71.9	76,305	72.6	34,403	73.2
Body mass index (kg/m ²)	41,505	25.4	66,010	25.5	71,321	25.6	75,672	26.0	34,104	26.2
GFR (ml/min) by MDRD formula	33,307	7.2	53,413	7.3	56,761	7.7	56,960	8.0	24,987	8.1
Total number of forms	43,286		68,869		74,465		79,135		35,859	

Table C.28

Lab Values & Physical Characteristics: by Demographic Characteristics

May 1995-June 1999

	Patients	Serum albumin (g/dl)	BUN (mg/dl)	Creat. (mg/dl)	HCT %	HGB (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m ²)	GFR (ml/min) by MDRD formula
Male	159,206	3.2	96.0	8.7	28.8	9.6	173.8	75.7	25.1	8.0
Female	142,408	3.2	87.2	7.4	28.3	9.4	160.5	67.9	26.4	7.2
Native Amer. / Alas. Native	4,359	3.0	87.6	8.2	27.6	9.2	165.9	72.9	26.5	6.9
Asian	7,003	3.2	94.3	8.6	28.2	9.4	160.0	59.2	23.0	6.8
Black	86,398	3.1	90.1	9.3	27.5	9.1	168.2	74.1	26.3	7.4
White	188,969	3.2	92.6	7.5	29.2	9.7	167.9	71.9	25.6	7.8
Unknown	1,777	3.2	93.6	8.5	28.0	9.4	163.7	67.2	25.1	7.0
Pacific Islander	2,469	3.1	97.1	9.2	28.4	9.5	161.7	65.6	25.0	6.2
Mid East / Arabian	874	3.4	94.2	8.4	28.9	9.6	164.7	68.8	25.5	7.6
Indian Subcontinent	1,380	3.2	87.8	8.1	28.1	9.4	162.1	64.4	24.5	7.6
Other / Multiracial	8,385	3.2	91.9	8.7	27.9	9.3	162.9	68.0	25.6	7.0
Ethnicity Missing	7	3.1	90.0	7.5	31.0	10.3	164.3	66.7	24.9	6.6
Hispanic - Mexican	20,487	3.1	89.4	8.0	28.0	9.4	162.5	69.0	26.2	7.5
Hispanic - Other	13,466	3.2	91.2	8.5	28.1	9.4	163.2	67.7	25.4	7.1
Non - Hispanic	266,382	3.2	92.0	8.1	28.6	9.5	168.1	72.5	25.7	7.7
Unknown	1,272	3.3	96.4	8.2	28.9	9.7	167.2	70.8	25.3	7.4
Missing	566	3.1	79.7	6.2	29.7	10.0	163.4	62.3	23.0	.
0-19	3,982	3.4	92.6	9.9	26.9	9.1	158.0	61.5	23.0	9.9
20-44	42,810	3.2	91.7	10.5	27.5	9.2	169.4	72.9	25.5	6.8
45-64	100,923	3.2	91.6	8.4	28.3	9.4	168.5	76.7	27.1	7.4
65-74	84,956	3.2	91.7	7.4	28.9	9.6	167.2	71.6	25.7	7.8
75 +	68,377	3.2	92.5	6.9	29.3	9.7	165.8	65.8	24.0	8.2
Non-Diabetic	168,235	3.3	93.8	8.8	28.5	9.5	168.0	69.7	24.7	7.3
Diabetic	133,379	3.1	89.4	7.2	28.7	9.5	166.9	75.0	27.0	8.1
1995	43,286	3.2	93.8	8.7	28.0	9.4	167.6	71.1	25.4	7.2
1996	68,869	3.2	93.8	8.4	28.2	9.4	167.7	71.5	25.5	7.3
1997	74,465	3.2	92.0	8.0	28.6	9.5	167.6	71.9	25.6	7.7
1998	79,135	3.2	90.0	7.8	28.9	9.6	167.4	72.6	26.0	8.0
1999	35,859	3.1	89.3	7.6	29.1	9.7	167.4	73.2	26.2	8.1

."Zero patients in this cell.

Table C.29

Lab Values & Physical Characteristics

grouped by year & age group, May 1995-June 1999

	Patients	Serum albumin (g/dl)	BUN (mg/dl)	Creat. (mg/dl)	HCT %	HGB (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m ²)	GFR (ml/min) by MDRD formula
1995										
Missing	68	3.0	76.6	6.9	30.1	10.0	163.8	66.7	24.1	.
0-19	655	3.5	95.9	10.3	26.8	9.1	158.9	60.3	22.2	9.8
20-44	7,247	3.2	93.8	11.1	26.9	9.1	169.7	72.1	25.1	6.4
45-64	14,882	3.2	93.7	8.9	27.8	9.3	168.5	75.4	26.7	6.9
65-74	11,902	3.3	93.2	7.8	28.4	9.5	167.0	70.3	25.2	7.4
75+	8,532	3.3	95.0	7.3	28.8	9.6	165.4	64.5	23.6	7.6
1996										
Missing	119	3.1	76.7	6.2	29.9	10.2	162.2	62.6	23.3	.
0-19	1,000	3.4	93.9	10.1	26.4	9.0	158.4	61.0	22.7	10.0
20-44	10,404	3.2	93.1	10.7	27.1	9.1	169.5	72.5	25.3	6.6
45-64	22,981	3.2	93.7	8.7	28.0	9.4	168.6	76.0	26.9	7.1
65-74	19,682	3.2	94.0	7.7	28.6	9.6	167.3	71.0	25.4	7.5
75+	14,683	3.2	94.5	7.2	28.9	9.7	166.0	65.2	23.7	7.8
1997										
Missing	144	3.1	77.3	5.9	28.8	9.7	162.9	59.8	22.6	.
0-19	952	3.4	90.7	9.9	27.2	9.2	157.3	61.3	23.2	9.9
20-44	10,084	3.2	91.5	10.4	27.6	9.2	169.5	72.8	25.4	6.9
45-64	24,328	3.2	91.9	8.4	28.4	9.4	168.6	76.7	27.1	7.4
65-74	21,629	3.2	91.6	7.4	29.0	9.6	167.3	71.5	25.6	7.9
75+	17,328	3.2	93.2	6.9	29.2	9.7	165.9	65.8	23.9	8.2
1998										
Missing	169	3.1	82.8	6.2	30.4	10.2	164.0	62.7	22.8	.
0-19	939	3.4	92.1	9.9	27.2	9.2	158.0	63.3	23.5	9.9
20-44	10,500	3.2	90.1	10.2	27.9	9.3	169.2	73.5	25.8	7.1
45-64	26,543	3.2	89.4	8.2	28.7	9.5	168.5	77.3	27.4	7.7
65-74	22,101	3.2	90.0	7.2	29.2	9.7	167.0	72.5	26.1	8.2
75+	18,883	3.2	90.5	6.6	29.5	9.8	165.8	66.4	24.2	8.5
1999										
Missing	66	3.0	85.1	6.2	29.4	9.9	163.8	62.5	23.3	.
0-19	436	3.28	89.73	9.18	27.25	9.18	157.34	60.57	23.08	9.93
20-44	4575	3.1	89.52	10.07	27.91	9.33	169.31	74.36	26.03	7.06
45-64	12189	3.1	89.34	8.05	28.87	9.59	168.48	77.9	27.59	7.72
65-74	9642	3.13	88.77	6.94	29.41	9.76	167.02	73.11	26.28	8.38
75+	8951	3.15	89.57	6.44	29.77	9.86	165.72	66.88	24.4	8.77

".": Zero patients in this cell.

Table C.30

Lab Values & Physical Characteristics: by Race

grouped by gender, age group, & diabetic status, May 1995-June 1999

NATIVE AMERICAN/ALASKAN NATIVE			Serum	BUN	Creat.	HCT	HGB	Height	Weight	Body mass	GFR (ml/min)		
Age Group	Diabetes	Patients	albumin (g/dl)	(mg/dl)	(mg/dl)	%	(g/dl)	(cm)	(kg)	index (kg/m ²)	by MDRD formula		
Male	0-19	No	26	3.4	76.1	9.6	26.3	8.9	162.3	65.5	22.5	9.6	
	20-44	No	194	3.3	103.1	12.5	26.8	9.0	175.2	79.0	25.9	5.6	
		Yes	167	2.8	87.7	9.2	27.2	9.2	173.9	80.7	26.8	7.1	
	45-64	No	254	3.1	97.4	10.6	26.9	9.0	174.3	79.2	26.2	6.2	
		Yes	744	2.9	89.4	8.8	28.0	9.3	173.9	81.6	27.1	7.2	
	65-74	No	145	3.2	94.0	9.2	27.7	9.2	173.2	72.0	23.9	7.0	
		Yes	271	3.0	91.7	7.7	28.2	9.4	171.9	74.3	25.1	7.9	
	75+	No	97	3.2	103.7	8.9	27.8	9.4	171.3	69.2	23.7	6.9	
		Yes	87	3.3	89.5	6.6	29.0	9.6	171.2	70.4	24.1	9.3	
	Female	0-19	No	25	3.0	83.0	9.1	25.5	8.7	155.5	54.4	21.5	8.9
		20-44	No	164	3.3	90.3	11.0	26.1	8.8	160.8	67.6	26.3	5.4
			Yes	145	2.6	75.5	7.8	27.0	9.0	162.2	78.0	29.7	6.7
		45-64	No	203	3.1	90.8	8.8	26.5	8.9	159.7	65.1	25.5	5.9
			Yes	929	2.8	81.6	7.2	27.8	9.3	160.4	72.8	28.3	6.7
65-74		No	149	3.2	86.0	7.2	27.6	9.3	159.3	63.7	25.1	6.8	
		Yes	482	2.9	83.0	6.6	27.9	9.2	158.5	66.8	26.7	7.2	
75+		No	104	3.1	85.8	6.6	27.8	9.1	157.4	56.3	22.7	7.1	
		Yes	174	3.0	81.4	6.0	28.7	9.5	158.0	62.8	25.1	7.7	
ASIAN													
Male		0-19	No	388	3.0	88.9	6.3	29.1	9.7	152.2	52.5	22.6	7.4
		20-44	Yes	43	3.2	98.4	11.0	26.6	9.0	159.3	61.6	22.1	10.3
			No	429	3.4	110.7	13.2	26.1	8.8	167.2	64.5	23.2	5.5
		45-64	Yes	85	3.1	92.8	9.8	29.1	9.6	170.7	75.6	25.9	7.1
	No		587	3.4	102.3	10.8	28.0	9.4	166.4	66.1	23.8	6.2	
	65-74	Yes	587	3.0	95.4	8.8	28.6	9.6	167.2	69.3	24.8	7.3	
		No	484	3.3	98.6	9.0	28.7	9.6	165.4	60.7	22.2	7.1	
	75+	Yes	456	3.1	94.8	7.9	29.1	9.8	165.0	63.5	23.4	7.9	
		No	522	3.2	95.9	7.9	29.0	9.7	163.2	57.4	21.5	7.6	
	Female	0-19	Yes	340	3.1	95.3	7.0	29.7	9.9	163.8	60.4	22.7	8.4
			No	59	3.1	98.7	8.7	25.0	8.2	152.7	48.5	20.3	7.4
		20-44	No	*	2.7	88.0	17.3	22.3	7.7	175.0	66.0	21.6	2.9
			Yes	432	3.3	95.1	10.2	26.0	8.6	156.9	53.4	21.7	5.4
		45-64	No	67	2.8	85.6	8.5	27.4	9.1	157.3	62.8	25.3	6.0
Yes			534	3.4	93.5	9.2	27.6	9.3	155.2	54.9	22.8	5.6	
65-74		No	525	3.0	87.5	7.4	28.1	9.4	155.5	59.7	24.7	6.7	
		Yes	411	3.4	87.6	7.8	28.5	9.4	154.0	53.1	22.4	6.3	
75+		No	591	3.0	86.6	6.9	28.5	9.5	153.9	54.9	23.2	6.9	
		Yes	449	3.2	90.0	6.9	28.8	9.5	151.7	49.6	21.4	7.0	
BLACK													
Male		0-19	No	583	3.4	95.9	12.3	26.7	9.0	164.7	66.5	23.2	9.9
		20-44	Yes	*	2.9	70.5	7.9	27.0	9.1	171.9	76.9	25.5	13.3
			No	7,866	3.1	101.6	13.6	27.0	9.1	176.1	77.2	25.0	6.2
	45-64	Yes	1,722	2.9	86.1	10.0	27.5	9.2	175.7	80.6	26.2	8.1	
		No	9,102	3.2	99.6	11.4	27.4	9.1	175.9	77.9	25.3	6.9	
	65-74	Yes	7,774	3.1	91.8	9.1	27.8	9.2	176.3	83.6	27.1	8.4	
		No	4,391	3.3	95.3	9.4	27.8	9.2	174.1	73.3	24.3	8.0	
	75+	Yes	3,955	3.2	92.9	8.2	28.3	9.3	174.3	79.6	26.3	9.0	
		No	3,392	3.2	94.2	8.4	28.3	9.3	172.7	68.4	23.0	8.8	
	Female	0-19	Yes	1,639	3.2	91.0	7.4	28.4	9.4	172.6	73.8	24.9	9.7
			No	497	3.2	90.3	10.9	25.2	8.4	157.1	65.8	25.6	8.0
		20-44	Yes	11	2.6	62.2	8.3	26.1	8.5	159.6	66.6	26.1	8.4
			No	5,655	3.1	87.1	11.2	25.9	8.6	163.6	70.3	26.4	5.9
		45-64	Yes	1,809	2.8	75.4	8.4	26.6	8.8	163.6	76.4	28.7	7.6
No			7,075	3.3	89.6	9.6	26.9	8.9	162.7	71.1	26.9	6.4	
65-74		Yes	10,402	3.1	82.0	7.8	27.6	9.1	162.9	78.6	29.7	7.4	
		No	5,129	3.2	86.8	8.2	27.6	9.1	161.7	66.4	25.5	7.1	
75+		Yes	7,169	3.1	83.1	7.3	28.0	9.2	161.9	72.9	27.9	7.7	
		No	4,730	3.2	86.5	7.5	27.8	9.2	160.0	60.5	23.7	7.6	
		Yes	3,328	3.1	83.5	6.8	28.1	9.3	160.6	66.9	26.0	8.1	

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

Table C.30 (continued)

WHITE			Serum	BUN	Creat.	HCT	HGB	Height	Weight	Body mass	GFR (ml/min)		
Age Group	Diabetes	Patients	albumin (g/dl)	(mg/dl)	(mg/dl)	%	(g/dl)	(cm)	(kg)	index (kg/m ²)	by MDRD formula		
Male	0-19	No	1,336	3.6	93.5	9.4	28.0	9.6	160.2	61.6	22.1	11.5	
		Yes	11	2.9	68.6	8.7	26.7	9.0	166.7	65.6	23.5	10.4	
	20-44	No	7,354	3.5	100.2	11.2	28.2	9.6	175.1	77.7	25.4	6.7	
		Yes	5,391	3.1	85.9	8.2	28.7	9.7	174.5	74.9	24.7	8.4	
	45-64	No	14,439	3.4	97.1	9.3	29.2	9.8	175.6	79.2	25.8	7.2	
		Yes	16,348	3.2	94.1	7.6	29.1	9.7	174.8	82.5	27.1	8.4	
	65-74	No	18,629	3.3	95.9	8.1	29.5	9.9	174.4	74.2	24.4	7.9	
		Yes	13,058	3.2	96.7	6.9	29.5	9.8	173.9	78.4	26.0	8.9	
	75+	No	21,396	3.3	96.8	7.3	29.7	9.9	172.8	69.6	23.4	8.4	
		Yes	6,915	3.2	97.5	6.3	29.7	9.9	172.6	73.5	24.7	9.5	
	Female	0-19	No	1,046	3.4	89.6	9.0	27.0	9.1	152.3	56.9	22.8	8.8
			Yes	12	3.2	67.8	6.5	25.9	8.5	159.3	53.0	20.8	10.4
		20-44	No	5,161	3.4	87.8	9.2	27.7	9.3	161.4	66.4	25.5	6.4
			Yes	3,794	3.0	80.4	7.1	28.4	9.5	161.7	65.9	25.2	7.7
45-64		No	10,325	3.4	89.0	8.0	28.8	9.6	161.6	68.1	26.1	6.5	
		Yes	14,986	3.0	87.5	6.5	28.8	9.5	161.1	75.6	29.2	7.6	
65-74		No	12,192	3.2	88.6	7.1	29.2	9.7	160.5	63.4	24.6	6.9	
		Yes	13,643	3.1	89.2	6.0	29.2	9.7	160.0	71.3	27.9	7.9	
75+		No	15,288	3.2	89.4	6.5	29.4	9.8	158.7	59.0	23.5	7.4	
		Yes	7,291	3.1	89.8	5.7	29.4	9.8	158.6	65.5	26.1	8.2	
PACIFIC ISLANDER													
Male		0-19	No	12	3.1	135.5	14.6	27.2	8.8	158.3	56.0	21.6	5.4
			20-44	No	111	3.3	111.7	14.0	28.3	9.7	169.6	69.2	24.0	5.4
		45-64	Yes	45	2.9	104.0	11.6	28.3	9.2	171.0	88.7	30.8	5.7
	No		171	3.3	106.5	11.5	28.5	9.5	168.2	71.1	25.0	5.7	
	65-74	Yes	322	2.9	103.9	10.0	28.4	9.5	169.6	77.9	27.1	6.0	
		No	131	3.3	100.9	9.5	28.2	9.5	164.8	62.4	22.9	6.6	
	75+	Yes	203	3.1	95.2	8.1	29.3	9.8	166.6	67.9	24.5	7.7	
		No	139	3.2	96.7	8.1	29.6	9.8	163.1	58.8	22.1	7.4	
	Female	0-19	Yes	71	3.2	97.8	6.9	30.2	9.9	164.8	61.5	22.7	8.7
			No	24	3.0	103.6	10.3	26.1	8.9	152.8	58.0	22.6	7.6
		20-44	No	122	3.3	103.1	12.4	25.5	8.6	158.0	61.8	24.8	4.4
			Yes	48	2.6	84.7	9.3	26.0	8.6	160.1	72.9	28.4	5.5
		45-64	No	152	3.4	102.5	10.4	27.3	9.1	156.3	60.1	24.6	5.0
			Yes	359	2.8	92.1	8.5	28.0	9.3	158.0	68.8	27.5	5.5
65-74		No	118	3.3	93.9	8.2	29.9	9.9	154.6	55.7	23.1	5.9	
		Yes	235	2.9	84.5	7.1	28.9	9.5	156.2	59.3	24.3	6.6	
75+		No	99	3.2	89.0	7.4	28.4	9.4	152.2	52.6	22.6	6.5	
		Yes	102	3.0	84.3	6.0	29.8	10.1	154.1	54.0	22.8	7.4	
INDIAN SUBCONTINENT													
Male		0-19	No	18	3.3	110.8	12.6	26.8	9.0	164.4	57.3	20.2	9.1
			20-44	No	111	3.4	93.4	11.5	27.5	9.2	171.5	67.7	23.0	6.8
		45-64	Yes	26	2.9	82.3	9.1	28.1	9.4	169.8	76.5	25.8	6.9
	No		125	3.4	93.7	10.3	28.5	9.5	168.6	66.6	23.5	6.9	
	65-74	Yes	200	3.0	88.3	8.4	28.3	9.5	167.4	69.7	24.8	7.5	
		No	75	3.4	93.5	7.9	28.8	9.6	167.4	65.9	23.5	7.9	
	75+	Yes	126	3.2	90.0	6.8	28.8	9.7	165.8	65.1	23.7	9.3	
		No	61	3.1	86.7	6.8	29.4	9.8	165.3	59.3	21.9	9.0	
	Female	0-19	Yes	39	3.2	80.7	6.1	28.6	9.5	165.2	61.3	22.4	10.4
			No	11	3.1	75.6	7.1	26.9	9.1	149.5	52.0	20.7	8.9
		20-44	No	71	3.3	94.8	9.9	25.6	8.4	158.0	61.1	24.4	6.0
			Yes	19	2.8	86.5	9.3	27.3	9.2	158.3	68.1	26.7	5.5
		45-64	No	85	3.2	88.4	8.0	27.6	9.2	155.5	61.4	25.4	6.5
			Yes	153	2.9	81.2	6.7	27.2	9.1	154.9	64.0	26.8	7.3
65-74		No	58	3.3	85.5	7.3	28.0	9.3	154.0	59.5	25.1	6.4	
		Yes	124	3.1	77.9	6.0	29.0	9.7	154.4	62.6	26.4	8.0	
75+		No	35	3.0	88.1	7.3	28.5	9.4	152.2	55.3	23.8	6.6	
		Yes	40	3.0	83.8	5.5	29.1	9.8	153.4	58.0	24.6	8.6	

Table C.30 (continued)

MID-EAST/ARABIAN			Serum	BUN	Creat.	HCT	HGB	Height	Weight	Body mass	GFR (ml/min)		
Age Group	Diabetes	Patients	albumin (g/dl)	(mg/dl)	(mg/dl)	%	(g/dl)	(cm)	(kg)	index (kg/m ²)	by MDRD formula		
Male	0-19	No	22	3.6	98.3	10.6	26.6	9.1	155.9	59.3	24.1	14.0	
	20-44	No	93	3.7	99.9	11.9	28.0	9.3	171.4	72.6	24.5	6.7	
		Yes	12	3.1	86.0	7.8	30.1	10.3	174.4	80.3	26.3	8.3	
	45-64	No	103	3.6	104.5	9.9	29.0	9.8	171.2	72.4	25.0	6.7	
		Yes	91	3.3	92.5	7.4	29.1	9.7	168.0	72.9	26.0	8.6	
	65-74	No	74	3.3	89.2	9.0	29.1	9.5	169.4	70.0	24.5	7.5	
		Yes	70	3.2	92.8	7.3	29.3	9.7	169.2	74.5	26.6	8.6	
	75+	No	61	3.4	94.4	7.6	29.5	9.7	167.6	66.1	23.7	8.3	
		Yes	31	3.2	101.5	6.7	31.3	10.3	168.5	66.7	23.6	8.6	
	Female	0-19	No	14	3.4	87.0	8.9	25.6	8.4	150.1	59.4	22.2	12.0
		20-44	No	40	3.6	89.1	9.8	29.0	9.7	158.8	61.3	24.3	5.4
			Yes	*	3.5	124.0	5.9	27.6	8.9	154.3	50.7	21.3	9.4
		45-64	No	69	3.5	92.9	8.7	28.4	9.4	157.9	64.5	26.1	6.0
			Yes	43	3.0	88.5	6.9	28.0	9.3	155.7	66.7	27.5	7.0
65-74		No	43	3.2	96.9	7.2	28.7	9.5	156.9	65.4	26.7	6.7	
		Yes	50	3.2	87.4	6.1	28.9	9.5	155.6	65.9	27.3	7.4	
75+		No	37	3.2	88.6	6.4	30.4	10.0	155.7	64.7	26.9	7.2	
		Yes	17	3.1	91.4	5.5	28.0	9.1	155.6	62.9	26.1	8.6	
OTHER OR MULTIRACIAL													
Male		0-19	No	102	3.6	101.7	10.3	26.5	9.0	159.7	62.8	23.3	11.6
		20-44	No	582	3.3	104.9	13.3	26.6	9.0	169.7	72.1	25.1	5.3
			Yes	246	2.9	89.5	9.5	27.2	9.1	169.7	74.8	25.9	7.3
		45-64	No	706	3.3	100.8	10.9	27.6	9.3	168.4	72.0	25.4	6.1
	Yes		1331	3.1	92.1	8.4	28.2	9.5	168.4	74.4	26.3	7.5	
	65-74	No	392	3.4	99.0	9.4	28.5	9.6	166.8	68.1	24.6	6.7	
		Yes	644	3.2	91.9	7.6	28.8	9.6	168.1	70.9	25.2	8.1	
	75+	No	341	3.3	94.0	8.2	29.1	9.7	165.6	63.5	23.2	7.8	
		Yes	240	3.19	91	7.16	29.18	9.73	166.46	67.41	24.44	8.43	
	Female	0-19	No	87	3.2	96.3	9.3	24.6	8.2	149.7	59.4	23.7	8.5
		20-44	Yes	*	4.5	69.0	16.5	34.0	11.7	152.0	44.0	19.0	3.7
			No	403	3.4	96.3	10.8	25.9	8.6	157.6	61.9	24.9	5.2
		45-64	Yes	171	2.9	81.7	7.7	27.3	9.1	159.0	64.6	25.7	6.8
			No	451	3.4	95.0	9.3	27.1	9.1	157.7	62.9	25.4	5.6
65-74		Yes	1,095	2.9	83.4	7.1	27.7	9.2	157.2	68.6	27.9	6.8	
		No	261	3.2	89.7	8.4	28.1	9.3	155.6	58.4	24.2	6.0	
75+		Yes	731	3.1	83.6	6.7	28.3	9.4	156.6	64.4	26.3	7.2	
		No	280	3.2	87.7	6.9	28.7	9.5	154.1	56.2	23.7	7.0	
Yes		296	3.1	85.2	6.3	29.0	9.6	155.8	60.4	25.0	7.6		
UNKNOWN													
Male		0-19	No	22	3.6	92.2	7.8	27.0	9.2	158.3	55.1	20.9	13.5
		20-44	No	104	3.2	107.9	13.5	26.8	9.1	168.7	71.4	25.0	5.6
			Yes	34	2.9	85.5	9.6	27.0	9.1	169.2	67.4	23.7	7.5
	45-64	No	155	3.2	102.1	10.6	28.1	9.5	170.0	72.8	25.4	6.0	
		Yes	192	3.0	98.4	8.9	28.2	9.4	169.8	75.2	26.2	6.9	
	65-74	No	128	3.3	100.6	8.6	29.2	9.7	170.5	69.8	24.1	7.4	
		Yes	123	3.1	97.0	7.4	28.3	9.4	169.2	71.1	24.8	8.4	
	75+	No	114	3.2	96.6	7.5	28.6	9.5	168.8	66.2	23.4	8.3	
		Yes	53	3.2	100.4	7.1	29.6	9.8	168.5	65.3	23.0	8.3	
	Female	0-19	No	11	3.2	90.2	9.0	26.7	8.7	150.9	62.3	25.7	9.4
		20-44	No	96	3.2	94.6	10.7	25.3	8.5	160.1	63.3	24.8	5.5
			Yes	38	2.7	81.3	7.7	26.8	9.0	161.0	68.9	26.5	6.8
		45-64	No	137	3.3	86.4	8.6	27.5	9.1	159.5	64.1	25.3	5.6
			Yes	169	3.0	83.6	7.0	27.5	9.2	158.3	68.6	27.4	7.3
65-74		No	72	3.4	86.7	7.6	28.6	9.5	157.4	59.9	23.9	6.5	
		Yes	143	3.1	83.6	7.0	28.8	9.6	157.1	65.1	26.3	7.2	
75+		No	104	3.2	93.5	6.8	28.7	9.5	154.4	56.9	23.9	6.9	
		Yes	77	3.1	88.3	6.2	29.0	9.6	154.1	55.9	23.6	7.3	

Table C.31

Lab Values & Physical Characteristics: by Hispanic Ethnicity

grouped by gender, age group, & diabetic status, May 1995-June 1999

HISPANIC - MEXICAN				Serum	BUN	Creat.	HCT	HGB	Height	Weight	Body mass	GFR (ml/min)	
	Age Group	Diabetes	Patients	albumin (g/dl)	(mg/dl)	(mg/dl)	%	(g/dl)	(cm)	(kg)	index (kg/m ²)	by MDRD formula	
Male	0-19	No	243	3.4	103.3	11.0	26.0	8.8	159.1	60.0	22.1	9.8	
		Yes	*	4.1	111.0	11.8	25.2	8.5	166.5	65.5	23.4	5.2	
	20-44	No	1,153	3.4	105.6	13.2	26.7	9.1	169.5	72.8	25.4	5.9	
		Yes	612	2.8	87.9	9.1	27.5	9.3	170.6	77.7	26.7	7.6	
	45-64	No	1,120	3.3	96.7	10.2	27.9	9.4	169.7	74.9	26.1	6.7	
		Yes	3,165	3.0	90.1	8.3	28.1	9.4	169.6	76.4	26.6	7.8	
	65-74	No	852	3.3	94.1	8.6	28.5	9.6	169.2	69.2	24.2	7.6	
		Yes	1,731	3.1	91.4	7.4	28.5	9.6	168.3	71.9	25.4	8.6	
	75+	No	618	3.2	93.1	7.6	28.9	9.6	166.7	64.5	23.3	8.1	
		Yes	646	3.2	92.4	6.5	29.0	9.7	166.3	66.3	24.1	9.3	
	Female	0-19	No	212	3.2	91.3	9.6	24.9	8.4	150.6	54.9	22.7	8.3
			Yes	*	2.8	67.5	11.2	25.2	8.3	169.0	65.0	22.8	7.0
		20-44	No	902	3.3	95.3	10.5	25.8	8.6	157.6	64.0	25.8	5.7
			Yes	500	2.8	79.3	7.6	27.0	9.1	158.3	69.4	27.8	7.0
45-64		No	829	3.3	90.5	8.7	27.2	9.1	157.5	65.8	26.6	6.2	
		Yes	3,303	2.9	83.1	6.8	28.0	9.3	157.0	69.5	28.3	7.3	
65-74		No	654	3.2	88.2	7.4	28.4	9.4	155.5	61.2	25.3	6.8	
		Yes	2,357	3.0	83.5	6.3	28.5	9.5	156.0	64.8	26.7	7.6	
75+		No	633	3.1	85.8	6.4	28.8	9.5	153.6	55.4	23.5	7.6	
		Yes	899	3.0	83.2	5.7	28.7	9.6	154.1	59.8	25.3	8.4	
HISPANIC - OTHER													
Male		0-19	No	154	3.5	104.4	10.4	26.9	9.1	160.6	65.0	23.3	10.7
			Yes	*	2.5	57.3	10.3	23.9	8.2	169.3	65.0	22.6	8.0
		20-44	No	886	3.3	102.6	12.7	26.8	9.0	169.8	71.6	24.9	5.7
	Yes		391	3.0	87.8	9.0	28.0	9.3	169.2	74.1	25.8	7.6	
	45-64	No	1,131	3.3	100.4	10.6	28.0	9.4	168.9	72.2	25.3	6.4	
		Yes	1,960	3.1	92.3	8.4	28.5	9.5	168.5	74.4	26.3	7.6	
	65-74	No	714	3.3	97.2	9.2	28.4	9.5	167.9	68.1	24.3	7.0	
		Yes	1,062	3.2	91.3	7.5	29.0	9.7	167.4	70.3	25.2	8.2	
	75+	No	662	3.3	92.6	8.0	28.9	9.6	166.6	63.8	23.0	8.0	
		Yes	392	3.3	92.3	7.1	29.2	9.7	166.7	67.6	24.4	8.7	
	Female	0-19	No	136	3.2	93.4	9.5	25.9	8.6	153.0	58.4	23.3	8.4
			Yes	*	4.5	69.0	16.5	34.0	11.7	152.0	44.0	19.0	3.7
		20-44	No	670	3.3	93.0	10.4	26.1	8.8	158.8	62.8	24.9	5.5
			Yes	280	2.9	81.6	7.8	26.6	8.8	159.1	65.4	25.8	6.6
45-64		No	784	3.4	91.4	9.2	27.5	9.2	158.0	62.9	25.3	5.9	
		Yes	1,607	3.0	83.7	7.0	28.0	9.3	157.6	68.4	27.6	7.1	
65-74		No	491	3.3	87.8	8.1	28.4	9.4	156.5	60.2	24.6	6.4	
		Yes	1,124	3.1	83.5	6.6	28.8	9.6	156.8	64.5	26.3	7.4	
75+		No	494	3.2	87.5	6.9	28.8	9.5	155.2	56.6	23.6	7.0	
		Yes	493	3.2	86.0	6.4	29.5	9.8	155.8	60.1	24.8	7.4	
NON-HISPANIC													
Male		0-19	No	1,754	3.5	92.8	10.2	27.8	9.5	161.9	63.3	22.4	11.3
			Yes	14	2.9	65.3	7.5	27.8	9.3	169.1	72.2	24.9	12.8
		20-44	No	14,736	3.3	101.0	12.4	27.6	9.3	175.9	77.4	25.1	6.4
	Yes		6,697	3.1	86.0	8.7	28.4	9.6	175.2	76.3	24.9	8.4	
	45-64	No	23,279	3.3	98.3	10.1	28.5	9.5	175.7	78.5	25.5	7.1	
		Yes	22,365	3.2	93.9	8.1	28.7	9.6	175.8	83.3	27.1	8.4	
	65-74	No	22,772	3.3	95.9	8.3	29.2	9.7	174.3	73.8	24.3	7.9	
		Yes	16,044	3.2	96.3	7.2	29.3	9.7	174.3	78.9	26.0	8.9	
	75+	No	24,732	3.3	96.6	7.5	29.5	9.8	172.7	69.3	23.3	8.4	
		Yes	8,334	3.2	96.4	6.6	29.5	9.8	172.7	73.4	24.7	9.5	
	Female	0-19	No	1,415	3.3	90.1	9.6	26.5	8.9	154.1	60.1	23.7	8.5
			Yes	22	2.8	66.1	7.4	25.8	8.5	159.3	59.3	23.3	9.2
		20-44	No	10,527	3.2	87.4	10.3	26.8	9.0	162.6	68.1	25.8	6.1
			Yes	5,292	3.0	78.8	7.5	27.9	9.3	162.6	69.4	26.3	7.7
45-64		No	17,340	3.3	89.5	8.6	28.0	9.3	162.0	69.0	26.3	6.4	
		Yes	23,646	3.0	85.5	7.1	28.3	9.3	162.3	77.2	29.4	7.5	
65-74		No	17,201	3.2	88.1	7.4	28.7	9.5	160.8	64.1	24.8	7.0	
		Yes	19,570	3.1	87.3	6.5	28.7	9.5	160.9	71.9	27.9	7.8	
75+		No	19,893	3.2	88.8	6.7	29.0	9.6	158.9	59.2	23.5	7.4	
		Yes	10,270	3.1	88.1	6.0	29.0	9.6	159.4	65.8	26.0	8.1	

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

Table C.31 (continued)

ETHNICITY UNKNOWN			Serum	BUN	Creat.	HCT	HGB	Height	Weight	Body mass	GFR (ml/min)	
Age Group	Diabetes	Patients	albumin (g/dl)	(mg/dl)	(mg/dl)	%	(g/dl)	(cm)	(kg)	index (kg/m ²)	by MDRD formula	
Male	0-19	No	13	3.6	98.5	11.1	26.3	9.0	160.5	58.3	20.8	9.1
	20-44	No	69	3.2	99.7	11.7	27.5	9.3	174.2	77.2	25.6	6.6
		Yes	28	3.4	83.7	9.0	29.0	9.8	175.0	78.1	25.7	8.0
	45-64	No	111	3.3	106.9	11.4	28.5	9.7	174.3	77.7	25.6	6.1
		Yes	98	3.2	102.2	8.4	28.6	9.4	175.3	80.4	26.4	7.5
	65-74	No	111	3.4	104.3	8.3	28.8	9.6	173.6	73.9	24.6	7.3
		Yes	67	3.2	99.8	7.5	30.0	10.0	173.2	77.6	25.8	8.8
	75+	No	111	3.3	101.8	7.5	30.5	10.2	172.2	69.4	23.5	8.2
		Yes	43	3.4	103.9	6.9	28.9	9.6	172.1	71.0	24.1	9.2
	Female	0-19	No	11	3.6	72.4	7.0	28.8	9.3	153.0	66.1	26.3	11.4
20-44		No	45	3.3	85.9	9.5	26.6	8.9	161.3	62.5	24.0	6.2
		Yes	22	2.9	83.0	6.9	27.8	9.3	161.6	63.4	24.4	8.5
45-64		No	78	3.4	91.5	8.6	28.7	9.5	161.3	65.6	25.2	6.4
		Yes	104	3.1	87.3	7.4	29.2	9.6	162.2	77.4	29.4	7.3
65-74		No	86	3.4	92.8	7.9	29.0	9.7	161.1	61.5	23.5	6.7
		Yes	117	3.1	97.0	6.6	28.6	9.5	160.1	68.7	27.0	7.5
75+		No	105	3.2	93.0	6.7	30.0	10.1	159.3	59.1	23.3	7.3
		Yes	50	3.0	85.1	5.6	29.3	9.6	158.7	64.6	25.8	8.6