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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	
1960-1972	173	.	173	.	.	173
1973	1,410	.	1,407	*	.	1,410
1974	3,443	.	3,440	*	.	3,443
1975	4,192	.	4,182	10	.	4,192
1976	4,827	.	4,821	*	.	4,827
1977	6,858	.	6,848	10	.	6,858
1978	7,027	.	7,011	15	*	7,027
1979	7,646	.	7,634	12	.	7,646
1980	9,731	.	9,717	14	.	9,731
1981	14,266	.	14,232	34	.	14,266
1982	20,187	.	20,112	74	*	20,187
1983	21,930	.	21,859	69	*	21,930
1984	24,542	.	24,400	140	*	24,542
1985	27,412	.	27,245	159	*	27,412
1986	30,284	.	30,071	211	*	30,284
1987	33,778	.	33,548	223	*	33,778
1988	36,218	.	35,996	215	*	36,218
1989	42,045	.	41,780	259	*	42,045
1990	47,903	.	47,573	321	*	47,903
1991	52,780	.	52,424	346	10	52,780
1992	58,710	.	58,306	391	13	58,710
1993	58,129	.	57,490	596	43	58,129
1994	71,034	.	67,972	2,696	366	71,034
1995	19,458	51,429	67,464	3,199	224	70,887
1996	36	78,839	75,737	2,962	176	78,875
1997	*	84,682	81,408	3,114	164	84,686
1998	285	89,779	86,549	3,284	231	90,064
1999	*	93,513	89,570	3,564	387	93,521
2000	*	96,740	92,601	3,841	301	96,743
2001 <sup>^</sup>	*	69,585	66,669	2,709	209	69,587
All	604,321	564,567	1,138,239	28,480	2,169	1,168,888

<sup>^</sup>Incomplete data

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

." Zero values in this cell.

Table C.2

**New ESRD Patients, with or without a Medical Evidence Form: by Data Source**

	Percent with no CMS-2728	Version of CMS 2728			Source of data of 1st ESRD service			Pt. ever been Medicare entitled?		Pts used in remaining C tables	All
		No form	Pre-1995	1995 Revision	CMS-2728	Medicare claims	§Tx record	No	Yes		
1960-1972	24.0	225	621	91	642	53	242	85	852		937
1973	6.6	238	3,318	30	3,297	155	134	28	3,558		3,586
1974	7.6	336	4,100	10	4,066	277	103	22	4,424		4,446
1975	5.3	286	5,085	19	5,046	219	125	12	5,378		5,390
1976	52.9	6,476	5,754	17	5,714	6,410	123	16	12,231		12,247
1977	63.6	15,088	8,512	122	6,139	17,268	315	26	23,696		23,722
1978	46.5	7,365	8,405	72	6,236	9,227	379	55	15,787		15,842
1979	46.9	8,333	9,314	106	6,728	10,628	397	44	17,709		17,753
1980	42.9	8,223	10,816	110	8,059	10,660	430	71	19,078		19,149
1981	25.0	5,342	15,922	109	13,571	7,388	414	77	21,296		21,373
1982	13.3	3,156	20,497	79	19,292	3,900	540	149	23,583		23,732
1983	16.0	4,310	22,631	76	20,258	6,222	537	176	26,841		27,017
1984	9.2	2,549	25,173	84	20,825	6,381	600	204	27,602		27,806
1985	8.1	2,494	28,053	103	21,400	8,538	712	217	30,433		30,650
1986	8.3	2,778	30,361	153	21,118	11,265	909	292	33,000		33,292
1987	7.8	2,829	33,387	196	22,952	12,304	1,156	441	35,971		36,412
1988	9.8	3,991	36,426	244	24,717	14,354	1,590	944	39,717		40,661
1989	7.7	3,504	41,868	279	28,061	16,027	1,563	755	44,896		45,651
1990	7.8	3,857	45,341	313	32,303	15,511	1,697	884	48,627		49,511
1991	6.4	3,507	51,083	354	31,093	22,134	1,717	1,113	53,831		54,944
1992	7.1	4,295	55,991	508	34,551	24,570	1,673	1,823	58,971		60,794
1993	13.2	8,398	54,482	704	33,547	28,172	1,865	2,852	60,732		63,584
1994	13.3	10,172	64,899	1,295	40,750	33,930	1,686	7,613	68,753	344	76,366
1995	7.4	5,487	14,017	55,145	45,925	27,204	1,520	5,474	69,175	54,220	74,649
1996	3.8	2,945	156	75,517	50,017	27,143	1,458	6,304	72,314	74,664	78,618
1997	2.9	2,378	48	80,495	55,174	26,256	1,491	7,611	75,310	79,996	82,921
1998	2.7	2,383	297	85,272	60,384	26,007	1,561	8,384	79,568	85,001	87,952
1999	3.5	3,217	27	89,217	64,084	26,691	1,686	10,310	82,151	88,623	92,461
2000	5.3	5,175	31	92,500	74,451	21,359	1,896	13,446	84,260	92,261	97,706
2001^	5.5	3,398	*	57,992	42,711	17,174	1,510	11,790	49,605	57,992	61,395
All	10.5	132,735	596,620	541,212	803,111	437,427	30,029	81,218	1,189,349	533,101	1,270,567

§ represents CMS & UNOS transplant records.

^Incomplete data

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

." Zero values in this cell.

Table C.3

**New ESRD Patients, with or without a Medical Evidence Form: by Race***incident patients*

	White	Black	Nat. Am/ Alas. Native	Asian	Pacific Islander	Mid-East/ Arabian	Indian Sub- continent	Other/ Multiracial	Unknown	No CMS- 2728	All
1960-1972	515	141	*	*	*	.	* *	.	36	225	937
1973	403	121	*	*	*	.	.	.	2,807	238	3,586
1974	494	145	*	10	*	.	.	.	3,448	336	4,446
1975	563	187	*	*	*	.	*	*	4,326	286	5,390
1976	591	209	*	14	*	.	.	*	4,944	6,476	12,247
1977	1,353	442	18	27	15	.	.	*	6,773	15,088	23,722
1978	1,244	437	32	33	12	.	.	*	6,716	7,365	15,842
1979	1,566	561	32	34	23	.	.	*	7,199	8,333	17,753
1980	1,899	760	53	52	23	.	*	*	8,135	8,223	19,149
1981	5,472	2,256	119	129	25	.	*	*	8,028	5,342	21,373
1982	13,835	5,496	191	306	31	*	.	*	712	3,156	23,732
1983	15,124	6,385	265	318	167	*	*	*	439	4,310	27,017
1984	16,763	7,056	266	380	349	.	*	*	437	2,549	27,806
1985	18,674	7,808	276	504	334	*	.	*	557	2,494	30,650
1986	20,022	8,240	338	513	443	*	*	*	949	2,778	33,292
1987	21,678	9,136	358	567	541	*	.	*	1,294	2,829	36,412
1988	23,431	9,968	468	672	377	*	*	10	1,742	3,991	40,661
1989	27,075	11,879	542	829	*	*	*	*	1,805	3,504	45,651
1990	29,620	12,531	576	1,049	*	*	*	10	1,860	3,857	49,511
1991	33,150	14,372	665	1,126	*	*	*	14	2,099	3,507	54,944
1992	36,186	15,947	787	1,297	*	*	*	17	2,257	4,295	60,794
1993	34,474	15,545	664	1,373	*	10	*	24	3,083	8,398	63,584
1994	41,038	18,783	867	1,932	*	*	*	46	3,505	10,172	76,366
1995	42,242	20,464	1,114	1,733	497	180	159	1,742	1,031	5,487	74,649
1996	46,049	22,414	1,265	1,838	569	193	490	2,173	682	2,945	78,618
1997	50,215	23,434	912	1,794	586	204	538	2,322	538	2,378	82,921
1998	53,230	25,082	1,341	2,003	786	273	252	2,278	324	2,383	87,952
1999	56,576	25,500	1,056	2,107	735	293	255	2,309	413	3,217	92,461
2000	58,687	25,884	1,128	2,122	797	380	292	2,693	548	5,175	97,706
2001 <sup>^</sup>	36,916	16,510	686	1,389	546	195	200	1,376	179	3,398	61,395
All	689,085	307,693	14,057	24,176	6,917	1,754	2,210	15,074	76,866	132,735	1,270,567

Data from Medical Evidence Forms certified within 12 months of first ESRD service date, form filed May 1995-June 2001.

<sup>^</sup>Incomplete data

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

"." Zero values in this cell.

Table C.4

**Patient Counts***incident patients by demographic characteristics & primary diagnosis*

	1995	1996	1997	1998	1999	2000	2001 <sup>^</sup>	Total
0-4	52	96	108	82	85	92	44	559
5-9	93	136	126	126	145	140	55	821
10-14	160	245	264	249	275	279	123	1,595
15-19	363	552	503	505	566	538	211	3,238
20-24	636	990	936	984	928	952	425	5,851
25-29	1,025	1,621	1,649	1,680	1,618	1,663	718	9,974
30-34	1,572	2,391	2,356	2,397	2,384	2,394	971	14,465
35-39	2,044	3,253	3,259	3,276	3,365	3,243	1,393	19,833
40-44	2,612	4,200	4,174	4,474	4,465	4,589	1,921	26,435
45-49	3,145	5,197	5,328	5,738	5,928	6,038	2,686	34,060
50-54	3,498	5,680	6,262	6,824	7,403	7,643	3,507	40,817
55-59	4,159	6,702	7,278	7,912	8,368	8,720	3,786	46,925
60-64	5,167	8,286	8,767	9,333	9,459	9,851	4,391	55,254
65-69	5,996	9,913	10,585	10,854	10,897	11,302	4,889	64,436
70-74	6,041	10,283	11,019	11,435	11,681	12,130	5,367	67,956
75-79	4,685	8,102	9,136	9,948	10,861	11,380	4,757	58,869
80-84	2,749	4,778	5,612	6,019	6,597	7,294	3,070	36,119
85+	1,189	2,118	2,493	3,001	3,420	3,718	1,634	17,573
Unknown	68	121	141	164	178	295	109	1,076
0-19	668	1,029	1,001	962	1,071	1,049	433	6,213
20-44	7,889	12,455	12,374	12,811	12,760	12,841	5,428	76,558
45-64	15,969	25,865	27,635	29,807	31,158	32,252	14,370	177,056
65-74	12,037	20,196	21,604	22,289	22,578	23,432	10,256	132,392
75+	8,623	14,998	17,241	18,968	20,878	22,392	9,461	112,561
Unknown	68	121	141	164	178	295	109	1,076
Male	23,769	39,882	42,588	45,207	47,380	49,291	21,541	269,658
Female	21,485	34,782	37,408	39,794	41,243	42,965	18,512	236,189
Unknown	.	.	.	.	.	*	*	*
White	27,530	45,427	49,852	53,056	56,202	58,535	25,562	316,164
Black	13,391	22,200	23,312	24,998	25,350	25,812	11,347	146,410
Native American/Alaskan Native	788	1,260	909	1,157	1,050	1,127	457	6,748
Asian	1,098	1,817	1,782	1,920	2,078	2,110	951	11,756
Pacific Islander	409	565	584	782	720	792	363	4,215
Mid-East/Arabian	143	188	202	270	290	380	145	1,618
Indian Subcontinent	127	488	538	247	252	291	145	2,088
Other/multiracial	1,419	2,153	2,311	2,267	2,295	2,689	969	14,103
Unknown	349	566	506	304	386	525	118	2,754
Hispanic-Mexican	3,269	5,350	5,198	5,570	5,905	6,886	2,901	35,079
Hispanic-other	2,003	3,258	3,618	3,889	4,106	4,095	1,885	22,854
Non-Hispanic	39,698	65,751	70,930	75,235	78,250	80,949	35,191	446,004
Unknown	284	305	250	307	362	331	80	1,919
Diabetes	19,155	32,292	35,133	37,595	39,457	41,685	18,396	223,713
Hypertension	11,680	19,456	21,213	22,506	23,685	24,496	10,640	133,676
Glomerulonephritis	5,141	8,126	8,168	8,334	8,274	8,079	3,403	49,525
Cystic kidney	1,226	1,851	1,953	2,128	2,150	2,136	930	12,374
Other urologic	879	1,529	1,482	1,548	1,655	1,625	683	9,401
Other cause	5,472	8,454	8,912	9,479	9,938	10,419	4,395	57,069
Unknown cause	1,701	2,956	3,135	3,410	3,426	3,793	1,610	20,031
Missing	.	.	.	*	38	28	.	67
All	45,254	74,664	79,996	85,001	88,623	92,261	40,057	505,856

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

<sup>^</sup>Incomplete data

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

." Zero values in this cell.

Table C.5  
**Patient Counts, by ESRD Network**  
*incident patients by race & ethnicity*

	White	Black	Nat. Am/ Alas. Native	Asian	Pacific Islander	Mid-East/ Arabian	Indian Subcontinent	Other/ Multiracial	Unk.	All
1 CT, MA, ME, NH, RI, VT	15,956	2,600	44	252	23	45	37	329	351	19,637
2 NY	20,404	11,622	169	952	70	138	301	1,579	707	35,942
3 NJ, PR, VI	11,347	5,837	30	277	70	86	139	5,566	90	23,442
4 DE, PA	19,173	6,455	47	167	17	28	46	314	100	26,347
5 MD, DC, VA, WV	15,066	14,878	74	346	102	95	60	306	102	31,029
6 NC, SC, GA	16,687	22,432	780	562	31	28	57	301	33	40,911
7 FL	20,351	9,356	49	204	54	83	81	370	21	30,569
8 AL, MS, TN	13,016	13,523	93	88	19	18	17	61	23	26,858
9 IN, KY, OH	28,250	9,520	45	134	17	41	38	254	200	38,499
10 IL	13,978	7,720	35	335	79	65	102	339	101	22,754
11 MI, MN, ND, SD, WI	24,635	7,761	896	365	38	169	52	162	10	34,088
12 IA, KS, MO, NE	16,010	4,220	215	141	26	24	21	202	25	20,884
13 AR, LA, OK	11,260	9,501	874	112	20	11	23	201	10	22,012
14 TX	24,742	9,170	284	425	84	89	88	1,624	269	36,775
15 AZ, CO, NV, NM, UT, WY	16,328	1,583	2,188	312	172	47	33	630	100	21,393
16 AK, ID, MT, OR, WA	11,222	896	508	468	288	25	25	112	*	13,545
17 N. CA, HI, Guam, AS	12,878	3,489	231	3,594	2,376	152	157	884	185	23,946
18 S. CA	24,861	5,847	186	3,022	729	474	811	869	426	37,225
Unknown	.	.	.	.	.	.	.	.	.	.
All	316,164	146,410	6,748	11,756	4,215	1,618	2,088	14,103	2,754	505,856

  

	Hispanic Mexican	Hispanic Other	Non- Hispanic	Unk.	All
1 CT, MA, ME, NH, RI, VT	63	882	17,962	730	19,637
2 NY	177	3,872	31,411	482	35,942
3 NJ, PR, VI	105	7,233	15,948	156	23,442
4 DE, PA	49	433	25,855	10	26,347
5 MD, DC, VA, WV	89	382	30,520	38	31,029
6 NC, SC, GA	1,122	215	39,571	*	40,911
7 FL	266	3,105	27,178	20	30,569
8 AL, MS, TN	37	49	26,770	*	26,858
9 IN, KY, OH	313	184	37,919	83	38,499
10 IL	1,191	473	21,047	43	22,754
11 MI, MN, ND, SD, WI	559	274	33,254	*	34,088
12 IA, KS, MO, NE	498	88	20,244	54	20,884
13 AR, LA, OK	166	162	21,680	*	22,012
14 TX	12,227	1,175	23,361	12	36,775
15 AZ, CO, NV, NM, UT, WY	3,623	1,363	16,397	10	21,393
16 AK, ID, MT, OR, WA	577	134	12,834	.	13,545
17 N. CA, HI, Guam, AS	3,421	826	19,441	258	23,946
18 S. CA	10,596	2,004	24,612	13	37,225
Unknown	.	.	.	.	.
All	35,079	22,854	446,004	1,919	505,856

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

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

." Zero values in this cell.

Table C.6

**Percent Distribution of Patients: by Race & Hispanic Ethnicity***incident patients*

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
White	60.8	60.8	62.3	62.4	63.4	63.4	63.8
Black	29.6	29.7	29.1	29.4	28.6	28.0	28.3
Native American/Alaskan Native	1.7	1.7	1.1	1.4	1.2	1.2	1.1
Asian	2.4	2.4	2.2	2.3	2.3	2.3	2.4
Pacific Islander	0.9	0.8	0.7	0.9	0.8	0.9	0.9
Mid-East/Arabian	0.3	0.3	0.3	0.3	0.3	0.4	0.4
Indian Subcontinent	0.3	0.7	0.7	0.3	0.3	0.3	0.4
Other/multiracial	3.1	2.9	2.9	2.7	2.6	2.9	2.4
Unknown	0.8	0.8	0.6	0.4	0.4	0.6	0.3
Hispanic-Mexican	7.2	7.2	6.5	6.6	6.7	7.5	7.2
Hispanic-Other	4.4	4.4	4.5	4.6	4.6	4.4	4.7
Non-Hispanic	87.7	88.1	88.7	88.5	88.3	87.7	87.9
Unknown	0.6	0.4	0.3	0.4	0.4	0.4	0.2

Table C.7

**Percent Distribution of Diabetic Patients: by Race & Ethnicity***incident patients*

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
White	41.7	42.3	43.2	43.4	43.9	44.7	45.3
Black	40.9	42.2	42.7	43.5	42.9	43.4	45.2
Native American/Alaskan Native	62.3	62.7	73.9	73.5	75.0	73.9	74.0
Asian	39.5	43.6	43.2	42.6	45.2	43.8	43.3
Pacific Islander	57.2	53.1	55.7	57.8	58.3	60.4	60.3
Mid-East/Arabian	34.3	28.2	38.1	38.1	41.7	37.1	43.4
Indian Subcontinent	41.7	58.4	52.8	47.8	46.0	46.0	46.2
Other/multiracial	53.2	56.2	55.8	55.1	57.7	57.0	55.9
Unknown	49.0	44.3	48.8	43.1	47.9	54.1	45.8
Hispanic-Mexican	61.4	61.7	65.9	64.2	65.0	64.5	65.0
Hispanic-Other	49.9	52.3	53.2	54.3	56.2	55.4	56.7
Non-Hispanic	40.4	41.3	41.8	42.2	42.4	43.1	43.8
Unknown	40.8	43.9	42.0	44.0	43.4	37.2	48.8
All	42.3	43.2	43.9	44.2	44.5	45.2	45.9

Table C.8

**Patient Counts: by Employment Status***incident patients*

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
<b>Current employment status</b>							
Employed full-time	3,848	6,375	7,009	7,465	7,830	7,864	3,545
Employed part-time	902	1,409	1,475	1,601	1,593	1,537	692
Homemaker	3,016	4,738	4,855	4,820	4,805	4,897	2,092
Retired due to age/preferenc	15,065	26,377	29,932	32,356	34,291	35,442	15,527
Retired due to disability	7,813	13,209	14,327	15,742	16,234	16,834	7,360
Medical leave of absence	1,668	2,456	2,408	2,598	2,730	2,946	1,328
Student	595	920	903	908	961	922	394
Unemployed	10,134	15,892	16,196	16,398	17,027	17,423	7,559
Missing	2,213	3,288	2,891	3,113	3,152	4,396	1,560
<b>Previous employment status</b>							
Employed full-time	7,048	10,927	11,602	12,430	12,966	13,262	5,953
Employed part-time	1,235	1,889	1,885	2,113	2,081	1,992	894
Homemaker	3,027	4,736	4,837	4,831	4,787	4,924	2,118
Retired due to age/preferenc	13,837	24,555	28,103	30,677	32,365	33,545	14,768
Retired due to disability	6,355	11,176	12,289	13,590	14,140	14,719	6,472
Medical leave of absence	280	432	410	450	460	506	195
Student	564	897	911	889	944	924	380
Unemployed	7,821	12,525	12,816	12,875	13,721	13,922	6,095
Missing	5,087	7,527	7,143	7,146	7,159	8,467	3,182
All	45,254	74,664	79,996	85,001	88,623	92,261	40,057

The age of the incident patient is determined as of the date of ESRD initiation.

First service date May 1995 - June 2001

Data is based on Medical Evidence Forms certified within 12 months of first service.

<sup>^</sup>Incomplete data



Table C.9

**Patient Counts: by Insurance Payor***incident patients*

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
Medicaid coverage	11,037	17,755	18,830	20,065	20,329	22,011	9,326
Medicare coverage	23,219	39,507	43,406	45,573	47,600	49,956	21,737
DVA coverage	653	975	887	927	1,011	1,059	507
Employer group health insurance	11,271	17,950	19,143	19,873	20,458	21,011	9,464
Other medical insurance	12,920	23,254	25,480	27,247	28,114	29,679	13,183
No medical insurance	3,638	5,664	5,878	6,066	7,012	7,314	3,086
Patient applying for Medicare	38,073	63,010	67,028	70,042	72,214	73,303	31,638
All	45,254	74,664	79,996	85,001	88,623	92,261	40,057

Table C.10

**Percent Distribution of Patients: by Comorbidity***incident patients*

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
Congestive heart failure	30.9	32.4	33.5	32.5	31.7	32.1	32.3
Ischemic heart disease/CAD	21.4	22.6	24.0	23.8	23.8	24.5	24.9
Myocardial infarction	8.4	8.8	9.0	8.8	8.8	9.0	8.9
Cardiac arrest	1.0	1.1	0.9	0.8	0.8	0.8	0.7
Cardiac dysrhythmia	5.3	5.6	5.9	5.7	5.8	6.1	6.1
Pericarditis	1.5	1.2	1.1	0.9	0.8	0.7	0.6
Cerebrovascular disease/CVA/TIA	8.1	8.8	9.3	9.1	9.0	9.2	9.5
Peripheral vascular disease	13.9	14.3	14.9	14.7	14.4	14.3	14.1
History of hypertension	67.5	71.2	73.5	74.2	75.6	76.2	78.4
Diabetes primary/contributing	36.1	38.3	39.9	40.4	41.7	43.0	44.8
Diabetes on insulin	22.3	23.3	23.8	23.4	23.4	23.1	23.0
Chronic obstructive pulmonary disease	6.6	6.8	7.1	7.0	7.1	7.4	7.6
Current smoker/tobacco use	5.9	5.8	5.5	5.2	5.0	4.9	5.1
Malignant neoplasm/cancer	4.7	4.7	5.0	5.2	5.4	5.6	5.9
Alcohol dependence	1.8	1.9	1.6	1.4	1.4	1.4	1.4
Drug dependence	1.1	1.2	1.1	1.0	1.0	1.0	0.9
AIDS	0.6	0.5	0.5	0.4	0.4	0.3	0.4
HIV	0.9	0.8	0.8	0.7	0.7	0.7	0.7
Inability to ambulate	1.7	1.7	1.6	1.5	1.4	1.4	1.5
Inability to transfer	5.0	4.8	4.5	4.2	4.0	4.1	3.7
All	45,254	74,664	79,996	85,001	88,623	92,261	40,057

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

<sup>^</sup>Incomplete data

Table C.11

**Percent Distribution of Patients: by Primary Diagnosis**

incident patients

	1995 <sup>^</sup>	1996	1997	1998	1999	2000	2001 <sup>^</sup>
Diabetes	42.3	43.2	43.9	44.2	44.5	45.2	45.9
Hypertension	25.8	26.1	26.5	26.5	26.7	26.6	26.6
Glomerulonephritis	11.4	10.9	10.2	9.8	9.3	8.8	8.5
Cystic kidney	2.7	2.5	2.4	2.5	2.4	2.3	2.3
Other urologic	1.9	2.0	1.9	1.8	1.9	1.8	1.7
Other cause	12.1	11.3	11.1	11.2	11.2	11.3	11.0
Unknown cause	3.8	4.0	3.9	4.0	3.9	4.1	4.0
All patients	45,254	74,664	79,996	85,001	88,623	92,261	40,057

Table C.12

**Lab Values & Physical Characteristics: Pediatric & Adult Patients**

incident patients

	1995 <sup>^</sup> #		1996 #		1997 #		1998 #		1999 #		2000 #		2001 <sup>^</sup> #	
	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	of forms w/value	Mean values	of forms w/value	Mean values
<b>0-19</b>														
Serum albumin (g/dl)	634	3.4	987	3.4	936	3.3	912	3.3	944	3.3	988	3.2	400	3.2
BUN (mg/dl)	665	94.1	1,038	92.1	991	89.9	996	90.9	1,083	85.0	1,121	86.6	457	85.9
Serum creatinine (mg/dl)	697	9.8	1,080	9.6	1,045	9.4	1,018	9.3	1,144	8.7	1,186	8.7	485	8.5
Hematocrit (%)	687	27.0	1,061	26.6	1,014	27.3	996	27.3	1,112	27.8	1,137	28.3	465	28.3
Hemoglobin (g/dl)	632	9.2	1,007	9.1	968	9.2	941	9.3	1,055	9.4	1,096	9.6	452	9.6
Height (cm)	688	146.0	1,052	145.9	1,013	145.7	992	145.8	1,108	146.7	1,158	144.7	474	147.0
Weight (kg)	718	47.1	1,108	47.3	1,070	46.5	1,050	48.0	1,169	48.8	1,218	49.2	496	49.6
Body mass index (kg/m <sup>2</sup> )	666	20.9	1,011	21.2	975	21.6	944	21.7	1,077	21.9	1,122	22.1	459	22.0
GFR (ml/min) by MDRD formula	659	9.7	1,016	9.8	975	9.9	944	9.9	1,065	10.5	1,113	10.6	452	10.9

	1995 <sup>^</sup> #		1996 #		1997 #		1998 #		1999 #		2000 #		2001 <sup>^</sup> #	
	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	of forms w/value	Mean values	of forms w/value	Mean values
<b>20+</b>														
Serum albumin (g/dl)	36,834	3.2	60,431	3.2	63,612	3.2	63,826	3.2	63,947	3.1	66,382	3.1	28,651	3.1
BUN (mg/dl)	40,942	94.0	68,743	94.1	73,956	92.4	78,624	90.3	81,569	88.7	84,964	87.8	36,970	87.5
Serum creatinine (mg/dl)	44,194	8.7	73,000	8.5	78,285	8.1	83,170	7.9	86,416	7.6	89,694	7.4	38,888	7.3
Hematocrit (%)	41,577	27.9	69,215	28.1	74,299	28.5	79,057	28.8	81,778	29.2	84,347	29.5	36,599	29.6
Hemoglobin (g/dl)	37,781	9.4	63,430	9.4	68,786	9.5	73,631	9.6	76,847	9.7	80,557	9.8	35,282	9.9
Height (cm)	44,344	167.2	73,235	167.3	78,608	167.3	83,521	167.2	86,904	167.0	90,547	166.8	39,393	167.3
Weight (kg)	44,465	72.1	73,401	72.7	78,744	73.3	83,733	74.1	87,110	74.9	90,612	76.1	39,403	76.8
Body mass index (kg/m <sup>2</sup> )	43,849	25.7	72,375	25.9	77,725	26.1	82,588	26.5	85,758	26.8	89,202	27.2	38,943	27.3
GFR (ml/min) by MDRD formula	44,057	7.5	72,799	7.7	78,005	8.1	82,792	8.4	85,939	8.8	89,065	9.1	38,602	9.3

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

Schwartz formula used for ages 0-18; Levey formula for ages 19+

<sup>^</sup>Incomplete data

Table C.13

**Lab Values & Physical Characteristics***incident patients by demographic characteristics*

	<b>Patients</b>	<b>Serum albumin (g/dl)</b>	<b>BUN (mg/dl)</b>	<b>Creat. (mg/dl)</b>	<b>Hct %</b>	<b>Hgb (g/dl)</b>	<b>Height (cm)</b>	<b>Weight (kg)</b>	<b>Body mass index (kg/m<sup>2</sup>)</b>	<b>GFR (ml/min) by MDRD formula</b>
0-4	559	3.3	78.3	5.1	27.5	9.4	88.8	17.6	17.9	10.8
5-9	821	3.3	89.4	7.2	27.8	9.4	117.4	25.8	18.1	10.7
10-14	1,595	3.4	91.2	9.2	27.5	9.3	145.7	43.4	20.0	11.0
15-19	3,238	3.3	93.0	11.1	26.9	9.1	164.5	64.6	23.7	9.5
20-24	5,851	3.2	94.9	11.8	26.5	9.0	167.6	71.8	25.5	6.9
25-29	9,974	3.2	91.5	11.1	27.1	9.1	167.9	73.9	26.0	7.1
30-34	14,465	3.1	90.4	10.6	27.5	9.3	168.6	75.0	26.2	7.2
35-39	19,833	3.1	90.1	10.2	27.8	9.4	169.3	76.9	26.7	7.3
40-44	26,435	3.2	90.9	9.8	28.1	9.4	169.5	79.0	27.4	7.4
45-49	34,060	3.2	90.9	9.2	28.3	9.5	169.2	80.5	28.0	7.6
50-54	40,817	3.2	90.8	8.6	28.5	9.5	168.6	81.2	28.5	7.9
55-59	46,925	3.2	90.3	8.1	28.6	9.5	167.9	79.5	28.2	8.2
60-64	55,254	3.2	90.3	7.7	28.8	9.6	167.1	77.3	27.6	8.4
65-69	64,436	3.2	90.2	7.3	29.0	9.7	166.7	74.4	26.7	8.7
70-74	67,956	3.2	90.3	7.0	29.3	9.8	166.3	71.5	25.8	9.0
75-79	58,869	3.2	90.6	6.7	29.5	9.8	165.8	68.5	24.9	9.2
80-84	36,119	3.2	90.9	6.5	29.5	9.8	165.1	65.5	24.0	9.4
85+	17,573	3.1	90.8	6.3	29.6	9.9	163.5	62.1	23.2	9.6
Unknown	1,076	3.0	79.2	5.9	29.9	10.0	147.2	42.9	23.3	9.9
0-19	6,213	3.3	90.8	9.5	27.2	9.3	146.9	49.8	21.6	10.1
20-44	76,558	3.2	91.0	10.3	27.6	9.3	168.9	76.5	26.7	7.3
45-64	177,056	3.2	90.5	8.3	28.6	9.5	168.1	79.4	28.0	8.1
65-74	132,392	3.2	90.2	7.1	29.2	9.7	166.5	72.9	26.3	8.8
75+	112,561	3.2	90.7	6.6	29.5	9.8	165.2	66.5	24.3	9.3
Unknown	1,076	3.0	79.2	5.9	29.9	10.0	147.2	42.9	23.3	9.9
Male	269,658	3.2	94.6	8.5	29.0	9.7	173.0	77.9	25.9	8.8
Female	236,189	3.1	85.8	7.2	28.6	9.5	159.9	69.4	27.1	8.1
Unknown	*	2.8	96.4	10.8	28.1	9.3	174.3	82.3	27.6	7.7
White	316,164	3.2	91.2	7.3	29.3	9.8	167.2	73.7	26.3	8.7
Black	146,410	3.1	88.9	9.2	27.7	9.2	167.7	76.7	27.2	8.2
Native American/Alaskan Native	6,748	2.9	86.2	8.0	28.0	9.3	165.2	75.0	27.4	7.7
Asian	11,756	3.2	92.9	8.4	28.6	9.6	159.4	58.9	23.1	7.4
Pacific Islander	4,215	3.0	95.8	9.0	28.6	9.5	161.6	66.6	25.4	7.0
Mid-East/Arabian	1,618	3.3	93.4	8.3	29.3	9.7	163.2	69.1	25.6	8.1
Indian Subcontinent	2,088	3.2	87.0	8.0	28.3	9.5	161.8	64.4	24.5	8.2
Other/multiracial	14,103	3.1	90.5	8.5	28.1	9.4	161.7	68.6	26.0	7.6
Unknown	2,754	3.1	92.7	8.3	28.2	9.5	163.2	68.8	25.7	7.9
Hispanic-Mexican	35,079	3.1	88.4	7.9	28.2	9.5	161.7	69.8	26.6	8.2
Hispanic-Other	22,854	3.2	90.4	8.4	28.3	9.5	162.4	68.8	25.9	7.8
Non-Hispanic	446,004	3.2	90.7	7.9	28.9	9.6	167.5	74.5	26.5	8.5
Unknown	1,919	3.2	96.5	8.1	28.9	9.7	166.4	71.7	25.8	8.2
Diabetic	223,713	3.1	88.3	7.0	28.9	9.6	166.4	77.4	27.9	9.2
Non-diabetic	282,143	3.2	92.3	8.6	28.7	9.6	167.2	71.2	25.3	7.9
Year of first service										
1995 <sup>^</sup>	45,254	3.2	94.0	8.7	27.9	9.4	166.8	71.7	25.7	7.5
1996	74,664	3.2	94.1	8.5	28.0	9.4	167.0	72.3	25.8	7.8
1997	79,996	3.2	92.4	8.2	28.4	9.5	167.1	72.9	26.1	8.1
1998	85,001	3.2	90.3	7.9	28.7	9.6	167.0	73.8	26.4	8.5
1999	88,623	3.1	88.7	7.7	29.2	9.7	166.8	74.6	26.7	8.8
2000	92,261	3.1	87.7	7.4	29.5	9.8	166.5	75.7	27.1	9.2
2001 <sup>^</sup>	40,057	3.1	87.4	7.3	29.6	9.9	167.1	76.5	27.2	9.3

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

<sup>^</sup>Incomplete data

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

Table C.14

**Lab Values & Physical Characteristics: by Year & Age**

incident patients

		Serum albumin (g/dl)	BUN (mg/dl)	Creat. (mg/dl)	Hct %	Hgb (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR (ml/min) by MDRD formula	
1995 <sup>^</sup>											
	0-19	668	3.5	95.8	10.1	26.7	9.2	147.3	48.6	20.9	9.7
	20-44	7,889	3.2	94.3	11.0	26.8	9.1	169.1	74.1	25.8	6.7
	45-64	15,969	3.2	93.8	8.9	27.7	9.3	168.1	76.8	27.2	7.3
	65-74	12,037	3.3	93.2	7.8	28.3	9.5	166.3	70.3	25.4	7.8
	75+	8,623	3.3	95.1	7.3	28.6	9.6	164.9	64.1	23.6	8.2
	Unknown	68	3.0	76.1	6.8	29.9	10.1	132.7	35.2	21.9	8.4
1996											
	0-19	1,029	3.4	93.8	10.0	26.2	9.0	147.4	49.6	21.2	9.8
	20-44	12,455	3.2	94.1	10.8	27.0	9.1	169.1	74.9	26.1	6.8
	45-64	25,865	3.2	94.1	8.8	27.9	9.4	168.1	77.5	27.4	7.5
	65-74	20,196	3.2	94.0	7.6	28.5	9.6	166.7	71.0	25.6	8.1
	75+	14,998	3.2	94.4	7.2	28.8	9.7	165.3	64.9	23.7	8.4
	Unknown	121	3.1	75.8	5.9	30.0	10.1	133.7	31.2	21.4	8.9
1997											
	0-19	1,001	3.3	91.4	9.7	27.2	9.2	146.4	48.8	21.5	9.9
	20-44	12,374	3.2	92.6	10.5	27.4	9.2	169.1	75.6	26.3	7.1
	45-64	27,635	3.2	92.4	8.5	28.2	9.4	168.3	78.4	27.6	7.8
	65-74	21,604	3.2	91.7	7.3	28.9	9.6	166.8	71.7	25.8	8.5
	75+	17,241	3.2	93.2	6.8	29.1	9.7	165.3	65.6	24.0	8.8
	Unknown	141	3.0	76.7	5.7	28.8	9.7	148.9	35.3	22.4	9.6
1998											
	0-19	962	3.3	92.4	9.7	27.0	9.2	147.3	50.8	21.8	9.9
	20-44	12,811	3.2	91.2	10.4	27.6	9.2	169.1	76.5	26.6	7.3
	45-64	29,807	3.2	89.9	8.3	28.6	9.5	168.1	79.2	28.0	8.1
	65-74	22,289	3.2	89.9	7.1	29.1	9.7	166.5	72.7	26.3	8.8
	75+	18,968	3.2	90.7	6.6	29.4	9.8	165.3	66.2	24.3	9.3
	Unknown	164	3.1	83.2	5.8	30.5	10.2	144.3	36.9	21.6	9.1
1999											
	0-19	1,071	3.3	86.0	9.0	27.7	9.4	147.5	50.7	21.9	10.5
	20-44	12,760	3.1	89.1	10.1	28.0	9.4	168.8	77.4	27.1	7.5
	45-64	31,158	3.1	88.8	8.1	29.0	9.7	167.9	80.1	28.4	8.4
	65-74	22,578	3.2	88.1	6.9	29.6	9.8	166.5	73.7	26.6	9.2
	75+	20,878	3.2	89.1	6.4	29.9	9.9	165.3	66.9	24.5	9.7
	Unknown	178	3.0	81.1	6.1	29.7	10.0	149.9	42.7	23.3	10.0
2000											
	0-19	1,049	3.3	88.6	9.2	28.1	9.6	145.4	49.9	21.9	10.4
	20-44	12,841	3.1	87.4	9.8	28.3	9.5	168.5	78.2	27.4	7.7
	45-64	32,252	3.1	88.0	7.8	29.3	9.7	167.8	81.4	28.7	8.7
	65-74	23,432	3.1	87.7	6.7	29.8	9.9	166.2	75.2	27.1	9.6
	75+	22,392	3.1	87.8	6.2	30.2	10.0	165.1	68.2	24.9	10.1
	Unknown	295	3.0	78.4	5.6	29.9	10.0	151.0	52.8	24.5	10.8
2001 <sup>^</sup>											
	0-20	433	3.2	87.2	8.7	27.9	9.5	147.5	50.2	21.6	11.0
	20-45	5,428	3.1	87.6	9.8	28.6	9.6	168.9	79.1	27.6	7.8
	45-65	14,370	3.1	87.6	7.7	29.3	9.8	168.5	82.0	28.8	8.9
	65-75	10,256	3.1	87.6	6.6	29.9	10.0	166.7	75.7	27.1	9.7
	75+	9,461	3.1	87.0	6.0	30.3	10.1	165.3	68.8	25.1	10.4
	Unknown	109	3.0	80.1	6.2	30.4	10.1	153.1	52.7	24.7	10.1

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

<sup>^</sup>Incomplete data

Table C.15

**Lab Values & Physical Characteristics: by Race**

incident patients by gender, age, &amp; diabetic status

WHITE			Patients	BUN (mg/dl)	Creat. (mg/dl)	Hct %	Hgb (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR (ml/min) by MDRD formula	
Age Group	Diabetes											
Male	0-19	Diabetic	18	84.8	8.5	29.3	9.9	168.8	70.3	24.3	13.7	
		Non-diabetic	2,110	92.7	9.0	28.1	9.7	146.3	47.8	20.7	11.0	
	20-44	Diabetic	9,132	85.0	8.2	28.9	9.8	173.8	77.9	25.7	9.2	
		Non-diabetic	13,487	100.0	11.1	28.3	9.6	174.5	80.7	26.4	6.9	
	45-64	Diabetic	29,166	93.0	7.4	29.2	9.8	174.1	86.2	28.3	9.4	
		Non-diabetic	25,961	96.1	9.1	29.3	9.9	175.1	82.1	26.7	7.7	
	65-74	Diabetic	21,010	95.4	6.6	29.7	9.9	173.3	80.3	26.7	10.2	
		Non-diabetic	28,341	94.6	7.8	29.7	9.9	173.8	75.3	24.9	8.7	
	75+	Diabetic	12,191	95.8	6.1	29.9	10.0	172.1	74.7	25.2	11.0	
		Non-diabetic	34,763	94.8	7.0	29.9	10.0	172.2	70.3	23.7	9.5	
	Female	0-19	Diabetic	24	77.5	7.1	26.5	8.8	159.9	54.8	21.7	11.1
			Non-diabetic	1,626	88.0	8.6	27.3	9.3	141.4	44.5	21.0	9.9
		20-44	Diabetic	6,275	79.1	6.9	28.6	9.6	161.3	68.2	26.1	8.5
			Non-diabetic	9,200	86.4	9.0	27.9	9.4	161.1	68.2	26.3	6.7
45-64		Diabetic	25,513	86.4	6.3	29.0	9.6	160.5	78.4	30.3	8.6	
		Non-diabetic	18,371	87.5	7.8	29.0	9.7	161.2	69.9	26.8	7.0	
65-74		Diabetic	21,711	88.2	5.8	29.4	9.8	159.5	72.9	28.6	9.1	
		Non-diabetic	18,922	86.9	6.8	29.4	9.8	160.0	64.3	25.1	7.8	
75+		Diabetic	12,543	88.5	5.4	29.6	9.8	158.3	66.7	26.6	9.6	
		Non-diabetic	25,104	87.4	6.2	29.7	9.9	158.2	59.4	23.7	8.4	
<b>BLACK</b>												
Male		0-19	Diabetic	14	69.4	8.1	26.8	9.1	163.9	67.4	23.6	13.3
			Non-diabetic	873	91.4	11.6	27.0	9.1	156.7	58.9	22.8	9.7
		20-44	Diabetic	3,195	84.9	9.9	27.7	9.2	174.8	86.6	28.2	9.1
	Non-diabetic		14,553	100.6	13.3	27.3	9.2	175.5	82.4	26.7	6.7	
	45-64	Diabetic	13,607	90.3	8.9	28.1	9.3	175.4	87.0	28.2	9.3	
		Non-diabetic	16,869	97.7	11.1	27.7	9.2	175.2	80.5	26.2	7.6	
	65-74	Diabetic	6,240	91.3	7.9	28.6	9.5	173.4	80.9	26.9	10.1	
		Non-diabetic	6,793	93.5	9.1	28.1	9.3	173.5	74.5	24.7	8.9	
	75+	Diabetic	2,715	90.3	7.2	28.7	9.5	171.5	74.8	25.4	10.9	
		Non-diabetic	5,342	91.8	8.1	28.6	9.5	172.0	69.0	23.4	9.9	
	Female	0-19	Diabetic	20	62.3	9.0	26.0	8.5	161.1	70.0	26.8	9.6
			Non-diabetic	789	86.8	10.4	25.7	8.6	151.0	57.9	24.2	9.2
		20-44	Diabetic	3,257	74.5	8.4	26.9	8.9	163.1	81.1	30.4	8.3
			Non-diabetic	10,206	86.2	11.0	26.1	8.7	162.8	74.1	27.8	6.4
45-64		Diabetic	17,228	81.3	7.6	27.9	9.2	162.3	81.3	30.8	8.3	
		Non-diabetic	12,560	87.8	9.4	27.3	9.0	162.2	73.6	27.9	6.9	
65-74		Diabetic	11,117	82.0	7.1	28.2	9.3	161.3	74.1	28.5	8.6	
		Non-diabetic	7,802	84.8	7.9	27.9	9.2	160.9	67.3	26.0	7.9	
75+		Diabetic	5,426	82.6	6.6	28.4	9.4	160.0	68.0	26.5	9.2	
		Non-diabetic	7,526	84.9	7.2	28.2	9.3	159.4	61.0	24.1	8.5	
<b>NATIVE AMERICAN/ALASKAN NATIVE</b>												
Male		0-19	Diabetic	*	59.0	5.0	25.7	8.0	168.0	75.0	26.6	18.5
			Non-diabetic	37	83.9	10.5	26.4	8.8	153.2	56.3	23.1	10.4
		20-44	Diabetic	273	82.3	8.9	27.8	9.3	173.4	88.2	29.2	8.2
	Non-diabetic		290	101.2	12.5	26.9	9.0	173.7	83.3	27.5	6.1	
	45-64	Diabetic	1,252	88.3	8.6	28.2	9.4	173.1	83.4	27.8	8.1	
		Non-diabetic	395	95.4	10.2	27.3	9.1	173.5	80.9	26.7	6.8	
	65-74	Diabetic	404	88.4	7.2	29.1	9.7	171.7	75.8	25.8	9.4	
		Non-diabetic	172	93.9	8.9	27.9	9.3	171.4	73.4	24.8	7.7	
	75+	Diabetic	125	91.2	6.6	28.8	9.6	169.1	69.4	24.6	9.9	
		Non-diabetic	129	102.7	8.3	28.5	9.5	170.0	70.3	24.2	7.8	
	Female	0-19	Diabetic	.	.	.	.	.	.	.	.	.
			Non-diabetic	32	83.7	8.9	25.9	8.6	146.1	50.0	21.3	10.2
		20-44	Diabetic	238	75.4	7.6	27.2	9.0	162.1	79.4	30.2	7.9
			Non-diabetic	251	88.5	10.6	25.9	8.7	160.6	70.4	27.3	5.6
45-64		Diabetic	1,500	80.8	7.1	28.3	9.4	159.7	74.4	29.0	7.4	
		Non-diabetic	318	86.7	8.5	26.9	9.1	159.9	69.6	27.1	6.3	
65-74		Diabetic	709	82.0	6.4	28.2	9.3	158.0	67.3	27.0	8.0	
		Non-diabetic	200	84.4	7.1	27.8	9.3	158.8	64.8	25.9	7.2	
75+		Diabetic	257	83.3	5.9	29.0	9.6	157.7	63.7	25.7	8.5	
		Non-diabetic	156	86.7	6.5	27.8	9.3	156.4	56.5	23.4	7.7	

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

Schwartz formula used for ages 0-18; Levey formula for ages 19+

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

." Zero values in this cell.

Table C.15 (continued)

**Lab Values & Physical Characteristics: by Race**

incident patients by gender, age, & diabetic status

ASIAN			Serum albumin (g/dl)	BUN (mg/dl)	Creat. (mg/dl)	Hct %	Hgb (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR (ml/min) by MDRD formula		
Age Group	Diabetes	Patients											
Male	0-19	Diabetic	*	.	102.0	14.4	13.4	4.8	183.0	65.0	19.4	4.7	
		Non-diabetic	74	3.2	105.0	11.4	27.7	9.3	145.7	47.5	20.0	9.4	
	20-44	Diabetic	147	3.0	91.4	9.3	29.4	9.8	169.0	77.6	27.0	7.8	
		Non-diabetic	789	3.4	109.7	12.8	26.4	9.0	166.3	64.8	23.3	5.9	
	45-64	Diabetic	1057	3.0	94.6	8.6	28.8	9.7	166.5	69.5	25.0	8.0	
		Non-diabetic	1024	3.4	100.5	10.6	28.3	9.5	165.5	66.0	23.9	6.4	
	65-74	Diabetic	741	3.1	92.9	7.7	29.5	9.9	164.8	63.7	23.5	8.7	
		Non-diabetic	741	3.3	95.8	8.7	28.9	9.7	164.7	60.7	22.4	7.6	
	75+	Diabetic	562	3.1	92.6	6.8	29.8	10.0	163.3	60.5	22.8	9.6	
		Non-diabetic	831	3.2	93.4	7.6	29.4	9.9	162.9	57.3	21.8	8.6	
	Female	0-19	Diabetic	*	2.7	88.0	17.3	22.3	7.7	175.0	66.0	21.6	2.8
			Non-diabetic	84	3.1	101.4	9.1	25.0	8.4	146.4	43.0	19.7	9.0
		20-44	Diabetic	114	2.8	87.1	8.6	27.4	9.2	156.8	63.4	25.7	6.6
			Non-diabetic	750	3.3	92.8	10.0	26.6	8.9	155.9	53.3	21.9	5.8
45-64		Diabetic	877	3.0	87.0	7.4	28.5	9.5	155.3	60.5	24.9	7.2	
		Non-diabetic	957	3.4	93.1	8.9	27.9	9.3	154.2	54.6	22.9	5.9	
65-74		Diabetic	933	3.0	84.8	6.6	29.2	9.7	153.6	54.8	23.3	7.6	
		Non-diabetic	657	3.3	86.2	7.6	28.8	9.6	153.3	52.4	22.4	6.7	
75+		Diabetic	650	3.0	86.9	6.1	29.3	9.8	152.4	51.6	22.4	8.4	
		Non-diabetic	735	3.2	87.5	6.8	29.2	9.7	150.9	48.3	21.2	7.6	
<b>PACIFIC ISLANDER</b>													
Male		0-19	Diabetic	.	.	.	.	.	.	.	.	.	.
			Non-diabetic	18	2.9	117.9	12.4	27.5	9.0	151.2	52.8	23.3	9.3
		20-44	Diabetic	88	2.8	102.5	11.4	28.0	9.3	170.7	89.1	30.5	6.6
	Non-diabetic		218	3.4	112.0	13.7	28.0	9.5	169.3	74.3	25.6	5.4	
	45-64	Diabetic	608	2.9	101.7	9.8	28.6	9.6	169.4	79.4	27.6	7.0	
		Non-diabetic	301	3.3	107.9	11.2	28.4	9.5	167.7	72.5	25.5	6.0	
	65-74	Diabetic	325	3	94.8	7.9	29.4	9.9	166.9	68.6	24.8	8.7	
		Non-diabetic	199	3.2	97.3	8.9	28.1	9.5	164.5	62.8	23.3	7.5	
	75+	Diabetic	121	3.1	95.9	7.0	30.4	10.1	164.6	60.9	22.8	9.6	
		Non-diabetic	198	3.2	94.7	8.0	29.3	9.8	162.9	58.0	22.0	8.6	
	Female	0-19	Diabetic	.	.	.	.	.	.	.	.	.	.
			Non-diabetic	30	3	99.6	10.0	26.4	8.7	146.6	46.2	21.5	8.8
		20-44	Diabetic	97	2.6	85.9	9.3	27.4	9.0	159.5	75.3	29.6	6.2
			Non-diabetic	221	3.2	99.3	11.4	26.4	8.8	158.7	62.2	24.5	5.2
45-64		Diabetic	628	2.8	91.4	8.1	28.3	9.4	157.4	68.9	27.7	6.5	
		Non-diabetic	262	3.3	95.2	9.5	27.8	9.3	156.4	60.0	24.4	5.5	
65-74		Diabetic	387	2.9	87.1	6.9	29.3	9.7	156.0	60.1	24.7	7.4	
		Non-diabetic	173	3.3	88.8	8.0	29.3	9.8	154.2	55.3	23.3	6.1	
75+		Diabetic	172	2.9	84.1	5.8	29.6	9.9	153.8	54.3	23.2	8.5	
		Non-diabetic	161	3.3	85.2	6.9	29.4	9.7	151.3	50.5	22.0	7.5	
<b>MID-EAST/ARABIAN</b>													
Male		0-19	Diabetic	.	.	.	.	.	.	.	.	.	.
			Non-diabetic	36	3.6	100.4	10.1	27.5	9.5	128.5	36.7	19.1	8.8
		20-44	Diabetic	21	2.9	99.3	8.6	27.9	9.2	166.6	81.1	27.6	8.7
	Non-diabetic		174	3.6	101.0	11.9	29.0	9.7	169.8	74.7	25.7	6.4	
	45-64	Diabetic	193	3.2	92.8	7.7	29.5	9.8	167.9	74.7	26.4	8.9	
		Non-diabetic	205	3.5	104.3	9.8	29.5	9.9	169.7	75.0	25.8	6.8	
	65-74	Diabetic	130	3.2	92.2	7.0	29.3	9.7	169.5	76.4	26.5	9.7	
		Non-diabetic	132	3.3	82.7	8.3	29.6	9.9	167.7	69.8	24.7	8.4	
	75+	Diabetic	61	3.2	104.2	6.6	30.8	10.2	165.9	68.4	24.4	10.4	
		Non-diabetic	109	3.3	95.3	7.4	29.7	9.7	167.2	66.9	23.7	8.9	
	Female	0-19	Diabetic	.	.	.	.	.	.	.	.	.	.
			Non-diabetic	20	3.8	97.7	9.9	26.0	8.5	132.5	46.0	20.3	8.6
		20-44	Diabetic	*	3.2	94.2	7.0	27.4	9.1	154.9	70.8	29.3	8.3
			Non-diabetic	77	3.6	89.6	9.5	27.8	9.5	159.4	60.4	23.8	5.6
45-64		Diabetic	72	3.0	85.1	6.4	29.0	9.6	156.3	68.4	28.1	8.5	
		Non-diabetic	115	3.4	89.9	8.7	28.1	9.3	157.6	66.3	26.8	5.9	
65-74		Diabetic	92	3.2	83.4	5.8	29.3	9.6	156.3	65.2	27.0	9.2	
		Non-diabetic	72	3.2	87.5	7.0	29.7	9.7	155.9	64.8	26.7	8.1	
75+		Diabetic	29	3.2	83.6	5.1	28.3	9.3	152.5	60.2	26.1	10.0	
		Non-diabetic	66	3.2	92.2	6.0	31.4	10.3	157.6	63.4	25.6	9.0	

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

Schwartz formula used for ages 0-18; Levey formula for ages 19+

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

." Zero values in this cell.

Table C.15 (continued)

**Lab Values & Physical Characteristics: by Race**

incident patients by gender, age, &amp; diabetic status

INDIAN SUBCONTINENT			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 <sup>2</sup> )	by MDRD formula		
Male	0-19	Diabetic	.	.	.	.	.	.	.	.	.		
		Non-diabetic	25	3.4	101.2	10.1	29.5	9.8	147.8	46.2	19.5	9.9	
	20-44	Diabetic	45	3.0	84.1	8.7	28.1	9.5	168.9	76.4	25.6	8.1	
		Non-diabetic	190	3.4	95.0	11.9	27.8	9.4	169.8	68.6	23.9	6.3	
	45-64	Diabetic	333	3.1	87.9	8.0	28.8	9.7	167.4	70.1	25.1	8.5	
		Non-diabetic	217	3.4	92.2	10.1	27.9	9.5	168.3	66.8	23.6	6.8	
	65-74	Diabetic	175	3.2	89.4	6.8	28.9	9.7	165.7	66.6	24.1	10.3	
		Non-diabetic	113	3.3	90.5	7.7	29.1	9.6	165.2	65.1	23.7	9.2	
	75+	Diabetic	51	3.2	80.0	6.0	28.9	9.5	164.4	61.8	22.3	11.0	
		Non-diabetic	89	3.1	84.3	6.8	30.2	9.9	164.0	60.4	22.4	9.6	
	Female	0-19	Diabetic	.	.	.	.	.	.	.	.	.	
			Non-diabetic	14	3.2	78.6	7.4	28.9	9.8	139.8	37.5	18.2	10.0
		20-44	Diabetic	27	2.8	86.7	8.9	27.3	9.2	158.0	67.1	26.7	6.3
			Non-diabetic	123	3.2	90.2	9.5	26.5	8.6	158.3	59.6	23.8	6.4
45-64		Diabetic	216	2.9	80.8	6.6	27.8	9.3	154.8	65.0	27.2	8.1	
		Non-diabetic	117	3.3	88.4	8.2	27.7	9.2	154.7	59.3	24.9	6.4	
65-74		Diabetic	156	3.1	77.5	5.9	28.9	9.7	154.1	62.4	26.5	9.0	
		Non-diabetic	87	3.3	81.9	6.9	28.4	9.4	153.2	57.8	24.4	7.6	
75+		Diabetic	53	2.9	82.4	5.3	29.1	9.8	152.9	57.1	24.4	10.3	
		Non-diabetic	52	3.0	80.9	6.4	28.2	9.3	153.2	54.4	23.4	8.4	
OTHER/MULTIRACIAL													
Male		0-19	Diabetic	.	.	.	.	.	.	.	.	.	
			Non-diabetic	170	3.5	98.8	10.3	27.0	9.1	144.5	48.6	21.4	9.6
		20-44	Diabetic	437	2.9	87.7	9.2	27.4	9.3	169.1	76.8	26.6	8.1
	Non-diabetic		1,153	3.3	103.4	12.9	26.8	9.1	168.5	73.2	25.5	5.8	
	45-64	Diabetic	2,335	3.0	91.0	8.3	28.4	9.5	167.4	76.0	26.9	8.3	
		Non-diabetic	1,215	3.3	99.3	10.7	27.8	9.4	168.0	73.8	26.1	6.5	
	65-74	Diabetic	996	3.1	91.1	7.5	29.0	9.7	166.6	71.6	25.7	9.1	
		Non-diabetic	590	3.4	97.5	9.0	28.6	9.6	165.2	68.9	24.8	7.5	
	75+	Diabetic	400	3.1	88.8	6.9	29.4	9.8	166.0	68.0	24.8	9.8	
		Non-diabetic	509	3.2	92.1	8.1	29.2	9.7	165.0	63.9	23.4	8.4	
	Female	0-19	Diabetic	*	4.5	69.0	16.5	34.0	11.7	152.0	44.0	19.0	3.0
			Non-diabetic	151	3.2	92.0	8.8	25.6	8.7	136.1	45.1	21.8	9.1
		20-44	Diabetic	307	2.8	79.8	7.7	27.1	9.1	159.0	68.1	26.8	7.8
			Non-diabetic	742	3.3	92.7	10.3	26.4	8.8	158.0	63.9	25.6	5.7
45-64		Diabetic	1,775	2.9	82.4	7.0	28.2	9.4	156.4	69.5	28.2	7.6	
		Non-diabetic	763	3.4	93.3	9.1	27.5	9.2	156.3	64.4	26.0	6.0	
65-74		Diabetic	1,161	3.0	82.7	6.4	28.5	9.5	155.8	64.2	26.4	8.0	
		Non-diabetic	425	3.2	85.2	7.8	28.7	9.6	155.0	58.6	24.3	6.9	
75+		Diabetic	482	3.1	82.2	6.0	29.1	9.7	154.4	59.4	24.6	8.8	
		Non-diabetic	446	3.2	86.6	6.7	29.0	9.6	153.5	55.2	23.3	7.8	
UNKNOWN													
Male		0-19	Diabetic	.	.	.	.	.	.	.	.	.	
			Non-diabetic	31	3.5	86.9	9.4	27.8	9.4	149.8	47.6	20.0	10.2
		20-44	Diabetic	79	2.9	85.1	9.1	27.7	9.5	168.8	76.3	26.1	8.2
	Non-diabetic		190	3.2	103.1	12.8	27.0	9.2	169.0	71.8	25.5	6.3	
	45-64	Diabetic	311	3.0	98.8	8.7	28.2	9.4	169.9	77.5	26.9	8.2	
		Non-diabetic	245	3.2	101.5	10.1	28.1	9.6	169.4	74.3	26.1	7.2	
	65-74	Diabetic	174	3.1	96.2	7.2	28.5	9.6	168.3	72.5	25.4	9.5	
		Non-diabetic	181	3.3	99.0	8.3	28.7	9.7	170.1	70.3	24.5	8.6	
	75+	Diabetic	82	3.1	95.5	6.6	29.9	9.9	168.3	68.5	23.8	10.8	
		Non-diabetic	176	3.1	94.4	7.2	28.9	9.6	167.2	67.0	23.5	9.2	
	Female	0-19	Diabetic	.	.	.	.	.	.	.	.	.	
			Non-diabetic	13	3.1	91.9	9.1	27.6	9.2	137.5	40.5	20.2	9.6
		20-44	Diabetic	57	2.7	80.1	7.6	27.3	9.2	161.4	72.7	27.2	7.3
			Non-diabetic	144	3.2	96.1	10.8	25.6	8.8	159.3	63.2	25.1	5.8
45-64		Diabetic	283	3.0	84.0	6.8	28.2	9.4	157.4	71.4	28.7	8.0	
		Non-diabetic	204	3.2	87.7	8.5	27.8	9.3	159.3	66.7	26.1	6.3	
65-74		Diabetic	227	3.0	84.1	6.6	28.6	9.6	156.2	66.3	26.8	8.4	
		Non-diabetic	102	3.3	87.3	7.3	29.4	9.8	156.7	60.4	24.3	7.3	
75+		Diabetic	109	3.1	86.0	6.0	29.1	9.7	154.7	57.8	24.2	8.6	
		Non-diabetic	138	3.2	88.8	6.5	28.5	9.5	154.8	57.5	24.4	7.9	

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

Schwartz formula used for ages 0-18; Levey formula for ages 19+

." Zero values in this cell.

Table C.16

**Lab Values & Physical Characteristics: by Hispanic Ethnicity**

*incident patients by gender, age, & diabetic status*

HISPANIC-MEXICAN			Serum albumin (g/dl)	BUN (mg/dl)	Creat. (mg/dl)	Hct %	Hgb (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR (ml/min) by MDRD formula		
Age Group	Diabetes	Patients											
Male	0-19	Diabetic	*	3.4	122.7	14.9	25.8	8.6	167.0	64.3	22.9	5.1	
		Non-diabetic	396	3.4	100.9	10.8	26.5	9.0	146.7	48.9	20.9	9.5	
	20-44	Diabetic	1,152	2.8	86.3	8.9	27.8	9.4	169.9	80.6	27.7	8.4	
		Non-diabetic	2,260	3.3	105.6	12.9	26.7	9.1	168.6	74.2	25.9	6.0	
	45-64	Diabetic	5,784	3.0	89.2	8.1	28.3	9.5	168.7	77.8	27.2	8.6	
		Non-diabetic	2,094	3.2	96.8	10.1	27.9	9.4	168.7	75.7	26.6	7.1	
	65-74	Diabetic	2,758	3.1	89.8	7.1	28.9	9.7	167.6	72.9	25.9	9.6	
		Non-diabetic	1,290	3.2	93.7	8.5	28.8	9.6	168.1	69.3	24.6	8.2	
	75+	Diabetic	1,103	3.1	90.3	6.3	29.4	9.9	166.2	67.8	24.6	10.6	
		Non-diabetic	1,045	3.2	90.7	7.3	29.2	9.7	165.5	65.2	23.7	9.4	
	Female	0-19	Diabetic	*	3.1	80.8	8.6	27.9	9.3	162.0	58.6	22.5	11.2
			Non-diabetic	325	3.2	90.1	9.3	25.9	8.7	140.5	43.8	21.0	9.4
20-44		Diabetic	837	2.7	78.1	7.4	27.3	9.2	157.9	71.8	28.6	8.0	
		Non-diabetic	1,631	3.2	92.1	10.2	26.1	8.8	157.3	65.1	26.2	6.0	
45-64		Diabetic	5,585	2.9	81.9	6.6	28.2	9.4	156.2	70.6	28.8	8.2	
		Non-diabetic	1,431	3.3	89.3	8.5	27.5	9.2	156.3	66.9	27.2	6.6	
65-74		Diabetic	3,721	3.0	82.5	6.2	28.8	9.6	155.3	65.2	27.0	8.5	
		Non-diabetic	1,021	3.2	85.5	7.2	28.7	9.6	155.1	61.5	25.5	7.4	
75+		Diabetic	1,517	3.0	82.3	5.5	29.1	9.7	153.7	60.3	25.5	9.6	
		Non-diabetic	1,023	3.1	84.0	6.1	29.1	9.7	153.4	55.9	23.9	8.6	
<b>HISPANIC-OTHER</b>													
Male		0-19	Diabetic	*	2.5	57.3	10.3	23.9	8.2	169.3	65.0	22.6	10.2
	Non-diabetic		249	3.5	96.6	9.8	27.4	9.2	146.4	48.8	21.2	9.8	
	20-44	Diabetic	698	3.0	85.9	8.9	28.0	9.4	168.5	77.4	27.0	8.4	
		Non-diabetic	1,749	3.3	102.2	12.6	27.1	9.2	169.2	74.2	25.8	6.0	
	45-64	Diabetic	3,431	3.1	91.1	8.2	28.6	9.6	167.7	76.1	26.9	8.5	
		Non-diabetic	1,946	3.3	100.2	10.5	28.1	9.5	168.3	74.0	25.9	6.7	
	65-74	Diabetic	1,751	3.2	90.6	7.4	29.0	9.7	166.7	71.3	25.6	9.3	
		Non-diabetic	1,136	3.3	94.8	8.8	28.7	9.6	166.9	69.4	24.8	7.7	
	75+	Diabetic	713	3.2	91.1	6.9	29.5	9.8	166.4	68.7	24.8	9.9	
		Non-diabetic	1,041	3.2	92.9	8.0	29.0	9.7	165.7	65.0	23.4	8.3	
	Female	0-19	Diabetic	*	4.5	69.0	16.5	34.0	11.7	152.0	44.0	19.0	3.0
			Non-diabetic	209	3.2	90.0	9.0	26.5	8.9	139.2	44.5	21.6	9.2
20-44		Diabetic	494	2.8	79.2	7.7	27.1	9.0	159.5	67.8	26.8	7.5	
		Non-diabetic	1,207	3.3	91.4	10.1	26.4	8.9	158.6	63.3	25.1	6.0	
45-64		Diabetic	2,644	2.9	82.2	6.8	28.4	9.5	157.1	69.6	28.2	7.9	
		Non-diabetic	1,315	3.4	91.2	9.0	27.8	9.2	157.4	64.2	25.8	6.1	
65-74		Diabetic	1,828	3.0	83.7	6.5	28.7	9.6	156.3	65.2	26.6	8.1	
		Non-diabetic	783	3.2	86.3	7.6	28.7	9.5	155.8	60.6	24.9	7.2	
75+		Diabetic	801	3.1	83.4	6.1	29.6	9.8	154.9	60.0	25.0	8.5	
		Non-diabetic	804	3.2	87.2	6.7	29.1	9.7	154.8	56.7	23.8	7.7	
<b>NON-HISPANIC</b>													
Male		0-19	Diabetic	28	3.1	76.0	7.5	28.4	9.6	167.1	70.0	24.2	14.8
	Non-diabetic		2,712	3.4	91.6	9.7	27.9	9.6	149.4	51.1	21.3	10.7	
	20-44	Diabetic	11,515	3.0	85.1	8.6	28.6	9.6	174.5	80.3	26.2	9.2	
		Non-diabetic	26,932	3.3	100.3	12.2	27.8	9.4	175.2	81.6	26.5	6.8	
	45-64	Diabetic	39,486	3.1	92.7	8.0	28.9	9.7	175.1	87.1	28.3	9.4	
		Non-diabetic	42,220	3.3	96.8	9.9	28.7	9.6	175.2	81.3	26.4	7.6	
	65-74	Diabetic	25,586	3.2	94.9	6.9	29.5	9.8	173.6	80.6	26.7	10.2	
		Non-diabetic	34,691	3.3	94.4	8.1	29.4	9.8	173.7	75.0	24.8	8.7	
	75+	Diabetic	14,427	3.2	95.0	6.3	29.7	9.9	172.0	74.6	25.2	10.9	
		Non-diabetic	39,886	3.2	94.4	7.1	29.8	9.9	172.1	70.0	23.6	9.6	
	Female	0-19	Diabetic	40	3.1	69.8	8.2	26.0	8.6	160.6	62.2	24.2	10.1
			Non-diabetic	2,211	3.2	88.1	9.2	26.8	9.1	145.0	49.4	22.0	9.7
20-44		Diabetic	9,020	2.9	77.7	7.5	28.0	9.3	162.2	72.8	27.6	8.4	
		Non-diabetic	18,806	3.2	86.2	10.0	27.0	9.1	162.1	71.0	26.9	6.5	
45-64		Diabetic	39,704	3.0	84.8	6.9	28.6	9.5	161.7	80.1	30.5	8.4	
		Non-diabetic	30,780	3.3	87.7	8.4	28.3	9.4	161.6	71.0	27.1	6.9	
65-74		Diabetic	30,787	3.1	86.3	6.3	29.0	9.6	160.4	73.5	28.5	8.9	
		Non-diabetic	26,520	3.2	86.2	7.2	29.0	9.6	160.2	64.9	25.3	7.8	
75+		Diabetic	17,318	3.1	87.1	5.8	29.3	9.7	158.9	66.9	26.5	9.4	
		Non-diabetic	32,405	3.2	86.9	6.4	29.3	9.8	158.5	59.6	23.7	8.4	

Data are on based on first & new Medical Evidence forms certified within 12 months of first ESRD service date & filed between May 1995 & June 2001.

The age of the incident patient is determined as of the date of ESRD initiation.

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