

# ***L. The HCFA Medical Evidence Form (HCFA-2728)***

The Medical Evidence Form (HCFA-2728) is one of the key sources of data about ESRD patients. The Medical Evidence Form serves to: 1) establish Medicare eligibility for individuals who previously were not Medicare beneficiaries, 2) reclassify previously Medicare beneficiaries as ESRD patients, and 3) to provide demographic and diagnostic information on all new ESRD patients regardless of Medicare entitlement. It is part of the process of establishing Medicare entitlement based on ESRD. In most cases it establishes the date of the first ESRD service, which we use as the date of the start of ESRD. It is the only sources for the physician's diagnosis of the primary disease causing renal failure.

In April 1995 a new version of the Medical Evidence form came into use. This new version includes much greater detail than the previous version. Also, dialysis facilities are required to complete the new form for all new dialysis patients regardless of Medicare entitlement. Thus this new version provides more detailed data and provides it for all new patients. Most of the tables in this section are drawn from the 1995 version of the form.

The full title of the form is

“End Stage Renal Disease Medical Evidence Report  
Medicare Entitlement and/or Patient Registration,”

In this ADR, we generally refer to this as the “Medical Evidence Form.” In the table titles and labels in Section L, “HCFA-2728” is used frequently because of limited space. In this Introduction to Section L, we quote frequently from the HCFA *End Stage Renal Disease Program Instruction Manual for Renal Providers* (June 1995), which will be referred to here as the *Instruction Manual*. Some of the material in the *Instruction Manual* also appears on the form itself. The instructions in the June 1995 edition of the *Instruction Manual* are for the version of the HCFA-2728 form that went into use in April 1995. The difference between the 1995 version and earlier versions will be discussed later. Extracts from the *Instruction Manual* will indicate the page numbers in parentheses, as in the following:

The HCFA-2728 ESRD Medical Evidence Report should be completed within 45 days of when the patient is diagnosed as having end stage renal disease (ESRD). It requires a physician's signature attesting that the patient has ESRD. The information captured from this report will identify new patients filing for ESRD Medicare benefits and will register all patients with the United States Renal Data System (USRDS) where the data will be used for epidemiological studies. (p 19)

This form is completed at the dialysis unit for each new ESRD patient treated at that unit and is sent to HCFA through the regional ESRD Networks. The *Instruction Manual* gives the following instructions about for whom and by whom the form is to be completed, in addition to the quote above:

This form SHOULD NOT be completed for those patients who are in acute renal failure. Acute renal failure is a condition in which kidney function can be expected to recover after a short period of dialysis, i.e., several weeks or months.

This form MUST BE completed within 45 days for ALL patients beginning any of the following:

- A. For all patients who initially receive a kidney transplant instead of a course of dialysis.
- B. All patients for whom a regular course of dialysis has been prescribed by a physician because they have reached that stage of renal impairment that a kidney transplant or regular course of dialysis is necessary to maintain life. The first date of a regular course of dialysis is the date this prescription is implemented whether as an inpatient of a hospital, an outpatient in a dialysis center or facility, or a home patient. This form should be completed for all patients in this category even if the patient dies within this time period.
- C. For beneficiaries who have already been entitled to ESRD Medicare benefits and those benefits were terminated because their coverage stopped 3 years post transplant but now are again applying for Medicare ESRD benefits because they returned to dialysis or received another kidney transplant.
- D. For beneficiaries who stopped dialysis for more than 12 months, have had their Medicare ESRD benefits terminated and now returned to dialysis or received a kidney transplant. These patients will be reapplying for Medicare benefits.

All Items except as follows: To be completed by the attending physician, head nurse, or social worker involved in this patient's treatment of renal disease

Items 12,16, 47-48: To be completed by the attending physician.

Item 42: To be signed by the attending physician or the physician familiar with the patient's self-care dialysis training.

Items 50 and 51: To be signed and dated by the patient.

Table L.1 shows the number of forms filed by the year of medical certification; that is, the year in which the physician signed the form. The Medical Evidence Form came into use in 1973 when Medicare began covering ESRD patients. In 1995 a new version of the Medical Evidence Form came into use, and the form was required for all new dialysis patients, not just for those applying for Medicare. A number of new data items are collected by this form. Table L.1 tabulates forms by the version of the form. The new form came into use in April of 1995, so for 1995 more than one third of the forms are the old version. Multiple forms may be filed for a patient if the patient loses Medicare entitlement (3 years after receiving a transplant and 1 year after a recovery of renal function) and then returns to dialysis, multiple.

In this Reference Table section, and in Chapter IV, the Medical Evidence Form is used to provide data about the characteristics of new ESRD patients, and patients rather than forms will be the unit of analysis. Table L.2 tabulates new ESRD patients by the year of first ESRD service. Columns two through five of this table tabulate patients by whether a Medical Evidence Form was ever filed and the version of the first Medical Evidence Form (if any). The second column shows the percent of new patients in that year for whom no Medical Evidence Form was ever filed. Columns six through eight show the source used by the USRDS to determine the date of first ESRD service. The first service date is the earliest of the first dialysis date on a Medical Evidence Form, the first Medicare claim for outpatient dialysis, and the date of the first kidney transplant, as indicated by a HCFA or UNOS transplant report, a Medical Evidence Form, or a hospitalization with a kidney transplant DRG code.

From 1973 through 1976 the Medical Evidence Form was the primary means of identifying patients as having ESRD. Medicare claims data became available in 1977, allowing patients to be identified as having ESRD based on the fact that they have claims for outpatient dialysis. The number of new patients in the database quadruples between 1976 and 1977. From 1977 through 1981, the Medical Evidence Form is not available for an average of 40 percent of the new patients each year. In these cases, the patients were identified as having ESRD based on Medicare claims for outpatient dialysis or a record of a kidney transplant. Requirements for completing the form were tightened in 1982, and patients with no Medical Evidence Form account for an average of only 5.9 percent of new patients during these years. In 1995 a new version of the Medical Evidence Form came into use, and the form was required for all new dialysis patients, not just for those applying for Medicare. For 1995 through 1997, only 4.9 percent of new patients had no Medical Evidence Form.

Table L.2 also tabulates new patients by whether the patient has ever been Medicare entitled. The number of non-Medicare patients quadruples between 1987 and 1988 because of non-Medicare transplant patients about whom data were received from the United Network for Organ Sharing (UNOS). Another big jump in the number of non-Medicare patients occurs between 1993 and 1994 as a result of the new version of the Medical Evidence Form, which is to be completed for all new ESRD patients.

As indicated earlier, in this Reference Table section, and in Chapter IV, the Medical Evidence Form is used to provide data about the characteristics of new ESRD patients, and patients rather than forms will be the unit of analysis. For this reason we are interested primarily in the first Medical Evidence Form filed for each patient. In addition, for analysis of data from the employment, comorbid condition, and lab values questions on the Medical Evidence Form we are interested only in the new version of the Form. For Tables L-6 on, we also restrict the analysis to patients for whom the first Medical Evidence Form was filed within 12 months of the first service date. The last column of Table L.2 shows the number of such patients used in these tables.

The Medical Evidence Form provides one of our sources for the race of the ESRD patient, and the 1995 revision of the form provides the most detailed race classification of all of the sources. Table L.3 tabulates new patients by the race recorded on the first Medical Evidence Form. The new codes show up in small numbers for years prior to 1995. This occurs when a Medical Evidence Form is not filed when the patient first has a transplant or starts dialysis but is filed some years later. An example would be a patient who received a living donor transplant in 1980, with no Medical Evidence Form filed, and then started dialysis in 1995 when the transplant failed. A Medical Evidence Form would be needed to re-establish Medicare entitlement in 1995. This would be the first Medical Evidence Form, but the first service date would be fifteen years earlier. Chapter XIII and the *Researcher's Guide to the USRDS Database*

The section below from the *Instruction Manual* (p. 23) provides these instruction for the ethnicity and race questions:

8	Check the appropriate block to identify ethnicity. Definitions of the basic ethnicity categories for Federal statistics are as follows:
Hispanic: Mexican—	A person of Mexican culture or origin, regardless of race.
Hispanic: Other—	A person of Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.
Non-Hispanic—	A person of culture or origin not described above, regardless of race.
9	Check one appropriate block to identify race. Definitions of the basic racial categories for Federal statistics are as follows:
White—	A person having origins in any of the original white peoples of Europe.
Black—	A person having origins in any of the black racial groups of Africa.
American Indian/Alaskan Native—	A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.
Asian—	A person having origins in any of the original peoples of the Far East and Southeast Asia. Examples of this area include China, Japan and Korea.
Pacific Islander—	A person having origins in any of the peoples of the Pacific Islands. Examples of this area include the Philippine Islands, Samoa and Hawaiian Islands.
Mid-East/Arabian—	A person having origins in any of the peoples of the Middle East and Northern Africa. Examples of this area include Egypt, Israel, Iran, Iraq, Saudi Arabia, Jordan, and Kuwait.
Indian Sub-Continent—	A person having origins in any of the peoples of the Indian Sub-continent. Examples of this area include India and Pakistan.
Other or Multiracial—	A person not having origins in any of the above categories or who is multiracial.
Unknown—	Check this block if race is unknown.

Note that race and hispanic ethnicity questions are entirely separate and that hispanic persons may fall into a number of race groups. Ethnicity is tabulated in Table L.6.

The Medical Evidence Form provides our only source for the physician's diagnosis of the primary disease causing renal failure. The coding of this item changed with the 1995 revision of the form. Table L.4 tabulates all of the codes used for this variable over the years. The codes from the pre-1995 version of the Medical Evidence form have the letter 'Z' appended to the numeric code to distinguish them from the codes used on the 1995 version of the Form, which use the letters 'A' through 'E' after the numeric portion of the code. This table is provided primarily as a resource for researchers who are considering analyses that require the detailed primary disease variable.

The remaining tables in Section L are based only on the 1995 version of the form. As discussed earlier, these tables are limited to patients who have a first service date in 1995 through 1997, whose first Medical Evidence Form was filed within 12 months of the first service date, for whom the first Medical Evidence Form was the 1995 version of the form. Tables L.6 through L.12 tabulate a number of demographic variables by the three years: age, sex, ethnicity, race, current employment status, previous employment status, and diabetic status.

Employment status (Table L.7) is collected currently and for six months prior to renal failure. There are eight check boxes for each period, and only one should be checked. If the patient is under six years of age, the questions should be left blank. We recode these items into

two categorical variables, one for each period. Employment status by age and sex are tabulated in Tables L.13 and L.14.

Medical Insurance status is indicated by a set of six check boxes and a question on whether the patient is applying for Medicare coverage. These are tabulated in Table L.10. The instructions for these questions are as follows (pp. 23-24):

10 Check all the blocks that apply to this patient's current medical insurance status.

Medicare	Patient is currently entitled to Federal Medicare benefits.
Medicaid—	Patient is currently receiving State Medicaid benefits.
DVA—	Patient is receiving medical care from a Department of Veterans Affairs facility.
Employer Group Health Insurance	Patient receives medical benefits through an employer group health plan that covers employees, former employees, or the families of employees or former employees.
Other Medical Insurance	Patient is receiving medical benefits under a health insurance plan that is not Medicare, Medicaid, Department of Veterans Affairs nor an employer group health insurance plan. Examples of other medical insurance are Railroad Retirement and CHAMPUS beneficiaries.

11 Check the appropriate yes or no block to indicate if patient is applying for ESRD Medicare. Note: Even though a person may already be entitled to general Medicare coverage, he should re-apply for ESRD Medicare coverage. If answer is yes, enter the address of the local Social Security office (street address, city, state and zip code) where patient will be applying for beneath

Medical Insurance status is indicated by a set of six check boxes and a question on whether the patient is apply

Question 16 consists of 20 check boxes for comorbid conditions that apply currently or in the last 10 years. The physician is to check all conditions that apply. The HIV and AIDS boxes have an additional box to indicate “Can’t Disclose.” The *Instruction Manual* includes these additional definitions:

- Ischemic heart disease** includes prior coronary artery bypass (CAEG), angioplasty and diagnoses of coronary artery disease (CAD)/Coronary Heart Disease.
- Cerebrovascular Disease** includes history of stroke/cerebrovascular accident (OVA) and transient ischemic attack (TIA)
- Peripheral Vascular Disease** includes absent foot pulses prior typical claudication, amputations for vascular disease, gangrene and aortic aneurysm.
- Drug dependence** means dependent on illicit drugs.

Tables L.12 and L.15-L.19 show the percent of patients with each condition by various patient characteristics.

The 1995 revision of the Medical Evidence Form added a group of questions relating to patient height, weight, and laboratory test values. The *Instruction Manual* gives the following instructions for these questions.

13 Enter the patient's most recent recorded height in inches OR centimeters at time form k being completed. If entering height in centimeters, round to the nearest centimeter. Estimate or use last

known height for those unable to be measured. (Example of inches - 62. DO NOT PUT 5'2') NOTE: For amputee patients, enter height prior to amputation.

14 Enter the patients most recent recorded dry weight in pounds OR kilograms at time form is being completed. If entering weight in kilograms, round to the nearest kilogram. NOTE: for amputee patients enter actual dry weight.

17 If EPO (erythropoietin) was administered to this patient prior to dialysis treatments or kidney transplant, check "Yes". If EPO was not administered to this patient prior to dialysis treatments or kidney transplant, check "No".

NOTE: For those patients re-entering the Medicare program after benefits were terminated, Items 18a through 18h should contain initial laboratory values within 45 days of the most recent ESRD episode.

18a Enter the hematocrit value (%) and date test was taken. This value and data must be within 45 days prior to first dialysis treatment or transplant. If hematocrit value is not available, complete 18b. hemoglobin.

18b Enter the hemoglobin vague (g/dl) and date test was taken. This value and date must be within 45 days prior to first dialysis treatment or transplant. Enter value if hematocrit is not available.

18c Enter the serum albumin value (g/dl) and date test was taken. This value and date must be within 45 days prior to first dialysis treatment or transplant.

18d Enter the lower limit of the normal range for serum albumin (g/dl) from the laboratory which performed the serum albumin test entered in 1c.

18e Enter the serum creatinine value (mg/dl) and date test was taken. This value and date must be within 45 days prior to first dialysis treatment or transplant. THIS FIELD MUST BE COMPLETED.

NOTE: Except for diabetic and transplant patients, it has been determined by a consensus panel that the value of this field should be greater than or equal to 8.0 for a patient to receive Renal replacement therapy without further justification. If this value is less than 8.0 AND creatinine clearance is equal to or greater than 10.0 this case will be subject to ESRD Network Medical Review Board Review. In these cases, please annotate in Remarks (Item 49) additional medical evidence to support renal replacement therapy. If there is not enough room in the remarks section you may attach an additional sheet of paper.

18f If value of 18e. serum creatinine is < 8.0 mg/dl, enter creatinine clearance value (ml/min) and date test was taken. This value and date must be within 45 days prior to first dialysis treatment or transplant. If these data are not available, creatinine clearance will be computed, therefore items 13 and 14 must be completed.

18g If value of 18e. serum creatinine is < 8.0 mg/dl, enter BUN value (mg/dl) and date test was taken. This value and date must be within 45 days prior to the first dialysis treatment or transplant.

18h If value of 18e. serum creatinine is < 8.0 mg/dl and 18f. creatinine clearance is > 10.0, enter the urea clearance value (ml/min) and date test was taken. This value and date must be 45 days prior to the first dialysis treatment or transplant.

Tables L.21 to L.24 present mean values for the responses to these questions. Metric units are used for height and weight.

The 1995 revision of the Medical Evidence Form 2728 is reproduced on the following pages.

Table L.1  
 Medical Evidence (HCFA-2728) Forms by Year of Medical Certification,  
 Form Version and Form Sequence

Table L.1: Medicare forms	Form Version						For this patient, this form is
	All	Pre 1995	1995 Revision	1st Form	2nd Form	3rd or later	
All	852,515	605,580	246,935	827,595	23,936	984	
Year							
1960-1972	143	143		143			
1973	1,405	1,405		1,400	*		
1974	3,427	3,427		3,421	*		
1975	4,178	4,178		4,162	16		
1976	4,819	4,819		4,808	11		
1977	6,851	6,851		6,831	20		
1978	7,012	7,012		6,989	22	*	
1979	7,627	7,627		7,604	22	*	
1980	9,692	9,692		9,670	22		
1981	14,238	14,238		14,162	76		
1982	20,157	20,157		20,005	152		
1983	21,904	21,904		21,746	157	*	
1984	24,506	24,506		24,283	221	*	
1985	27,401	27,401		27,125	271	*	
1986	30,294	30,294		29,940	353	*	
1987	33,834	33,834		33,392	436	*	
1988	36,287	36,287		35,833	444	10	
1989	42,120	42,120		41,501	612	*	
1990	48,064	48,064		47,245	809	10	
1991	52,995	52,995		51,995	991	*	
1992	58,831	58,831		57,606	1,211	14	
1993	58,179	58,179		56,528	1,628	23	
1994	72,175	72,175		66,751	5,282	142	
1995	70,491	19,402	51,089	66,682	3,554	255	
1996	77,696	31	77,665	74,386	3,081	229	
1997	80,087	*	80,084	76,795	3,110	182	
1998 (incomplete)	38,102	*	38,097	36,592	1,424	86	

Table L.2  
 All New ESRD Patients, with or without a Medical Evidence Form (HCFA-2728)  
 by Year of First ESRD Service, and Presence and Version of First HCFA-2728,  
 Source of Date of First ESRD Service, and Medicare Entitlement

Year	All	Perce- nt	Form Version of First HCFA- 2728 (if any)	Source of date of first ESRD service	Has Patient Ever Been Medicare Entitled?	Patients Used in Remaini ng, Sect. L					
			All 2728	No form Pre 1995	Revision 1995	Claims Medicare	HCFA-2728 Transpla- nt Record	No	Yes	Table	
All	906,274	8.7%	78,574	591,343	236,357	124,485	759,367	22,422	34,645	871,629	233,809
1960-1972	662	5.0%	33	578	51	234	428	*	653		
1973	3,346	.93%	31	3,301	14	3,225	121	*	3,343		
1974	4,124	.75%	31	4,086	*	4,014	110	*	4,122		
1975	5,120	.84%	43	5,066	11	4,982	138	*	5,120		
1976	5,766	.57%	33	5,721	12	5,624	142	*	5,765		
1977	21,631	.61%	13,104	8,475	52	14,903	6,354	374	*	21,629	
1978	14,359	.41%	5,947	8,383	29	7,665	6,324	370	*	14,355	
1979	16,158	.42%	6,815	9,292	51	9,024	6,733	401	*	16,154	
1980	17,266	.37%	6,445	10,757	64	8,789	8,068	409	*	17,260	
1981	19,382	.18%	3,476	15,854	52	5,257	13,710	415	*	19,378	
1982	21,878	.64%	1,406	20,433	39	1,853	19,546	479	10	21,868	
1983	25,311	.11%	2,799	22,468	44	3,924	20,935	452	*	25,304	
1984	26,400	.54%	1,432	24,928	40	3,045	22,863	492	10	26,390	
1985	29,055	.45%	1,293	27,719	43	2,937	25,535	583	16	29,039	
1986	31,678	.51%	1,601	30,004	73	3,661	27,225	792	25	31,653	
1987	34,775	.45%	1,558	33,120	97	3,819	30,029	927	50	34,725	
1988	38,433	.58%	2,221	36,104	108	4,614	32,642	1,177	231	38,202	
1989	44,449	.63%	2,794	41,533	122	5,859	37,330	1,260	239	44,210	
1990	47,872	.55%	2,640	45,094	138	6,479	40,073	1,320	240	47,632	
1991	52,413	.38%	2,001	50,277	135	4,662	46,363	1,388	349	52,064	
1992	57,610	.36%	2,070	55,398	142	4,427	51,812	1,371	518	57,092	
1993	59,378	.92%	5,466	53,708	204	8,110	49,768	1,500	843	58,535	
1994	67,743	.52%	3,550	63,719	474	6,365	59,596	1,782	3,913	63,830	168
1995	72,960	.55%	4,029	14,996	53,935	6,896	64,233	1,831	5,594	67,366	53,538
1996	76,714	.32%	2,448	237	74,029	5,177	69,793	1,744	7,193	69,521	73,775
1997	80,249	.54%	4,308	73	75,868	6,232	72,355	1,662	10,028	70,221	75,805
1998											
(incomplete)	31,542	.32%	1,000	19	30,523	787	30,001	754	5,344	26,198	30,523



Table L.3  
 All New ESRD Patients, with or without a Medical Evidence Form (HCFA-2728)  
 by Year of First ESRD Service and Race Reported on First HCFA-2728

Race From First HCFA-2728													
By race from HCFA-2728	All	Missing	Native American	Islander	Black	White	Unknown	Islander	Arabian	inent	cial	2728	%
All	906,274	79,113	9,487	15,832	218,068	487,455	7,142	1,863	626	1,207	6,907	78,574	
Year													
1960-1972	662	34	*	*	130	444	*			*	*	33	
1973	3,346	2,849	*	*	111	338	*					31	
1974	4,124	3,500	*	*	131	438	*					31	
1975	5,120	4,391	*	*	175	485	12				*	43	
1976	5,766	4,970	*	10	197	534	12				*	33	
1977	21,631	6,836	16	24	420	1,204	25	*			*	13,104	
1978	14,359	6,799	29	27	419	1,115	22				*	5,947	
1979	16,158	7,284	31	34	531	1,433	26	*			*	6,815	
1980	17,266	8,198	50	44	726	1,760	41				*	6,445	
1981	19,382	8,066	113	123	2,219	5,297	88					3,476	
1982	21,878	679	187	301	5,445	13,648	212					1,406	
1983	25,311	469	260	315	6,329	14,839	296		*		*	2,799	
1984	26,400	468	261	370	6,972	16,404	492				*	1,432	
1985	29,055	599	269	490	7,674	18,240	489				*	1,293	
1986	31,678	991	321	492	8,117	19,509	644	*		*	*	1,601	
1987	34,775	1,332	346	545	9,011	21,203	774	*	*		*	1,558	
1988	38,433	1,799	447	622	9,826	22,846	669			*	*	2,221	
1989	44,449	2,200	516	790	11,649	26,424	72	*			*	2,794	
1990	47,872	2,356	549	970	12,353	28,919	81		*		*	2,640	
1991	52,413	2,658	588	1,037	14,031	31,998	97		*		*	2,001	
1992	57,610	2,889	717	1,181	15,633	35,025	91			*	*	2,070	
1993	59,378	3,586	571	1,223	15,104	33,294	123	*	*	*	*	5,466	
1994	67,743	5,544	636	1,451	17,808	37,904	820	*	*	*	22	3,550	
1995	72,960	385	1,111	1,703	20,293	42,049	877	492	169	151	1,701	4,029	
1996	76,714	153	1,248	1,791	22,038	45,148	570	560	180	464	2,114	2,448	
1997	80,249	59	863	1,663	21,631	47,836	482	531	182	514	2,180	4,308	
1998													
(incomplete)	31,542	19	324	597	9,095	19,121	108	268	81	70	859	1,000	

Table L.4  
 Earliest Known Modality by Earliest Treatment Setting  
 and Year of First Service Date, May 1995-June 1998  
 Based on 1995 HCFA Form 2728

		Year of First Service				
		1995	1996	1997	1998	
		Patients	Patients	Patients	Patients	
Primary Modality		Total	38185,	63676,	66925,	27415,
Hemodialysis	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	1806,	2876,	1955,	545,	
	Dialysis Facility	35849,	59046,	64706,	26794,	
	Home	528,	1753,	259,	76,	
	Unknown	*	*	*	*	
IPD		Total	134,	156,	103,	34,
CAPD	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	15,	25,	*	*	
	Dialysis Facility	83,	94,	75,	28,	
	Home	36,	37,	21,	*	
	Unknown	*	*	*	*	
CCPD	Total	5054,	6945,	5946,	2039,	
	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	93,	148,	48,	*	
	Dialysis Facility	926,	1063,	819,	273,	
	Home	4035,	5733,	5078,	1761,	
Other	Total	1519,	2452,	2226,	842,	
	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	45,	106,	*	*	
	Dialysis Facility	215,	301,	262,	94,	
	Home	1259,	2045,	1958,	742,	
Unknown	Total	*	*	*	*	
	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	*	*	*	*	
	Dialysis Facility	*	*	*	*	
	Home	*	*	*	*	
Transplant	Total	39,	42,	47,	*	
	Primary Dialysis Setting, (Q21)					
	Hospital Inpatient	*	*	*	*	
	Dialysis Facility	29,	30,	36,	*	
	Home	*	*	*	*	
Unknown	*	*	*	*		

Based on Medical Evidence Forms certified within 12 months of first service.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 "." Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L.5 Counts by 5 Yr Age Grps., Sex, Hispanic Ethnicity and Race	Year of First Service				
	Total	1995	1996	1997	1998
Total	226992	45638	74412	76312	30630
Age at first service (5-yr grps)					
0- 4	480	100	168	170	42
5- 9	375	90	131	122	32
10- 14	707	156	232	252	67
15- 19	1492	358	530	447	157
20- 24	2760	634	986	794	346
25- 29	4663	1032	1610	1440	581
30- 34	6894	1592	2360	2090	852
35- 39	9382	2055	3271	2891	1165
40- 44	12062	2634	4166	3726	1536
45- 49	15107	3162	5142	4776	2027
50- 54	17272	3525	5642	5712	2393
55- 59	20282	4166	6617	6703	2796
60- 64	24898	5173	8228	8323	3174
65- 69	30640	6086	9891	10539	4124
70- 74	31769	6110	10357	11014	4288
75- 79	25803	4785	8139	9132	3747
80- 84	15385	2770	4781	5612	2222
85 plus	7021	1210	2161	2569	1081
Sex (Q07)					
Female	106123	21586	34594	35767	14176
Male	120869	24052	39818	40545	16454
Hispanic Ethnicity (Q8)					
His sp: Mex	15340	3252	5235	4912	1941
His sp: Other	10022	1996	3215	3433	1378
Non- His sp	200691	40093	65665	67730	27203
Unknown	939	297	297	237	108
Race (Q9)					
American Indian/Alaskan Native	3254	798	1263	868	325
Asian	5152	1087	1797	1670	598
Black	66417	13454	22083	21748	9132
White	140529	27845	45375	48124	19185
Unknown	1522	361	570	483	108
Pacific Islander	1780	416	561	533	270
MidEast	577	136	178	182	81
Indian SubCo	1177	126	465	515	71
Other/Multi-racial	6584	1415	2120	2189	860

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 The number in parenthesis following each characteristic corresponds to the question number on HCFA Form 2728.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 "." Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

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    -----+-----
    Table L.6                                     Hispanic Ethnicity (Q8)
    Counts by Hispanic Ethnicity and ESRD Network
    Network                                     Total      Hi sp: Mex  Hi sp Other  Non-Hi sp  Unknown
    -----+-----+-----+-----+-----+-----%
    Total                                     226992,    15340,     10022,     200691,    939,
    Network number (Q55)
    (01 CT) Net. of New England                9269,      30,        401,       8456,      382,
    (02 NY) Net. of N.Y.                      16684,     71,        1770,     14779,     64,
    (03 NJ) Trans-Atlantic R. C.              11035,     56,        3321,     7545,     113,
    (04 PA) ESRD Net. Org. #4                 12348,     20,        200,      12128,     ,
    (05 VA) Mid Atlantic R. C.                14127,     21,        148,     13950,     *,
    (06 NC) Southeastern Kidney Council       18184,     984,       103,     17097,     ,
    (07 FL) ESRD Net. of Florida              13762,     104,       1331,     12313,     14,
    (08 MS) Network 8                         12371,     12,        20,      12338,     *,
    (09 IN) Tri-state R. N.                   16537,     112,       54,      16314,     57,
    (10 IL) Renal Net. of Illinois            10140,     464,       187,     9457,     32,
    (11 MN) Renal Net. of upper midwest       15523,     237,       114,     15172,     ,
    (12 MD) ESRD net. #12                     9449,     240,       34,      9121,     54,
    (13 OK) ESRD net. #13                     9728,     52,        72,     9602,     *,
    (14 TX) Net. of Texas                     16564,     5371,      498,     10691,     *,
    (15 CO) Inter-mountain ESRD net.          9106,     1509,      616,     6977,     *,
    (16 WA) Northwest Renal Net.             6033,     233,       57,     5743,     ,
    (17 N-CA) Trans-pacific ESRD Net.        10515,     1485,      345,     8485,     200,
    (18 S-CA) Southern California Net.       15617,     4339,      751,     10523,     *,
    -----+-----+-----+-----+-----+-----
    
```

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 The number in parenthesis following each characteristic corresponds to the question number on HCFA Form 2728.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 "." Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L.7 Counts by Employment Status	Year of First Service				
	Total	1995	1996	1997	1998
Total	226992	45638	74412	76312	30630
Current employment status (Q15)					
Missing	9299	2251	3272	2734	1042
Unemployed	46516	10148	15727	14963	5678
Emp full-time	18943	3854	6314	6155	2620
Emp pt-time	4183	910	1391	1312	570
Homemaker	14170	3014	4703	4690	1763
Ret-age	83609	15267	26401	29798	12143
Ret-disab	40781	7935	13265	13926	5655
Med LOA	6939	1672	2454	1920	893
Student	2552	587	885	814	266
Previous employment status (Q15)					
Missing	21991	5161	7493	6755	2582
Unemployed	36826	7824	12419	12118	4465
Emp full-time	32014	7071	10847	9835	4261
Emp pt-time	5532	1251	1876	1661	744
Homemaker	14190	3031	4701	4689	1769
Ret-age	78059	14007	24565	28007	11480
Ret-disab	34655	6455	11209	12075	4916
Med LOA	1212	279	437	352	144
Student	2513	559	865	820	269

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 The number in parenthesis following each characteristic corresponds to the question number on HCFA Form 2728.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 ". " Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

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    -----+-----
    Table L. 8      ,      Year of First Service      ,
    Percent Race and Hispanic Ethnicity  %-----%-----%-----%-----%
    ,      1995      ,      1996      ,      1997      ,      1998      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    Race (Q9)
    American Indian/Alaskan Native      ,      1. 7%      ,      1. 7%      ,      1. 1%      ,      1. 1%      ,
    Asian      ,      2. 4%      ,      2. 4%      ,      2. 2%      ,      2. 0%      ,
    Black      ,      29. 5%      ,      29. 7%      ,      28. 5%      ,      29. 8%      ,
    White      ,      61. 0%      ,      61. 0%      ,      63. 1%      ,      62. 6%      ,
    Unknown      ,      0. 8%      ,      0. 8%      ,      0. 6%      ,      0. 4%      ,
    Pacific Islander      ,      0. 9%      ,      0. 8%      ,      0. 7%      ,      0. 9%      ,
    MidEast      ,      0. 3%      ,      0. 2%      ,      0. 2%      ,      0. 3%      ,
    Indian SubCo      ,      0. 3%      ,      0. 6%      ,      0. 7%      ,      0. 2%      ,
    Other/Multi-racial      ,      3. 1%      ,      2. 8%      ,      2. 9%      ,      2. 8%      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    Hispanic Ethnicity (Q8)
    Hisp: Mex      ,      7. 1%      ,      7. 0%      ,      6. 4%      ,      6. 3%      ,
    Hisp Other      ,      4. 4%      ,      4. 3%      ,      4. 5%      ,      4. 5%      ,
    Non-Hisp      ,      87. 9%      ,      88. 2%      ,      88. 8%      ,      88. 8%      ,
    Unknown      ,      0. 7%      ,      0. 4%      ,      0. 3%      ,      0. 4%      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    
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    -----+-----
    Table L. 9      ,      Year of First Service      ,
    Percent Diabetic by Race and Hispanic Ethnicity  %-----%-----%-----%-----%
    ,      1995      ,      1996      ,      1997      ,      1998      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    ,      %      ,      %      ,      %      ,      %      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    Diabetic, Diabetic, Diabetic, Diabetic,
    Race (Q9)
    American Indian/Alaskan Native      ,      62. 0%      ,      62. 6%      ,      74. 3%      ,      72. 6%      ,
    Asian      ,      39. 5%      ,      43. 9%      ,      43. 8%      ,      41. 5%      ,
    Black      ,      40. 9%      ,      42. 2%      ,      43. 6%      ,      43. 9%      ,
    White      ,      41. 7%      ,      42. 4%      ,      43. 4%      ,      43. 7%      ,
    Unknown      ,      47. 9%      ,      44. 2%      ,      48. 9%      ,      47. 2%      ,
    Pacific Islander      ,      57. 0%      ,      53. 3%      ,      55. 9%      ,      62. 6%      ,
    MidEast      ,      33. 8%      ,      30. 3%      ,      39. 0%      ,      45. 7%      ,
    Indian SubCo      ,      40. 5%      ,      59. 6%      ,      53. 6%      ,      46. 5%      ,
    Other/Multi-racial      ,      53. 4%      ,      56. 7%      ,      56. 7%      ,      57. 3%      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    Hispanic Ethnicity (Q8)
    Hisp: Mex      ,      61. 7%      ,      62. 3%      ,      66. 9%      ,      65. 7%      ,
    Hisp Other      ,      49. 9%      ,      52. 6%      ,      53. 8%      ,      54. 6%      ,
    Non-Hisp      ,      40. 3%      ,      41. 3%      ,      42. 3%      ,      42. 6%      ,
    Unknown      ,      42. 1%      ,      44. 1%      ,      40. 1%      ,      38. 0%      ,
    -----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
    
```

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 The number in parenthesis following each characteristic corresponds to the question number on HCFA Form 2728.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 " ." Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L. 10	Year of First Service				
	Total	1995	1996	1997	1998
Counts by Insurance Payor					
Total	226992	45638	74412	76312	30630
Medi caid coverage (Q10a)					
Unknown	26	*	17		
No	172790	34529	56726	58087	23448
Yes	54176	11100	17669	18225	7182
DVA coverage (Q10b)					
Unknown	26	*	17		
No	224172	44965	73430	75465	30312
Yes	2794	664	965	847	318
Medi care coverage (Q10c)					
Unknown	26	*	17		
No	102954	22016	34614	32941	13383
Yes	124012	23613	39781	43371	17247
Employer group health insurance (Q10d)					
Unknown	26	*	17		
No	173008	34250	56520	58723	23515
Yes	53958	11379	17875	17589	7115
Other medical insurance (Q10e)					
Unknown	26	*	17		
No	156117	32594	51227	51481	20815
Yes	70849	13035	23168	24831	9815
No medical insurance (Q10f)					
Unknown	26	*	17		
No	210699	42018	68832	71300	28549
Yes	16267	3611	5563	5012	2081
Patient applying for medi care (Q11)					
Unknown	274	51	106	53	64
No	36593	7177	11498	12692	5226
Yes	190125	38410	62808	63567	25340

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 The number in parenthesis following each characteristic corresponds to the question number on HCFA Form 2728.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 ". " Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L.11 Counts by Primary Disease Causing ESRD	Year of First Service			
	1995	1996	1997	1998
Total	45638	74412	76312	30630
Detailed Primary Disease Causing ESRD				
.0429A : AIDS nephropathy	662	846	742	326
.1890B : Renal tumor (malignant)	161	224	256	111
.1899A : Urinary tract tumor (malignant)	64	95	94	43
.20280A : Lymphoma of kidneys	20	23	34	12
.2030A : Multiple myeloma	402	665	677	292
.2030B : Light chain nephropathy	60	87	92	31
.2230A : Renal tumor (benign)	*	*	*	*
.2239A : Urinary tract tumor (benign)	*	*	*	*
.2395A : Renal tumor (unspecified)	11	14	23	*
.2395B : Urinary tract tumor (unspecified)	*	*	13	*
.25000A : Type II, adult-onset type or unspecified, type diabet	15213	26201	28639	11847
.25001A : Type I, juvenile type ketosis prone, diabetes	4083	6013	5210	1804
.2700A : Cystinosis	*	*	13	*
.2718B : Primary oxalosis	*	10	15	*
.2727A : Fabrys disease	*	18	12	*
.27410A : Gouty nephropathy	27	37	50	16
.2754A : Nephrocalcinosis	50	58	57	20
.2773A : Amyloidosis	145	238	241	84
.28260A : Sickle cell disease/anemia	52	76	72	30
.28269A : Sickle cell trait and other sickle cell, (HbS/Hb othe	*	*	*	*
.2831A : Hemolytic uremic syndrome	94	153	136	49
.2870A : Henoch-Schonlein syndrome	23	39	21	14
.4039D : Renal disease due to hypertension (no primary renal	10354	17045	17724	7215
.4401A : Renal artery stenosis	652	1063	1162	462
.4460C : Polyarteritis	32	37	45	26
.4462A : Vasculitis and its derivatives	115	222	205	68
.4464B : Wegeners granulomatosis	121	213	210	82
.5724A : Hepatorenal syndrome	63	109	127	36
.5800C : Post infectious GN, SBE	50	65	63	29
.5804B : Rapidly progressive GN	200	377	298	125
.58089A : Acute interstitial nephritis	87	118	122	68
.5820A : Other proliferative GN	143	251	238	92
.5821A : Focal glomerulosclerosis, focal, sclerosing GN	1149	1827	1717	721
.5829A : Glomerulonephritis (GN)	2722	4032	3806	1451
.5830B : Radiation nephritis	15	35	30	*
.5831A : Membranous nephropathy	236	401	400	148
.5832A : Membranoproliferative GN type 1, diffuse, MPGN	163	331	285	123
.5832C : Dense deposit disease, MPGN type 2	21	27	26	16
.5834C : Goodpastures Syndrome	69	91	96	29
.5836A : Tubular necrosis (no recovery)	490	890	1019	386
.58381B : IgA nephropathy, Bergers disease	366	606	567	229
.58381C : IgM nephropathy	56	50	51	26
.58389B : Chronic interstitial nephritis	629	906	765	324
.5839B : Secondary GN, other	61	86	76	34

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 ". " Represents missing values, i.e., a count of zero.



Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L.11 (Continued)	Year of First Service			
	1995	1996	1997	1998
Counts by Primary Disease Causing ESRD				%
Detailed Primary Disease Causing ESRD				%
5839C : Nephropathy due to heroin abuse and related drugs	40,	72,	52,	20,
5839D : Drash syndrome, mesangial sclerosis	*	*	10,	*
5900A : Chronic pyelonephritis, reflux nephropathy	324,	488,	452,	159,
5909A : Nephropathy caused by other agents	249,	323,	355,	144,
5920C : Nephrolithiasis	106,	166,	136,	63,
5929B : Urolithiasis	17,	38,	37,	11,
59381B : Renal artery occlusion	261,	481,	497,	174,
59381E : Cholesterol emboli, renal emboli	491,	789,	909,	318,
59389A : Other renal disorders	449,	649,	805,	274,
5996A : Acquired obstructive uropathy	442,	814,	793,	330,
64620A : Post partum renal failure	*	12,	15,	*
7100E : Lupus erythematosus, (SLE nephritis)	586,	913,	888,	358,
7101B : Scleroderma	110,	176,	157,	58,
7530B : Renal hypoplasia, dysplasia, oligonephronia	91,	162,	145,	38,
75313A : Polycystic kidneys, adult type (dominant)	1177,	1743,	1741,	695,
75314A : Polycystic, infantile (recessive)	22,	43,	40,	21,
75316A : Medullary cystic disease, including nephronophthisis	35,	48,	35,	15,
7532A : Congenital obstructive uropathy	148,	223,	210,	59,
7533A : Congenital nephrotic syndrome	37,	46,	42,	18,
7567A : Prune belly syndrome	20,	26,	24,	*
7595A : Tuberous sclerosis	17,	29,	24,	17,
7598A : Hereditary nephritis, Alports syndrome	83,	143,	128,	64,
7598B : Hereditary/familial nephropathy	49,	69,	45,	15,
7999A : Etiology uncertain	1748,	2972,	2968,	1217,
8660A : Traumatic or surgical loss of kidney(s)	59,	107,	69,	38,
9659A : Analgesic abuse	121,	181,	184,	72,
9849A : Lead nephropathy	12,	17,	19,	*
99680A : Complication post bone marrow or other transplant	37,	64,	82,	25,

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 ". " Represents missing values, i.e., a count of zero.

Table L.5-L.12  
 Characteristics of Incident Patients  
 Based on 1995 HCFA Form 2728  
 by Year of First Service Date, May 1995-June 1998

Table L.12 Percent of Patients with Co-Morbid Conditions	Year of First Service			
	1995	1996	1997	1998
PATIENTS	45,638	74,412	76,312	30,630
Congestive heart failure	31.0%	32.6%	34.3%	34.1%
Ischemic heart disease/CAD	21.5%	22.7%	24.8%	24.2%
Myocardial infarction	8.5%	8.8%	9.3%	8.9%
Cardiac arrest	1.0%	1.0%	0.9%	0.8%
Cardiac dysrhythmia	5.4%	5.7%	6.1%	6.0%
Pericarditis	1.5%	1.2%	1.1%	1.0%
Cerebrovascular disease/CVA/TIA	8.0%	8.8%	9.6%	9.2%
Peripheral vascular disease	13.9%	14.4%	15.4%	15.1%
History of hypertension	67.4%	71.2%	73.5%	75.1%
Diabetes prim /contrib.	36.0%	38.3%	40.3%	40.9%
Diabetes on insulin	22.4%	23.4%	24.0%	23.8%
Chronic obstructive pulm dis.	6.7%	6.9%	7.3%	7.4%
Current smoker/tobacco use	5.9%	5.8%	5.4%	5.4%
Malignant neoplasm/cancer	4.8%	4.8%	5.2%	5.2%
Alcohol dependence	1.8%	1.9%	1.6%	1.5%
Drug dependence	1.1%	1.2%	1.0%	1.1%
AIDS	0.6%	0.5%	0.5%	0.5%
HIV	0.9%	0.8%	0.7%	0.8%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.  
 \* Values for cells with fewer than 10 patients are suppressed.  
 ". " Represents missing values, i.e., a count of zero.

Table L.13-L.14  
 Employment Status Among All ESRD Patients by Sex, Age 20-64 and Year of First Service as Reported on HCFA Form 2728, May 1995-June 1998

Current Employment Status		Year of First Service			
		1995	1996	1997	1998
SEX					
Female					
	PATIENTS	10285.00	16207.00	15605.00	6276.00
	Unemployed	36.1%	35.0%	34.4%	32.1%
	Employed*	13.9%	14.1%	13.9%	15.2%
	Retired-Age	4.7%	4.9%	5.8%	5.9%
	Retired-Disab	20.2%	22.8%	24.9%	25.6%
	Medical LOA	6.0%	5.4%	4.7%	5.3%
	Student	0.7%	0.6%	0.5%	0.5%
	Homemaker	13.2%	12.7%	12.4%	11.7%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	5.2%	4.5%	3.5%	3.7%
Male					
	PATIENTS	12586	20035	19058	7900
	Unemployed	31.0%	29.8%	28.5%	28.0%
	Employed*	22.1%	22.6%	23.0%	23.5%
	Retired-Age	6.1%	6.1%	6.8%	6.1%
	Retired-Disab	27.8%	29.2%	31.9%	31.9%
	Medical LOA	7.4%	6.9%	5.4%	6.2%
	Student	0.6%	0.6%	0.5%	0.6%
	Homemaker	0.2%	0.1%	0.1%	0.1%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	4.8%	4.6%	3.7%	3.7%
AGE GROUP					
20-44					
	PATIENTS	7947	12393	10941	4480
	Unemployed	42.4%	40.4%	41.1%	39.0%
	Employed*	24.0%	25.0%	26.1%	27.0%
	Retired-Age	0.5%	0.4%	0.4%	0.5%
	Retired-Disab	14.9%	16.0%	16.7%	17.3%
	Medical LOA	8.6%	8.3%	7.0%	7.5%
	Student	1.5%	1.5%	1.4%	1.7%
	Homemaker	3.6%	3.9%	3.8%	3.8%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	4.5%	4.4%	3.4%	3.2%
45-64					
	PATIENTS	14924	23849	23722	9696
	Unemployed	28.4%	27.8%	26.6%	25.5%
	Employed*	15.5%	15.6%	15.6%	16.5%
	Retired-Age	8.2%	8.2%	9.1%	8.5%
	Retired-Disab	29.4%	31.7%	34.3%	34.5%
	Medical LOA	5.8%	5.2%	4.2%	5.0%
	Student	0.2%	0.1%	0.1%	0.1%
	Homemaker	7.3%	6.7%	6.5%	5.9%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	5.3%	4.6%	3.7%	4.0%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.

\*Includes part-time and full-time employment.

Age is computed using birthdate and date of first service.

Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this employment status.

Table L.13-L.14  
 Employment Status Among All ESRD Patients by Sex, Age 20-64 and Year of First Service as Reported on HCFA Form 2728, May 1995-June 1998

Previous Employment Status		Year of First Service			
		1995	1996	1997	1998
SEX					
Female					
	PATIENTS	10285	16207	15605	6276
	Unemployed	28.7%	28.6%	28.6%	25.9%
	Employed*	25.0%	24.0%	22.3%	24.7%
	Retired-Age	4.2%	4.4%	5.3%	5.4%
	Retired-Disab	16.3%	19.1%	21.4%	22.1%
	Medical LOA	0.8%	1.0%	0.8%	0.9%
	Student	0.7%	0.6%	0.5%	0.6%
	Homemaker	13.0%	12.4%	12.3%	11.6%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	11.3%	9.9%	8.8%	8.9%
Male					
	PATIENTS	12586	20035	19058	7900
	Unemployed	21.9%	21.9%	21.4%	20.6%
	Employed*	37.1%	36.1%	33.9%	35.5%
	Retired-Age	5.2%	5.5%	6.1%	5.8%
	Retired-Disab	22.5%	24.3%	27.6%	27.6%
	Medical LOA	1.3%	1.2%	1.0%	0.9%
	Student	0.6%	0.6%	0.6%	0.6%
	Homemaker	0.1%	0.1%	0.1%	0.1%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	11.2%	10.3%	9.3%	8.7%
AGE GROUP					
20-44					
	PATIENTS	7947	12393	10941	4480
	Unemployed	29.8%	30.3%	31.3%	28.6%
	Employed*	41.1%	40.5%	39.1%	42.1%
	Retired-Age	0.4%	0.3%	0.4%	0.4%
	Retired-Disab	11.6%	12.5%	13.9%	14.3%
	Medical LOA	1.0%	1.3%	1.0%	0.8%
	Student	1.6%	1.7%	1.6%	1.8%
	Homemaker	3.5%	3.6%	3.6%	3.7%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	11.1%	9.9%	9.2%	8.3%
45-64					
	PATIENTS	14924	23849	23722	9696
	Unemployed	22.4%	22.1%	21.6%	20.4%
	Employed*	26.7%	25.5%	23.9%	25.5%
	Retired-Age	7.1%	7.4%	8.3%	8.0%
	Retired-Disab	24.0%	26.9%	29.8%	30.2%
	Medical LOA	1.1%	1.0%	0.9%	1.0%
	Student	0.1%	0.1%	0.1%	0.1%
	Homemaker	7.3%	6.7%	6.5%	5.9%
	Other	0.0%	0.0%	0.0%	0.0%
	Status missing	11.3%	10.3%	9.1%	9.0%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 \*Includes part-time and full-time employment.  
 Age is computed using birthdate and date of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this employment status.

Table L.15  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality and Year of First Service, May 1995-June 1998

Primary Modality Dialysis

	Year of First Service			
	§ %			
	1995	1996	1997	1998
PATIENTS	44892	73229	75200	30330
Congestive heart failure	31.5%	33.1%	34.7%	34.5%
Ischemic heart disease/CAD	21.8%	23.1%	25.1%	24.4%
Myocardial infarction	8.6%	9.0%	9.4%	9.0%
Cardiac arrest	1.1%	1.1%	0.9%	0.8%
Cardiac dysrhythmia	5.5%	5.8%	6.2%	6.0%
Pericarditis	1.5%	1.2%	1.1%	1.0%
Cerebrovascular disease/CVA/TIA	8.1%	8.9%	9.7%	9.3%
Peripheral vascular disease	14.1%	14.6%	15.6%	15.2%
History of hypertension	67.5%	71.3%	73.7%	75.1%
Diabetes prim /contrib.	36.2%	38.6%	40.6%	41.1%
Diabetes on insulin	22.4%	23.4%	24.1%	23.9%
Chronic obstructive pulm dis.	6.8%	7.0%	7.4%	7.5%
Current smoker/tobacco use	5.9%	5.9%	5.5%	5.4%
Malignant neoplasm/cancer	4.9%	4.8%	5.2%	5.2%
Alcohol dependence	1.9%	1.9%	1.6%	1.5%
Drug dependence	1.1%	1.2%	1.0%	1.1%
Inability to transfer	1.8%	1.7%	1.7%	1.5%
Inability to ambulate	5.1%	4.9%	4.6%	4.1%
No comorbidities reported	28.9%	27.3%	25.6%	26.0%

Primary Modality Transplant

	Year of First Service			
	§ %			
	1995	1996	1997	1998
PATIENTS	743	1172	1108	300
Congestive heart failure	1.6%	1.5%	2.1%	1.3%
Ischemic heart disease/CAD	3.0%	3.4%	4.2%	4.0%
Myocardial infarction	1.3%	1.5%	1.4%	2.0%
Cardiac arrest	0.1%	0.5%	0.3%	0.0%
Cardiac dysrhythmia	0.4%	1.5%	0.5%	0.7%
Pericarditis	0.3%	0.3%	0.5%	0.0%
Cerebrovascular disease/CVA/TIA	1.2%	1.4%	1.2%	2.3%
Peripheral vascular disease	3.1%	3.1%	1.3%	5.0%
History of hypertension	59.4%	61.8%	60.2%	70.3%
Diabetes prim /contrib.	23.3%	22.4%	21.1%	21.0%
Diabetes on insulin	21.4%	20.6%	18.3%	17.3%
Chronic obstructive pulm dis.	0.9%	0.7%	1.0%	0.3%
Current smoker/tobacco use	4.6%	4.3%	2.2%	3.0%
Malignant neoplasm/cancer	0.5%	0.5%	0.5%	0.7%
Alcohol dependence	0.4%	0.8%	0.5%	0.7%
Drug dependence	0.0%	0.1%	0.1%	0.0%
Inability to transfer	0.3%	0.0%	0.1%	0.3%
Inability to ambulate	0.3%	0.4%	0.5%	0.3%
No comorbidities reported	66.1%	65.0%	69.6%	72.3%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.16  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Age, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Age Group					
Missing	PATIENTS	16,	38,	75,	33,
	Congestive heart failure	43.8%	39.5%	37.3%	42.4%
	Ischemic heart disease/CAD	18.8%	34.2%	17.3%	18.2%
	Myocardial infarction	0.0%	5.3%	6.7%	0.0%
	Cardiac arrest	0.0%	0.0%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	10.5%	6.7%	3.0%
	Pericarditis	0.0%	0.0%	4.0%	3.0%
	Cerebrovascular disease/CVA/TIA	6.3%	5.3%	9.3%	9.1%
	Peripheral vascular disease	0.0%	15.8%	6.7%	6.1%
	History of hypertension	50.0%	57.9%	70.7%	66.7%
	Diabetes prim/contrib.	31.3%	15.8%	10.7%	24.2%
	Diabetes on insulin	12.5%	2.6%	5.3%	9.1%
	Chronic obstructive pulmonary dis.	0.0%	2.6%	0.0%	9.1%
	Current smoker/tobacco use	0.0%	0.0%	1.3%	0.0%
	Malignant neoplasm/cancer	0.0%	10.5%	9.3%	3.0%
	Alcohol dependence	0.0%	2.6%	0.0%	0.0%
	Drug dependence	0.0%	0.0%	0.0%	0.0%
	Inability to transfer	0.0%	2.6%	8.0%	6.1%
	Inability to ambulate	0.0%	7.9%	16.0%	9.1%
	No comorbidities reported	37.5%	34.2%	36.0%	30.3%
0-19	PATIENTS	592,	900,	835,	273,
	Congestive heart failure	3.5%	4.7%	4.7%	3.3%
	Ischemic heart disease/CAD	0.8%	0.8%	0.8%	0.0%
	Myocardial infarction	0.2%	0.1%	0.1%	0.0%
	Cardiac arrest	0.5%	0.0%	0.4%	0.4%
	Cardiac dysrhythmia	0.3%	0.7%	0.8%	0.4%
	Pericarditis	1.0%	1.1%	1.4%	1.5%
	Cerebrovascular disease/CVA/TIA	0.5%	1.1%	1.1%	0.7%
	Peripheral vascular disease	1.5%	0.9%	0.2%	0.7%
	History of hypertension	38.0%	40.2%	39.2%	42.5%
	Diabetes prim/contrib.	3.7%	2.1%	2.3%	2.2%
	Diabetes on insulin	1.9%	1.0%	1.8%	2.2%
	Chronic obstructive pulmonary dis.	0.7%	0.3%	0.2%	0.4%
	Current smoker/tobacco use	0.5%	1.1%	0.8%	1.8%
	Malignant neoplasm/cancer	1.4%	0.9%	0.8%	0.0%
	Alcohol dependence	0.2%	0.0%	0.0%	0.0%
	Drug dependence	0.2%	0.0%	0.4%	0.4%
	Inability to transfer	1.4%	1.3%	0.7%	0.4%
	Inability to ambulate	2.4%	2.7%	2.0%	1.5%
	No comorbidities reported	86.3%	86.4%	86.5%	88.3%
20-44	PATIENTS	7572,	11839,	10429,	4329,
	Congestive heart failure	11.8%	12.6%	12.9%	12.8%
	Ischemic heart disease/CAD	4.3%	4.0%	4.6%	4.1%
	Myocardial infarction	1.9%	1.7%	2.0%	1.7%
	Cardiac arrest	0.3%	0.3%	0.3%	0.3%
	Cardiac dysrhythmia	1.0%	1.0%	1.0%	1.0%
	Pericarditis	1.6%	1.4%	1.5%	1.6%
	Cerebrovascular disease/CVA/TIA	2.2%	2.7%	2.6%	3.3%
	Peripheral vascular disease	4.5%	4.1%	4.7%	4.2%
	History of hypertension	63.8%	68.6%	70.3%	72.4%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.16 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Age, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Age Group					
, 20-44	Diabetes prim./contrib.	23.7%	25.4%	27.4%	25.9%
	Diabetes on insulin	21.7%	22.3%	23.6%	21.6%
	Chronic obstructive pulm. dis.	1.3%	1.1%	1.3%	1.6%
	Current smoker/tobacco use	8.3%	8.4%	8.8%	8.6%
	Malignant neoplasm/cancer	1.3%	1.2%	1.2%	1.4%
	Alcohol dependence	2.9%	3.0%	2.8%	2.4%
	Drug dependence	4.4%	4.5%	4.5%	4.3%
	Inability to transfer	0.6%	0.7%	0.6%	0.4%
	Inability to ambulate	2.2%	1.9%	2.2%	1.4%
	No comorbidities reported	50.3%	50.4%	49.0%	51.2%
, 45-64 PATIENTS		15781,	25190,	25111,	10273,
, 45-64	Congestive heart failure	28.7%	30.2%	31.0%	30.5%
	Ischemic heart disease/CAD	18.7%	19.6%	20.6%	20.3%
	Myocardial infarction	7.5%	8.0%	8.1%	7.7%
	Cardiac arrest	1.1%	1.0%	0.8%	0.8%
	Cardiac dysrhythmia	3.6%	3.7%	3.9%	3.6%
	Pericarditis	1.7%	1.3%	1.1%	1.1%
	Cerebrovascular disease/CVA/TIA	7.7%	8.0%	8.7%	7.6%
	Peripheral vascular disease	13.4%	13.6%	14.5%	13.9%
	History of hypertension	69.4%	72.9%	75.8%	76.5%
	Diabetes prim./contrib.	43.1%	46.7%	48.8%	48.5%
	Diabetes on insulin	28.4%	30.1%	31.7%	31.3%
	Chronic obstructive pulm. dis.	5.5%	5.6%	5.6%	5.7%
	Current smoker/tobacco use	7.2%	7.2%	7.0%	6.9%
	Malignant neoplasm/cancer	3.5%	3.5%	3.6%	3.5%
	Alcohol dependence	2.5%	2.6%	2.3%	2.2%
Drug dependence	1.0%	1.2%	1.2%	1.3%	
Inability to transfer	1.3%	1.2%	1.3%	1.1%	
Inability to ambulate	4.3%	4.1%	3.8%	3.3%	
No comorbidities reported	27.3%	24.9%	24.2%	25.1%	
, 65-74 PATIENTS		12180,	20223,	21507,	8403,
, 65-74	Congestive heart failure	39.5%	41.2%	41.6%	41.2%
	Ischemic heart disease/CAD	30.4%	31.6%	32.8%	31.7%
	Myocardial infarction	12.0%	12.2%	12.2%	11.4%
	Cardiac arrest	1.5%	1.5%	1.3%	0.9%
	Cardiac dysrhythmia	7.3%	7.9%	7.8%	7.5%
	Pericarditis	1.6%	1.1%	0.9%	0.7%
	Cerebrovascular disease/CVA/TIA	10.5%	11.8%	12.4%	11.8%
	Peripheral vascular disease	18.7%	19.5%	20.2%	19.3%
	History of hypertension	68.6%	71.9%	74.9%	76.5%
	Diabetes prim./contrib.	42.2%	44.1%	46.0%	47.6%
	Diabetes on insulin	23.1%	24.4%	24.5%	24.9%
	Chronic obstructive pulm. dis.	9.6%	9.9%	10.3%	10.3%
	Current smoker/tobacco use	5.2%	5.3%	4.7%	4.6%
	Malignant neoplasm/cancer	6.2%	6.3%	6.8%	6.8%
	Alcohol dependence	1.3%	1.3%	1.0%	1.0%
Drug dependence	0.1%	0.1%	0.1%	0.1%	
Inability to transfer	2.2%	2.1%	1.9%	2.0%	

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.16 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Age, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Age Group					
65-74	Inability to ambulate	6.2%	5.8%	5.3%	5.0%
	No comorbidities reported	20.3%	18.9%	17.9%	18.0%
	PATIENTS	8751	15039	17243	7019
75+	Congestive heart failure	44.2%	45.0%	46.4%	46.7%
	Ischemic heart disease/CAD	32.2%	33.8%	35.6%	35.2%
	Myocardial infarction	12.4%	12.5%	12.8%	12.7%
	Cardiac arrest	1.1%	1.2%	1.1%	0.9%
	Cardiac dysrhythmia	10.7%	10.4%	10.8%	11.0%
	Pericarditis	1.2%	1.2%	1.0%	0.8%
	Cerebrovascular disease/CVA/TIA	11.4%	12.1%	12.5%	12.7%
	Peripheral vascular disease	18.2%	18.7%	18.9%	19.3%
	History of hypertension	67.7%	71.9%	72.9%	74.4%
	Diabetes prim/ contrib.	28.5%	30.3%	32.0%	33.6%
	Diabetes on insulin	12.5%	13.3%	13.9%	14.1%
	Chronic obstructive pulm. dis.	10.5%	10.2%	10.4%	10.5%
	Current smoker/tobacco use	3.1%	2.6%	2.4%	2.3%
	Malignant neoplasm/cancer	8.9%	8.1%	8.4%	8.5%
	Alcohol dependence	0.8%	0.6%	0.6%	0.4%
	Drug dependence	0.0%	0.1%	0.0%	0.0%
	Inability to transfer	3.0%	3.1%	2.6%	2.5%
	Inability to ambulate	7.9%	7.5%	6.7%	6.1%
	No comorbidities reported	21.5%	20.8%	20.1%	19.1%

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Age Group					
0-19	PATIENTS	110	160	149	23
	Congestive heart failure	0.0%	0.0%	0.7%	0.0%
	Ischemic heart disease/CAD	0.0%	0.0%	0.0%	0.0%
	Myocardial infarction	0.0%	0.0%	0.0%	0.0%
	Cardiac arrest	0.0%	0.6%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	1.9%	0.0%	0.0%
	Pericarditis	0.0%	0.6%	0.0%	0.0%
	Cerebrovascular disease/CVA/TIA	0.0%	0.0%	0.0%	0.0%
	Peripheral vascular disease	0.9%	1.3%	0.0%	0.0%
	History of hypertension	25.5%	31.3%	25.5%	17.4%
	Diabetes prim/ contrib.	0.9%	1.3%	0.7%	0.0%
	Diabetes on insulin	0.9%	0.6%	0.0%	0.0%
	Chronic obstructive pulm. dis.	0.0%	0.6%	0.7%	0.0%
	Current smoker/tobacco use	0.9%	1.3%	0.0%	0.0%
	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%	0.6%	0.0%	0.0%
	Inability to transfer	0.9%	0.0%	0.0%	0.0%
	Inability to ambulate	0.9%	1.3%	2.0%	0.0%
	No comorbidities reported	96.4%	93.8%	96.0%	100.0%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.



Table L.16 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Age, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
, 20-44	PATIENTS	375,	552,	511,	151,
	Congestive heart failure	2.4%,	1.4%,	1.4%,	1.3%,
	Ischemic heart disease/CAD	2.7%,	2.2%,	2.3%,	2.6%,
	Myocardial infarction	1.3%,	0.9%,	0.6%,	0.7%,
	Cardiac arrest	0.3%,	0.4%,	0.0%,	0.0%,
	Cardiac dysrhythmia	0.3%,	0.4%,	0.2%,	0.7%,
	Pericarditis	0.3%,	0.4%,	1.0%,	0.0%,
	Cerebrovascular disease/CVA/TIA	1.6%,	1.1%,	1.2%,	2.0%,
	Peripheral vascular disease	3.5%,	2.7%,	1.8%,	3.3%,
	History of hypertension	65.1%,	66.3%,	62.4%,	70.2%,
	Diabetes prim/contrib.	30.1%,	26.3%,	26.8%,	20.5%,
	Diabetes on insulin	26.9%,	23.6%,	25.0%,	17.2%,
	Chronic obstructive pulmonary dis.	0.3%	0.5%	0.4%	0.0%
	Current smoker/tobacco use	6.1%	5.4%	1.8%	2.6%
	Malignant neoplasm/cancer	0.5%	0.5%	0.0%	0.0%
	Alcohol dependence	0.3%	0.5%	0.2%	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%	0.4%	0.2%	0.0%	
No comorbidities reported	59.5%	62.7%	65.0%	74.8%	
, 45-64	PATIENTS	242,	436,	403,	117,
	Congestive heart failure	0.8%,	1.8%,	3.2%,	1.7%,
	Ischemic heart disease/CAD	4.5%,	5.5%,	7.2%,	6.8%,
	Myocardial infarction	1.7%,	3.0%,	3.2%,	4.3%,
	Cardiac arrest	0.0%,	0.5%,	0.7%,	0.0%,
	Cardiac dysrhythmia	0.8%,	2.5%,	0.7%,	0.9%,
	Pericarditis	0.4%,	0.2%,	0.0%,	0.0%,
	Cerebrovascular disease/CVA/TIA	1.2%,	2.1%,	1.2%,	3.4%,
	Peripheral vascular disease	3.7%,	4.4%,	1.0%,	7.7%,
	History of hypertension	65.7%,	67.7%,	68.5%,	79.5%,
	Diabetes prim/contrib.	24.4%,	25.7%,	22.1%,	25.6%,
	Diabetes on insulin	23.6%,	24.5%,	18.1%,	21.4%,
	Chronic obstructive pulmonary dis.	2.5%	0.7%	1.2%	0.9%
	Current smoker/tobacco use	4.1%	4.1%	3.7%	4.3%
	Malignant neoplasm/cancer	0.8%	0.7%	1.2%	1.7%
	Alcohol dependence	0.8%	1.4%	1.2%	1.7%
	Drug dependence	0.0%	0.0%	0.2%	0.0%
Inability to transfer	0.4%	0.0%	0.2%	0.9%	
Inability to ambulate	0.4%	0.2%	0.2%	0.9%	
No comorbidities reported	61.6%	57.3%	65.5%	63.2%	

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.16 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Age, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Age Group					
65-74	PATIENTS	16,	22,	43,	*
	Congestive heart failure	6.3%	4.5%	4.7%	0.0%
	Ischemic heart disease/CAD	6.3%	13.6%	11.6%	0.0%
	Myocardial infarction	6.3%	0.0%	0.0%	0.0%
	Cardiac arrest	0.0%	4.5%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	9.1%	2.3%	0.0%
	Pericarditis	0.0%	0.0%	0.0%	0.0%
	Cerebrovascular disease/CVA/TIA	0.0%	4.5%	4.7%	0.0%
	Peripheral vascular disease	0.0%	0.0%	2.3%	11.1%
	History of hypertension	62.5%	54.5%	79.1%	88.9%
	Diabetes prim/contrib.	0.0%	18.2%	16.3%	22.2%
	Diabetes on insulin	0.0%	18.2%	4.7%	11.1%
	Chronic obstructive pulm. dis.	0.0%	4.5%	7.0%	0.0%
	Current smoker/tobacco use	0.0%	0.0%	0.0%	0.0%
	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	81.3%	68.2%	69.8%	77.8%
75+	PATIENTS		*	*	
	Congestive heart failure		0.0%	0.0%	
	Ischemic heart disease/CAD		50.0%	0.0%	
	Myocardial infarction		0.0%	0.0%	
	Cardiac arrest		0.0%	0.0%	
	Cardiac dysrhythmia		0.0%	0.0%	
	Pericarditis		0.0%	0.0%	
	Cerebrovascular disease/CVA/TIA		0.0%	0.0%	
	Peripheral vascular disease		0.0%	0.0%	
	History of hypertension		50.0%	0.0%	
	Diabetes prim/contrib.		0.0%	0.0%	
	Diabetes on insulin		0.0%	0.0%	
	Chronic obstructive pulm. dis.		0.0%	0.0%	
	Current smoker/tobacco use		0.0%	0.0%	
	Malignant neoplasm/cancer		0.0%	0.0%	
	Alcohol dependence		0.0%	0.0%	
	Drug dependence		0.0%	0.0%	
	Inability to transfer		0.0%	0.0%	
	Inability to ambulate		0.0%	0.0%	
	No comorbidities reported		50.0%	100.0%	

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.17  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Sex, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Sex (Q07)					
Female	PATIENTS	21262	34121	35304	14039
	Congestive heart failure	33.9%	35.3%	36.6%	36.5%
	Ischemic heart disease/CAD	20.6%	21.2%	22.9%	22.3%
	Myocardial infarction	7.5%	7.5%	8.1%	7.6%
	Cardiac arrest	1.0%	1.0%	0.9%	0.7%
	Cardiac dysrhythmia	5.2%	5.3%	5.7%	5.4%
	Pericarditis	1.7%	1.3%	1.2%	1.1%
	Cerebrovascular disease/CVA/TIA	8.0%	9.1%	9.9%	9.1%
	Peripheral vascular disease	13.1%	13.2%	13.9%	13.8%
	History of hypertension	68.7%	72.5%	75.0%	76.1%
	Diabetes prim/contrib.	39.5%	42.8%	44.0%	45.1%
	Diabetes on insulin	24.9%	26.4%	26.7%	26.3%
	Chronic obstructive pulm dis.	5.5%	5.9%	6.1%	6.4%
	Current smoker/tobacco use	4.5%	4.4%	4.1%	3.9%
	Malignant neoplasm/cancer	4.2%	3.9%	4.3%	4.2%
	Alcohol dependence	0.9%	0.9%	0.7%	0.7%
	Drug dependence	0.6%	0.7%	0.7%	0.8%
	Inability to transfer	2.0%	1.9%	1.9%	1.8%
	Inability to ambulate	5.8%	5.5%	5.1%	4.6%
	No comorbidities reported	28.0%	26.4%	25.2%	25.2%
Male	PATIENTS	23630	39108	39896	16291
	Congestive heart failure	29.3%	31.2%	33.1%	32.7%
	Ischemic heart disease/CAD	23.0%	24.7%	27.0%	26.3%
	Myocardial infarction	9.7%	10.2%	10.6%	10.1%
	Cardiac arrest	1.1%	1.1%	1.0%	0.9%
	Cardiac dysrhythmia	5.8%	6.2%	6.6%	6.6%
	Pericarditis	1.4%	1.1%	1.0%	0.9%
	Cerebrovascular disease/CVA/TIA	8.3%	8.8%	9.5%	9.5%
	Peripheral vascular disease	15.0%	15.8%	17.1%	16.3%
	History of hypertension	66.4%	70.3%	72.6%	74.3%
	Diabetes prim/contrib.	33.3%	35.0%	37.6%	37.7%
	Diabetes on insulin	20.1%	20.8%	21.8%	21.7%
	Chronic obstructive pulm dis.	8.0%	7.9%	8.6%	8.4%
	Current smoker/tobacco use	7.3%	7.1%	6.6%	6.7%
	Malignant neoplasm/cancer	5.5%	5.6%	6.1%	6.1%
	Alcohol dependence	2.8%	2.7%	2.3%	2.1%
	Drug dependence	1.6%	1.6%	1.4%	1.3%
	Inability to transfer	1.6%	1.5%	1.5%	1.3%
	Inability to ambulate	4.5%	4.3%	4.2%	3.7%
	No comorbidities reported	29.7%	28.1%	25.9%	26.8%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.17 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Sex, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Sex (Q07)					
Female	PATIENTS	322	469	460	137
	Congestive heart failure	0.9%	1.3%	2.4%	1.5%
	Ischemic heart disease/CAD	0.9%	2.8%	2.8%	1.5%
	Myocardial infarction	0.0%	1.3%	1.1%	1.5%
	Cardiac arrest	0.0%	0.6%	0.0%	0.0%
	Cardiac dysrhythmia	0.3%	1.3%	0.7%	1.5%
	Pericarditis	0.3%	0.4%	0.7%	0.0%
	Cerebrovascular disease/CVA/TIA	0.9%	0.9%	0.9%	2.2%
	Peripheral vascular disease	2.5%	3.6%	1.1%	3.6%
	History of hypertension	59.3%	62.3%	57.6%	67.2%
	Diabetes prim/contrib.	23.3%	20.9%	21.1%	17.5%
	Diabetes on insulin	21.7%	19.0%	18.0%	13.9%
	Chronic obstructive pulm. dis.	0.6%	0.4%	1.1%	0.7%
	Current smoker/tobacco use	2.5%	4.1%	2.0%	3.6%
	Malignant neoplasm/cancer	0.9%	0.9%	0.2%	0.0%
	Alcohol dependence	0.0%	0.2%	0.0%	0.0%
	Drug dependence	0.0%	0.2%	0.0%	0.0%
	Inability to transfer	0.3%	0.0%	0.2%	0.7%
	Inability to ambulate	0.3%	0.2%	0.4%	0.7%
	No comorbidities reported	68.0%	67.8%	71.5%	74.5%
Male	PATIENTS	421	703	648	163
	Congestive heart failure	2.1%	1.6%	1.9%	1.2%
	Ischemic heart disease/CAD	4.5%	3.8%	5.1%	6.1%
	Myocardial infarction	2.4%	1.7%	1.7%	2.5%
	Cardiac arrest	0.2%	0.4%	0.5%	0.0%
	Cardiac dysrhythmia	0.5%	1.7%	0.3%	0.0%
	Pericarditis	0.2%	0.3%	0.3%	0.0%
	Cerebrovascular disease/CVA/TIA	1.4%	1.7%	1.4%	2.5%
	Peripheral vascular disease	3.6%	2.7%	1.4%	6.1%
	History of hypertension	59.4%	61.5%	62.0%	73.0%
	Diabetes prim/contrib.	23.3%	23.5%	21.1%	23.9%
	Diabetes on insulin	21.1%	21.8%	18.5%	20.2%
	Chronic obstructive pulm. dis.	1.2%	0.9%	0.9%	0.0%
	Current smoker/tobacco use	6.2%	4.4%	2.3%	2.5%
	Malignant neoplasm/cancer	0.2%	0.3%	0.6%	1.2%
	Alcohol dependence	0.7%	1.1%	0.9%	1.2%
	Drug dependence	0.0%	0.0%	0.2%	0.0%
	Inability to transfer	0.2%	0.0%	0.0%	0.0%
	Inability to ambulate	0.2%	0.6%	0.5%	0.0%
	No comorbidities reported	64.6%	63.2%	68.2%	70.6%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.18  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Race					
Native Amer.	PATIENTS	790	1252	861	322
	Congestive heart failure	26.6%	24.1%	33.1%	32.0%
	Ischemic heart disease/CAD	14.8%	15.3%	22.0%	17.4%
	Myocardial infarction	5.8%	6.0%	9.3%	8.7%
	Cardiac arrest	0.5%	0.6%	0.5%	0.6%
	Cardiac dysrhythmia	3.3%	3.0%	4.1%	3.1%
	Pericarditis	1.4%	1.1%	2.4%	1.2%
	Cerebrovascular disease/CVA/TIA	6.8%	5.9%	8.7%	5.0%
	Peripheral vascular disease	14.7%	10.9%	17.9%	14.3%
	History of hypertension	50.9%	55.2%	76.3%	73.0%
	Diabetes prim/contrib.	43.2%	47.0%	64.0%	65.2%
	Diabetes on insulin	23.5%	25.5%	36.0%	39.4%
	Chronic obstructive pulm dis.	2.7%	2.3%	4.1%	3.4%
	Current smoker/tobacco use	4.2%	3.8%	5.1%	4.3%
	Malignant neoplasm/cancer	2.5%	2.2%	2.7%	2.8%
	Alcohol dependence	3.8%	4.4%	5.8%	3.1%
	Drug dependence	0.5%	0.4%	0.5%	0.3%
	Inability to transfer	1.3%	0.8%	0.5%	1.6%
	Inability to ambulate	3.2%	2.9%	3.7%	4.3%
	No comorbidities reported	40.6%	39.4%	13.6%	16.8%
Asian	PATIENTS	1489	2330	2186	863
	Congestive heart failure	24.2%	25.1%	28.3%	29.7%
	Ischemic heart disease/CAD	14.9%	15.1%	17.6%	16.3%
	Myocardial infarction	4.8%	5.3%	5.6%	5.2%
	Cardiac arrest	0.6%	0.6%	0.4%	0.7%
	Cardiac dysrhythmia	3.6%	3.2%	4.6%	4.3%
	Pericarditis	1.4%	0.9%	1.3%	0.9%
	Cerebrovascular disease/CVA/TIA	5.6%	6.6%	7.4%	6.7%
	Peripheral vascular disease	7.5%	6.7%	8.1%	7.0%
	History of hypertension	63.1%	67.0%	75.7%	77.2%
	Diabetes prim/contrib.	34.0%	38.8%	43.0%	43.7%
	Diabetes on insulin	15.3%	15.7%	16.5%	18.5%
	Chronic obstructive pulm dis.	2.8%	2.8%	2.7%	3.2%
	Current smoker/tobacco use	2.0%	1.9%	1.8%	1.4%
	Malignant neoplasm/cancer	2.2%	1.9%	2.7%	3.1%
	Alcohol dependence	0.3%	0.4%	0.4%	0.2%
	Drug dependence	0.1%	0.1%	0.1%	0.0%
	Inability to transfer	1.4%	1.5%	1.4%	1.2%
	Inability to ambulate	3.7%	2.9%	3.7%	3.6%
	No comorbidities reported	42.6%	42.5%	34.7%	36.8%
Black	PATIENTS	13389	21989	21666	9107
	Congestive heart failure	26.2%	27.9%	29.6%	29.3%
	Ischemic heart disease/CAD	12.9%	14.4%	14.8%	14.9%
	Myocardial infarction	4.8%	5.5%	5.1%	4.9%
	Cardiac arrest	0.7%	0.9%	0.6%	0.5%
	Cardiac dysrhythmia	3.2%	3.4%	3.5%	3.3%
	Pericarditis	1.6%	1.2%	1.1%	1.1%
	Cerebrovascular disease/CVA/TIA	7.3%	8.6%	9.1%	8.9%
	Peripheral vascular disease	9.2%	9.9%	10.3%	10.2%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.18 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Race					
Black	History of hypertension	71.9%	76.4%	78.2%	79.9%
	Diabetes prim/ contrib.	35.6%	38.1%	40.1%	41.0%
	Diabetes on insulin	20.1%	21.1%	22.3%	22.2%
	Chronic obstructive pulm. dis.	3.6%	4.5%	3.9%	4.1%
	Current smoker/tobacco use	6.0%	6.0%	5.8%	5.8%
	Malignant neoplasm/cancer	3.5%	3.5%	3.7%	3.7%
	Alcohol dependence	3.0%	2.9%	2.4%	2.3%
	Drug dependence	2.9%	3.0%	2.6%	2.6%
	Inability to transfer	1.8%	1.8%	1.8%	1.3%
	Inability to ambulate	4.8%	4.7%	4.7%	3.8%
	No comorbidities reported	33.2%	30.9%	30.0%	29.7%
White	PATIENTS	27201	44349	47147	18932
	Congestive heart failure	34.7%	36.5%	37.7%	37.5%
	Ischemic heart disease/CAD	27.1%	28.2%	30.6%	29.7%
	Myocardial infarction	10.9%	11.1%	11.8%	11.2%
	Cardiac arrest	1.3%	1.2%	1.1%	1.0%
	Cardiac dysrhythmia	6.9%	7.3%	7.7%	7.6%
	Pericarditis	1.5%	1.3%	1.1%	1.0%
	Cerebrovascular disease/CVA/TIA	8.8%	9.5%	10.3%	9.9%
	Peripheral vascular disease	17.0%	17.5%	18.5%	18.2%
	History of hypertension	66.2%	69.8%	71.9%	73.1%
	Diabetes prim/ contrib.	36.4%	38.5%	40.3%	40.7%
	Diabetes on insulin	24.0%	25.1%	25.0%	24.7%
	Chronic obstructive pulm. dis.	9.0%	8.8%	9.6%	9.6%
	Current smoker/tobacco use	6.4%	6.3%	5.7%	5.6%
	Malignant neoplasm/cancer	6.0%	5.9%	6.3%	6.3%
	Alcohol dependence	1.4%	1.4%	1.2%	1.1%
	Drug dependence	0.3%	0.4%	0.4%	0.4%
	Inability to transfer	1.8%	1.8%	1.7%	1.7%
	Inability to ambulate	5.5%	5.2%	4.7%	4.3%
	No comorbidities reported	25.3%	23.9%	22.9%	23.5%
Other	PATIENTS	2023	3309	3340	1106
	Congestive heart failure	30.2%	31.2%	30.2%	29.0%
	Ischemic heart disease/CAD	17.4%	19.6%	19.5%	20.1%
	Myocardial infarction	6.7%	6.3%	5.9%	6.8%
	Cardiac arrest	0.9%	0.9%	0.8%	0.5%
	Cardiac dysrhythmia	3.5%	3.5%	3.6%	2.4%
	Pericarditis	1.8%	1.2%	0.8%	0.8%
	Cerebrovascular disease/CVA/TIA	6.6%	6.9%	6.4%	5.8%
	Peripheral vascular disease	12.3%	13.4%	13.4%	11.3%
	History of hypertension	64.8%	67.5%	69.2%	68.5%
	Diabetes prim/ contrib.	36.6%	39.6%	40.4%	40.5%
	Diabetes on insulin	20.2%	21.7%	24.3%	23.0%
	Chronic obstructive pulm. dis.	3.1%	3.2%	2.8%	3.0%
	Current smoker/tobacco use	3.1%	2.2%	2.0%	2.4%
	Malignant neoplasm/cancer	2.8%	2.5%	2.6%	2.4%
	Alcohol dependence	1.7%	1.1%	0.8%	1.0%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.18 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Race					
Other	Drug dependence	1.0%	0.8%	0.6%	1.1%
	Inability to transfer	1.2%	1.5%	1.3%	1.2%
	Inability to ambulate	4.5%	4.3%	4.6%	4.0%
	No comorbidities reported	34.4%	33.0%	32.9%	34.4%
Ethnicity					
Hispanic					
	PATIENTS	5216	8379	8288	3305
	Congestive heart failure	27.9%	29.4%	31.9%	32.5%
	Ischemic heart disease/CAD	16.9%	17.4%	20.2%	19.6%
	Myocardial infarction	5.5%	5.2%	6.0%	5.6%
	Cardiac arrest	0.7%	0.8%	0.6%	0.7%
	Cardiac dysrhythmia	3.5%	2.8%	3.3%	3.2%
	Pericarditis	1.1%	1.0%	0.7%	0.8%
	Cerebrovascular disease/CVA/TIA	5.7%	6.5%	6.7%	6.7%
	Peripheral vascular disease	12.3%	12.8%	14.3%	13.5%
	History of hypertension	61.8%	66.0%	73.3%	74.9%
	Diabetes prim/contrib.	42.6%	45.6%	50.8%	51.0%
	Diabetes on insulin	22.0%	24.8%	27.4%	26.3%
	Chronic obstructive pulmonary disease	3.0%	3.0%	3.2%	3.4%
	Current smoker/tobacco use	2.1%	2.2%	2.2%	2.5%
	Malignant neoplasm/cancer	2.2%	2.4%	2.5%	2.5%
	Alcohol dependence	1.3%	1.3%	1.2%	1.3%
	Drug dependence	0.8%	0.6%	0.6%	0.8%
	Inability to transfer	1.4%	1.4%	1.4%	1.4%
	Inability to ambulate	4.9%	4.5%	4.2%	3.5%
	No comorbidities reported	35.1%	32.2%	26.9%	27.0%
Non-Hispanic					
	PATIENTS	39676	64850	66912	27025
	Congestive heart failure	31.9%	33.6%	35.1%	34.7%
	Ischemic heart disease/CAD	22.5%	23.8%	25.7%	25.0%
	Myocardial infarction	9.0%	9.4%	9.8%	9.4%
	Cardiac arrest	1.1%	1.1%	1.0%	0.8%
	Cardiac dysrhythmia	5.7%	6.1%	6.5%	6.4%
	Pericarditis	1.6%	1.3%	1.1%	1.0%
	Cerebrovascular disease/CVA/TIA	8.5%	9.3%	10.1%	9.6%
	Peripheral vascular disease	14.4%	14.8%	15.8%	15.4%
	History of hypertension	68.3%	72.0%	73.8%	75.2%
	Diabetes prim/contrib.	35.4%	37.7%	39.4%	39.9%
	Diabetes on insulin	22.4%	23.3%	23.7%	23.6%
	Chronic obstructive pulmonary disease	7.3%	7.5%	7.9%	8.0%
	Current smoker/tobacco use	6.4%	6.3%	5.9%	5.8%
	Malignant neoplasm/cancer	5.2%	5.1%	5.6%	5.6%
	Alcohol dependence	1.9%	2.0%	1.6%	1.5%
	Drug dependence	1.2%	1.2%	1.1%	1.1%
	Inability to transfer	1.8%	1.8%	1.7%	1.6%
	Inability to ambulate	5.1%	4.9%	4.7%	4.2%
	No comorbidities reported	28.1%	26.6%	25.4%	25.9%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.18 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Race					
Native Amer.	PATIENTS	*	11	*	*
	Congestive heart failure	0.0%	0.0%	0.0%	0.0%
	Ischemic heart disease/CAD	0.0%	0.0%	14.3%	0.0%
	Myocardial infarction	0.0%	0.0%	0.0%	0.0%
	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%	33.3%
	History of hypertension	50.0%	63.6%	57.1%	66.7%
	Diabetes prim/contrib.	0.0%	36.4%	14.3%	66.7%
	Diabetes on insulin	0.0%	18.2%	14.3%	0.0%
	Chronic obstructive pulmonary disease	12.5%	0.0%	0.0%	0.0%
	Current smoker/tobacco use	0.0%	0.0%	0.0%	33.3%
	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	87.5%	63.6%	85.7%	33.3%
Asian	PATIENTS	14	28	17	*
	Congestive heart failure	0.0%	3.6%	5.9%	0.0%
	Ischemic heart disease/CAD	7.1%	0.0%	0.0%	0.0%
	Myocardial infarction	0.0%	0.0%	0.0%	0.0%
	Cardiac arrest	0.0%	0.0%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	3.6%	0.0%	0.0%
	Pericarditis	0.0%	0.0%	0.0%	0.0%
	Cerebrovascular disease/CVA/TIA	0.0%	7.1%	0.0%	0.0%
	Peripheral vascular disease	7.1%	3.6%	0.0%	0.0%
	History of hypertension	71.4%	60.7%	64.7%	60.0%
	Diabetes prim/contrib.	0.0%	0.0%	11.8%	0.0%
	Diabetes on insulin	7.1%	3.6%	17.6%	0.0%
	Chronic obstructive pulmonary disease	0.0%	0.0%	0.0%	0.0%
	Current smoker/tobacco use	0.0%	0.0%	5.9%	0.0%
	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%	3.6%	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	78.6%	89.3%	76.5%	100.0%
Black	PATIENTS	63	91	81	25
	Congestive heart failure	3.2%	2.2%	1.2%	0.0%
	Ischemic heart disease/CAD	3.2%	1.1%	3.7%	0.0%
	Myocardial infarction	0.0%	1.1%	0.0%	0.0%
	Cardiac arrest	0.0%	1.1%	2.5%	0.0%
	Cardiac dysrhythmia	1.6%	1.1%	1.2%	0.0%
	Pericarditis	0.0%	0.0%	0.0%	0.0%
	Cerebrovascular disease/CVA/TIA	1.6%	0.0%	3.7%	0.0%
	Peripheral vascular disease	3.2%	2.2%	0.0%	0.0%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.



Table L.18 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Race					
Black	History of hypertension	61.9%	51.6%	58.0%	64.0%
	Diabetes prim/contrib.	19.0%	20.9%	21.0%	20.0%
	Diabetes on insulin	22.2%	19.8%	17.3%	12.0%
	Chronic obstructive pulm dis.	0.0%	3.3%	2.5%	0.0%
	Current smoker/tobacco use	1.6%	3.3%	1.2%	8.0%
	Malignant neoplasm/cancer	0.0%	2.2%	0.0%	0.0%
	Alcohol dependence	0.0%	0.0%	2.5%	0.0%
	Drug dependence	0.0%	0.0%	1.2%	0.0%
	Inability to transfer	0.0%	0.0%	0.0%	0.0%
	Inability to ambulate	0.0%	1.1%	0.0%	0.0%
	No comorbidities reported	71.4%	63.7%	70.4%	72.0%
White	PATIENTS	643	1019	974	253
	Congestive heart failure	1.6%	1.3%	2.2%	1.6%
	Ischemic heart disease/CAD	2.8%	3.8%	4.3%	4.3%
	Myocardial infarction	1.6%	1.7%	1.6%	2.0%
	Cardiac arrest	0.2%	0.5%	0.1%	0.0%
	Cardiac dysrhythmia	0.3%	1.5%	0.4%	0.8%
	Pericarditis	0.3%	0.4%	0.5%	0.0%
	Cerebrovascular disease/CVA/TIA	1.2%	1.4%	1.0%	2.8%
	Peripheral vascular disease	3.1%	3.2%	1.4%	5.5%
	History of hypertension	58.8%	62.7%	61.0%	73.5%
	Diabetes prim/contrib.	24.6%	23.1%	21.9%	21.7%
	Diabetes on insulin	21.9%	21.5%	18.9%	19.0%
	Chronic obstructive pulm dis.	0.9%	0.5%	0.9%	0.4%
	Current smoker/tobacco use	5.1%	4.5%	2.2%	2.4%
	Malignant neoplasm/cancer	0.6%	0.4%	0.5%	0.8%
	Alcohol dependence	0.5%	0.8%	0.4%	0.8%
	Drug dependence	0.0%	0.0%	0.0%	0.0%
	Inability to transfer	0.3%	0.0%	0.1%	0.4%
	Inability to ambulate	0.3%	0.4%	0.5%	0.4%
	No comorbidities reported	64.7%	64.3%	68.6%	71.5%
Other	PATIENTS	15	23	29	14
	Congestive heart failure	0.0%	4.3%	0.0%	0.0%
	Ischemic heart disease/CAD	6.7%	0.0%	0.0%	7.1%
	Myocardial infarction	0.0%	0.0%	0.0%	7.1%
	Cardiac arrest	0.0%	0.0%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	4.3%	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%	0.0%
	History of hypertension	66.7%	60.9%	37.9%	28.6%
	Diabetes prim/contrib.	20.0%	21.7%	3.4%	7.1%
	Diabetes on insulin	20.0%	8.7%	3.4%	7.1%
	Chronic obstructive pulm dis.	0.0%	0.0%	0.0%	0.0%
	Current smoker/tobacco use	0.0%	4.3%	3.4%	0.0%
	Malignant neoplasm/cancer	0.0%	0.0%	0.0%	0.0%
	Alcohol dependence	0.0%	4.3%	0.0%	0.0%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.18 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Race, Ethnicity, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Race					
Other	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	80.0%	73.9%	93.1%	85.7%
Ethnicity					
Hispanic	PATIENTS	32	67	57	14
	Congestive heart failure	0.0%	1.5%	3.5%	0.0%
	Ischemic heart disease/CAD	9.4%	3.0%	1.8%	7.1%
	Myocardial infarction	0.0%	0.0%	0.0%	0.0%
	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	6.3%	1.5%	0.0%	0.0%
	Peripheral vascular disease	3.1%	0.0%	0.0%	7.1%
	History of hypertension	68.8%	53.7%	59.6%	78.6%
	Diabetes prim/contrib.	18.8%	14.9%	8.8%	14.3%
	Diabetes on insulin	18.8%	16.4%	10.5%	14.3%
	Chronic obstructive pulm. dis.	3.1%	1.5%	0.0%	0.0%
	Current smoker/tobacco use	6.3%	1.5%	1.8%	0.0%
	Malignant neoplasm/cancer	0.0%	0.0%	0.0%	7.1%
	Alcohol dependence	3.1%	4.5%	1.8%	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%	1.8%	0.0%
	No comorbidities reported	71.9%	73.1%	80.7%	78.6%
Non-Hispanic	PATIENTS	711	1105	1051	286
	Congestive heart failure	1.7%	1.4%	2.0%	1.4%
	Ischemic heart disease/CAD	2.7%	3.4%	4.3%	3.8%
	Myocardial infarction	1.4%	1.6%	1.5%	2.1%
	Cardiac arrest	0.1%	0.5%	0.3%	0.0%
	Cardiac dysrhythmia	0.4%	1.6%	0.5%	0.7%
	Pericarditis	0.3%	0.4%	0.5%	0.0%
	Cerebrovascular disease/CVA/TIA	1.0%	1.4%	1.2%	2.4%
	Peripheral vascular disease	3.1%	3.3%	1.3%	4.9%
	History of hypertension	58.9%	62.3%	60.2%	69.9%
	Diabetes prim/contrib.	23.5%	22.9%	21.8%	21.3%
	Diabetes on insulin	21.5%	20.9%	18.7%	17.5%
	Chronic obstructive pulm. dis.	0.8%	0.6%	1.0%	0.3%
	Current smoker/tobacco use	4.5%	4.4%	2.2%	3.1%
	Malignant neoplasm/cancer	0.6%	0.5%	0.5%	0.3%
	Alcohol dependence	0.3%	0.5%	0.5%	0.7%
	Drug dependence	0.0%	0.1%	0.1%	0.0%
	Inability to transfer	0.3%	0.0%	0.1%	0.3%
	Inability to ambulate	0.3%	0.5%	0.4%	0.3%
	No comorbidities reported	65.8%	64.5%	69.0%	72.0%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.19  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Diabetic Status, and Year of First Service, May 1995-June 1998

Primary Modality Dialysis		Year of First Service			
		1995	1996	1997	1998
Non-Diabetic PATIENTS		25806	41354	41652	16749
	Congestive heart failure	26.0%	27.1%	28.9%	28.7%
	Ischemic heart disease/CAD	18.4%	19.7%	21.5%	20.6%
	Myocardial infarction	7.6%	7.9%	8.4%	7.9%
	Cardiac arrest	1.0%	1.0%	0.9%	0.8%
	Cardiac dysrhythmia	5.8%	6.2%	6.5%	6.5%
	Pericarditis	1.5%	1.3%	1.2%	1.1%
	Cerebrovascular disease/CVA/TIA	7.3%	8.0%	8.7%	8.2%
	Peripheral vascular disease	10.7%	11.0%	11.7%	11.5%
	History of hypertension	65.8%	69.4%	71.9%	73.2%
	Diabetes prim/contrib.	10.5%	10.8%	11.3%	11.1%
	Diabetes on insulin	3.5%	3.7%	3.9%	3.8%
	Chronic obstructive pulmonary dis.	7.7%	8.0%	8.5%	8.6%
	Current smoker/tobacco use	6.9%	6.9%	6.3%	6.4%
	Malignant neoplasm/cancer	6.5%	6.5%	7.0%	6.9%
	Alcohol dependence	2.5%	2.6%	2.1%	2.0%
	Drug dependence	1.6%	1.7%	1.6%	1.7%
	Inability to transfer	1.6%	1.6%	1.5%	1.5%
	Inability to ambulate	4.4%	4.0%	3.9%	3.5%
	No comorbidities reported	43.4%	42.5%	40.7%	41.5%
Diabetic PATIENTS		19086	31875	33548	13581
	Congestive heart failure	38.9%	41.0%	42.0%	41.6%
	Ischemic heart disease/CAD	26.4%	27.5%	29.5%	29.1%
	Myocardial infarction	10.1%	10.3%	10.7%	10.2%
	Cardiac arrest	1.2%	1.1%	1.0%	0.8%
	Cardiac dysrhythmia	5.0%	5.2%	5.7%	5.4%
	Pericarditis	1.6%	1.1%	1.0%	0.9%
	Cerebrovascular disease/CVA/TIA	9.4%	10.2%	10.9%	10.6%
	Peripheral vascular disease	18.7%	19.2%	20.4%	19.7%
	History of hypertension	69.7%	73.7%	76.0%	77.5%
	Diabetes prim/contrib.	71.0%	74.6%	77.1%	78.2%
	Diabetes on insulin	47.8%	49.1%	49.2%	48.6%
	Chronic obstructive pulmonary dis.	5.5%	5.6%	6.0%	6.1%
	Current smoker/tobacco use	4.6%	4.5%	4.4%	4.1%
	Malignant neoplasm/cancer	2.7%	2.7%	3.1%	3.2%
	Alcohol dependence	1.0%	1.0%	0.9%	0.8%
	Drug dependence	0.4%	0.5%	0.4%	0.4%
	Inability to transfer	2.0%	1.9%	1.9%	1.6%
	Inability to ambulate	6.1%	6.0%	5.5%	4.9%
	No comorbidities reported	9.4%	7.5%	6.8%	7.0%

(CONTINUED)

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.19 (Continued)  
 Percent with Medical Characteristics Among All ESRD Patients  
 as Reported on HCFA Form 2728  
 by Primary Modality, Diabetic Status, and Year of First Service, May 1995-June 1998

Primary Modality Transplant		Year of First Service			
		1995	1996	1997	1998
Non-Diabetic	PATIENTS	534	837	809	230
	Congestive heart failure	0.9%	1.1%	1.7%	0.9%
	Ischemic heart disease/CAD	1.7%	2.0%	1.9%	1.3%
	Myocardial infarction	0.4%	0.7%	0.5%	0.4%
	Cardiac arrest	0.0%	0.2%	0.4%	0.0%
	Cardiac dysrhythmia	0.6%	1.6%	0.4%	0.4%
	Pericarditis	0.2%	0.2%	0.4%	0.0%
	Cerebrovascular disease/CVA/TIA	0.7%	1.1%	0.7%	1.3%
	Peripheral vascular disease	1.5%	1.6%	0.6%	1.7%
	History of hypertension	56.7%	58.4%	58.3%	66.1%
	Diabetes prim/contrib.	3.0%	2.5%	2.7%	0.9%
	Diabetes on insulin	2.2%	1.7%	1.4%	0.4%
	Chronic obstructive pulmonary disease	0.7%	0.7%	1.1%	0.4%
	Current smoker/tobacco use	3.4%	4.4%	1.9%	2.6%
	Malignant neoplasm/cancer	0.4%	0.7%	0.5%	0.9%
	Alcohol dependence	0.2%	1.1%	0.5%	0.4%
	Drug dependence	0.0%	0.1%	0.0%	0.0%
	Inability to transfer	0.2%	0.0%	0.1%	0.4%
	Inability to ambulate	0.2%	0.6%	0.6%	0.4%
	No comorbidities reported	88.0%	86.4%	89.1%	92.6%
Diabetic	PATIENTS	209	335	299	70
	Congestive heart failure	3.3%	2.4%	3.0%	2.9%
	Ischemic heart disease/CAD	6.2%	6.9%	10.4%	12.9%
	Myocardial infarction	3.8%	3.6%	4.0%	7.1%
	Cardiac arrest	0.5%	1.2%	0.0%	0.0%
	Cardiac dysrhythmia	0.0%	1.5%	0.7%	1.4%
	Pericarditis	0.5%	0.6%	0.7%	0.0%
	Cerebrovascular disease/CVA/TIA	2.4%	2.1%	2.3%	5.7%
	Peripheral vascular disease	7.2%	6.9%	3.0%	15.7%
	History of hypertension	66.0%	70.1%	65.2%	84.3%
	Diabetes prim/contrib.	75.1%	72.2%	70.9%	87.1%
	Diabetes on insulin	70.3%	68.1%	64.2%	72.9%
	Chronic obstructive pulmonary disease	1.4%	0.6%	0.7%	0.0%
	Current smoker/tobacco use	7.7%	3.9%	3.0%	4.3%
	Malignant neoplasm/cancer	1.0%	0.0%	0.3%	0.0%
	Alcohol dependence	1.0%	0.0%	0.7%	1.4%
	Drug dependence	0.0%	0.0%	0.3%	0.0%
	Inability to transfer	0.5%	0.0%	0.0%	0.0%
	Inability to ambulate	0.5%	0.0%	0.0%	0.0%
	No comorbidities reported	10.0%	11.6%	16.7%	5.7%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service.  
 Line labeled PATIENTS gives number of pts in the group. Percentages show percent of group with this comorbid condition.

Table L.20  
 Percent of All ESRD Patients by Primary Disease Causing ESRD  
 and Year of First Service  
 as Reported on HCFA Form 2728, May 1995-June 1998

	Year of First Service			
	1995	1996	1997	1998
PATIENTS	45638	74412	76312	30630
Diabetes	42.3%	43.3%	44.4%	44.6%
Hypertension	25.8%	26.0%	26.6%	26.7%
Glomeruloneph.	11.3%	10.8%	9.9%	9.8%
Cystic Kidney	2.7%	2.5%	2.4%	2.4%
Other Urologic	2.0%	2.0%	1.9%	1.9%
Other Cause	12.1%	11.3%	11.0%	10.8%
Unknown Cause	3.8%	4.0%	3.9%	4.0%
Missing Cause	0.0%	0.0%	0.0%	0.0%

Table L.21  
 Average Characteristics Among All ESRD Patients  
 by Year of First Service  
 as Reported on HCFA Form 2728, May 1995-June 1998

	Year of First Service							
	1995	1996	1997	1998				
	No. of	No. of	No. of	No. of				
	Forms	Forms	Forms	Forms				
	with	with	with	with				
	Mean	Mean	Mean	Mean				
	Value	Value	Value	Value				
Serum albumin (g/dl) {0.8-6.0}	37613	3.25	60994	3.22	61354	3.20	23928	3.19
BUN (mg/dl) {24-250}	41907	93.86	69479	94.07	71547	92.22	28766	91.78
Serum creatinine (mg/dl) {2-33}	45246	8.71	73781	8.52	75600	8.11	30327	8.00
Hematocrit (%) {9-54}	42899	28.01	70417	28.16	72144	28.60	28927	28.66
Hemoglobin (g/dl) {3-18}	39235	9.37	64803	9.44	67141	9.51	26998	9.51
Height (cm) {122-214}	45105	167.63	73490	167.85	75472	167.72	30315	167.68
Weight (kg) {37.5-125}	44114	71.27	71980	71.83	73705	72.13	29618	73.04
Body mass index (kg/m**2)	43760	25.39	71355	25.52	73123	25.67	29383	26.05
GFR by MDRD formula	35152	7.15	57795	7.27	58244	7.63	22729	7.77

Table L.22  
 Percent Completion of Medical Characteristics Among All ESRD Patients  
 by Year of First Service Date  
 as Reported on HCFA Form 2728, May 1995-June 1998

Year of First Service	Serum albumin (g/dl) {0.8-6.0}	BUN (mg/dl) {24-250}	Serum creatinine (mg/dl) {2-33}	Hematocrit (%) {9-54}	Hemoglobin (g/dl) {3-18}	Height (cm) {122-214}	Weight (kg) {37.5-125}	Body mass index (kg/m**2)	GFR by MDRD formula	
	1995	45638.00	3.2%	93.9%	8.7%	28.0%	9.4%	167.6%	71.3%	25.4%
1996	74412.00	3.2%	94.1%	8.5%	28.2%	9.4%	167.9%	71.8%	25.5%	7.3%
1997	76312.00	3.2%	92.2%	8.1%	28.6%	9.5%	167.7%	72.1%	25.7%	7.6%
1998	30630.00	3.2%	91.8%	8.0%	28.7%	9.5%	167.7%	73.0%	26.1%	7.8%

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. All summaries are computed based only on responses in range indicated in {} for the variable.

Table L.23  
Average Characteristics Among All ESRD Patients  
by Sex, Race, Ethnicity, Age Group, Diabetic Status, and Year of First Service  
as Reported on HCFA Form 2728, May 1995-June 1998

	PATIENTS	6.0	{24-250}	{2-33}	{9-54}	{3-18}	214	125	2	formula
		(g/dl)	(mg/dl)	(mg/dl)	rit (%)	(g/dl)	{122-	{37.5-	(kg/m <sup>2</sup> *)	MDRD
		albumin	BUN	creatin-	Hematoc-	bin	(cm)	(kg)	index	GFR by
		Serum	Serum				Height	Weight	mass	
Sex (Q07)										
Female	106123	3.17	88.34	7.62	28.09	9.34	160.61	67.73	26.26	7.04
Male	120869	3.26	97.26	8.99	28.57	9.56	174.00	75.72	25.05	7.78
Race (Q9)										
American Indian/Alaskan Native	3254	3.00	88.51	8.56	27.37	9.12	166.19	73.22	26.54	6.63
Asian	5152	3.21	95.89	8.86	27.97	9.37	160.13	59.14	22.96	6.62
Black	66417	3.16	91.55	9.64	27.24	9.03	168.49	74.17	26.23	7.22
White	140529	3.25	93.77	7.68	28.95	9.68	168.08	71.78	25.44	7.63
Unknown	1522	3.16	94.53	8.61	27.90	9.33	163.70	66.93	24.94	7.00
Pacific Islander	1780	3.07	98.17	9.42	28.13	9.38	162.09	65.60	24.85	6.04
MidEast	577	3.36	98.76	8.83	28.23	9.40	165.29	68.63	25.23	7.08
Indian SubCo	1177	3.16	87.60	8.10	27.85	9.34	161.95	65.12	24.82	7.54
Other/Multi-racial	6584	3.18	93.03	8.89	27.65	9.26	163.30	68.22	25.59	6.84
Hispanic Ethnicity (Q8)										
Hisp: Mex	15340	3.09	90.93	8.26	27.74	9.29	162.78	69.13	26.11	7.27
Hisp Other	10022	3.20	92.92	8.82	27.87	9.32	163.51	67.69	25.31	6.90
Non-Hisp	200691	3.22	93.25	8.33	28.41	9.48	168.33	72.42	25.60	7.47
Unknown	939	3.27	97.09	8.21	29.02	9.71	167.35	70.99	25.35	7.25
Age Group										
Missing	162	3.14	92.63	7.39	27.55	9.26	163.73	61.60	22.95	
0-19	3042	3.38	91.42	9.85	27.05	9.17	158.79	61.61	22.92	11.17
20-44	35761	3.20	93.16	10.78	27.26	9.16	169.69	73.07	25.43	6.59
45-64	77559	3.20	92.98	8.68	28.12	9.38	168.72	76.48	26.98	7.13
65-74	62409	3.23	92.70	7.52	28.77	9.58	167.21	71.25	25.54	7.68
75+	48059	3.22	93.84	7.02	29.06	9.67	165.83	65.49	23.83	7.98
Diabetic Status										
Non-Diabetic	127982	3.29	95.29	9.11	28.25	9.45	168.24	69.78	24.63	7.06
Diabetic	99010	3.11	90.27	7.37	28.47	9.47	167.10	74.80	26.89	7.91
Year of First Service										
1995	45638	3.25	93.86	8.71	28.01	9.37	167.63	71.27	25.39	7.15
1996	74412	3.22	94.07	8.52	28.16	9.44	167.85	71.83	25.52	7.27
1997	76312	3.20	92.22	8.11	28.60	9.51	167.72	72.13	25.67	7.63
1998	30630	3.19	91.78	8.00	28.66	9.51	167.68	73.04	26.05	7.77

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. All summaries are computed based only on responses in range indicated in {} for the variable.

Table L.24  
 Average Characteristics Among All ESRD Patients  
 by Year of First Service and Age Group  
 as Reported on HCFA Form 2728, May 1995-June 1998

Year of First Service		Number of Patients	Serum albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Height (cm)	Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR by MDRD formula
1995	Missing	16	3.24	113.92	9.78	28.00	9.40	162.00	63.07	23.71	
	0-19	702	3.46	93.43	10.04	27.20	9.28	159.24	60.75	22.30	11.23
	20-44	7947	3.22	93.97	11.09	27.01	9.10	169.69	72.33	25.17	6.40
	45-64	16026	3.24	93.76	8.95	27.85	9.31	168.59	75.61	26.71	6.89
	65-74	12196	3.26	93.02	7.79	28.40	9.48	166.97	70.29	25.25	7.38
75+	8751	3.26	95.15	7.31	28.76	9.59	165.46	64.49	23.57	7.65	
1996	Missing	38	3.05	91.47	7.42	26.04	8.88	163.00	60.94	23.05	
	0-19	1060	3.38	91.68	9.86	26.70	9.08	158.98	61.58	22.79	11.40
	20-44	12393	3.20	93.88	10.91	27.07	9.14	169.77	73.03	25.38	6.46
	45-64	25629	3.20	93.99	8.81	27.95	9.36	168.76	76.22	26.88	6.98
	65-74	20248	3.23	94.03	7.64	28.62	9.56	167.31	70.93	25.39	7.52
75+	15044	3.23	94.56	7.17	28.92	9.67	165.94	65.21	23.68	7.79	
1997	Missing	75	3.13	91.14	7.09	27.32	9.10	163.13	59.12	22.18	
	0-19	984	3.34	89.47	9.63	27.43	9.24	157.71	61.61	23.33	11.14
	20-44	10941	3.19	92.00	10.48	27.58	9.24	169.67	73.20	25.50	6.81
	45-64	25514	3.18	92.20	8.50	28.33	9.41	168.78	76.83	27.07	7.31
	65-74	21553	3.21	91.71	7.37	29.00	9.63	167.29	71.56	25.63	7.84
75+	17245	3.21	93.20	6.87	29.22	9.69	165.90	65.83	23.93	8.15	
1998	Missing	33	3.19	88.63	6.87	29.37	9.86	166.76	67.12	24.23	
	0-19	296	3.31	92.11	10.06	26.63	9.01	160.65	63.79	23.48	10.26
	20-44	4480	3.17	92.63	10.57	27.49	9.16	169.54	74.16	25.90	6.76
	45-64	10390	3.18	91.24	8.37	28.43	9.43	168.70	77.60	27.41	7.49
	65-74	8412	3.20	91.58	7.21	29.04	9.62	167.09	72.67	26.11	8.08
75+	7019	3.21	92.28	6.70	29.37	9.73	165.91	66.52	24.22	8.37	

Characteristics of new patients from Medical Evidence Forms certified within 12 months of first service. All summaries are computed based only on responses in range indicated in {} for the variable.

Table L.25  
Average Characteristics Among ALL ESRD Patients by Age, Race,  
Ethnicity, Sex, and Diabetic Status  
as Reported on HCFA Form 2728, May 1995-June 1998

Race American Indian/Alaskan Native

Sex	Age Group	Diabetes	PATI-ENTS	Albumin (Q18c)	BUN (Q18g)	Serum creatinine (Q18e)	Hematocrit	Hemoglobin (bin)	Height (Q13)	Patient weight (Q14)	Patient mass index (Q14)	Body mass index (Q14)	GFR by MDRD formula
Female	0-19	No	20	3.05	78.70	8.50	24.56	8.28	155.76	56.75	21.90	10.39	
		Yes	146	3.27	93.13	11.56	25.49	8.58	161.79	67.98	26.04	4.97	
	20-44	No	119	2.67	75.46	7.96	26.80	8.89	162.31	76.78	29.27	6.48	
		Yes	170	3.20	90.36	8.99	26.26	8.79	161.08	66.69	25.71	5.69	
	45-64	No	675	2.82	82.12	7.31	27.84	9.29	160.54	72.64	28.17	6.55	
		Yes	114	3.20	86.59	7.50	27.30	9.13	159.24	64.64	25.54	6.30	
	65-74	No	352	2.95	84.17	6.60	27.64	9.07	158.76	66.77	26.59	7.14	
		Yes	73	3.24	86.26	7.07	27.61	9.04	156.76	57.39	23.38	6.60	
	75+	No	116	2.98	83.49	6.13	28.54	9.50	157.85	63.17	25.32	7.32	
		Yes	16	3.45	70.62	10.14	27.08	8.99	166.31	64.45	22.68	10.69	
	Male	0-19	No	178	3.28	105.43	13.31	26.62	8.94	174.82	79.66	26.34	5.37
			Yes	122	2.75	84.06	9.09	27.39	9.22	173.07	79.84	26.70	7.28
20-44		No	204	3.15	100.37	11.11	26.74	8.92	175.23	79.79	25.98	5.96	
		Yes	555	2.93	89.69	9.02	27.66	9.25	174.53	82.20	27.12	6.87	
45-64		No	93	3.20	95.27	9.34	27.07	9.02	173.14	70.33	23.38	6.99	
		Yes	176	3.02	89.93	7.87	28.05	9.33	171.44	74.76	25.42	7.77	
65-74		No	73	3.12	107.00	9.25	27.45	9.29	172.45	70.01	23.62	6.49	
		Yes	52	3.22	92.32	6.88	28.40	9.47	169.98	69.90	24.43	8.55	

Race Asian

Sex	Age Group	Diabetes	PATI-ENTS	Albumin (Q18c)	BUN (Q18g)	Serum creatinine (Q18e)	Hematocrit	Hemoglobin (bin)	Height (Q13)	Patient weight (Q14)	Patient mass index (Q14)	Body mass index (Q14)	GFR by MDRD formula
Female	0-19	No	44	3.15	99.43	9.04	25.20	8.44	150.24	47.86	20.76	7.82	
		Yes	*	2.70	88.00	17.30	22.30	7.70	175.00	66.00	21.55	2.87	
	20-44	No	339	3.31	95.57	10.30	25.83	8.55	156.63	52.98	21.59	5.27	
		Yes	56	2.92	86.84	8.80	27.49	9.22	158.52	64.89	25.89	5.94	
	45-64	No	415	3.46	94.13	9.29	27.50	9.20	155.04	54.73	22.75	5.56	
		Yes	392	2.99	88.61	7.72	27.71	9.27	155.90	59.85	24.56	6.44	
	65-74	No	286	3.31	89.24	8.02	28.12	9.38	153.94	52.82	22.31	6.02	
		Yes	425	3.05	88.54	6.86	28.57	9.54	153.54	54.34	23.10	6.88	
	75+	No	320	3.22	92.81	7.20	28.47	9.42	151.23	49.68	21.55	6.66	
		Yes	261	3.04	87.84	6.38	29.07	9.71	151.83	51.84	22.44	7.28	
	Male	0-19	No	35	3.16	92.12	10.73	27.81	9.39	165.29	62.00	22.05	11.85
			Yes	329	3.39	112.72	13.72	25.64	8.71	167.28	63.33	22.66	5.45
20-44		No	65	2.99	91.62	9.65	29.11	9.71	170.02	75.85	26.33	6.85	
		Yes	467	3.42	103.58	11.22	27.80	9.38	166.21	65.98	23.84	5.99	
45-64		No	438	3.05	98.40	9.01	28.42	9.53	167.52	69.38	24.69	7.09	
		Yes	355	3.30	98.84	9.13	28.24	9.49	165.53	60.90	22.27	6.99	
65-74		No	328	3.12	97.83	8.11	28.87	9.72	165.73	63.95	23.37	7.56	
		Yes	360	3.30	97.75	8.09	28.73	9.61	163.13	57.02	21.42	7.35	
75+		No	229	3.10	97.44	7.16	29.54	9.91	163.90	59.93	22.43	8.09	
		Yes											

(CONTINUED)

Age is computed using birthdate and date of first service.  
All summaries are computed based only on responses in range. Ranges are as follows:  
Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
Weight(kg) {37.5-125} Body mass index (kg/m<sup>2</sup>) GFR by MDRD formula  
Values for cells with fewer than 10 patients are suppressed.



Table L.25 (Continued)  
 Average Characteristics Among ALL ESRD Patients by Age, Race,  
 Ethnicity, Sex, and Diabetic Status  
 as Reported on HCFA Form 2728, May 1995-June 1998

Race Black

Sex	Age Group	Diabetes	PATIENTS	Serum Albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Patient Height (cm)	Patient Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR by MDRD formula (ml/min/1.73m <sup>2</sup> )	
Female	0-19	No	367	3.18	89.34	11.11	25.02	8.36	157.30	65.38	25.39	8.25	
		Yes	14	2.83	65.50	7.63	25.27	8.18	160.07	72.50	28.60	11.23	
	20-44	No	4702	3.09	88.35	11.56	25.61	8.55	163.62	70.26	26.33	5.64	
		Yes	1470	2.85	76.82	8.56	26.35	8.70	163.64	76.27	28.61	7.41	
	45-64	No	5473	3.28	91.00	9.79	26.69	8.84	162.74	71.01	26.85	6.23	
		Yes	7872	3.06	82.86	7.97	27.33	8.99	163.00	78.30	29.58	7.26	
	65-74	No	3797	3.27	88.08	8.39	27.38	9.05	161.70	66.09	25.35	6.94	
		Yes	5264	3.13	84.10	7.41	27.80	9.16	162.02	72.57	27.73	7.54	
	75+	No	3397	3.19	87.90	7.60	27.63	9.12	159.89	59.96	23.48	7.43	
		Yes	2357	3.13	84.64	6.95	27.88	9.20	160.75	66.75	25.92	7.90	
	Male	0-19	No	434	3.33	95.38	12.24	26.60	8.98	165.15	66.60	23.14	10.93
			Yes	2	2.89	73.25	8.07	27.46	9.36	171.89	79.11	26.50	15.02
20-44		No	6945	3.11	103.23	13.96	26.94	9.04	176.27	77.84	25.18	6.01	
		Yes	1410	2.92	86.67	10.08	27.40	9.15	175.70	80.65	26.20	8.09	
45-64		No	7201	3.24	101.43	11.67	27.17	9.04	176.04	77.92	25.25	6.72	
		Yes	5958	3.12	93.14	9.30	27.52	9.12	176.52	83.51	26.92	8.15	
65-74		No	3275	3.28	96.50	9.53	27.63	9.14	174.08	73.04	24.18	7.89	
		Yes	2828	3.22	93.52	8.24	28.02	9.26	174.45	79.52	26.25	8.82	
75+		No	2455	3.20	96.28	8.59	28.06	9.28	172.91	68.29	22.88	8.46	
		Yes	1133	3.20	91.88	7.50	28.15	9.34	172.77	74.00	24.91	9.52	

Race White

Sex	Age Group	Diabetes	PATIENTS	Serum Albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Patient Height (cm)	Patient Weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR by MDRD formula (ml/min/1.73m <sup>2</sup> )	
Female	0-19	No	769	3.33	88.44	8.86	27.21	9.21	152.48	56.74	22.65	9.72	
		Yes	13	3.25	71.38	7.45	26.82	8.68	159.69	60.00	23.48	10.64	
	20-44	No	4191	3.44	89.41	9.41	27.40	9.21	161.55	66.19	25.40	6.18	
		Yes	3016	3.02	81.06	7.13	28.33	9.48	161.72	65.18	24.93	7.56	
	45-64	No	7980	3.38	90.82	8.22	28.48	9.54	161.69	67.85	25.96	6.29	
		Yes	11080	3.04	88.59	6.61	28.62	9.51	161.19	75.28	29.06	7.36	
	65-74	No	9087	3.24	89.94	7.20	29.00	9.66	160.48	63.08	24.51	6.79	
		Yes	9899	3.11	90.03	6.14	28.98	9.64	160.10	70.87	27.72	7.68	
	75+	No	10774	3.21	90.70	6.56	29.23	9.73	158.74	58.62	23.30	7.21	
		Yes	4977	3.14	90.94	5.80	29.11	9.67	158.58	65.14	25.98	7.98	
	Male	0-19	No	1047	3.56	92.20	9.31	27.97	9.57	161.23	61.82	22.10	13.06
			Yes	16	2.99	91.06	8.13	27.24	9.19	168.93	65.94	22.97	16.78
20-44		No	6210	3.51	101.67	11.51	27.98	9.50	175.34	77.73	25.36	6.47	
		Yes	4476	3.10	86.75	8.36	28.57	9.66	174.58	74.60	24.52	8.21	
45-64		No	11419	3.39	98.63	9.52	28.99	9.76	175.65	79.18	25.75	6.96	
		Yes	12374	3.17	95.22	7.77	28.91	9.68	174.93	82.31	27.03	8.15	
65-74		No	13775	3.32	96.89	8.18	29.36	9.83	174.53	73.74	24.25	7.68	
		Yes	9495	3.25	97.70	6.98	29.37	9.80	173.92	77.94	25.82	8.77	
75+		No	15128	3.29	98.28	7.46	29.56	9.87	172.87	69.35	23.25	8.18	
		Yes	4710	3.26	98.51	6.49	29.61	9.89	172.72	73.11	24.56	9.22	

(CONTINUED)

Age is computed using birthdate and date of first service.  
 All summaries are computed based only on responses in range. Ranges are as follows:  
 Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serumcreatinine(mg/dl) {2-33}  
 Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
 Weight(kg) {37.5-125} Body mass index (kg/m<sup>2</sup>) GFR by MDRD formula  
 Values for cells with fewer than 10 patients are suppressed.

Table L.25 (Continued)  
 Average Characteristics Among ALL ESRD Patients by Age, Race,  
 Ethnicity, Sex, and Diabetic Status  
 as Reported on HCFA Form 2728, May 1995-June 1998

Race Unknown

Sex	Age Group	Diabetes	PATIENTS	Albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Height (cm)	Patient weight (kg)	Patient Body mass index	GFR by MDRD formula	
Female	0-19	No	10	3.17	101.10	8.88	26.60	8.65	149.43	52.00	22.25	8.98	
		Yes	82	3.16	97.20	10.91	24.95	8.40	158.66	62.26	24.86	5.41	
	20-44	No	36	2.76	85.58	7.78	26.71	8.98	161.63	66.47	25.37	6.71	
		Yes	111	3.26	86.40	9.03	26.46	8.81	159.54	63.43	24.88	5.34	
	45-64	No	145	2.98	82.99	7.21	27.27	9.16	158.02	68.65	27.49	7.13	
		Yes	57	3.36	91.43	7.90	28.99	9.71	157.04	60.38	24.28	6.30	
	65-74	No	115	3.09	84.34	6.95	28.58	9.56	156.66	63.62	25.89	7.19	
		Yes	90	3.24	90.75	6.70	28.82	9.58	154.34	55.61	23.40	7.02	
	75+	No	62	3.11	87.05	6.23	28.76	9.56	153.94	54.80	23.13	7.38	
		Yes	19	3.42	92.00	8.13	26.24	8.97	162.15	58.45	21.33	13.03	
	Male	0-19	No	89	3.36	108.81	13.00	29.30	10.20	173.00	68.00	22.72	22.93
			Yes	38	2.87	82.12	9.19	28.07	9.53	169.08	67.51	23.80	7.75
		20-44	No	145	3.23	100.70	10.66	28.44	9.58	169.59	72.75	25.37	6.06
			Yes	175	3.05	101.62	9.21	28.01	9.29	169.91	75.70	26.28	6.86
45-64		No	112	3.30	100.49	8.75	29.06	9.72	170.24	69.44	24.08	7.26	
		Yes	98	3.11	97.12	7.53	28.16	9.42	170.01	70.95	24.45	8.38	
65-74		No	94	3.25	98.04	7.39	28.68	9.56	168.06	65.04	23.14	8.52	
		Yes	42	3.21	108.15	7.34	29.13	9.62	167.12	64.98	23.31	7.73	

Race Pacific Islander

Sex	Age Group	Diabetes	PATIENTS	Albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Height (cm)	Patient weight (kg)	Patient Body mass index	GFR by MDRD formula	
Female	0-19	No	18	2.95	98.00	10.18	25.83	8.96	156.08	55.00	20.80	10.32	
		Yes	3	3.10	78.00	4.40	40.40	13.50	152.00	39.00	16.88	24.13	
	20-44	No	96	3.20	102.12	12.16	25.79	8.72	157.55	62.40	25.07	4.46	
		Yes	37	2.69	89.92	10.16	26.05	8.58	162.17	73.20	27.94	5.02	
	45-64	No	110	3.36	101.71	10.06	27.55	9.19	156.20	58.94	24.08	5.06	
		Yes	255	2.78	93.55	8.59	27.58	9.18	158.31	68.14	27.17	5.42	
	65-74	No	79	3.28	94.58	8.06	29.62	9.80	154.12	55.08	22.90	5.67	
		Yes	172	2.97	87.14	7.36	28.62	9.45	156.25	59.14	24.22	6.31	
	75+	No	66	3.16	92.22	7.43	28.02	9.25	152.36	52.41	22.55	6.23	
		Yes	67	2.95	84.58	6.11	29.64	10.06	153.48	53.71	22.85	6.91	
	Male	0-19	No	10	3.21	126.89	13.51	27.58	8.86	158.25	56.00	21.02	6.29
			Yes	92	3.31	113.20	14.30	27.83	9.48	169.73	70.22	24.17	5.10
		20-44	No	31	2.83	107.64	12.23	28.29	9.33	171.52	88.46	30.54	5.21
			Yes	126	3.35	108.65	11.73	28.19	9.43	167.99	69.43	24.56	5.50
45-64		No	262	2.90	100.05	9.90	28.03	9.35	170.38	77.24	26.62	6.09	
		Yes	91	3.27	106.43	9.76	27.70	9.27	164.73	62.17	22.81	6.26	
65-74		No	138	3.09	94.83	8.25	29.03	9.71	166.50	67.86	24.45	7.72	
		Yes	87	3.22	99.87	8.20	29.30	9.75	163.72	58.35	21.69	7.46	
75+		No	39	3.29	98.70	6.97	30.59	10.06	164.62	63.05	23.29	8.34	

(CONTINUED)

Age is computed using birthdate and date of first service.  
 All summaries are computed based only on responses in range. Ranges are as follows:  
 Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
 Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
 Weight(kg) {37.5-125} Body mass index (kg/m\*\*2) GFR by MDRD formula  
 Values for cells with fewer than 10 patients are suppressed.

Table L.25 (Continued)  
 Average Characteristics Among ALL ESRD Patients by Age, Race,  
 Ethnicity, Sex, and Diabetic Status  
 as Reported on HCFA Form 2728, May 1995-June 1998

Race MidEast

Sex	Age Group	Diabetes	Serum									
			PATI- , ENTS	Albumin (Q18c)	BUN (Q18g)	creatin- (Q18e)	Hematoc- rit	Hemoglo- bin	Patient (Q13)	Patient (Q14)	Body mass	GFR by MDRD index formula
Female	0-19	No	*	3.32	92.88	9.32	24.00	7.72	150.67	58.67	21.61	11.69
		Yes	*	3.80	169.00	6.30	27.10	8.90	155.00	50.00	20.81	7.38
	20-44	No	27	3.50	94.38	10.02	27.80	9.32	158.81	58.24	22.99	5.16
		Yes	3	3.04	169.00	6.30	27.10	8.90	155.00	50.00	20.81	7.38
	45-64	No	51	3.38	96.69	8.84	27.46	9.12	157.64	64.12	25.90	5.62
		Yes	28	3.08	90.96	7.01	27.56	9.21	154.82	69.19	28.91	7.05
	65-74	No	23	3.29	102.83	8.39	27.39	9.10	157.35	63.91	25.84	6.07
		Yes	36	3.10	90.47	6.47	28.37	9.17	156.43	66.31	26.98	7.12
	75+	No	22	3.23	100.40	7.14	28.74	9.49	156.77	65.95	27.01	6.40
		Yes	*	3.02	90.11	5.72	27.28	8.76	157.00	63.56	26.21	7.20
Male	0-19	No	14	3.65	100.46	12.25	27.40	9.30	159.50	58.22	21.96	11.50
		Yes	*	3.04	82.78	7.46	28.78	9.86	174.89	77.22	25.18	8.50
	20-44	No	56	3.61	106.94	13.15	27.04	9.11	173.11	73.45	24.46	5.85
		Yes	3	3.04	82.78	7.46	28.78	9.86	174.89	77.22	25.18	8.50
	45-64	No	76	3.68	110.20	10.19	28.75	9.87	171.31	71.75	24.70	6.10
		Yes	64	3.22	94.52	7.86	28.37	9.53	169.83	72.89	25.48	7.70
	65-74	No	50	3.34	90.80	8.80	28.62	9.32	169.33	69.51	24.45	7.46
		Yes	47	3.32	101.89	7.47	29.25	9.62	169.55	74.13	26.34	8.04
	75+	No	41	3.38	95.97	7.71	29.26	9.64	166.93	64.20	23.28	8.31
		Yes	14	3.07	110.58	7.23	30.72	10.03	167.36	67.21	24.06	8.45

Race Indian SubCo

Sex	Age Group	Diabetes	Serum									
			PATI- , ENTS	Albumin (Q18c)	BUN (Q18g)	creatin- (Q18e)	Hematoc- rit	Hemoglo- bin	Patient (Q13)	Patient (Q14)	Body mass	GFR by MDRD index formula
Female	0-19	No	*	2.84	74.22	7.50	26.13	8.92	145.00	54.00	21.76	8.16
		Yes	16	2.75	87.75	9.34	26.39	8.97	159.13	71.00	27.73	5.40
	20-44	No	64	3.28	94.05	10.41	25.27	8.40	157.48	61.08	24.59	5.46
		Yes	16	2.75	87.75	9.34	26.39	8.97	159.13	71.00	27.73	5.40
	45-64	No	70	3.24	87.92	8.00	27.53	9.11	154.53	62.10	26.00	6.40
		Yes	136	2.85	82.11	6.54	26.98	9.03	154.46	64.71	27.17	7.47
65-74	No	53	3.34	85.16	7.28	28.02	9.24	153.81	60.12	25.44	6.36	
	Yes	111	3.08	77.45	6.07	28.97	9.71	154.24	63.11	26.70	8.14	
75+	No	28	3.10	84.46	7.29	28.19	9.45	152.21	55.15	23.74	6.83	
	Yes	33	3.00	84.19	5.38	28.87	9.84	153.42	58.82	24.91	8.65	
Male	0-19	No	14	3.54	94.08	10.26	28.85	9.68	163.67	58.88	21.06	11.80
		Yes	25	3.02	85.56	9.19	28.79	9.73	173.04	79.64	25.72	6.99
	20-44	No	93	3.46	97.97	12.20	26.77	9.08	170.30	68.47	23.56	6.25
		Yes	25	3.02	85.56	9.19	28.79	9.73	173.04	79.64	25.72	6.99
	45-64	No	96	3.36	93.77	10.74	27.18	9.14	168.20	66.55	23.62	6.72
		Yes	174	3.05	86.73	8.12	28.28	9.51	168.21	70.46	24.81	8.00
65-74	No	62	3.37	93.30	7.94	28.84	9.62	167.70	67.11	23.91	7.77	
	Yes	107	3.16	91.67	6.97	28.92	9.71	166.63	65.58	23.61	9.02	
75+	No	50	3.09	85.98	7.08	28.52	9.51	165.18	59.94	22.14	8.48	
	Yes	34	3.17	78.94	6.03	28.32	9.44	164.88	61.38	22.45	10.74	

(CONTINUED)

Age is computed using birthdate and date of first service.  
 All summaries are computed based only on responses in range. Ranges are as follows:  
 Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
 Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
 Weight(kg) {37.5-125} Body mass index (kg/m<sup>2</sup>) GFR by MDRD formula  
 Values for cells with fewer than 10 patients are suppressed.

Table L.25 (Continued)  
 Average Characteristics Among ALL ESRD Patients by Age, Race,  
 Ethnicity, Sex, and Diabetic Status  
 as Reported on HCFA Form 2728, May 1995-June 1998

Race Other/Multi-racial

Sex	Age Group	Diabetes	PATIENTS	Serum Albumin (g/dl)	BUN (mg/dl)	Serum creatinine (mg/dl)	Hematocrit (%)	Hemoglobin (g/dl)	Height (cm)	Patient weight (kg)	Body mass index (kg/m <sup>2</sup> )	GFR by MDRD formula
Female	0-19	No	64	3.19	92.66	8.01	26.82	9.13	148.79	55.81	22.70	12.65
		Yes	*	3.60	83.00	11.55	31.00	10.60	153.50	52.50	22.22	6.21
	20-44	No	329	3.43	97.82	10.89	25.47	8.46	158.32	62.50	24.86	5.25
		Yes	144	2.88	83.19	7.87	26.80	8.96	158.92	64.46	25.61	6.52
	45-64	No	347	3.38	97.34	9.74	26.91	8.97	157.56	63.83	25.78	5.24
		Yes	838	2.94	84.05	7.31	27.40	9.13	157.39	68.38	27.68	6.68
	65-74	No	190	3.27	92.99	8.68	27.85	9.23	155.17	57.88	24.11	5.57
		Yes	553	3.06	83.79	6.76	28.17	9.40	156.75	63.91	26.13	7.06
	75+	No	197	3.20	89.07	7.02	28.35	9.43	154.06	55.78	23.59	6.67
		Yes	225	3.08	85.19	6.26	28.75	9.58	155.79	60.43	24.94	7.63
Male	0-19	No	86	3.51	100.76	10.57	26.76	9.05	163.93	64.74	22.98	13.75
		Yes	512	3.35	103.34	13.33	26.35	8.91	169.69	72.83	25.30	5.30
	20-44	No	210	2.89	90.13	9.70	26.71	8.98	169.86	76.20	26.39	6.99
		Yes	608	3.37	103.83	11.14	27.42	9.26	168.70	71.93	25.34	5.81
	45-64	No	1069	3.09	92.30	8.53	28.04	9.39	168.68	74.47	26.21	7.41
		Yes	294	3.37	99.38	9.38	28.39	9.52	167.09	67.50	24.26	6.62
	65-74	No	472	3.18	92.02	7.69	28.71	9.62	168.17	71.28	25.29	8.09
		Yes	266	3.28	96.23	8.43	29.11	9.69	166.10	63.41	23.00	7.47
	75+	No	178	3.22	95.16	7.34	28.79	9.62	166.50	67.52	24.51	8.10
		Yes										

(CONTINUED)

Age is computed using birthdate and date of first service.  
 All summaries are computed based only on responses in range. Ranges are as follows:  
 Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
 Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
 Weight(kg) {37.5-125} Body mass index (kg/m<sup>2</sup>) GFR by MDRD formula  
 Values for cells with fewer than 10 patients are suppressed.

Table L.25 (Continued)  
 Average Characteristics Among ALL ESRD Patients by Age, Race,  
 Ethnicity, Sex, and Diabetic Status  
 as Reported on HCFA Form 2728, May 1995-June 1998

Hispanic Ethnicity (Q8) Hisp: Mexican

Sex	Age Group	Diabetes	Patient Characteristics										
			PATI-ENTS	Alb umi n	BUN	Serum creatin-ine	Hematoc-rit	Hemoglo-bin	Height	Patient weight	Patient mass	GFR by MDRD formula	
Female	0-19	No	146	3.22	87.61	9.65	25.84	8.73	150.22	54.69	22.54	9.18	
		Yes	*	2.96	77.20	9.16	28.32	8.90	160.40	63.80	24.99	9.52	
	20-44	No	724	3.32	97.38	10.61	25.27	8.49	157.99	63.64	25.52	5.53	
		Yes	368	2.79	80.33	7.39	27.11	9.11	157.92	69.20	27.81	7.10	
	45-64	No	622	3.32	93.30	9.20	26.97	9.04	157.41	65.81	26.66	5.71	
		Yes	2428	2.87	84.66	6.92	27.76	9.24	157.03	69.56	28.25	7.03	
	65-74	No	484	3.24	89.26	7.59	28.12	9.36	155.96	61.19	25.18	6.51	
		Yes	1744	3.01	84.36	6.42	28.25	9.42	156.00	64.26	26.49	7.48	
	75+	No	454	3.17	87.63	6.63	28.46	9.44	153.85	55.56	23.53	7.37	
		Yes	620	3.02	84.04	5.78	28.39	9.50	153.99	59.69	25.29	8.24	
	Male	0-19	No	175	3.45	100.53	11.09	26.01	8.86	160.97	61.70	22.25	11.86
			Yes	*	4.10	111.00	11.75	25.15	8.45	166.50	65.50	23.41	5.15
20-44		No	982	3.37	107.39	13.49	26.26	8.92	169.97	73.26	25.43	5.56	
		Yes	495	2.80	89.14	9.32	27.43	9.25	170.59	77.97	26.86	7.31	
45-64		No	890	3.28	98.81	10.49	27.59	9.27	169.98	74.88	25.99	6.47	
		Yes	2455	3.02	91.29	8.44	27.95	9.38	169.72	76.66	26.66	7.59	
65-74		No	616	3.26	94.74	8.69	28.36	9.51	169.36	69.05	24.08	7.52	
		Yes	1275	3.10	91.94	7.54	28.48	9.55	168.32	71.28	25.17	8.28	
75+		No	413	3.24	96.19	7.75	28.88	9.64	166.63	64.01	23.16	7.94	
		Yes	436	3.16	93.44	6.61	29.17	9.75	166.51	66.61	24.06	9.20	

Hispanic Ethnicity (Q8) Hisp Other

Sex	Age Group	Diabetes	Patient Characteristics										
			PATI-ENTS	Alb umi n	BUN	Serum creatin-ine	Hematoc-rit	Hemoglo-bin	Height	Patient weight	Patient mass	GFR by MDRD formula	
Female	0-19	No	99	3.18	92.91	9.51	26.08	8.69	152.80	58.20	23.09	9.75	
		Yes	*	3.70	88.50	12.70	31.65	11.70	154.50	51.50	21.49	13.42	
	20-44	No	524	3.33	94.90	10.83	25.61	8.59	159.01	62.53	24.64	5.27	
		Yes	220	2.86	82.41	7.85	26.63	8.85	158.75	64.08	25.38	6.43	
	45-64	No	597	3.37	93.97	9.45	27.16	9.07	158.03	63.04	25.27	5.61	
		Yes	1135	2.97	83.86	7.19	27.79	9.24	157.93	67.83	27.29	7.01	
	65-74	No	352	3.30	89.92	8.20	28.00	9.27	155.88	59.33	24.44	6.10	
		Yes	778	3.09	84.18	6.78	28.47	9.49	157.02	63.94	26.00	7.14	
	75+	No	339	3.20	90.79	7.09	28.24	9.37	154.64	56.40	23.70	6.79	
		Yes	363	3.14	87.58	6.43	29.43	9.76	155.90	60.44	24.93	7.36	
	Male	0-19	No	117	3.52	104.97	10.78	26.24	8.90	162.89	66.12	23.42	10.21
			Yes	*	2.63	68.25	10.28	24.65	8.48	167.50	66.50	23.84	11.55
20-44		No	790	3.34	104.25	13.08	26.69	9.02	169.92	72.22	25.05	5.59	
		Yes	288	3.00	90.11	9.04	27.47	9.21	169.36	73.80	25.63	7.62	
45-64		No	933	3.37	101.77	10.86	27.85	9.38	168.93	71.82	25.15	6.22	
		Yes	1473	3.10	93.55	8.61	28.16	9.43	168.64	74.43	26.22	7.40	
65-74		No	515	3.34	97.19	9.28	28.30	9.48	167.98	67.46	23.97	6.90	
		Yes	740	3.21	91.80	7.59	29.07	9.72	167.59	70.29	25.12	8.14	
75+		No	464	3.29	94.53	8.28	28.90	9.67	166.89	63.42	22.80	7.58	
		Yes	286	3.25	94.73	7.26	28.76	9.60	167.19	67.57	24.30	8.31	

(CONTINUED)

Age is computed using birthdate and date of first service.  
 All summaries are computed based only on responses in range. Ranges are as follows:  
 Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
 Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
 Weight(kg) {37.5-125} Body mass index (kg/m\*\*2) GFR by MDRD formula  
 Values for cells with fewer than 10 patients are suppressed.

Table L.25 (Continued)  
Average Characteristics Among ALL ESRD Patients by Age, Race,  
Ethnicity, Sex, and Diabetic Status  
as Reported on HCFA Form 2728, May 1995-June 1998

Hispanic Ethnicity (Q8) Non-Hisp

Sex	Age Group	Diabetes	PATIENTS	Albumin (Q18c)	BUN (Q18g)	Serum creatinine (Q18e)	Hematocrit	Hemoglobin (Q13)	Patient Height (Q13)	Patient Weight (Q14)	Body mass index	GFR by MDRD formula	
Female	0-19	No	1054	3.27	89.26	9.46	26.53	8.96	154.29	59.67	23.54	9.34	
		Yes	23	3.01	66.48	7.32	26.31	8.74	159.57	66.48	26.17	11.08	
	20-44	No	8694	3.25	88.72	10.57	26.50	8.87	162.70	68.07	25.76	5.87	
		Yes	4292	2.97	79.75	7.67	27.70	9.23	162.72	68.94	26.07	7.47	
	45-64	No	13452	3.34	90.95	8.86	27.75	9.25	162.05	68.77	26.19	6.25	
		Yes	17782	3.06	86.44	7.24	28.07	9.29	162.31	76.84	29.25	7.27	
	65-74	No	12789	3.25	89.44	7.56	28.53	9.49	160.81	63.80	24.69	6.81	
		Yes	14319	3.12	88.25	6.61	28.58	9.47	160.99	71.57	27.68	7.61	
	75+	No	14093	3.20	90.10	6.82	28.84	9.58	158.95	58.83	23.30	7.24	
		Yes	7088	3.14	89.12	6.20	28.72	9.52	159.38	65.53	25.85	7.90	
	Male	0-19	No	1377	3.49	91.73	10.05	27.82	9.47	162.77	63.22	22.36	12.74
			Yes	20	2.97	85.37	7.30	28.32	9.59	171.11	71.90	24.40	18.33
20-44		No	12683	3.30	102.45	12.79	27.46	9.27	176.03	77.75	25.18	6.25	
		Yes	5575	3.07	86.54	8.78	28.34	9.56	175.16	76.03	24.83	8.19	
45-64		No	18444	3.34	99.94	10.38	28.28	9.48	175.78	78.48	25.49	6.84	
		Yes	17071	3.16	94.95	8.30	28.50	9.50	175.97	83.10	26.97	8.13	
65-74		No	16888	3.31	96.97	8.45	29.02	9.70	174.39	73.44	24.20	7.71	
		Yes	11630	3.25	97.28	7.28	29.08	9.68	174.35	78.52	25.89	8.78	
75+		No	17593	3.28	98.10	7.63	29.33	9.78	172.77	69.03	23.16	8.21	
		Yes	5673	3.25	97.52	6.70	29.36	9.79	172.75	73.13	24.57	9.23	

Hispanic Ethnicity (Q8) Unknown

Sex	Age Group	Diabetes	PATIENTS	Albumin (Q18c)	BUN (Q18g)	Serum creatinine (Q18e)	Hematocrit	Hemoglobin (Q13)	Patient Height (Q13)	Patient Weight (Q14)	Body mass index	GFR by MDRD formula	
Female	0-19	No	11	3.57	83.36	6.75	28.53	9.45	155.67	62.50	24.60	12.51	
		Yes	*	2.90	87.00	8.90	18.20	5.80	170.00	54.00	18.69	6.74	
	20-44	No	34	3.39	87.39	9.54	27.27	9.06	160.67	61.73	23.91	6.40	
		Yes	15	3.02	81.86	7.81	28.94	9.87	162.80	65.85	24.83	7.68	
	45-64	No	56	3.37	92.79	9.27	28.65	9.60	161.25	67.81	26.06	5.50	
		Yes	76	3.08	88.22	7.67	29.25	9.61	161.84	79.30	30.28	7.01	
	65-74	No	61	3.37	93.21	7.75	28.66	9.63	160.90	62.14	23.69	6.84	
		Yes	86	3.05	95.46	6.43	29.46	9.74	159.94	68.18	26.78	7.41	
	75+	No	81	3.28	97.62	7.03	29.45	9.96	159.17	57.67	22.73	6.84	
		Yes	36	3.00	84.03	5.83	29.46	9.69	157.43	62.69	25.37	8.21	
	Male	0-19	No	*	3.84	90.33	9.37	30.12	10.37	164.50	58.50	21.51	7.91
			Yes	49	3.14	98.07	11.30	28.02	9.54	173.88	78.04	25.95	6.56
20-44		No	28	3.36	82.78	8.90	29.52	9.99	175.11	78.46	25.71	8.06	
		Yes	75	3.35	107.83	10.96	28.17	9.61	175.12	79.44	25.93	5.99	
45-64		No	70	3.14	106.00	8.77	27.98	9.30	176.69	82.00	26.34	7.37	
		Yes	88	3.38	103.59	8.40	29.56	9.83	173.66	74.20	24.78	7.09	
65-74		No	44	3.23	100.70	7.69	29.32	9.74	173.14	78.68	26.09	8.54	
		Yes	84	3.37	101.81	7.39	30.73	10.33	172.61	68.95	23.18	7.95	
75+		No	36	3.42	106.86	7.25	28.51	9.44	172.11	69.58	23.58	8.45	

Age is computed using birthdate and date of first service.  
All summaries are computed based only on responses in range. Ranges are as follows:  
Serum alb(g/dl) {0.8-6.0} BUN(mg/dl) {24-250} Serum creatinine(mg/dl) {2-33}  
Hematocrit(%) {9-54} Hemoglobin(g/dl) {3-18} Height(cm) {122-214}  
Weight(kg) {37.5-125} Body mass index (kg/m\*2) GFR by MDRD formula  
Values for cells with fewer than 10 patients are suppressed.