

**Table D.1**  
**Total ESRD Patient Deaths**  
**by Year, Age at Death, Race, Sex, and Primary Disease Causing ESRD**

	YEAR									
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	N	N	N	N	N	N	N	N	N	N
<b>AGE AT DEATH</b>										
0- 4	24	23	29	27	20	16	18	25	22	27
5- 9	*	*	22	12	12	12	*	11	17	*
10- 14	24	23	30	17	18	17	14	21	21	23
15- 19	50	47	56	46	42	41	43	53	47	47
20- 24	133	151	120	130	139	135	125	132	147	117
25- 29	342	349	344	311	353	336	338	358	366	371
30- 34	629	634	635	632	673	692	759	797	815	786
35- 39	852	859	955	957	1068	1131	1159	1261	1278	1276
40- 44	919	1045	1185	1258	1404	1429	1575	1791	1847	1888
45- 49	1163	1213	1384	1440	1671	1779	1987	2242	2482	2657
50- 54	1583	1668	1777	1860	2055	2235	2523	2837	3077	3371
55- 59	2281	2421	2457	2552	2823	3141	3490	3676	3970	4291
60- 64	3318	3481	3644	3953	4254	4435	4766	5179	5514	5868
65- 69	4283	4762	5253	5657	6158	6642	6977	7459	7857	8458
70- 74	4025	4508	5053	5693	6730	7358	7966	8702	9270	9809
75- 79	3296	3822	4299	4712	5379	6143	6441	7257	8236	9092
80- 84	1817	2216	2448	2903	3335	3830	4355	4912	5424	6148
85 +	754	966	1117	1375	1644	1950	2282	2520	2916	3556
<b>RACE</b>										
Native Amer.	255	281	350	381	437	504	551	631	754	788
Asian	616	573	626	621	732	766	1023	1197	1504	1595
Black	6690	7726	8202	8970	10010	11220	12409	13814	14839	15944
White	17747	19424	21548	23482	26489	28691	30689	33272	35712	38689
Unknown	51	40	32	20	39	62	47	71	56	79
Other	142	152	50	61	71	79	105	248	441	698
<b>SEX</b>										
Male	13956	15311	16610	17887	20171	21806	23705	25945	28144	30202
Female	11545	12885	14198	15648	17607	19516	21119	23288	25162	27591
<b>PRIMARY DIAGNOSIS</b>										
Diabetes	7626	8611	10010	11472	13389	14958	16419	18856	21786	23881
Hypertension	7144	8186	9118	10242	11510	12644	13732	14769	15439	16572
Glomeruloneph.	3148	3329	3563	3561	3853	3956	4195	4557	4923	5158
Cystic Kidney	744	767	818	782	838	936	920	1072	1123	1172
Other Urologic	486	539	556	546	563	602	647	746	873	893
Other Cause	2571	2779	3016	3224	3596	3822	4168	4829	5781	6008
Unknown Cause	1960	2058	1881	1886	2154	2135	2029	2242	2343	2473
Missing Disease	1822	1927	1846	1822	1875	2269	2714	2162	1038	1636
<b>TOTAL</b>	<b>25501</b>	<b>28196</b>	<b>30808</b>	<b>33535</b>	<b>37778</b>	<b>41322</b>	<b>44824</b>	<b>49233</b>	<b>53306</b>	<b>57793</b>

\* Values for cells with fewer than 10 patients are suppressed.  
 "." Represents missing values, "0.0" Represents a rate less than 0.1.

Table D.2  
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 1 All Dialysis Patients.

At risk until death, Tx, or end of year.

AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	226.8	191.8	173.6	171.0	272.3	270.0	215.2	244.5	211.5	315.7	200.2	150.1	131.5	146.9	245.7
0-14	56.8	59.8	37.7	59.3	60.1	56.8	59.8	37.7	59.3	60.1	56.8	59.8	37.7	59.3	60.1
15-19	32.4	39.8	21.5	32.8	35.4	80.0	72.6	56.1	77.9	91.6	31.7	27.4	15.8	30.8	32.2
20-24	39.1	42.7	25.9	43.5	38.9	99.9	79.6	67.6	100.0	103.9	35.6	32.3	20.1	39.1	34.3
25-29	56.6	48.7	30.7	52.0	62.8	143.3	87.9	91.7	133.4	144.5	40.8	39.1	21.7	40.3	42.6
30-34	76.7	81.4	39.6	66.4	88.1	149.3	105.9	85.2	125.0	161.8	54.5	64.4	31.9	56.1	54.5
35-39	88.0	88.3	39.9	72.2	109.6	173.2	154.0	101.2	131.5	196.4	61.0	54.8	29.0	61.1	66.1
40-44	102.9	97.9	56.9	84.6	128.4	180.2	137.6	141.8	140.1	208.8	74.0	66.9	37.5	71.2	84.0
45-49	122.5	116.7	76.7	104.4	145.9	177.8	141.6	139.3	131.5	216.7	93.3	82.4	53.5	93.2	98.7
50-54	151.2	149.9	110.1	125.0	179.1	194.5	148.5	163.8	153.8	235.2	118.8	152.0	76.1	106.7	133.7
55-59	180.1	166.1	129.0	150.8	211.1	214.8	180.0	171.7	169.7	261.5	145.9	129.2	93.7	132.5	163.0
60-64	217.2	188.3	169.5	178.9	252.1	241.8	195.4	209.2	191.4	288.1	191.9	173.9	129.3	165.1	217.0
65-69	267.7	270.8	211.5	216.5	302.6	298.0	284.1	263.3	232.6	345.1	238.2	215.7	160.2	196.9	266.4
70-74	317.0	293.5	264.4	262.7	347.8	348.2	299.3	302.5	276.0	395.9	294.6	283.2	230.8	248.2	318.4
75-79	376.1	346.2	300.0	327.6	399.6	416.5	395.3	367.0	344.4	459.0	356.6	275.0	252.4	313.0	377.3
80-84	452.8	373.1	342.6	393.1	481.0	502.7	366.2	425.2	411.0	563.6	437.7	382.5	301.9	383.4	460.9
85 up	570.4	557.3	533.7	489.2	603.8	592.6	553.0	509.3	537.5	628.1	563.2	510.8	522.6	473.7	596.2

Standard error of death rate

FOR Year: 1997.

Modality group: 1 All Dialysis Patients.

At risk until death, Tx, or end of year.

AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	1.1	3.9	2.5	0.9	1.0	2.4	8.8	8.4	2.6	2.7	1.6	9.6	4.7	1.6	1.9
0-14	4.2	16.3	9.6	8.1	5.6	4.2	16.3	9.6	8.1	5.6	4.2	16.3	9.6	8.1	5.6
15-19	2.8	9.0	4.6	3.8	3.5	16.8	18.0	13.7	16.8	19.7	2.6	6.4	3.5	3.9	3.5
20-24	1.9	8.5	4.6	2.8	2.5	10.9	18.7	15.9	14.5	14.9	1.8	6.8	3.8	2.9	2.6
25-29	1.7	8.4	4.7	2.3	2.5	6.7	19.3	19.6	11.1	8.9	1.5	7.4	3.8	2.3	2.4
30-34	1.6	10.7	5.0	2.1	2.3	4.6	19.2	15.9	8.1	6.1	1.5	10.5	4.7	2.3	2.4
35-39	1.5	9.8	4.3	1.8	2.3	4.1	22.2	15.5	6.9	5.7	1.4	8.4	3.9	2.0	2.3
40-44	1.4	8.9	4.7	1.7	2.3	3.5	15.5	17.3	5.6	5.2	1.4	9.4	4.2	1.9	2.4
45-49	1.4	8.1	5.1	1.8	2.1	2.8	11.8	13.1	4.1	4.4	1.5	10.4	5.2	2.1	2.4
50-54	1.5	8.9	6.1	1.9	2.2	2.5	11.0	12.2	3.8	4.1	1.7	16.5	6.7	2.4	2.7
55-59	1.5	8.8	6.3	2.0	2.3	2.4	11.0	11.1	3.4	3.9	1.9	15.2	7.6	2.8	3.0
60-64	1.6	9.3	6.9	2.1	2.2	2.3	11.5	11.2	3.4	3.6	2.0	18.3	9.0	3.1	3.1
65-69	1.7	11.4	7.0	2.3	2.2	2.5	14.5	11.8	3.8	3.7	2.1	19.9	9.1	3.4	2.9
70-74	1.9	14.0	7.9	2.8	2.3	2.9	18.2	13.3	4.7	4.3	2.2	24.4	10.7	3.9	3.0
75-79	2.3	19.8	9.9	4.0	2.8	4.2	29.7	18.7	7.1	6.0	2.7	26.4	12.2	5.4	3.4
80-84	3.4	29.9	14.0	6.2	4.1	7.4	41.2	29.2	12.6	10.6	3.8	43.3	16.7	8.0	4.8
85 up	6.0	58.0	28.6	10.3	7.1	15.1	89.3	50.3	26.0	21.5	6.4	66.2	35.9	12.2	8.2

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 1 All Dialysis Patients.

At risk until death, Tx, or end of year.

AND SEX: Male

Table with columns for Age, Sex, Race, and Disease Status (All, Diabetes, Non-Diabetes). Rows list death rates per 1000 patient years at risk for various age groups (0-14 to 85+).

Standard error of death rate

FOR Year: 1997.

Modality group: 1 All Dialysis Patients.

At risk until death, Tx, or end of year.

AND SEX: Male

Table with columns for Age, Sex, Race, and Disease Status (All, Diabetes, Non-Diabetes). Rows list standard errors of death rates for various age groups (0-14 to 85+).

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

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Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 1 All Dialysis Patients,

At risk until death, Tx, or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	231.7	201.2	169.5	186.0	275.2	271.8	222.5	239.7	223.7	318.5	201.0	153.9	126.8	156.5	243.9
0-14	60.3	61.4	34.3	62.8	64.5	60.3	61.4	34.3	62.8	64.5	60.3	61.4	34.3	62.8	64.5
15-19	33.7	44.3	19.1	36.0	38.0	93.2	76.2	57.2	87.9	109.5	31.6	27.8	13.5	31.6	32.4
20-24	45.1	44.7	26.2	52.8	43.5	124.2	84.0	66.0	114.9	135.0	37.8	30.1	19.4	44.5	34.3
25-29	61.9	55.7	30.6	58.2	67.6	145.8	92.5	88.6	130.0	151.5	44.0	39.6	20.6	44.5	44.9
30-34	82.4	82.3	44.5	69.4	94.7	157.8	111.3	93.0	132.7	170.4	59.1	57.5	32.4	56.5	62.3
35-39	91.9	94.4	39.4	72.9	119.4	181.6	147.0	108.8	130.3	217.6	62.7	57.4	27.9	60.0	73.8
40-44	105.7	123.8	52.8	90.0	128.3	181.9	162.5	122.6	145.7	211.3	74.7	76.8	39.2	72.8	84.3
45-49	123.5	121.4	72.8	105.3	147.3	179.9	153.5	137.2	135.2	224.7	89.9	79.1	52.6	89.2	97.7
50-54	154.9	149.9	104.4	127.3	185.9	198.9	149.0	185.1	154.3	250.4	118.2	143.9	64.9	105.5	134.7
55-59	185.3	149.1	122.6	161.8	215.6	216.1	171.1	169.5	179.1	264.2	149.7	105.1	88.3	139.2	166.7
60-64	214.5	183.4	156.9	181.9	250.9	238.2	195.4	211.2	194.0	288.0	184.4	153.8	107.5	165.7	207.1
65-69	259.4	294.0	207.0	210.4	298.5	283.4	307.9	274.9	225.0	329.5	228.7	205.4	137.8	188.3	263.2
70-74	308.1	284.5	241.8	259.2	345.1	334.5	299.7	272.4	272.3	385.9	282.7	244.5	210.3	242.6	311.1
75-79	369.2	331.7	288.8	325.6	399.5	405.2	351.2	353.1	339.4	458.1	345.3	274.3	235.0	310.5	369.3
80-84	441.3	322.3	363.4	392.6	473.0	475.4	339.8	505.6	389.7	538.3	425.4	311.1	282.1	389.0	449.9
85 up	552.6	487.9	522.3	472.8	599.2	552.6	506.4	488.7	517.6	580.6	548.2	413.8	496.5	455.5	596.0

Standard error of death rate

FOR Year: 1997.

Modality group: 1 All Dialysis Patients,

At risk until death, Tx, or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	2.1	7.0	4.6	1.6	1.8	2.8	14.0	12.8	4.0	4.5	2.0	14.2	7.1	2.8	3.3
0-14	6.6	16.9	8.9	11.4	8.6	6.6	16.9	8.9	11.4	8.6	6.6	16.9	8.9	11.4	8.6
15-19	3.7	10.3	4.3	5.5	5.2	19.8	18.5	13.7	18.8	23.5	3.6	6.6	3.1	5.1	4.7
20-24	2.8	9.7	5.3	4.7	4.0	15.4	19.6	15.3	18.5	21.7	2.7	6.8	4.1	4.6	3.7
25-29	2.6	10.9	5.7	3.9	4.1	9.5	20.3	19.7	14.4	13.2	2.4	8.4	4.1	3.8	3.8
30-34	2.5	13.7	7.2	3.6	4.0	7.2	22.0	19.1	12.0	10.1	2.4	11.1	5.8	3.6	3.9
35-39	2.3	14.3	5.7	3.1	4.1	6.6	25.9	19.6	9.7	10.3	2.2	10.8	4.6	3.2	4.0
40-44	2.3	15.7	6.4	3.1	3.9	5.5	23.8	20.3	8.5	8.8	2.2	13.6	5.6	3.3	4.0
45-49	2.1	12.7	7.3	3.1	3.6	4.3	17.9	18.2	6.1	7.3	2.3	13.2	6.8	3.6	3.9
50-54	2.2	13.3	9.2	3.2	3.7	3.8	15.5	20.5	5.4	6.8	2.7	21.3	8.3	4.0	4.4
55-59	2.3	12.0	9.4	3.3	3.7	3.4	14.8	16.1	5.0	6.1	2.9	16.7	10.3	4.6	4.8
60-64	2.2	13.0	10.0	3.2	3.5	3.1	15.4	16.5	4.7	5.4	3.0	22.1	11.4	4.7	4.8
65-69	2.2	16.7	10.2	3.3	3.4	3.2	20.0	16.9	4.8	5.2	3.0	26.2	11.8	4.8	4.7
70-74	2.5	18.3	11.2	3.9	3.6	3.8	22.5	17.1	6.0	6.0	3.3	29.8	15.0	5.5	4.8
75-79	3.2	25.7	14.5	5.5	4.5	5.5	33.4	24.8	8.9	8.7	4.0	34.9	17.4	7.5	5.5
80-84	4.8	35.1	21.8	8.6	6.5	9.5	45.9	45.2	15.5	14.9	5.6	46.3	23.4	11.1	7.6
85 up	8.2	65.7	43.7	13.7	11.3	18.9	88.9	64.3	31.8	28.3	9.1	67.6	52.2	15.9	13.0

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 2 Hemodialysis Pts, 60 days on hemo,

At risk until death, Tx, or end of year,

AND SEX: All

Table with columns for Age, Sex, Race, and Disease Status (All, Diabetes, Non-Diabetes). Rows list death rates per 1000 patient years at risk for various age groups (0-14 to 85 up).

Standard error of death rate

FOR Year: 1997.

Modality group: 2 Hemodialysis Pts, 60 days on hemo,

At risk until death, Tx, or end of year,

AND SEX: All

Table with columns for Age, Sex, Race, and Disease Status (All, Diabetes, Non-Diabetes). Rows list standard error of death rate for various age groups (0-14 to 85 up).

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Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

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Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk  
 FOR Year: 1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND SEX: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	220.7	180.0	182.6	155.6	270.4	260.5	199.3	247.9	190.5	306.6	200.6	151.9	143.6	140.0	251.5
0-14	51.5	45.7	27.5	52.9	56.7	51.5	45.7	27.5	52.9	56.7	51.5	45.7	27.5	52.9	56.7
15-19	35.0	36.1	22.9	32.0	37.6	83.5	62.1	47.7	68.1	89.7	30.5	23.6	15.1	28.1	29.6
20-24	35.5	47.2	26.6	33.9	39.6	84.3	71.3	58.3	75.2	92.7	33.4	32.4	18.1	31.3	35.8
25-29	49.3	47.1	31.7	47.0	53.7	136.1	81.9	66.0	110.7	138.4	37.0	34.7	23.4	38.7	36.9
30-34	71.4	68.7	37.9	62.4	83.9	145.2	95.4	75.4	107.4	164.9	51.1	51.4	29.4	54.7	49.0
35-39	83.2	80.9	47.9	69.4	102.7	166.5	120.1	90.5	128.1	186.9	59.7	57.7	37.4	59.5	63.4
40-44	98.2	78.3	62.9	79.3	127.8	172.5	110.4	132.7	127.1	206.7	73.5	63.8	41.2	69.5	85.9
45-49	117.0	119.4	80.3	102.8	137.6	166.0	144.5	132.2	129.8	196.6	94.6	87.6	57.6	94.5	99.0
50-54	140.3	145.2	106.8	120.7	162.6	175.7	152.7	148.5	149.6	202.7	115.9	130.9	77.7	106.3	129.3
55-59	168.6	179.6	138.7	139.0	198.0	200.7	183.8	175.2	156.9	240.7	141.8	162.6	107.8	127.2	159.3
60-64	210.7	188.6	178.6	171.5	243.3	233.5	193.8	219.4	181.9	273.7	192.1	186.5	139.5	162.6	219.0
65-69	267.8	226.5	210.7	219.5	298.8	305.3	223.2	249.7	241.3	349.7	240.4	240.4	174.9	201.8	264.4
70-74	317.6	307.4	287.5	265.1	341.2	353.3	283.7	334.9	276.9	391.6	299.0	326.5	248.8	254.8	317.6
75-79	376.7	381.7	311.2	328.9	393.0	422.1	459.1	364.5	353.1	446.9	360.7	309.0	277.0	313.8	377.5
80-84	456.8	455.8	333.3	384.6	481.3	530.8	405.9	340.0	443.5	582.9	442.0	477.9	340.1	367.4	463.5
85 up	579.7	626.4	520.2	518.4	596.3	656.0	486.3	526.3	548.0	692.3	566.1	644.9	497.7	503.5	582.9

Standard error of death rate  
 FOR Year: 1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND SEX: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	1.8	7.2	4.9	1.4	1.6	3.1	14.7	13.4	4.1	4.4	1.9	13.9	7.8	2.4	3.0
0-14	8.8	14.5	8.4	11.9	11.7	8.8	14.5	8.4	11.9	11.7	8.8	14.5	8.4	11.9	11.7
15-19	4.4	9.0	5.5	5.3	5.9	18.6	15.6	11.8	15.0	19.5	4.1	5.9	3.6	4.9	5.0
20-24	2.7	10.9	5.8	3.8	4.2	14.8	17.3	14.0	15.1	17.5	2.8	7.7	4.0	3.8	4.2
25-29	2.5	10.1	6.2	3.5	4.0	12.1	19.3	15.1	15.9	15.6	2.4	7.8	4.8	3.4	3.6
30-34	2.4	13.1	6.7	3.4	4.0	7.7	20.7	16.1	11.7	10.7	2.4	10.8	5.7	3.5	3.7
35-39	2.2	12.9	7.4	2.9	3.8	6.9	23.0	17.7	11.4	9.5	2.2	10.9	6.5	3.0	3.7
40-44	2.1	11.1	8.2	2.7	3.8	5.8	17.8	22.7	8.7	8.7	2.2	11.5	6.6	2.9	4.1
45-49	2.1	13.0	8.8	2.8	3.6	4.6	17.8	18.4	7.0	7.2	2.3	14.9	8.3	3.3	4.1
50-54	2.2	14.3	9.7	3.2	3.7	4.1	17.4	16.7	6.6	6.5	2.7	20.8	10.3	3.8	4.6
55-59	2.4	15.7	11.1	3.4	3.9	4.1	18.6	17.7	6.1	6.6	3.0	25.1	12.9	4.4	5.0
60-64	2.5	16.6	12.1	3.8	3.9	4.1	19.9	19.2	6.4	6.4	3.4	27.6	14.7	5.1	5.3
65-69	2.7	19.0	12.6	4.4	3.8	4.7	22.8	20.3	7.8	6.9	3.5	32.1	15.9	5.8	4.9
70-74	3.0	28.2	14.8	5.5	3.9	5.6	35.3	25.6	9.8	7.7	3.7	41.1	18.4	7.1	4.8
75-79	3.6	39.0	17.6	7.7	4.5	7.9	62.4	32.6	14.9	10.5	4.3	42.7	21.0	9.6	5.4
80-84	5.3	59.1	23.2	11.9	6.6	14.1	69.9	39.8	27.2	19.2	6.1	74.8	29.0	14.1	7.5
85 up	9.4	100.8	44.4	21.1	11.7	30.0	104.6	76.0	52.1	40.8	10.6	111.0	51.3	24.1	12.9

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with  
 small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from  
 the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk
FOR Year: 1997.
Modality group: 2 Hemodialysis Pts, 60 days on hemo.
At risk until death, Tx, or end of year.
AND SEX: Female
Table with columns for Age, Race, Diabetes status, and Death Rates per 1000 patient years at risk.

Standard error of death rate
FOR Year: 1997.
Modality group: 2 Hemodialysis Pts, 60 days on hemo.
At risk until death, Tx, or end of year.
AND SEX: Female
Table with columns for Age, Race, Diabetes status, and Standard Error of Death Rate.

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.
Deaths resulting from street drugs and accidents unrelated to treatment are not counted.
Includes all patients who have reached day 91 of ESRD by the end of the year.
Death rates are considered accurate to within plus or minus the standard error.
See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.
The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk  
 FOR Year: 1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	226.6	189.3	135.4	162.0	261.1	317.9	255.8	251.1	253.3	348.6	178.4	113.0	87.8	121.9	212.0
0-14	66.5	57.1	33.3	78.9	65.1	66.5	57.1	33.3	78.9	65.1	66.5	57.1	33.3	78.9	65.1
15-19	30.7	32.3	15.7	31.5	38.3	77.7	59.6	47.1	73.4	85.4	28.5	18.6	11.4	26.2	29.5
20-24	30.5	38.9	19.1	40.2	38.1	77.0	70.5	56.5	82.7	91.4	30.3	23.4	14.0	34.9	31.0
25-29	61.8	55.6	29.1	50.8	68.5	132.4	82.7	77.1	111.2	134.5	43.1	35.7	19.2	40.4	44.7
30-34	74.8	65.2	34.9	69.5	80.1	124.9	96.6	92.7	119.1	128.0	55.1	43.3	23.7	59.6	53.8
35-39	96.0	74.8	40.9	80.2	111.2	177.2	124.2	100.1	137.3	188.9	61.4	47.5	29.4	70.6	59.0
40-44	110.7	96.1	54.2	96.0	126.5	199.4	152.6	129.2	183.7	205.6	72.2	58.7	38.1	76.9	76.2
45-49	132.7	108.6	66.9	104.5	156.6	216.8	143.6	147.6	146.6	254.6	85.4	80.4	47.9	90.4	88.5
50-54	176.7	156.0	128.7	139.3	200.6	259.6	185.3	196.9	202.2	297.5	121.5	115.2	89.3	107.2	132.3
55-59	216.7	214.0	112.2	187.3	240.7	291.8	262.1	194.9	232.2	338.7	150.5	130.5	75.5	144.6	161.8
60-64	273.0	292.1	198.5	227.5	290.6	336.7	317.6	240.8	274.1	367.5	218.3	204.8	150.6	190.2	228.8
65-69	326.8	381.6	193.4	309.5	339.3	416.3	496.4	242.8	354.5	450.2	261.9	201.6	164.5	260.0	269.1
70-74	396.9	354.0	291.4	365.6	407.0	511.1	397.6	429.6	437.5	534.1	338.1	284.8	189.9	305.8	348.3
75-79	458.3	436.4	365.1	388.9	475.6	616.6	482.4	486.0	520.4	650.0	409.4	369.2	271.4	331.9	426.0
80-84	600.0	673.3	397.1	666.1	600.8	770.7	632.9	551.4	656.1	802.5	552.0	521.7	322.2	616.0	551.6
85 up	790.2	685.9	590.2	723.7	815.3	792.5	678.3	578.4	727.9	877.3	786.7	595.1	524.2	661.8	800.4

Standard error of death rate  
 FOR Year: 1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	3.0	13.3	6.7	3.2	3.0	3.7	18.4	14.7	6.1	4.5	2.0	13.0	5.5	2.8	2.6
0-14	6.2	22.8	11.2	14.7	8.1	6.2	22.8	11.2	14.7	8.1	6.2	22.8	11.2	14.7	8.1
15-19	5.3	10.8	4.5	6.1	6.2	18.4	20.5	14.4	17.8	19.8	3.8	6.5	3.2	5.1	5.0
20-24	4.0	11.7	5.1	6.4	5.2	14.4	22.4	16.3	18.2	18.6	3.3	7.5	3.7	5.7	4.5
25-29	4.3	14.9	7.0	6.1	6.0	12.1	24.2	20.7	20.2	15.4	3.4	10.5	4.8	5.4	5.1
30-34	3.8	15.9	7.4	6.4	5.3	8.0	25.6	23.3	17.6	10.5	3.3	11.8	5.3	6.2	5.0
35-39	3.8	16.8	7.7	6.1	5.7	8.4	30.8	23.5	18.4	11.2	3.2	12.1	5.9	5.9	5.0
40-44	3.8	18.3	8.9	6.1	5.6	8.0	31.5	26.3	18.4	10.9	3.2	13.8	7.0	5.7	5.2
45-49	3.8	18.0	10.0	6.1	5.8	7.2	25.2	27.1	12.8	11.1	3.4	17.7	8.2	6.4	5.3
50-54	4.4	23.1	15.9	7.2	6.3	7.4	29.3	29.8	13.8	11.5	4.1	24.2	13.9	7.4	6.3
55-59	4.9	29.7	14.8	8.7	6.9	7.4	37.3	28.3	13.6	11.9	4.9	28.0	12.7	9.9	7.2
60-64	5.5	40.1	21.7	10.5	7.2	7.9	46.4	30.3	16.2	11.7	5.8	43.3	23.1	12.4	8.1
65-69	5.9	50.4	19.8	13.5	7.4	9.0	71.7	29.8	20.1	13.1	5.9	40.7	22.2	16.2	7.9
70-74	7.1	53.1	30.9	18.3	8.6	12.2	64.7	52.9	29.2	16.7	7.1	60.7	28.1	21.2	9.1
75-79	9.8	76.6	41.4	27.6	11.7	20.4	101.8	70.2	52.6	27.7	9.4	77.7	39.5	29.0	12.1
80-84	16.9	168.5	57.0	55.7	19.6	38.4	164.8	106.3	86.1	51.7	16.1	142.8	52.2	62.6	20.0
85 up	35.8	180.9	115.1	98.5	41.6	73.2	183.6	125.0	139.9	100.3	34.7	173.2	114.6	97.7	43.5

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Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD.

At risk until death, Tx, or end of year.

AND SEX: Male

Table with columns for Age, Race (All, Amer., Asian, Black, White), and Disease (All, Diabetes, Non-Diabetes). Rows represent age groups from 0-14 to 85 up.

Standard error of death rate

FOR Year: 1997.

Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD.

At risk until death, Tx, or end of year.

AND SEX: Male

Table with columns for Age, Race (All, Amer., Asian, Black, White), and Disease (All, Diabetes, Non-Diabetes). Rows represent age groups from 0-14 to 85 up.

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,

At risk until death, Tx, or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	220.2	194.6	125.2	171.4	253.0	331.3	271.0	256.0	277.7	364.7	161.7	107.0	78.9	120.3	191.9
0-14	74.9	52.1	32.4	80.8	69.6	74.9	52.1	32.4	80.8	69.6	74.9	52.1	32.4	80.8	69.6
15-19	35.1	33.2	15.9	33.7	41.7	85.2	61.3	47.6	76.8	92.3	28.2	17.5	11.0	26.3	26.9
20-24	35.9	41.0	20.2	41.5	44.1	88.3	73.3	57.2	87.7	104.9	30.0	22.4	14.1	33.6	30.5
25-29	59.0	53.1	27.8	52.9	64.6	130.3	86.8	72.0	101.5	140.6	41.6	30.6	18.8	44.0	38.2
30-34	77.8	67.7	36.6	69.5	83.5	128.9	103.5	90.9	112.9	141.6	59.2	40.3	24.4	59.8	54.9
35-39	97.4	82.4	41.9	74.1	121.5	197.4	131.1	100.7	144.0	212.7	60.6	47.8	30.4	59.7	68.8
40-44	107.0	101.3	56.0	98.4	122.3	204.5	152.3	127.1	183.7	213.7	69.5	39.5	26.3	76.3	75.0
45-49	126.1	129.2	66.0	102.6	152.5	224.5	178.4	146.4	161.5	268.5	75.6	80.7	47.5	82.2	84.2
50-54	169.1	160.5	113.7	144.0	189.0	259.4	196.3	213.5	210.5	298.9	113.3	111.6	71.0	109.3	122.5
55-59	221.2	215.4	119.5	209.1	237.7	301.3	268.8	208.6	267.5	339.4	155.1	132.6	84.3	151.0	167.3
60-64	270.8	275.2	193.9	236.2	287.5	358.8	324.5	283.9	299.3	394.3	198.0	179.0	125.6	186.1	206.8
65-69	322.0	370.7	192.4	316.3	333.8	422.4	450.4	277.1	369.5	458.8	242.7	218.0	144.9	257.2	248.6
70-74	401.8	394.5	279.5	381.3	411.5	522.0	438.3	402.8	455.7	547.8	328.2	294.7	180.0	316.7	337.3
75-79	487.3	510.4	396.1	415.1	509.4	665.6	543.9	450.3	531.0	726.9	416.5	393.5	302.6	343.6	432.8
80-84	665.4	659.1	469.6	681.3	659.2	788.5	661.8	576.7	606.0	836.1	602.9	498.7	355.2	626.5	585.9
85 up	831.2	764.0	579.7	761.2	863.1	842.2	758.0	635.0	733.6	938.9	822.7	615.3	454.1	659.7	831.3

Standard error of death rate

FOR Year: 1997.

Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,

At risk until death, Tx, or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	2.3	16.8	8.3	4.1	3.6	3.9	25.9	20.5	8.3	6.8	2.0	15.0	6.6	3.7	3.6
0-14	9.7	23.7	12.0	19.8	13.2	9.7	23.7	12.0	19.8	13.2	9.7	23.7	12.0	19.8	13.2
15-19	5.8	12.7	5.0	7.4	8.4	19.8	23.4	15.7	18.8	21.4	4.7	7.0	3.4	5.7	5.6
20-24	4.6	14.4	6.0	8.2	7.6	17.2	25.9	17.8	20.2	22.5	4.0	8.3	4.2	6.7	5.6
25-29	5.3	16.8	7.7	8.7	8.8	15.6	28.2	21.0	21.2	22.2	4.4	10.5	5.3	7.5	6.3
30-34	5.0	19.8	9.2	9.6	8.7	11.4	31.2	25.1	20.8	17.3	4.7	12.9	6.3	8.7	7.3
35-39	5.2	22.0	9.6	9.1	10.3	13.2	36.4	26.3	24.3	20.6	4.4	14.3	7.2	7.9	8.2
40-44	5.2	24.5	11.7	10.4	9.8	12.4	37.6	30.7	26.5	19.8	4.5	17.1	8.7	9.1	8.2
45-49	5.2	28.0	13.0	9.9	10.1	10.8	39.5	32.9	19.7	20.0	4.5	21.5	10.0	9.4	8.3
50-54	5.8	31.6	20.5	12.0	10.9	10.8	39.1	43.2	21.2	20.5	5.6	28.5	14.5	11.7	9.9
55-59	6.9	41.0	21.7	15.4	12.5	11.2	50.7	40.7	23.1	21.3	7.1	33.9	17.2	15.7	12.4
60-64	7.5	53.0	31.4	17.4	12.9	11.9	62.9	48.5	25.9	21.3	7.9	45.6	25.1	18.7	13.1
65-69	8.1	69.4	29.1	22.0	13.3	13.1	88.5	45.6	30.8	22.9	8.5	54.0	26.7	24.9	13.5
70-74	10.4	79.1	46.6	30.0	16.4	17.8	91.8	69.2	44.8	29.5	10.9	75.5	37.4	32.5	16.9
75-79	15.2	114.0	71.2	44.0	23.8	31.2	134.4	87.2	71.9	51.6	15.3	102.5	64.9	43.0	23.4
80-84	27.3	186.2	97.3	86.9	40.6	54.5	190.0	136.5	100.6	84.1	27.9	152.3	78.5	92.9	40.3
85 up	52.9	224.2	142.4	132.1	78.9	95.0	224.8	157.9	153.5	139.4	56.2	198.7	117.7	120.1	81.3

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: All

Table with 15 columns: All, Diabetes, Non-Diabetes, Native, All, Amer., Asian, Black, White, All, Amer., Asian, Black, White. Rows include age groups from 0-14 to 60-64.

Standard error of death rate

FOR Year: 1997.

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: All

Table with 15 columns: All, Diabetes, Non-Diabetes, Native, All, Amer., Asian, Black, White, All, Amer., Asian, Black, White. Rows include age groups from 0-14 to 60-64.

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
. All	29.6	31.3	25.9	32.1	29.4	51.2	53.5	66.9	52.1	50.7	24.2	24.3	21.8	28.9	23.1
. 0-14	4.1	2.5	1.6	4.6	3.1	4.1	2.5	1.6	4.6	3.1	4.1	2.5	1.6	4.6	3.1
. 15-19	7.0	5.4	3.8	7.6	7.3	17.0	13.2	13.7	17.9	19.6	7.7	7.0	4.7	9.3	7.6
. 20-24	5.4	4.8	3.7	6.6	5.3	12.5	9.1	9.7	12.2	12.8	5.2	4.9	3.6	6.4	4.9
. 25-29	7.5	6.8	4.9	9.4	7.2	14.1	12.2	13.4	15.4	14.7	6.9	6.7	4.8	9.0	6.5
. 30-34	11.7	9.8	8.4	10.9	12.0	20.6	16.7	20.2	20.2	20.7	9.9	9.3	7.3	10.9	9.8
. 35-39	17.2	13.9	9.2	16.2	18.2	31.3	22.1	24.5	27.0	31.8	12.3	13.1	9.0	15.2	12.2
. 40-44	24.7	19.0	16.9	22.2	26.0	41.4	28.5	35.5	33.7	42.6	18.9	18.3	15.3	20.8	18.7
. 45-49	30.6	29.1	24.1	32.8	30.5	49.9	43.1	51.0	46.9	49.5	24.2	24.4	21.1	30.6	22.8
. 50-54	42.5	53.2	35.1	44.0	42.2	67.5	54.8	67.1	54.1	70.3	35.4	46.4	31.3	42.9	32.7
. 55-59	51.4	49.1	54.2	59.1	49.9	74.6	61.5	96.0	71.9	77.7	45.6	49.2	46.6	55.7	43.0
. 60-64	73.8	80.9	69.8	79.2	73.4	114.3	101.5	134.6	91.7	121.1	65.1	66.3	57.6	74.1	63.5

Standard error of death rate

FOR Year: 1997.

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
. All	1.1	4.7	2.5	1.2	0.6	2.2	11.5	11.1	3.6	1.7	0.9	4.9	2.5	1.3	0.7
. 0-14	0.7	1.4	0.7	1.1	0.6	0.7	1.4	0.7	1.1	0.6	0.7	1.4	0.7	1.1	0.6
. 15-19	1.2	2.8	1.6	2.0	1.3	6.0	8.1	6.8	6.5	6.5	1.3	3.7	2.0	2.4	1.5
. 20-24	0.8	2.1	1.2	1.4	0.8	3.1	4.7	3.9	3.3	3.1	0.8	2.2	1.2	1.4	0.8
. 25-29	0.8	2.6	1.4	1.6	0.8	2.7	5.6	4.9	3.9	2.9	0.8	2.7	1.4	1.6	0.9
. 30-34	0.8	3.2	2.1	1.6	0.9	2.2	6.8	6.6	4.2	2.4	0.8	3.2	1.9	1.7	1.0
. 35-39	0.9	3.9	2.0	1.9	1.0	2.2	7.9	7.2	5.1	2.5	0.9	3.9	2.1	2.1	1.0
. 40-44	1.0	4.7	3.1	2.0	1.1	2.5	8.9	9.2	5.6	2.8	1.1	5.0	3.1	2.3	1.3
. 45-49	1.1	6.2	4.0	2.4	1.3	2.8	12.0	12.2	6.7	3.1	1.2	6.1	4.0	2.8	1.4
. 50-54	1.5	9.9	5.4	3.2	1.7	3.8	13.8	15.0	7.4	4.5	1.6	11.0	5.6	3.8	1.8
. 55-59	1.8	10.1	7.6	4.1	2.0	4.6	15.5	20.4	8.8	5.7	2.0	12.8	7.8	4.9	2.3
. 60-64	2.5	17.8	10.4	5.4	2.8	6.8	27.1	28.4	11.4	8.7	2.7	19.3	10.7	6.7	3.1

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997,

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: Female

Table with 15 columns: All, Diabetes, Non-Diabetes, Native, All, Amer., Asian, Black, White, All, Amer., Asian, Black, White. Rows include age groups from All to .60-64.

Standard error of death rate

FOR Year: 1997,

Modality group: 4 All Functioning Transplant Patients,

At risk until death, Tx, or end of year,

AND SEX: Female

Table with 15 columns: All, Diabetes, Non-Diabetes, Native, All, Amer., Asian, Black, White, All, Amer., Asian, Black, White. Rows include age groups from All to .60-64.

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk  
 FOR Year: 1997,  
 Modality group: 5 All ESRD Patients,  
 At risk until death or end of year,  
 AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	169.7	157.7	130.6	149.1	184.6	227.9	196.3	224.5	198.2	246.2	143.2	108.3	92.0	124.8	158.0
0-14	19.7	23.2	14.2	28.7	18.0	19.7	23.2	14.2	28.7	18.0	19.7	23.2	14.2	28.7	18.0
15-19	16.2	23.9	11.6	21.6	14.9	44.0	48.8	37.3	59.5	43.9	16.7	16.3	8.9	21.0	14.4
20-24	21.7	25.4	15.0	32.1	17.5	73.3	55.6	46.5	83.9	63.7	19.9	18.9	12.1	29.0	15.6
25-29	31.8	29.5	18.6	39.1	28.6	87.3	62.3	70.3	99.5	79.7	23.8	23.5	13.0	31.3	20.0
30-34	42.8	51.0	23.8	49.9	40.4	82.7	78.3	66.0	93.3	80.2	31.4	39.1	18.9	42.8	25.7
35-39	51.9	56.5	22.4	58.1	51.2	94.6	112.7	70.3	105.6	92.6	37.8	35.4	16.8	49.9	32.4
40-44	66.0	71.9	38.7	69.6	66.2	113.8	111.2	108.3	121.0	112.0	48.8	47.6	26.9	58.6	44.4
45-49	84.5	94.2	54.3	89.0	83.9	134.1	129.9	114.9	121.0	141.2	63.3	57.1	38.5	78.2	55.5
50-54	112.5	124.3	80.9	109.9	116.4	166.4	129.6	146.6	142.9	185.6	84.1	115.4	54.6	92.2	80.8
55-59	143.6	142.1	102.7	137.0	151.3	194.2	162.0	158.9	160.3	225.9	109.2	100.0	70.9	118.4	107.1
60-64	185.5	169.1	145.3	166.2	201.4	228.3	185.4	197.8	183.9	266.7	153.4	134.8	104.9	150.0	158.5
65-69	243.4	255.2	197.1	208.1	264.9	288.6	270.3	256.0	227.0	331.7	208.3	201.9	147.1	187.3	221.3
70-74	303.9	290.6	254.9	258.6	328.2	343.1	297.8	300.0	273.3	388.1	278.7	274.7	217.8	243.8	295.6
75-79	370.2	340.4	297.0	325.2	391.5	414.4	395.4	367.7	342.4	456.0	349.9	264.0	247.6	310.5	368.4
80-84	450.2	374.5	340.3	391.3	477.5	501.5	371.4	426.7	409.8	562.1	435.1	379.9	298.5	381.7	457.6
85 up	567.7	568.3	534.8	486.9	600.9	592.1	580.8	518.7	536.9	627.8	560.6	515.2	522.3	471.6	593.4

Standard error of death rate

FOR Year: 1997,  
 Modality group: 5 All ESRD Patients,  
 At risk until death or end of year,  
 AND SEX: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	0.8	3.5	2.1	0.8	0.7	1.1	6.2	5.9	1.9	1.6	0.6	5.2	2.5	1.0	0.9
0-14	1.2	6.2	3.5	3.5	1.5	1.2	6.2	3.5	3.5	1.5	1.2	6.2	3.5	3.5	1.5
15-19	1.0	5.2	2.4	2.3	1.2	9.1	12.1	9.0	12.7	9.4	1.1	3.7	1.9	2.4	1.3
20-24	0.9	4.9	2.6	2.0	1.0	7.4	13.0	10.9	12.1	9.0	0.9	3.9	2.2	2.1	1.1
25-29	0.8	5.0	2.7	1.6	1.0	3.6	13.5	14.9	8.1	4.6	0.8	4.4	2.2	1.7	1.0
30-34	0.7	6.6	2.7	1.5	0.9	2.1	13.9	11.7	5.8	2.7	0.7	6.2	2.6	1.7	1.0
35-39	0.7	6.0	2.3	1.4	0.9	1.9	15.8	10.4	5.3	2.4	0.7	5.2	2.1	1.5	1.0
40-44	0.7	6.4	2.9	1.4	1.0	1.9	12.5	12.5	4.6	2.4	0.8	6.4	2.7	1.5	1.1
45-49	0.8	6.3	3.3	1.5	1.1	1.8	10.5	10.4	3.6	2.6	0.8	6.9	3.3	1.7	1.2
50-54	0.9	7.0	4.1	1.6	1.3	1.9	9.4	10.6	3.4	3.0	1.0	11.3	4.3	2.0	1.5
55-59	1.0	7.2	4.7	1.8	1.5	1.9	9.7	9.9	3.2	3.3	1.2	10.9	5.2	2.4	1.8
60-64	1.2	8.2	5.6	1.9	1.7	2.0	10.7	10.4	3.2	3.3	1.4	13.8	6.8	2.7	2.1
65-69	1.3	10.6	6.4	2.2	1.9	2.2	13.7	11.4	3.6	3.5	1.6	17.9	8.1	3.1	2.4
70-74	1.6	13.7	7.6	2.8	2.2	2.7	17.9	13.1	4.6	4.2	1.9	23.6	10.0	3.8	2.7
75-79	2.1	19.4	9.8	4.0	2.7	3.9	29.7	18.7	7.0	6.0	2.4	25.4	12.0	5.3	3.3
80-84	3.1	29.9	13.9	6.2	4.0	6.9	41.5	29.2	12.5	10.6	3.5	43.1	16.6	7.9	4.7
85 up	5.3	58.5	28.6	10.2	7.1	14.0	92.5	50.9	25.9	21.5	5.9	66.5	35.8	12.2	8.2

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with  
 small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from  
 the rates in D.2.

Table D.2 (Continued)
Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates
by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk
FOR Year: 1997,
Modality group: 5 All ESRD Patients,
At risk until death or end of year,
AND SEX: Male

Table with columns for All, Diabetes, Non-Diabetes, and sub-columns for Native, All, Amer., Asian, Black, White. Rows represent age groups from 0-14 to 85 up.

Standard error of death rate
FOR Year: 1997,
Modality group: 5 All ESRD Patients,
At risk until death or end of year,
AND SEX: Male

Table with columns for All, Diabetes, Non-Diabetes, and sub-columns for Native, All, Amer., Asian, Black, White. Rows represent age groups from 0-14 to 85 up.

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.
Deaths resulting from street drugs and accidents unrelated to treatment are not counted.
Includes all patients who have reached day 91 of ESRD by the end of the year.
Death rates are considered accurate to within plus or minus the standard error.
See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.
The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.2 (Continued)  
 Annual Death Rates per 1000 Patient Years at Risk and Standard Errors of the Death Rates  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

Deaths per 1000 patient years at risk

FOR Year: 1997.

Modality group: 5 All ESRD Patients,

At risk until death or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	179.6	170.3	129.3	166.4	192.4	238.5	206.6	224.0	214.6	258.2	146.8	111.3	88.5	134.4	159.9
0-14	22.1	25.1	13.5	31.3	20.8	22.1	25.1	13.5	31.3	20.8	22.1	25.1	13.5	31.3	20.8
15-19	17.3	27.5	10.0	26.0	15.3	53.0	51.7	37.7	68.5	51.4	17.0	16.6	7.4	23.6	13.7
20-24	25.6	28.2	14.4	40.7	19.9	93.5	59.0	45.1	97.5	81.8	21.3	18.3	11.1	34.2	15.4
25-29	35.8	35.5	19.7	43.9	32.1	90.2	66.8	66.3	96.2	84.7	26.2	24.5	12.9	34.7	21.8
30-34	46.3	53.6	25.4	52.4	44.2	85.7	81.8	66.1	98.4	82.5	34.3	36.6	19.2	43.3	29.7
35-39	53.7	61.9	22.9	59.4	53.8	98.0	108.4	77.1	107.4	96.0	39.1	37.9	16.7	49.6	36.1
40-44	66.6	92.2	35.4	73.9	64.9	117.3	132.6	99.3	131.0	111.6	47.5	54.8	26.4	59.0	42.9
45-49	86.8	98.9	51.0	91.3	87.3	142.3	137.8	110.9	128.0	152.3	60.9	57.3	37.4	74.7	55.7
50-54	117.8	120.9	73.9	114.3	123.6	177.3	129.3	163.4	146.5	207.0	83.6	103.5	45.8	91.6	82.3
55-59	152.0	133.3	96.7	149.4	159.3	200.7	159.4	154.7	171.0	236.3	113.1	85.0	66.0	125.9	110.7
60-64	187.3	164.3	137.0	170.9	204.8	227.8	183.0	198.6	188.5	270.9	149.3	121.8	90.9	151.1	152.7
65-69	240.1	277.9	195.4	203.7	265.6	277.4	295.4	268.2	220.9	321.1	202.2	183.0	129.9	180.1	219.0
70-74	298.7	280.5	235.0	255.7	329.7	332.2	298.7	270.9	270.6	382.4	269.3	229.7	199.1	237.7	290.6
75-79	364.9	329.2	286.1	323.6	393.0	403.5	352.5	355.1	338.0	455.3	340.1	264.4	229.1	308.1	361.9
80-84	439.1	326.0	361.4	391.2	469.9	474.5	348.7	509.6	388.7	537.1	423.4	307.9	278.5	387.8	447.1
85 up	550.5	506.0	526.4	471.1	596.3	552.8	539.0	506.3	517.9	582.5	546.0	419.1	496.7	453.8	593.5

Standard error of death rate

FOR Year: 1997.

Modality group: 5 All ESRD Patients,

At risk until death or end of year,

AND SEX: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	1.6	6.0	3.5	1.4	1.2	2.0	12.7	11.7	3.7	3.5	1.2	10.0	4.8	2.3	2.1
0-14	2.2	6.7	3.4	5.5	2.5	2.2	6.7	3.4	5.5	2.5	2.2	6.7	3.4	5.5	2.5
15-19	1.7	6.2	2.3	3.7	1.9	11.3	12.5	8.9	14.6	11.0	1.7	3.9	1.7	3.6	1.8
20-24	1.6	6.1	2.9	3.5	1.7	11.4	13.7	10.4	15.8	13.2	1.4	4.1	2.3	3.5	1.6
25-29	1.5	6.9	3.6	2.8	1.7	5.5	14.6	14.6	10.4	6.9	1.3	5.1	2.5	2.8	1.6
30-34	1.3	8.8	3.9	2.6	1.6	3.5	16.0	13.1	8.6	4.3	1.3	7.0	3.3	2.7	1.7
35-39	1.3	9.0	3.2	2.4	1.6	3.2	18.8	13.4	7.8	4.1	1.2	6.9	2.7	2.5	1.7
40-44	1.3	11.4	4.0	2.5	1.7	3.2	19.5	16.0	7.5	4.1	1.3	9.4	3.6	2.6	1.8
45-49	1.4	10.2	4.8	2.5	1.9	3.1	16.0	14.4	5.6	4.6	1.4	9.3	4.5	2.9	2.0
50-54	1.7	10.6	6.2	2.7	2.3	3.2	13.5	17.9	5.0	5.4	1.7	14.7	5.4	3.4	2.5
55-59	1.8	10.3	7.2	3.0	2.6	3.1	13.5	14.6	4.7	5.3	2.1	13.0	7.3	4.0	2.9
60-64	1.9	11.5	8.5	2.9	2.8	3.0	14.3	15.5	4.5	5.0	2.3	17.4	9.2	4.2	3.4
65-69	2.1	15.7	9.5	3.1	3.0	3.1	19.2	16.6	4.8	5.1	2.6	23.6	10.8	4.5	3.8
70-74	2.5	17.9	10.9	3.8	3.4	3.7	22.4	17.1	6.0	6.0	3.1	28.4	14.4	5.4	4.4
75-79	3.3	25.5	14.4	5.5	4.4	5.5	33.7	25.0	9.0	8.7	3.9	34.0	17.2	7.5	5.4
80-84	5.0	35.3	21.7	8.6	6.5	9.5	46.9	45.6	15.5	14.9	5.6	46.0	23.3	11.1	7.6
85 up	8.4	67.2	43.8	13.6	11.2	18.8	93.6	66.1	32.0	28.5	9.1	68.4	52.4	15.9	13.0

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2.

Table D.3  
 Standardized Mortality Ratios for 1995-1997 by State:  
 Rates for Individual Years and Aggregate Rate for the Period, Based on 1997 Rates  
 and Adjusted for Age on January 1, Race, Sex, and Diabetic Status

State	YEAR			
	1995	1996	1997	%
All	1.00	1.00	1.01	1.00
Alabama	1.00	0.98	0.97	1.06
Western Mountain States**	0.97	1.02	0.97	0.93
Arizona	0.92	0.91	0.97	0.90
Arkansas	1.16	1.10	1.15	1.23
California and Hawaii	0.95	0.98	0.93	0.95
Colorado	0.89	0.87	0.96	0.83
Connecticut	0.94	0.99	0.97	0.86
Pennsylvania and Delaware	1.01	0.99	1.04	1.01
District of Columbia	1.05	1.08	0.98	1.08
Florida	1.02	1.01	1.03	1.02
Georgia	1.02	1.00	1.03	1.02
Illinois	1.06	1.04	1.08	1.05
Indiana	1.01	1.03	1.02	0.98
Iowa	0.98	1.02	0.92	1.00
Kansas	0.98	0.94	1.02	0.97
Kentucky	1.11	1.00	1.19	1.14
Louisiana	1.09	1.09	1.14	1.05
New England*	0.89	0.89	0.92	0.87
Maryland	1.09	1.14	1.04	1.10
Massachusetts	0.96	0.98	0.98	0.93
Michigan	1.03	1.02	0.98	1.08
Minnesota	0.82	0.81	0.86	0.80
Mississippi	0.95	0.92	0.98	0.96
Missouri	1.04	1.07	1.03	1.03
Nebraska	0.98	0.92	1.04	0.97
New Jersey	1.09	1.12	1.08	1.06
New Mexico	0.84	0.79	0.89	0.84
New York	0.99	0.96	1.01	0.98
North Carolina	1.04	1.03	1.05	1.04
Dakotas	0.91	0.97	0.87	0.89
Ohio	1.08	1.05	1.12	1.08
Oklahoma	1.12	1.08	1.16	1.11
Oregon	1.01	0.97	0.99	1.06
Rhode Island	0.89	0.92	0.83	0.91
South Carolina	1.06	1.01	1.11	1.07
Tennessee	1.09	1.03	1.08	1.15
Texas	0.92	0.93	0.91	0.91
Utah	0.99	0.89	1.10	0.99
Virginia	1.03	1.06	1.02	1.01
Washington	0.98	0.98	1.00	0.95
West Virginia	1.22	1.28	1.25	1.15
Wisconsin	0.96	0.99	0.96	0.94
Guam	1.14	1.02	1.09	1.20
Mariana Islands	0.97	0.00	0.38	1.69
Puerto Rico and Virgin Islands	1.06	1.11	1.01	1.06

Some states have been combined due to the small number of dialysis units  
 \*New England includes Maine, Vermont and New Hampshire  
 \*\*Western Mountain States include Nevada, Wyoming, Idaho, Montana and Alaska.  
 Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Patients with missing or unknown race, missing diagnosis, or missing sex are excluded.  
 Includes only dialysis patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the methodology.

Table D.4  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 1 All dialysis patients.  
 At risk until death, Tx, or end of year.  
 AND 2PT PAT Primary disease group All

	Age: 0-64													
	Age: All				Age: 0-19				Age: 20-44					
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	
All	231.0	228.8	233.5	172.4	178.8	195.9	273.5	44.4	97.6	99.7	94.7	96.1	104.6	176.6
ACUTE M I.	20.8	21.8	19.8	17.6	14.7	18.4	25.6	0.8	5.9	6.1	5.7	4.1	8.2	18.1
HYPERKALEMIA	4.1	4.0	4.2	3.8	2.1	3.3	5.5	1.8	2.8	3.1	2.4	2.1	3.6	2.8
PERICARDITIS	0.3	0.3	0.3	0.1	0.3	0.5	0.3		0.3	0.3	0.3	0.3	0.3	0.3
ATHEROSCLEROTIC H. D.	8.9	9.0	8.8	7.1	4.8	5.5	12.0	0.4	1.3	1.2	1.5	0.6	2.1	5.2
CARDIOMYOPATHY	9.8	11.4	8.1	7.7	5.1	5.8	13.5	1.4	2.5	2.8	2.0	2.1	3.0	6.7
CARDIAC ARRHYTHMIA	13.4	13.7	13.0	11.6	9.0	11.8	16.7	1.4	5.1	5.2	4.9	3.9	6.5	11.0
CARDIAC ARREST	47.1	46.8	47.4	38.4	39.6	40.8	53.5	7.0	20.0	19.9	20.0	19.0	22.1	37.0
VALVULAR HEART DIS.	1.6	1.5	1.8	0.8	1.1	0.3	2.1	0.4	0.7	0.6	0.8	0.6	0.9	1.2
PULMONARY EDEMA*	2.1	2.0	2.2	1.7	1.3	2.2	2.7	0.8	0.9	1.0	0.8	0.8	1.0	1.4
CEREBRO-VASCULAR DIS.	13.4	11.1	15.8	14.2	11.7	12.3	14.5	2.2	5.5	4.8	6.5	4.9	6.4	10.9
G. I. HEMORRHAGE	2.2	2.1	2.3	1.3	1.8	1.9	2.5	0.8	0.8	0.8	0.7	0.8	0.7	1.6
OTHER HEMORRHAGE	2.0	1.9	2.0	1.6	1.8	2.1	2.1	0.6	1.1	1.0	1.1	1.3	0.9	1.5
SEPTICEMIA	25.3	22.6	28.2	16.8	23.0	21.7	27.5	5.4	11.3	10.1	12.8	11.3	11.9	22.4
PULMONARY INFECTION	5.5	6.2	4.9	5.9	3.7	6.0	6.7	1.2	1.8	1.9	1.7	2.0	1.7	3.2
VIRAL INFECTION	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.2	0.3	0.4	0.2	0.4	0.3	0.2
AIDS	2.0	3.1	0.9	0.1	4.7	1.3	0.4	0.8	7.7	10.1	4.4	14.4	1.6	1.3
OTHER INFECTION	1.2	1.0	1.5	0.9	1.0	1.4	1.4	0.2	0.7	0.7	0.8	0.7	0.9	1.1
CACHEXIA	2.5	2.2	2.8	1.6	1.3	1.8	3.4	0.2	0.6	0.7	0.5	0.3	1.1	1.4
MALIGNANT DISEASE	8.2	9.4	6.9	4.8	6.6	4.9	9.7	1.8	1.2	1.1	1.2	1.0	1.4	6.2
OTHER CAUSE	27.4	26.0	28.9	15.2	18.0	23.0	35.1	8.8	12.4	12.2	12.6	10.9	14.3	19.2
UNKNOWN CAUSE	33.0	32.5	33.5	20.8	26.9	30.6	38.0	8.0	14.8	15.6	13.6	14.7	15.7	23.9
Years at risk	560071	290162	269909	20404	213546	9402	309680	4977	108554	62614	45940	50661	50440	211168
Patients	737899	384166	353733	26216	266080	12149	423255	7103	137133	79467	57666	61846	65783	271278

	Age: 45-64						Age: 65+					
	All	Male	Female	Black	White	All	Male	Female	Black	White		
All	175.0	178.4	147.0	207.4	345.3	357.2	334.3	282.4	380.2			
ACUTE M I.	18.8	17.4	14.0	22.2	30.6	33.9	27.5	23.4	34.2			
HYPERKALEMIA	2.6	3.0	1.6	3.7	5.9	5.8	5.9	2.9	7.4			
PERICARDITIS	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3			
ATHEROSCLEROTIC H. D.	5.1	5.3	3.3	7.0	15.8	17.3	14.4	9.7	19.0			
CARDIOMYOPATHY	7.6	5.7	4.3	9.0	16.2	20.2	12.4	8.3	20.3			
CARDIAC ARRHYTHMIA	11.2	10.7	8.1	13.6	19.7	21.2	18.2	14.1	22.6			
CARDIAC ARREST	36.5	37.4	33.0	41.4	69.5	72.7	66.6	63.6	73.2			
VALVULAR HEART DIS.	1.2	1.2	1.1	1.4	2.5	2.4	2.6	1.6	3.0			
PULMONARY EDEMA*	1.3	1.5	1.1	1.6	3.4	3.3	3.4	2.0	4.1			
CEREBRO-VASCULAR DIS.	9.5	12.5	10.2	11.5	19.5	16.5	22.2	18.8	19.6			
G. I. HEMORRHAGE	1.4	1.7	1.4	1.8	3.4	3.5	3.3	3.1	3.6			
OTHER HEMORRHAGE	1.4	1.5	1.5	1.5	2.8	2.8	2.9	2.7	2.9			
SEPTICEMIA	20.1	24.9	19.9	25.4	34.7	32.2	37.0	35.7	34.7			
PULMONARY INFECTION	3.6	2.8	2.4	3.8	9.4	11.1	7.8	6.7	10.5			
VIRAL INFECTION	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.4			
AIDS	2.1	0.4	2.7	0.2	0.1	0.2	0.1	0.3	<0.05			
OTHER INFECTION	0.9	1.4	0.8	1.3	1.6	1.2	1.9	1.4	1.7			
CACHEXIA	1.2	1.6	0.8	2.1	4.4	4.0	4.7	2.8	5.2			
MALIGNANT DISEASE	6.7	5.7	5.4	7.3	13.3	16.9	10.0	12.3	14.3			
OTHER CAUSE	18.1	20.5	14.2	24.5	42.0	41.7	42.3	28.3	49.8			
UNKNOWN CAUSE	25.0	22.6	20.8	27.3	50.0	49.7	50.3	44.0	53.6			
Years at risk	111336	99832	90836	105211	235372	113472	121900	70444	151169			
Patients	143403	127875	111297	140242	322385	157364	165021	90729	213088			

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)
Death Rates per 1000 Patient Years at Risk
by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Table with columns for Cause of Death, Age (All, 0-19, 20-44, 45-64), Sex (Male, Female), Race (Asian, Black, Native, White), and Patient Years at Risk. Rows include various medical conditions like ACUTE M.I., HYPERKALEMIA, PERICARDITIS, etc.

Continuation of Table D.4, showing death rates for Age groups 45-64 and 65+, with columns for Sex and Race. Rows include various medical conditions like ACUTE M.I., HYPERKALEMIA, PERICARDITIS, etc.

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year. See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology. "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 1 All dialysis patients.  
 At risk until death, Tx, or end of year.  
 AND 2PT PAT Primary disease group Not diabetes

	Age: All												Age: 0-19				Age: 20-44				Age: 45-64			
	All												Male				Female				All			
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black	White		
All	204.8	206.4	202.8	130.7	157.8	155.3	245.3	44.9	75.4	79.2	70.0	87.4	66.4	142.5										
ACUTE M I.	16.6	18.0	14.8	12.6	11.4	10.8	20.8	0.8	3.2	3.6	2.6	3.1	3.8	12.9										
HYPERKALEMIA	3.6	3.5	3.6	2.8	1.8	2.3	4.9	1.9	1.9	2.2	1.5	1.7	2.3	2.0										
PERICARDITIS	0.3	0.3	0.2	0.1	0.3	0.9	0.3		0.2	0.2	0.2	0.2	0.3	0.3										
ATHEROSCLEROTIC H. D.	7.4	7.7	7.0	4.7	3.7	4.7	10.3	0.4	0.5	0.6	0.5	0.4	0.7	3.2										
CARDIOMYOPATHY	9.3	11.0	7.2	6.3	4.8	6.4	12.8	1.5	2.0	2.3	1.5	1.9	2.2	5.7										
CARDIAC ARRHYTHMIA	11.3	11.9	10.5	8.5	7.8	9.3	14.1	1.5	3.3	3.5	2.9	3.6	3.1	8.3										
CARDIAC ARREST	39.3	39.8	38.7	25.7	33.4	26.0	44.9	7.1	13.7	14.0	13.2	15.9	12.0	27.6										
VALVULAR HEART DIS.	1.9	1.7	2.1	0.7	1.3	0.9	2.4	0.4	0.8	0.6	1.0	0.7	1.0	1.4										
PULMONARY EDEMA*	1.9	1.8	2.0	1.3	1.2	1.8	2.5	0.8	0.7	0.7	0.7	0.8	0.6	1.2										
CEREBRO-VASCULAR DIS.	10.8	9.0	13.0	10.4	9.2	7.3	12.0	2.3	3.7	3.2	4.5	4.1	3.5	7.7										
G. I. HEMORRHAGE	2.2	2.1	2.4	0.9	1.7	2.6	2.7	0.8	0.7	0.7	0.7	0.8	0.6	1.6										
OTHER HEMORRHAGE	2.3	2.2	2.4	1.7	2.0	2.3	2.5	0.6	1.1	1.0	1.1	1.3	0.8	1.8										
SEPTICEMIA	20.5	18.4	23.0	12.0	19.0	18.4	22.2	5.6	8.7	7.7	10.0	9.4	8.3	17.0										
PULMONARY INFECTION	5.5	6.0	4.8	5.0	3.4	5.0	7.1	1.2	1.6	1.8	1.4	2.0	1.3	2.9										
VIRAL INFECTION	0.3	0.3	0.3	0.2	0.2		0.4	0.2	0.3	0.4	0.3	0.4	0.3	0.3										
AIDS	3.0	4.3	1.5	0.2	6.8	3.5	0.5	0.8	9.5	12.3	5.5	16.4	2.0	2.1										
OTHER INFECTION	1.0	0.9	1.2	0.6	0.9	0.3	1.2	0.2	0.6	0.5	0.7	0.7	0.6	0.9										
CACHEXIA	2.5	2.1	2.9	1.2	1.3	1.5	3.5	0.2	0.3	0.3	0.3	0.3	0.4	1.1										
MALIGNANT DISEASE	9.8	11.2	8.2	4.7	7.1	7.9	12.2	1.9	1.3	1.2	1.3	1.0	1.8	8.1										
OTHER CAUSE	26.5	25.4	27.9	13.8	17.1	20.4	34.4	8.9	9.9	9.8	10.1	10.1	10.4	17.7										
UNKNOWN CAUSE	28.9	28.9	29.0	17.4	23.4	23.1	33.8	7.7	11.5	12.5	10.1	12.8	10.6	18.9										
Years at risk	353421	195552	157869	12900	138507	3426	195196	4813	83751	48772	34979	42744	35141	117653										
Patients	454073	252713	201360	16061	168921	4351	259993	6855	102660	60075	42585	51427	43911	145823										

	Age: 45-64												Age: 65+							
	All												Male				Female			
	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black	White					
All	144.5	140.0	129.3	159.7	333.5	343.8	321.8	275.2	362.4											
ACUTE M I.	14.1	11.4	11.1	15.1	27.6	30.8	23.9	20.9	30.6											
HYPERKALEMIA	1.9	2.0	1.1	2.8	5.8	5.7	6.0	2.8	7.2											
PERICARDITIS	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.3											
ATHEROSCLEROTIC H. D.	3.3	3.1	2.2	4.1	14.9	16.2	13.4	9.3	17.5											
CARDIOMYOPATHY	6.3	4.8	4.3	7.2	16.6	20.6	12.1	8.7	20.1											
CARDIAC ARRHYTHMIA	9.0	7.4	7.0	9.6	18.5	19.9	17.0	13.7	20.8											
CARDIAC ARREST	28.4	26.7	27.5	28.8	64.3	66.7	61.5	61.1	66.7											
VALVULAR HEART DIS.	1.3	1.4	1.3	1.5	3.0	2.7	3.2	1.9	3.5											
PULMONARY EDEMA*	1.2	1.2	1.1	1.3	3.2	3.2	3.3	1.8	3.9											
CEREBRO-VASCULAR DIS.	6.6	9.0	8.1	7.4	17.6	14.9	20.6	16.6	17.9											
G. I. HEMORRHAGE	1.5	1.7	1.2	2.0	3.7	3.5	3.8	3.3	3.9											
OTHER HEMORRHAGE	1.8	1.9	1.7	1.9	3.4	3.3	3.5	3.3	3.5											
SEPTICEMIA	15.3	19.1	16.6	18.0	30.5	28.2	33.1	33.0	29.9											
PULMONARY INFECTION	2.9	2.9	2.0	3.7	9.9	11.5	8.2	6.8	11.2											
VIRAL INFECTION	0.4	0.2	0.2	0.4	0.3	0.3	0.4	0.1	0.4											
AIDS	3.2	0.7	4.0	0.4	0.1	0.2	<0.05	0.4	<0.05											
OTHER INFECTION	0.8	1.1	0.6	1.2	1.4	1.2	1.7	1.4	1.4											
CACHEXIA	0.7	1.5	0.7	1.5	4.9	4.6	5.3	3.2	5.8											
MALIGNANT DISEASE	8.6	7.6	6.2	10.3	16.3	19.9	12.3	15.1	17.2											
OTHER CAUSE	16.8	18.9	13.7	22.2	43.5	43.0	44.2	29.5	50.4											
UNKNOWN CAUSE	20.2	17.2	18.3	20.1	47.5	47.1	48.0	42.1	50.4											
Years at risk	66084	51570	53923	57111	147203	78034	69169	40292	100158											
Patients	82350	63473	64174	73336	198735	106471	92264	51200	138713											

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group All

	Age: All										Age: 0-19				Age: 20 - 44				Age: 45 - 64							
	All	Male	Female	Asian	Black	Native	White	All	All	Male	Female	Black	White	All	All	Male	Female	Black	White	All	All	Male	Female	Black	White	
All	231.3	227.4	235.5	179.8	179.5	195.7	276.6	39.9	97.6	98.7	95.9	95.2	105.4	170.9												
ACUTE M I.	20.7	21.3	20.1	18.4	14.6	18.3	25.7	0.4	5.6	5.7	5.5	3.9	8.0	17.3												
HYPERKALEMIA	4.3	4.1	4.5	4.1	2.2	3.6	5.9	2.3	3.0	3.3	2.6	2.3	4.0	2.9												
PERICARDITIS	0.3	0.3	0.3	0.1	0.3	0.6	0.3		0.3	0.3	0.3	0.3	0.2	0.3												
ATHEROSCLEROTIC H. D.	8.6	8.5	8.7	7.3	4.7	4.9	11.9	0.4	1.2	1.0	1.4	0.6	1.9	4.8												
CARDIOMYOPATHY	9.3	10.6	7.9	8.2	5.0	5.7	12.9	1.6	2.2	2.6	1.6	1.9	2.6	6.2												
CARDIAC ARRHYTHMIA	13.5	13.7	13.3	12.3	9.1	11.7	17.1	2.3	5.1	5.3	4.8	3.9	6.7	10.5												
CARDIAC ARREST	47.8	47.2	48.5	40.6	40.1	41.9	54.8	4.7	20.2	19.8	20.6	19.1	22.4	36.5												
VALVULAR HEART DIS.	1.7	1.6	1.9	1.0	1.2	0.4	2.2		0.7	0.6	0.8	0.6	0.8	1.2												
PULMONARY EDEMA*	2.2	2.0	2.4	1.7	1.3	2.5	2.9	0.8	0.9	0.9	0.9	0.9	0.9	1.5												
CEREBRO-VASCULAR DIS.	13.4	11.1	15.8	15.3	11.8	12.3	14.5	2.3	5.6	4.9	6.8	4.8	6.7	10.5												
G. I. HEMORRHAGE	2.2	2.1	2.3	1.4	1.8	1.6	2.6	1.2	0.8	0.8	0.8	0.8	0.8	1.5												
OTHER HEMORRHAGE	2.1	2.0	2.2	1.7	1.9	2.1	2.2	0.8	1.2	1.2	1.2	1.3	1.0	1.5												
SEPTICEMIA	23.9	21.4	26.6	15.7	22.3	19.4	25.8	4.3	10.3	9.5	11.5	10.4	10.8	20.2												
PULMONARY INFECTION	5.6	6.2	5.0	5.8	3.7	6.0	7.0	0.4	1.9	2.1	1.7	2.0	1.7	3.1												
VIRAL INFECTION	0.3	0.3	0.3	0.2	0.2		0.4		0.4	0.4	0.3	0.4	0.4	0.3												
AIDS	2.0	3.0	1.0	0.1	4.4	0.9	0.4	0.8	8.2	10.2	5.1	14.3	1.8	1.4												
OTHER INFECTION	1.1	0.9	1.2	1.0	0.9	1.2	1.2		0.6	0.6	0.6	0.5	0.8	0.9												
CACHEXIA	2.3	2.1	2.6	1.7	1.3	1.7	3.2		0.6	0.7	0.5	0.2	1.1	1.2												
MALIGNANT DISEASE	8.7	10.0	7.3	5.2	7.0	5.1	10.5	2.3	1.2	1.1	1.4	1.0	1.6	6.5												
OTHER CAUSE	27.5	25.8	29.2	15.8	18.2	24.6	35.7	7.8	12.6	12.2	13.3	11.0	15.0	18.7												
UNKNOWN CAUSE	33.8	33.2	34.4	22.2	27.3	31.1	39.6	7.4	15.1	15.8	14.1	15.1	16.0	23.8												
Years at risk	470148	243259	226889	16794	189552	8038	249873	2558	83720	50300	33420	42116	36070	174360												
Patients	617853	321007	296846	21570	236138	10334	341265	3613	105454	63484	41970	51473	46903	223070												

	Age: 45 - 64										Age: 65+			
	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black
All	168.6	173.5	144.4	201.5	337.3	350.0	325.9	277.3	373.2					
ACUTE M I.	17.5	17.0	13.5	21.4	29.8	33.0	27.0	22.9	33.6					
HYPERKALEMIA	2.6	3.2	1.7	3.9	6.0	5.9	6.0	2.9	7.6					
PERICARDITIS	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3					
ATHEROSCLEROTIC H. D.	4.7	5.0	3.1	6.6	14.9	16.0	13.8	9.4	18.1					
CARDIOMYOPATHY	6.8	5.4	4.3	8.1	14.9	18.3	11.7	8.0	18.8					
CARDIAC ARRHYTHMIA	10.5	10.6	8.0	13.1	19.4	21.0	18.1	13.9	22.6					
CARDIAC ARREST	35.7	37.5	32.9	41.1	68.8	72.5	65.5	62.6	72.8					
VALVULAR HEART DIS.	1.2	1.3	1.1	1.4	2.5	2.4	2.6	1.7	3.1					
PULMONARY EDEMA*	1.4	1.6	1.1	1.8	3.4	3.3	3.4	2.0	4.2					
CEREBRO-VASCULAR DIS.	9.2	12.1	10.0	10.9	19.0	16.1	21.5	18.5	18.9					
G. I. HEMORRHAGE	1.4	1.7	1.3	1.9	3.4	3.4	3.3	3.1	3.6					
OTHER HEMORRHAGE	1.4	1.5	1.5	1.5	2.9	2.9	3.0	2.7	3.0					
SEPTICEMIA	18.3	22.3	18.8	22.4	32.7	30.5	34.6	34.3	32.3					
PULMONARY INFECTION	3.5	2.7	2.3	3.9	9.2	10.8	7.8	6.6	10.4					
VIRAL INFECTION	0.3	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.4					
AIDS	2.2	0.5	2.7	0.2	0.1	0.2	0.1	0.2	<0.05					
OTHER INFECTION	0.8	1.2	0.7	1.1	1.3	1.1	1.5	1.2	1.4					
CACHEXIA	1.1	1.4	0.7	1.8	4.0	3.7	4.2	2.6	4.7					
MALIGNANT DISEASE	7.1	5.8	5.7	7.7	13.7	17.4	10.3	12.6	14.7					
OTHER CAUSE	17.5	20.0	14.0	24.1	40.9	40.7	41.1	28.0	48.9					
UNKNOWN CAUSE	25.0	22.5	20.5	27.7	49.9	50.1	49.8	43.6	53.8					
Years at risk	92288	82072	79945	81896	209509	99243	110266	66497	130630					
Patients	118303	104767	97888	108901	285716	137191	148525	85393	183656					

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group Diabetes

	Age: 0 - 64													
	Age: All					Age: 20 - 44								
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White		
All	263.7	264.0	263.5	242.6	207.1	210.7	310.9	25.3	170.7	171.1	170.3	134.7	197.3	204.3
ACUTE M I.	27.0	28.2	26.1	26.6	19.8	21.4	32.7	14.6	14.7	14.6	8.9	18.7	22.7	
HYPERKALEMIA	5.1	5.1	5.1	6.0	3.0	4.4	6.6	6.0	6.5	5.4	4.4	7.2	4.0	
PERICARDITIS	0.4	0.4	0.3	0.2	0.4	0.4	0.3	0.6	0.6	0.7	0.8	0.5	0.4	
ATHEROSCLEROTIC H. D.	10.6	10.6	10.6	10.9	6.3	5.2	14.1	3.7	3.3	4.3	1.9	5.1	6.9	
CARDIOMYOPATHY	9.8	11.4	8.5	10.9	5.2	5.4	13.5	3.5	4.0	2.9	2.7	4.1	7.0	
CARDIAC ARRHYTHMIA	16.6	17.0	16.3	17.3	11.0	12.8	21.0	11.7	11.6	11.8	6.3	15.8	13.4	
CARDIAC ARREST	58.9	60.3	57.7	60.7	49.2	48.4	67.0	12.6	41.8	41.6	42.0	36.3	46.4	
VALVULAR HEART DIS.	1.2	1.2	1.3	1.1	0.9		1.5		0.3	0.3	0.4	0.2	0.5	0.9
PULMONARY EDEMA*	2.5	2.4	2.5	2.0	1.4	2.9	3.3	1.4	1.6	1.1	0.6	1.6	1.7	
CEREBRO-VASCULAR DIS.	17.4	15.3	19.1	21.4	15.9	14.9	18.3	12.0	10.6	13.9	8.7	14.3	14.1	
G. I. HEMORRHAGE	2.0	2.0	2.0	2.2	2.0	0.8	2.1	0.9	1.1	0.7	0.8	1.0	1.5	
OTHER HEMORRHAGE	1.4	1.2	1.6	1.6	1.4	2.1	1.4	1.5	1.5	1.5	1.6	1.3	1.0	
SEPTICEMIA	30.8	29.1	32.2	22.2	28.6	19.7	33.7	18.0	18.2	17.8	19.7	17.9	25.8	
PULMONARY INFECTION	5.4	6.2	4.7	6.9	4.1	6.1	6.1	2.7	2.7	2.5	1.9	2.6	3.3	
VIRAL INFECTION	0.3	0.2	0.3	0.2	0.3		0.2	0.3	0.5	0.1	0.3	0.4	0.2	
AIDS	0.3	0.5	0.2	0.2	0.6		0.2	1.6	1.9	1.1	2.4	1.0	0.3	
OTHER INFECTION	1.4	1.1	1.6	1.6	1.0	1.9	1.6	1.3	1.4	1.1	0.8	1.7	1.2	
CACHEXIA	2.2	2.1	2.4	2.4	1.3	1.9	3.0	1.7	2.1	1.2	0.5	2.6	1.6	
MALIGNANT DISEASE	5.5	6.0	5.0	5.3	5.7	3.3	5.5	0.8	0.6	1.1	1.1	0.7	3.8	
OTHER CAUSE	28.0	26.3	29.3	17.0	18.8	25.1	35.8	21.2	20.6	22.1	13.4	25.7	19.7	
UNKNOWN CAUSE	37.1	37.4	36.9	26.1	30.4	34.1	43.0	12.6	24.9	25.4	24.2	21.4	28.2	
Years at risk	169606	75604	94002	6357	64967	5226	90379	79	17348	9871	7476	6205	10000	76226
Patients	230052	103709	126343	8546	83269	6766	127494	110	23722	13551	10171	7976	14206	101111

	Age: 45 - 64					Age: 65+				
	Male	Female	Black	White	All	Male	Female	Black	White	All
	All	205.3	203.5	162.9	246.7	344.9	367.6	330.4	275.7	393.8
ACUTE M I.	23.2	22.3	17.3	28.1	34.1	38.8	31.1	25.2	40.0	
HYPERKALEMIA	3.8	4.2	2.5	4.9	6.0	6.3	5.9	3.2	7.9	
PERICARDITIS	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	
ATHEROSCLEROTIC H. D.	7.0	6.8	4.4	9.3	15.9	17.6	14.9	9.6	20.4	
CARDIOMYOPATHY	8.3	5.8	3.9	9.7	14.1	17.7	11.8	7.3	18.9	
CARDIAC ARRHYTHMIA	13.2	13.5	9.0	17.2	20.9	23.4	19.4	14.3	25.6	
CARDIAC ARREST	46.2	46.8	39.3	54.4	75.2	83.9	69.7	63.8	83.0	
VALVULAR HEART DIS.	1.0	0.9	0.7	1.3	1.7	1.6	1.7	1.3	2.0	
PULMONARY EDEMA*	1.6	1.7	0.9	2.3	3.5	3.6	3.5	2.1	4.6	
CEREBRO-VASCULAR DIS.	12.8	15.2	12.8	15.2	21.9	19.9	23.2	21.1	22.0	
G. I. HEMORRHAGE	1.3	1.6	1.5	1.6	2.8	3.2	2.6	2.8	2.8	
OTHER HEMORRHAGE	0.9	1.1	1.1	1.0	1.8	1.6	2.0	1.8	1.7	
SEPTICEMIA	23.9	27.5	23.3	29.6	38.7	39.0	38.6	36.9	41.0	
PULMONARY INFECTION	4.4	2.3	2.8	3.9	8.1	9.6	7.1	6.1	8.9	
VIRAL INFECTION	0.2	0.1	0.2	0.2	0.3	0.2	0.4	0.4	0.3	
AIDS	0.4	0.1	0.6	<0.05	0.1	<0.05	0.1	0.1	0.1	
OTHER INFECTION	0.9	1.4	0.9	1.3	1.6	1.3	1.8	1.2	1.8	
CACHEXIA	1.8	1.5	0.9	2.4	3.0	2.5	3.3	2.0	3.5	
MALIGNANT DISEASE	4.0	3.5	4.3	3.5	8.2	10.3	6.9	8.4	8.3	
OTHER CAUSE	18.7	20.5	13.7	25.8	37.8	37.6	38.0	25.9	46.9	
UNKNOWN CAUSE	31.1	26.0	22.5	34.7	48.6	49.2	48.3	41.7	53.7	
Years at risk	36204	40022	31684	37478	75953	29494	46460	27048	42865	
Patients	48293	52818	40097	51638	105109	41816	63293	35152	61602	

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group Not diabetes

	Age: 0, 19, 20 - 44, 45 - 64													
	Age: All													
	All	Male	Female	Asian	Black	Native	White	All	All	Male	Female	Black	White	
All	209.1	207.6	210.9	139.8	160.5	163.1	253.5	40.1	77.0	79.5	73.1	87.0	68.5	141.3
ACUTE M I.	16.8	17.8	15.5	13.5	11.4	11.2	21.5	0.4	3.2	3.4	2.8	3.0	3.9	12.6
HYPERKALEMIA	3.8	3.7	4.0	3.0	1.9	2.2	5.4	2.5	2.2	2.5	1.8	1.9	2.7	2.0
PERICARDITIS	0.3	0.3	0.2	0.1	0.3	1.1	0.3		0.2	0.2	0.2	0.2	0.2	0.3
ATHEROSCLEROTIC H. D.	7.4	7.5	7.3	5.1	3.8	4.3	10.5	0.4	0.5	0.4	0.5	0.4	0.6	3.1
CARDIOMYOPATHY	8.9	10.2	7.3	6.4	4.8	6.5	12.5	1.6	1.8	2.2	1.2	1.7	2.0	5.4
CARDIAC ARRHYTHMIA	11.6	12.1	11.0	9.3	8.0	9.4	14.7	2.5	3.3	3.6	2.7	3.5	3.1	8.2
CARDIAC ARREST	40.9	40.8	41.0	27.9	34.4	28.9	47.3	4.5	14.2	14.2	14.1	15.9	12.7	28.1
VALVULAR HEART DIS.	2.0	1.7	2.3	0.9	1.3	1.1	2.6		0.7	0.6	0.9	0.7	0.9	1.4
PULMONARY EDEMA*	2.0	1.9	2.2	1.4	1.3	1.8	2.7	0.8	0.7	0.7	0.8	0.9	0.6	1.3
CEREBRO-VASCULAR DIS.	11.0	9.1	13.4	11.6	9.5	7.6	12.2	2.5	3.9	3.4	4.6	4.1	3.7	7.7
G. I. HEMORRHAGE	2.3	2.1	2.5	0.9	1.7	3.2	2.8	1.2	0.7	0.6	0.8	0.7	0.7	1.6
OTHER HEMORRHAGE	2.4	2.3	2.6	1.7	2.1	2.2	2.7	0.8	1.1	1.1	1.1	1.2	0.9	1.8
SEPTICEMIA	19.6	17.6	22.1	11.6	18.5	18.0	21.0	4.5	8.1	7.3	9.4	8.5	7.9	15.4
PULMONARY INFECTION	5.7	6.1	5.1	4.9	3.5	5.8	7.5	0.4	1.7	1.9	1.4	2.1	1.4	2.9
VIRAL INFECTION	0.3	0.3	0.3	0.3	0.2		0.4		0.4	0.4	0.3	0.4	0.4	0.3
AIDS	3.0	4.2	1.5	0.1	6.4	2.5	0.5	0.8	10.0	12.2	6.4	16.3	2.2	2.3
OTHER INFECTION	0.9	0.8	1.0	0.6	0.8		1.0		0.5	0.5	0.5	0.5	0.5	0.8
CACHEXIA	2.4	2.0	2.8	1.4	1.3	1.4	3.3		0.3	0.3	0.3	0.2	0.5	0.9
MALIGNANT DISEASE	10.6	11.8	8.9	5.1	7.6	8.7	13.3	2.5	1.3	1.2	1.5	1.0	2.0	8.5
OTHER CAUSE	27.0	25.5	28.9	14.8	17.5	23.1	35.5	7.8	10.3	9.9	10.7	10.3	10.8	17.7
UNKNOWN CAUSE	30.2	29.7	30.7	19.3	24.1	24.2	35.8	7.0	12.1	12.8	10.9	13.4	10.9	19.1
Years at risk	294041	164401	129641	10325	121741	2772	156411	2443	65514	39921	25593	35470	25756	96174
Patients	377682	212074	165608	12846	148649	3505	208770	3440	80272	49033	31239	42736	32169	118890

	Age: 45 - 64						Age: 65+					
	Male, Female, Black, White, All											
	All	Male	Female	Black	White	All	Male	Female	Black	White		
All	141.9	140.5	128.3	159.8	329.0	339.3	317.7	272.2	359.7			
ACUTE M I.	13.4	11.5	10.6	15.3	27.1	30.2	23.7	20.5	30.2			
HYPERKALEMIA	1.9	2.2	1.2	3.0	6.0	5.8	6.2	2.8	7.5			
PERICARDITIS	0.4	0.3	0.3	0.3	0.3	0.4	0.2	0.3	0.3			
ATHEROSCLEROTIC H. D.	3.1	3.1	2.2	4.1	14.3	15.4	13.0	9.1	16.9			
CARDIOMYOPATHY	5.8	4.9	4.4	6.7	15.3	18.6	11.6	8.3	18.7			
CARDIAC ARRHYTHMIA	8.7	7.4	7.1	9.4	18.5	19.9	17.0	13.5	21.1			
CARDIAC ARREST	28.4	27.7	27.9	29.3	64.5	67.2	61.5	60.5	67.4			
VALVULAR HEART DIS.	1.3	1.6	1.3	1.5	3.1	2.8	3.4	2.0	3.7			
PULMONARY EDEMA*	1.2	1.4	1.2	1.4	3.2	3.1	3.4	1.8	4.0			
CEREBRO-VASCULAR DIS.	6.7	8.9	8.1	7.1	17.2	14.5	20.2	16.7	17.4			
G. I. HEMORRHAGE	1.5	1.7	1.2	2.0	3.7	3.6	3.8	3.3	3.9			
OTHER HEMORRHAGE	1.7	1.9	1.7	2.0	3.6	3.5	3.7	3.3	3.7			
SEPTICEMIA	14.3	16.9	15.4	16.1	28.7	26.6	31.0	31.9	27.8			
PULMONARY INFECTION	2.9	2.9	1.9	4.0	9.8	11.3	8.2	6.9	11.2			
VIRAL INFECTION	0.4	0.2	0.2	0.5	0.3	0.3	0.4	0.1	0.4			
AIDS	3.4	0.7	4.1	0.4	0.1	0.2	<0.05	0.3	<0.05			
OTHER INFECTION	0.7	0.9	0.6	1.1	1.2	1.1	1.3	1.3	1.1			
CACHEXIA	0.6	1.3	0.7	1.3	4.5	4.2	4.9	3.0	5.3			
MALIGNANT DISEASE	9.0	7.9	6.4	11.3	16.8	20.5	12.8	15.4	17.9			
OTHER CAUSE	16.5	19.2	13.8	22.4	42.7	42.1	43.3	29.2	49.9			
UNKNOWN CAUSE	20.1	17.7	18.0	20.8	48.0	47.9	48.1	42.0	51.4			
Years at risk	55058	41116	47253	43634	129910	68047	61863	38072	85788			
Patients	68366	50524	56274	55994	175080	92726	82354	48323	118868			

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group All

	Age: All				Age: 0-19				Age: 20 - 44				Age: 45 - 64				
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	Male	Female	Black	White
All	232.1	240.6	223.2	136.6	174.6	202.0	263.2	50.7	96.3	102.9	90.1	98.8	101.6	203.6			
ACUTE M I.	22.5	25.8	19.0	13.8	15.8	20.1	25.8	0.5	7.3	8.8	6.0	5.8	8.9	22.6			
HYPERKALEMIA	2.8	2.8	2.8	1.6	1.1	1.8	3.6	1.1	1.6	1.4	1.7	0.7	2.2	2.3			
PERICARDITIS	0.2	0.3	0.1	0.3	0.2		0.3		0.3	0.4	0.1	0.1	0.3	0.3			
ATHEROSCLEROTIC H. D.	10.2	11.4	9.0	5.9	5.0	9.1	12.7	0.5	2.1	1.9	2.3	0.7	3.0	6.7			
CARDIOMYOPATHY	13.2	16.5	9.7	6.3	5.7	7.3	16.8	1.1	3.8	4.2	3.3	3.8	4.0	9.4			
CARDIAC ARRHYTHMIA	13.0	14.5	11.5	7.9	8.2	12.8	15.3	0.5	5.1	5.0	5.3	4.1	6.1	13.1			
CARDIAC ARREST	43.4	45.4	41.3	25.7	36.2	36.6	48.0	10.7	18.9	20.8	17.1	17.9	21.1	39.5			
VALVULAR HEART DIS.	1.3	1.4	1.1		0.8		1.6	1.1	0.6	0.4	0.7	0.4	0.7	1.2			
PULMONARY EDEMA*	1.5	1.7	1.3	1.0	0.8		1.9	0.5	0.7	0.9	0.4	0.1	1.0	0.9			
CEREBRO-VASCULAR DIS.	13.8	11.8	16.0	9.5	11.7	14.6	15.0	2.1	5.1	4.5	5.8	5.5	5.3	12.9			
G. I. HEMORRHAGE	2.0	2.0	1.9	1.0	1.6	3.7	2.2	0.5	0.8	0.9	0.7	0.9	0.8	1.6			
OTHER HEMORRHAGE	1.5	1.4	1.5	1.0	1.8	0.9	1.3	0.5	0.8	0.4	1.2	1.3	0.4	1.6			
SEPTICEMIA	33.5	29.7	37.4	24.0	28.8	38.4	35.9	6.4	15.0	13.2	16.6	15.5	15.6	33.0			
PULMONARY INFECTION	5.2	6.1	4.2	5.9	3.5	6.4	5.8	1.6	1.8	1.6	2.0	1.9	1.7	3.7			
VIRAL INFECTION	0.3	0.3	0.2	0.3	0.2	0.9	0.2	0.5	0.2	0.2	0.1	0.3	0.1	0.1			
AIDS	2.0	3.2	0.8		6.4	3.7	0.4	1.1	5.6	9.2	2.2	14.2	1.0	1.1			
OTHER INFECTION	2.2	1.5	3.0	1.0	1.9	2.7	2.4	0.5	1.2	0.9	1.4	1.5	1.1	1.9			
CACHEXIA	3.4	2.9	3.8	1.3	1.8	2.7	4.2	0.5	0.8	0.9	0.6	0.6	1.0	2.1			
MALIGNANT DISEASE	5.1	6.0	4.2	2.0	3.4	4.6	6.1	1.1	0.9	1.0	0.8	1.2	0.9	4.7			
OTHER CAUSE	27.4	27.7	27.2	12.8	17.2	11.0	33.1	11.2	11.2	11.9	10.4	10.2	12.3	21.8			
UNKNOWN CAUSE	27.6	28.1	27.1	15.1	22.5	24.7	30.7	8.5	12.9	14.2	11.6	11.8	14.2	23.2			
Years at risk	73828	37993	35835	3039	19311	1094	49466	1872	19910	9661	10249	6763	11566	30290			
Patients	98984	51504	47480	3916	24226	1428	68075	2792	25681	12720	12961	8279	15407	39908			

	Age: 45 - 64				Age: 65+					
	All	Male	Female	Black	White	All	Male	Female	Black	White
All	208.1	199.0	166.7	226.9	411.8	409.4	414.7	371.2	426.4	
ACUTE M I.	25.8	19.4	17.7	25.5	38.1	41.6	33.7	33.4	39.3	
HYPERKALEMIA	2.3	2.3	0.9	2.9	4.8	4.6	5.0	2.8	5.3	
PERICARDITIS	0.3	0.2	0.2	0.3	0.2	0.3	0.1		0.3	
ATHEROSCLEROTIC H. D.	6.9	6.6	4.6	7.8	23.3	25.7	20.3	15.5	25.3	
CARDIOMYOPATHY	11.3	7.4	4.2	12.2	28.2	34.3	20.6	14.5	31.5	
CARDIAC ARRHYTHMIA	14.7	11.4	8.7	15.6	21.3	23.1	19.1	16.7	22.3	
CARDIAC ARREST	40.9	38.0	35.6	42.5	74.2	74.3	74.1	78.6	74.9	
VALVULAR HEART DIS.	1.3	1.1	0.9	1.5	2.1	2.5	1.5	1.2	2.4	
PULMONARY EDEMA*	0.9	0.8	0.7	1.0	3.3	3.4	3.2	2.2	3.7	
CEREBRO-VASCULAR DIS.	11.1	14.7	11.9	13.6	24.2	19.3	30.1	25.7	23.9	
G. I. HEMORRHAGE	1.4	1.8	1.7	1.6	3.6	3.8	3.4	3.1	3.8	
OTHER HEMORRHAGE	1.6	1.5	1.7	1.5	2.0	2.0	2.0	3.4	1.8	
SEPTICEMIA	29.5	36.7	27.9	36.1	53.3	45.1	63.3	61.6	51.4	
PULMONARY INFECTION	4.0	3.3	3.2	3.6	10.7	12.8	8.1	8.0	11.1	
VIRAL INFECTION	0.3			0.2	0.5	0.5	0.5	0.6	0.4	
AIDS	1.8	0.3	2.6	0.4	0.1	0.3		0.9		
OTHER INFECTION	1.6	2.3	1.5	2.1	3.7	1.9	5.9	4.3	3.7	
CACHEXIA	1.8	2.5	0.8	2.8	7.7	6.3	9.3	7.4	8.1	
MALIGNANT DISEASE	4.4	5.0	3.6	5.3	10.1	12.6	6.9	7.7	10.9	
OTHER CAUSE	21.4	22.2	15.7	26.1	51.6	49.7	53.8	36.5	56.2	
UNKNOWN CAUSE	24.9	21.4	22.6	24.6	48.9	45.1	53.5	46.7	50.2	
Years at risk	15362	14928	8849	19289	21756	11969	9787	3230	17375	
Patients	20428	19480	10947	26105	30603	16851	13752	4348	24677	

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD.  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group Diabetes

	Age: 0 - 64												
	Age: All					Age: 20 - 44							
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	
All	320.0	308.5	332.1	249.7	256.1	263.5	349.3	172.0	165.0	179.7	162.5	177.7	282.0
ACUTE M I.	35.4	37.3	33.4	24.5	27.2	30.4	38.8	17.7	16.6	18.9	17.3	18.4	34.6
HYPERKALEMIA	4.3	3.9	4.7	1.2	1.4		5.5	4.2	3.7	4.8	2.2	5.0	3.5
PERICARDITIS	0.4	0.5	0.3	1.2	0.4		0.4	0.2	0.4			0.2	0.6
ATHEROSCLEROTIC H. D.	16.3	16.6	16.0	14.0	10.2	13.5	18.8	6.0	3.3	8.8	1.1	7.0	11.4
CARDIOMYOPATHY	15.5	16.7	14.3	7.0	7.0	8.4	19.2	5.4	5.2	5.6	5.4	5.2	12.8
CARDIAC ARRHYTHMIA	18.8	19.9	17.7	14.0	12.0	11.8	21.8	9.6	8.9	10.5	3.3	11.5	18.8
CARDIAC ARREST	65.7	65.0	66.4	50.2	56.6	54.1	70.7	41.6	42.4	40.6	39.0	43.3	56.9
VALVULAR HEART DIS.	1.0	1.0	1.0		0.5		1.3	0.8	1.1	0.4		1.0	1.0
PULMONARY EDEMA*	1.6	1.4	1.8	2.3	1.3		1.8	1.2	1.5	0.8		1.5	1.0
CEREBRO-VASCULAR DIS.	21.1	17.3	25.1	18.7	21.7	22.0	21.1	10.0	10.0	10.0	10.8	10.0	20.0
G. I. HEMORRHAGE	2.2	2.2	2.1	1.2	2.0	6.8	2.2	1.0	0.7	1.2		1.0	1.4
OTHER HEMORRHAGE	1.0	1.0	0.9		1.3	1.7	0.9						1.1
SEPTICEMIA	48.6	41.9	55.6	49.0	41.3	50.7	50.9	26.4	22.1	30.9	31.4	25.6	46.4
PULMONARY INFECTION	6.5	7.1	5.9	10.5	7.2	11.8	5.8	2.9	2.2	3.6	3.3	2.7	5.2
VIRAL INFECTION	0.3	0.5	0.1	1.2		1.7	0.2	0.2	0.4			0.2	0.2
AIDS	0.4	0.8			0.7		0.4	0.8	1.5		2.2	0.5	0.5
OTHER INFECTION	2.9	2.0	3.9	1.2	2.7	3.4	3.1	1.2	1.1	1.2		1.5	2.5
CACHEXIA	4.0	3.3	4.8	3.5	2.0	3.4	4.8	1.7	2.2	1.2		2.2	2.9
MALIGNANT DISEASE	3.5	3.6	3.4	1.2	3.0	3.4	3.9	0.8	0.7	0.8	1.1	0.7	3.0
OTHER CAUSE	32.8	31.3	34.4	21.0	23.6	11.8	37.6	17.7	18.8	16.5	16.3	17.9	27.4
UNKNOWN CAUSE	37.7	35.3	40.2	28.0	34.2	28.7	40.2	22.9	22.1	23.7	29.3	22.2	30.7
Years at risk	24470	12536	11934	857	5587	592	17050	9	5197	2709	2488	923	4017
Patients	35039	17975	17064	1183	7489	791	24995	16	7363	3888	3475	1215	5802

	Age: 45 - 64										Age: 65+			
	Male					Female					Male		Female	
	Black	White	All	Black	White	Black	White	All	Black	White	All	Black	White	
All	273.7	291.0	213.4	320.5	502.1	491.0	512.8	429.2	535.4					
ACUTE M I.	36.4	32.6	24.0	40.2	50.4	55.5	45.3	42.2	53.2					
HYPERKALEMIA	3.3	3.8	1.2	4.8	5.7	5.3	6.1	1.5	7.1					
PERICARDITIS	0.6	0.5	0.6	0.5	0.3	0.3	0.3		0.4					
ATHEROSCLEROTIC H. D.	10.2	12.7	7.5	13.3	33.1	39.5	26.9	23.4	37.5					
CARDIOMYOPATHY	14.1	11.4	5.1	16.6	28.3	30.9	25.7	12.8	34.6					
CARDIAC ARRHYTHMIA	20.0	17.6	12.0	22.9	25.8	28.5	23.1	18.1	28.2					
CARDIAC ARREST	56.1	57.9	48.9	62.6	100.0	100.4	99.6	88.3	106.0					
VALVULAR HEART DIS.	0.8	1.2	0.6	1.2	1.3	1.5	1.2	0.8	1.6					
PULMONARY EDEMA*	0.6	1.3	1.2	0.9	3.2	3.0	3.5	2.3	3.6					
CEREBRO-VASCULAR DIS.	17.5	22.7	18.3	21.1	31.5	22.9	39.8	37.7	30.0					
G. I. HEMORRHAGE	0.9	2.0	1.8	1.1	4.4	5.9	2.9	3.8	4.8					
OTHER HEMORRHAGE	1.2	1.0	0.9	1.2	1.5	1.5	1.4	3.0	1.0					
SEPTICEMIA	42.1	51.0	31.8	53.1	69.6	57.3	81.4	72.4	67.9					
PULMONARY INFECTION	5.9	4.5	5.4	4.5	11.6	13.4	9.8	14.3	10.5					
VIRAL INFECTION	0.5			0.2	0.4	0.6	0.3		0.2					
AIDS	0.9		0.6	0.5										
OTHER INFECTION	1.9	3.2	2.7	2.5	5.0	3.0	6.9	4.5	5.4					
CACHEXIA	2.3	3.5	0.3	4.0	7.8	5.9	9.5	7.5	8.3					
MALIGNANT DISEASE	2.6	3.3	2.4	3.3	6.6	7.7	5.5	6.0	7.3					
OTHER CAUSE	25.2	29.8	21.0	32.2	54.2	52.9	55.4	35.5	62.2					
UNKNOWN CAUSE	30.5	30.9	27.3	33.6	61.6	55.0	68.1	55.1	65.7					
Years at risk	6456	5979	3336	8063	6829	3366	3463	1326	4964					
Patients	8987	8337	4384	11506	10336	5092	5244	1885	7677					

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND 2PT PAT Primary disease group Not diabetes

	Age: 0, 19, 20 - 44, 45 - 64													
	Age: All				Age: 0, 19				Age: 20 - 44					
	All	Male	Female	Asian	Black	Native	White	All	All	Male	Female	Black	White	
All	185.2	203.9	165.4	91.1	137.9	129.0	214.2	51.6	68.8	78.0	60.5	88.3	59.9	145.7
ACUTE M I.	15.8	19.7	11.7	9.3	11.0	8.1	18.6	0.5	3.6	5.7	1.7	4.0	3.7	14.1
HYPERKALEMIA	2.1	2.3	1.9	1.9	1.0	4.0	2.5	1.1	0.6	0.6	0.7	0.5	0.8	1.4
PERICARDITIS	0.1	0.2	<0.05	..	0.1	..	0.2	..	0.3	0.4	0.1	0.2	0.4	..
ATHEROSCLEROTIC H. D.	7.1	8.7	5.3	2.8	2.8	4.0	9.3	0.5	0.8	1.3	0.3	0.7	0.9	3.5
CARDIOMYOPATHY	11.9	16.3	7.3	6.0	5.3	6.0	15.4	1.1	3.1	3.8	2.5	3.5	3.2	6.9
CARDIAC ARRHYTHMIA	10.0	11.8	8.1	5.6	6.4	12.1	11.8	0.5	3.6	3.5	3.6	4.3	3.3	8.9
CARDIAC ARREST	31.9	35.6	28.0	15.7	27.4	16.1	35.5	10.9	10.9	12.4	9.5	14.5	9.2	26.7
VALVULAR HEART DIS.	1.4	1.6	1.1	..	0.8	..	1.7	1.1	0.5	0.1	0.8	0.5	0.5	1.4
PULMONARY EDEMA*	1.4	1.9	1.0	0.5	0.6	..	1.9	0.5	0.7	0.3	0.2	0.7	0.8	0.8
CEREBRO-VASCULAR DIS.	10.0	8.8	11.4	5.6	7.2	6.0	11.7	2.2	3.4	2.2	4.4	4.5	2.8	7.6
G. I. HEMORRHAGE	1.9	1.9	1.8	0.9	1.4	..	2.2	0.5	0.7	0.9	0.5	0.9	0.7	1.7
OTHER HEMORRHAGE	1.7	1.6	1.8	1.4	2.0	..	1.6	0.5	1.1	0.6	1.6	1.6	0.7	1.9
SEPTICEMIA	25.5	23.3	27.9	14.3	22.9	24.2	27.6	6.5	11.0	9.9	12.0	13.0	10.3	23.1
PULMONARY INFECTION	4.4	5.4	3.3	4.2	1.9	..	5.6	1.6	1.4	1.3	1.4	1.7	1.2	2.4
VIRAL INFECTION	0.2	0.2	0.2	..	0.2	..	0.2	0.5	0.1	0.1	0.1	0.3	..	0.1
AIDS	2.8	4.3	1.2	..	8.8	8.1	0.4	1.1	7.4	12.4	3.0	16.3	1.2	1.4
OTHER INFECTION	1.8	1.2	2.5	0.9	1.6	2.0	2.0	0.5	1.0	0.9	1.2	1.7	0.7	1.5
CACHEXIA	3.0	2.8	3.3	0.5	1.6	2.0	3.8	0.5	0.4	0.4	0.4	0.7	0.3	1.6
MALIGNANT DISEASE	5.9	7.2	4.5	2.3	3.6	6.0	7.2	1.1	1.0	1.2	0.8	1.2	0.9	5.7
OTHER CAUSE	24.5	25.6	23.3	9.3	14.4	10.1	30.3	11.4	8.7	9.0	8.5	9.2	9.1	17.8
UNKNOWN CAUSE	21.7	23.6	19.7	10.2	16.9	20.1	24.7	8.7	8.9	10.6	7.3	8.8	9.2	17.3
Years at risk	48631	25070	23561	2162	13507	496	31971	1840	14557	6875	7682	5775	7475	17596
Patients	62726	32880	29846	2703	16382	626	42317	2740	18034	8690	9344	6951	9464	22158

	Age: 45 - 64						Age: 65+							
	Age: 45 - 64			Age: 65+			Age: 45 - 64			Age: 65+				
	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black	White
All	157.0	134.4	135.1	156.0	365.4	373.2	354.7	320.0	378.1					
ACUTE M I.	17.6	10.6	13.8	14.6	32.0	35.7	27.1	26.6	33.3					
HYPERKALEMIA	1.7	1.1	0.7	1.4	4.4	4.4	4.5	3.8	4.7					
PERICARDITIS	..	..	..	..	0.1	0.2	..	..	0.2					
ATHEROSCLEROTIC H. D.	4.4	2.5	2.9	3.9	18.5	20.2	16.3	9.8	20.2					
CARDIOMYOPATHY	9.1	4.8	3.7	8.8	28.1	35.7	17.9	16.3	30.2					
CARDIAC ARRHYTHMIA	10.7	7.0	6.1	10.2	18.9	20.9	16.1	15.2	19.6					
CARDIAC ARREST	29.8	23.5	27.1	27.2	61.8	63.8	59.1	70.5	62.0					
VALVULAR HEART DIS.	1.7	1.0	1.1	1.6	2.3	2.7	1.6	1.1	2.5					
PULMONARY EDEMA*	1.1	0.5	0.4	1.1	3.3	3.7	2.7	2.2	3.6					
CEREBRO-VASCULAR DIS.	6.1	9.0	7.4	8.0	20.6	17.6	24.8	16.8	21.4					
G. I. HEMORRHAGE	1.7	1.7	1.7	1.9	3.3	3.1	3.7	2.7	3.4					
OTHER HEMORRHAGE	1.9	1.8	2.2	1.6	2.3	2.1	2.4	3.3	2.2					
SEPTICEMIA	19.8	26.4	24.5	23.4	45.2	39.5	53.0	52.1	44.3					
PULMONARY INFECTION	2.4	2.5	1.7	2.9	10.1	12.3	7.1	3.8	11.1					
VIRAL INFECTION	0.1	..	..	0.1	0.3	0.2	0.5	0.5	0.3					
AIDS	2.3	0.6	3.7	0.4	0.2	0.4	..	1.6	..					
OTHER INFECTION	1.3	1.7	0.7	1.8	3.2	1.5	5.5	4.3	3.0					
CACHEXIA	1.3	1.9	0.9	2.0	7.6	6.5	9.0	7.1	8.0					
MALIGNANT DISEASE	5.6	5.9	4.4	6.5	11.6	14.5	7.7	9.2	12.2					
OTHER CAUSE	18.2	17.5	12.7	21.4	49.9	48.4	51.9	35.8	53.4					
UNKNOWN CAUSE	20.0	14.5	19.4	17.2	41.5	39.7	43.8	37.4	42.7					
Years at risk	8782	8814	5426	11083	14638	8430	6208	1844	12200					
Patients	11233	10925	6429	14349	19794	11480	8314	2364	16650					

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 4 All Pts with functioning TX.  
 At risk until death or end of year.  
 AND 2PT PAT Primary disease group All

	Age: All												Age: 0-19				Age: 20-44				Age: 45-64			
	All												Male				Female				All			
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black	White		
All	32.4	34.8	28.9	25.0	35.7	35.4	32.4	6.7	16.2	16.7	15.6	15.7	16.9	44.0										
ACUTE M I.	2.1	2.3	1.8	1.0	1.9	3.6	2.2		1.0	1.1	1.0	0.7	1.2	3.1										
HYPERKALEMIA	0.1	0.1	0.1	0.1	0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1										
PERICARDITIS	<0.05	<0.05	<0.05		<0.05		<0.05		<0.05	<0.05			<0.05	0.1										
ATHEROSCLEROTIC H. D.	0.4	0.4	0.4	0.3	0.3	0.4	0.4		0.2	0.1	0.2	0.1	0.2	0.5										
CARDIOMYOPATHY	0.3	0.4	0.3	0.3	0.2	0.8	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.5										
CARDIAC ARRHYTHMIA	0.6	0.6	0.5	0.3	0.9	1.2	0.5		0.4	0.4	0.4	0.3	0.4	0.7										
CARDIAC ARREST	2.5	2.7	2.2	2.7	2.9	2.0	2.4	0.4	1.3	1.2	1.3	1.0	1.4	3.6										
VALVULAR HEART DIS.	0.1	<0.05	0.1		0.1		0.1		<0.05	<0.05	0.1	0.1	<0.05	0.1										
PULMONARY EDEMA*	0.1	0.1	0.2	0.1	0.2		0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1										
CEREBRO-VASCULAR DIS.	1.2	1.3	1.1	1.3	1.3	1.6	1.2	0.3	0.7	0.7	0.8	0.5	0.8	1.7										
G.I. HEMORRHAGE	0.1	0.2	0.1		0.3		0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.2										
OTHER HEMORRHAGE	0.2	0.3	0.2	0.4	0.1		0.3	0.1	0.2	0.2	0.2	0.1	0.2	0.3										
SEPTICEMIA	1.9	1.7	2.1	1.9	2.5	2.4	1.8	0.3	1.0	0.9	1.1	1.1	1.0	2.8										
PULMONARY INFECTION	0.9	0.9	0.8	0.3	1.1	1.6	0.8	0.5	0.5	0.4	0.5	0.8	0.4	1.2										
VIRAL INFECTION	0.3	0.3	0.3	0.1	0.3		0.3	0.2	0.1	0.1	0.2	0.1	0.1	0.4										
AIDS	<0.05	<0.05					<0.05		<0.05	<0.05			<0.05											
OTHER INFECTION	0.2	0.2	0.2	0.4	0.2		0.2	0.2	0.1	<0.05	0.1		0.1	0.3										
CACHEXIA	<0.05	<0.05	<0.05	0.1	0.1		<0.05							0.1										
MALIGNANT DISEASE	2.1	2.3	1.8	1.3	1.9	1.6	2.2	0.5	0.8	1.0	0.5	0.7	0.8	2.8										
OTHER CAUSE	3.1	3.1	3.0	1.9	3.7	3.2	3.0	1.3	1.9	1.9	2.0	2.2	2.0	3.8										
UNKNOWN CAUSE	16.2	17.7	13.8	12.5	17.6	16.9	16.2	2.5	7.6	8.1	7.0	7.5	7.8	21.9										
Years at risk	222081	132680	89400	7752	37775	2483	170349	10601	104817	60926	43891	16967	81386	91239										
Patients	228846	136846	92000	7952	39020	2550	175492	11117	107208	62285	44923	17395	83219	94302										

	Age: 45-64												Age: 65+							
	All												Male				Female			
	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black	White					
All	47.2	39.0	50.1	43.3	91.7	98.1	81.6	101.1	90.8											
ACUTE M I.	3.5	2.4	3.1	3.2	4.9	5.1	4.6	3.3	5.3											
HYPERKALEMIA	<0.05	0.1		0.1	0.1	0.1	0.2		0.1											
PERICARDITIS	0.1	0.1	0.1	0.1																
ATHEROSCLEROTIC H. D.	0.6	0.4	0.5	0.6	1.8	1.7	1.8	1.9	1.7											
CARDIOMYOPATHY	0.6	0.4	0.4	0.6	0.8	0.9	0.8	0.5	0.9											
CARDIAC ARRHYTHMIA	0.8	0.6	1.4	0.6	1.3	1.3	1.3	2.8	1.1											
CARDIAC ARREST	3.7	3.3	4.4	3.3	6.0	7.2	4.1	8.0	5.8											
VALVULAR HEART DIS.	<0.05	0.1	0.1	0.1	0.1		0.2		0.1											
PULMONARY EDEMA*	0.1	0.1	0.1	0.1	0.6	0.2	1.2	0.5	0.6											
CEREBRO-VASCULAR DIS.	1.8	1.6	1.9	1.7	2.3	2.9	1.5	3.3	2.2											
G.I. HEMORRHAGE	0.2	0.1	0.2	0.2	0.4	0.5	0.2	1.9	0.2											
OTHER HEMORRHAGE	0.3	0.2	0.2	0.3	0.5	0.4	0.5		0.6											
SEPTICEMIA	2.4	3.3	3.6	2.6	4.0	3.8	4.1	7.1	3.3											
PULMONARY INFECTION	1.3	1.0	1.5	1.1	2.0	2.1	1.8	0.9	2.2											
VIRAL INFECTION	0.4	0.4	0.5	0.4	0.6	1.0	0.2	0.9	0.6											
AIDS																				
OTHER INFECTION	0.3	0.3	0.4	0.2	0.4	0.4	0.3		0.4											
CACHEXIA	0.1	0.1	0.1	<0.05	0.1	0.1	0.2	0.5	0.1											
MALIGNANT DISEASE	3.1	2.5	2.7	2.9	7.9	8.2	7.5	6.1	8.4											
OTHER CAUSE	3.8	3.7	4.9	3.6	7.9	8.4	7.1	6.6	8.0											
UNKNOWN CAUSE	24.0	18.5	24.0	21.7	49.9	53.7	44.0	56.9	49.3											
Years at risk	55797	35443	16971	68293	15423	9397	6027	2127	12548											
Patients	57759	36543	17561	70589	16219	9911	6308	2247	13188											

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.

Modality group: 4 All Pts with functioning TX.

At risk until death or end of year.

AND 2PT PAT Primary disease group Diabetes

	Age: 0 - 64												
	Age: All					Age: 20 - 44							
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All
All	53.3	55.7	49.7	69.6	57.2	56.7	52.2	32.8	33.5	31.9	29.7	33.1	69.9
ACUTE M I.	4.8	5.0	4.5	6.8	3.6	6.9	4.9	3.2	3.3	3.1	2.4	3.3	6.6
HYPERKALEMIA	0.2	0.1	0.3	1.1			0.2	0.2	0.2	0.3		0.2	0.2
PERICARDITIS	<0.05	0.1			0.2		<0.05						0.1
ATHEROSCLEROTIC H. D.	1.0	0.9	1.1	2.3	0.8	1.4	1.0	0.4	0.2	0.6		0.4	1.2
CARDIOMYOPATHY	0.5	0.6	0.4				0.6	0.3	0.4	0.1		0.3	0.8
CARDIAC ARRHYTHMIA	1.2	1.4	0.9		1.8	2.8	1.1	0.9	0.9	0.9	1.0	0.9	1.4
CARDIAC ARREST	5.3	5.7	4.8	10.3	4.9	4.1	5.3	2.7	2.9	2.5	1.4	2.9	7.6
VALVULAR HEART DIS.	<0.05		0.1				0.1						0.1
PULMONARY EDEMA*	0.3	0.3	0.3		0.5		0.3	0.2	0.2	0.2	0.5	0.2	0.4
CEREBRO-VASCULAR DIS.	2.8	2.7	2.9	4.6	2.1	4.1	2.8	1.8	1.8	1.8	1.4	1.8	3.7
G. I. HEMORRHAGE	0.2	0.2	0.1		0.2		0.2	0.1		0.2		0.1	0.2
OTHER HEMORRHAGE	0.2	0.3	0.2	2.3			0.2	0.3	0.2	0.4		0.3	0.2
SEPTICEMIA	3.2	3.1	3.3	3.4	5.2	5.5	2.8	2.0	2.0	2.0	2.4	2.0	4.2
PULMONARY INFECTION	1.1	1.1	1.0		2.1	1.4	0.9	0.6	0.7	0.6	0.5	0.6	1.5
VIRAL INFECTION	0.2	0.3	0.2		0.2		0.2	0.1	0.2			0.1	0.3
OTHER INFECTION	0.3	0.2	0.3	1.1	0.3		0.2	0.1	0.1	0.2		0.1	0.4
CACHEXIA	0.1	0.1	0.1		0.2		0.1						0.1
MALIGNANT DISEASE	1.7	2.2	1.0	1.1	1.6		1.8	0.6	0.8	0.3	1.0	0.6	2.7
OTHER CAUSE	5.4	5.3	5.5	4.6	5.2	5.5	5.4	4.1	3.9	4.4	4.3	4.0	6.4
UNKNOWN CAUSE	24.7	26.2	22.5	31.9	28.3	24.9	24.0	15.1	15.7	14.3	14.8	15.2	31.7
Years at risk	45732	27262	18470	876	6117	724	37784	24	23474	13179	10295	2088	20809
Patients	47581	28395	19186	920	6389	749	39280	26	24252	13617	10635	2183	21470

	Age: 45 - 64					Age: 65+				
	Male					Female				
	All	Male	Female	Black	White	All	Male	Female	Black	White
All	71.0	67.9	67.8	70.6	124.9	129.1	117.1	99.0	133.4	
ACUTE M I.	6.7	6.5	4.5	6.9	5.3	5.2	5.5	2.0	6.4	
HYPERKALEMIA	0.2	0.3		0.3	0.5		1.4			
PERICARDITIS	0.2		0.3	0.1						
ATHEROSCLEROTIC H. D.	1.3	1.1	0.9	1.4	5.3	3.0	9.6	4.0	5.0	
CARDIOMYOPATHY	0.9	0.7		1.0	1.0		2.8		1.4	
CARDIAC ARRHYTHMIA	1.7	0.9	1.4	1.4	2.9	3.7	1.4	8.1	1.4	
CARDIAC ARREST	7.9	7.1	6.0	7.9	12.1	11.9	12.4	12.1	12.8	
VALVULAR HEART DIS.		0.3		0.1						
PULMONARY EDEMA*	0.4	0.4	0.6	0.4	1.0	0.7	1.4		1.4	
CEREBRO-VASCULAR DIS.	3.3	4.3	2.3	4.1	4.8	5.9	2.8	4.0	4.3	
G. I. HEMORRHAGE	0.4		0.3	0.3						
OTHER HEMORRHAGE	0.4			0.2						
SEPTICEMIA	3.9	4.6	6.8	3.5	7.2	6.7	8.3	6.1	7.1	
PULMONARY INFECTION	1.4	1.6	2.8	1.2	1.9	2.2	1.4	4.0	1.4	
VIRAL INFECTION	0.2	0.4	0.3	0.3	0.5	0.7			0.7	
OTHER INFECTION	0.3	0.5	0.6	0.4	0.5	0.7			0.7	
CACHEXIA	0.2	0.1	0.3	0.1						
MALIGNANT DISEASE	3.1	2.0	2.3	2.8	5.3	7.4	1.4		7.8	
OTHER CAUSE	6.2	6.7	6.0	6.8	10.1	10.4	9.6	4.0	10.6	
UNKNOWN CAUSE	32.5	30.4	32.6	31.4	66.5	70.5	59.2	54.5	72.4	
Years at risk	12724	7436	3525	15552	2074	1348	726	495	1410	
Patients	13321	7767	3676	16284	2215	1444	771	521	1511	

(CONTINUED)

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

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 4 All Pts with functioning TX.  
 At risk until death or end of year.  
 AND 2PT PAT Primary disease group Not diabetes

	Age: All										Age: 0-19		Age: 20-44		Age: 45-64			
	All										Male		Female		Black		White	
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	Male	Female	Black	White	
All	27.0	29.5	23.3	20.2	31.5	27.8	26.5	7.0	11.4	12.0	10.4	13.7	11.1	36.6				
ACUTE M I.	1.4	1.6	1.1	0.3	1.6	2.4	1.4		0.4	0.4	0.4	0.5	0.4	2.1				
HYPERKALEMIA	<0.05	0.1	<0.05		0.1		<0.05	0.1	0.1	0.1		0.1	<0.05	<0.05				
PERICARDITIS	<0.05	<0.05	<0.05				<0.05		<0.05	<0.05			<0.05	<0.05				
ATHEROSCLEROTIC H. D.	0.3	0.3	0.2		0.3		0.3		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	
CARDIOMYOPATHY	0.3	0.4	0.2	0.3	0.3	1.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	
CARDIAC ARRHYTHMIA	0.5	0.5	0.4	0.3	0.8	0.6	0.4		0.3	0.3	0.2	0.2	0.3	0.6				
CARDIAC ARREST	1.8	2.0	1.6	1.8	2.6	1.2	1.7	0.3	0.9	0.8	1.0	0.9	0.9	2.5				
VALVULAR HEART DIS.	0.1	<0.05	0.1		0.1		<0.05		0.1	<0.05	0.1	0.1	0.1	<0.05				
PULMONARY EDEMA*	0.1	0.1	0.2	0.2	0.1		0.1	0.2	0.1	0.1	<0.05	0.2	<0.05	<0.05				
CEREBRO-VASCULAR DIS.	0.8	0.9	0.7	0.9	1.1	0.6	0.7	0.3	0.3	0.3	0.4	0.3	0.4	1.2				
G.I. HEMORRHAGE	0.1	0.2	0.1		0.3		0.1	0.2	0.1	0.1	<0.05	0.1	0.1	0.1	0.1	0.1	0.1	
OTHER HEMORRHAGE	0.2	0.3	0.2	0.2	0.1		0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.3	
SEPTICEMIA	1.6	1.4	1.9	1.8	2.1	1.2	1.5	0.3	0.7	0.7	0.8	0.9	0.7	2.4				
PULMONARY INFECTION	0.8	0.9	0.7	0.3	0.8	1.8	0.8	0.5	0.4	0.4	0.5	0.7	0.4	1.1				
VIRAL INFECTION	0.3	0.3	0.3	0.2	0.4		0.3	0.2	0.2	0.1	0.2	0.1	0.2	0.5				
AIDS	<0.05	<0.05					<0.05		<0.05	<0.05			<0.05					
OTHER INFECTION	0.2	0.2	0.1	0.3	0.1		0.2	0.2	0.1	<0.05	0.1		0.1	0.2				
CACHEXIA	<0.05	<0.05	<0.05	0.2	<0.05		<0.05							<0.05				
MALIGNANT DISEASE	2.2	2.4	1.9	1.4	1.9	2.4	2.4	0.5	0.9	1.1	0.6	0.6	0.9	2.9				
OTHER CAUSE	2.5	2.6	2.3	1.7	3.4	2.4	2.3	1.3	1.3	1.3	1.3	2.0	1.2	3.1				
UNKNOWN CAUSE	13.7	15.4	11.1	10.5	15.3	14.2	13.5	2.6	5.3	5.9	4.6	6.6	5.0	18.6				
Years at risk	162897	97643	65254	6595	29681	1694	123120	9670	75063	44292	30771	14038	56101	65772				
Patients	166955	100170	66785	6724	30467	1734	126157	10069	76312	45013	31299	14292	57013	67594				

	Age: 45-64					Age: 65+				
	All					All				
	All	Male	Female	Black	White	All	Male	Female	Black	White
All	40.3	30.9	45.4	34.8	86.7	93.8	75.7	101.8	85.0	
ACUTE M I.	2.5	1.3	2.8	2.0	4.9	4.9	4.9	3.3	5.2	
HYPERKALEMIA		<0.05		<0.05	0.1	0.1			0.1	
PERICARDITIS	<0.05	0.1		0.1						
ATHEROSCLEROTIC H. D.	0.4	0.2	0.4	0.3	1.2	1.6	0.6	1.3	1.2	
CARDIOMYOPATHY	0.6	0.3	0.4	0.5	0.9	1.1	0.6	0.7	0.9	
CARDIAC ARRHYTHMIA	0.6	0.6	1.5	0.4	1.1	0.9	1.4	1.3	1.2	
CARDIAC ARREST	2.6	2.4	4.1	2.0	5.4	6.9	3.1	7.3	5.3	
VALVULAR HEART DIS.	0.1	<0.05	0.2	<0.05	0.1		0.2		0.1	
PULMONARY EDEMA*	<0.05	0.1		0.1	0.6	0.1	1.2	0.7	0.5	
CEREBRO-VASCULAR DIS.	1.4	0.9	1.7	1.0	2.1	2.5	1.4	3.3	2.0	
G.I. HEMORRHAGE	0.2	0.1	0.2	0.1	0.5	0.7	0.2	2.7	0.2	
OTHER HEMORRHAGE	0.3	0.3	0.2	0.3	0.5	0.5	0.4		0.6	
SEPTICEMIA	2.1	3.0	2.8	2.3	3.6	3.5	3.7	8.0	2.8	
PULMONARY INFECTION	1.3	0.8	1.1	1.1	2.2	2.3	2.0		2.5	
VIRAL INFECTION	0.5	0.5	0.6	0.5	0.7	1.1	0.2	1.3	0.7	
AIDS										
OTHER INFECTION	0.3	0.2	0.3	0.2	0.3	0.4	0.2		0.3	
CACHEXIA	<0.05	<0.05		<0.05	0.2	0.1	0.2	0.7	0.1	
MALIGNANT DISEASE	3.1	2.5	2.6	3.0	8.6	8.7	8.4	8.6	8.7	
OTHER CAUSE	3.2	2.9	4.8	2.7	7.6	8.3	6.5	6.7	7.8	
UNKNOWN CAUSE	21.3	14.6	21.6	18.2	46.2	50.0	40.4	55.9	44.9	
Years at risk	39856	25915	12605	49035	12393	7494	4898	1503	10415	
Patients	41027	26567	12977	50376	12980	7872	5108	1583	10906	

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 5 All ESRD Pts.  
 At risk until death or end of year.  
 AND 2PT PAT Primary disease group All

	Age: All										Age: 0-19				Age: 20-44				Age: 45-64																																																																																																																																																																																																																																																																																																																														
	All		Male		Female		Asian		Black		Native		White		All		Male		Female		Black		White		All																																																																																																																																																																																																																																																																																																																								
All	172.9	166.0	180.9	130.0	156.1	161.1	185.7	18.9	57.1	58.2	55.6	75.0	50.2	135.8	15.4	15.5	15.2	12.9	12.7	15.1	17.1	0.2	3.5	3.6	3.4	3.3	3.8	13.5	2.9	2.7	3.1	2.7	1.8	2.6	3.5	0.6	1.4	1.5	1.2	1.5	1.4	1.9	0.2	0.2	0.2	0.1	0.3	0.4	0.2		0.1	0.1	0.1	0.2	0.1	0.2	6.4	6.2	6.6	5.1	4.1	4.4	7.8	0.1	0.8	0.7	0.9	0.5	0.9	3.7	7.0	7.8	6.1	5.6	4.3	4.7	8.7	0.6	1.3	1.5	1.1	1.6	1.2	4.8	9.6	9.5	9.8	8.3	7.8	9.5	10.8	0.4	2.8	2.9	2.6	3.0	2.7	7.8	34.0	32.4	35.7	28.0	33.7	32.4	34.8	2.4	10.6	10.5	10.7	14.2	9.2	26.6	1.2	1.0	1.3	0.6	1.0	0.2	1.4	0.1	0.4	0.3	0.5	0.4	0.4	0.8	1.5	1.4	1.7	1.3	1.1	1.7	1.8	0.4	0.5	0.5	0.4	0.6	0.4	1.0	9.8	8.0	12.0	10.5	10.0	10.0	9.7	0.9	3.2	2.8	3.7	3.8	2.9	8.0	1.6	1.5	1.7	0.9	1.6	1.5	1.6	0.4	0.4	0.4	0.4	0.6	0.3	1.1	1.5	1.4	1.6	1.2	1.6	1.7	1.4	0.3	0.6	0.6	0.7	1.0	0.5	1.1	18.4	15.9	21.5	12.5	19.7	17.4	18.2	1.8	6.2	5.6	7.0	8.6	5.2	16.4	4.2	4.5	3.8	4.3	3.3	5.1	4.6	0.7	1.2	1.2	1.1	1.7	0.9	2.6	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.3	1.4	2.1	0.7	0.1	3.9	1.0	0.2	0.2	3.8	5.0	2.2	10.5	0.6	0.9	0.9	0.7	1.2	0.8	0.9	1.2	1.0	0.2	0.4	0.4	0.5	0.5	0.4	0.9	1.8	1.5	2.1	1.2	1.1	1.4	2.2	0.1	0.3	0.4	0.3	0.2	0.4	1.0	6.4	7.1	5.5	3.7	5.8	4.1	6.9	0.9	1.0	0.9	0.9	1.0	5.1	20.3	18.7	22.3	11.4	15.8	18.8	23.5	3.8	7.2	7.1	7.4	8.6	6.7	14.5	28.1	27.8	28.5	18.5	25.5	27.7	30.1	4.5	11.3	11.8	10.5	12.9	10.9	23.4	Years at risk	795574	430965	364609	28700	254616	12052	489323	16265	219839	127378	92461	69267	136272	307975	Patients	966745	521012	445733	34168	305100	14699	598747	18220	244341	141752	102589	79241	149002	365580

	Age: 45-64										Age: 65+																																																																																																																																																																																																															
	All		Male		Female		Black		White		All		Male		Female		Black		White																																																																																																																																																																																																							
All	131.5	141.2	131.3	141.8	329.3	336.8	322.2	277.0	357.4	13.6	13.4	12.2	14.6	29.0	31.6	26.4	22.8	31.9	1.7	2.2	1.3	2.2	5.5	5.4	5.6	2.8	6.8	0.3	0.2	0.3	0.2	0.3	0.3	0.2	0.3	0.3	3.5	4.0	2.8	4.4	14.9	16.0	13.8	9.5	17.6	5.1	4.3	3.6	5.6	15.2	18.6	11.9	8.1	18.7	7.6	8.0	7.0	8.4	18.5	19.6	17.4	13.7	20.8	25.2	28.2	28.3	26.0	65.5	67.5	63.5	61.9	67.9	0.8	0.9	0.9	0.9	2.3	2.2	2.5	1.6	2.8	0.9	1.1	0.9	1.0	3.2	3.0	3.3	1.9	3.8	6.8	9.5	8.8	7.6	18.4	15.4	21.3	18.3	18.2	1.0	1.3	1.2	1.2	3.2	3.2	3.2	3.1	3.3	1.1	1.2	1.3	1.0	2.7	2.6	2.8	2.6	2.7	14.1	19.2	17.2	16.3	32.8	30.0	35.5	34.8	32.3	2.8	2.3	2.3	2.7	9.0	10.4	7.6	6.5	9.9	0.4	0.3	0.2	0.4	0.4	0.3	0.4	0.3	0.4	1.4	0.3	2.2	0.1	0.1	0.2	0.1	0.3	<0.05	0.7	1.1	0.8	0.9	1.5	1.2	1.8	1.4	1.6	0.8	1.2	0.7	1.3	4.1	3.7	4.5	2.8	4.8	5.4	4.8	4.9	5.5	13.0	16.2	9.9	12.1	13.8	13.4	16.0	12.7	16.2	39.9	39.1	40.7	27.7	46.6	24.8	21.7	21.5	25.2	50.0	50.1	50.0	44.5	53.2	Years at risk	170550	137425	109193	177325	251496	123329	128167	72684	164277	Patients	201162	164418	128858	210831	338604	167275	171329	92976	226276

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 5 All ESRD Pts.  
 At risk until death or end of year.  
 AND 2PT PAT Primary disease group Diabetes

	Age: All										Age: 0-19		Age: 20-44		Age: 45-64		
											All		Male		Female		
	All	Male	Female	Asian	Black	Native	White	All	All	Male	Female	Black	White	All	All	Male	Female
All	229.1	219.1	238.5	223.8	198.5	198.6	247.6	16.5	101.4	101.0	102.0	114.3	98.1	189.5			
ACUTE M I.	23.5	23.6	23.4	24.3	18.9	20.4	26.1		9.2	9.1	9.3	8.3	9.5	21.2			
HYPERKALEMIA	4.1	3.8	4.3	5.0	2.6	3.4	4.8		2.8	3.0	2.6	3.1	2.8	3.2			
PERICARDITIS	0.3	0.3	0.3	0.2	0.4	0.3	0.3		0.2	0.3	0.2	0.5	0.2	0.3			
ATHEROSCLEROTIC H. D.	9.4	9.0	9.7	10.3	6.2	5.5	11.2		2.3	1.8	2.8	1.3	2.5	6.5			
CARDIOMYOPATHY	8.6	9.4	7.9	9.0	5.0	4.9	10.8		2.1	2.2	2.0	2.4	2.0	6.6			
CARDIAC ARRHYTHMIA	13.9	13.6	14.1	15.1	10.3	11.8	15.9		6.0	6.0	5.9	4.7	6.4	11.8			
CARDIAC ARREST	49.2	47.6	50.7	54.2	46.2	43.9	51.2	8.3	21.8	21.5	22.1	28.0	20.1	40.6			
VALVULAR HEART DIS.	1.0	0.8	1.1	0.8	0.8		1.1		0.2	0.2	0.2	0.1	0.2	0.8			
PULMONARY EDEMA*	2.0	1.8	2.2	2.0	1.4	2.2	2.3		0.8	1.0	0.7	0.6	0.8	1.4			
CEREBRO-VASCULAR DIS.	14.9	12.5	17.2	18.9	15.1	14.0	14.6		6.8	6.3	7.5	7.5	6.6	12.7			
G. I. HEMORRHAGE	1.7	1.6	1.7	1.9	1.9	1.3	1.6		0.5	0.5	0.5	0.6	0.4	1.3			
OTHER HEMORRHAGE	1.2	1.0	1.3	1.4	1.3	1.8	1.0		0.7	0.6	0.7	1.0	0.5	0.9			
SEPTICEMIA	27.4	24.3	30.2	22.7	27.6	21.1	27.7		11.0	10.6	11.7	17.1	9.6	24.3			
PULMONARY INFECTION	4.7	5.1	4.3	6.4	4.1	6.1	4.7		1.7	1.7	1.7	1.8	1.5	3.2			
VIRAL INFECTION	0.3	0.3	0.2	0.2	0.3	0.1	0.2		0.2	0.4	0.1	0.2	0.2	0.2			
AIDS	0.3	0.4	0.1	0.1	0.5		0.1		0.7	0.9	0.4	2.0	0.3	0.2			
OTHER INFECTION	1.3	1.0	1.6	1.4	1.1	1.8	1.4		0.7	0.7	0.7	0.5	0.7	1.2			
CACHEXIA	2.0	1.8	2.3	2.2	1.3	1.8	2.5		0.9	1.1	0.6	0.4	1.0	1.5			
MALIGNANT DISEASE	4.5	4.8	4.2	4.4	5.1	2.8	4.3		0.7	0.7	0.6	1.0	0.6	3.5			
OTHER CAUSE	24.1	21.8	26.3	15.9	18.1	22.0	28.0		12.3	12.2	12.6	12.3	12.0	18.3			
UNKNOWN CAUSE	34.9	34.5	35.3	26.9	30.6	33.3	37.8	8.3	19.8	20.2	19.2	20.7	19.9	29.8			
Years at risk	248359	120179	128180	8317	78680	6723	151239	121	48883	27373	21510	9702	37108	112965			
Patients	319696	153765	165931	10862	98872	8471	196570	157	56875	31903	24972	11689	42625	142917			

	Age: 45-64										Age: 65+					
											All		Male		Female	
	All	Male	Female	Black	White	All	Male	Female	Black	White	All	All	Male	Female		
All	183.3	195.9	159.0	213.1	353.4	370.9	341.5	280.3	401.8							
ACUTE M I.	21.2	21.2	16.7	24.5	34.7	39.1	31.7	25.5	40.4							
HYPERKALEMIA	2.9	3.5	2.1	3.7	5.9	5.9	5.9	3.0	7.6							
PERICARDITIS	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3							
ATHEROSCLEROTIC H. D.	6.2	6.8	4.4	8.0	17.1	19.1	15.7	10.1	21.7							
CARDIOMYOPATHY	7.4	5.7	3.7	8.5	14.9	18.4	12.6	7.5	20.1							
CARDIAC ARRHYTHMIA	11.4	12.3	8.7	13.9	21.0	23.2	19.5	14.4	25.3							
CARDIAC ARREST	38.7	42.5	37.0	43.7	76.1	82.9	71.5	64.6	83.6							
VALVULAR HEART DIS.	0.7	0.8	0.6	0.9	1.6	1.5	1.7	1.2	1.9							
PULMONARY EDEMA*	1.2	1.5	1.0	1.6	3.5	3.5	3.5	2.2	4.4							
CEREBRO-VASCULAR DIS.	11.2	14.3	12.2	13.1	22.4	19.6	24.3	21.6	22.4							
G. I. HEMORRHAGE	1.1	1.4	1.4	1.2	2.9	3.3	2.6	2.9	2.9							
OTHER HEMORRHAGE	0.8	1.0	1.0	0.8	1.8	1.5	2.0	1.8	1.7							
SEPTICEMIA	21.5	27.2	22.5	26.3	40.6	39.7	41.2	38.0	42.9							
PULMONARY INFECTION	3.9	2.5	3.0	3.3	8.3	9.8	7.2	6.4	8.9							
VIRAL INFECTION	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.3							
AIDS	0.4	0.1	0.6	0.1	0.1	<0.05	0.1	0.1	0.1							
OTHER INFECTION	0.9	1.5	1.0	1.2	1.9	1.5	2.1	1.4	2.2							
CACHEXIA	1.5	1.6	0.8	2.1	3.3	2.8	3.7	2.3	3.9							
MALIGNANT DISEASE	3.7	3.3	3.9	3.4	8.0	9.9	6.7	8.0	8.2							
OTHER CAUSE	16.8	19.8	13.7	22.0	38.5	37.8	39.0	25.9	47.4							
UNKNOWN CAUSE	31.3	28.1	24.0	34.2	50.3	50.9	49.9	42.8	55.6							
Years at risk	57772	55193	39709	63771	86391	34979	51412	29225	50302							
Patients	72439	70478	49109	81605	119747	49353	70394	38013	72267							

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.4 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997.  
 Modality group: 5 All ESRD Pts.  
 At risk until death or end of year.  
 AND 2PT PAT Primary disease group Not diabetes

	Age: All				Age: 0-19				Age: 20-44				Age: 45-64				
	All	Male	Female	Asian	Black	Native	White	All	Male	Female	Black	White	All	Male	Female	Black	White
All	147.0	145.7	148.7	91.7	134.3	112.4	158.6	19.7	44.7	46.7	41.9	68.2	32.4	103.9			
ACUTE M I.	11.6	12.3	10.7	8.3	9.5	7.9	13.1	0.3	1.9	2.1	1.6	2.5	1.7	8.9			
HYPERKALEMIA	2.4	2.3	2.5	1.8	1.5	1.5	3.0	0.7	1.0	1.2	0.8	1.3	0.9	1.2			
PERICARDITIS	0.2	0.2	0.2	0.1	0.2	0.6	0.2		0.1	0.1	0.1	0.2	0.1	0.2			
ATHEROSCLEROTIC H. D.	5.0	5.2	4.9	3.0	3.1	3.1	6.3	0.1	0.3	0.4	0.3	0.4	0.3	2.1			
CARDIOMYOPATHY	6.3	7.3	5.1	4.2	3.9	4.6	7.8	0.6	1.1	1.2	0.8	1.4	0.9	3.7			
CARDIAC ARRHYTHMIA	7.8	8.0	7.5	5.6	6.5	6.3	8.6	0.5	1.9	2.0	1.7	2.8	1.3	5.5			
CARDIAC ARREST	27.1	26.7	27.5	17.2	27.6	17.4	27.7	2.4	7.5	7.6	7.3	11.9	5.1	18.4			
VALVULAR HEART DIS.	1.3	1.1	1.5	0.5	1.0	0.6	1.5	0.1	0.4	0.3	0.6	0.5	0.4	0.9			
PULMONARY EDEMA*	1.3	1.2	1.5	0.9	1.0	1.2	1.5	0.4	0.4	0.4	0.4	0.7	0.3	0.8			
CEREBRO-VASCULAR DIS.	7.5	6.2	9.3	7.1	7.7	5.2	7.6	1.0	2.1	1.8	2.6	3.1	1.6	5.3			
G. I. HEMORRHAGE	1.6	1.4	1.7	0.6	1.4	1.7	1.7	0.5	0.4	0.4	0.4	0.6	0.3	1.1			
OTHER HEMORRHAGE	1.6	1.5	1.8	1.2	1.7	1.5	1.6	0.3	0.6	0.6	0.7	0.9	0.5	1.3			
SEPTICEMIA	14.4	12.6	16.7	8.4	15.9	12.5	14.1	2.0	4.8	4.3	5.6	7.1	3.7	11.7			
PULMONARY INFECTION	4.0	4.3	3.6	3.4	2.9	3.8	4.6	0.7	1.0	1.1	0.9	1.7	0.7	2.2			
VIRAL INFECTION	0.3	0.4	0.3	0.3	0.3	0.2	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.4			
AIDS	2.0	2.8	1.0	0.1	5.5	2.3	0.3	0.3	4.9	6.3	2.8	12.0	0.8	1.3			
OTHER INFECTION	0.8	0.6	0.9	0.5	0.7	0.4	0.8	0.2	0.3	0.3	0.4	0.5	0.3	0.7			
CACHEXIA	1.7	1.4	2.0	0.8	1.0	1.0	2.1	0.1	0.2	0.2	0.2	0.2	0.2	0.7			
MALIGNANT DISEASE	7.3	8.1	6.3	3.5	6.1	5.9	8.2	0.9	1.1	1.1	1.0	0.9	1.2	6.1			
OTHER CAUSE	18.7	17.6	20.2	9.5	14.6	14.6	21.7	3.9	5.8	5.7	6.0	8.0	4.8	12.4			
UNKNOWN CAUSE	24.0	24.3	23.7	15.0	22.0	20.1	25.8	4.6	8.6	9.3	7.7	11.3	7.2	19.0			
Years at risk	526189	299169	227020	19961	170793	5216	324923	15156	163544	95896	67648	58172	94245	187358			
Patients	621028	352883	268145	22785	199388	6085	386150	16924	178972	105088	73884	65719	100924	213417			

	Age: 45-64				Age: 65+					
	All	Male	Female	Black	White	All	Male	Female	Black	White
All	104.6	102.9	112.9	101.3	313.9	321.3	305.3	268.9	335.6	
ACUTE M I.	9.6	8.0	9.5	8.9	25.8	28.5	22.7	20.2	28.1	
HYPERKALEMIA	1.2	1.3	0.9	1.5	5.4	5.2	5.6	2.7	6.5	
PERICARDITIS	0.2	0.2	0.3	0.1	0.3	0.3	0.2	0.3	0.2	
ATHEROSCLEROTIC H. D.	2.1	2.1	1.8	2.3	13.8	14.8	12.5	9.0	15.9	
CARDIOMYOPATHY	4.1	3.3	3.5	4.0	15.3	18.8	11.3	8.4	18.2	
CARDIAC ARRHYTHMIA	5.8	5.0	5.9	5.3	17.1	18.2	15.9	13.2	18.9	
CARDIAC ARREST	18.4	18.3	22.8	16.2	59.6	61.3	57.6	59.1	60.8	
VALVULAR HEART DIS.	0.8	0.9	1.1	0.8	2.7	2.5	3.0	1.9	3.2	
PULMONARY EDEMA*	0.7	0.8	0.9	0.7	3.0	2.9	3.2	1.7	3.5	
CEREBRO-VASCULAR DIS.	4.6	6.3	6.8	4.4	16.3	13.8	19.3	16.1	16.4	
G. I. HEMORRHAGE	1.0	1.1	1.0	1.1	3.4	3.3	3.6	3.3	3.5	
OTHER HEMORRHAGE	1.2	1.3	1.5	1.2	3.2	3.0	3.3	3.2	3.2	
SEPTICEMIA	10.3	13.6	13.9	10.8	28.4	26.0	31.2	32.1	27.4	
PULMONARY INFECTION	2.3	2.2	1.8	2.5	9.4	10.7	7.8	6.5	10.4	
VIRAL INFECTION	0.4	0.3	0.3	0.5	0.4	0.4	0.4	0.2	0.5	
AIDS	2.0	0.5	3.2	0.2	0.1	0.2	<0.05	0.4	<0.05	
OTHER INFECTION	0.6	0.8	0.6	0.8	1.3	1.1	1.6	1.4	1.3	
CACHEXIA	0.5	1.0	0.6	0.8	4.5	4.2	5.0	3.1	5.2	
MALIGNANT DISEASE	6.4	5.8	5.4	6.8	15.7	18.8	12.0	14.9	16.3	
OTHER CAUSE	11.7	13.5	12.1	13.1	40.7	39.9	41.7	28.7	46.3	
UNKNOWN CAUSE	20.8	16.5	19.2	19.3	47.4	47.4	47.5	42.7	49.9	
Years at risk	108333	79025	67506	108861	160131	85877	74254	41878	111006	
Patients	123377	90040	77151	123712	211715	114343	97372	52783	149619	

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" indicates that cell is based on fewer than 10 patients and is suppressed.

Table D.5  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, and Treatment Modality

Year group: 1995-1997.  
 At risk until death or end of year.  
 AND Modality group: 5 All ESRD Pts

	Age: 0 - 19	Age: 20 - 44	Age: 45 - 64	Age: 65+
All	172.9	18.9	57.1	135.8
Myocardial Infarction, Acute	15.4	0.2	3.5	13.5
Hyperkalemia	2.9	0.6	1.4	1.9
Pericarditis, Incl. Cardiac Tamponade	0.2	.	0.1	0.2
Atherosclerotic Heart Disease	6.4	0.1	0.8	3.7
Cardiomyopathy	7.0	0.6	1.3	4.8
Cardiac Arrhythmia	9.6	0.4	2.8	7.8
Cardiac Arrest, Cause Unknown	34.0	2.4	10.6	26.6
Valvular Heart Disease	1.2	0.1	0.4	0.8
Pulmonary Edema Due To Exogenous Fluid	1.5	0.4	0.5	1.0
Pulmonary Embolus	0.7	0.1	0.3	0.7
Cerebro-Vascular Accident Including Intracranial Hemorrhage	8.1	0.6	2.4	6.6
Ischemic Brain Damage/Anoxic Encephalopathy	1.7	0.3	0.7	1.5
Hemorrhage From Transplant Site	<0.05	0.1	<0.05	<0.05
Hemorrhage From Vascular Access	0.3	.	0.1	0.2
Hemorrhage From Dialysis Circuit	<0.05	.	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	0.5	0.1	0.1	0.3
Hemorrhage From Surgery (Not 38, 39 Or 40)	0.1	.	0.1	0.1
Other Hemorrhage (Not Codes 38-42, 72)	0.5	0.1	0.3	0.5
Mesenteric Infarction/Ischemic Bowel	1.6	0.1	0.3	1.1
Septicemia, Due To Vascular Access	2.0	0.3	0.7	1.7
Septicemia, Due To Peritonitis	2.0	0.4	0.8	1.9
Septicemia, Due To Peripheral Vascular Disease, Gangrene	4.5	.	0.9	4.1
Septicemia, Other	10.0	1.2	3.8	8.7
Pulmonary Infection (Bacterial)	3.3	0.3	0.7	1.9
Pulmonary Infection (Fungal)	0.2	0.1	0.1	0.1
Pulmonary Infection (Other)	0.7	0.2	0.3	0.4
Viral Infection, Cmv	0.1	0.1	0.1	<0.05
Viral Infection, Other (Not 64 Or 65)	0.1	0.2	0.1	0.1
Tuberculosis	0.1	.	<0.05	0.1
Aids	1.4	0.2	3.8	0.9
Infection, Other	0.8	0.1	0.4	0.8
Hepatitis B	0.1	.	0.1	0.1
Other Viral Hepatitis	0.1	.	<0.05	0.1
Liver-Drug Toxicity	<0.05	.	<0.05	<0.05
Cirrhosis	0.4	.	0.2	0.5
Polycystic Liver Disease	<0.05	0.1	<0.05	<0.05
Liver Failure, Cause Unknown Other	0.6	0.3	0.3	0.7
Gastro-Intestinal Hemorrhage	1.6	0.4	0.4	1.1
Pancreatitis	0.3	0.1	0.2	0.3
Fungal Peritonitis	0.1	0.1	<0.05	0.1
Perforation Of Peptic Ulcer	0.1	.	<0.05	0.1
Perforation Of Bowel (Not 75)	0.6	0.1	0.1	0.4
Bone Marrow Depression	0.1	.	<0.05	<0.05
Cachexia	1.8	0.1	0.3	1.0
Malignant Disease, Patient Ever On Immunosuppressive Therapy	2.2	0.6	0.5	2.2
Malignant Disease (Not 82)	4.2	0.3	0.4	3.0
Dementia, Incl. Dialysis Dementia, Alzheimers	0.9	0.1	<0.05	0.2
Seizures	0.3	0.2	0.3	0.2
Diabetic Coma, Hyperglycemia, Hypoglycemia	0.4	.	0.6	0.4
Chronic Obstructive Lung Disease (COPD)	0.8	.	<0.05	0.5
Complications Of Surgery	0.5	0.1	0.1	0.4
Air Embolism	<0.05	0.1	<0.05	<0.05
Accident Related To Treatment	<0.05	.	<0.05	<0.05
Accident Unrelated To Treatment	0.5	0.2	0.4	0.4
Suicide	0.2	.	0.2	0.2
Drug Overdose (Street Drugs)	0.1	.	0.2	<0.05
Drug Overdose (Not 92 Or 93)	<0.05	.	0.1	<0.05
Other Identified Cause Of Death, Please Specify	12.1	2.3	3.6	8.3
Unknown	28.1	4.5	11.3	23.4
Years at risk	795574	16265	219839	307975
Patients	966745	18220	244341	365580

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.5 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, and Treatment Modality

Year group: 1995-1997.  
 At risk until death, Tx, or end of year.  
 AND Modality group: 1 All dialysis patients

	Age: 0 - 19	Age: 20 - 44	Age: 45 - 64	Age: 65+
All	231.0	44.4	97.6	345.3
Myocardial Infarction, Acute	20.8	0.8	5.9	30.6
Hyperkalemia	4.1	1.8	2.8	5.9
Pericarditis, Incl. Cardiac Tamponade	0.3	..	0.3	0.3
Atherosclerotic Heart Disease	8.9	0.4	1.3	15.8
Cardiomyopathy	9.8	1.4	2.5	16.2
Cardiac Arrhythmia	13.4	1.4	5.1	19.7
Cardiac Arrest, Cause Unknown	47.1	7.0	20.0	69.5
Valvular Heart Disease	1.6	0.4	0.7	2.5
Pulmonary Edema Due To Exogenous Fluid	2.1	0.8	0.9	3.4
Pulmonary Embolus	0.8	0.4	0.5	1.0
Cerebro-Vascular Accident Including Intracranial Hemorrhage	11.1	1.6	4.3	16.4
Ischemic Brain Damage/Anoxic Encephalopathy	2.3	0.6	1.2	3.0
Hemorrhage From Transplant Site	<0.05	..	..	<0.05
Hemorrhage From Vascular Access	0.4	..	0.3	0.6
Hemorrhage From Dialysis Circuit	<0.05	..	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	0.6	0.4	0.1	1.0
Hemorrhage From Surgery (Not 38, 39 Or 40)	0.2	..	0.2	0.2
Other Hemorrhage (Not Codes 38-42, 72)	0.7	0.2	0.5	0.9
Mesenteric Infarction/Ischemic Bowel	2.3	0.4	0.6	3.7
Septicemia, Due To Vascular Access	2.8	1.0	1.3	3.9
Septicemia, Due To Peritonitis	2.7	1.2	1.5	3.4
Septicemia, Due To Peripheral Vascular Disease, Gangrene	6.3	..	1.8	8.9
Septicemia, Other	13.4	3.2	6.7	18.5
Pulmonary Infection (Bacterial)	4.4	0.8	1.2	7.7
Pulmonary Infection (Fungal)	0.1	..	0.1	0.2
Pulmonary Infection (Other)	0.9	0.4	0.5	1.4
Viral Infection, Cmv	<0.05	..	<0.05	<0.05
Viral Infection, Other (Not 64 Or 65)	0.1	0.2	0.1	0.2
Tuberculosis	0.1	..	<0.05	0.1
Aids	2.0	0.8	7.7	1.3
Infection, Other	1.1	..	0.7	1.4
Hepatitis B	0.1	..	0.1	<0.05
Other Viral Hepatitis	0.1	..	0.1	0.1
Liver-Drug Toxicity	<0.05	..	<0.05	<0.05
Cirrhosis	0.5	..	0.4	0.5
Polycystic Liver Disease	<0.05	0.2	<0.05	0.1
Liver Failure, Cause Unknown Other	0.8	0.4	0.5	0.8
Gastro-Intestinal Hemorrhage	2.2	0.8	0.8	3.4
Pancreatitis	0.4	0.2	0.4	0.4
Fungal Peritonitis	0.1	0.2	0.1	0.1
Perforation Of Peptic Ulcer	0.2	..	<0.05	0.3
Perforation Of Bowel (Not 75)	0.8	0.2	0.3	1.3
Bone Marrow Depression	0.1	..	<0.05	0.1
Cachexia	2.5	0.2	0.6	4.4
Malignant Disease, Patient Ever On Immunosuppressive Therapy	2.4	0.8	0.4	3.6
Malignant Disease (Not 82)	5.8	1.0	0.7	9.7
Dementia, Incl. Dialysis Dementia, Alzheimers	1.3	0.2	0.1	2.7
Seizures	0.4	0.4	0.5	0.4
Diabetic Coma, Hyperglycemia, Hypoglycemia	0.5	..	1.1	0.4
Chronic Obstructive Lung Disease (COPD)	1.1	..	0.1	2.1
Complications Of Surgery	0.7	0.2	0.2	1.0
Air Embolism	<0.05	0.2	<0.05	<0.05
Accident Related To Treatment	<0.05	..	<0.05	<0.05
Accident Unrelated To Treatment	0.6	0.4	0.6	0.8
Suicide	0.3	..	0.3	0.3
Drug Overdose (Street Drugs)	0.1	..	0.5	<0.05
Drug Overdose (Not 92 Or 93)	0.1	..	0.1	<0.05
Other Identified Cause Of Death, Please Specify	16.3	5.6	6.2	26.1
Unknown	33.0	8.0	14.8	50.0
Years at risk	560071	4977	108554	235372
Patients	737899	7103	137133	322385

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 ". " indicates no deaths from this cause, "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.5 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, and Treatment Modality

Year group: 1995-1997.  
 At risk until death, Tx, or end of year.  
 AND Modality group: 2 Hemodialysis Pts, 60 days on hemo

	Age: 0 - 19	Age: 20 - 44	Age: 45 - 64	Age: 65+
All	231.3	39.9	97.6	337.3
Myocardial Infarction, Acute	20.7	0.4	5.6	29.8
Hyperkalemia	4.3	2.3	3.0	6.0
Pericarditis, Incl. Cardiac Tamponade	0.3	..	0.3	0.3
Atherosclerotic Heart Disease	8.6	0.4	1.2	14.9
Cardiomyopathy	9.3	1.6	2.2	14.9
Cardiac Arrhythmia	13.5	2.3	5.1	19.4
Cardiac Arrest, Cause Unknown	47.8	4.7	20.2	68.8
Valvular Heart Disease	1.7	..	0.7	2.5
Pulmonary Edema Due To Exogenous Fluid	2.2	0.8	0.9	3.4
Pulmonary Embolus	0.8	0.8	0.4	0.9
Cerebro-Vascular Accident Including Intracranial Hemorrhage	11.1	1.6	4.4	16.0
Ischemic Brain Damage/Anoxic Encephalopathy	2.3	0.8	1.2	3.0
Hemorrhage From Transplant Site	<0.05	..	..	<0.05
Hemorrhage From Vascular Access	0.5	..	0.3	0.6
Hemorrhage From Dialysis Circuit	<0.05	..	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	0.6	0.8	0.2	1.1
Hemorrhage From Surgery (Not 38, 39 Or 40)	0.2	..	0.2	0.2
Other Hemorrhage (Not Codes 38-42, 72)	0.7	..	0.5	1.0
Mesenteric Infarction/Ischemic Bowel	2.2	0.4	0.6	3.5
Septicemia, Due To Vascular Access	3.2	1.6	1.5	4.2
Septicemia, Due To Peritonitis	1.2	0.4	0.6	1.5
Septicemia, Due To Peripheral Vascular Disease, Gangrene	6.0	..	1.5	8.5
Septicemia, Other	13.5	2.3	6.7	18.5
Pulmonary Infection (Bacterial)	4.5	0.4	1.3	7.6
Pulmonary Infection (Fungal)	0.1	..	0.2	0.1
Pulmonary Infection (Other)	0.9	..	0.5	1.3
Viral Infection, Cmv	<0.05	..	<0.05	<0.05
Viral Infection, Other (Not 64 Or 65)	0.1	..	0.2	0.2
Tuberculosis	0.1	..	<0.05	0.1
Aids	2.0	0.8	8.2	0.1
Infection, Other	1.0	..	0.6	1.3
Hepatitis B	0.1	..	0.1	<0.05
Other Viral Hepatitis	0.1	..	0.1	0.1
Liver-Drug Toxicity	<0.05	..	<0.05	<0.05
Cirrhosis	0.6	..	0.5	0.5
Polycystic Liver Disease	<0.05	..	..	<0.05
Liver Failure, Cause Unknown Other	0.8	0.4	0.5	0.8
Gastro-Intestinal Hemorrhage	2.2	1.2	0.8	3.4
Pancreatitis	0.3	..	0.3	0.3
Fungal Peritonitis	<0.05	..	..	<0.05
Perforation Of Peptic Ulcer	0.2	..	<0.05	0.3
Perforation Of Bowel (Not 75)	0.7	..	0.2	1.0
Bone Marrow Depression	0.1	..	<0.05	0.1
Cachexia	2.3	..	0.6	4.0
Malignant Disease, Patient Ever On Immunosuppressive Therapy	2.5	1.2	0.5	3.7
Malignant Disease (Not 82)	6.2	1.2	0.8	10.0
Dementia, Incl. Dialysis Dementia, Alzheimers	1.3	..	0.1	2.7
Seizures	0.4	0.8	0.5	0.4
Diabetic Coma, Hyperglycemia, Hypoglycemia	0.5	..	1.0	0.3
Chronic Obstructive Lung Disease (COPD)	1.2	..	0.1	2.1
Complications Of Surgery	0.7	0.4	0.3	1.0
Air Embolism	<0.05	0.4	<0.05	<0.05
Accident Related To Treatment	<0.05	..	<0.05	<0.05
Accident Unrelated To Treatment	0.7	0.8	0.7	0.8
Suicide	0.3	..	0.3	0.3
Drug Overdose (Street Drugs)	0.1	..	0.6	<0.05
Drug Overdose (Not 92 Or 93)	0.1	..	0.1	<0.05
Other Identified Cause Of Death, Please Specify	16.6	3.9	6.4	25.7
Unknown	33.8	7.4	15.1	49.9
Years at risk	470148	2558	83720	209509
Patients	617853	3613	105454	285716

(CONTINUED)

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 ". " indicates no deaths from this cause, "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.5 (Continued)  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Death, Age on January 1, and Treatment Modality

Year group: 1995-1997.  
 At risk until death, Tx, or end of year.  
 AND Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD

	Age: 0 - 19	Age: 20 - 44	Age: 45 - 64	Age: 65+
All	232.1	50.7	96.3	203.6
Myocardial Infarction, Acute	22.5	0.5	7.3	22.6
Hyperkalemia	2.8	1.1	1.6	2.3
Pericarditis, Incl. Cardiac Tamponade	0.2	..	0.3	0.3
Atherosclerotic Heart Disease	10.2	0.5	2.1	6.7
Cardiomyopathy	13.2	1.1	3.8	9.4
Cardiac Arrhythmia	13.0	0.5	5.1	13.1
Cardiac Arrest, Cause Unknown	43.4	10.7	18.9	39.5
Valvular Heart Disease	1.3	1.1	0.6	1.2
Pulmonary Edema Due To Exogenous Fluid	1.5	0.5	0.7	0.9
Pulmonary Embolus	1.0	..	0.6	1.0
Cerebro-Vascular Accident Including Intracranial Hemorrhage	11.4	1.6	3.8	10.3
Ischemic Brain Damage/Anoxic Encephalopathy	2.5	0.5	1.3	2.5
Hemorrhage From Transplant Site	<0.05	..	..	0.1
Hemorrhage From Vascular Access	0.1	..	0.1	0.1
Hemorrhage From Ruptured Vascular Aneurysm	0.4	..	..	0.3
Hemorrhage From Surgery (Not 38, 39 Or 40)	0.2	..	0.2	0.3
Other Hemorrhage (Not Codes 38-42, 72)	0.7	0.5	0.5	0.8
Mesenteric Infarction/Ischemic Bowel	2.5	0.5	0.7	2.0
Septicemia, Due To Vascular Access	0.8	..	0.5	0.8
Septicemia, Due To Peritonitis	12.0	2.7	5.2	10.9
Septicemia, Due To Peripheral Vascular Disease, Gangrene	8.0	..	3.0	8.6
Septicemia, Other	12.7	3.7	6.3	12.7
Pulmonary Infection (Bacterial)	3.9	1.1	1.0	2.7
Pulmonary Infection (Fungal)	0.2	..	0.2	0.2
Pulmonary Infection (Other)	0.9	0.5	0.5	0.6
Viral Infection, Cmv	<0.05	..	..	<0.05
Viral Infection, Other (Not 64 Or 65)	0.1	0.5	0.1	0.1
Tuberculosis	0.1	..	0.1	0.1
Aids	2.0	1.1	5.6	1.1
Infection, Other	1.4	..	0.8	1.2
Hepatitis B	0.1	..	0.1	<0.05
Other Viral Hepatitis	<0.05	..	..	<0.05
Liver-Drug Toxicity	<0.05	..	0.1	..
Cirrhosis	0.3	..	0.1	0.4
Polycystic Liver Disease	<0.05	0.5	0.1	..
Liver Failure, Cause Unknown Other	0.6	0.5	0.5	0.5
Gastro-Intestinal Hemorrhage	2.0	0.5	0.8	1.6
Pancreatitis	0.8	0.5	0.6	0.6
Fungal Peritonitis	0.8	0.5	0.4	0.7
Perforation Of Peptic Ulcer	0.3	..	0.1	0.2
Perforation Of Bowel (Not 75)	1.6	0.5	0.6	0.9
Bone Marrow Depression	0.1	..	..	0.1
Cachexia	3.4	0.5	0.8	2.1
Malignant Disease, Patient Ever On Immunosuppressive Therapy	1.5	..	0.3	1.7
Malignant Disease (Not 82)	3.6	1.1	0.6	2.9
Dementia, Incl. Dialysis Dementia, Alzheimers	1.0	0.5	..	0.3
Seizures	0.4	..	0.6	0.4
Diabetic Coma, Hyperglycemia, Hypoglycemia	0.9	..	1.1	1.0
Chronic Obstructive Lung Disease (COPD)	0.8	..	0.1	0.8
Complications Of Surgery	0.7	..	0.2	0.8
Accident Unrelated To Treatment	0.5	..	0.4	0.4
Suicide	0.3	..	0.2	0.3
Drug Overdose (Street Drugs)	<0.05	..	0.1	..
Drug Overdose (Not 92 Or 93)	<0.05	..	0.1	<0.05
Other Identified Cause Of Death, Please Specify	15.4	8.0	5.5	12.1
Unknown	27.6	8.5	12.9	23.2
Years at risk	73828	1872	19910	30290
Patients	98984	2792	25681	39908

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 ". " indicates no deaths from this cause, "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.6  
 Death Rates per 1000 Patient Years at Risk  
 by Cause of Withdrawal, Age on January 1,  
 Sex, Race, Diabetes, and Treatment Modality

Year group: 1995-1997,  
 Modality group: 1 All dialysis patients,  
 At risk until death, Tx, or end of year

	Age: All										Age: 0-19		Age: 20 - 44	
	All	Male	Female	Asian	Black	DM	NOT-DM	Native	White	All	All	Male	Female	Black
ALL	231.0	228.8	233.5	172.4	178.8	271.7	204.8	195.9	273.5	44.4	97.6	99.7	94.7	96.1
Withdrew, access failure	1.4	1.1	1.8	0.8	0.9	1.6	1.3	1.3	1.8	0.8	0.3	0.3	0.3	0.2
Withdrew, tx failure	0.1	0.1	0.1	0.1	<0.05	0.1	0.1	0.1	0.1	0.8	0.1	0.1	0.2	<0.05
Withdrew, fail to thrive	17.7	16.3	19.3	9.5	7.2	20.0	16.4	11.2	25.9	1.8	3.5	3.5	3.5	2.7
Withdrew, med complicate	14.6	12.9	16.4	9.0	7.9	17.3	13.1	11.7	20.0	2.8	4.7	4.2	5.3	3.8
Withdrew, other	6.8	6.5	7.2	3.4	3.3	7.4	6.5	5.6	9.6	1.2	1.9	2.1	1.7	1.7
Missing Data	24.2	24.1	24.2	19.5	17.2	26.2	21.4	18.0	29.5	6.2	9.4	10.2	8.3	8.6
Did not withdraw	166.2	167.8	164.5	130.1	142.2	199.1	146.1	148.1	186.6	30.7	77.6	79.2	75.4	79.1
Years at risk	560071	290162	269909	20404	213546	199163	353421	9402	309680	4977	108554	62614	45940	50661
Patients	737899	384166	353733	26216	266080	272115	454073	12149	423255	7103	137133	79467	57666	61846

(CONTINUED)

	Age: 20 - 44				Age: 45 - 64				Age: 65+					
	All	Male	Female	Black	White	All	Male	Female	Black	White	All	Male	Female	Black
ALL	104.6	176.6	175.0	178.4	147.0	207.4	345.3	357.2	334.3	282.4	380.2			
Withdrew, access failure	0.5	0.8	0.6	1.0	0.6	1.0	2.4	1.9	2.9	1.8	2.8			
Withdrew, tx failure	0.2	0.1	0.1	0.1	<0.05	0.1	<0.05	<0.05	<0.05		<0.05			
Withdrew, fail to thrive	4.6	8.6	7.7	9.6	3.7	13.3	32.8	32.0	33.5	15.2	42.3			
Withdrew, med complicate	6.0	10.1	8.7	11.8	6.1	14.0	23.5	22.1	24.8	13.2	29.1			
Withdrew, other	2.2	4.0	3.9	4.2	2.2	5.8	11.7	11.7	11.8	6.0	14.8			
Missing Data	10.8	16.7	17.6	15.7	13.3	20.2	38.0	38.7	37.5	28.7	42.7			
Did not withdraw	80.2	136.2	136.4	136.0	121.0	152.9	236.8	250.8	223.9	217.4	248.5			
Years at risk	50440	211168	111336	99832	90836	105211	235372	113472	121900	70444	151169			
Patients	65783	271278	143403	127875	111297	140242	322385	157364	165021	90729	213088			

Includes all patients who have reached day 91 of ESRD by the end of the year.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 "." indicates no deaths from this cause, "\*" Values for cells with fewer than 10 patients are suppressed.



Table D.2S  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths

FOR Year: 1997.

Modality group: 1 All dialysis patients.

At risk until death, Tx, or end of year.

AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	45306	657	1293	12992	29801	19791	459	673	5695	12628	24688	192	607	7007	16709
0-14	42	1	2	11	27	0	*	*	0	0	42	1	2	11	27
15-19	32	1	2	11	18	0	.	.	*	*	30	1	2	10	17
20-24	99	1	3	50	43	11	*	*	7	4	87	1	3	43	38
25-29	262	2	3	112	135	106	0	1	38	64	153	2	1	73	70
30-34	554	11	10	213	306	237	3	2	56	169	304	8	8	152	132
35-39	880	14	16	343	500	400	9	8	93	286	467	5	7	244	208
40-44	1330	23	31	530	732	611	15	15	159	413	697	8	16	359	310
45-49	2022	48	44	828	1073	990	36	25	276	635	999	12	19	532	425
50-54	2637	56	73	947	1509	1423	36	44	440	875	1175	20	29	495	612
55-59	3523	78	83	1288	2008	2012	65	51	673	1177	1448	12	32	589	802
60-64	4883	74	131	1644	2958	2688	59	84	856	1640	2115	15	46	752	1283
65-69	7003	134	200	1989	4586	3710	103	128	1073	2346	3145	28	70	862	2160
70-74	7996	99	265	2019	5536	3562	64	135	961	2350	4286	35	127	1011	3090
75-79	7082	63	212	1580	5159	2483	44	101	658	1644	4467	18	107	883	3438
80-84	4542	33	132	901	3439	1159	18	55	280	788	3314	15	77	601	2606
85 up	2419	19	86	526	1772	399	7	24	125	237	1959	11	61	390	1491

SUM OF Patient years at risk

FOR Year: 1997.

Modality group: 1 All dialysis patients.

At risk until death, Tx, or end of year.

AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	99721	3466	7364	76001	9444	73757	2163	2763	26565	40661	22539	1280	4538	48010	67164
0-14	716	10	28	195	432	23	*	*	9	9	676	9	26	183	413
15-19	1038	19	47	387	539	12	.	.	*	*	998	18	44	369	529
20-24	2643	47	118	1144	1241	145	*	*	68	68	2446	43	114	1052	1154
25-29	4711	74	185	2157	2179	669	7	10	236	403	3953	66	172	1879	1746
30-34	7182	113	234	3254	3404	1585	30	28	459	1041	5470	80	205	2733	2320
35-39	10102	162	371	4798	4586	2331	48	59	685	1494	7635	113	306	4045	3041
40-44	13024	237	483	6331	5732	3476	113	84	1152	2040	9351	124	393	5072	3622
45-49	16239	371	598	7635	7350	5498	229	175	2064	2922	10461	140	415	5428	4325
50-54	17551	403	643	7651	8477	7404	290	265	2871	3776	9876	111	375	4664	4578
55-59	19453	477	700	8323	9538	9455	376	341	3864	4598	9709	98	357	4316	4827
60-64	22564	458	801	9024	11840	11359	346	424	4411	5884	10809	109	371	4424	5795
65-69	26071	448	938	9109	15177	12393	336	476	4447	6885	13158	111	452	4448	8028
70-74	25314	330	942	7745	15988	10348	220	435	3456	6069	14528	106	500	4146	9669
75-79	18910	199	706	4831	12984	6044	110	281	1905	3667	12522	89	421	2836	9086
80-84	10039	86	417	2329	7117	2355	44	134	714	1424	7523	41	282	1568	5594
85 up	4164	32	152	1088	2859	658	10	48	219	374	3423	21	104	845	2437

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997.  
 Modality group: 1 All dialysis patients.  
 At risk until death, Tx, or end of year.  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	22952	278	666	5720	16010	8944	175	305	2130	6175	13634	101	352	3465	9620
0-14	21	*	1	6	13	0	*	*	*	*	21	*	1	6	13
15-19	18	*	2	5	11	*	.	.	*	*	16	*	2	4	10
20-24	47	1	1	19	25	1	*	.	1	0	46	1	1	18	25
25-29	128	1	1	55	67	50	*	*	17	31	77	1	1	37	36
30-34	286	4	4	117	156	120	1	0	24	92	157	3	4	88	61
35-39	485	6	9	189	276	209	3	3	40	161	267	3	5	144	112
40-44	764	7	15	304	432	345	4	8	80	250	408	3	7	217	178
45-49	1136	25	24	486	582	513	18	13	130	342	612	7	11	347	238
50-54	1432	27	44	514	821	719	18	24	199	466	687	9	20	304	342
55-59	1759	44	46	582	1052	957	34	29	262	607	769	9	17	309	427
60-64	2404	33	69	718	1549	1194	24	42	328	778	1176	9	26	373	758
65-69	3423	45	91	841	2405	1645	32	49	394	1146	1723	13	41	429	1227
70-74	3887	38	139	765	2915	1481	19	66	312	1066	2340	19	71	435	1803
75-79	3591	23	103	588	2840	1034	14	38	208	753	2499	9	62	367	2050
80-84	2365	16	67	330	1928	504	7	21	93	371	1829	9	46	231	1534
85 up	1206	8	50	201	938	172	*	12	42	112	1007	6	37	156	806

SUM OF Patient years at risk  
 FOR Year: 1997.  
 Modality group: 1 All dialysis patients.  
 At risk until death, Tx, or end of year.  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	3859	1577	3630	37048	59819	33903	920	1330	10376	20488	68152	647	2259	25943	38443
0-14	405	*	14	112	245	12	*	*	*	*	385	*	13	109	233
15-19	561	*	18	212	300	*	.	.	*	*	542	*	17	205	294
20-24	1388	22	54	607	658	58	*	.	25	31	1303	19	53	568	619
25-29	2588	35	97	1206	1194	315	*	*	100	198	2234	33	87	1088	981
30-34	4053	52	128	1854	1910	880	14	16	228	604	3088	37	111	1582	1280
35-39	5863	89	184	2729	2750	1337	23	30	318	937	4447	65	149	2374	1784
40-44	7812	146	234	3838	3451	1985	65	45	580	1241	5704	81	184	3188	2168
45-49	9377	210	303	4507	4188	2967	128	91	998	1681	6239	81	208	3415	2450
50-54	9702	201	361	4161	4774	3841	142	164	1302	2126	5716	57	197	2793	2586
55-59	10119	217	364	4159	5157	4574	167	181	1677	2404	5396	48	183	2408	2692
60-64	11027	195	399	4039	6206	5054	145	209	1718	2866	5787	49	186	2234	3259
65-69	12351	188	431	3689	7854	5142	132	216	1509	3169	6971	56	209	2093	4551
70-74	12101	112	418	2926	8495	4109	63	168	1084	2725	7766	48	246	1777	5631
75-79	9481	65	334	1795	7207	2440	26	114	565	1702	6859	39	217	1194	5369
80-84	5040	28	209	844	3912	940	11	67	204	639	4008	17	141	615	3210
85 up	1991	8	81	371	1518	244	*	22	63	154	1708	6	58	301	1335

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 1 All dialysis patients,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	22354	379	627	7272	13791	10847	284	368	3565	6453	11054	91	255	3542	7089
0-14	21	*	1	5	14	0	..	*	*	*	21	*	1	5	14
15-19	14	1	0	6	7	0	..	*	*	*	14	1	0	6	7
20-24	52	0	2	31	18	10	*	*	6	4	41	0	2	25	13
25-29	134	1	2	57	68	56	*	*	21	33	76	1	0	36	34
30-34	268	7	6	96	150	117	2	2	32	77	147	5	4	64	71
35-39	395	8	7	154	224	191	6	5	53	125	200	2	2	100	96
40-44	566	16	16	226	300	266	11	7	79	163	289	5	9	142	132
45-49	886	23	20	342	491	477	18	12	146	293	387	5	8	185	187
50-54	1205	29	29	433	688	704	18	20	241	409	488	11	9	191	270
55-59	1764	34	37	706	956	1055	31	22	411	570	679	3	15	280	375
60-64	2479	41	62	926	1409	1494	35	42	528	862	939	6	20	379	525
65-69	3580	89	109	1148	2181	2065	71	79	679	1200	1422	15	29	433	933
70-74	4109	61	126	1254	2621	2081	45	69	649	1284	1946	16	56	576	1287
75-79	3491	40	109	992	2319	1449	30	63	450	891	1968	9	45	516	1388
80-84	2177	17	65	571	1511	655	11	34	187	417	1485	6	31	370	1072
85 up	1213	11	36	325	834	227	6	12	83	125	952	5	24	234	685

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 1 All dialysis patients,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	95862	1889	3733	38952	49625	39854	1242	1432	16190	20173	54387	632	2278	22067	28721
0-14	311	*	15	83	187	11	..	*	*	*	292	*	13	75	180
15-19	477	14	28	175	239	6	..	*	*	*	456	13	27	164	235
20-24	1255	26	64	538	583	88	*	*	44	37	1142	24	61	484	536
25-29	2123	40	88	951	985	354	*	*	135	204	1719	33	85	791	765
30-34	3129	61	106	1401	1494	705	16	12	231	436	2382	43	94	1152	1041
35-39	4239	73	187	2069	1836	994	24	29	367	558	3188	48	157	1671	1257
40-44	5212	91	248	2494	2281	1491	48	38	572	799	3647	43	209	1885	1454
45-49	6862	161	295	3128	3162	2531	100	84	1066	1241	4222	59	207	2013	1874
50-54	7849	202	282	3490	3703	3563	148	101	1569	1651	4161	53	178	1871	1992
55-59	9334	260	336	4164	4381	4881	209	161	2187	2194	4313	50	173	1908	2135
60-64	11537	263	402	4984	5635	6305	201	215	2693	3018	5021	60	185	2190	2536
65-69	13720	261	508	5420	7323	7251	205	260	2939	3716	6186	55	244	2356	3477
70-74	13213	218	524	4819	7493	6239	157	267	2372	3344	6763	58	254	2370	4037
75-79	9429	135	372	3035	5777	3605	84	167	1339	1965	5663	50	204	1642	3717
80-84	4999	58	208	1485	3205	1415	33	67	509	785	3516	24	141	952	2384
85 up	2173	23	71	716	1341	415	8	25	156	219	1715	15	46	544	1102

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year.  
 AND Sex: All

Age	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	38561	574	1114	11748	24643	16571	402	574	5117	10200	21262	167	529	6363	14050
0-14	13	*	2	5	6	0	*	*	0	0	13	*	2	5	6
15-19	19	0	2	9	8	0	.	*	*	*	17	0	2	8	7
20-24	82	1	3	43	33	11	*	*	7	4	71	1	3	36	29
25-29	198	0	2	88	98	81	*	*	31	47	114	0	1	56	50
30-34	420	9	7	172	221	179	3	0	48	122	229	6	7	119	94
35-39	672	13	12	283	359	292	8	7	80	193	368	5	5	197	160
40-44	1041	18	23	442	548	452	11	11	129	294	570	7	12	302	246
45-49	1616	40	32	721	802	749	32	18	232	453	838	8	14	471	338
50-54	2084	50	52	817	1118	1100	33	33	372	639	951	17	19	433	463
55-59	2849	65	69	1121	1535	1592	52	40	571	889	1205	12	29	529	623
60-64	4010	65	108	1475	2303	2212	53	71	759	1295	1729	12	37	682	980
65-69	5945	115	175	1805	3766	3155	87	113	974	1931	2664	26	60	781	1772
70-74	6908	90	239	1893	4623	3082	57	119	895	1969	3692	33	117	953	2570
75-79	6350	58	189	1516	4523	2253	42	88	632	1457	3972	15	97	845	2996
80-84	4122	31	121	846	3092	1052	17	51	267	701	3013	14	70	565	2352
85 up	2232	19	78	512	1608	361	7	23	120	206	1816	11	54	381	1364

SUM OF Patient years at risk  
 FOR Year: 1997.  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year.  
 AND Sex: All

Age	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	70143	3021	6105	68246	89894	63782	1944	2401	24319	33761	3426	1056	3653	42658	54782
0-14	271	*	11	93	134	21	*	*	8	8	243	*	9	84	123
15-19	653	12	24	270	322	10	.	*	*	*	624	11	21	255	317
20-24	2018	31	85	934	895	110	*	*	53	51	1872	28	83	862	834
25-29	3638	56	142	1774	1584	485	*	*	196	268	3087	50	133	1546	1296
30-34	5594	87	163	2737	2469	1144	23	23	379	700	4346	62	139	2306	1735
35-39	8026	137	265	4075	3403	1748	44	50	593	1025	6169	93	212	3423	2339
40-44	10416	191	353	5429	4251	2698	96	63	1000	1470	7559	95	285	4343	2725
45-49	13255	304	457	6665	5598	4487	194	147	1824	2234	8537	108	303	4715	3286
50-54	14451	345	514	6692	6595	6170	251	219	2546	2991	8076	92	292	4044	3523
55-59	16480	427	576	7457	7672	8094	338	289	3459	3781	8147	86	284	3872	3802
60-64	19501	421	690	8284	9725	9946	320	360	4065	4949	9200	98	326	4046	4635
65-69	22775	411	803	8513	12696	11016	313	411	4159	5921	11288	97	383	4154	6544
70-74	22547	298	851	7353	13762	9392	201	401	3282	5352	12764	94	444	3939	8188
75-79	17249	184	643	4648	11599	5632	104	257	1844	3352	11302	80	382	2717	8038
80-84	9325	84	386	2254	6515	2211	42	127	692	1312	6964	41	258	1519	5110
85 up	3943	30	141	1069	2674	617	9	43	213	343	3251	20	97	832	2287

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	19429	243	572	5181	13196	7365	151	259	1906	4919	11733	90	306	3159	8093
0-14	10	*	*	5	4	0	*	*	*	*	10	*	*	5	4
15-19	13	*	2	5	6	*	.	.	*	*	11	*	2	4	5
20-24	37	1	1	16	18	1	*	.	1	0	36	1	1	15	18
25-29	102	0	1	47	50	40	*	*	13	25	61	0	1	33	25
30-34	230	3	4	98	121	92	1	0	19	70	129	2	4	74	48
35-39	381	5	6	157	210	152	2	2	35	111	221	3	4	117	96
40-44	613	5	11	258	335	260	3	6	63	186	343	2	5	189	145
45-49	921	22	17	433	434	394	18	9	114	245	517	4	8	311	187
50-54	1140	26	32	449	609	550	18	19	169	334	567	8	13	269	265
55-59	1427	38	39	518	802	745	28	23	227	446	653	9	16	280	342
60-64	1954	28	59	647	1192	957	21	37	288	595	969	7	22	343	587
65-69	2873	38	79	771	1951	1381	25	43	364	932	1443	13	35	390	992
70-74	3306	33	125	713	2409	1256	15	59	284	882	1994	18	64	413	1489
75-79	3185	22	91	562	2475	926	13	32	200	661	2205	9	56	349	1781
80-84	2125	14	60	305	1725	450	6	18	88	328	1648	8	42	214	1376
85 up	1112	8	44	197	855	161	*	11	41	104	926	6	32	153	733

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	88551	1381	3029	33426	49220	28739	827	1137	9401	16720	58262	547	1861	23367	31760
0-14	155	*	*	60	74	12	*	*	*	*	140	*	*	57	67
15-19	360	*	9	154	180	*	.	.	*	*	346	*	7	148	176
20-24	1126	17	39	514	514	47	*	.	20	26	1056	14	39	482	483
25-29	2092	31	77	1034	913	222	*	*	81	130	1840	30	71	938	773
30-34	3322	42	99	1622	1469	670	11	14	200	431	2581	30	84	1385	1017
35-39	4829	79	139	2390	2128	1020	23	24	279	668	3744	56	113	2077	1435
40-44	6420	124	182	3346	2652	1557	58	34	504	917	4761	66	144	2783	1701
45-49	7848	171	239	4043	3250	2427	108	75	896	1291	5274	63	159	3062	1916
50-54	8141	179	298	3710	3784	3209	129	137	1162	1694	4823	48	161	2489	2053
55-59	8584	194	299	3745	4159	3841	149	151	1478	1945	4616	43	148	2199	2165
60-64	9471	176	344	3705	5087	4327	132	173	1564	2360	4978	44	168	2060	2657
65-69	10647	170	370	3454	6489	4463	121	183	1405	2659	5968	49	182	1964	3713
70-74	10564	99	372	2760	7197	3622	55	154	1010	2340	6747	43	215	1691	4738
75-79	8498	59	294	1713	6358	2223	24	104	538	1529	6110	34	187	1141	4709
80-84	4625	27	189	813	3552	867	10	62	198	581	3673	16	126	594	2912
85 up	1869	8	74	363	1413	227	*	20	61	143	1605	6	54	295	1243

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	19132	331	542	6567	11447	9206	251	315	3211	5281	9529	77	223	3204	5957
0-14	3	*	1	0	2	0	.	*	*	*	3	*	1	0	2
15-19	6	*	0	4	2	*	.	*	*	*	6	*	0	4	2
20-24	45	0	2	27	15	10	*	*	6	4	35	0	2	21	11
25-29	96	0	1	41	48	41	*	*	18	22	53	0	0	23	25
30-34	190	6	3	74	100	87	2	0	29	52	100	4	3	45	46
35-39	291	8	6	126	149	140	6	5	45	82	147	2	1	80	64
40-44	428	13	12	184	213	192	8	5	66	108	227	5	7	113	101
45-49	695	18	15	288	368	355	14	9	118	208	321	4	6	160	151
50-54	944	24	20	368	509	550	15	14	203	305	384	9	6	164	198
55-59	1422	27	30	603	733	847	24	17	344	443	552	3	13	249	281
60-64	2056	37	49	828	1111	1255	32	34	471	700	760	5	15	339	393
65-69	3072	77	96	1034	1815	1774	62	70	610	999	1221	13	25	391	780
70-74	3602	57	114	1180	2214	1826	42	60	611	1087	1698	15	53	540	1081
75-79	3165	36	98	954	2048	1327	29	56	432	796	1767	6	41	496	1215
80-84	1997	17	61	541	1367	602	11	33	179	373	1365	6	28	351	976
85 up	1120	11	34	315	753	200	6	12	79	102	890	5	22	228	631

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 2 Hemodialysis Pts, 60 days on hemo,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	81592	1641	3076	34820	40674	35043	1118	1264	14919	17042	45164	509	1791	19290	23022
0-14	117	*	8	33	60	9	.	*	*	*	103	*	6	27	56
15-19	293	*	15	115	143	*	.	*	*	*	277	*	14	106	141
20-24	892	14	46	420	380	62	*	34	25	816	13	44	380	351	
25-29	1546	25	64	740	670	263	*	*	115	138	1246	20	62	608	523
30-34	2272	45	64	1115	999	475	12	9	180	269	1765	32	54	921	718
35-39	3198	58	126	1685	1275	729	21	26	314	358	2425	36	99	1346	904
40-44	3996	67	171	2084	1599	1141	38	30	495	554	2798	29	141	1560	1024
45-49	5407	133	219	2622	2348	2060	86	72	928	943	3262	45	144	1653	1370
50-54	6310	166	216	2982	2810	2960	122	82	1384	1297	3253	44	131	1555	1470
55-59	7896	233	277	3712	3513	4253	189	138	1981	1836	3531	43	137	1673	1637
60-64	10030	245	346	4578	4638	5619	188	187	2501	2589	4222	54	158	1986	1978
65-69	12128	241	433	5059	6208	6553	191	227	2753	3262	5320	48	201	2190	2831
70-74	11982	199	479	4593	6566	5770	145	247	2273	3013	6017	51	229	2248	3450
75-79	8751	126	349	2935	5241	3409	80	153	1306	1824	5192	45	196	1576	3329
80-84	4700	57	197	1441	2963	1343	32	65	494	730	3291	24	132	925	2198
85 up	2073	21	67	706	1261	390	7	23	153	200	1646	14	43	537	1044

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	5595	64	147	1004	4313	2701	45	82	475	2051	2814	18	63	509	2206
0-14	28	*	0	6	20	*	..	..	*	*	28	*	0	6	20
15-19	9	*	0	2	7	*	..	..	*	*	9	*	0	2	7
20-24	12	0	0	5	7	0	*	*	0	0	12	0	0	5	7
25-29	50	2	1	16	31	21	*	*	4	16	29	2	0	12	15
30-34	105	1	3	34	65	44	*	*	7	34	61	1	1	27	31
35-39	170	0	4	47	117	90	*	1	8	81	79	0	2	39	36
40-44	230	3	6	72	146	124	3	3	24	92	104	0	3	47	53
45-49	328	4	10	84	222	197	2	5	35	151	128	2	5	47	70
50-54	461	4	19	103	332	279	2	10	57	207	176	2	9	46	119
55-59	576	9	12	147	403	359	9	10	90	246	206	0	2	52	151
60-64	729	9	21	135	549	401	6	12	75	295	322	3	8	59	251
65-69	884	18	18	147	692	476	15	10	83	359	392	2	8	60	322
70-74	910	7	21	106	765	400	5	14	57	316	499	2	7	48	439
75-79	611	5	16	44	544	193	*	9	20	161	411	3	7	24	376
80-84	348	*	11	45	286	89	*	4	11	71	247	..	7	28	209
85 up	144	*	5	11	127	28	*	*	*	22	111	*	*	7	100

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	24686	370	1096	6367	16383	8412	188	320	1849	5844	15907	180	764	4399	10332
0-14	385	*	12	85	264	*	..	..	*	*	376	*	12	84	259
15-19	291	*	21	89	162	*	..	..	*	*	284	*	21	86	158
20-24	495	10	32	162	274	27	*	*	9	15	456	9	30	149	253
25-29	858	18	37	298	480	148	*	*	27	112	695	16	33	264	362
30-34	1311	23	63	430	762	365	*	*	66	279	927	16	58	355	474
35-39	1714	20	88	585	988	491	*	7	72	400	1207	17	79	508	579
40-44	2141	36	113	732	1220	641	14	17	123	472	1470	22	95	592	736
45-49	2510	56	127	812	1467	870	32	24	206	588	1602	24	101	591	861
50-54	2628	53	111	797	1609	1051	35	40	267	676	1526	17	71	520	896
55-59	2551	43	109	748	1600	1180	32	48	353	707	1334	10	61	381	873
60-64	2616	31	96	623	1817	1214	21	56	290	812	1374	9	38	321	992
65-69	2776	29	120	489	2097	1155	16	59	233	814	1583	12	60	245	1260
70-74	2282	26	78	308	1849	782	16	28	137	591	1466	10	47	166	1235
75-79	1371	15	55	136	1155	333	*	21	40	261	1019	9	34	93	877
80-84	585	*	28	59	494	119	*	7	19	90	456	..	21	35	399
85 up	172	*	8	14	145	33	*	*	*	24	134	*	*	10	117

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD.  
 At risk until death, Tx, or end of year.  
 AND Sex: Male

Age	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	2919	25	75	431	2352	1330	20	38	182	1065	1554	5	35	242	1262
0-14	11	*	0	1	9	..	..	..	..	11	*	0	1	9	
15-19	3	*	*	0	3	*	..	..	..	3	*	*	0	3	
20-24	6	*	0	1	5	0	..	..	*	6	*	0	1	5	
25-29	21	*	0	7	13	8	..	*	3	5	13	*	0	4	8
30-34	43	0	0	15	27	22	*	*	5	16	21	*	0	10	11
35-39	87	*	3	28	54	46	*	*	2	43	40	*	1	26	11
40-44	123	1	2	38	80	69	*	1	13	53	53	0	1	24	27
45-49	167	1	6	43	113	94	0	3	13	76	72	1	3	29	37
50-54	235	0	10	46	178	140	0	4	23	112	92	*	6	23	63
55-59	285	4	6	58	214	186	4	6	33	141	95	*	0	25	69
60-64	376	5	8	56	300	196	3	4	29	154	178	*	3	27	146
65-69	464	7	7	55	389	231	7	3	26	189	228	*	4	28	196
70-74	481	4	13	42	419	191	*	7	23	156	283	*	6	18	257
75-79	339	*	9	18	309	92	*	5	7	78	243	*	4	11	227
80-84	201	*	7	20	170	45	*	*	*	35	151	..	4	13	133
85 up	77	..	*	*	69	10	..	*	*	7	65	..	*	*	60

SUM OF Patient years at risk  
 FOR Year: 1997.  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD.  
 At risk until death, Tx, or end of year.  
 AND Sex: Male

Age	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	12633	159	515	2905	8812	4339	84	169	781	3193	8097	74	337	2068	5503
0-14	216	*	8	44	151	..	..	..	..	216	*	8	44	147	
15-19	150	*	*	44	89	*	..	..	..	146	*	*	42	86	
20-24	206	*	15	72	110	9	..	*	*	193	*	14	67	103	
25-29	393	*	16	135	224	72	..	*	12	55	314	*	14	121	166
30-34	592	9	26	188	352	171	*	*	23	139	409	*	24	159	209
35-39	831	*	34	266	509	263	*	*	26	230	558	*	27	237	276
40-44	1122	16	42	386	656	360	*	9	60	279	747	11	33	317	373
45-49	1255	32	57	371	772	456	19	14	81	331	780	13	44	282	432
50-54	1291	21	52	357	833	530	12	24	109	370	732	*	28	242	443
55-59	1297	18	57	349	844	628	14	29	167	395	652	*	28	177	439
60-64	1321	17	47	276	959	624	12	30	127	440	685	*	16	144	513
65-69	1443	12	53	198	1155	578	7	29	89	433	847	*	23	106	708
70-74	1255	11	42	125	1066	398	*	11	59	315	835	*	29	64	735
75-79	822	*	35	62	713	179	*	9	17	148	629	*	26	43	553
80-84	341	*	19	26	292	57	*	*	*	44	276	..	13	18	245
85 up	98	..	*	*	86	13	..	*	*	9	83	..	*	*	75

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	2676	39	72	573	1961	1371	25	44	293	986	1260	13	28	267	944
0-14	17	*	*	5	11	*	..	..	*	*	17	*	*	5	11
15-19	6	*	0	2	4	*	..	..	*	*	6	*	0	2	4
20-24	6	*	0	4	2	0	*	*	*	0	6	*	0	4	2
25-29	29	1	1	9	18	13	*	*	1	11	16	1	0	8	7
30-34	62	1	3	19	38	22	*	*	2	18	40	1	1	17	20
35-39	83	0	1	19	63	44	*	*	6	38	39	0	1	13	25
40-44	107	2	4	34	66	55	2	2	11	39	51	0	2	23	26
45-49	161	3	4	41	109	103	2	2	22	75	56	1	2	18	33
50-54	226	4	9	57	154	139	2	6	34	95	84	2	3	23	56
55-59	291	5	6	89	189	173	5	4	57	105	111	*	2	27	82
60-64	353	4	13	79	249	205	3	8	46	141	144	*	5	32	105
65-69	420	11	11	92	303	245	8	7	57	170	164	*	4	32	126
70-74	429	3	8	64	346	209	2	7	34	160	216	*	1	30	182
75-79	272	4	7	26	235	101	*	4	13	83	168	*	3	13	149
80-84	147	..	4	25	116	44	..	*	7	36	96	..	3	15	76
85 up	67	*	*	8	58	18	*	*	*	15	46	*	*	5	40

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 3 CAPD/CCPD Pts, 60 days on CAPD/CCPD,  
 At risk until death, Tx, or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	12053	210	581	3462	7571	4073	104	151	1068	2651	7810	105	427	2331	4829
0-14	168	*	*	41	113	*	..	..	*	*	164	*	*	40	111
15-19	141	*	13	45	73	*	..	..	*	137	*	13	43	71	
20-24	288	*	17	90	164	18	*	*	*	10	263	*	16	81	150
25-29	465	15	21	164	256	76	*	*	15	57	380	13	19	143	195
30-34	718	14	37	241	409	193	*	*	42	140	518	10	34	197	265
35-39	883	15	55	318	479	227	*	*	46	171	649	12	52	271	303
40-44	1019	20	70	346	563	281	9	8	63	194	723	11	62	275	364
45-49	1256	24	69	441	695	414	13	11	125	258	822	11	58	309	430
50-54	1338	32	59	440	776	521	23	16	159	307	793	8	43	278	453
55-59	1254	24	52	399	756	552	18	19	186	312	682	*	32	204	434
60-64	1294	14	49	347	858	590	9	26	164	372	689	*	22	177	479
65-69	1334	16	66	291	942	577	9	30	144	381	737	*	36	138	552
70-74	1027	15	35	183	783	385	8	17	78	276	630	*	18	101	500
75-79	549	9	20	74	442	154	*	12	24	113	390	*	8	50	324
80-84	244	..	9	33	202	62	..	*	14	46	180	..	7	17	154
85 up	74	*	*	9	59	20	*	*	*	15	51	*	*	6	42

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997.  
 Modality group: 4 All Pts with functioning TX.  
 At risk until death or end of year.  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	2588	27	76	482	1980	893	16	23	125	726	1589	11	53	333	1180
0-14	12	0	0	3	8	*	..	..	..	*	10	0	0	3	6
15-19	11	0	0	2	9	*	..	..	*	11	0	0	2	9	
20-24	11	0	0	4	7	2	*	..	0	2	9	0	0	4	5
25-29	43	0	1	8	33	9	*	..	1	7	33	0	0	7	25
30-34	97	0	3	13	80	37	0	1	1	35	59	0	2	11	45
35-39	177	0	0	30	145	83	0	0	7	76	90	0	0	23	66
40-44	259	0	8	39	210	134	0	2	10	121	118	0	6	29	83
45-49	325	3	9	65	247	150	3	3	20	124	159	0	6	42	110
50-54	379	7	11	73	283	149	1	1	19	126	219	6	10	51	150
55-59	359	5	13	80	256	113	3	4	22	84	227	2	9	53	162
60-64	394	4	14	90	285	125	4	5	30	86	250	0	9	51	189
65-69	305	4	11	46	241	70	2	3	11	54	217	2	8	34	171
70-74	165	4	5	25	130	18	*	2	3	10	142	*	3	20	117
75-79	37	*	*	3	33	3	..	*	*	1	32	*	*	2	30
80-84	12	..	*	*	11	..	..	..	..	..	12	..	*	*	11
85 up	2	..	..	*	*	..	..	..	..	..	*	..	..	*	*

SUM OF Patient years at risk  
 FOR Year: 1997.  
 Modality group: 4 All Pts with functioning TX.  
 At risk until death or end of year.  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	79763	883	2857	13877	60821	16590	274	317	2291	13621	58035	583	2409	10720	43661
0-14	1972	20	56	308	1518	*	..	..	..	*	1752	20	49	271	1380
15-19	1738	22	52	306	1310	*	..	..	*	1572	21	49	267	1208	
20-24	2562	33	101	485	1878	51	*	..	10	39	2335	32	94	440	1730
25-29	4750	50	163	901	3566	461	*	*	85	364	3996	43	151	762	3009
30-34	7719	60	269	1264	5987	1711	12	17	184	1489	5545	46	241	1003	4189
35-39	10185	114	350	1557	7997	2762	22	33	223	2475	6756	87	304	1223	5055
40-44	11116	93	417	1866	8557	3072	27	44	250	2737	7325	62	358	1514	5289
45-49	11239	121	402	2077	8474	2885	34	51	332	2454	7663	82	332	1634	5527
50-54	9251	123	358	1702	6911	2074	51	47	346	1617	6607	69	294	1269	4895
55-59	7391	113	302	1418	5438	1576	55	46	361	1097	5389	59	245	981	4048
60-64	5848	75	215	1141	4340	1138	37	43	291	764	4328	36	159	765	3341
65-69	3913	45	113	616	3095	627	24	21	161	416	3049	19	84	422	2504
70-74	1610	11	51	193	1345	196	*	9	37	143	1324	*	39	139	1136
75-79	399	*	*	35	347	28	..	*	*	19	338	*	*	25	302
80-84	57	..	*	*	51	..	..	..	..	..	48	..	*	*	43
85 up	12	..	..	*	*	..	..	..	..	..	*	..	..	*	*

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths

FOR Year: 1997.

Modality group: 4 All Pts with functioning TX.

At risk until death or end of year.

AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	1611	17	48	291	1243	520	7	17	65	429	1033	10	31	213	771
0-14	8	0	0	3	4	*	..	..	..	*	8	0	0	3	4
15-19	6	0	0	1	5	*	..	..	*	6	0	0	1	5	
20-24	7	0	0	2	5	0	..	..	*	0	7	0	0	2	5
25-29	18	0	0	4	13	1	*	*	0	1	16	0	0	4	11
30-34	51	0	2	8	40	15	*	*	1	13	35	0	1	6	27
35-39	101	0	0	16	84	47	0	0	4	43	52	0	0	12	39
40-44	160	0	5	21	134	76	0	1	4	71	81	0	4	17	60
45-49	195	2	5	35	153	86	2	8	74	101	0	3	26	72	
50-54	241	7	6	45	180	91	1	0	11	77	142	6	6	32	97
55-59	216	1	9	47	156	65	0	3	14	48	139	1	6	30	101
60-64	266	2	10	56	197	80	2	5	14	59	175	0	5	37	132
65-69	199	3	6	31	159	46	1	3	7	35	143	2	3	23	115
70-74	111	*	5	20	83	11	*	*	1	7	99	*	3	19	75
75-79	22	*	*	1	21	2	..	..	*	1	19	*	*	0	19
80-84	9	..	*	*	8	..	..	..	..	9	..	*	*	8	
85 up	*	..	..	*	*	..	..	..	..	*	..	..	*	*	

SUM OF Patient years at risk

FOR Year: 1997.

Modality group: 4 All Pts with functioning TX.

At risk until death or end of year.

AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	47581	507	1556	8392	36312	9907	148	185	1309	8206	34696	343	1294	6570	26113
0-14	1269	10	27	215	965	*	..	..	..	*	1131	10	23	189	887
15-19	1048	13	26	198	777	*	..	..	*	948	12	25	178	715	
20-24	1452	21	52	304	1037	27	..	..	*	18	1319	21	47	275	958
25-29	2721	26	100	517	2033	205	*	*	27	174	2357	25	94	461	1756
30-34	4356	30	138	693	3413	869	*	*	80	773	3250	25	128	571	2483
35-39	5861	65	185	891	4618	1589	11	13	121	1437	3904	52	166	697	2937
40-44	6672	59	221	1133	5152	1847	16	30	156	1635	4423	39	182	922	3226
45-49	6885	75	206	1308	5194	1773	22	25	207	1510	4690	50	168	1035	3385
50-54	5666	75	190	1083	4225	1347	32	30	207	1067	3979	40	150	819	2932
55-59	4478	65	172	880	3293	998	31	31	217	710	3210	34	136	612	2402
60-64	3530	34	130	679	2632	689	15	25	166	480	2619	19	97	468	2020
65-69	2306	26	64	346	1843	388	13	14	87	271	1781	12	47	239	1471
70-74	1035	*	38	122	865	151	*	*	25	114	832	*	28	88	711
75-79	258	*	*	19	229	20	..	..	*	13	214	*	*	11	197
80-84	36	..	*	*	31	..	..	..	..	34	..	*	*	29	
85 up	*	..	..	*	*	..	..	..	..	*	..	..	*	*	

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths

FOR Year: 1997.

Modality group: 4 All Pts with functioning TX.

At risk until death or end of year.

AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	977	10	28	191	737	373	9	6	60	297	556	1	22	120	409
0-14	4	0	0	0	4	..	..	..	..	..	2	0	0	0	2
15-19	5	*	0	1	4	*	..	..	*	*	5	*	0	1	4
20-24	4	0	0	2	2	2	..	..	*	2	2	0	0	2	0
25-29	25	0	1	4	20	8	*	*	1	6	17	0	0	3	14
30-34	46	0	1	5	40	22	*	0	0	22	24	0	1	5	18
35-39	76	0	0	14	61	36	0	0	3	33	38	0	0	11	27
40-44	99	0	3	18	76	58	0	1	6	50	37	0	2	12	23
45-49	130	1	4	30	94	64	1	12	50	58	0	3	16	38	
50-54	138	0	5	28	103	58	0	1	8	49	77	0	4	19	53
55-59	143	4	4	33	100	48	3	1	8	36	88	1	3	23	61
60-64	128	2	4	34	88	45	2	0	16	27	75	0	4	14	57
65-69	106	1	5	15	82	24	1	*	4	19	74	*	5	11	56
70-74	54	*	0	5	47	7	*	*	2	3	43	*	0	1	42
75-79	15	*	*	2	12	*	*	*	*	13	*	*	2	11	
80-84	3	..	*	*	3	..	..	..	..	3	..	*	..	3	
85 up	*	..	..	*	*	..	..	..	..	*	..	..	*	*	

SUM OF Patient years at risk

FOR Year: 1997.

Modality group: 4 All Pts with functioning TX.

At risk until death or end of year.

AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	32182	376	1301	5485	24509	6683	126	132	982	5415	23339	240	1114	4150	17548
0-14	703	10	29	93	552	..	..	..	..	..	621	10	26	81	493
15-19	690	*	26	108	533	*	..	..	*	*	625	*	24	89	493
20-24	1110	12	49	182	840	24	..	..	*	21	1016	11	47	165	772
25-29	2029	23	62	384	1533	256	*	*	58	190	1639	18	57	301	1253
30-34	3363	30	131	571	2575	842	*	11	104	716	2295	21	113	432	1706
35-39	4324	49	165	666	3379	1174	11	20	101	1038	2852	35	138	527	2118
40-44	4445	34	196	732	3405	1225	11	13	94	1102	2902	23	176	592	2063
45-49	4354	46	196	769	3280	1112	13	25	126	944	2973	32	164	599	2142
50-54	3584	48	167	620	2685	727	19	17	139	550	2628	29	144	450	1963
55-59	2914	48	130	538	2145	577	24	16	144	388	2179	25	109	369	1646
60-64	2318	41	84	463	1708	449	22	18	124	284	1709	17	63	296	1321
65-69	1607	19	49	270	1252	240	11	*	74	145	1267	*	38	184	1033
70-74	574	*	13	71	480	45	*	*	11	29	492	*	11	52	425
75-79	141	*	*	16	118	*	..	*	*	*	124	*	*	14	106
80-84	22	..	*	*	20	..	..	..	..	15	..	*	..	14	
85 up	*	..	..	*	*	..	..	..	..	*	..	..	*	*	

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 5 All ESRD Pts,  
 At risk until death or end of year,  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	48215	687	1376	13551	32014	20806	477	698	5844	13448	26474	204	665	7392	18027
0-14	55	1	2	15	35	0	*	*	0	0	53	1	2	15	33
15-19	44	1	2	13	28	0	.	*	0	0	42	1	2	12	27
20-24	111	1	3	54	51	13	*	*	7	6	97	1	3	47	44
25-29	314	2	5	123	173	117	0	2	39	73	193	2	2	83	98
30-34	668	11	13	228	401	284	3	3	58	213	370	8	10	164	183
35-39	1081	14	16	378	664	491	9	8	101	369	573	5	7	271	286
40-44	1619	23	41	574	965	753	15	17	170	541	837	8	24	392	409
45-49	2398	52	54	905	1356	1164	40	28	300	778	1184	12	26	581	552
50-54	3064	63	86	1035	1823	1592	37	46	464	1015	1422	26	40	556	779
55-59	3932	83	96	1385	2297	2146	68	55	702	1275	1704	14	41	652	983
60-64	5312	79	146	1741	3269	2829	64	90	888	1738	2384	15	55	808	1486
65-69	7348	139	211	2042	4859	3791	105	131	1087	2408	3391	31	78	900	2355
70-74	8171	103	270	2047	5673	3580	67	137	964	2360	4437	36	130	1034	3213
75-79	7123	63	213	1583	5196	2488	44	102	659	1647	4501	18	107	885	3470
80-84	4554	33	132	902	3450	1159	18	55	280	788	3326	15	77	602	2617
85 up	2421	19	86	526	1774	399	7	24	125	237	1960	11	61	390	1492

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 5 All ESRD Pts,  
 At risk until death or end of year,  
 AND Sex: All

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	84040	4408	10417	91020	73354	91538	2464	3108	29097	55160	83866	1895	7110	59606	12992
0-14	2805	32	89	523	2032	24	*	*	9	10	2540	31	78	474	1872
15-19	2867	43	103	715	1908	19	.	*	8	11	2658	41	98	657	1794
20-24	5405	81	234	1681	3246	205	*	*	81	112	4968	76	222	1539	3004
25-29	9828	126	360	3161	5990	1198	13	14	335	819	8238	111	335	2726	4942
30-34	15351	178	513	4624	9712	3440	44	45	664	2650	11315	129	456	3820	6704
35-39	20804	281	743	6487	12933	5247	70	95	925	4102	14748	206	630	5381	8309
40-44	24722	339	930	8350	14672	6706	142	129	1425	4907	17093	192	779	6714	9160
45-49	28102	496	1035	9867	16248	8555	266	231	2428	5508	18568	224	775	7182	10141
50-54	27347	540	1024	9493	15745	9641	352	317	3253	5501	16857	183	688	6033	9717
55-59	27317	596	1024	9868	15291	11187	434	396	4275	5788	15408	159	615	5371	9095
60-64	28748	541	1026	10251	16409	12609	387	471	4736	6715	15357	148	537	5239	9296
65-69	30174	495	1055	9761	18419	13065	361	497	4618	7334	16346	131	540	4895	10644
70-74	26980	340	997	7949	17375	10553	227	445	3494	6218	15899	109	541	4295	10839
75-79	19317	203	713	4866	13338	6074	110	282	1914	3687	12867	92	428	2861	9394
80-84	10097	86	419	2334	7168	2355	44	134	714	1424	7572	41	284	1571	5637
85 up	4177	32	152	1091	2867	658	10	48	219	374	3432	21	104	847	2443

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.

Deaths resulting from street drugs and accidents unrelated to treatment are not counted.

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

Death rates are considered accurate to within plus or minus the standard error.

See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.

The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997.  
 Modality group: 5 All ESRD Pts.  
 At risk until death or end of year.  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	24748	298	719	6063	17377	9531	184	323	2206	6657	14784	112	387	3718	10462
0-14	30	0	1	10	17	0	*	*	*	*	30	0	1	10	17
15-19	25	0	2	6	17	0	.	.	*	*	23	0	2	5	16
20-24	54	1	1	21	30	1	*	*	1	0	53	1	1	20	30
25-29	151	1	1	61	83	52	*	*	17	33	97	1	1	43	49
30-34	345	4	6	126	203	140	1	1	25	110	195	3	5	95	90
35-39	595	6	9	206	368	262	3	3	44	210	322	3	5	157	153
40-44	948	7	22	330	583	427	4	9	85	326	507	3	13	238	250
45-49	1361	28	30	529	754	610	21	15	139	425	731	7	15	379	320
50-54	1698	34	52	567	1016	820	19	25	212	550	844	15	27	342	447
55-59	2003	45	55	640	1225	1034	34	32	280	663	924	10	23	346	537
60-64	2692	36	79	780	1761	1283	27	47	343	844	1364	9	31	415	898
65-69	3644	49	97	878	2579	1696	33	52	403	1184	1883	16	44	456	1354
70-74	4006	40	144	788	3003	1492	20	68	313	1073	2447	20	74	457	1883
75-79	3615	23	103	589	2863	1038	14	38	209	756	2518	9	62	367	2069
80-84	2374	16	67	331	1936	504	7	21	93	371	1838	9	46	232	1542
85 up	1207	8	50	201	939	172	*	12	42	112	1008	6	37	156	807

SUM OF Patient years at risk  
 FOR Year: 1997.  
 Modality group: 5 All ESRD Pts.  
 At risk until death or end of year.  
 AND Sex: Male

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	54191	2117	5286	46135	98013	44538	1083	1535	11822	29242	4823	1009	3633	33050	65865
0-14	1741	18	43	340	1256	13	*	*	*	*	1580	17	38	311	1163
15-19	1657	20	46	424	1106	10	.	.	*	*	1537	19	44	397	1037
20-24	2949	43	114	937	1767	89	*	*	33	52	2723	40	107	868	1642
25-29	5524	62	207	1785	3369	554	*	*	135	398	4767	59	190	1601	2851
30-34	8664	84	270	2612	5501	1821	19	22	319	1438	6516	64	243	2205	3878
35-39	12034	157	376	3701	7584	3021	35	44	449	2458	8563	120	321	3140	4852
40-44	14855	211	469	5067	8853	3939	83	77	750	2963	10387	124	377	4189	5555
45-49	16646	287	526	5915	9644	4851	152	121	1224	3275	11197	132	387	4527	6012
50-54	15688	281	563	5326	9211	5289	178	197	1527	3265	9908	99	355	3674	5655
55-59	14886	284	552	5117	8642	5673	199	217	1925	3175	8789	83	329	3064	5222
60-64	14767	236	535	4766	8986	5810	164	236	1901	3389	8546	71	286	2732	5382
65-69	14779	215	498	4057	9792	5558	145	230	1601	3461	8843	69	257	2347	6094
70-74	13180	116	459	3054	9395	4266	66	176	1110	2844	8633	49	276	1870	6371
75-79	9746	67	338	1814	7443	2461	26	114	572	1717	7079	41	221	1205	5571
80-84	5076	28	210	848	3944	940	11	67	204	639	4041	17	142	619	3239
85 up	1999	8	81	373	1522	244	*	22	63	154	1714	6	58	302	1339

(CONTINUED)

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.

Table D.2S (Continued)  
 Supplement to Table D.2  
 Counts of Years at Risk and Deaths Used in Estimating Annual Death Rates in Table D.2:  
 Annual Death Rates per 1000 Patient Years at Risk  
 by Age on January 1, Sex, Race, Primary Disease, and Treatment Modality

SUM OF Dialysis related deaths  
 FOR Year: 1997,  
 Modality group: 5 All ESRD Pts,  
 At risk until death or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	23467	389	657	7488	14637	11275	293	375	3638	6791	11690	92	278	3674	7565
0-14	25	1	1	5	18	0	.	*	*	*	23	1	1	5	16
15-19	19	1	0	7	11	0	.	*	*	*	19	1	0	7	11
20-24	57	0	2	33	21	12	*	*	6	6	44	0	2	27	14
25-29	163	1	4	62	90	65	0	*	22	40	96	1	1	40	49
30-34	323	7	7	102	198	144	2	2	33	103	175	5	5	69	93
35-39	486	8	7	172	296	229	6	5	57	159	251	2	2	114	133
40-44	671	16	19	244	382	326	11	8	85	215	330	5	11	154	159
45-49	1037	24	24	376	602	554	19	13	161	353	453	5	11	202	232
50-54	1366	29	34	468	807	772	18	21	252	465	578	11	13	214	332
55-59	1929	38	41	745	1072	1112	34	23	422	612	780	4	18	306	446
60-64	2620	43	67	961	1508	1546	37	43	545	894	1020	6	24	393	588
65-69	3704	90	114	1164	2280	2095	72	79	684	1224	1508	15	34	444	1001
70-74	4165	63	126	1259	2670	2088	47	69	651	1287	1990	16	56	577	1330
75-79	3508	40	110	994	2333	1450	30	64	450	891	1983	9	45	518	1401
80-84	2180	17	65	571	1514	655	11	34	187	417	1488	6	31	370	1075
85 up	1214	11	36	325	835	227	6	12	83	125	952	5	24	234	685

SUM OF Patient years at risk  
 FOR Year: 1997,  
 Modality group: 5 All ESRD Pts,  
 At risk until death or end of year,  
 AND Sex: Female

	All					Diabetes					Non-Diabetes				
	Native					Native					Native				
	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White	All	Amer.	Asian	Black	White
All	29849	2291	5131	44885	75341	47000	1381	1573	17275	25919	79043	886	3477	26556	47127
0-14	1064	14	46	183	776	11	.	*	*	*	960	14	40	163	709
15-19	1210	23	57	291	802	9	.	*	*	*	1121	22	54	261	757
20-24	2455	38	120	744	1479	117	*	*	48	60	2244	35	114	671	1362
25-29	4304	64	154	1376	2621	644	10	*	200	422	3471	52	145	1125	2091
30-34	6687	94	243	2012	4211	1619	25	23	345	1212	4799	65	213	1615	2826
35-39	8771	125	367	2786	5349	2225	35	51	476	1644	6186	86	309	2242	3458
40-44	9867	128	461	3283	5819	2767	59	53	675	1944	6706	69	402	2525	3605
45-49	11456	209	509	3953	6604	3705	114	110	1204	2234	7372	92	388	2655	4128
50-54	11659	258	462	4166	6534	4353	174	119	1726	2236	6949	84	333	2359	4063
55-59	12431	312	472	4751	6649	5515	235	179	2350	2613	6619	76	286	2307	3873
60-64	13981	305	490	5485	7424	6799	223	234	2835	3326	6811	77	250	2507	3914
65-69	15394	280	558	5704	8627	7507	215	267	3017	3873	7503	62	283	2548	4550
70-74	13800	224	538	4896	7980	6286	161	268	2384	3374	7266	60	265	2425	4468
75-79	9570	136	375	3052	5896	3613	84	168	1341	1971	5788	51	207	1656	3823
80-84	5021	58	209	1486	3225	1415	33	67	509	785	3530	24	142	952	2398
85 up	2178	23	71	717	1346	415	8	25	156	219	1718	15	46	545	1104

Patients who died from AIDS are excluded from all calculations.  
 Deaths resulting from street drugs and accidents unrelated to treatment are not counted.  
 Includes all patients who have reached day 91 of ESRD by the end of the year.  
 Death rates are considered accurate to within plus or minus the standard error.  
 See notes at the beginning of this section and Chapter XIII for a description of the death rate methodology.  
 The rates in Table D.2 are estimated base on statistical model to improve the stability of the rates with small groups of patients. For small groups the rates computed from the counts in Table D.2S may differ from the rates in D.2. "." Indicates cells with no patients. "\*" Values for cells with fewer than 10 patients are suppressed.