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Completed standard errors for this section will be available to download from the USRDS website after December 1, 2005.

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## Footnotes for the tables

for entire chapter:

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1996 have therefore been left blank.

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

"." Zero values in this cell.

Total patient deaths (H.1-27, odd-numbered tables): Patient age is determined as of the date of death.

Annual mortality rates (H.2-28, even-numbered tables):

Reference cohort is 2001 prevalent ESRD patients.

Overall mortality rates are adjusted for age, gender, race, primary diagnosis, & vintage.

Rates for one of the five variables are adjusted for the remaining four.

Includes all patients who have reached day 91 of ESRD by December 31 of each calendar year.

Patient age is determined on January 1 of each calendar year.

Patients of unknown age, gender are excluded. Includes U.S. & territories; no unknown or foreign states.

H.29-30 Age is determined as of January 1 of each calendar year.  
"All" category includes patients of other & unknown races.  
U.S. only; patients of unknown age or gender are excluded.

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Overall mortality rates are adjusted for age, gender, race, & primary diagnosis.  
Mortality rates for one of the four variables are adjusted for the remaining three.  
Hispanic & non-Hispanic mortality rates are unadjusted.  
The age of the incident patient is determined as of the date of ESRD initiation.  
The 90-day rule has been applied.  
U.S. patients only; patients of unknown age or gender, or of age >110, are excluded.

### Supplemental tables

Annual mortality rates per 1,000 patient years at risk: by primary diagnosis, adjusted

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Reference cohort is 2001 ESRD patients.

Overall mortality rates are adjusted for age, gender, race, & primary diagnosis.

Mortality rates for diabetes, hypertension, glomerulonephritis, & other are adjusted for age, gender, & race.

Mortality rates for age, gender, & race under each primary diagnosis are adjusted for the remaining two variables.

Includes all patients who have reached day 91 of ESRD by December 31 of each calendar year.

Patient age is determined on January 1 of each calendar year.

Annual deaths per 1,000 patients: by primary diagnosis, adjusted

H.2.2, 4.2, 12.2, 20.2, and 28.2

Reference cohort is 2001 ESRD patients.

Overall mortality rates are adjusted for age, gender, race, & primary diagnosis.

Mortality rates for diabetes, hypertension, glomerulonephritis, & other are adjusted for age, gender, & race.

Mortality rates for age, gender, & race under each primary diagnosis are adjusted for the remaining two variables.

Includes all patients who have reached day 91 of ESRD by December 31 of each calendar year.

Patient age is determined on January 1 of each calendar year.

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Includes all patients who have reached day 91 of ESRD by December 31 of each calendar year.

Age is determined as of January 1 of each calendar year.

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U.S. only; patients of unknown age or gender, or of other or unknown race, are excluded so that rates can be calculated appropriately.

Includes all patients who have reached day 91 of ESRD by January 1 of each calendar year.

H.29.1-2 Age is determined as of January 1 of each calendar year.  
"All" category includes patients of other & unknown races.  
U.S. only; patients of unknown age or gender are excluded so that rates can be calculated appropriately.

H.b \*Adjusted for age on January 1, race, gender, primary diagnosis, & vintage.

















Table H.8

## Annual mortality rates per 1,000 patient years at risk: dialysis patients on transplant waitlist

period prevalent patients; 2001 ESRD patients used as reference

UNADJUSTED	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4									84.9	77.9	69.9						139	164.9	68.5	72.7	64					45.1	
5-9								27.3						24.8						39.7						70.8	71.6
10-14								24.3	56.6	27.3		35.2	23.2	22.4	11	12.8	25.7	10.6	23.1	47.9	12.5	14.2	47.9	11.1	10	9.5	
15-19								19.9	26.6		11.2	16.3	8.9	8.9	8.5	16.4	25.1	28.3	12.3	12.7	13.7	27	32.7	30.4	13.8	17.1	
20-29								15.1	16.9	17.4	20.9	21.2	23	18.8	25	25.7	26.9	27.2	29	31	22.9	29.6	26.3	30.3	34	33.8	
30-39								20.7	30	37.4	41.3	41.7	38.9	41.6	37.8	39	47	43.6	44.4	49.6	39.2	40.7	36.4	38.2	47.6	43.9	
40-49								34.5	51.7	49.3	38.7	41.6	45.2	53.8	47.4	58.5	54.7	61.9	57.6	60.7	57.6	54.7	51.3	55.2	70.1	64.1	
50-59								50.9	54.6	86.5	67.8	67.3	54.6	63.1	81.3	70.5	71.5	81.3	83.3	80.3	88.9	82.8	76	80.2	90.9	96.2	
60-64								38.4	77.3	92.3	106.8	98.8	103.3	89.3	69	81.7	96.4	108.9	108.2	108.4	114.1	103.1	89.4	100.3	122.8	111.9	
65-69								52.7	153.1	102.6	114.1	118.5	80.5	72.1	107	104.8	139.5	140.8	98.7	115.3	119.9	113.1	99.4	115.3	138.3	127.7	
70-79								274.8	453.2	60.5	206.5	116.3	56.1	154.9	150.3	124.4	159.8	150.6	156.9	164	142.2	120.5	131.8	162.3	164.3	164.4	
80+											475.6	0		238.4	379.5	292.8	301.1		100.8	74.2	332.7	187.4	184.9	203.6	207.2		
Male								31.6	45.7	50.2	52.3	48.8	49.7	50.2	53.6	54.3	61.2	64.6	64.5	72.2	69.3	70.4	64.9	75.6	84.1	85.1	
Female								25.6	37.9	44.5	38.1	45.9	37.8	48.6	50.5	57.5	61.2	70.3	67.4	67	72.2	67.2	64.5	67.1	88.7	83.7	
White								31.2	40.2	53.8	52.6	56.4	54.3	57	58.6	65.1	72	74.3	75.3	83.5	78.6	78.3	72.9	82.8	97.1	96.8	
Af Am								22.5	45.8	37	37.6	36.1	32.2	38.8	45.7	45.5	50.2	58.3	53.8	57.1	62.6	59.4	57.4	61.2	77.3	73.4	
Other race								47.4	42.3	39.5	25	24.2	18.9	41.4	32.9	34.2	36.8	60.2	61.9	47.1	57.9	57.9	50.8	59.5	62.8	64.8	
†Hispanic																	46.8	48.4	61.3	60.8	53.8	61.9	61.9	65.9	73.7	75.6	
†Non-Hisp.																	62.9	69.5	66.4	71.4	73.2	70.3	65.2	73.1	88.4	86.3	
Diabetes								89.3	93.2	118.9	106.5	100.8	91.1	99.4	102	101.4	114.2	119.5	122.6	125.5	118.8	119.3	105.4	108.5	127	126.8	
HTN								27.6	36.7	29.2	41.2	38.9	38.4	39.1	50.1	47.1	52.7	65.3	54.3	56.4	63.7	61.6	58	60.2	75.3	69.2	
GN								14.1	27.3	29.9	32	29.9	28.5	33.8	29.8	33.5	40.4	38.3	37.2	42.4	41.8	40.1	37.6	51.7	57.2	54.2	
Other cause								27.6	39.5	45	33.9	43.4	36.3	38.3	40.6	51.4	46.5	52.4	52.9	57.1	55.9	48.1	49.5	57.3	71	71.2	
<2 years								31	34	43.6	33	36.6	36.6	41.2	46.5	44.9	49.9	54.1	52.7	54.5	52.6	53	44.9	47.6	56.9	53.8	
2-<5 years								23.2	55.4	53.8	56.8	55.7	51.5	60.8	56.1	65.7	70.8	73.6	70.7	75.5	77.4	79	74.5	76	86.5	84.5	
5+ years								31.5	39	46.7	51.7	52.8	47.4	48.7	55.7	58.5	63.4	74	73.2	78.4	79.1	71.4	68.8	84.8	104.7	104.4	
All								28.7	42.1	47.6	46.1	47.5	44.5	49.5	52.3	55.7	61.2	67.1	65.7	70	70.5	69	64.7	72	86	84.5	
<b>ADJUSTED</b>																											
0-19									54.4	52.7		34.4	27.2	17.9	22.2	34.4	47.8	53.3	51.2	41.4	47.9	54.6	47.9	39.9	37		
20-44									49.9	51.7		45.8	46.6	47.6	50.3	53.8	58.3	59.1	60.2	55.2	50.8	46.1	46	56.3	53.5		
45-64									100.6	83		74.4	81.4	82.4	82	84.7	89.7	87	90.7	89.3	83.9	73.7	78.5	91.3	88.6		
65-74									137.1	137.1		89	101.4	119.9	123.6	150.1	163.8	131.9	133.6	131.6	119.6	107.1	120.6	140.7	134.5		
75+									150.3	58.4		174.9	257.7	197.7	166.6	131.8	202.4	182.6	212.9	157.9	139.1	134.4	159	180.2	197.7		
Male									113.6	89.7		104.6	127.2	112	104.7	101.9	114.2	102.2	116.4	101.1	95.2	83.8	96.6	108.2	107.5		
Female									102.7	73.3		60.4	78.7	91.2	86.6	95.8	115.6	107.2	103.3	98.3	88.4	82.1	85	103.1	98.7		
White									137.3	98.8		103.5	129.3	126.7	109.8	115.8	129.4	118.2	128.1	112.5	102.6	91.2	101.7	116.3	113.9		
Af Am									55	59.9		52.1	59.5	59.9	68.7	72.7	96	81	83	79.2	75.2	71.2	74.9	90.2	88.7		
Other race									93.2	62.9		49.4	79.6	76.6	108.6	76	81.5	91.6	80.1	77.7	75.2	62.2	72.9	84.9	80.1		
Diabetes									163.3	121.3		124.8	166.8	156.7	135.6	141.6	161	140.1	155.2	140.3	130.3	116.1	121.6	136.1	134.4		
HTN									81.2	64.7		65.8	79	86.6	79.1	83.5	105.2	99.7	98.9	85.8	80.8	72.9	80.6	96.9	89.3		
GN									60.5	55.6		60.4	56.6	60	66.5	73.6	87.8	78	74.5	70.4	60.3	57.6	71.9	83.4	85.7		
Other cause									90.9	72.9		67.4	70.6	61.8	73.5	68.2	71.7	73.4	84.4	76.3	69.4	63	72.2	86.7	91.4		
<2 years									80.3	51.7		56.7	74.3	78	70.1	71.3	82	74.1	77.5	68.4	64.2	56.7	60.7	70	67.2		
2-<5 years									121.9	96		95.8	125.3	110.3	106.5	109.5	124.5	109.5	115.3	103.6	99.2	92.2	98.7	110.1	105.8		
5+ years									147.6	120.8		124.8	146.5	145.6	132.3	139.2	169.8	158.1	170.5	152.4	135.6	120.4	139	165.9	167.5		
All									107.7	82.5		84	104.4	102.2	95.6	99	115.1	104.7	110.4	99.4	92	82.8	91	105.7	103.3		

Table H.9

**Total patient deaths: dialysis patients, returned to dialysis from transplant**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
15-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
20-29	20	29	21	25	38	31	37	47	52	64	72	75	80	56	63	61	78	68	80	77	84	87	84	83	78	84		
30-39	31	30	45	48	76	103	114	140	155	177	162	206	201	208	203	214	234	241	234	226	237	254	222	202	205	230		
40-49	25	34	40	54	70	102	104	143	179	203	255	255	282	301	295	337	386	461	400	474	495	516	503	531	515	491		
50-59	25	28	36	56	71	65	114	110	151	144	182	212	225	242	325	354	337	361	430	483	484	546	589	618	647	642		
60-64	*	*	*	*	*	32	27	30	42	54	64	66	86	104	103	111	121	159	175	179	189	223	212	247	280	285		
65-69	.	.	.	.	.	11	14	*	32	26	35	39	35	82	63	110	97	106	123	126	171	166	160	198	214	224		
70-79	*	.	.	.	.	*	*	*	*	12	15	20	25	31	46	44	63	73	98	101	120	146	176	154	181	229		
80+	*	.	.	.	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	13	*	12	19		
0-19	*	*	*	*	*	12	*	11	18	14	16	15	12	16	15	13	16	11	*	14	*	12	13	*	*	13		
20-44	66	76	83	97	153	182	193	261	300	352	369	413	417	416	399	439	494	536	510	495	552	567	560	501	515	528		
45-64	43	49	65	92	112	151	203	209	279	290	366	401	457	495	590	638	662	754	809	944	937	1,059	1,050	1,180	1,210	1,204		
65-74	*	*	*	*	*	14	20	13	37	36	47	56	53	101	96	145	141	157	193	197	254	272	290	310	351	380		
75+	*	.	.	.	.	*	.	*	.	*	*	*	*	17	20	15	20	23	31	34	42	47	59	49	56	92		
Male	75	91	98	119	177	249	287	320	394	429	499	535	601	622	649	714	806	841	897	998	1,038	1,165	1,139	1,151	1,252	1,279		
Female	41	42	58	77	103	112	136	176	240	265	302	354	347	423	471	536	527	640	656	686	756	792	833	899	888	938		
White	91	96	115	131	213	261	286	325	438	482	536	578	648	714	718	822	908	959	1,008	1,048	1,136	1,251	1,246	1,260	1,306	1,346		
Af Am	21	33	35	54	60	92	124	153	183	196	242	289	280	310	368	398	390	477	497	584	594	644	657	708	753	783		
N Am	.	.	.	*	*	*	*	*	*	*	*	*	12	*	14	15	11	11	16	13	20	15	21	20	22	23		
Asian	.	.	.	.	*	*	*	*	*	*	14	12	*	12	19	15	24	34	32	39	42	46	47	59	58	60		
Other/unk.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.	.	.	.	.	.	*	*	*	*	*	
†Hispanic	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	92	102	122	150	137	164	169	159	173	205
†Non-Hisp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1,241	1,379	1,431	1,534	1,657	1,793	1,803	1,891	1,967	2,012
Diabetes	20	14	27	38	51	67	77	106	135	154	188	200	226	254	268	276	320	340	387	438	462	495	481	503	541	595		
HTN	*	*	20	30	36	57	60	64	101	120	137	175	186	221	272	300	288	328	342	402	381	438	456	455	513	486		
GN	26	24	36	48	69	85	122	128	171	180	228	255	230	291	290	349	373	422	423	431	506	539	533	615	585	638		
Cystic kidney	*	*	*	*	12	20	24	22	36	33	40	46	58	53	55	72	95	113	96	102	102	116	102	114	130	124		
Oth. urologic	*	*	*	*	*	*	13	11	*	*	11	19	24	26	27	30	34	43	44	56	62	74	61	59	74			
Other cause	*	15	12	14	27	39	59	65	96	95	128	145	155	156	158	167	179	208	216	232	248	258	287	251	263	263		
Unk. cause	*	15	15	*	30	29	21	33	34	46	44	34	49	32	43	57	46	36	44	34	38	49	39	51	48	37		
Missing	39	48	39	45	52	56	58	65	50	56	32	23	25	14	*	*	*	.	.	.	.	.	.	.	.	.		
<2 years	27	21	19	16	24	21	16	23	42	55	38	47	37	40	38	25	25	16	12	13	11	17	*	19	*	*		
2-<5 years	67	84	100	84	98	133	132	158	164	189	199	207	206	183	205	163	181	158	165	161	146	140	126	128	142	121		
5+ years	22	28	37	96	158	207	275	315	428	450	564	635	705	822	877	1,062	1,127	1,307	1,376	1,510	1,637	1,800	1,836	1,903	1,988	2,086		
All	116	133	156	196	280	361	423	496	634	694	801	889	948	1,045	1,120	1,250	1,333	1,481	1,553	1,684	1,794	1,957	1,972	2,050	2,140	2,217		
All with unknowns dropped	104	116	137	177	247	331	396	456	596	646	755	851	897	1,011	1,076	1,193	1,287	1,445	1,509	1,650	1,754	1,907	1,932	1,996	2,091	2,175		









Table H.13

**Total patient deaths: hemodialysis patients, never on transplant waitlist**

by demographic characteristics, primary diagnosis, & patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	21	25	14	25	18	25	11	18	14	11	*	17	22	15	*	* 12	13	*	* 14	*	* 12	*	* 19	*	*	*	
20-29	199	223	210	190	200	218	223	215	257	276	247	224	264	238	201	199	221	214	178	188	194	216	216	203	221	208	
30-39	435	465	532	521	617	674	692	820	814	823	887	867	892	943	939	975	965	880	880	954	893	907	907	890	814	806	
40-49	729	774	774	862	924	1,041	1,085	1,179	1,226	1,292	1,467	1,535	1,745	1,762	1,875	2,006	2,066	2,217	2,301	2,512	2,531	2,720	2,815	2,824	2,734	2,860	
50-59	1,456	1,582	1,749	2,026	2,064	2,265	2,340	2,397	2,609	2,727	2,775	2,859	3,217	3,392	3,616	3,812	3,994	4,305	4,640	5,318	5,461	5,925	6,263	6,479	6,527	6,545	
60-64	1,063	1,148	1,348	1,466	1,763	1,996	2,103	2,214	2,439	2,545	2,588	2,788	3,007	3,026	3,204	3,415	3,459	3,601	3,932	4,274	4,389	4,544	4,628	5,105	4,996	4,970	
65-69	1,239	1,352	1,464	1,748	1,969	2,271	2,597	2,719	3,137	3,540	3,797	4,007	4,365	4,707	4,940	5,105	5,451	5,735	6,108	6,472	6,598	6,878	6,904	7,054	6,980	7,026	
70-79	1,517	1,853	2,146	2,523	3,318	3,800	4,194	4,779	5,440	6,190	6,916	7,666	8,956	10,039	10,480	11,673	12,788	13,853	15,323	16,898	17,369	18,047	18,521	18,786	18,696	18,687	
80+	311	390	512	596	901	1,075	1,323	1,558	1,978	2,367	2,632	3,196	3,781	4,435	5,015	5,584	6,365	7,183	8,281	9,495	10,403	11,410	12,497	13,284	13,936	14,863	
0-19	35	35	22	31	25	35	24	30	27	24	20	30	37	30	18	22	17	17	19	22	14	17	13	32	14	*	
20-44	947	1,025	1,069	1,058	1,232	1,310	1,380	1,568	1,568	1,666	1,782	1,769	1,933	1,962	1,973	2,048	2,032	1,974	1,985	2,149	2,077	2,109	2,204	2,166	2,043	2,065	
45-64	2,935	3,167	3,544	4,007	4,336	4,884	5,063	5,257	5,777	5,997	6,182	6,504	7,192	7,399	7,862	8,359	8,673	9,243	9,946	11,097	11,391	12,203	12,625	13,335	13,249	13,324	
65-74	2,159	2,498	2,758	3,256	3,888	4,456	4,951	5,401	6,140	6,888	7,499	8,156	9,328	10,167	10,729	11,350	12,140	12,844	13,864	14,834	15,080	15,597	15,891	15,982	15,800	15,796	
75+	908	1,097	1,364	1,611	2,300	2,690	3,163	3,655	4,415	5,209	5,846	6,713	7,774	9,014	9,706	11,012	12,464	13,927	15,848	18,031	19,290	20,738	22,031	23,142	23,812	24,780	
Male	3,905	4,441	4,885	5,532	6,398	7,344	7,950	8,635	9,586	10,525	11,138	11,942	13,471	14,585	15,520	16,728	18,063	19,300	21,291	23,583	24,564	26,089	27,339	28,593	29,100	29,733	
Female	3,079	3,381	3,872	4,431	5,383	6,031	6,631	7,276	8,341	9,259	10,191	11,230	12,793	13,987	14,768	16,063	17,263	18,705	20,371	22,550	23,288	24,575	25,425	26,064	25,818	26,242	
White	4,952	5,587	6,203	6,953	8,241	9,200	9,844	10,779	12,083	13,091	14,308	15,563	17,701	19,035	19,885	21,394	22,959	24,696	27,209	29,872	31,208	33,029	34,756	35,832	35,889	36,777	
Af Am	1,863	2,037	2,310	2,765	3,248	3,844	4,342	4,694	5,367	6,157	6,416	6,978	7,830	8,739	9,380	10,219	10,884	11,623	12,553	14,056	14,328	15,257	15,477	16,206	16,359	16,422	
N Am	18	26	50	54	87	96	124	142	157	188	235	230	256	292	323	339	421	428	466	534	611	583	641	621	596	648	
Asian	*	*	33	46	92	133	183	217	228	249	351	375	450	483	666	782	905	999	1,095	1,242	1,244	1,340	1,468	1,558	1,632	1,678	
Other/unk.	144	165	161	145	113	102	88	79	92	99	19	26	27	23	34	57	157	259	339	429	461	455	422	440	442	450	
†Hispanic																											
‡Non-Hisp.																											
Diabetes	851	1,127	1,590	2,159	2,668	3,405	3,994	4,681	5,417	6,187	7,249	8,272	9,749	10,823	11,791	13,278	14,974	16,518	18,781	21,497	22,262	24,075	25,009	26,147	26,340	26,892	
HTN	913	1,221	1,645	2,127	2,796	3,388	3,796	4,528	5,345	6,071	6,779	7,566	8,520	9,630	10,309	10,984	11,216	11,895	12,798	13,781	14,343	14,907	15,643	16,157	16,489	16,963	
GN	730	879	1,073	1,213	1,453	1,609	1,803	2,006	2,298	2,325	2,509	2,569	2,782	2,851	2,877	3,100	3,144	3,299	3,406	3,623	3,633	3,655	3,775	3,667	3,438	3,387	
Cystic kidney	207	260	280	326	373	430	502	456	522	547	572	539	572	598	595	617	641	674	631	690	665	779	727	733	702	671	
Oth. urologic	100	144	224	295	320	417	533	592	626	703	710	664	758	773	673	783	952	1,019	1,095	1,229	1,299	1,370	1,441	1,493	1,503	1,457	
Other cause	603	653	768	968	1,160	1,323	1,457	1,608	1,647	1,808	1,977	2,130	2,270	2,507	2,669	2,757	3,081	3,189	3,378	3,709	3,820	3,993	4,240	4,386	4,321	4,369	
Unk. cause	714	777	857	770	835	1,022	992	991	1,160	1,283	1,085	1,042	1,167	1,112	1,086	1,178	1,241	1,347	1,503	1,528	1,746	1,837	1,893	1,981	1,984	2,019	
Missing	2,866	2,761	2,320	2,105	2,176	1,781	1,504	1,049	912	860	448	390	446	278	288	94	77	64	70	76	84	48	36	93	141	217	
<2 years	4,304	4,605	4,980	5,676	6,852	7,626	8,141	8,982	10,229	11,253	12,314	13,449	15,203	16,139	16,816	17,514	18,917	20,005	22,456	25,010	25,659	26,855	27,593	28,337	28,118	28,547	
2-<5 years	2,273	2,606	2,968	2,832	3,130	3,609	3,957	4,165	4,630	5,141	5,469	6,029	7,053	7,948	8,694	9,801	10,544	11,451	12,130	13,262	13,818	14,805	15,716	16,343	16,470	16,817	
5+ years	407	611	809	1,455	1,799	2,140	2,483	2,764	3,068	3,390	3,546	3,694	4,008	4,485	4,778	5,476	5,865	6,549	7,076	7,861	8,375	9,004	9,455	9,977	10,330	10,611	
All	6,984	7,822	8,757	9,963	11,781	13,375	14,581	15,911	17,927	19,784	21,329	23,172	26,264	28,572	30,288	32,791	35,326	38,005	41,662	46,133	47,852	50,664	52,764	54,657	54,918	55,975	
All with unknowns dropped	6,139	6,893	7,756	9,059	10,837	12,261	13,506	14,851	16,682	18,420	20,225	22,106	25,073	27,441	29,168	31,558	33,933	36,405	39,830	44,186	45,659	48,384	50,458	52,250	52,505	53,523	



Table H.15

**Total patient deaths: hemodialysis patients on transplant waitlist**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20-29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30-39	12	23	35	58	64	63	65	67	81	110	113	130	150	125	159	142	171	218	210								
40-49	13	35	48	58	63	65	116	108	154	180	205	215	275	302	297	319	368	493	473								
50-59	18	35	61	59	74	69	96	156	152	181	259	306	342	454	528	549	665	804	911								
60-64	.	.	.	17	27	26	33	35	39	59	76	112	142	161	222	259	279	343	459	452							
65-69	.	.	.	.	14	14	11	20	37	56	77	100	82	128	151	195	218	294	394	395							
70-79	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20-44	25	50	71	110	111	113	134	143	177	212	238	270	301	297	321	330	357	485	459								
45-64	25	64	104	110	132	136	196	256	293	361	485	561	668	844	969	1,001	1,242	1,551	1,657								
65-74	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
75+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Male	30	83	108	156	157	165	219	270	321	405	506	562	721	813	957	1,005	1,312	1,555	1,677								
Female	24	51	79	86	107	102	146	186	232	285	363	411	467	577	652	715	821	1,187	1,178								
Unk.																											
White	37	82	125	166	180	185	236	278	336	422	495	582	698	776	905	980	1,208	1,550	1,618								
Af Am	14	48	54	70	76	76	109	162	192	238	320	320	429	521	593	631	764	1,008	1,033								
N Am	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Asian	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
†Hispanic																											
†Non-Hisp.																											
Diabetes	18	36	61	80	91	92	152	159	187	263	348	454	522	627	766	816	978	1,258	1,359								
HTN	.	24	26	48	48	52	64	111	122	157	209	192	246	302	354	379	442	588	585								
GN	.	32	40	58	54	52	72	83	110	134	141	141	189	213	227	233	334	389	389								
Cystic kidney	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Oth. urologic	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other cause	.	19	28	24	32	41	48	61	68	74	106	111	143	118	150	160	190	281	275								
Unk. cause	.	.	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Missing	.	14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<2 years	18	34	60	64	73	85	113	139	149	180	218	260	275	311	341	303	325	411	420								
2-<5 years	14	51	60	88	88	84	141	154	194	260	326	359	464	544	708	784	885	1,056	1,060								
5+ years	22	49	67	90	103	98	111	163	210	250	325	354	449	535	560	633	923	1,275	1,375								
All	54	134	187	242	264	267	365	456	553	690	869	973	1,188	1,390	1,609	1,720	2,133	2,742	2,855								
All with unknowns dropped	52	129	173	235	255	255	352	437	529	665	848	942	1,145	1,334	1,565	1,668	2,049	2,643	2,753								



Table H.17

**Total patient deaths: hemodialysis patients, returned to dialysis from transplant**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20-29	17	28	20	23	34	25	30	38	45	53	56	58	64	43	49	49	54	48	54	55	71	75	73	69	61	69	
30-39	31	29	43	46	68	84	93	118	121	142	133	159	149	155	158	171	183	178	180	179	185	216	187	172	171	207	
40-49	24	32	39	49	61	81	83	122	142	152	199	205	213	234	215	260	298	366	324	371	411	432	426	455	442	433	
50-59	25	25	34	55	62	57	96	98	124	117	163	181	188	196	258	278	265	298	364	416	417	487	524	552	583	576	
60-64	*	*	*	*	*	31	25	23	34	43	56	51	69	84	91	90	101	128	154	162	171	204	192	228	254	253	
65-69	.	*	*	*	*	*	11	*	25	22	26	34	30	68	56	91	78	88	111	115	158	152	146	176	195	205	
70-79	*	.	.	.	.	*	*	*	*	11	11	16	23	29	33	36	56	63	86	83	112	133	156	143	167	205	
80+	*	.	.	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	12	*	12	16	
0-19	*	*	*	*	*	*	*	*	11	*	*	*	*	*	*	*	*	*	*	*	11	*	*	11	*	*	*
20-44	62	73	80	93	134	147	157	217	238	275	285	323	314	317	296	335	379	401	390	386	440	476	474	426	428	465	
45-64	43	45	61	85	99	131	170	182	228	232	322	331	369	395	475	513	522	617	686	797	815	938	928	1,050	1,083	1,073	
65-74	*	*	*	*	*	13	16	11	28	31	35	47	46	86	77	120	116	130	171	173	234	246	258	280	320	341	
75+	*	.	.	.	.	*	.	*	.	*	*	*	*	16	19	13	19	22	29	28	41	45	56	46	54	85	
Male	73	88	93	113	156	212	238	283	314	344	422	441	482	491	521	566	646	689	758	846	907	1,032	1,011	1,032	1,125	1,156	
Female	39	38	56	70	89	86	110	135	191	202	231	272	262	332	355	421	400	488	524	549	627	681	716	778	764	818	
Unk.																											
White	87	93	109	120	180	210	224	258	330	359	423	442	486	536	526	620	687	735	816	844	947	1,076	1,066	1,100	1,130	1,175	
Af Am	21	30	34	53	59	82	111	144	165	173	210	252	240	270	326	344	330	410	433	509	533	584	601	638	690	718	
N Am	.	.	.	*	*	*	*	*	*	*	*	*	11	*	11	11	*	*	12	11	20	11	19	19	20	22	
Asian	.	.	.	.	.	*	*	*	*	*	12	*	*	*	12	12	20	24	21	31	33	41	41	51	48	54	
Other/unk.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.	.	.	.	.	*	*	.	*	*	*
†Hispanic																	73	83	102	119	118	142	148	143	152	187	
†Non-Hisp.																	973	1,094	1,180	1,276	1,416	1,571	1,579	1,667	1,737	1,787	
Diabetes	19	14	26	37	43	53	56	81	98	111	139	141	163	188	192	201	244	257	320	353	390	417	421	452	481	532	
HTN	*	*	20	28	33	47	52	56	89	98	123	154	154	191	234	242	239	284	287	357	343	390	407	414	461	445	
GN	24	23	35	42	59	68	101	113	134	140	187	213	183	225	216	279	282	330	334	353	428	475	453	521	515	552	
Cystic kidney	*	*	*	*	11	16	17	19	28	25	33	38	43	34	43	55	72	89	85	88	94	107	93	101	117	108	
Oth. urologic	*	*	*	*	*	*	*	11	*	*	*	*	14	23	20	23	23	26	37	36	50	53	70	56	52	64	
Other cause	*	13	12	13	24	33	49	53	76	74	100	116	129	126	131	137	144	162	178	180	196	230	248	223	220	236	
Unk. cause	*	15	14	*	26	23	21	28	30	43	40	23	37	25	34	48	40	29	39	27	32	41	35	43	42	37	
Missing	38	44	36	45	47	50	50	57	42	49	27	20	21	11	*	*	.	.	.	*	*	.	.	.	.	.	
<2 years	25	20	18	15	20	18	11	14	28	31	24	29	27	23	23	15	16	*	*	*	*	12	*	14	*	*	
2-<5 years	66	79	95	78	84	105	106	138	124	136	156	153	153	135	151	114	134	107	124	127	110	120	107	114	118	103	
5+ years	21	27	36	90	141	175	231	266	353	379	473	531	564	665	702	858	896	1,060	1,150	1,260	1,414	1,581	1,613	1,682	1,766	1,865	
All	112	126	149	183	245	298	348	418	505	546	653	713	744	823	876	987	1,046	1,177	1,282	1,395	1,534	1,713	1,727	1,810	1,889	1,974	
All with unknowns dropped	100	110	131	167	217	274	321	384	471	501	611	686	705	796	841	939	1,006	1,148	1,243	1,368	1,501	1,671	1,692	1,765	1,846	1,932	





Table H.19

**Total patient deaths: CAPD/CCPD patients**

by demographic characteristics, primary diagnosis, & patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14	.	.	.	.	.	.	11	12
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	.	.	.	.	.	.	.	.	11	.	.	.	.	.	11	15	.	.	.	.	12	.	.	.	.	.	.
20-29	.	.	14	26	36	38	54	39	65	62	57	68	63	66	87	71	76	62	63	62	42	47	47	63	51	39	
30-39	.	23	53	58	97	143	177	184	209	216	205	230	286	317	323	324	302	284	222	211	201	174	199	146	150	130	
40-49	13	24	55	111	167	194	278	267	297	297	357	394	512	546	572	632	635	588	544	485	463	448	442	396	411	331	
50-59	23	46	122	199	263	393	445	474	541	543	560	650	741	820	911	1,022	1,032	1,033	998	922	887	853	804	809	791	737	
60-64	11	27	85	149	220	278	373	403	443	455	506	559	600	702	672	695	774	755	709	624	583	547	513	511	540	488	
65-69	.	37	88	166	191	294	383	465	540	522	587	713	784	903	902	1,019	1,012	971	881	764	759	739	657	636	599	565	
70-79	.	38	127	218	257	399	521	629	729	761	866	989	1,225	1,380	1,615	1,676	1,829	1,684	1,656	1,553	1,471	1,341	1,286	1,241	1,257	1,202	
80+	.	.	32	57	64	95	129	148	189	211	232	281	333	383	456	547	565	588	546	505	496	520	533	570	559	574	
0-19	.	.	.	12	19	24	15	17	23	22	24	28	26	19	26	31	31	30	21	29	21	21	20	26	22	23	
20-44	16	41	93	130	220	271	347	346	406	424	424	492	584	622	673	676	649	596	516	472	437	410	419	361	359	301	
45-64	42	83	236	413	563	775	980	1,021	1,149	1,149	1,261	1,409	1,618	1,829	1,892	2,068	2,170	2,126	2,020	1,832	1,739	1,659	1,586	1,564	1,584	1,424	
65-74	22	59	164	299	349	536	702	833	959	965	1,087	1,291	1,515	1,679	1,859	2,032	2,068	1,949	1,805	1,625	1,588	1,470	1,346	1,306	1,284	1,219	
75+	16	24	83	142	163	252	331	409	499	529	598	692	827	987	1,114	1,210	1,338	1,294	1,278	1,197	1,138	1,130	1,130	1,141	1,131	1,122	
Male	50	112	322	489	735	978	1,338	1,419	1,662	1,693	1,870	2,159	2,583	2,764	2,993	3,282	3,390	3,192	2,982	2,682	2,607	2,478	2,367	2,408	2,394	2,202	
Female	47	99	261	507	579	880	1,037	1,207	1,374	1,396	1,524	1,753	1,987	2,372	2,571	2,735	2,866	2,803	2,658	2,473	2,316	2,212	2,134	1,990	1,986	1,887	
Unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
White	79	182	468	794	1,059	1,489	1,930	2,106	2,458	2,503	2,703	3,100	3,653	4,072	4,364	4,628	4,755	4,622	4,328	3,928	3,732	3,553	3,438	3,292	3,270	3,127	
Af Am	15	28	106	187	230	322	396	476	503	526	603	742	828	954	1,060	1,227	1,263	1,126	1,076	972	938	911	848	858	876	776	
N Am	.	.	.	.	11	23	22	29	43	38	46	39	43	51	65	57	73	59	58	60	47	47	44	61	53	41	
Asian	.	.	.	.	.	18	19	.	22	17	38	29	46	59	73	100	146	141	122	144	146	136	136	147	139	119	
Other/unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	19	47	56	51	60	43	35	40	42	26
†Hispanic	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	362	464	471	411	422	464	425	452	428	369
†Non-Hisp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5,894	5,531	5,169	4,744	4,501	4,226	4,076	3,946	3,952	3,720
Diabetes	41	78	200	363	418	611	831	960	1,050	1,093	1,351	1,572	1,878	2,208	2,443	2,652	2,903	2,874	2,755	2,491	2,369	2,287	2,179	2,072	2,057	1,925	
HTN	19	36	134	232	263	451	489	587	720	753	856	1,038	1,230	1,424	1,496	1,652	1,585	1,495	1,339	1,212	1,180	1,166	1,044	1,088	1,107	1,028	
GN	.	23	80	110	159	250	339	356	447	476	487	505	600	589	692	695	759	704	674	640	541	492	489	494	452	444	
Cystic kidney	.	.	11	37	60	66	89	94	108	114	104	111	125	154	146	180	152	160	152	132	122	110	119	98	100	99	
Oth. urologic	.	.	18	26	40	46	68	72	77	72	76	87	96	87	101	100	126	125	108	113	130	117	115	97	131	112	
Other cause	16	21	48	101	134	175	245	273	296	273	317	368	420	485	484	549	543	461	438	411	422	375	394	404	391	332	
Unk. cause	.	26	53	79	81	119	143	138	178	156	121	166	167	150	165	177	174	170	170	153	154	139	153	140	132	140	
Missing	.	13	39	48	159	140	171	146	160	152	82	65	54	39	37	12	14	.	.	.	.	.	.	.	.	.	
<2 years	92	191	501	833	932	1,278	1,504	1,685	1,883	1,898	2,130	2,431	2,801	3,073	3,250	3,335	3,373	3,152	2,860	2,592	2,461	2,360	2,229	2,198	2,077	1,900	
2-~5 years	.	18	66	119	271	425	612	642	786	811	849	1,009	1,213	1,468	1,631	1,957	2,017	2,021	1,920	1,707	1,622	1,523	1,452	1,434	1,488	1,418	
5+ years	.	.	16	44	111	155	259	299	367	380	415	472	556	595	683	725	866	822	860	856	840	807	820	766	815	771	
All	97	211	583	996	1,314	1,858	2,375	2,626	3,036	3,089	3,394	3,912	4,570	5,136	5,564	6,017	6,256	5,995	5,640	5,155	4,923	4,690	4,501	4,398	4,380	4,089	
All with unknowns dropped	87	184	526	915	1,225	1,733	2,226	2,481	2,848	2,928	3,269	3,744	4,403	4,986	5,397	5,835	6,064	5,778	5,415	4,951	4,710	4,508	4,315	4,220	4,206	3,923	



Table H.21

**Total patient deaths: CAPD/CCPD patients, never on transplant waitlist**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13	*	*	*	*	*	*	11	11
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12	*	*	*	*	*	*	*	*	*	*
20-29	*	*	14	26	36	38	54	38	61	59	54	59	54	51	69	53	52	36	34	39	27	28	29	45	22	18	
30-39	*	23	53	58	97	143	177	178	192	195	182	199	247	266	258	258	230	210	156	145	124	112	131	94	91	82	
40-49	13	24	55	111	167	194	278	262	278	277	335	357	443	489	480	522	519	457	407	348	348	318	328	265	269	206	
50-59	23	46	122	199	263	393	445	470	528	522	543	620	702	768	840	916	910	898	853	766	739	695	660	635	571	514	
60-64	11	27	85	149	220	278	373	401	439	450	497	541	574	677	644	663	708	691	635	559	511	478	446	438	449	375	
65-69	*	37	88	166	191	294	383	465	537	518	583	706	778	885	885	1,002	965	923	836	718	708	676	610	573	516	491	
70-79	19	38	127	218	257	399	521	629	729	761	865	986	1,225	1,378	1,606	1,670	1,820	1,666	1,627	1,521	1,434	1,309	1,243	1,178	1,200	1,137	
80+	*	*	32	57	64	95	129	148	189	211	232	281	333	383	455	547	565	587	546	504	495	520	531	568	558	570	
0-19	*	*	*	12	19	24	15	17	21	18	19	21	22	12	19	26	25	23	16	24	15	15	13	19	17	19	
20-44	16	41	93	130	220	271	347	338	373	389	387	432	501	526	526	538	503	428	355	327	292	266	282	238	208	181	
45-64	42	83	236	413	563	775	980	1,011	1,125	1,114	1,224	1,344	1,519	1,725	1,765	1,874	1,916	1,864	1,730	1,530	1,457	1,365	1,312	1,239	1,194	1,014	
65-74	22	59	164	299	349	536	702	833	956	961	1,082	1,281	1,509	1,660	1,834	2,009	2,015	1,886	1,740	1,551	1,507	1,381	1,262	1,199	1,162	1,097	
75+	16	24	83	142	163	252	331	409	499	529	598	692	827	986	1,112	1,210	1,335	1,290	1,269	1,192	1,130	1,124	1,122	1,120	1,112	1,101	
Male	50	112	322	489	735	978	1,338	1,406	1,625	1,651	1,823	2,080	2,465	2,638	2,829	3,081	3,131	2,939	2,700	2,401	2,361	2,189	2,101	2,095	2,019	1,828	
Female	47	99	261	507	579	880	1,037	1,202	1,349	1,360	1,487	1,690	1,913	2,271	2,427	2,576	2,663	2,552	2,410	2,223	2,040	1,962	1,890	1,720	1,674	1,584	
Unk.																											
White	79	182	468	794	1,059	1,489	1,930	2,095	2,415	2,440	2,637	2,986	3,500	3,903	4,136	4,365	4,425	4,282	3,981	3,559	3,403	3,201	3,113	2,923	2,842	2,660	
Af Am	15	28	106	187	230	322	396	470	487	515	588	717	796	901	992	1,142	1,153	986	927	843	779	767	699	691	668	609	
N Am	*	.	*	*	11	23	22	28	42	36	45	38	39	50	59	50	66	53	52	52	47	39	36	49	41	34	
Asian	.	.	.	*	*	18	19	*	22	16	36	27	43	55	67	95	132	125	97	123	121	104	113	119	104	86	
Other/unk.	*	*	*	*	*	*	*	*	*	*	*	*	*	.	.	*	*	18	45	53	47	51	40	30	33	38	23
†Hispanic																		325	429	425	364	361	407	350	374	346	274
†Non-Hisp.																		5,469	5,062	4,685	4,260	4,040	3,744	3,641	3,441	3,347	3,138
Diabetes	41	78	200	363	418	611	831	951	1,018	1,055	1,309	1,512	1,785	2,119	2,300	2,497	2,697	2,663	2,545	2,260	2,165	2,030	1,959	1,844	1,771	1,625	
HTN	19	36	134	232	263	451	489	585	715	748	849	1,017	1,197	1,383	1,443	1,592	1,520	1,405	1,242	1,132	1,083	1,055	954	985	982	921	
GN	*	23	80	110	159	250	339	351	437	461	470	482	568	546	640	638	661	605	553	525	439	413	389	352	312	309	
Cystic kidney	*	*	11	37	60	66	89	93	107	106	101	107	115	138	132	152	130	133	124	105	101	92	100	75	74	68	
Oth. urologic	*	*	18	26	40	46	68	72	77	72	76	86	94	85	95	95	118	118	101	104	125	105	107	90	110	93	
Other cause	16	21	48	101	134	175	245	273	288	267	308	348	405	455	451	506	496	401	382	357	344	325	331	339	319	266	
Unk. cause	*	26	53	79	81	119	143	138	176	154	117	160	161	145	160	166	158	160	159	138	140	127	143	125	115	121	
Missing	*	13	39	48	159	140	171	145	156	148	80	58	53	38	35	11	14	*	*	*	*	*	*	*	*	*	
<2 years	92	191	501	833	932	1,278	1,504	1,677	1,857	1,866	2,094	2,381	2,745	3,003	3,144	3,234	3,244	3,008	2,749	2,470	2,346	2,228	2,127	2,073	1,924	1,766	
2-<5 years	*	18	66	119	271	425	612	637	766	775	817	948	1,130	1,389	1,529	1,817	1,838	1,847	1,714	1,520	1,429	1,333	1,273	1,229	1,236	1,164	
5+ years	*	*	16	44	111	155	259	294	351	370	399	441	503	517	583	606	712	636	647	634	626	590	591	513	533	482	
All	97	211	583	996	1,314	1,858	2,375	2,608	2,974	3,011	3,310	3,770	4,378	4,909	5,256	5,657	5,794	5,491	5,110	4,624	4,401	4,151	3,991	3,815	3,693	3,412	
All with unknowns dropped	87	184	526	915	1,225	1,733	2,226	2,463	2,790	2,853	3,189	3,608	4,217	4,764	5,094	5,486	5,618	5,286	4,898	4,439	4,211	3,984	3,820	3,658	3,540	3,268	



Table H.23

**Total patient deaths: CAPD/CCPD patients, on transplant waitlist**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	*	*	.	.	.	.	.	.	*	
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20-29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30-39	.	.	.	.	.	.	.	.	*	12	12	*	11	17	28	32	37	40	32	34	41	41	38	37	34	40	36	
40-49	.	.	.	.	.	.	.	.	*	11	12	*	18	30	26	43	63	55	74	79	63	50	71	59	78	103	90	
50-59	.	.	.	.	.	.	.	.	*	*	11	*	12	18	27	38	59	71	75	86	99	98	104	97	126	163	163	
60-64	.	.	.	.	.	.	.	.	*	*	*	*	*	14	11	13	14	31	42	42	43	42	41	38	49	65	82	
65-69	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	29	23	27	30	33	36	28	42	59	51	
70-79	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	11	23	13	16	37	33	36	
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	.	.	.	.	.	.	.	.	*	21	19	11	23	34	50	69	76	74	78	88	79	73	82	70	77	100	86	
45-64	.	.	.	.	.	.	.	.	*	13	19	16	28	49	50	63	108	134	159	167	182	167	183	170	223	288	295	
65-74	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
75+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	*	*	.	*	*	*	*	*	*	.	12	11	*	
Male	.	.	.	.	.	.	.	.	*	17	23	20	33	56	61	76	96	131	142	155	169	150	169	151	213	266	267	
Female	.	.	.	.	.	.	.	.	*	19	18	11	28	33	49	67	94	115	134	139	133	148	149	137	171	217	205	
Unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
White	.	.	.	.	.	.	.	.	*	22	33	25	48	68	79	104	137	170	175	178	213	186	205	168	241	298	321	
Af Am	.	.	.	.	.	.	.	.	*	11	*	*	11	19	29	34	48	66	84	96	71	97	88	96	107	150	119	
N Am	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Other/unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*
†Hispanic	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21	19	26	25	37	41	52	63	59	75	
†Non-Hisp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	225	257	268	277	261	277	236	321	424	397	
Diabetes	.	.	.	.	.	.	.	.	*	17	23	18	25	43	41	73	87	117	122	119	140	127	156	132	161	215	221	
HTN	.	.	.	.	.	.	.	.	*	*	*	*	*	17	22	26	32	37	56	49	45	59	59	52	60	87	76	
GN	.	.	.	.	.	.	.	.	*	*	*	*	12	14	24	16	23	48	48	63	62	52	54	45	89	89	84	
Cystic kidney	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	16	*	11	15	15	15	*	11	18	15	19	
Oth. urologic	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	16	11
Other cause	.	.	.	.	.	.	.	.	.	*	*	*	*	13	17	24	26	31	36	28	36	28	38	38	43	49	47	
Unk. cause	.	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12	14
Missing	.	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<2 years	.	.	.	.	.	.	.	.	*	13	19	13	25	27	40	61	65	78	92	70	85	75	88	63	91	113	103	
2-<5 years	.	.	.	.	.	.	.	.	*	16	17	11	23	41	40	43	87	113	117	138	134	145	140	130	163	201	201	
5+ years	.	.	.	.	.	.	.	.	*	*	*	*	13	21	30	39	38	55	67	86	83	78	90	95	130	169	168	
All	.	.	.	.	.	.	.	.	*	36	41	31	61	89	110	143	190	246	276	294	302	298	318	288	384	483	472	
All with unknowns dropped	.	.	.	.	.	.	.	.	*	33	39	29	60	88	108	139	186	240	270	285	291	285	308	279	369	468	455	

Table H.24

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, on transplant waitlist***period prevalent patients; 2001 ESRD patients used as reference*

UNADJUSTED	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4									128.2									121.7	163.2			86				69.5	
5-9									56.5																	119.5	
10-14											23.2	45.5	41.1			65.5	21					28.7		26.2		23.1	
15-19											36.3		23.5			14.8	43.7	12.4					59	52.3	41.3		33.2
20-29									7.6	5.9	5.7	23.4	28.2	27.2	20.5	35.3	29.8	32.7	39.3	41.3	23.5	35	25.2	33.2	43.8	21.1	
30-39									9.8	59.6	60.9	27	29.4	26.4	55.7	48.2	48.2	54.7	42.3	49.1	58.3	49.1	44	43	38.9	47.1	43.1
40-49									54.6	82.3	54.3	21	48.2	66.6	46.6	61.7	74.2	50.7	79.5	72.6	61	54	66.2	48.3	61.8	74.9	71.8
50-59									80.9	50	89.9	53	53.2	66.4	75.6	75.3	84.7	98.4	78.6	100.8	111.1	101.5	91.2	84.8	96.9	112.3	113.2
60-64									211.7	153.1	76.4	84.3	147.8	198.4	136	93.3	86.8	147.3	164.6	149	170.1	124.8	125.1	78.1	107	127.6	135.1
65-69										105.4	119.2	167	215.3	122.5	58	72.6	52.5	165.6	159	130.9	162.1	174.9	159.6	115.6	144.4	167.1	135.3
70-79												448.7	431.7		188.4	261.8	51	122.2	201.4	160.9	150.3	256.1	95.3	95.4	166.1	161.5	175
80+															723.3							567.2			449		
Male								49.7	51.9	55.7	35.8	46.1	63	55.5	58.4	60.8	72	74.5	80.1	90.3	77.3	82.5	66.1	85.8	100.6	102.6	
Female								11.1	51.5	39.9	21.7	44.2	36.6	52.6	50.9	62.9	65.8	74.1	74.2	73.1	75.1	67.3	57.5	66	78.7	71.8	
White								24.2	42.7	52.1	33.7	50.9	57.3	58.6	60.7	71.9	77	77.9	78.9	97.5	83	83.4	61.8	82	94.9	102	
Af Am								37.7	63.8	33.2	14.4	34.4	38.5	49.5	46.3	51.2	62	72.6	80.3	60.6	76.8	66.1	67.6	68.6	91.9	71.7	
Other race								73.2	141.8	48.7	31.8	31	18.7	22.4	29	19.5	34	55.9	56	54.7	35.2	52.6	45.7	61.7	54.3	51.3	
†Hispanic																	63.6	47.7	58.7	53.3	71.4	68.5	80.8	90.2	75.8	96.6	
†Non-Hisp.																	69.5	77.2	79.5	85.8	76.9	75.7	58.6	73.4	91.6	85	
Diabetes								87.1	134.3	131.9	90.3	93	112.5	92.3	125.8	136.7	142.4	147.9	138.7	166.9	140.1	157.9	117.4	130.8	158.2	162.5	
HTN								44	41.6	21.7	17.3	49.8	52.9	58.2	53.1	50.2	54.8	81.4	66	64.3	76.8	71.8	59.6	61.2	81.8	70.2	
GN								15.9	24.5	29.1	14.9	25.7	28	37.4	19.2	23.5	44.9	37.5	50.8	51.5	42.7	40.9	31.2	60.2	58.6	53.5	
Other cause								16.2	37.4	28.7	14.9	33.3	28.4	38.7	34.4	53.4	45.1	50.3	64.9	56.7	60.3	44.1	49.2	52.4	62.6	63.1	
<2 years								16.2	39.3	45	24.3	36.6	30.4	40.7	49	47.3	48	58.6	47	59.4	49.3	55	37.5	52.9	60	53.3	
2-<5 years								26.3	85.4	61.8	31.9	59.7	73.8	66.6	54.2	84.5	97.2	88.4	93.8	93.5	102.7	89	71.9	80.8	96.1	97	
5+ years								48.3	37.7	32.4	34.4	45.3	60.8	67.8	68.5	58.8	70.1	82.5	99.8	98.1	78.3	82.7	78.9	97.3	117.2	113.5	
All								29.3	51.7	47.7	28.8	45.2	49.9	54.1	54.7	61.8	68.9	74.3	77.1	81.8	76.2	74.7	61.7	75.7	89.4	86.6	
<b>ADJUSTED</b>																											
0-19																	27.3	100.2	61.8	25.7	16.1	47.6	46.8		51.9	50.1	
20-44																	67.4	73.9	74.4	74.3	63.1	62.2	49.1		65.7	60.5	
45-64																	118.6	121	117.6	129.2	115.2	108.9	90.1		124.2	121.6	
65-74																	180.7	207.8	180.2	195.6	215.9	201.5	159.7		197.1	179.3	
75+																	225.2	272.7	437.1	361	444.2	235.3	68.9		296.2	245.4	
Male																	150.2	137.7	141.3	163.7	162.6	134.1	89.4		161.4	153.2	
Female																	132.9	168.5	187.1	172.1	193.5	146.9	101.6		140	114.3	
White																	162.2	172.2	171.4	192.2	200.8	161	106.1		157.4	150	
Af Am																	92.9	133	153.6	134.8	147.1	111.7	84.5		151.5	118.8	
Other race																	147.8	78.3	108.5	95	74.9	102	65.4		92.6	87.2	
Diabetes																	227.2	224.4	222.3	247.5	246.3	225.5	158.6		212.1	200.4	
HTN																	102.9	137.1	134.9	147.9	158.6	117.7	74.5		138.4	111.5	
GN																	84	110.4	133.5	102.3	100.9	72.9	46.3		97.9	99.5	
Other cause																	75.2	82.9	122.2	99	126.9	69.2	55.9		103.6	98.4	
<2 years																	83.5	92.4	91.7	97.2	98	82.5	51.7		87.4	74.7	
2-<5 years																	185.2	186.4	194.5	190.7	218.7	165	107.4		153.4	141.1	
5+ years																	210.6	235	275.1	292.6	298.4	236.9	166.9		277.5	246.8	
All																	141.1	152.2	163.7	167.5	175.8	140.8	95.8		151	134.8	

Table H.25

**Total patient deaths: CAPD/CCPD patients, returned to dialysis from transplan**

by demographic characteristics, primary diagnosis, & patient vintage

	1980	1981	1982	1984	1985	1986	1987	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15-19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	*	*	*	*	*	*	*	12	14	11	*	12	*	22	20	23	20	11	12	11	11	11	17	12
30-39	*	19	18	18	18	18	18	27	31	24	38	48	47	42	35	45	54	49	42	49	33	31	26	33	21	21	
40-49	*	20	20	19	19	32	37	48	38	59	57	63	64	79	88	64	92	72	70	71	64	67	48	53	59	54	
50-59	*	*	17	11	*	22	25	14	27	26	38	54	67	63	57	56	50	51	45	54	53	59	54	53	59	54	
60-64	*	*	.	.	*	*	*	*	*	*	11	15	17	*	15	19	25	20	11	16	16	13	15	22	25	25	
65-69	*	*	.	.	.	.	.	*	*	*	*	*	*	13	*	16	16	16	*	*	*	*	12	15	14	14	
70-79	.	.	.	.	.	.	.	*	*	*	*	*	*	*	12	*	*	*	*	12	15	*	*	18	*	11	21
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	17	33	32	37	37	51	62	68	72	91	85	89	87	104	124	105	97	100	80	79	63	84	57	63	84	57	
45-64	12	18	29	25	24	45	47	36	56	68	82	91	104	124	120	107	118	99	96	101	106	114	103	114	103	103	
65-74	*	*	*	*	*	*	*	*	*	11	*	*	*	14	18	21	22	24	16	22	16	18	28	22	23	33	33
75+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Male	19	32	45	33	33	72	71	65	72	98	113	110	121	141	135	117	124	109	107	107	98	112	101	112	101	101	
Female	13	24	21	35	34	39	49	55	65	74	74	94	99	114	138	116	119	112	92	106	98	114	99	114	99	99	
Unk.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
White	30	47	57	59	58	92	103	92	107	137	151	160	169	194	203	164	181	159	145	158	126	157	144	157	144	144	
Af Am	*	*	*	*	*	17	16	25	29	34	32	35	45	55	58	55	53	46	47	62	57	50	50	50	50	50	
N Am	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Asian	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11	*	*	*	*	*	*	*	*
Other/unk.	*	.	.	.	*	*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
†Hispanic	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	17	15	17	30	18	17	20	12	20	13	13	
†Non-Hisp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	238	258	216	213	203	182	193	184	206	187	187	
Diabetes	*	12	19	23	23	29	38	42	43	57	53	56	63	66	71	56	67	54	59	49	33	51	45	45	45	45	
HTN	*	*	*	*	*	12	14	12	16	27	25	34	44	42	37	45	29	33	36	42	33	46	28	28	28	28	
GN	*	16	19	11	11	34	34	33	35	40	58	66	60	84	87	78	75	68	56	71	85	66	76	76	76	76	
Cystic kidney	*	*	*	*	*	*	*	*	*	15	14	*	15	20	24	*	12	*	*	*	11	13	16	16	16	16	
Oth. urologic	*	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other cause	*	*	*	*	*	17	16	19	23	22	27	23	27	32	40	34	45	48	25	35	23	39	26	26	26	26	
Unk. cause	*	*	.	.	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Missing	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<2 years	*	*	*	*	*	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2-<5 years	13	25	22	18	18	31	46	34	37	42	36	39	37	35	41	27	21	27	15	15	*	16	11	11	11	11	
5+ years	16	29	39	46	45	71	60	79	92	124	143	158	176	214	230	205	222	193	183	197	188	210	187	187	187	187	
All	32	56	66	68	67	111	120	120	137	172	187	204	220	255	273	233	243	221	199	213	196	226	200	200	200	200	
All with unknowns dropped	28	51	66	61	61	107	118	116	127	165	180	196	212	249	267	228	236	215	193	209	189	222	200	200	200	200	



Table H.26

**Annual mortality rates per 1,000 patient YAR: CAPD/CCPD patients, returned to dialysis from transplant**

period prevalent patients; 2001 ESRD patients used as reference

UNADJUSTED	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4							133.8							117.5												1053	
5-9							45.1		34.4	50.6	50.8	29.8				77	38.6		70.8		89.5	104.4				110.9	
10-14						60.9		33	76.2	64.3	16.3	31	47.8	32.5		31.4	37.8	49.4		33.4	39.1		33.3	27.7	32.2	23.7	
15-19					130.5	79.6	14.2	36.5	126	30.5	19.4	24.1	46.2	33.9	43.8	34.3	30.2	33.6	35.2	42.4	50	32.3	10.8	13.8	15.9	12.8	
20-29					43.1	31.0	47.7	34.7	50.8	29.6	48.3	51.4	45.4	37.1	39.3	38.3	67.7	63.4	76.9	69.4	43.5	46.4	55.2	37.2	60.2	61.4	
30-39					64.6	117.1	99.8	78.3	110	95.2	71.2	96.6	101.7	88.2	68	59.2	86.6	97.6	102.1	92.7	103.6	74.7	68.9	60.4	93.9	53.1	
40-49					80.6	191.4	132.6	109.2	126.3	138.5	162	91.1	146.1	134.5	115.4	127.3	137.2	163.9	109.5	179.3	155.3	152	157.7	137	139.7	114.6	
50-59					234.4	115.5	207.0	145.9	249.3	267.3	111.5	227.7	155.4	164.5	188.6	220.7	176.4	200.7	192	184.4	205	155.7	191.8	189.2	174.1	136.3	
60-64					266.2	54.8		240.3	304.7	257.3	124.5	150.8	292.4	348.6	106.4	313.3	256.6	406.7	237.4	145.7	186.9	233.9	228.5	228.6	236.8	287.6	
65-69					318.2	129.0	313.9		316.3	375.2	546.9	285.8	175.9	299.8	147.2	302.9	335.9	402.8	196.7	275.7	443.3	360.1	295.7	267.4	358.7	386.1	
70-79							637.4	449.3		820.3	415.1	252.2	180.8	651.4	366.2	165.6	504.8	524.2	521	221.3	282.5	619.8	226.1	443.3	575.2		
80+																					525.5					2934	
Male					85.6	106.9	117.3	74.1	135.2	116.1	99.9	95.8	119.7	121.2	97.5	121.1	125.4	145.3	119.4	145.4	137.2	146.8	123.6	145.3	127.4		
Female					76.0	99.1	61.2	85.5	93	87.8	87.4	90.1	92.3	83.8	87.1	91.9	107.7	130.7	115.3	118.4	114.5	95.1	107.4	100	116.8	101.2	
White					96.7	108.7	99.2	87.2	127.8	110.4	95.7	98.1	117.6	114.1	103.9	113	128.4	148.5	126.2	149.3	141.4	126.6	136.3	106.4	139.6	124.6	
Af Am					13.1	81.4	80.5	44.6	79.2	85.8	92.3	85.6	83.3	75.3	60.1	93.6	93.4	115.5	93.2	103.2	106.8	90.6	105.7	130.2	109.1	100.3	
Other race					107.0	96.3	0.0	78.8	56.1	23.1	64.4	20.1	16.8	65.2	91.1	72.3		70	102.9	122.1	77.9	79.5	74	75.9	67.4	117.1	46.3
†Hispanic																	83.6	76.3	93.8	158.8	89.8	82.4	111	55.8	100.1	61.3	
†Non-Hisp.																	119.4	143.5	119.7	130.1	132.7	117.7	126.2	117	133.2	119.5	
Diabetes					131.7	253.0	273.5	251.2	232.1	265.8	284.7	248.7	305.1	256.5	240.8	268.4	249.2	283.1	254.5	336.5	298.4	348	341	213.1	293.4	242.9	
HTN					63.7	159.3	102.7	72.2	129.6	114.1	70.3	90.8	121.7	91.3	103.7	146.6	117	122.9	137.9	92.5	127.4	117.7	145	109.8	169.9	99.6	
GN					61.9	69.0	70.5	36.1	82.8	75.1	65.3	57.2	67.7	85.7	75.9	76.1	99.1	118.9	102.7	94.5	94.1	79.6	96.7	111.3	87.3	104.1	
Other cause					95.8	87.9	67.5	79.9	113.5	77.3	75.8	88.2	81.4	76.2	61.5	73.4	91.2	119.7	83.8	136.9	124	92.6	102.3	81.4	122.3	93.4	
<2 years					58.2	32.3	84.3	75.4	105.9	140.9	77.8	91.5	61.8	104.7	77	86.5	96.8	41.4	35.2	0	43.5	53	62.2	59.8	0	274.7	
2-<5 years					94.2	114.9	83.7	56.3	94.7	126.8	83.6	77.4	95.5	80.6	81.1	82	80.6	110.9	89.4	83	121.6	91.1	83.4	40.4	92.6	62	
5+ years					78.6	108.3	99.6	92.5	128.3	87.7	100.2	99.5	113.1	109.5	96	113.2	125	144.6	122.8	141	130.2	116.5	129.4	117	133.9	117.1	
All					81.6	103.6	92.8	79.3	116.8	103.2	94	93.1	106.5	102.9	92.4	106.3	116.5	137.6	117.2	133	128.4	113.7	124.5	110.3	129.7	113.3	
<b>ADJUSTED</b>																											
0-19															85.9	68.9			45.5		50.7	66.9	62.2	28.8	18.6	29.5	40.9
20-44															80.2	87.1			97.1		78.8	88.4	89	104.6	67.9	81.1	100.1
45-64															164.3	180.9			192.9		135.7	142.1	144.2	164.3	149.5	130.7	183.4
65-74															231.2	331			454.1		256.3	231	238.7	435	267.3	345.3	440.5
75+															40	34.3			153		154.9	68.1	124.6	230.2	210	324.8	633.1
Male															141.9	166.9			220.5		156.2	158.2	166.3	266.6	200.2	236.9	339.4
Female															129.7	178.6			225.2		139.9	121	136.8	195	135.3	124.1	229.2
White															160.9	222.9			259.7		160.6	169.1	185.9	305.1	197.1	219.2	301.2
Af Am															106	104			169.4		130.7	108.3	110.7	143.3	115.7	105.4	247.9
Other race															152.4	157.1			235.4		156.4	77.5	75.4	59	143.8	167.6	345
Diabetes															188.1	276.2			345.8		210.2	177.9	209.9	347	241.8	305.5	374.8
HTN															134	143.9			141.6		125.3	160.6	153.1	250.8	144	122	204.5
GN															96.2	107.6			95.6		95.5	93.3	80.1	105	123.8	136.9	302.1
Other cause															114.4	90.5			212.1		134.5	109	119.1	119.2	103.8	120.4	231.6
<2 years															100.2	138.4			157.4		44.6	57.6	77	154.1	136.6	81.3	360.1
2-<5 years															127.8	152.3			218.3		175.7	170.3	182.1	251.4	137.7	210.4	157.8
5+ years															199.6	262.5			362.7		306.9	251.2	261.1	388.8	272	361.7	302.6
All															136.1	173.5			224.6		149	141.8	153.3	233.4	169.1	180.4	287.5

Table H.27

**Total patient deaths: transplant patients**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10-14	12	*	*	*	*	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	*	19	*	*	13	*	*	13	15	12	*	*	*	*	*	*	*	*	*	*	*	*	*	11	12	*	*
20-29	32	47	44	68	61	69	69	76	73	69	65	59	48	64	48	42	42	52	38	48	36	48	42	34	33	29	
30-39	84	90	134	137	194	171	218	207	244	232	212	215	217	226	206	216	186	233	212	222	215	226	204	184	160	173	
40-49	101	118	141	127	171	172	221	240	275	314	371	370	362	341	446	474	516	496	538	479	528	588	582	507	480	478	
50-59	63	92	111	135	134	193	192	251	286	314	357	368	330	458	511	514	613	655	711	768	843	856	843	909	843	943	
60-64	20	13	21	25	46	55	70	72	91	101	147	184	195	212	257	278	277	354	332	390	399	474	453	531	539	553	
65-69	*	*	*	14	17	14	29	24	54	60	108	103	151	175	208	271	282	322	388	369	457	473	517	581	645	662	
70-79	*	*	*	*	*	*	11	16	28	38	37	74	88	131	180	219	225	322	396	442	519	561	677	717	772		
80+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18	17	17	37	40	48	64	83	108	
0-19	27	29	19	17	24	25	28	32	28	23	13	21	14	16	12	12	16	20	15	15	12	14	18	22	14	19	
20-44	152	192	245	270	350	334	400	391	449	460	464	463	438	447	442	445	461	516	486	458	487	534	484	426	395	380	
45-64	148	168	206	222	256	326	370	455	520	570	688	733	714	854	1,026	1,079	1,173	1,274	1,345	1,449	1,534	1,658	1,640	1,739	1,660	1,796	
65-74	*	*	*	16	17	20	34	35	65	82	142	136	212	243	315	413	455	496	642	657	772	838	914	1,026	1,116	1,163	
75+	*	*	*	*	*	*	*	*	*	*	*	*	16	30	30	45	53	69	85	125	164	194	212	296	329	379	
Male	226	269	305	351	421	464	561	619	750	777	897	922	914	1,080	1,184	1,320	1,417	1,491	1,681	1,745	1,881	2,077	2,075	2,181	2,247	2,420	
Female	104	129	176	177	227	243	273	296	319	365	417	441	480	510	641	674	741	884	892	959	1,088	1,161	1,193	1,328	1,267	1,317	
Unk.																											
White	243	298	385	420	483	545	627	680	814	850	1,002	1,038	1,082	1,226	1,420	1,528	1,668	1,814	1,974	2,061	2,256	2,473	2,448	2,649	2,684	2,861	
Af Am	70	82	76	88	149	143	186	212	230	261	284	289	273	320	351	401	420	477	519	556	602	646	685	734	687	730	
N Am	*	*	*	*	*	11	*	*	*	*	11	*	13	14	17	17	25	25	22	29	41	36	40	45	45	42	
Asian	.	.	*	*	*	*	*	*	12	13	14	25	21	29	35	42	42	56	55	56	68	80	93	78	90	97	
Other/unk.	16	17	17	*	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic																	141	156	166	184	238	251	245	268	288	322	
†Non-Hisp.																	2,017	2,219	2,407	2,520	2,731	2,987	3,023	3,241	3,226	3,415	
Diabetes	48	63	101	105	167	179	241	266	318	353	392	451	497	516	618	693	730	846	982	978	1,086	1,221	1,204	1,314	1,396	1,384	
HTN	26	35	43	46	77	84	125	128	144	167	209	249	228	282	350	351	380	435	455	491	532	559	618	606	588	668	
GN	60	77	97	109	111	139	174	186	211	260	290	284	281	333	368	417	479	523	526	524	621	673	620	674	622	725	
Cystic kidney	16	19	19	26	34	39	45	54	74	59	95	91	84	116	114	151	172	162	211	228	238	261	257	271	277	311	
Oth. urologic	*	*	12	*	13	17	19	19	30	32	40	30	47	48	44	46	55	61	81	71	75	92	94	103	111		
Other cause	18	22	27	46	59	86	83	104	111	121	146	121	130	141	183	198	219	233	204	253	266	299	310	386	341	352	
Unk. cause	34	28	53	49	58	54	45	38	67	47	74	56	71	100	82	98	81	86	90	93	94	90	109	109	125	111	
Missing	125	150	129	139	132	113	104	120	125	105	76	71	73	55	62	42	51	35	44	56	61	60	58	55	62	75	
<2 years	160	160	162	163	186	162	172	198	208	175	156	154	153	118	161	136	150	141	120	115	109	131	148	143	136	178	
2-<5 years	148	189	245	211	271	283	364	334	391	389	420	387	374	417	466	494	527	532	509	514	528	555	538	523	536	521	
5+ years	22	49	74	154	191	262	298	383	470	578	738	822	867	1,055	1,198	1,364	1,481	1,702	1,944	2,075	2,332	2,552	2,582	2,843	2,842	3,038	
All	330	398	481	528	648	707	834	915	1,069	1,142	1,314	1,263	1,394	1,590	1,825	1,994	2,158	2,375	2,573	2,704	2,969	3,238	3,268	3,509	3,514	3,737	
All with unknowns dropped	281	353	413	470	581	643	784	873	995	1,086	1,237	1,305	1,320	1,489	1,741	1,890	2,074	2,287	2,480	2,609	2,873	3,145	3,157	3,397	3,381	3,619	



Table H.29

**Mortality rates by primary cause of mortality, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

<b>ESRD</b>	<b>Male</b>	<b>Female</b>	<b>White</b>	<b>Af Am</b>	<b>N. Am.</b>	<b>Asian</b>	<b>All</b>
Acute myocardial infarction	13.3	12.5	14.3	10.7	12	11.1	13
Hyperkalemia	1.7	2.1	2.3	1.1	1.9	1.3	1.9
Pericarditis	0.2	0.2	0.2	0.2	0.1	0.1	0.2
Atherosclerotic heart disease	4.5	4.7	5.5	3	2.6	4	4.6
Cardiomyopathy	6.4	4.8	7	3.5	4.7	3.6	5.7
Cardiac arrhythmia	7.1	6.8	7.9	5.7	5.6	5.2	7
Cardiac arrest	41	43.1	44	39.6	32.6	35	41.9
Valvular heart disease	0.9	0.9	1	0.7	0.7	0.5	0.9
Pulmonary edema	1.2	1.3	1.5	0.8	1.2	0.9	1.2
Congestive heart failure	1.9	2	2.4	1.2	1.4	1.2	2
Aids	0.4	0.2	0.1	0.7	.	.	0.3
Cachexia	2.1	2.8	3	1.6	1.5	1.4	2.4
Cerebrovascular disease	7	9.6	8.3	7.9	7.5	7.8	8.1
GI hemorrhage	1.2	1.2	1.2	1.1	1.3	1.1	1.2
Other hemorrhage	1.6	1.9	1.6	1.8	1.4	2	1.7
Septicemia	16.8	21.4	18.9	19.1	17.3	13.9	18.8
Pulmonary infection	4.4	3.7	4.9	2.6	4.3	4.3	4.1
Viral infection	0.2	0.2	0.2	0.2	0.1	0.4	0.2
Other infection	1.7	2.1	2.1	1.7	2.6	1.1	1.9
Malignant disease	8	6.5	8.5	5.8	4.2	4.8	7.3
Withdrawal from dialysis/uremia	4.8	6.5	7.4	2.6	5.5	2.6	5.5
Other cause	53.9	58.5	61.5	49.1	49	34.2	56
Unknown cause	.	<0.05	<0.05	<0.05	.	.	<0.05
All	180.1	193	203.8	160.6	157.5	136.3	185.8
Years at risk	613,574	488,072	664,998	367,573	14,885	45,217	1,101,646
Patients	736,028	590,031	813,615	431,461	17,447	52,570	1,326,059
<b>DIALYSIS</b>							
Acute myocardial infarction	16.7	15.3	19.1	12	13.4	14	16.1
Hyperkalemia	2.2	2.6	3.3	1.2	2.2	1.7	2.4
Pericarditis	0.2	0.2	0.2	0.3	0.1	0.1	0.2
Atherosclerotic heart disease	5.9	5.9	7.7	3.5	3.1	5.2	5.9
Cardiomyopathy	8.4	6	9.8	4.1	5.7	4.7	7.3
Cardiac arrhythmia	9.3	8.6	10.9	6.6	6.7	6.8	9
Cardiac arrest	54.3	54.4	61.4	45.7	39.7	45.6	54.4
Valvular heart disease	1.1	1.2	1.4	0.8	0.9	0.7	1.2
Pulmonary edema	1.5	1.7	2.1	0.9	1.5	1.2	1.6
Congestive heart failure	2.5	2.5	3.3	1.4	1.7	1.6	2.5
Aids	0.5	0.2	0.1	0.8	.	.	0.4
Cachexia	2.7	3.5	4.2	1.8	1.9	1.8	3.1
Cerebrovascular disease	8.9	11.9	11.2	9	8.8	10	10.2
GI hemorrhage	1.5	1.5	1.7	1.3	1.6	1.4	1.5
Other hemorrhage	2.1	2.3	2.2	2.1	1.6	2.6	2.2
Septicemia	21.7	26.5	25.7	21.7	19.9	17.7	23.9
Pulmonary infection	5.6	4.5	6.5	2.9	4.8	5.3	5.1
Viral infection	0.3	0.2	0.3	0.2	0.1	0.4	0.3
Other infection	2.1	2.6	2.7	1.8	3.1	1.3	2.3
Malignant disease	9.6	7.7	10.7	6.4	4.6	5.9	8.7
Withdrawal from dialysis/uremia	6.3	8.2	10.4	3	6.7	3.3	7.2
Other cause	63.8	68.7	77	53.4	53.7	40.1	66
Unknown cause	.	<0.05	<0.05	<0.05	.	.	<0.05
All	227.3	236.4	272	180.9	181.8	171.5	231.5
Years at risk	455,816	381,824	468,244	314,495	12,171	34,400	837,640
Patients	573,166	480,617	610,223	377,087	14,649	41,549	1,053,783

Table H.29 (continued)

**Mortality rates by primary cause of mortality, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

<b>HEMODIALYSIS</b>	<b>Male</b>	<b>Female</b>	<b>White</b>	<b>Af Am</b>	<b>N. Am.</b>	<b>Asian</b>	<b>All</b>
Acute myocardial infarction	16.7	15.6	19.3	12.2	13.4	14.3	16.2
Hyperkalemia	2.4	2.7	3.5	1.3	2.3	1.8	2.5
Pericarditis	0.2	0.2	0.2	0.3	0.1	0.1	0.2
Atherosclerotic heart disease	6	6.1	7.9	3.6	3.1	5.4	6
Cardiomyopathy	8.2	6.1	9.8	4.1	5.5	5	7.3
Cardiac arrhythmia	9.4	8.9	11.2	6.6	6.5	6.9	9.1
Cardiac arrest	55.6	56.6	63.8	46.7	41.6	48.6	56.1
Valvular heart disease	1.1	1.2	1.4	0.8	0.9	0.8	1.1
Pulmonary edema	1.6	1.7	2.2	0.9	1.6	1.2	1.6
Congestive heart failure	2.5	2.6	3.4	1.4	1.9	1.6	2.5
Aids	0.5	0.2	0.1	0.8	.	.	0.4
Cachexia	2.7	3.5	4.2	1.8	1.5	1.7	3.1
Cerebrovascular disease	9.1	12.1	11.4	9.1	9.1	10.7	10.4
GI hemorrhage	1.5	1.6	1.7	1.3	1.7	1.5	1.6
Other hemorrhage	2.1	2.5	2.4	2.1	1.6	2.9	2.3
Septicemia	21.6	26.5	25.7	21.7	19.5	17.9	23.8
Pulmonary infection	5.8	4.6	6.8	3	4.9	5.6	5.2
Viral infection	0.3	0.2	0.3	0.2	0.1	0.4	0.3
Other infection	1.9	2.3	2.5	1.7	2.5	1.2	2.1
Malignant disease	10	7.9	11.2	6.6	4.6	6.2	9.1
Withdrawal from dialysis/uremia	6.5	8.5	10.9	3.1	6.6	3.6	7.4
Other cause	64.5	70.3	78.8	54.1	54	41.3	67.1
Unknown cause	.	<0.05	<0.05	<0.05	.	.	<0.05
All	230.1	242.2	278.6	183.5	183.1	178.8	235.6
Years at risk	417,400	346,608	419,272	295,448	11,191	30,587	764,009
Patients	524,072	436,678	546,673	354,318	13,460	37,057	960,750
<b>PERITONEAL DIALYSIS</b>							
Acute myocardial infarction	17.7	12.7	18	9.4	12.7	12.2	15.3
Hyperkalemia	1	1.6	1.6	0.8	1.1	0.8	1.3
Pericarditis	0.3	0.2	0.2	0.3	.	0.3	0.2
Atherosclerotic heart disease	5.5	4.6	6.4	2.3	3.2	3.8	5.1
Cardiomyopathy	10.7	5.7	10.6	3.8	6.3	2.7	8.3
Cardiac arrhythmia	9.5	6.1	9	5.4	9.5	5.7	7.8
Cardiac arrest	42.7	33.6	43.1	30.8	19	22.2	38.3
Valvular heart disease	1.5	0.8	1.5	0.6	1.1	.	1.2
Pulmonary edema	1.2	1.3	1.6	0.7	.	0.5	1.2
Congestive heart failure	2	1.6	2.3	0.8	.	1.4	1.8
Aids	0.3	0.2	0.1	0.6	.	.	0.2
Cachexia	3.2	3.8	4.3	1.7	6.3	2.2	3.5
Cerebrovascular disease	7.3	9.8	9.6	7	4.2	4.6	8.5
GI hemorrhage	1.4	0.9	1.3	0.8	.	0.8	1.2
Other hemorrhage	1.2	0.9	1	1.3	2.1	0.3	1
Septicemia	23.7	27.5	27.4	22.3	24.3	16.5	25.5
Pulmonary infection	3.3	3.2	3.9	1.6	3.2	3.5	3.3
Viral infection	0.2	0.1	0.1	0.1	.	0.3	0.1
Other infection	4.5	5.5	5.4	4.4	10.6	1.6	5
Malignant disease	6.1	5.2	7	3	4.2	3.8	5.7
Withdrawal from dialysis/uremia	4.5	5.5	6.7	1.5	8.4	1.4	5
Other cause	50.8	47.5	54.7	41	47.5	27	49.2
Unknown cause	.	.	.	.	.	.	.
All	198.6	178.3	215.9	140.1	163.7	111.4	188.8
Years at risk	35,644	33,255	45,353	18,134	947	3,699	68,899
Patients	44,259	40,499	57,076	21,305	1,128	4,311	84,758

Table H.29 (continued)

**Mortality rates by primary cause of mortality, unadjusted***rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

<b>TRANSPLANT</b>	<b>Male</b>	<b>Female</b>	<b>White</b>	<b>Af Am</b>	<b>N. Am.</b>	<b>Asian</b>	<b>All</b>
Acute myocardial infarction	3.4	2.5	3	3.3	5.9	1.8	3.1
Hyperkalemia	<0.05	0.1	0.1	<0.05	0.4	.	0.1
Pericarditis	<0.05	<0.05	<0.05	<0.05	.	.	<0.05
Atherosclerotic heart disease	0.3	0.2	0.3	0.1	.	0.1	0.3
Cardiomyopathy	0.5	0.2	0.4	0.4	0.4	0.1	0.4
Cardiac arrhythmia	0.6	0.4	0.6	0.5	0.4	0.1	0.5
Cardiac arrest	2.7	2.3	2.5	3.2	0.7	1.1	2.6
Valvular heart disease	0.1	0.1	0.1	0.1	.	.	0.1
Pulmonary edema	0.1	<0.05	0.1	0.1	.	.	0.1
Congestive heart failure	0.3	0.3	0.3	0.1	.	.	0.3
Aids	.	.	.	.	.	.	.
Cachexia	0.1	0.2	0.2	0.1	.	0.2	0.2
Cerebrovascular disease	1.5	1.4	1.5	1.6	1.5	0.6	1.5
GI hemorrhage	0.1	0.2	0.1	0.2	.	0.2	0.2
Other hemorrhage	0.2	0.2	0.2	0.3	0.4	0.1	0.2
Septicemia	2.8	2.9	2.7	3.3	5.5	1.7	2.8
Pulmonary infection	1.2	0.8	1.1	0.8	2.2	1	1
Viral infection	0.2	0.1	0.1	0.1	0.4	0.3	0.1
Other infection	0.5	0.5	0.5	0.6	0.4	0.4	0.5
Malignant disease	3.1	2.5	3.1	2.1	2.6	1.3	2.9
Withdrawal from dialysis/uremia	0.2	0.1	0.2	0.1	.	0.1	0.2
Other cause	25.5	21.7	24.6	23.5	28	15.4	24
Unknown cause	.	.	.	.	.	.	.
All	43.4	36.8	41.6	40.5	48.6	24.5	40.8
Years at risk	157,759	106,248	196,754	53,078	2,715	10,817	264,006
Patients	162,862	109,414	203,392	54,374	2,798	11,021	272,276

Table H.30

**Mortality rates by cause of withdrawal, unadjusted**

rates per 1,000 patient years at risk, period prevalent dialysis patients, 2003-2005 combined

	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59
Withdraw, access failure	1.9	2	0.8	0.3	0.2	0.3	0.4	0.5
Withdraw, transplant failure	.	.	.	.	0.2	0.1	0.1	0.1
Withdraw, failure to thrive	1.9	2	.	.	1.5	2.7	4.6	8.2
Withdraw, med. complication	7.5	2	0.8	2	2	3.2	5.8	9.4
Withdraw, other	.	4	3.2	0.3	1.3	2.2	3.1	5.4
Did not withdraw	61.5	32.1	20	29.3	46.7	61.7	93.2	125.3
Missing data	7.5	2	2.4	2	3.3	5	6.8	9.3
Other cause	.	.	.	.	.	.	.	.
All	80.1	44.2	27.2	33.9	55.1	75.2	114	158
Years at risk	537	498	1,249	3,006	21,977	56,928	111,698	171,060
Patients	658	618	1,529	3,542	25,090	65,032	130,581	205,853

  

	60-64	65-69	70-79	80+	Male	Female	White	Af Am	Other race
Withdraw, access failure	0.6	0.7	1.2	2.2	0.6	1.1	1	0.7	0.5
Withdraw, transplant failure	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Withdraw, failure to thrive	14.7	21.2	37.4	71	20.4	25	32.3	9.8	12.1
Withdraw, med. complication	14.5	18.4	27.3	42.4	15.6	19.5	24.1	8.5	10.5
Withdraw, other	8.5	12	19.5	33.8	11	13.1	16.7	5.8	6.8
Did not withdraw	158.7	183.1	225.1	289.8	165.3	163.1	180.6	144.7	137.5
Missing data	11.4	15.5	20.7	32.2	14.3	14.5	17.1	11.3	8.9
Other cause	.	.	.	.	.	.	.	.	.
All	208.5	250.9	331.2	471.5	227.3	236.4	272	180.9	176.3
Years at risk	93,233	102,655	187,529	87,270	455,816	381,824	468,244	314,495	54,901
Patients	115,966	131,096	249,648	124,170	573,166	480,617	610,223	377,087	66,473

  

	†Hispanic	†Non-Hispanic	Diabetes	Hyper-tension	Glomerulo-nephritis	Other cause	All
Withdraw, access failure	0.6	0.9	0.9	0.8	0.5	1	0.8
Withdraw, transplant failure	<0.05	0.1	0.1	0.1	0.2	0.1	0.1
Withdraw, failure to thrive	12.1	24.1	23.7	23.5	13.5	24.5	22.5
Withdraw, med. complication	11.3	18.3	19.3	17.1	10.4	17.8	17.3
Withdraw, other	9.2	12.4	12.7	12.5	6.7	13.1	12
Did not withdraw	145.7	167.2	188.6	167.7	100.7	143.8	164.3
Missing data	8.8	15.2	13.8	15.7	7.7	18.5	14.4
Other cause	.	.	.	.	.	.	.
All	187.7	238.2	259.1	237.4	139.8	218.9	231.5
Years at risk	111,094	726,546	355,107	237,284	102,443	142,806	837,640
Patients	136,072	917,711	456,189	298,951	118,853	179,790	1,053,783

Table H.31

**Expected remaining lifetimes of the general U.S. population, & of prevalent dialysis & transplant patients**

general U.S. population, 2003; ESRD patients, 2005

	All races			White			Af Am		
	All	M	F	All	M	F	All	M	F
0-14	73.9	68.4	73.6	71.4	68.9	73.9	66.7	63.1	69.9
15-19	64.1	58.6	63.7	61.6	59.1	64.1	57.0	53.4	60.2
20-24	59.2	54.0	58.9	56.8	54.4	59.2	52.3	48.9	55.3
25-29	54.3	49.3	54.0	52.1	49.7	54.3	47.7	44.4	50.5
30-34	49.5	44.6	49.2	47.3	45.0	49.5	43.1	39.9	45.8
35-39	44.7	40.0	44.4	42.6	40.3	44.7	38.5	35.5	41.1
40-44	39.9	35.4	39.7	37.9	35.8	39.9	34.1	31.2	36.6
45-49	35.3	31.0	35.1	33.4	31.3	35.3	29.9	27.0	32.3
50-54	30.7	26.8	30.6	29.0	27.0	30.7	25.9	23.2	28.1
55-59	26.3	22.7	26.2	24.7	22.9	26.3	22.2	19.8	24.2
60-64	22.1	18.9	22.0	20.7	19.0	22.1	18.7	16.5	20.4
65-69	18.2	15.4	18.1	17.0	15.4	18.2	15.6	13.6	17.0
70-74	14.5	12.2	14.5	13.5	12.2	14.5	12.7	11.0	13.8
75-79	11.2	9.4	11.3	10.5	9.4	11.2	10.2	8.8	11.0
80-84	8.4	7.1	8.5	7.9	7.0	8.4	8.0	6.9	8.6
85+	4.3	3.8	4.4	4.2	3.7	4.3	4.8	4.2	5.0
Overall	25.1	22.0	25.1	23.8	22.1	25.1	21.7	19.5	23.4

  

Dialysis 2005	All races			White			Af Am			N Am			Asian		
	All	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female
0-14	20.2	20.5	19.8	19.9	20.3	19.5	19.3	19.6	19.1	24.8	25.3	24.4	33.3	33.9	32.4
15-19	17	17.4	16.4	16.3	16.7	15.9	17	17.5	16.3	19.3	19.7	18.9	25.9	26.1	25.7
20-24	14.4	14.8	13.9	13.7	14	13.2	14.6	15.1	13.9	16.4	16.8	15.9	22.5	22.7	22.3
25-29	12.9	13.2	12.4	12	12.3	11.6	13.3	13.8	12.7	14.4	14.6	14.1	19.8	19.9	19.6
30-34	11.3	11.5	11	10.3	10.5	10	12	12.3	11.5	12.4	12.5	12.4	17.2	17.1	17.2
35-39	9.6	9.7	9.4	8.7	8.7	8.6	10.3	10.5	10	10.5	10.5	10.5	14.6	14.5	14.7
40-44	8.3	8.3	8.2	7.5	7.5	7.5	8.9	9	8.7	9	9	9.1	12.3	12.1	12.4
45-49	7.2	7.2	7.1	6.5	6.5	6.5	7.8	7.8	7.6	7.8	7.7	7.8	10.3	10.1	10.5
50-54	6.3	6.3	6.2	5.7	5.7	5.7	6.9	6.9	6.8	6.8	6.7	6.9	8.8	8.6	9
55-59	5.3	5.3	5.4	4.9	4.9	4.9	5.9	5.9	5.9	5.8	5.7	5.9	7.2	7.1	7.4
60-64	4.5	4.5	4.6	4.1	4.1	4.1	5.1	5.1	5.1	5	4.9	5.1	6.1	6	6.2
65-69	3.8	3.8	3.9	3.5	3.5	3.5	4.3	4.3	4.3	4.2	4	4.3	5	4.9	5.1
70-74	3.2	3.1	3.3	3	3	3	3.6	3.5	3.6	3.5	3.4	3.6	4.2	4.1	4.2
75-79	2.7	2.7	2.8	2.6	2.6	2.6	3	2.9	3.1	3	2.8	3.1	3.5	3.5	3.5
80-84	2.3	2.2	2.3	2.2	2.2	2.2	2.5	2.4	2.6	2.4	2.2	2.5	2.9	2.8	2.9
85+	1.8	1.8	1.9	1.8	1.7	1.8	2	1.9	2.1	1.8	1.6	1.9	2.3	2.2	2.4
Overall	5.4	5.4	5.3	5.0	5.1	5.0	5.7	5.8	5.6	5.8	5.7	5.9	7.6	7.6	7.6

  

Transplant 2005	All races			White			Af Am			N Am			Asian		
	All	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female
0-14	49.3	49.3	49.5	49.7	49.7	49.7	47	47	47.1	38.4	39.6	37.5	60.8	58.8	64.4
15-19	39.7	39.4	40.2	39.7	39.5	40.2	38.5	38.4	38.8	34.5	35.2	34.1	49.1	47.2	52.7
20-24	36.5	36.2	37.2	36.4	36.1	37.1	35.7	35.5	36.1	32.7	33.2	32.3	45.3	43.3	49
25-29	32.7	32.3	33.5	32.5	32.2	33.3	32	31.7	32.6	29.7	30.2	29.3	41	39	44.7
30-34	28.7	28.2	29.6	28.5	28.1	29.4	28.2	27.8	28.9	26.3	26.5	26.1	36.7	34.7	40.3
35-39	25.3	24.7	26.3	25.1	24.6	26.1	24.9	24.4	25.7	23.4	23.5	23.4	32.5	30.5	36.3
40-44	22	21.4	23.2	21.9	21.3	23	21.7	21.1	22.6	20.5	20.4	20.7	28.4	26.4	32.2
45-49	19	18.4	20.3	18.9	18.3	20.1	18.6	18	19.6	18	17.9	18.2	24.6	22.6	28.4
50-54	16.4	15.7	17.7	16.3	15.7	17.6	15.9	15.2	17	15.7	15.5	15.9	21	19.1	24.8
55-59	14	13.3	15.3	14	13.3	15.3	13.5	12.8	14.5	13.6	13.4	14	17.8	16	21.5
60-64	11.8	11.1	13.1	11.8	11.2	13.1	11.3	10.6	12.4	11.9	11.6	12.4	14.8	13.2	18.4
65-69	10.1	9.5	11.3	10.1	9.5	11.3	9.6	9	10.7	10.5	10.2	11.1	12.6	11.1	16
70-74	8.5	7.9	9.7	8.5	7.9	9.6	8.2	7.5	9.2	9.2	9	9.9	10.4	9	13.7
75-79	7	6.5	8.1	7	6.5	8.1	6.7	6.1	7.7	7.7	7.5	8.4	8.6	7.4	11.6
Overall	14.9	14.3	16.1	15.0	14.3	16.1	14.1	13.6	15.0	14.3	13.5	16.2	18.6	17.2	21.6



Table H.32

**First-year mortality rates, ESRD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
0-4	93.5	197.8	180.7	180.4	208.2	120.8	144.9	99.5	128.6	58.1	108.5	104.1	69	98.7	67.7	95.3	84.6	136.1	
5-9	10.2	.	30.2	26.7	20	33.9	31.4	.	20.6	32.1	52	.	11	.	34.3	52.6	35.9	10.8	
10-14	16.1	38.6	49.7	33.7	20	52.6	41.2	9.8	9.9	19.8	21.6	17	23	26.2	17.2	18.2	9.8	18.7	
15-19	38	21.6	15.6	29	41.7	35	33.1	37.7	16.4	35.9	17.3	43.2	17.9	27.7	20.9	21.3	19.6	12.1	
20-29	81.4	73.9	73.2	71	75.3	61.4	66.1	62.7	67.8	50	37.9	41.2	40.4	61.3	48.4	58.4	56.9	55.5	
30-39	114.8	107.5	107.8	97.5	105.5	97.1	104.1	99.4	99	93.5	81.8	83.8	83.3	82.7	78.9	76	75.8	71	
40-49	127.7	120.1	121.6	114.1	125.4	119.3	109.6	110.7	106.2	104.7	100.4	108.8	104.7	99.9	105.9	100.5	104.1	98.2	
50-59	183.4	180.2	183.8	169.9	172	157.4	160.8	149.7	143.1	156.3	150.7	153.2	147	152	143.4	144.3	145.9	140.6	
60-64	273.9	269.6	253.5	245.2	236.6	231.2	209	212.4	214.6	203.4	198.9	220.7	205	206.8	195.5	204.5	190.1	186.9	
65-69	314.1	312.3	303	281.4	286.5	281.4	260.1	271.8	262.2	257.4	264.6	272	270.5	263.7	258	260.5	249.3	253	
70-79	424.8	415.6	395.8	378.5	382.4	378.8	357.6	355.6	349.4	352.5	363.6	362.3	366.9	364.3	358.3	356.1	357	349	
80+	591	593.1	543.6	520	524.9	540.2	497.1	494.6	498.4	522.1	523	548.1	536.1	544.2	536.5	523	518	501.8	
Male	248.2	253.4	244	233.5	241.8	240.6	223.8	230.1	227.8	231.9	239.1	246.8	244.6	247	243.3	244.7	242.4	239.3	
Female	247.6	237.2	241.8	234.3	243.4	238	235.6	233.6	227.9	239.4	247.4	258.3	259.6	262.3	257.2	259.4	255.4	246.4	
White	279.1	278.5	272.8	266.4	276.8	276.4	261.6	262.9	257.8	269.5	278.7	285.2	283.5	285	284.1	283.5	278.3	272.5	
Af Am	183.7	183.7	187.7	173.2	182.5	172.7	173.6	177.8	177.7	172.3	178.6	193.2	193	197.5	188.3	194.4	198.5	190.9	
Other race	201.9	171.9	162	150.3	133.6	149.5	142.3	151.7	164.4	192.2	181.5	196.5	194.2	188.7	170.9	182.4	169.1	164.4	
†Hispanic										188.4	194.1	192.7	197.2	191	186.3	193.2	188.4	178.5	
†Non-Hisp.										241.4	249	259.6	258.6	263.6	258.1	259.3	256.9	251.7	
Diabetes	286.8	270.9	263.6	261.3	257.9	255.5	235.8	238.1	238.6	245.1	250.7	262.4	254.5	253.7	247.8	248.6	243.2	235	
HTN	270.2	271.6	266	252.2	266.6	263.4	259.6	257.5	243.2	252.7	267.7	274.2	275.1	276.3	275.2	272.6	274.1	272.6	
GN	146.1	141.7	146.2	138.5	153.5	135.5	124.5	142.1	133.1	130.5	136.5	133.2	143.9	135.3	134.1	131.1	129.4	119.1	
Other cause	243.8	253.2	246.8	227.5	238.6	239.6	238.8	237	245.5	257.2	254.2	264.7	269.9	286	276.4	288.6	280.1	275.3	
All	248	245.9	243	233.9	242.5	239.4	229.3	231.7	227.8	235.4	243	252.2	251.4	254	249.6	251.3	248.3	242.4	
<b>ADJUSTED</b>																			
0-19	62	79.4	76.2	79.4	97.3	83.4	82.9	53.4	50.1	56.7	57.3	62.2	38.8	56.5	45.9	56.7	43.9	51.9	
20-44	119.1	109.6	112.6	102.5	111.1	104	106.6	99.4	99.9	90.2	82.9	86.5	85.6	85.7	83.5	81.6	82.7	77	
45-64	213.5	208.3	196.8	186.1	184.5	172.4	163.3	159	154.9	157	150.1	159.6	150.6	152.6	146.9	149	146.8	142.6	
65-74	353.8	346.2	334.7	311.6	316.3	309.1	283.7	295	283	281.3	289.1	290.5	289.8	287	281.3	283.4	276.2	272.3	
75+	522.9	515.9	473.1	459.1	459.4	466.8	447	433.2	436.3	448	452.4	463.2	459.8	458.7	451.4	445.9	444.5	434.5	
Male	326.7	326.5	303.6	284	286.2	279.4	255.6	257.5	254.6	250.6	247.9	252.8	245.8	245.8	240.6	240	237.2	233.7	
Female	297.1	280.7	274.6	260	262.9	252.9	247.4	240	232.7	238.1	239	247.3	245.8	244.9	238.1	239.4	235.6	227.9	
White	350.4	339.9	318.1	303.7	305.8	297.5	276.3	271.4	264.4	267.4	266.4	268.8	262.9	261.5	258.3	255.8	250.4	244.9	
Af Am	238.5	238.4	239.5	216.6	223.3	210.9	210.1	211.6	210.1	200.1	202.3	217	216.5	218.9	207.5	213.9	218.5	212.1	
Other race	272.2	223.5	206.2	179.9	159.1	173.4	160.6	166.8	172.8	196	178.2	196.3	188.4	181.7	167.1	176.6	162.1	161.4	
Diabetes	358.7	331.4	315.5	305.6	295.9	287.7	262.2	260.3	259.4	260.6	259.5	269.9	258.8	254.7	247.1	247.3	241.2	233.1	
HTN	271.5	270.6	257.7	239.4	248.5	245.5	236.2	232.6	219.9	222.5	229.7	233.1	232.2	231.3	229.6	224.4	227.3	225.2	
GN	226	217.1	211.9	200.2	214.3	189.5	173.1	188.5	179.7	168.8	172.4	167.3	174.4	167.1	170.3	163.2	164.1	154	
Other cause	304.1	315.5	304.3	282.3	293.1	289.2	291.9	283.6	285.9	294.9	280	289.6	291.5	307.3	296.4	309.4	301.3	295.4	
All	312	304	289.3	272.1	274.6	266.2	251.3	248.6	243.6	244.2	243.3	249.8	245.5	245	239	239.3	236	230.6	

Table H.33

**First-year mortality rates, dialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
0-4	64.5	226.9	213.3	254.4	255.8	155.5	214.6	124.8	169.9	91.5	161.3	133.6	99.8	119.5	94.4	105.3	108.3	157.4	
5-9	.	.	15.7	55.3	52	77.4	38.8	.	15.5	62.4	42.4	.	15.5	.	49.8	88	38.5	18.3	
10-14	12.4	44.4	35.1	45.1	26.3	72.1	70.3	16	18.6	26	40.4	19.3	41.4	41.7	24.2	30.6	.	18.9	
15-19	48.3	23.3	17.8	35.2	47.8	32.6	43	45.7	19.8	38.2	21.1	55.6	21.1	38.1	29.8	29.7	27.7	17.5	
20-29	103.3	88.5	88.6	87.9	87.3	73.7	82.1	73	80.4	59.6	42.8	48.7	47.8	71.3	55.5	67.3	66.5	66.8	
30-39	131.6	124	124.6	112.2	123.4	110.8	118.3	112.1	112.8	105.1	90.3	94.7	91.4	91.3	87.8	84.5	83.9	79.9	
40-49	139.6	131.1	130	120.4	138.6	130.4	118.8	119.1	113.4	111.2	107	116.6	111.2	106.8	113.3	108.6	112.1	106.3	
50-59	188.9	183.9	188.7	174.8	178.6	163.1	165.6	153	148	161	156.4	159	152	157.6	149.7	150.7	152.9	147.6	
60-64	277.4	272	256.7	247.9	239.8	235	211.5	214	219.2	206.8	202.6	224.7	208	210.9	200.1	210.4	195.5	193.3	
65-69	315.3	312.9	304.1	282.4	287.4	282.2	261.2	273.5	264.6	259.4	267.6	274.6	273.7	267.3	261.9	265.4	254	258.4	
70-79	425.6	416.1	395.8	379.1	382.5	379.3	358.3	356	350.1	352.9	364.2	362.9	367.7	365.3	359.6	357.6	358.7	351.2	
80+	590.8	593.1	543.9	519.6	524.6	540.2	497.1	494.6	498.4	522.1	523	548.4	536.2	544.2	536.6	523.2	518.2	502	
Male	269.4	273.5	260.4	248.5	256.7	254.1	236.3	240.6	240.2	242.5	249	256.8	253.3	255.8	252.7	254.8	252.6	249.5	
Female	263.9	248.8	254	245.5	255.6	249.3	245.2	242.8	236.7	247.4	255.5	266.7	267.4	271.1	265.9	268.6	264.4	256.3	
White	307.2	303.2	294.7	287.1	297.9	295.9	279.2	278.5	274.6	284.5	293.4	299.7	296.3	298.2	298.2	298.4	292.7	287.5	
Af Am	189.2	187.9	191.5	176.3	186	176.1	176.2	179.9	180.6	174.7	180.8	195.4	195	199.9	190.4	197	201.2	193.6	
Other race	220.6	178.1	173.1	157.8	141.5	154.5	148.2	157.7	168.9	197.3	184.7	201.6	199.1	193.7	175.6	187.2	174.7	170.3	
†Hispanic										192.8	199.2	197.7	201.5	195.9	191.2	197.9	192.6	183.2	
†Non-Hisp.										251.6	258.7	269.5	267.6	273.2	267.9	269.9	267.5	262.8	
Diabetes	304.5	285.3	276.2	271.5	268.2	264.9	243.2	245	245.3	251.7	256.1	268	259.2	258.7	252.7	254	247.6	240.4	
HTN	278.7	279	271.3	257.5	271.7	268.7	264.3	261.1	247.5	256.5	271.5	278.1	278.7	280.4	279.1	276.9	278.3	277.2	
GN	165.8	157.7	163.4	154.1	170.9	150.7	137.9	155.1	148	142.9	149.3	144.8	154.8	146.6	147.5	144.6	143.6	132.8	
Other cause	269.7	276.7	270.2	250.7	265.2	262.7	262.8	258.8	269	276.6	275	286.1	291	308.6	300.6	314	307.9	302.3	
All	266.8	261.8	257.4	247.1	256.2	251.8	240.4	241.6	238.5	244.8	252.1	261.4	259.8	262.8	258.8	261	257.9	252.6	
<b>ADJUSTED</b>																			
0-19	74.4	109	91	129.3	147.3	120.6	139.7	83	78.9	84.4	92	103.1	64.2	91.2	75.5	89.3	63.5	76	
20-44	135.7	124.9	128.9	115.5	128.4	119	123.2	112.9	114.1	102.5	93.8	98.8	95.8	96.3	94.7	93.3	94.5	89	
45-64	220.5	213.8	203.3	192.8	193.5	181.3	170.5	165.5	163.2	164.9	158.2	168.6	158.2	160.7	155.3	157.8	155.5	151.6	
65-74	353.5	345.9	334.9	312.3	316.8	310.1	285	296.5	285.3	283.1	291.6	292.9	292.6	290.1	285	287.8	280.6	277	
75+	523.1	515.8	472.9	459	459.2	466.7	447	433.2	436.4	448	452.5	463.5	460	458.8	451.7	446.3	445	435.1	
Male	320.6	321.9	299.2	281.4	284.6	278.8	255.8	256.8	255.9	251.7	250.2	255.9	248.4	248.7	244.4	244.7	242	238.4	
Female	297.2	278.8	275.5	261.8	267.3	257.5	251.7	245.2	237.8	243.9	245.9	254.6	252.8	252.8	246.3	247.9	243.9	236.5	
White	347	337.5	317.4	304.7	309.1	302.1	281.1	276.3	270.3	273.9	274.6	277.7	271.4	270.7	268.6	266.5	261	255.9	
Af Am	237.2	235.9	237.2	215	222.5	210.5	209.3	210.6	209.9	200.2	202.6	217.6	216.7	219.6	208.3	215	219.7	213.3	
Other race	272.4	214.9	205.4	179.1	159.7	172.5	161.4	168.7	174.2	198.3	180.6	199.3	192.1	185.7	170.8	179.8	165.9	164.5	
Diabetes	358.1	331.2	315.4	306.4	298.7	291.6	265.4	264.2	264.5	266.9	265.7	277	265	261.2	254	254.6	247.7	239.9	
HTN	277.2	275.8	262.5	244.5	254.1	251.4	242.3	238.2	225.6	228.6	236.4	240.2	239	238.6	236.6	232	234.6	232.6	
GN	213.3	204.1	202.7	191	206.9	183.1	167.2	181.8	176.4	165.2	169.7	164.6	170.8	164.9	168.7	162.4	164	153.5	
Other cause	300.2	310.2	299.5	279.4	292.6	287.5	290.9	282.1	287.5	293.2	282.6	292.4	294.5	310.9	302.1	315.2	309.3	303.2	
All	309.2	301	287.8	271.9	276.2	268.5	253.7	251.1	247.1	247.8	248.1	255.2	250.4	250.5	245.1	246	242.7	237.3	

Table H.34

**First-year mortality rates, hemodialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	
0-4	161.1	491.4	440.6	359.5	302.5	174.4	543.3	441.8	294.7	223.1	278.3	446.3	223.1	.	182.3	204.8	126.2	.	
5-9	.	.	.	114.7	166	.	74.1	.	48.8	111.2	.	.	.	.	102.9	229.7	117.8	.	
10-14	23.5	48.4	19.4	42.6	26.7	94.4	78.3	16.5	.	.	77.3	44.1	100.1	50.7	29.5	36.1	.	11.4	
15-19	47.2	31.4	9.9	41.1	57.6	40.7	48.3	39.4	20.7	46.8	30.4	58.9	18	48.1	35.7	34.9	35.6	24.7	
20-29	104.5	93.4	94.3	91.2	90.9	87.4	86.1	72.9	86.3	61.8	49.6	54.6	54.8	78.2	58	72.5	71.9	72.2	
30-39	134.4	124.7	128.9	120.3	135	115.5	129.2	117.5	125.5	112.9	93.8	101.8	100.9	99.6	96	91.6	89.9	85.1	
40-49	136.8	133.1	133.1	126.1	150.5	134.5	123.8	122.6	120.9	118.8	111.2	122.7	115.5	112.5	119.8	112.5	117.4	112.5	
50-59	186.2	181.9	187.5	178.7	181.1	164.4	166	154.2	150.2	163.1	160	159.7	156.3	159.4	155.7	156.1	157.1	152.5	
60-64	270.4	271.6	256.4	252.4	246.4	234	208.4	210.8	219	202.4	203.7	222.8	207.7	212.6	202.5	215.1	201.4	198.5	
65-69	306.6	316.4	301.3	281.5	287.4	284.5	264.3	275.6	263.3	258.6	265.3	278.1	276.2	271.3	265.9	271.5	260.5	265.8	
70-79	423.6	413.1	397.7	372.8	380.4	380	358.2	357.4	349.5	354.4	366.5	364.7	371	368.5	366.8	365.1	366.8	360	
80+	581.4	594	534.2	520.7	524.3	530.6	484.2	490.2	498.9	520	522.2	549.7	538.5	549.2	539.1	526.6	526	510	
Male	274.1	280.1	268.6	257.7	267.5	263.4	244.8	249.4	248.7	249.4	256.7	262.2	262.4	263.5	261.5	262.9	262.5	259.5	
Female	264.1	255.5	259.7	253.4	265.9	258.3	251.9	250.3	246.1	256.4	262.4	276.3	275.5	280.5	276	279.9	274.5	266.8	
White	316	317.4	309	303.7	316.8	313.1	293.1	293.9	289.1	297.6	305.7	310.5	309.2	310.1	311.7	311.4	306	301.8	
Af Am	187.1	187.8	192.5	179.4	190.2	179.8	179.5	181.1	184.2	178.9	184.8	200.7	200.5	205.6	196.3	203.5	208.3	199.3	
Other race	226.1	186.8	181	158	151	163.2	159	170.9	185.1	210.5	194.9	211.3	203.5	203	184.9	196.7	181.7	178.8	
†Hispanic										199	204	204.2	210.7	202.9	197.8	203	198	191.2	
†Non-Hisp.										259.9	266.4	277.2	276.2	282.1	277.9	280.2	278.4	273.6	
Diabetes	298.7	288.2	277.8	276	272.9	268.2	243.7	244	247.4	253.8	255.8	270.2	262.9	261.7	257.4	257.7	252.7	246.4	
HTN	279.2	281.4	272	260.8	278.1	273.3	269.3	267	252.7	262.2	277.9	282.3	285	288	286	284.9	285.7	284.2	
GN	175.8	168.6	179.6	168.3	190.3	166.4	152.7	174.5	164	156	162	160.3	171.7	161.5	159.5	159.6	158.8	144.3	
Other cause	278.4	288.1	286.6	268.6	284.4	283.9	282.3	282.3	292.7	295.7	297.9	304.7	310.1	329.5	325.8	339.9	334.1	329.5	
All	269.4	268.5	264.5	255.7	266.8	261	248.1	249.8	247.5	252.7	259.4	268.8	268.4	271.4	268.2	270.6	268	262.8	
<b>ADJUSTED</b>																			
0-19	93.5	106	60.5	130.8	138	110.3	152.6	78.7	64	87.5	101.8	123.2	67.5	85.3	91.6	102.2	71.1	37.1	
20-44	139.7	126.5	135.2	123	140.8	128.3	133.5	119	124.3	112.1	100.3	106.8	104	105	102.5	100.9	99.3	95.1	
45-64	216.9	215.5	205.6	200.7	202.2	185.4	172.9	167.6	168.5	168.1	163	171.6	163.2	164.6	161.5	163.9	162	158	
65-74	346.4	347	335	310.9	316.2	313.2	289.2	301	285.1	285.5	293.4	297.5	296.9	295.4	293.4	295.6	289.7	285.2	
75+	517.8	511	469.9	454.4	460.8	464.6	440.5	431.7	437.8	447.7	453.8	464.7	463	463.8	455.4	452.7	452.5	444.4	
Male	319.7	323.4	302.5	285.7	290.6	283.7	260.2	261.4	260.3	254.9	255	258.7	254.7	253.8	251.1	250.3	249.8	246.1	
Female	290.2	278.6	274.5	263.4	270.8	259.9	252.1	246.3	241.1	247.3	248.6	259.9	256.5	258	252.6	255.7	250.3	243.4	
White	344.9	340.5	320.8	310	316.3	307.9	284.8	281.7	274.9	277.8	279	281.5	277	276.2	275.8	273.5	268.7	264.3	
Af Am	228.6	230.4	232.6	214.1	222.3	209.8	208	206.6	209.7	201.2	204.2	220.6	223.1	212.5	220.1	225.1	225.1	217.2	
Other race	273.1	223.3	209.1	175.9	164.5	176.6	167.1	175.4	185	206.2	186.9	204.7	193.3	190.6	177.3	185.8	170.3	170.2	
Diabetes	348.6	332.6	314.4	308.9	301.6	292.4	264	260.9	264.5	267.1	264.3	278.2	267.6	263	258.2	257.8	252.2	245.5	
HTN	276.3	276	261.7	245.8	258.2	253.8	244.4	241.9	227.9	232.5	240.8	242.6	242.9	243.5	241.6	237.7	239.9	237.8	
GN	219.7	210.4	215.6	198.3	219.6	192.5	177.4	193	187.9	172.9	178.3	175.3	182.9	176	177.4	175	176.4	161.7	
Other cause	301.9	313.3	306.2	288.9	301.2	298.6	300.4	295.4	301.2	302.2	297.3	303.6	305.4	324.7	319.6	333.3	328.5	323.4	
All	305.3	301.5	288.9	274.8	280.8	272	256.1	253.9	250.8	251.2	251.8	259.2	255.4	255.6	251.6	252.6	249.9	244.6	

Table H.35

**First-year mortality rates, CAPD/CCPD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
0-4	38.6	195.3	120.4	203.3	210	117.3	140	87.8	158.2	89.9	138.7	102.6	86.4	143.5	57.8	96.8	107.5	183.4	
5-9	.	.	.	31.7	.	78.9	33.9	.	.	36.4	60.4	.	24.7	.	.	.	.	32.8	
10-14	.	52.3	59.8	53.9	18	44.5	58	17.1	35	45.1	18	.	.	38.3	18	27.1	.	27.4	
15-19	59.7	.	38.1	27	28.4	20.4	36.5	61.1	19.6	20.4	.	51	14.4	15.7	13.8	14.4	.	.	
20-29	97.9	75.9	81.7	82	74.2	35.5	71.5	69.8	64.8	49.2	13	22.5	16.2	43.5	46	41.3	37	35.8	
30-39	118.3	120.9	114	86.2	86	97.2	87	88.5	68.6	76.6	71.6	65.8	44.9	43.5	40.8	35.8	49	41.4	
40-49	152	130.2	128.5	102.9	105.9	107.7	95.7	102.7	80.9	78.4	81.6	77.7	81.8	69	58.2	75.8	68.4	55.2	
50-59	206.4	192.8	191.5	163.9	162.4	155.4	153.3	139.8	134.3	147.2	133.6	143.9	124.5	130.4	97.4	109.2	113.5	99.8	
60-64	313.3	283.5	265	241.3	210.6	231.9	218.7	224.9	215	234	190.8	223.6	207.5	195.6	172.2	165.3	142.2	141.8	
65-69	384.6	290.7	325.8	284.8	282.5	254.8	246.7	273.8	267.9	269	266.3	245.8	260.2	232	234.9	215.1	194.8	202.4	
70-79	441.6	466	406.1	423.1	391.8	390	366.7	353.8	357.7	353	356.6	353.6	350.2	344.7	294.5	302.1	294.4	257.8	
80+	835.7	562.8	683.2	547.8	555.5	614.8	652.5	589.5	513.7	554.9	620.1	615.6	583.5	535.1	560.2	572.1	455	430.6	
Male	248	241.3	231.9	209.3	207.4	204.5	194.4	196.4	193.5	201.3	189.8	202.3	181.7	182.1	168.6	182.9	160.3	152.4	
Female	265.4	217.7	226.6	207.5	197.3	199.4	204.6	202.3	184.1	189.6	205.3	192.1	198.3	185.3	175.2	164.8	165.2	150.7	
White	278.5	251.5	250.2	228.8	227.1	224.3	222.5	217.5	211.6	220.8	222.9	226.2	212.8	208.7	199.6	202.8	186.2	169.9	
Af Am	190.2	176.3	173.6	149.5	144.3	145.5	145.1	164.1	147.2	131.3	125	121.4	115.9	114.2	99.4	107.4	104.2	110.3	
Other race	188.8	93.1	126.6	137.1	83.3	104.2	86.9	92.7	80.5	127.5	122.4	121.4	156.3	116.7	83.1	95.7	109.7	85.7	
†Hispanic										144.4	154.7	129.8	115.9	134.5	103.4	135.3	121.9	74.9	
†Non-Hisp.										202.4	202.1	205.8	199.1	190.8	179.8	179.9	167.7	161.3	
Diabetes	328.4	275.9	278.5	250.9	243.4	245.3	231.9	244.8	227.4	234.8	247.6	243	223.8	222.3	196.9	212.1	183.6	169.2	
HTN	280.9	261.2	265.9	232.3	224.9	229.2	224.1	220.3	208.1	212.9	208.3	224.2	212.4	188.8	204.9	185.1	195.1	193.7	
GN	124	120.3	114.7	104.5	117.1	91	93.4	94.7	91.5	90.8	91.6	65.1	67.9	68.1	83.7	53.7	56.4	56.1	
Other cause	236.1	224.8	202.5	185.6	168.5	170.5	185.9	163.1	163.4	177.9	149.5	166.3	174.3	173.2	142.7	159.8	149.6	132.4	
All	256	230.3	229.5	208.5	202.9	202.2	199	199.1	189.2	195.9	197	197.5	189.4	183.6	171.6	174.6	162.5	151.7	
<b>ADJUSTED</b>																			
0-19	59.4	127.4	104	128	132.1	101.2	118.9	80.4	99.2	82.8	84.3	80	54	99.7	42.7	68.3	55.5	116.5	
20-44	120.3	121.1	116	96.1	92.9	91.5	93.8	92.1	77.4	68.6	63.7	60.8	55.1	46.8	48.2	40	62.6	43.2	
45-64	238.1	208.6	196.4	166.5	158.9	159.3	151.4	149.3	136.4	147.6	128.3	141.5	124.9	128.6	104.2	113.2	104.7	98.2	
65-74	412.1	347.2	349	315.8	311.6	292	268.3	280.8	285.8	274.4	272.1	258.8	269.2	246.9	223.8	232.3	206.5	212.8	
75+	595.4	585.4	536.6	537.2	478.6	513.7	526.8	493.5	442	475.6	499.4	497	465.9	446.4	450.5	422.4	402.2	337.9	
Male	335.1	320.1	298.6	268.3	260.1	253.8	235.3	237.4	229.3	234.2	211.2	225.7	198.3	198.4	180.3	197.4	172	164.7	
Female	361.2	307.6	304.5	268.2	254.4	253.4	256.5	251.2	225.8	230.6	242.4	226.3	234.6	219.9	202.6	187.2	193.2	174.9	
White	377.4	343.6	325.8	293.1	285	278.1	267.2	258.9	249.2	256.5	249.9	252.8	236.6	229.9	216.1	216.8	200.4	182.5	
Af Am	328.2	299.1	281.4	240.7	225.4	228.8	230.6	256.7	218.5	199.9	185.8	177.4	169	169.9	144	150.9	149.3	163.9	
Other race	286.1	136.1	193.3	194.1	118.2	152	122.8	131.3	102.5	153.3	146.1	156.6	191.6	151	97.5	116.1	125.6	106.2	
Diabetes	431	357	354.3	313	302.1	303.9	278.7	292.9	269.8	275.3	280.1	276.2	252.4	251.2	216.3	233.2	202.7	184.7	
HTN	298.4	281.5	274.9	236.7	229.2	230.6	223.5	217	207.7	203.3	195.9	209.2	200.2	177.8	187.2	169	180.3	174.3	
GN	183.9	185.2	165.7	164	172.4	137.7	137.5	142.5	132.2	130.4	128.3	95.2	98.1	98.1	117.9	73.7	82.8	84.1	
Other cause	312.6	311.6	280.5	259.4	234	236.9	261.2	227.4	226.5	251	202.6	225.9	230.3	229.1	186.5	216.5	200.7	177.8	
All	347.2	314.2	300.8	268.3	257.5	253.4	244.5	243.5	227.3	232.1	224.8	225.7	214	207.1	189.7	192.4	180.6	168.4	

Table H.36

**First-year mortality rates, transplant**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
0-4	32.1	44.5	28.2	72	51.3	27.8	22.2	17.7	.	13.2	.	.	13.4	16	12	25.3	37.7	27
5-9	11.4	13.4	11.3	59.2	.	.	.	12.7	10.7	.	.	.	.	.	.	.	11.3	.
10-14	6.5	19.5	21.2	67.3	21.7	21.5	.	.	.	6.6	.	.	.	.	.	7.7	6.2	.
15-19	19.3	7.3	4	43.8	12.2	13.1	.	14.9	3.3	.	4.2	9.1	3.6	.	.	.	.	7.8
20-29	17.1	11	14.5	9.7	8.3	3.6	8.3	8	2.7	4.7	4.7	6.8	4.9	4	6.2	3.4	4.4	2.2
30-39	17.5	17.3	10.1	13.8	12.2	11	12.5	9.9	9.1	10.8	8.3	8	7.7	9.4	5.7	8.2	5.5	5.3
40-49	32.6	23.7	26	25.9	14.5	12.8	14	14.8	19	15	14.5	10	14.9	11.6	15	11.8	10.6	10
50-59	34.3	47.3	33.4	29.4	22.5	30.5	30.2	29.2	29.4	18.5	27.2	16.4	22.4	25.2	22.1	20.9	19.1	21.5
60-64	36.1	47.6	27.2	49.4	47.5	23.3	36.9	27	28.9	40.5	33.7	30.7	29	26.9	29.7	23.6	29.2	20.1
65-69	61.2	93.8	52.1	50.1	32	57.4	72.2	37.6	50.3	40.7	36.5	45.1	33	44.5	30.5	28.8	27.5	31.3
70-79	39.2	32.8	35.1	58.3	71.5	24.1	48.2	37	50.6	45.6	58.3	80.4	36	54.1	46	46.8	50	34.5
80+	.	.	.	1099	693.1	.	.	693.1	.	.	.	.	182.3	133.5	.	.	.	.
Male	26.3	28.3	22.9	28	18.1	17.1	18.6	19.3	19.2	17.3	16.7	16.3	16.7	20.8	18	17.2	18	18.2
Female	23.9	21.8	17.4	21.3	17	16.2	19.3	14.5	16.6	15.6	19.5	14.6	16.5	15.1	16.3	15.5	13.9	11.5
White	26.8	25.8	20.8	27.6	17.4	16.7	18.8	17.7	20	17.1	16.8	15.4	16.1	18.3	15.8	17	17.1	16.3
Af Am	22.5	25.6	20.8	16.3	19.5	18.7	19.5	17.4	14.1	14.8	22.5	16.4	19.3	18.9	21.5	16.1	14.7	14.3
Other race	11.7	26.3	19.4	26.1	12.7	8.3	18.4	13.3	9.4	17.1	10.5	14.8	12.5	18.3	17.7	12.2	15.9	13.4
†Hispanic										18.6	5	11.8	13.6	23	15	10.5	14.4	11.5
†Non-Hisp.										16.4	19.3	16.1	17.1	17.8	17.6	17.4	16.7	16.2
Diabetes	37.1	31.9	24.9	26.9	27.4	21.5	31.4	23.9	25	22	23.3	20.7	22.9	27.2	25.3	22.8	23	23.5
HTN	20.4	23.1	17.9	25.9	16.1	20	18	16.5	16.8	13.6	25.3	15.7	20.4	26.3	21.8	12.4	17.9	11.7
GN	17.4	15.5	11.9	15.1	12.4	13.1	7.3	10.2	13.7	10.9	9.3	10.8	10.8	7.8	6.9	11.4	11.6	8
Other cause	27.5	32.5	27.3	33.5	15.3	14.3	18.3	18.5	16.8	18.4	15.7	14.5	13.3	14.1	14.9	16.6	13	15.6
All	25.4	25.8	20.7	25.3	17.7	16.7	18.9	17.4	18.2	16.6	17.8	15.6	16.6	18.5	17.3	16.5	16.4	15.6
<b>ADJUSTED</b>																		
0-19	18.1	16.7	13.3	57.8	18.8	16.2	3.6	11.5	3.4	3.6	2	4	3.5	2.1	2	5.7	8.4	7.2
20-44	25.3	20	19.8	19.7	15.4	13.1	13.9	12.3	11.3	12	11.8	8.8	12.2	10.3	11.1	9	6.4	6
45-64	43.3	49.2	34.7	36.5	26.6	25.5	30	27.9	30	24.3	26.9	20	23.1	24.4	23.4	21.5	22.3	20.8
65-74	61.2	98.3	58.7	61.7	46.4	55	72.6	42	51.1	44.7	45.8	56.3	31.8	48.2	36	31.4	37.3	32.2
75+	61.2	98.3	58.7	61.7	46.4	55	72.6	42	51.1	44.7	45.8	56.3	31.8	48.2	36	31.4	37.3	32.2
Male	84.1	87.3	70.5	81.8	51.6	47.2	49.9	50.2	48	41.8	39.3	36.6	37.1	43.6	37.3	34.4	35.3	35
Female	79.8	71	55.4	66.9	51.3	46.8	54.6	39.7	45.1	39.8	49.2	35.6	40.1	34.8	36.5	33.3	30.2	24
White	89	83.3	65.9	83.3	50.8	47	52	47.3	51.4	42.4	40.9	35.4	36.9	39.3	33.5	34.2	33.9	31.4
Af Am	60.8	67.5	56	43.9	51.2	47.5	46.7	41.9	33.1	33.5	49.4	35.5	41	39.4	43.6	32	29	27.1
Other race	38.4	83	49.5	66.1	33.1	20.9	44.2	29.3	24.2	35.6	22.2	30.6	24.2	34.3	32.7	22	27.9	24
Diabetes	89.1	75.9	59.8	62.4	61.5	46.6	67.1	49.3	50.1	42.7	43.8	38	40.7	46.5	42.7	37.4	36.8	37
HTN	43.5	46	35.6	49.2	31.2	37.2	32.7	30.3	29.9	23.4	42.3	25.8	33.3	41.6	33.7	18.6	26.9	17
GN	56.8	49.2	37.4	46.3	36.6	37.9	21.4	28.7	37.1	28.8	24.3	28.1	27	18.8	16.3	26.1	25.8	18.5
Other cause	77.6	91.8	77.6	93.8	42.7	38.1	49.1	48.8	43.6	46	38	34.2	31.6	31.4	33.2	36.3	27.1	32.4
All	81.6	80.4	64.1	75.3	51	46.7	51.2	45.7	46.4	40.6	42.6	35.8	37.8	39.8	36.6	33.6	33	30.5

Table H.37

**Second-year mortality rates, ESRD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
0-4	60.6	64.5	61.2	47.6	37.7	37.4	27.9	72.3	40	43.7	42.6	37.3	36.4	58.3	10.1	56.1	33.2
5-9	20.6	25.6	10.3	27.4	0	0	43.5	25.3	10.5	10.9	13.4	24.1	11.2	0	11.7	9	24.7
10-14	0	22.7	25.8	29	10.2	16.3	15.9	9.9	20	15.1	11	5.7	5.8	10.7	29.3	23.2	26.8
15-19	19.6	32.1	15.8	19.8	29.7	16.8	21.9	12.9	16.7	37.3	32.5	22.3	31.5	28.5	24.1	19	18.1
20-29	72.7	52.7	49.9	59.1	57.5	53.5	43.8	41.7	52	43.7	47.1	36.4	45.6	45	50.9	55.2	40.8
30-39	97.8	85.1	89	90.8	96.3	93.3	80.2	90.6	75.5	76.4	76	79.7	67.8	71.6	71	60.9	72.6
40-49	123.1	120.3	124.9	111.3	127	109.8	114	111.3	105.4	112.4	105.1	98.5	105.4	106.3	97.5	98.1	96.6
50-59	194.3	191.5	167.2	179	171.5	169.5	157.8	153.6	161.1	153.2	150.7	160.5	150.9	146	147.1	137.5	137.6
60-64	250.1	241.2	237.3	240.5	233.5	232.3	217.6	208.6	213.7	206	209.3	208.6	197.2	187.4	188.8	184.9	173.5
65-69	278.2	269.5	277.6	288.1	279.2	264.3	251.7	259.5	254.2	251.4	259.9	248.3	243.2	234.5	209.7	225.8	212.9
70-79	358.3	348.5	344.5	356.2	346.1	331.5	335	330.4	326.7	323.9	338	318.9	310.6	316.1	297.4	298.9	286.4
80+	521.4	513.3	425.3	476.8	498.3	462.8	484.4	458.1	457.2	459.4	473.4	443.1	448.4	438.4	434.9	428.7	406.6
Male	213.6	202.6	202.9	212.1	214.7	207.2	201.2	204.3	198.6	205	214.9	207.3	205	200.8	200.4	200.3	194.4
Female	204.4	206.1	201.8	214.1	217.5	209.5	212.3	210.7	214.4	212.3	221.5	218.8	215.7	219.4	204.4	206.5	197.6
White	224.6	229.8	225.7	238.1	242.1	234.6	236.7	237.4	235.6	240.9	251.5	241.3	236.4	237	230.3	230.7	223.4
Af Am	181.9	157.1	161.6	169.1	175.4	165	156.5	156.8	156.8	152.4	161.3	164.9	167.7	160.6	156.3	156.5	151.8
Other race	170.6	169.3	151	159.9	130.7	149.7	144.9	154.7	167.4	176.8	174.8	171.4	153.5	165.4	143.7	156.8	137.5
†Hispanic										181	187.1	174.8	167.5	158.9	164	163.8	152.8
†Non-Hisp.										212.1	221.9	217.6	215.8	217.5	207.6	208.7	202.4
Diabetes	277.1	268.9	257.3	270.2	264.2	254.1	248.4	249.6	245.9	246.9	253.9	246.4	237.9	235.5	226.6	228.1	215
HTN	224.6	211.3	212.9	231.8	230.4	219.5	223.3	215.9	212.9	215.2	227.8	223.1	226.3	221.7	218.3	217.1	216.1
GN	124.5	116.5	124.4	119.6	130.5	123.4	117.9	119.6	118.8	117.6	123.5	115.3	118.2	114.4	106.1	107.4	99.6
Other cause	175.9	178.4	163.1	162.1	170.1	164.9	159.8	166	171.2	173.7	179.7	177.8	172.4	179.9	169.9	173.1	167.8
All	209.4	204.2	202.4	213	216	208.3	206.3	207.3	205.9	208.4	217.9	212.6	209.9	209.2	202.2	203	195.8
<b>ADJUSTED</b>																	
0-19	34.1	55.7	37.3	43.7	36.7	28.7	39.1	33.8	32.8	48.7	42.5	32.1	37.7	40.4	35.9	38.2	36.9
20-44	107.7	94.4	93.9	94.1	102.9	94.8	89.4	89.8	85	83.6	76.6	78.5	76.6	77.7	78.9	75.2	75.6
45-64	212.6	205.4	188.3	191.4	185.8	179.5	167.5	161.5	163.9	158.9	158.2	158.9	152.2	146.7	145.3	139.1	137
65-74	310.4	297.4	299.8	310.9	299.2	282.9	284.4	281.3	270.5	273.7	281.7	266.3	257.5	256.1	231.7	240.4	227.3
75+	448.6	441	399	425.6	425.8	404.9	402.5	399.6	407.6	392.4	408.8	383.4	381.1	377.7	369.5	371.4	353.1
Male	308.4	285.9	272.7	279.6	275.3	260.9	247.4	245.4	238.9	238.6	240.5	228.7	221.3	214.7	212.5	211	203.6
Female	263.2	261.9	245.7	254.8	251.1	237.9	237.8	231	233.3	225.2	228.7	223.1	218.5	218.2	201.3	202.5	193.3
White	309.9	307.2	285.7	295.3	290.1	273.7	270	263.5	260.1	256.9	258.6	243.6	234.8	232.6	223.5	222.1	213.9
Af Am	246.9	214	215.6	221.1	223.9	210.5	196.8	194.5	193.5	185.2	191.7	194.8	198	187.1	180.2	180.8	175
Other race	254.1	237.3	204.3	204.9	164.8	183.1	172.6	180.8	187.4	192.2	181.2	182.8	157.8	167.9	148.9	160.6	139.5
Diabetes	362.5	345.8	321.8	330.5	316.7	299.7	287.8	285.3	278.8	274.2	275.4	265	253	247.4	236	237.4	222.2
HTN	245.7	228.9	223.1	238.3	232	221.4	219.7	209.3	208.1	204.5	211	203.8	206.2	200.1	195.9	191.8	192.3
GN	211.5	194.9	199.2	189.7	201	188.3	178.9	173.8	175.8	165.9	171	158.7	156.6	153.6	146.4	144.9	137.2
Other cause	239.4	241.1	216.3	217.7	226.9	215	209.9	213.8	215.2	216	215.3	211.3	202.9	209.9	198.5	201.4	196.6
All	286	273.7	259.4	267.3	263.2	249.3	242.3	238	235.8	231.7	234.5	225.7	219.6	216	206.8	206.7	198.4

Table H.38

**Second-year mortality rates, dialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
0-4	142.6	113.6	98.4	69	44.5	69.7	49	120.7	72.4	77.5	92.8	46.5	46.5	147.8	19.4	77.7	83.1
5-9	.	.	39.2	61.7	.	.	32.8	32.8	.	30.8	.	67.4	33.9	.	26.7	27.4	31.7
10-14	.	73.8	.	66.4	14.6	31.3	36.1	30.9	29.8	40.1	28	15.5	.	16	69.5	40	55.3
15-19	22.7	35.8	25.5	25.1	43.3	25.2	43	19.9	24.5	66.1	60.7	41.4	57.8	53	39.2	20.3	24.1
20-29	111.2	79.8	79.5	93.7	89.1	77.2	64.4	60.1	75.4	64.2	66.9	49.5	60.6	60	65.1	72.2	55.5
30-39	138.5	116.5	124.9	123.7	132.8	125.8	108.3	118.5	99.6	98.6	93.4	101.8	86.2	89.2	88	75	87.2
40-49	163.1	147.3	151.3	130	158	132.2	139.4	131.9	123.4	130.3	122.6	113.9	119.6	120.2	112.3	112.3	110.8
50-59	217.8	210.5	183.8	195.7	190.8	187.3	173.8	168.6	176.3	166.4	165.9	175.6	163.5	158.5	160.7	151	150.1
60-64	258.7	250	249.2	252.5	242.5	242.3	224.9	217	223.8	215.7	218.9	220.4	206.8	198.6	199.6	197.9	183.5
65-69	281	272.5	280.8	292.2	283.9	267	255.1	262.7	260.4	257.3	267.2	254.4	250.4	242.2	218.1	235	220.6
70-79	359.7	349.2	345.3	357.6	346.5	331.7	336.3	331.5	328.7	325.2	339.3	320.5	312.6	319.1	299.7	301.8	289.5
80+	522.2	513.3	424.6	476.7	498.3	462.2	484.4	458.1	457.4	459.5	473.3	443	448.7	438.5	435	428.9	407.1
Male	263.2	243.5	241.3	249.3	249.9	238.6	230.8	231.1	226	229.9	239.1	229.4	223.9	219.5	219.8	220	212.6
Female	237.5	235.2	229.8	239.6	244.8	232.7	235.5	231.8	234.5	230.5	239.9	236.2	233.2	237.3	219.8	222.4	212.7
White	283.9	284.1	276.5	288.2	290.5	277.3	278.6	275.3	274.2	276.4	286.8	272.4	264	264.7	257.7	258.4	248.8
Af Am	197.9	168.2	171.9	177.1	185	173.9	164.7	164.4	164.3	158.1	167.1	171.4	174.1	167.1	161.5	162.2	157.3
Other race	202.6	193.3	181.1	179.8	151.9	164.2	162.5	169.6	181	191.9	185.9	184.2	163.6	176	152.8	167.5	148.9
†Hispanic										196.8	202.3	189.4	179.7	170.6	175.6	175.8	163.3
†Non-Hisp.										234.8	244.4	238.5	235	237.1	226.1	227.8	220.3
Diabetes	323.6	306.1	291.2	299.8	291.7	278.8	269.6	269.9	264.9	264.2	269.9	261.7	250.5	247.2	238.4	240.9	224.7
HTN	245.4	228.7	228.1	247.9	245.4	232.8	236.9	227.4	225.2	225.5	238.8	232.3	235.8	232	227.3	226.1	225.5
GN	167.6	154.3	166.6	154.5	169.8	157.1	151.8	149.5	146	146.4	151.9	140.5	142.5	140.2	129.9	132.2	123.5
Other cause	221.2	219.5	202.4	201	213.2	202	198.1	202.7	209.2	206.6	213.9	210.7	203.5	213.3	201.3	203.6	199.9
All	250.9	239.5	235.8	244.7	247.5	235.8	233	231.4	230.1	230.2	239.5	232.6	228.1	227.7	219.8	221.1	212.6
<b>ADJUSTED</b>																	
0-19	58.2	92.6	56.5	81.9	64.1	56.9	80.5	69.7	58.1	111.2	105.6	75.3	82.5	98.6	80.3	62.8	69.5
20-44	153	129.9	132.1	128.8	143.9	128.4	123.6	120	112.9	110.3	98.4	101.9	96.6	97.3	99.7	95.2	94.4
45-64	237.6	225.7	208.5	209.9	207	200.4	185.6	178.9	182.3	176.1	176.1	176.8	167.8	161.7	160.9	154.7	151.1
65-74	311.4	298.9	301.6	313.9	302.2	284.9	287.5	284.1	275.4	278.3	287	271.3	263.2	262.8	238.3	247.6	234.2
75+	449.3	440.8	399	425.9	425.6	404.2	402.9	399.8	408.1	392.8	409.2	383.6	381.5	378.3	370.3	372.3	354
Male	320.4	294.2	281.8	289.6	284.6	270.1	256.1	253.5	248.6	247.4	250	237.8	228.3	222	221.2	220.3	211.7
Female	272.3	268.8	254.6	262.5	262.6	246.9	248.4	240.8	242.7	234.7	239.1	233.2	228.9	229.1	211.3	212.7	202.8
White	322.9	318.5	298.5	308.9	304.7	286.8	284	276.6	274.3	271	273.9	257.7	247.5	246	237.6	236.5	227
Af Am	250.9	214.8	216.7	220.7	225.7	212.5	198.8	196.7	195.5	186.3	193.3	197.4	200.6	189.9	182.4	183.4	177.4
Other race	254.6	236.1	213.5	206.8	171.3	184.3	177.7	184.6	192.4	198.8	186	187.7	162.4	173.1	153.5	165.7	144.8
Diabetes	385.6	362	337.4	344.9	331.9	314	300.6	298.2	292.7	288	288.8	278.6	264.1	257.6	247.3	249.7	231.4
HTN	255.2	236.7	230.6	247.1	240.8	229.1	228.3	217.3	216.6	212.1	220.1	211.5	214.2	208.8	204	200.2	200.8
GN	212.1	195.9	205	190.8	206.3	190.9	184.3	176.1	176.9	171.4	175.7	163.1	160.7	160.2	151.5	151.4	143.1
Other cause	248.2	247.9	223.7	225.6	237.3	223.1	220.4	222.9	227.1	224.1	225.4	220.9	212	220.9	209.3	210.6	207.7
All	296.6	281.7	268.6	276.4	273.9	258.6	252.3	247.3	245.7	241.2	244.7	235.6	228.5	225.2	216.4	216.6	207.4

Table H.39

**Second-year mortality rates, hemodialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
0-4	287.7	.	336.5	154.2	133.5	510.8	287.7	.	.	693.1	.	.	.	287.7	.	133.5	.
5-9	.	.	117.8	.	.	.	.	.	.	80	.	95.3	.	.	.	.	.
10-14	.	118.6	.	.	.	35.1	54.1	30.8	.	25.3	35.1	33.9	.	.	86.6	22	56.6
15-19	23	40.4	29.4	22.3	52.7	23.6	38	11.6	28.6	75.5	77	25.5	67.2	75	33.5	26.6	31.1
20-29	108.5	82.3	81.2	90.3	91.5	86	67.4	63.2	81.3	66.7	65.9	47	60.7	67.9	58.8	72.1	58.8
30-39	137.4	114.4	125	122.9	132.8	128.4	112.9	117.8	102.5	101.1	92	102.9	86.7	91.4	87.4	79.1	92.5
40-49	165.6	147	145.8	131.9	156.8	129	133.6	127.2	122.1	131.1	119.9	113.1	116.7	121.6	113.3	113.3	113.8
50-59	208.4	206.4	179.6	194.5	183.6	182.8	168.6	159.8	171.3	159.8	159.6	173.6	164	156.2	159.9	151.7	152.9
60-64	256.7	245.3	239.1	242.7	231.5	228.9	223.6	207.8	211	208.5	215	213.8	205.4	200	198.7	198.9	180.8
65-69	277.2	269.4	271.6	289.9	274.6	258.2	245.4	263	255.6	248.6	259.4	250.6	245.5	238.4	216.9	235.5	220
70-79	359.4	343.5	336.7	352.6	340.6	327.5	333.1	322.8	319.4	320.6	339	318	311	315.1	301.8	302.6	293.9
80+	513	499.9	413.5	477	495.8	453.4	482.6	452.2	451.2	460.5	475	448.4	449.6	445.9	440.1	429.2	407.5
Male	268.5	242	238.4	250.6	249.2	238.2	232.8	231.9	225	229.2	239.9	229.5	224.6	220.9	221.4	223.5	215.7
Female	234.7	238.4	230	244.6	246	234.4	237.5	230.8	235.3	232.8	240.8	238.9	237	241.2	224.4	225.8	217.9
White	288.4	290.2	279.9	295.4	295.3	281.6	284.9	280.1	276.2	281.7	291.3	275.5	268.4	269.2	263.6	264.2	255
Af Am	200.5	169.6	170.6	181.3	186	175.5	166.8	162.7	167.2	158.2	168.1	173.4	176.1	169.6	163.7	165	160.1
Other race	190.8	177.7	170.8	182.7	150.1	169.5	170.5	176.8	179.5	192.9	188.4	187.7	166.4	182.5	154.7	171.1	156.4
†Hispanic										196.6	198.2	192.7	176.8	173.6	174.9	179.8	163.2
†Non-Hisp.										235.7	246	239.5	238	239.8	229.8	231.3	225.3
Diabetes	317.8	301.6	279.7	292.1	281.6	269.4	262.8	262.8	254.8	257.2	263.2	256.7	247	245.3	236.6	240.8	224.3
HTN	245	229.5	226.3	250.7	244.2	232.8	237.5	226.6	226.1	224.6	240.3	235.1	238	232.4	229.8	229.7	228.4
GN	175.3	150.9	170.5	169.6	180.6	166.7	160.8	153.1	150.8	158.4	157.4	144.1	151.4	149.6	134.8	134.9	126.7
Other cause	226.9	228.1	210.9	210.3	225.5	215.3	213	212.8	223.8	217.6	226.3	220.3	212.7	225.2	213.8	213.5	216.2
All	252.2	240.3	234.4	247.8	247.6	236.4	235.1	231.4	229.9	230.9	240.3	233.9	230.3	230.3	222.8	224.5	216.7
<b>ADJUSTED</b>																	
0-19	62.7	87.7	74.2	44.7	90	69.4	95.4	27.7	41.9	138.7	132.7	60.7	107.9	125.7	77.7	54.2	60.6
20-44	155.1	128.5	132.9	131.1	148.1	133.3	125.7	118.8	116.9	112.5	96	102.7	97.4	101	99.9	98.5	100
45-64	233.4	224.4	203.4	208.4	201	195.8	184	173.1	177.5	173.6	173.9	175.4	168.7	162.7	161.6	156.7	153.1
65-74	309.4	294.2	292.5	310.2	298.1	279.9	281.4	282.3	270.1	272.4	286.1	269.4	261.3	260.8	239	249.6	237.3
75+	441.1	431	389.3	424.7	416.9	398.6	404.5	392.6	399.5	392.1	407.8	384.7	380.9	379.3	375.3	373.2	356.6
Male	321.3	288.1	273.5	285.8	278.9	265.8	254.8	250.8	243.9	243.7	248.7	236.3	227.3	221.9	222.1	222.4	214.2
Female	262.8	265.9	248.6	261.3	257.6	242.5	244.6	233.9	238	232.4	236.8	232.7	229.4	230.1	213.4	214.2	205.8
White	317.1	314.2	291.3	304.7	298.4	280.9	280.9	272.5	267.3	268.5	272	255.5	246.4	245.8	239.3	238.1	229.6
Af Am	248.2	212	209.9	221	221.9	209.7	196.6	190	195.2	183	191.7	197.4	200.8	190.5	183.1	185	178.9
Other race	234.4	214.6	197.1	205.5	163.5	184.8	179.6	185.1	185.2	195.3	185.3	188.3	162.1	175.4	153	166.1	150.3
Diabetes	376.2	354.9	321.7	333.6	318.6	301.2	291.4	288.6	279.6	278.8	280.9	272.6	259.5	254.8	245.2	249.3	231
HTN	253.8	236.3	227.4	248	237.9	227.8	226.5	215.3	215.5	210.7	220.9	213.4	215.4	208	206	202.8	203
GN	217.3	185.7	204.1	200.4	210.8	193.6	188.9	171.2	176.7	179.4	177.4	162.5	166	166.4	154	151.2	143.4
Other cause	249	251.8	225.9	229.2	242.2	229.7	229	225.6	234.9	228.8	233.4	226.5	216.7	229.4	218.1	216.7	221.5
All	292.1	277	261.3	273.7	268.3	254.1	249.7	242.4	240.9	238.1	242.9	234.4	228.1	225.6	217.8	218.4	210.1



Table H.40

**Second-year mortality rates, CAPD/CCPD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
0-4	114.7	117.1	51.3	54.1	29.9	30.8	.	147.6	101.7	65.6	128.5	57.2	27.4	121.9	23.5	70.5	104.6
5-9	.	.	.	107.1	.	.	51.3	57.2	.	.	.	54.1	48.8	.	.	39.2	48.8
10-14	.	.	.	111.7	.	35.1	26	39.2	33.9	52.8	26.7	.	.	36.4	54.8	41	62
15-19	26	26.7	17.1	35.1	.	30.1	62.7	36.8	.	46.6	23	90.7	25.3	.	39	.	.
20-29	123.8	78.5	76.9	98.3	91.9	61.1	58.6	54.5	59.5	58.4	70.8	69.3	71.5	20.9	107.1	73	38
30-39	145.6	130.5	125.6	135.4	126.8	118.8	101.1	120.1	87.8	93	105.3	93.5	91.4	81.3	92.9	49.7	54.5
40-49	159.2	154	181	122.1	166.4	134.4	155.7	146.5	126.1	124.6	138.9	119.9	143	114.2	111.2	111.5	96.9
50-59	272.1	242.5	215.2	213.1	228.1	207.5	197.8	208.7	201	201.4	200	198.1	168.1	181.9	173.2	148.8	131.6
60-64	264	289.5	321.9	333.6	313.5	310.7	229.6	270.6	286.1	266.8	259	277.6	222.9	195.7	216.6	197.6	233.9
65-69	343.1	335.2	359.4	326	367.8	325.6	310.6	272.8	298.8	338.5	348	312.6	313.7	309.4	245.1	259.9	257.7
70-79	395.4	442.8	461.2	451.9	398.4	398.2	409.5	416.1	428.8	412.7	378.8	402.4	391.5	420.4	331.7	359.4	316.9
80+	788.5	738.6	607.8	569.9	624.2	576.9	639.4	560.9	655.8	552.1	582.2	471.1	574.8	460.8	464.5	533.6	559.2
Male	255.4	272.4	270.6	264.4	262.1	241.9	229	233.9	236.2	244.4	244.4	245.6	233.5	219.6	223	199.4	210.4
Female	254.2	228.2	242.6	225.8	243.6	226.9	232.4	234.8	233.4	223.3	236.7	221.9	213.5	215.7	188.5	204.4	178.4
White	280.5	278.4	284.1	287.7	282.7	266.4	268.1	264.6	274.6	265.9	274.4	268.8	252.5	254.1	237.7	236.5	235.4
Af Am	179	163.7	184.4	144.3	189.5	160.8	150.2	173	144	155.9	156.7	153	156.8	134.7	132.2	127.2	121
Other race	285	343.3	263.6	147.2	154.2	145.7	119.7	132.9	183.6	194.5	173.6	166.7	150.1	127.4	142.1	128.1	84.7
†Hispanic										195.5	239.2	164.9	203.4	160	187.3	140	176.5
†Non-Hisp.										239.8	241.1	243.5	227.1	227.1	209.1	210.8	198.2
Diabetes	355.5	348.4	367.1	357.6	345.6	318.5	316.6	306.6	319.3	311.1	319.9	312	286.8	266.3	261.4	248.5	237.6
HTN	262.4	230.9	257.8	242.9	254.4	233.4	231.2	234.1	218.7	240.5	228.6	218.1	227.2	241	215.2	196.4	209.3
GN	149.4	179.8	158	114	152.2	127.5	116.5	139.3	126.7	106.1	128.7	129.7	96.9	92.8	103.1	114.2	112.4
Other cause	203.6	202.4	174.1	170.8	166.3	161.7	152.9	168	161.3	168.4	168.7	157.7	174.8	173.4	149.9	162.8	139.3
All	254.8	251.3	257.6	246.3	253.8	234.9	230.6	234.3	234.9	234.5	240.8	234.3	224.2	217.8	206.7	201.8	195.6
<b>ADJUSTED</b>																	
0-19	59.2	81.4	33.4	129.1	12.8	49.8	72.5	120.3	56.6	84	77.1	93.4	40.5	69.8	60.6	63.5	88.8
20-44	147.3	141	132.6	123.7	136.7	114.4	121.8	119.7	101.1	103.9	113	101.8	99.6	80.4	106.3	75.4	61.4
45-64	261.9	243.8	249.2	232.8	241.4	218.4	192.8	209.5	201.8	190.5	192.4	191.7	169.8	162.1	165.8	146.1	149.9
65-74	364.6	379	398.1	374.4	352.8	333.3	343.6	313.3	319.9	354.5	319	331.3	324.6	327.6	267.9	281.5	246.3
75+	578.2	617.3	555.7	532.9	557.4	536.6	497.9	538.8	594.1	486.7	536.6	456.9	489.1	467.5	391.3	447.6	470.9
Male	351.8	365.7	357.8	350.6	338.2	309.2	283.1	289.2	289.3	295	281.5	280.6	263.8	246.8	244	223.7	230.1
Female	360.2	334.1	340.9	306.3	325.6	302.1	307.5	307.7	298.7	282.4	293.8	276.1	269.2	267.5	227.3	242.6	215.9
White	386.2	383	378.2	377.2	361.7	338.4	329	322.4	330.9	315.7	315.4	307.5	289.9	285.6	261.7	259.3	255.2
Af Am	312	282.7	306.6	239.6	303.9	258.8	241.7	277.7	219.5	244.7	242.7	230.7	232.9	205.3	194.6	183.5	179.1
Other race	460	542.9	394.6	219.3	220.4	214.8	171.5	191	239.4	237	206.7	213.7	198.2	173.7	172.1	164.6	98.9
Diabetes	477.7	462.1	477.5	460	439.9	407.4	392.2	378	389.6	376.2	375.9	369.4	337.9	311.3	296.7	284.2	267.9
HTN	295.8	259.5	284.7	264.8	275.5	248.5	247.7	244.1	232	243.1	226.7	213.4	225.5	242.9	206.9	190.6	204.5
GN	211.3	268.7	226.1	174.4	221.2	192.3	166.8	209.1	185	150.1	180	184.8	139	131.1	143.7	159.5	164.5
Other cause	271.3	276.5	238	235.4	230.9	222.6	212.8	233.7	224.7	240.6	226.9	213.9	234.1	229.5	198.7	223.8	186.7
All	355.5	350.8	349.7	329.9	332.6	305.7	293.4	296.9	293	288.7	286.4	278.1	265.2	254.8	235.8	231.7	223

Table H.41

**Second-year mortality rates, transplant**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
0-4	.	30.8	.	.	.	.	.	18	.	27	36.4	16.5	13.6	.	12.1	12.9	12.9
5-9	11.6	.	.	.	10.5	.	23.3	.	10.8	10.6	15	.	.	.	.	.	23
10-14	6.6	6.6	.	.	.	.	7	6.6	6.8	.	.	.	.	.	15.5	15.5	6.2
15-19	6.5	11	4	7.5	4.1	22.2	7.6	15.1	6.6	15.4	8.5	4.6	7.1	4.4	8.4	.	11
20-29	21.8	20.4	9.5	9.8	12.5	14.6	10	5.4	8.2	10.3	9.5	6.8	8.9	8.1	12.5	10.4	12.1
30-39	28.1	19.3	20	17.4	20	16.4	15.2	17.1	15.5	16.2	15.6	13.2	15.1	16.5	15.7	12.9	14.4
40-49	41.3	28.3	31.2	28.3	21.7	25	22.3	29.7	18.1	25.6	16.8	21.1	18.5	17.8	25.9	18.5	18.8
50-59	49.5	45.8	42.9	31.1	26.1	35	35.1	39.1	32	35.8	27.9	28.2	25.5	31.2	34.8	30.3	23.9
60-64	60.6	62.9	72.9	43.6	45.3	43.8	45.8	52.4	44.1	38	32.2	42	35.3	41.2	45.9	50.6	39.5
65-69	104.4	67.8	54.9	52.8	52.5	56.7	46	62.6	77.4	50.1	59.8	50.9	52.6	65.2	43.1	64.1	65.5
70-79	.	69	36.4	83.4	77	76	104	78.5	61.1	76.2	54.8	64.9	66.4	73.6	71.8	51.4	46.1
80+	.	.	.	.	.	.	693.1	.	.	.	.	405.5	223.1	.	.	251.3	143.1
Male	38.4	30.2	28.9	22.6	23.6	24.8	24	29	24.3	24.6	22.9	25.4	24.3	27.9	30.1	29.6	26.4
Female	26.9	25.9	22.8	23.2	19.3	25	22.5	24.6	20.7	28	20.4	19.9	19.6	23.5	27.1	23.9	24.5
White	32.1	26.1	24.1	21.1	22.2	21.8	23.1	25.7	21.8	25.5	21.6	20.6	19.7	23.1	28.4	28	22.6
Af Am	43.3	40.5	37.3	30.7	22.6	33.9	28.1	33.7	26.9	31.8	22.5	31.8	31.3	34.5	33	26.6	34.2
Other race	23.9	15.3	19.8	16.6	12.9	33.8	8	20.3	21.5	6.5	23.5	20.7	19.9	28.9	18	21.7	25.7
†Hispanic										16.7	18.3	12	12.9	18	21.1	23.3	19.3
†Non-Hisp.										27	22.3	24.7	23.7	27.3	30	28	26.6
Diabetes	58.7	44.6	42.5	37.2	36.9	43.2	35.6	36.9	37.9	38.7	36.8	37	34.4	41.4	44.4	43	41.2
HTN	39	31.4	30.9	27.4	25.8	29.3	34.9	24.7	25.1	31.4	19.7	26.1	26.3	34	29.7	28.7	29.5
GN	16.2	18.4	14.7	12	13.9	14.2	12.9	18.4	15.1	18.2	13.5	12.2	15.4	14.5	19.8	16.5	12.8
Other cause	32.2	25.6	23	19.5	14.6	17.1	14.9	28.3	14.7	16.8	16.8	17	14.5	16.4	20.5	19.1	18.7
All	34	28.5	26.5	22.8	21.9	24.9	23.4	27.3	22.9	25.9	21.9	23.2	22.4	26.1	28.9	27.3	25.6
<b>ADJUSTED</b>																	
0-19	6.7	11.3	1.9	4	3.8	10.3	9	11.6	6.8	12.7	12.1	4	5.3	2.1	10.1	5.7	11.9
20-44	36.4	25.5	22.9	22.4	21.3	24.2	18.2	18.9	16.9	20.3	16	16.3	19.4	18.6	20.3	16.4	17.7
45-64	60.3	54.5	54.2	37.9	34.5	36.7	38.4	45.5	33.8	37.3	29.8	32.2	27.1	32.5	39.3	35	29.4
65-74	103.5	64.8	62	70.7	61.9	65.3	67.5	74.9	78	59.2	62.4	59.5	60.9	65.8	49.3	64	59.5
75+	103.5	64.8	62	70.7	61.9	65.3	67.5	74.9	78	59.2	62.4	59.5	60.9	65.8	49.3	64	59.5
Male	125	94.9	90.2	67.3	68.4	69.6	65.7	76.9	62.1	60.4	54.7	57.9	54.7	59.8	63.6	60.5	52.7
Female	90.8	85.2	73.2	73.6	58.7	72.9	64.2	67.7	56.5	72.1	52	49.4	48.1	55	61.4	51.8	53.6
White	108.4	85.6	77.3	64.5	65.7	62.2	64.9	69.9	56.9	63.9	53.2	48	45.6	50.4	61	57.4	45.7
Af Am	118.8	108.2	102	83.9	59.8	87.8	68.7	82.3	63.9	72.9	50.1	70.2	67.9	73.7	67.8	53.5	68.7
Other race	80	50	52.4	43.6	34.1	87.8	19.6	45.5	56.6	13.8	51.1	44.4	39.6	55.5	34	40.2	46.4
Diabetes	143	108.1	103.5	87.6	83.8	95.5	77.4	77.4	77.2	76.3	70.5	68.9	62.5	72.2	76.2	71.7	67.1
HTN	83.9	62.9	61.7	52.6	50.3	54.8	64.3	45.5	45	54.6	33.2	43.3	43.2	54.4	46	43.3	44.8
GN	53.9	59.4	47.1	37.2	42.1	41.9	38.5	52.8	41.9	49.1	35.8	32.2	39.1	35.8	47.6	38.2	29.1
Other cause	91.9	73.4	66.3	55.6	41.1	46.2	40.4	75.7	38.5	42.4	40.7	40.5	34.8	36.7	46.4	42.2	39.2
All	110.8	90.4	82.8	69	64	70.3	64.5	72.7	59.3	64.3	53.1	54	51.5	57.3	62	56.4	52.4

Table H.42

**Third-year mortality rates, ESRD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0-4	53.5	33.9	10.6	12.3	9.7	38.8	58.3	12.6	20.6	36.4	44.5	12.7	25	30.5	10.2	19.4
5-9	21.1	13.1	0	18.7	0	11.6	11.2	17.2	10.6	33.5	0	0	0	34.7	23.8	18.3
10-14	21.9	17.4	6.6	5.9	25.8	22.2	27.1	30.2	10.2	15.3	11.1	0	5.9	5.4	12	15
15-19	22.5	22.8	27.7	22.8	11	14.6	14.9	13.1	29.3	17.9	33.6	20	24.3	23.4	27.5	22.2
20-29	46.7	39.2	42.1	43.1	41	40.1	39.7	40.4	45.2	35.3	33.3	36	44.1	39.3	48.3	31.4
30-39	87.8	74.8	72.9	73	78.5	81.7	72.1	69.2	71.2	64	72.1	61.7	66.9	62.2	65.5	62.2
40-49	106.6	103.9	115.2	116.3	106.7	110.8	107.7	104.2	103.4	100.7	103.3	105.1	98.5	106.6	96.8	100.8
50-59	170.3	176.3	173.9	169.3	172.3	180.9	162.9	168	163.2	163.7	155.7	150.1	152.1	147	141.8	139.4
60-64	243.5	225.7	234.6	241.2	229	237	232.9	218.2	219	222	200	198.1	211.7	196.5	199.6	176.2
65-69	287.7	270.5	291.1	294.8	285.1	286.3	276.8	268.8	256.6	274.7	256.3	253.9	248.9	236.9	240.6	223.6
70-79	357.3	348.5	345.7	367.9	348.1	364	338.8	353	343.5	342.7	333.5	338.7	325	309.8	305.5	298.2
80+	424.7	507.2	496	504	500	476.9	493.8	506.2	503.1	454.4	476.7	504.5	486	455.1	461.9	418.8
Male	182.7	182.7	182.7	193.8	190.4	205.5	193.5	197.9	191	194.8	200.3	197.5	198.8	195.7	195.5	188
Female	187.2	180.5	201.1	203.9	205.5	205.8	204.5	207.7	208	211.7	204	212.5	211	200.5	201.1	191.9
White	197.1	201.8	208.7	220.5	219.2	231.2	222.2	229.7	223.3	229.2	227.5	229.6	232.1	225	222.8	216.1
Af Am	161.7	146.6	161.9	163	163.2	165.9	161.5	161.9	160	160	159.2	164.9	160.6	153.6	157.9	149.8
Other race	171.2	158.6	154	148.6	147.8	156.1	159.6	146.1	175.2	179	188.9	172	161.9	157.9	162.6	141.3
†Hispanic										180.1	174.3	171.4	178.2	154.5	161.6	153.9
†Non-Hisp.										205.6	205.7	208.9	208.1	205.3	203.4	195.2
Diabetes	250.6	249.6	259.7	256.9	259.5	259	256.3	247.6	251.3	252.4	246.3	247.1	245.5	235	227.1	218.9
HTN	204.3	195.5	201.7	211.3	212.6	220.6	212.7	224.7	209.3	210	215.2	215.3	213.6	207.8	218.4	207.4
GN	112.7	104.9	116.1	119.6	111.2	118.8	110.5	110.2	111.5	117.1	106.6	114.1	120.9	101	102.2	105.7
Other cause	150.3	146.8	141.3	156	140.3	156.3	138.9	149.4	144.9	149.4	152.2	154.1	149.8	155.7	156.9	145.7
All	184.8	181.7	191.1	198.4	197.3	205.6	198.5	202.5	198.9	202.5	202	204.4	204.3	197.9	198.1	189.8
<b>ADJUSTED</b>																
0-19	43.8	36.7	29.6	28.9	21.9	31.4	38	30.1	35.4	35.5	41.3	18.6	27.1	34.4	34.3	31
20-44	89.6	81.9	79.2	83	81.7	83.9	79.3	78.9	80.4	71.3	75.4	70.6	74.5	76.3	73	69
45-64	197.2	190.4	192.7	190.1	183.5	189.9	176.8	170.4	167.5	167.6	157.1	154.4	156.3	149.3	147.4	140.4
65-74	323.7	302	315.8	320.6	312	309.9	296.3	300.8	285.8	289.1	281.9	280	266.7	251.7	248.4	241.5
75+	404.9	440	417.5	453.6	416.5	440.6	420.7	428.9	429.6	418.8	404.1	419.6	408	387.4	390.9	365.5
Male	286.2	280.5	266.2	278.7	264.1	280.9	257.1	256.9	248.6	244.7	242.2	235.1	230.2	224.4	221.9	212.4
Female	259.1	247.1	263.4	261.9	255	249.9	245	243.7	241.2	240.1	224.7	230.8	227.7	211.6	209.7	199.4
White	297.7	295.6	288.4	300.6	286.6	293.6	275	276.2	267.1	263.9	252.5	249.5	247.2	236.3	230.6	222.3
Af Am	229.5	209	226.3	223.5	217.8	220.9	212.2	210.1	206	203.3	197.9	204.1	198.5	186.7	189.6	180.4
Other race	281.7	242.6	223.8	206.1	197	203.5	203.6	181.6	209.5	209.7	208.1	196	176.4	168.1	178.4	152.8
Diabetes	343.6	338	341.2	331.4	326.4	319.9	310.1	295.6	296.9	292.8	279.5	277.7	271.8	257	245.3	237.3
HTN	239.9	229.5	227.9	235.5	230.2	239.9	226	235.4	221.3	215.7	215.1	211.6	209.8	201.6	210.4	196.1
GN	209.6	190.8	205.7	209.7	186.8	199.7	183.7	175.4	179.5	180.8	160.8	172.4	176.2	146.9	152.8	155
Other cause	221	213	201	225.8	201.7	219.3	196.1	206.8	197.1	200.2	195.8	197.5	189.1	194.5	196.7	181.7
All	272.5	263.6	264.4	270.2	259.3	265.2	250.8	250	244.6	242	233.4	232.7	228.6	218	215.7	205.9

Table H.43

**Third-year mortality rates, dialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

<b>UNADJUSTED</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
0-4	180.1	87.3	.	44.5	51.3	64.9	164.3	37.7	37.7	71.6	146.6	.	.	.	60.6	.
5-9	167.1	95.3	.	105.9	.	57.2	64.5	91	.	109.4	.	.	.	44.5	80	40.8
10-14	119.4	37.7	26	23.5	94	46.6	88.8	109.7	44	30.8	29.9	.	30.8	.	.	16
15-19	43.7	45.4	65.6	47.9	23.7	18.9	21.3	31.1	47.4	25.2	37.8	38.7	47.4	42.9	58.6	45.2
20-29	81.2	74.3	80.3	80.3	73.8	75.6	67	72.2	63.2	57.9	54	61.2	62.8	54.9	73.8	46.8
30-39	144.3	117.3	120.4	118.9	125.8	129.5	110.9	105.8	107.9	90.8	101.4	83.6	91.2	85.6	88.2	84.4
40-49	151.4	144.6	164.4	157.8	150.9	156.8	143.5	137.9	133.3	128.2	129.2	131.9	123	133.4	122.1	122.3
50-59	201.6	209.1	204.5	199.1	201.8	213	190.2	198.1	189.8	189.6	180.8	173.1	173.8	170	163.4	159.9
60-64	260.9	243.6	252.2	258.3	249.7	256.8	252.4	234.1	241.6	242.2	218.4	213.1	230	216.1	221.2	193.4
65-69	293.5	275.6	299.3	305.3	294.8	294.3	285.7	277.8	266.8	284.9	266.8	266.4	264.2	249.8	256.5	239.7
70-79	359.7	350	346.6	370.1	349.7	365.3	340.4	355.5	346.9	345.6	336.3	342.1	328.8	314.7	309.5	304.1
80+	425.7	507.2	496	505.3	500	476.9	494.2	506.2	503.4	454	476.9	505.2	486.1	455.6	462.2	419.7
Male	248.6	245.1	242.9	252.9	246.1	261.6	243.3	244.2	235.2	235.3	237.8	232.7	231.8	227.8	228.1	218.8
Female	236.6	224.8	247.9	247.6	248.5	247.4	240.8	244.8	241.9	243.9	233.6	242.2	239.8	228.2	227.5	216
White	280.6	283.6	289.2	301.7	296	307	289.5	295.6	286	287.9	282.7	281	280.8	271.1	268.7	258.2
Af Am	184.9	166.5	183	180.6	180.9	184.8	178.3	177.4	174.6	173.3	169.9	176.5	171.8	164.9	168.2	161
Other race	229.3	200	207	184.5	187.2	188.7	192.9	171.6	201.1	203.4	209.7	194.8	180.6	176.9	183.3	159.7
†Hispanic										207	201.7	196.9	199.3	175.5	182.6	173.6
†Non-Hisp.										244	240.4	242.8	240.9	237.3	234.7	224.4
Diabetes	317.1	309.7	318.6	307.1	306.7	306.5	295.8	284.7	285.3	285.1	274.5	273.7	269.6	258.2	248.9	239
HTN	234.4	223.6	229	239.2	239	248.7	239.1	248.7	230.8	229	232.3	232.3	230	225.2	235.4	224.6
GN	174.2	162.6	183.3	179.5	165.2	176	158.8	157.7	156.9	161.1	146.1	157.1	164.8	136.3	142.5	143.6
Other cause	211.3	203.4	197.5	219.8	202.2	213.6	187.6	203.4	195.4	195.5	198.2	198.8	193.6	200.5	201.7	185.6
All	242.7	235.1	245.3	250.3	247.2	254.7	242.1	244.5	238.4	239.3	235.8	237.2	235.5	228	227.8	217.5
<b>ADJUSTED</b>																
0-19	144.7	96.7	86	95	74.1	60.4	97.9	102.5	84.1	68.6	88.7	50.2	67.7	59.8	93.6	64.6
20-44	149.2	131.8	133.7	137	137.1	139.3	126.9	124.5	119.9	105.7	109.9	101.6	104.2	107.8	101.8	95.3
45-64	232.2	227	228.9	222.4	217.7	227.9	208.6	202.3	199.6	198.7	185	180.6	182	174.7	173.9	162.8
65-74	327	305.2	320.7	328	318.7	315.5	302.9	308.3	294.3	297.1	290.4	290	277.8	262.6	259.5	254.5
75+	406.2	440.4	417.4	454.5	416.2	441	420.8	429.4	430.4	418.9	404.9	420.2	409	388.5	392.6	367.8
Male	310.3	305.8	291.4	303.9	287.9	306.1	278.4	277.8	268.9	262.7	259.1	251.6	245.7	239.4	238.5	227.9
Female	277.8	264.2	282.4	280.3	274.9	269.7	262	262.6	258.3	256.7	240.9	247.1	243.3	227.5	225.5	213.3
White	323.8	323.9	316.9	330.1	315.8	323.3	300.1	303.4	292.6	288	276.1	272.1	269.1	257.6	253.2	242.2
Af Am	238	215.8	234.6	230	224.7	229.3	219.7	217.3	212.3	209.2	201.9	209.3	203.6	192.5	194.9	186.7
Other race	301.4	252.1	244.5	215.7	210.7	215.3	214.8	189.8	220.3	218.2	215.6	204.9	184.5	177.4	189.1	161.2
Diabetes	384.7	375	376.9	363	357.4	353	337.3	322.3	322.6	319.1	302.3	299.9	291.8	276.1	264.7	254.7
HTN	252.1	242.2	241.5	250	244.2	255.1	241.5	250.2	234.3	227	226.3	222.7	220.6	214	222.7	209.2
GN	223.7	207	228.3	226.3	203.4	217.9	196.4	189.8	194.4	193.7	173.1	188.5	192.7	159.8	170.7	169.2
Other cause	239.8	232.6	220.7	249.7	227	239.2	211.7	227.7	218	216.3	213.5	214.2	206.1	211.9	215.2	196.4
All	294.1	284.9	287	292.3	281.5	287.8	270.3	270.3	263.6	259.8	250.2	249.4	244.4	233.6	232.2	220.8

Table H.44

**Third-year mortality rates, hemodialysis**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0-4	510.8	287.7	.	.	.	.	405.5	.	182.3	.	287.7	.	.	.	.	.
5-9	405.5	.	.	.	.	223.1	.	182.3	.	315.9	.	.	.	.	287.7	133.5
10-14	95.3	80	51.3	48.8	197.8	93.2	.	176.6	.	64.5	.	.	80	.	.	.
15-19	52.3	50.4	75.2	34.5	22.3	29.6	19.2	37	42	35.8	27.5	16.3	34.1	29.1	61	50.5
20-29	79.7	76.4	81	72.8	70	71.6	62.9	74.3	64	53.5	56.9	65.6	62.6	51.9	74.5	51.2
30-39	141.1	110.2	117	120	124.7	122.5	112.1	97.2	107.3	91	107.6	84.3	93.2	87.6	91	85.1
40-49	141.5	135.6	158.6	146.2	143.8	143.3	130.8	136.1	130.1	123.6	127.2	130.1	123	132.8	121.7	121.7
50-59	196.9	206.2	201.2	197.1	190.1	210.5	177.3	191.6	179.9	184.6	171.9	170.2	171.4	168	160.8	159.4
60-64	255.9	230.5	254.7	254.5	246.9	250.1	239.5	225.7	232.8	235.4	215.1	210.8	226	209.4	219.6	196
65-69	288.9	266.9	293.3	299.2	288.3	289.6	276.3	268	260.5	281.4	263	258	260.2	248.8	251.8	244.6
70-79	348.7	350.2	344.9	367.6	340.8	355.9	340.2	350.9	344.6	347.2	338.5	344.5	329.1	315.3	309.3	308.6
80+	439	520.2	502.4	517.1	508.9	476.3	493.1	489.7	498.5	450.2	481	511.3	493.8	461.9	471.4	429.5
Male	245.7	241.6	246.1	251.7	244.2	260	237.2	240.3	231.7	235	236.6	231.4	234.2	227	227.9	222.7
Female	236.2	226.9	249.9	252.5	248.7	247.6	242.2	247.2	245.9	247.7	238.1	247.5	242.1	233.5	231	222.2
White	280.3	285.8	298	310.1	301.7	308.7	287.7	297.7	289.2	292.5	288.2	286	287.2	276	273.5	266.7
Af Am	185.9	167.6	184.1	180.4	178.8	187.5	180.4	179	176	176.3	172.2	178.6	172.7	166.4	169	163.5
Other race	232.3	206.5	207.4	192.7	191.3	195.3	197	173.9	202.8	207.9	206.5	191.7	179.8	179.1	182.9	166
†Hispanic										205.2	205.2	195.5	198.7	177.1	182.7	174.7
†Non-Hisp.										246.3	241.8	245.1	243.8	239.4	236.5	230
Diabetes	305.7	306.6	315.6	299.3	293.9	299	281.9	272.9	277.2	277.7	270.3	270	265.8	256.3	246.2	239.7
HTN	235.6	221.2	228.9	240.2	240.1	245	237.6	247.9	228.2	231.7	234.4	236.7	232.1	226.8	235.6	229.9
GN	176.6	165.2	188.1	186.8	172.9	187.5	160.1	166.2	166	164.6	145.1	156.9	172.4	140.8	142.7	145.9
Other cause	211.2	202.8	206.7	231.5	208.1	218.1	197.9	213.3	206.4	210.6	208.4	206.2	205	206.9	213.2	199.1
All	241	234.4	248	252.1	246.4	253.9	239.6	243.6	238.6	241	237.3	238.9	237.8	230	229.3	222.5
<b>ADJUSTED</b>																
0-19	176.3	112.3	117.4	66.1	80.3	89.4	48.7	137	78.6	99.9	60.8	26.5	70.7	43.2	109.8	83
20-44	144.8	123.8	130.2	135.2	136.9	131.8	122.1	122.5	122.3	105.3	115.4	101.7	105.3	107.9	103.7	96.4
45-64	226.9	221.8	229.2	218.9	210.4	224.6	197.5	197.1	192	195.2	180.6	180	181.5	173.4	173.3	164.5
65-74	318.1	299	312.1	322.5	313.8	309.7	297.4	301.9	290.7	296.8	289.7	287.6	275.6	264.5	257.8	259.1
75+	401.1	444.6	428.7	459.7	410	435.2	425.2	423.2	428.7	418.7	409.9	424.9	414.1	390.3	397.4	376.6
Male	301.5	297.8	290.7	297.8	281	301	268.8	270.2	261.6	260.2	256.3	249.2	246.9	237.4	238.1	231.1
Female	270.7	260.4	278.1	279.2	268.6	262.9	257.4	258.6	256.6	255.7	242.5	249.4	242.4	230	226.8	217.9
White	312.4	315.4	314.8	326.9	309.7	313.5	289	295.8	286.3	284.9	275.3	271.7	270	257.8	254	246.6
Af Am	233.5	212.8	230.6	225	217	228	217.6	214.2	210.3	208.9	202.1	209.6	202.9	192	194.3	188.5
Other race	297.2	259.8	240.7	220.5	209.1	216.2	212.2	185.7	214.6	217.7	208.8	198.9	180	175.7	185.8	164.7
Diabetes	367.6	370	370.8	351.6	341.2	342.4	320.1	307.6	311.8	309.6	297.1	295.6	287.2	273.5	261.9	255.5
HTN	253	238.8	240.6	249.8	243.3	250	238	248.3	229.7	229.2	228.5	227	222.2	214.5	223.1	214
GN	222.8	203.9	228.6	226.5	205.8	222.4	193.5	190.7	198.7	193	168.1	183.7	196.8	161.7	168.2	168.7
Other cause	234.5	227.2	225	257.1	226.5	237.1	217.1	231	223.9	226.9	220.9	218.6	214.3	216.3	224.9	207.8
All	285.9	278.8	284.5	288.6	274.9	281.5	263.1	264.4	259.1	257.9	249.5	249.2	244.6	233.7	232.5	224.7

Table H.45

**Third-year mortality rates, CAPD/CCPD**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0-4	80	60.6	.	69	80	39.2	128.2	44.5	.	80.3	143.1	.	.	.	80	.
5-9	.	154.2	.	175.4	.	.	105.4	74.1	.	.	.	.	.	64.5	.	.
10-14	74.1	.	.	.	.	.	162.5	.	81.8	.	57.2	.	.	.	.	32.8
15-19	28.2	40.8	51.4	91.2	29.9	.	32.8	24.7	67.3	.	60.6	112.5	124.9	96.6	52.1	28.2
20-29	81.5	79	77.1	118.7	94.7	92.4	85.1	59.5	64	68.3	43.3	46.2	78.2	86.6	62.2	27.7
30-39	151.2	160.1	146.7	115	125.9	148.5	110.6	134.4	108	97.7	82.8	83.7	89.9	79.9	61.8	90.9
40-49	195	186	194	199.4	168.4	215.5	197.3	147.4	148.5	146.8	139.9	150.7	129.1	143.5	128.9	137.8
50-59	250.6	246.4	221.7	205.3	252.6	229.7	255	231.6	236.6	217.8	248.4	203.1	205.5	191.3	189.3	182.8
60-64	305.1	362.7	255.9	294.3	285.3	301.3	324.4	275.6	293.5	310.2	249.2	250.4	286.6	301.4	256.9	186.3
65-69	318	342.1	377.8	361.8	363.1	347.5	352.1	361.9	329.4	342.3	318.3	379.4	336.2	299.2	346	240.5
70-79	510	438.6	410.7	483.8	425.8	476.4	395.7	434.5	415.3	402.9	385	384.1	420.4	366.3	394.7	341.5
80+	274.4	465.4	711.5	570.5	488.8	669	790.8	856.2	779.3	645.1	620.2	600.3	609.4	535.5	487.4	512.5
Male	281.3	294	248.6	274.5	261.8	279.4	283.8	268	262.8	252.8	263	265.9	242.7	261.2	252.4	216.7
Female	243.3	228.3	248	237.6	243.7	255.5	245.6	239.5	230.3	229.4	214.3	211.4	238.6	190	214.9	187
White	301.4	307.3	278.3	293.3	285.9	318	314.9	302.8	287.4	284.7	276.1	272.6	270.7	262.1	265.6	239.6
Af Am	175.1	160.6	178.1	186.4	188.1	167.4	171.1	161.3	169.4	151.9	146.8	159.7	176.1	156.4	162.9	140.2
Other race	191.6	165.2	219.7	123.7	169.7	147.6	180.3	161.6	199.9	190.2	239.4	224.5	185.8	164.4	196.1	117
†Hispanic										229	188.8	209.2	220.8	183.9	181.8	164.2
†Non-Hisp.										243.4	246.9	243.4	243.8	235.5	241	208.7
Diabetes	380.8	363.5	359.5	361.2	369	348.9	373.9	350.4	338.4	341.8	314.3	321.6	317.5	285.9	283.5	250.3
HTN	232.3	267.6	244	249.1	234.2	289.3	259	259.2	256.5	227.2	224.5	206.7	244.6	212.5	246.7	200.1
GN	179.2	156.3	173.8	159.2	145.6	134.3	165	132.3	129.7	145.1	151.9	163.3	132.2	116	149.8	130.5
Other cause	226.6	221.3	169.7	188.9	183.7	212.2	165.7	179.7	158	138.3	177.1	165.7	153.3	206.5	174.9	146.8
All	263.1	261.7	248.3	256.5	253.6	268	265.8	254.6	247.3	241.7	240.1	239.1	240.8	227.9	234.2	202.7
<b>ADJUSTED</b>																
0-19	73.1	95.4	45.8	161.8	50.3	16.6	170.5	59	101.6	32.3	129.3	71.2	73.9	95.6	68	33.7
20-44	161.5	171.9	153.7	145.2	130.5	163.4	148.1	136.7	114.6	112.1	93.2	111.2	112	116.4	86.3	100.7
45-64	277.6	282.8	243.2	245.1	261.6	253	267.4	229.1	238.1	223.2	220.7	197.2	199.8	200.2	192.7	167.5
65-74	415.9	384.1	424.8	425.6	376.1	385.5	379.4	390.4	349.6	351.3	337.7	361.7	354.9	293.3	337.3	269.5
75+	549.6	548.5	468.8	550.2	535.1	647.2	487.9	593.3	586.9	546.1	496	501	521.3	496.7	469	422
Male	405.4	410.5	341.8	381.1	350.7	369	363.7	346.3	338.4	319.9	316.6	317.3	283.6	306.3	286.7	250.2
Female	360.7	350	368.8	340.5	345.4	360.2	343.4	333.6	312.2	307.7	280.9	275.4	316.3	247.2	265	231.4
White	430.4	437.6	386.3	399.4	379.5	418.2	399.3	383.8	362	349.6	329.5	323.5	318.7	304.7	298.5	269.4
Af Am	310.1	282.7	302.9	314.8	312.3	272.3	278.4	265.6	263.3	246.7	233.1	245.6	267.9	244.8	240.4	203.7
Other race	346.5	250.5	325.5	189.2	240.2	227.5	258.9	235	279.1	249.8	292.5	291.9	262.1	228	247.7	151.2
Diabetes	533.9	497.4	485.4	485.6	482.8	455.9	479.1	444.4	425.7	427.1	383.8	393.8	382.4	346.7	329.8	294.4
HTN	270.1	319.5	282.8	285.8	269.7	328.8	293.9	289	292.6	246.2	235.1	210.3	259	230.6	251.8	204.3
GN	257.3	238	252.2	245.1	212	206.1	234.8	201.9	196.6	205.2	216.7	242.3	195.3	163.9	211.7	186.6
Other cause	308	307.6	233.8	260.4	257	297.1	231.6	256.7	225.1	202.7	238.8	230.4	207.9	276.4	231.4	205.6
All	384	381.9	353	361.4	348.1	364.5	353.9	339.6	325.7	313.7	300	297.2	296.8	279.2	276.1	241

Table H.46

**Third-year mortality rates, transplant**

per 1,000 patient years at risk, incident patients, by modality &amp; demographic characteristics

UNADJUSTED	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
0-4	10.9	.	14.4	30.3	.	14.2	.	.	.	.	12.4	16.8	.	32.8	.	.
5-9	11.7	.	.	.	.	12.9	.	.	10.9	32.4	.	.	14.4	17.1	.	11.4
10-14	.	.	7.2	.	.	14.6	.	.	.	.	.	7.1	.	.	7.8	15.7
15-19	6.6	14.9	4	7.5	12.4	18.1	11.6	.	3.3	15.7	4.3	.	7.2	4.4	4.2	16.3
20-29	12.4	11.3	14.8	15.8	15.2	13.9	18.6	11.7	12.8	13.3	10.6	4.9	8	5.1	12.6	5.8
30-39	28.9	30.6	17.9	18.8	18.7	17.8	22.2	16.9	13.7	17	18.1	17.5	17.1	14	15.9	15.8
40-49	35.9	33.9	30.2	32.2	26	29.9	27.2	24.4	25.2	26.3	23.2	25.9	24	16.9	24.1	16.9
50-59	48.1	44.9	43.9	35.3	47.8	43.1	44.7	41.3	43.7	33.3	37.2	36.8	32.9	35.2	32.6	30.9
60-64	89.9	46.5	47.1	63.2	62.1	41.1	71.8	63.5	54.6	42.4	49.7	49.3	66.4	37.5	66.3	44.9
65-69	72.6	82.2	101.8	81.5	81.7	82.5	85.9	77.8	70.5	71.9	71.5	73.5	85.5	53.1	48.1	53.3
70-79	127.8	154.2	160.3	115.1	61.9	96.6	100.8	96.3	108	51.7	135.5	63.4	81.7	68.8	61.4	81.2
80+	.	.	.	.	.	.	.	.	.	.	.	287.7	.	.	154.2	.
Male	37	34.4	27.6	32.6	32.5	30	33.4	27.5	29.5	26	29.6	31.3	30.9	23.4	32	27.3
Female	23.9	24.5	26.1	20.8	22.4	27.4	29	27.3	25.3	28.2	27.6	24.6	29.7	27.1	26	26.6
White	30	27	26.3	29.6	26	27.6	32.1	25.6	26.7	25.7	26.6	29.7	29.8	24.1	26.9	27.4
Af Am	44.5	43.9	33.7	24.4	37.6	35.1	30.8	33.3	35.4	28.2	36.2	25.3	34.1	30	42.3	28.5
Other race	8.1	31.4	8	13.5	29.6	23.2	27.1	27.7	9.7	37.6	26.3	27	24.1	13.9	10	15.8
†Hispanic										21.5	14.5	18.2	25.4	12.7	23.1	12.9
†Non-Hisp.										27.4	30.5	30	31.1	26.6	30.5	29.2
Diabetes	48	51.4	40.3	46.2	38.8	48.7	49.4	37.8	39.4	40.7	46.7	46.7	47.6	38.1	40.6	41.8
HTN	45.9	41.4	44.1	29.9	29.7	34.1	32.5	30.3	35.9	35.6	30.3	29.9	30.7	29.8	33.8	29
GN	25.3	16	14.3	18.5	22.2	16.8	20.1	22.4	16.6	16.4	16.7	20.2	19	13.5	20.2	17.5
Other cause	21.2	24.7	20.5	21.8	25.2	21.5	25.7	20.3	22.6	17.4	22.5	16.9	24	19	23.9	18.5
All	31.9	30.5	27	27.9	28.4	28.9	31.6	27.4	27.9	26.9	28.8	28.6	30.4	24.9	29.6	27
<b>ADJUSTED</b>																
0-19	6.7	7.6	5.7	7.9	5.7	16.7	5.4	0	3.4	12.8	4.1	4.1	5.3	8.6	4.1	13.5
20-44	31	31.8	25.2	23.9	22.4	23.1	26.6	23.1	21	20.4	20.5	19.1	17.8	15.4	22	17.6
45-64	63.1	51.7	47.3	50	52.9	47.4	51.2	42.1	43.5	38.7	40.6	41.1	43.6	34.1	40.7	32.7
65-74	92.8	113.6	118.1	100	90.2	102	91.3	86.9	84.5	74.3	91.4	76.6	92.4	63.1	54.3	62.4
75+	92.8	113.6	118.1	100	90.2	102	91.3	86.9	84.5	74.3	91.4	76.6	92.4	63.1	54.3	62.4
Male	122.2	109.4	87.4	98	95.1	85.4	92.5	73.6	76.2	64.5	71.9	72.4	70.5	50.8	68.4	56.3
Female	82.8	82.8	86.4	67.6	69.8	82.1	85.1	77.3	70.8	74.6	72.1	62.4	75.1	65	60.3	59.1
White	103.2	90.3	86.2	91.9	78.1	80.2	92.3	70.6	71.1	65.4	66.9	70.4	70.1	53.6	58.7	57.1
Af Am	122.4	117.2	92.7	66.7	99.6	91.1	75.2	81.4	84.3	65.1	80.7	56	74.7	64.3	87.4	57.6
Other race	26.2	99.4	20.9	34.9	76.1	59.6	65.1	60.6	25.3	78.4	56.3	57	46.8	26	18.3	28.9
Diabetes	113.7	120.7	95.5	105.4	85.7	105	104.8	77.3	78.1	78.1	87.1	84.8	84.2	64.8	68	67.8
HTN	100.7	84.5	89.7	58	58.5	64.3	60.7	56.6	65.6	62.7	51.7	50.2	51	48.3	52.9	44.4
GN	86.8	53.4	47.8	59.5	69.4	51.2	61.8	66.5	47.6	45.5	45.6	55.4	49.8	34.4	50.2	41.8
Other cause	61.9	72.4	59.7	63.2	72.1	58.9	71.2	55.6	60.4	44.6	55.8	41	58.4	43.3	54.8	41.6
All	105.9	98.2	86	85.3	84.3	83.2	88.5	74.2	73.3	67.5	71	67.6	71.3	55.5	64.4	56.6

Table H.1.1 (supplement)

**Total patient deaths: ESRD patients, with unknowns dropped**

by demographic characteristics, primary diagnosis, &amp; patient vintage

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-4	*	*	*	*	12	13	15	14	15	19	19	24	26	18	12	18	13	15	13	12	*	12	11	15	13	14	
5-9	*	*	*	*	*	11	*	11	*	*	11	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10-14	15	*	*	*	12	15	17	16	20	15	12	15	15	14	*	11	12	15	*	*	*	*	13	18	11	14	
15-19	23	40	22	40	31	35	30	36	42	27	27	36	37	30	33	38	32	36	27	34	29	31	35	45	26	28	
20-29	213	254	249	270	275	302	331	329	396	418	389	383	415	401	386	359	391	376	347	362	349	381	382	399	388	376	
30-39	536	575	697	681	874	945	1067	1,197	1,263	1,287	1,367	1,404	1,497	1,597	1,587	1,658	1,630	1,597	1,506	1,608	1,531	1,538	1,538	1,459	1,400	1,394	
40-49	789	910	930	1072	1213	1324	1540	1,650	1,800	1,935	2,266	2,411	2,733	2,864	3,106	3,387	3,534	3,660	3,725	3,899	4,014	4,260	4,351	4,306	4,297	4,349	
50-59	1533	1670	1880	2272	2371	2719	2839	3,019	3,353	3,560	3,694	3,960	4,361	4,823	5,298	5,582	5,896	6,315	6,749	7,498	7,779	8,365	8,694	9,005	9,205	9,395	
60-64	1045	1132	1385	1575	1928	2206	2429	2,579	2,852	3,000	3,216	3,488	3,801	3,972	4,161	4,433	4,576	4,828	5,104	5,470	5,561	5,893	5,914	6,524	6,675	6,607	
65-69	1185	1335	1403	1793	2053	2420	2869	3,051	3,591	3,932	4,383	4,765	5,202	5,735	5,998	6,371	6,737	6,999	7,337	7,637	7,890	8,220	8,256	8,524	8,618	8,657	
70-79	1424	1698	2048	2534	3336	3944	4415	5,116	5,781	6,574	7,487	8,405	9,953	11,237	11,954	13,182	14,392	15,319	16,810	18,381	18,802	19,410	19,969	20,346	20,473	20,560	
80+	300	359	483	623	883	1069	1331	1,567	2,002	2,380	2,670	3,290	3,925	4,610	5,278	5,873	6,621	7,386	8,354	9,469	10,284	11,286	12,357	13,165	13,782	14,754	
0-19	54	58	40	58	62	74	70	77	84	69	69	86	87	71	63	74	69	74	59	70	51	56	65	87	54	62	
20-44	1084	1234	1348	1393	1715	1824	2064	2,278	2,437	2,592	2,792	2,904	3,186	3,282	3,350	3,481	3,505	3,485	3,424	3,537	3,515	3,559	3,657	3,514	3,422	3,380	
45-64	3032	3307	3793	4477	4046	5672	6142	6,506	7,237	7,608	8,140	8,742	9,641	10,375	11,188	11,938	12,522	13,291	14,007	15,300	15,719	16,878	17,222	18,269	18,543	18,741	
65-74	2039	2391	2661	3300	4005	4718	5385	5,956	6,812	7,573	8,441	9,403	10,833	11,920	12,726	13,639	14,452	15,079	16,080	16,982	17,346	17,885	18,262	18,540	18,696	18,711	
75+	870	1001	1273	1650	2267	2715	3230	3,778	4,562	5,313	6,099	7,057	8,247	9,662	10,504	11,787	13,298	14,625	16,421	18,505	19,630	21,031	22,320	23,495	24,177	25,260	
Male	3940	4483	5064	5982	7077	8224	9322	10,162	11,490	12,491	13,672	14,885	16,848	18,431	19,773	21,399	23,029	24,118	26,108	28,359	29,392	31,177	32,396	34,022	34,949	35,791	
Female	3139	3508	4051	4896	5918	6779	7569	8,433	9,632	10,664	11,869	13,307	15,126	16,879	18,058	19,520	20,817	22,436	23,883	26,035	26,869	28,232	29,130	29,883	29,943	30,363	
White	5122	5847	6641	7792	9316	10625	11799	12,997	14,754	15,929	17,666	19,524	22,228	24,333	25,732	27,587	29,492	31,234	33,652	36,150	37,531	39,521	41,153	42,512	42,978	44,031	
AF Am	1929	2111	2391	2970	3486	4114	4746	5,201	5,923	6,722	7,205	7,968	8,913	10,056	10,916	11,992	12,742	13,583	14,470	16,150	16,492	17,554	17,865	18,743	19,165	19,298	
N Am	21	27	47	62	95	117	151	177	191	236	286	283	317	366	410	423	528	531	561	635	726	693	755	757	749	782	
Asian	*	*	36	54	98	147	195	220	254	268	384	417	516	555	773	917	1,084	1,206	1,308	1,459	1,512	1,641	1,753	1,893	2,000	2,043	
Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,237	3,834	4,303	4,687	5,048	5,634	5,980	6,400	6,644	6,856	
Non-Hisp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,609	42,720	45,688	49,707	51,213	53,775	55,546	57,505	58,248	59,298	
Diabetes	1058	1375	1970	2735	3364	4307	5199	6,030	6,973	7,869	9,243	10,675	12,536	14,099	15,411	17,167	19,152	20,809	23,160	25,739	26,606	28,671	29,607	30,928	31,575	32,155	
HTN	1037	1379	1892	2488	3207	4007	4495	5,344	6,342	7,158	8,042	9,104	10,291	11,664	12,948	14,600	15,581	14,316	15,070	16,042	16,652	17,361	18,061	18,722	19,225	19,733	
GN	856	1021	1275	1481	1756	2034	2353	2,604	3,046	3,167	3,445	3,533	3,851	4,009	4,186	4,514	4,704	4,868	4,970	5,185	5,319	5,351	5,432	5,483	5,250	5,344	
Cystic kidney	235	297	324	397	477	541	642	613	718	743	803	780	827	920	905	1,029	1,047	1,085	1,095	1,152	1,158	1,287	1,246	1,268	1,261	1,271	
Other urologic	113	164	257	341	381	486	627	696	738	827	838	811	915	935	855	966	1,163	1,230	1,307	1,472	1,571	1,638	1,744	1,785	1,851	1,806	
Other cause	673	733	868	1138	1372	1610	1815	2,020	2,118	2,278	2,548	2,740	2,966	3,293	3,520	3,692	4,052	4,136	4,271	4,671	4,800	4,987	5,332	5,565	5,529	5,548	
Missing	3107	3022	2529	2298	2438	2018	1760	1,288	1,187	1,113	622	549	588	390	406	151	147	110	118	133	155	114	104	154	201	297	
<2 years	4510	4809	5374	6433	7738	8785	9538	10,555	11,947	12,920	14,388	15,910	18,001	19,317	20,188	20,820	22,042	22,756	24,775	27,062	27,454	28,676	29,205	29,936	29,723	29,997	
2-5 years	2199	2607	3010	2954	3352	3990	4676	4,937	5,607	6,116	6,613	7,359	8,597	9,863	10,870	12,267	13,189	14,126	14,628	15,296	16,121	17,137	18,063	18,716	19,114	19,412	
5+ years	370	575	731	1491	1905	2228	2677	3,103	3,568	4,119	4,540	4,923	5,376	6,130	6,773	7,832	8,615	9,672	10,588	11,736	12,686	13,596	14,258	15,253	16,055	16,745	
All	7079	7991	9115	10878	12995	15003	16891	18,595	21,122	23,155	25,541	28,192	31,974	35,310	37,831	40,919	43,846	46,554	49,991	54,394	56,261	59,409	61,526	63,905	64,892	66,154	



Table H.2.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: ESRD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

ALL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-19		53.5	51.3	60.1	59.6	55.8	51.8	46.1	44	51.5	53.4	44.4
20-29		69.1	62.6	64.3	64.8	61.7	65.8	66.4	62.4	59.8	58.1	55.6
30-39		91.1	92.7	91.2	92	87.8	86.7	82.5	80	76.2	75.5	74
40-49		131.4	124.8	125.8	128.3	121.1	118.3	111.4	109.4	106.2	106.9	102.3
50-59		186	180.3	188.6	184.4	179.6	181.6	174.9	166.4	157.7	154.7	152.9
60-64		248.1	248.6	256.4	256.8	248.6	248.2	239.6	226.4	219.4	218.8	215
65-69		311.2	303.3	308.8	310.6	296.1	298.1	288.6	282.1	269	263.5	257.9
70-79		374.4	381.4	393.4	384.5	378.7	379.9	373.7	362.9	348.5	350	346.9
80+		518.4	526.9	534.1	531.2	499	530	527.2	484.1	474.1	478.7	480.8
0-19		53.1	53.9	62.4	62	54.9	52.4	47.2	46.6	54.6	59.1	45.8
20-44		91	92.2	90.8	91.3	86.7	87.6	84.1	82.3	79	78.8	77.1
45-64		195.1	191.1	198.6	198.1	191.8	191.4	183.5	174.6	167.7	165.8	162.1
65-74		329.6	324.4	334	332.3	322	322.6	314.4	304.9	292.5	291.9	286.8
75+		449	467.3	470	456.2	444	455.6	451.1	435.3	421.8	419.9	422.4
Male		257.5	256.4	265	262.6	254	257.4	250.3	237.7	226.3	224.5	220.9
Female		238.3	236.3	240.9	235.3	229	230.7	224.7	217	210.9	212.1	211
White		274.7	273.4	280.4	274.6	266.8	268.4	259.4	248.4	240	240.2	238
Black		205.2	198.8	207	210.1	204.5	209.3	210.4	200	191.8	189.9	189.7
Native American		180.6	201.1	207.9	208	219.1	208.8	203.4	219	189.1	185.8	182.8
Asian		216.8	246.4	245.9	224.9	207.3	201.4	174.5	173.2	158	154.5	141.2
†Hispanic												
†Non-Hispanic												
All		248.4	247	253.6	250.1	242.5	245	238.2	228	219.2	218.6	216.1
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	40.5	37.6	35.5	35	32.7	33.3	28.3	29.3	29.6	35.8	31.7	32.5
20-29	53.4	50.9	51.2	49.1	46.7	47.7	43.7	47.3	48.6	51.6	50.7	51
30-39	70.8	70.7	68.4	65.8	63.6	64.6	61.5	62.2	61.3	58.7	56.1	55.9
40-49	98.7	97.9	95.6	94.4	92.4	92.2	88.5	89.1	88.4	87.3	84.4	83.1
50-59	149.4	147.6	144.2	140.2	137.5	138.6	132.9	132	129	127.2	123.3	119.4
60-64	205.2	202.5	198.5	193.4	190.9	191.7	183.4	181.3	174	174.7	171	164.3
65-69	248.7	247.5	246.2	240.9	239.2	237.2	229.8	227.3	220.1	216	208.5	203.5
70-79	333.8	331.4	333	326.1	326.5	332	323.6	320.1	313.8	306.9	299.5	293.5
80+	466.7	471.8	476.3	476.6	482.1	501.9	484.9	484.3	474.5	465.2	454.1	451.5
0-19	41.9	38.9	36.3	36.2	33.8	34.7	30.2	30.4	30.1	36.7	32.9	33.5
20-44	74.3	73.7	72.3	70.3	68.8	68.5	65.7	65.6	66	64.8	62.8	61.9
45-64	155.7	153.4	149.7	145.7	143.1	144.3	138.3	137.8	133.9	133	129.4	125.8
65-74	276.1	274.7	274	268.9	267.8	268.4	260.7	256.9	250.6	245	237.1	231.3
75+	410.3	411.8	416.4	409.7	413.3	425.7	414	414.1	406.4	399.6	392.9	389.7
Male	212.7	210.6	209.6	204.4	202.4	203.7	196.5	194.6	189.7	187.1	182.7	179.3
Female	204.8	203.7	201.5	199.7	199	202	195.7	194.8	190.9	187.4	181.3	176.9
White	228.4	224.6	221.4	216.6	215.4	216.4	208.2	205.5	200.4	196.3	189.9	185.6
Black	183.8	185.7	184.9	182.4	180.5	186	181.4	183.5	179.2	178.4	175.3	172.5
Native American	178.1	165.3	176.2	174.4	179.3	180.9	193.1	188.4	185.4	173.8	167.8	171.2
Asian	145.6	151.2	156.9	155.3	153.5	153.8	143.7	140	135.2	132.9	131.1	128.3
†Hispanic			154.04	162.91	167.43	167.22	161.69	163.3	159.98	160.54	155.77	152.31
†Non-Hispanic			195.06	194.21	196.48	201.9	198.02	199.3	196.98	195.79	192.48	189.43
All	208.8	207.3	205.6	201.9	200.7	202.8	195.9	194.6	190.1	187	181.8	178

Table H.2.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: ESRD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		99.3	92.8	109.2	110.4	101.7	92.8	80.5	78.3	91.6	93.8	74.4
20-29		123.3	108.4	112.1	114.3	108.4	114.1	112.5	106.3	100.7	96.4	90.8
30-39		152.6	153	150.6	152.9	143.5	139.9	127.4	123.2	116.9	113	107.7
40-49		215	198	197.8	205.5	190.2	181.4	168.1	164.2	160.9	158.6	149.1
50-59		281	267.3	279.4	271.8	266.3	267.6	249.8	234.3	219.3	217.2	214.8
60-64		352.3	347.1	354.5	349.5	337.8	330.9	314.1	295.8	285.3	287.7	276.7
65-69		415.9	395.8	396.3	400.6	380.5	377.1	361.6	352.5	334.8	324.6	316.5
70-79		461.2	464.6	480.1	459.5	454.4	449	436.8	420.9	405.6	407.9	408.7
80+		592.6	598.9	596.8	595.1	551.8	607.2	595.7	514.4	510.1	519.2	524.3
0-19		96.9	97.4	114	116	98.6	93.3	82.5	83.7	97.9	105.5	75.6
20-44		153.7	155.1	153.5	154.6	143.2	143.3	133	129.4	123.9	120.4	114.8
45-64		291.4	278.7	287.6	286.6	277.9	272.8	255.8	241.8	231.2	230.4	223.1
65-74		434.5	415.9	422.3	419.9	403	397.3	384.1	371.2	354.7	353.2	348.5
75+		521.9	551.1	548.9	511.5	508.9	524.6	506.5	478.7	469	461.4	467.2
Male		338	332.1	339.9	336.3	322.7	325.1	308.1	290	275.3	273.7	269.7
Female		326.3	316.9	321.8	316.2	304.8	302.4	290.7	275.8	269.8	269.1	265.2
White		373.6	370.5	377	370.3	357.3	352.6	333.8	316.1	305.7	304.6	302.4
Black		247.5	227.8	238.5	241.3	232.1	241.4	239.4	224.3	215.7	214	209.1
Native American		209.9	269.1	248.1	262.9	247.1	254.7	252.4	250	230.5	221.7	204.4
Asian		376	366.2	346.2	317.8	289.8	298.5	251.9	234.1	205.9	212.3	181.9
†Hispanic												
†Non-Hispanic												
All		332.1	324.8	331	326.9	314.4	314.4	299.7	283.4	272.7	271.4	267.3
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	68.3	62.2	59.4	58.8	55.1	56.3	46.8	49.2	50.2	59.8	52.2	53.7
20-29	88.7	83	84.7	81.9	77.5	79.3	70.3	78.3	81.8	86.4	82	82.4
30-39	100.5	100.8	100.5	97.4	96.5	98.1	93	94.1	94.2	88.8	84.3	85.3
40-49	141.9	140	136.4	135.8	133.1	133.7	126.2	124.9	122.5	119.4	114.9	113.4
50-59	205.9	202.4	198.2	192.1	188.9	189.4	180.8	180.2	171.4	167.7	163.1	154.9
60-64	264.5	258.8	253.6	242.2	242.2	242.7	231.9	226.4	215.2	215.4	210.4	202.7
65-69	302.9	301.6	300.7	297.9	294.4	292.1	280.9	277.5	266.1	260.6	251.7	243.2
70-79	392.3	384.6	384.7	371.8	373.3	380.9	368.6	364.8	355.9	348.1	337.9	331.9
80+	510.1	516.5	532.1	526.4	526.1	558.5	532.3	529.5	512.4	500.8	479.7	477.7
0-19	69.4	63.8	60.1	60.5	56.8	58.8	50.6	50.7	50.3	60.3	54.1	54.8
20-44	109.7	109.3	109.6	107.6	105.9	105.2	100.4	99.4	100.2	96.9	93.2	92.3
45-64	211.8	207.6	203	196.6	195.1	196.8	187.5	186.1	177.4	175	170.4	163.9
65-74	333.5	328.5	327	321.2	319.8	320.9	309.7	305.4	295.4	288.6	277.5	269.3
75+	454.5	455.5	464.5	450	451.5	469.6	450.7	450.2	438.7	430.7	420.3	418.1
Male	258.1	254.2	255.5	246.6	244.3	248	237.5	235.5	227.1	222.3	215.4	210.5
Female	255.4	252.1	248.2	245.3	245.3	250	238.6	236.9	230.1	226.2	217.5	212.6
White	288.3	281.5	279.2	269.6	268	271.1	257.5	253.9	245	239.1	230.6	224.4
Black	201.1	204.4	202.3	202.1	200.8	208.1	202.7	205.5	199.6	197.9	191.9	189.4
Native American	198.5	191.2	205.8	202.5	204.4	206.3	207.6	199.1	200.9	192.5	181.2	178
Asian	188	193.5	211.5	209.2	206.8	200.6	185.8	176.6	172.3	167.9	165.9	160.9
†Hispanic			209.5	221.57	230.9	221.9	214.21	214.27	205.37	206.04	201.35	197.54
†Non-Hispanic			248.81	243.99	247.84	257.29	247.4	249.78	242.99	240.51	234.4	228.8
All	256.5	253.1	252	245.6	244.5	248.6	237.7	236	228.4	223.8	216	211.2

Table H.2.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		21	22.9	26.7	26	25.1	24.2	23.1	21.5	27.7	30.6	26.7
20-29		30.8	31.6	32.5	32.6	31.5	33.7	36.8	32.9	34.3	33	34.2
30-39		46.6	52.1	50.4	50.5	48.6	50.3	50.5	51.2	48.7	51.4	52.3
40-49		74.3	77	76.9	77.9	76.1	76.7	73.9	74.1	73.5	79.8	77.8
50-59		125.8	127	136.4	136.3	132.8	137.3	136.8	134.9	133.9	131.5	126.7
60-64		193	193.2	211.1	210.6	209.9	207	210.6	204.4	205.7	197.2	204.3
65-69		264.7	260.4	269.5	268.8	260.3	273.2	263.2	261.9	252.6	252.7	249
70-79		330.8	350.3	372.8	353.4	362.1	366.7	367.5	355.6	341.4	342.5	345.7
80+		516.8	520.8	534.1	516.3	501.8	525.9	528.9	506.9	482.7	480.3	484.1
0-19		23	25	28.8	27.6	26.5	26.2	24.8	24.3	30.9	36.3	30.9
20-44		47.9	50.3	48.7	50.9	50.1	52.2	52.2	52.2	50.9	54.1	57
45-64		141	143.9	155.6	154.8	152.3	153.1	153.2	150.3	150.1	146.9	145.3
65-74		277.4	285.2	300.9	294.2	295	302.7	299.1	292	280.9	284.2	282
75+		432.5	447.8	459.7	436.8	437.1	450.7	452.5	438.5	422.5	421.1	429.6
Male		205	208.8	223	221.7	218	223.8	221.9	214.4	206.3	205.2	201
Female		188	195.4	200.8	189.7	191.5	196.1	195.5	192.9	189.7	191.4	196.2
White		218.6	221.9	234.1	225.4	224.2	232.1	230	223.9	219.5	221.8	220.8
Black		161.8	161.4	168.2	171	167.6	171.1	174.5	169.6	165.3	162.5	164.2
Native American		150.5	145.3	192	172.9	211.8	163.3	165.6	197.4	142.8	163.4	174.1
Asian		119.9	199.2	189.5	174.5	171.4	157.7	138.4	143.1	125.9	109.6	112.1
†Hispanic												
†Non-Hispanic												
All		197.1	202.4	212.6	206.8	205.3	210.8	209.4	204	198.4	198.5	198.6
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	23.9	23.1	19.7	18.6	17.4	17.8	16.1	16.7	16.3	20.3	19.2	20.5
20-29	31	30.8	27.2	26.6	25.7	26.5	26	27.6	27.5	29.5	32	33.1
30-39	51.3	52.3	45.7	41.9	40.1	41.5	40.4	41.9	40.2	39.6	38.6	38
40-49	74.8	73.1	69.5	69.6	69.8	68.5	68.7	69.5	70.4	71.2	68.8	68.3
50-59	128.8	127.2	122.9	117.5	115.4	119.7	112.7	114.4	114.9	112.9	110	108.6
60-64	191.4	196.5	184.8	180.1	178.2	181.3	175.5	171.1	163	166.2	162.4	161.3
65-69	246.6	246.5	242.2	235.5	233.5	232.2	220.9	222	217.6	211.3	205.5	203.2
70-79	331.1	330	326.5	325.9	325.6	330.1	322.9	318.4	312.7	306	300.5	295
80+	478.3	472.1	470.3	475.7	478.7	486.2	478.8	478	471.1	462.6	454.6	454.4
0-19	27.7	25.9	22	20.9	19.7	19.9	18.2	18.6	18.4	23.2	21.3	22.9
20-44	55	52.7	46.9	45.6	46	45.5	44.4	45.2	46.4	46.6	45.9	45.4
45-64	140.2	141	134.3	129.7	127.3	130	125	124.8	121.9	122.3	119.2	118.7
65-74	275.1	276.2	271.9	268.5	265.6	268.1	258.2	255	250	243.5	240.5	235.4
75+	418.1	412.7	411.5	413	416.6	421.9	416.9	416.3	411.6	404.4	397.2	396.4
Male	195.2	193.3	188.2	185.5	185.8	186.9	179.7	178.1	175.1	173.6	170.6	169.2
Female	191.9	192.2	187.7	185.9	182.8	186.1	182.9	183.2	180.7	176.9	172.1	169.4
White	213.1	210	203	200.2	197.8	198.9	192.4	191	188	184.9	179.6	176.7
Black	161.9	164.9	163.7	161.7	162.2	167.6	163.5	164.6	162.9	161.4	160.1	158.6
Native American	187.6	154.4	171	161.8	176.6	175.4	200.9	213.6	193.7	175.4	172.4	191.4
Asian	115.4	129.6	122.6	122.7	125.8	125.1	118.4	115.9	111.4	112.6	110.2	112.6
†Hispanic			157.1	164.78	157.64	158.62	155.71	156.93	162.13	155.6	148.88	141.63
†Non-Hispanic			213.79	215.94	218.18	221.53	218.68	219.34	217.86	216.11	214.61	214.11
All	193.7	192.7	187.9	185.4	184.5	186.4	181.1	180.6	177.7	175.1	171.1	169

Table H.2.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: ESRD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		17.2	16.5	20.2	21.5	22.2	21.9	20.6	20.5	22.9	21.9	20.3
20-29		25.1	23.1	24.2	26.9	27.6	30	29.5	30	26.1	25.2	25.9
30-39		37	38.5	37.7	40.8	45.6	47.9	48	45.8	44.1	41.4	41.3
40-49		58.8	59.2	59.3	63.1	62.8	63.3	59.9	62.1	60.9	60.2	59.1
50-59		103.1	99	103.9	102.4	101.3	104.9	105.8	107.1	99.9	94.8	97.2
60-64		151.4	154.3	157.3	161.3	157.1	170.2	161	153	148.3	155.1	147
65-69		214.9	210.8	217.6	211.9	205.8	218.7	209.9	211.9	201	190.6	187.3
70-79		282.4	295.2	298.4	297.6	286.3	304.4	301	299.3	281.2	287.1	269.5
80+		432.4	449	448.6	434.3	416.3	449.7	434.3	435.3	419.4	430.6	416.6
0-19		18.4	19.2	21.7	21.5	21.8	22	21.2	21.1	24.1	22.8	20.5
20-44		35.8	35.5	35.4	39.9	43.2	45.1	44	43.6	41.8	39.9	40.3
45-64		105.4	105.7	108.5	108.7	106.3	111.5	109.1	107.8	103.1	102.1	99.7
65-74		229.2	228.1	238	234.4	227.2	243.6	237.8	236.1	224.8	221.7	210.2
75+		358	377.3	383.7	378.5	361.2	381.7	371.3	380.8	355.4	363.3	352.7
Male		173.9	179.2	181.2	183.6	178.3	186.9	181.1	178.1	170.1	168.2	163.7
Female		149.7	148.5	153.7	148.7	145.7	156.2	154.7	156.9	148.5	151.1	144.7
White		171.9	169.3	170.6	168.1	162.4	171.8	171.4	167.3	159.8	162.8	157.8
Black		150.1	158.3	157.6	160.4	161.7	175.9	167.8	170	161.4	156.2	152.2
Native American		125.4	114	169	172	183.3	172.3	168.3	212	194.5	170.5	133.6
Asian		89.6	128.1	173.4	162	134	117.3	96.5	116	106.3	114.1	104.8
†Hispanic												
†Non-Hispanic												
All		162.5	164.6	168.1	167	162.6	172	168.5	168.3	159.9	160.1	154.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2002</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	17.4	16.1	15	16.1	14.2	14.2	12.2	12.8	12.7	16	13.9	14.3
20-29	22.3	23.1	21.4	23.3	21.3	22.1	20.4	22.2	22.1	24.8	23.6	24.5
30-39	37.2	36.2	34.2	36.1	32.9	33.2	31.8	31.9	30.9	29.5	28.2	27.7
40-49	58.3	59.2	58.7	58.1	55.9	53.5	53.5	54.7	55.7	54.6	51.5	50.7
50-59	94.8	95.7	91.7	91	86.9	88.9	84.4	84.8	83.4	83.5	78.8	77.7
60-64	140.6	136.5	140.3	137.6	133.6	130.4	122.3	124.8	122.6	118.7	119.2	110.5
65-69	182.4	182.9	184	174.9	174.1	168	165.6	163.5	154.8	154	143.1	139.7
70-79	258.7	262.5	267.3	256.7	257.4	257.2	250.8	243.8	239.5	231.8	220.6	215.9
80+	404.3	414.8	413.3	408.8	413.2	430.7	415.7	412	406.6	387.9	383.3	372.9
0-19	17.8	16.2	15.6	16.6	14.7	14.3	12.3	12.8	13	16	14.2	14.2
20-44	37.2	37.6	35.7	37	34.6	34.5	33.5	34	34.3	34	32.2	31.8
45-64	96.3	95.2	94.2	92.8	89	88.2	84.2	85.7	84.6	83.7	81.1	78.6
65-74	204.5	205.4	210	204	202.9	195.1	190.9	186.1	182	177.6	166	161.6
75+	340.8	352.1	351.4	333.5	338.9	352.6	344	340.9	332.4	320.4	312.3	306.4
Male	156	157.7	155.6	151.7	147.1	147.7	141.6	140.3	137.4	134.2	129.5	127.2
Female	142.4	143	145.3	142.4	144.1	144	141.5	139.1	135.9	132.6	126.6	122.1
White	154.4	154.1	154	150.6	149.8	149.4	145.8	140.5	137.2	133.4	127	124.2
Black	144.1	146.7	146.7	141.4	139.6	141.7	135	140.9	138.9	136.1	133.3	129.6
Native American	111.6	141.7	143.4	136.8	143.5	136.6	157	130.6	137.5	131.8	121.1	120.8
Asian	100.1	106.7	107.5	111.7	100.6	99.3	92.4	100.6	94.1	91.6	82.5	75.8
†Hispanic			66.34	63.86	67.89	67.8	61.82	71.48	63.53	65.79	63.76	59.82
†Non-Hispanic			112.3	111.4	108.9	109.6	109	105.9	105.7	104.2	98.28	98.32
All	149.6	151.1	151.1	147.4	145.8	145.7	141.4	139.8	136.9	133.6	128.1	124.9

Table H.2.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: ESRD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		42.1	40.7	47.4	42.9	41.5	40.3	36.8	32.3	34.6	37.5	35.1
20-29		56.9	51.8	53.1	49.6	46.2	52.4	55.7	51.4	50.3	53	49.2
30-39		82.2	80.4	81.7	78.4	76.3	73.9	77.2	74.2	70	73.6	76.3
40-49		112.4	108.2	113.5	108.4	104.6	105.7	103.1	97.6	91.7	94.4	94.5
50-59		160.8	160	164.4	159.3	151.5	153.6	154.6	142	131.7	127.4	127.8
60-64		218.7	224.5	228.6	235.2	225.1	225.3	216.9	199.3	186.1	184.1	185.3
65-69		277.1	277.9	288.4	291.2	271.4	265	270.1	253.5	238.2	236.8	230.9
70-79		351.4	351.5	356.3	363.8	347	345.1	341	328.7	317.4	317.1	315.8
80+		476.2	487.7	505.8	529.2	492.1	483.2	488.3	450.4	452.7	448.4	461.2
0-19		41.3	40.6	46.4	42.3	41.3	39.4	35.6	31	32.9	35.4	33.8
20-44		80.2	79	78.6	73.8	71.9	71.6	75	72.8	70	73.3	73.9
45-64		168.3	167.9	173.6	173	164.7	167.2	163.1	148.6	137.9	135	134.7
65-74		299.7	299.1	307	309.6	294.5	290.4	288.2	272.2	261.8	261.1	256.9
75+		421.5	424.6	434.8	453.7	421.5	414.3	425.1	406.3	396.5	394.1	401.8
Male		236.7	235.4	242.3	241.8	233.1	230.1	230.9	215	205.5	203.1	203.6
Female		199.6	201	206.5	210.3	195.3	196.9	194.9	186.3	178.8	180.9	180.2
White		223.5	220.1	223.4	224.3	210.9	212.2	206.6	196.5	187.6	187.8	184.2
Black		219.7	224.9	233.9	240.2	229.7	225.4	235.8	215.9	205.8	205.9	212.8
Native American		198.6	202.5	172.3	167.8	190	205.7	181.4	189.8	171.5	153.9	177.9
Asian		110.1	127.9	167.3	147.1	134.9	118.8	115.5	122.3	136.7	129.7	125.5
†Hispanic												
†Non-Hispanic												
All		219.1	219.1	225.6	227.5	215.6	215.1	214.6	202	193.6	193.8	193.3
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2002</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	32.3	31.3	30.8	29.5	27.6	27.7	24.3	23.9	23.8	29.2	25.5	25
20-29	49.4	46.2	48	42	40.1	40.3	38.3	39.6	40.1	41.2	42.1	40.7
30-39	79.7	78.8	78.8	70.6	64.8	64.7	60.8	60.6	58.5	57.3	54	51.5
40-49	92.5	91.7	91.3	86.4	81.7	82.7	78	81.2	81	80.6	79.2	77.1
50-59	123.6	123.4	121.3	118.7	116.4	117.3	116.3	110.3	110.6	111.3	108.5	106.9
60-64	178.4	171.8	173.7	173.8	168.2	170.7	165.3	166.4	162.7	164.9	160.6	151.8
65-69	222.2	219.9	218.7	213.3	210.9	210.5	210	207.7	202.8	205	199.6	195.9
70-79	306.5	302.5	310.9	310.2	310.2	315.2	313.5	314.2	308.9	302.9	302.5	293.5
80+	434	443.7	446.2	455.5	469.6	484.7	474.2	476.9	471.5	469.7	467.7	469.7
0-19	31.1	30.6	29.9	28.6	26.8	27.2	24	23.7	23.4	28.9	25	24.8
20-44	74.4	74.5	75.2	67.8	63.7	63.9	59.8	60.4	59.1	59.1	58.4	55.4
45-64	130.6	126.6	125.4	123.1	118.8	120	117.4	116.2	116	116.2	112.9	110.5
65-74	247.2	245.5	247.3	241.6	240.8	243	243.7	241.7	237	233.5	228.1	223.7
75+	388	389.9	397.3	404.2	411.4	420.3	410.6	414.5	408.7	409.5	412.3	406.4
Male	197.9	196.3	197.9	192.7	188.9	188.4	185.4	186	183.2	183.6	180	177.3
Female	173.9	173.4	174	173.8	174.2	180.1	175.6	174.5	172.5	170.8	169.1	163.5
White	177.3	176.6	176.3	175.7	176.5	176.3	172.4	172.1	171.2	169.5	165.7	161.9
Black	206.6	205.6	210.4	203.4	196.8	202.1	200.2	199.9	194.7	196.2	195.3	191.1
Native American	161.2	140.3	141.4	155.1	149.3	161.3	168.4	159.9	169.1	162.8	162.9	157.7
Asian	131.9	123.8	125.7	118.7	118	135.3	127.6	127.4	120.4	115.9	120.1	117.7
†Hispanic			104.2	105.8	100.8	116.8	107.5	98.86	102.6	105.4	93.23	94.26
†Non-Hispanic			161.5	159.4	159.6	162.1	161.9	162.9	162.9	162.8	161.6	156.3
All	187.2	185.6	186.8	183.9	182.4	185.1	181.5	180.9	178.5	177.8	175.2	171

Table H.2.2 (supplement)

**Annual deaths per 1,000 patients: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>ALL</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		37.8	37.3	43.7	43	40.6	39.1	34.9	33.6	39.2	41.6	36.7
20-29		52.1	48.4	49.7	49.6	47.9	51.9	52.2	49.4	47.5	46.9	45.7
30-39		70.6	74.1	73.2	73.5	71.2	71	67.9	66.5	63.7	63.4	62.3
40-49		100.6	98.5	98.8	100.5	96.1	95.4	90.4	89.7	87.3	88.6	85.4
50-59		140	139.5	145.5	142.4	139.6	141.9	137	131.5	125.8	124.6	124.1
60-64		180.9	185.9	192.2	192.7	187.9	188.6	182.5	173.9	169.4	170.1	168.4
65-69		220.6	220.7	224.7	225.8	216.6	220.2	213.6	210.5	202.3	200.1	197.5
70-79		253.5	265.4	273.5	269.2	268	270.8	266	260.5	252.2	254.7	254.4
80+		321.5	341.6	340.9	346.8	331.8	351.3	347.9	325.8	323.2	329.4	333.9
0-19		37.3	38.8	44.9	44.4	40.2	39.7	35.8	35.5	41.8	45.6	38.4
20-44		70	72.6	71.7	71.9	69.5	71.1	68.6	67.7	65.4	65.7	64.6
45-64		145.8	146.5	152.2	151.9	148.2	149	143.4	137.7	133.2	132.8	130.8
65-74		230.2	233.3	240	238.6	233.3	235.9	230.1	225.1	217.5	218.6	216.5
75+		291.2	310.3	311.7	309.7	304.3	313.4	308.9	301.5	294.8	295.8	299.7
Male		184.6	188.7	193.9	193.5	189.1	192.9	187.6	180.1	173.3	173.5	172.2
Female		172.5	176.5	180	177	174.1	176.3	172	167.8	164	165.8	166.1
White		193.1	197.5	202.1	198.9	195	197.3	190.8	184.9	180.1	181.6	181.3
Black		156.3	157.3	162.6	165.2	162.1	167	167.3	160.4	155.1	154.6	155.4
Native American		136.5	153.3	157.7	162.5	168.5	163.6	156.4	167.5	150.3	150.1	150.9
Asian		142.9	165.9	167	161.3	153.3	151.6	135	134.4	124.2	123.8	115
†Hispanic												
†Non-Hispanic												
All		178.8	182.9	187.4	186	182.2	185.2	180.3	174.4	169	169.8	169.2
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	32.7	30.3	28.4	28.8	26.7	27.1	23.3	24	24	28.9	25.6	26
20-29	43.9	42.1	42.3	41.1	39.2	40.2	37	39.8	40.8	43.4	42.7	42.8
30-39	59.8	60.5	58.7	56.6	55.2	56.3	54	54.5	53.8	51.6	49.4	49.2
40-49	83	83.1	81.3	80.6	79.3	79.4	76.8	77.2	76.8	76.2	73.7	72.7
50-59	121.7	121.6	119.3	115.9	114.3	115.7	111.8	111	109.1	108.1	105.2	102.2
60-64	162	161.5	158.6	154.8	153.5	155	149.5	147.8	142.9	144.1	141.7	136.7
65-69	191.9	193.5	192.6	188.2	187.4	186.7	182.5	180.8	176.1	173.8	168.9	165.5
70-79	246.7	248.1	248.9	243.3	244.2	248.5	244.5	242	238.6	235.6	231.2	227.2
80+	326.3	331.2	332.5	329.6	332.8	344.5	337	337.9	332.8	329.8	324.2	323
0-19	34.1	31.7	29.2	29.5	27.7	28.3	24.9	25	24.7	29.9	26.7	27
20-44	62.6	62.7	61.7	60.3	59.5	59.4	57.4	57.2	57.6	56.7	55.1	54.3
45-64	126.4	126.1	123.3	120.2	118.6	120	116.1	115.6	112.8	112.6	110	107.3
65-74	210	211.8	211.2	206.9	206.7	207.9	203.7	201.1	197.3	194.4	189.3	185.4
75+	293.1	296.8	298.9	292.8	295.6	303.5	298.1	298.3	294.5	292.5	288.8	286.8
Male	167.3	167.6	166.7	162.2	161.3	162.7	158.5	157.3	154.1	153.3	150.2	147.7
Female	162.2	163.2	161.6	159.8	159.5	162.2	158.4	157.8	155.4	153.7	149.7	146.7
White	175.5	175.1	172.9	168.8	168.3	169.4	164.6	162.8	159.8	158	153.7	150.9
Black	151.2	153.8	153.2	150.8	149.7	154.5	151.8	153.2	150.2	150.1	148.2	145.9
Native American	146.8	138.8	147	146.2	149.1	151	158.5	154.8	153.6	147	141.8	144.1
Asian	119	124.3	128.4	127.1	127	127.3	120.9	118.1	114.8	113.9	112.7	110.5
†Hispanic			123.37	131.84	135.75	136.11	131.11	134.35	131.85	132.75	129.46	127.31
†Non-Hispanic			157.35	156.12	158.02	162.43	160.47	160.86	159.47	159.22	156.99	154.88
All	164.8	165.5	164.3	160.9	160.4	162.3	158.4	157.5	154.7	153.3	149.9	147.2

Table H.2.2 (supplement)

**Annual deaths per 1,000 patients: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		65.3	63	74.5	74.9	69.4	65.9	57.4	56.4	65.8	69.4	59.3
20-29		86.5	77.6	80.9	81.8	78.6	84.5	82.9	78.9	75	73.7	71.8
30-39		110.1	114.4	113.9	115.2	109.9	108.7	99.8	97.6	93.5	91.2	87.1
40-49		153.1	147	145	150.6	141.6	138.2	128.9	127.8	125.5	125.2	118.8
50-59		194.4	189.4	198.3	193.8	191.9	194.3	182.3	172.9	163.7	164.7	164.5
60-64		234.9	237.3	245.4	242.8	237.4	234.3	223.3	212.3	206.4	210.2	204.4
65-69		272.9	265.4	266.5	269.1	258.1	259.7	249.6	246	235.4	231.6	229.3
70-79		289.9	299.7	311.9	301.2	303.1	302.2	294.4	286.2	278.4	282.1	285
80+		341.1	363.6	355.2	365.8	346.2	378.6	370.6	329.9	333.2	343.8	351.9
0-19		63	65.3	76.6	77.8	67.8	66.8	59.1	59.9	70.8	77.3	61.5
20-44		110	114	113.8	114.4	108.2	110.3	102.9	101.5	97.8	96.3	92.4
45-64		200	196.2	203.3	203.2	199.3	197.9	186.4	178.2	172.1	173.7	170.1
65-74		280.8	276.3	281.6	279.4	272.6	272.1	263.7	257.3	247.9	249.4	249
75+		316.2	339.3	339.8	329.4	329.8	342	329.9	316.4	313	312.3	318.9
Male		225.9	228	232.7	232.4	226.3	230.3	219	208.9	200.7	202.3	201.2
Female		218.2	219.3	224.1	221.6	217.1	216.8	209.1	201.1	198.3	199.3	199
White		243.7	248.5	253.9	250.7	245.7	244.2	232.1	223.2	218	219.7	220.2
Black		178.5	171.3	178.3	180.9	175.6	184.7	182.5	172.5	167	167.9	166.6
Native American		148.8	192.9	177.4	192.7	182.7	187.7	184.9	186.6	176.8	172.9	162.2
Asian		234.7	236.3	216.7	210.9	199.7	211.5	183.7	171.2	154.1	161.9	141.5
†Hispanic												
†Non-Hispanic												
All		222	223.7	228.4	227.3	222	223.9	214.2	205.3	199.6	200.9	200
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	52.7	47.9	45.1	46.5	43.2	43.9	36.6	38.4	38.8	45.9	40	40.8
20-29	69.7	65.4	66.4	65.9	62.3	63.8	56.5	62.5	65.1	69	65.3	65.5
30-39	81.7	83.2	83.5	81.1	81	82.5	78.8	79.6	79.6	75.2	71.4	72.3
40-49	114.3	114.1	111.5	111.3	109.6	110.7	105.3	104.4	102.6	100.5	96.9	95.8
50-59	158.6	158.1	155.1	150.5	148.9	150.2	144.9	144.5	138.6	136.7	133.8	127.8
60-64	197.4	195.2	191.4	183.7	184.9	187	180.6	176.9	169.9	171.1	168.3	163.3
65-69	221.9	223.7	223	220.9	219.7	219.4	213.4	211.5	205.2	202.7	197.4	192.3
70-79	276.8	275	275	265.7	268.5	274.6	268.7	266.4	262.4	259.4	253.8	250.8
80+	344.7	349	353.8	347.6	348.5	367.8	356.8	357.6	349.3	346.5	335.6	336.2
0-19	54.3	50	46.1	47.1	44.4	45.7	39.7	39.9	39.3	46.8	41.9	41.9
20-44	88.8	89.6	90.4	89	88	88	84.5	83.5	84.3	81.8	78.6	78
45-64	163	161.8	158.4	153.8	153.5	155.8	150	149	143.2	142.4	139.3	134.7
65-74	241.3	240.7	239.8	235.4	236	237.9	232.3	229.7	224.6	221.5	215.1	210.3
75+	312.3	316	319.7	309.1	311.7	323.7	314.7	315	309.9	308	302.4	302.2
Male	194.6	193.4	193.9	187	186.7	190	184.3	183.2	178.2	176.2	171.7	168.7
Female	193.2	193.3	190.4	188.2	188.9	193	186.3	185.5	181.7	180.2	174.8	172
White	212.1	209.9	208.2	201	201	203.8	195.9	193.9	189.1	186.5	181.3	177.7
Black	161.2	164.6	162.6	162.3	161.9	168.3	165.7	167.8	163.6	163.2	159.2	157.5
Native American	159.9	155	165.5	163.9	165.7	167.5	169	163.3	165.3	159.8	151.7	149.9
Asian	146.9	152.1	164.2	162.4	163.5	159.5	149.8	143.1	140.9	139.4	138.3	134.6
†Hispanic			158.94	170.51	178.37	172.61	166.7	169.74	163.75	164.56	162.14	160.18
†Non-Hispanic			191.03	187.27	190.86	198.37	192.51	193.55	189.88	189.15	185.15	182.07
All	193.7	193.2	192.2	187.2	187.5	191.2	185	184.1	179.7	177.8	172.9	170

Table H.2.2 (supplement)

**Annual deaths per 1,000 patients: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		16	17.6	20.7	19.8	19.5	19.2	18.4	17.3	22	24.5	23
20-29		24.5	25.7	26.7	26.3	25.9	27.9	30.3	27.2	28.2	27.2	27.9
30-39		37.5	42.3	41.1	41.1	40.4	42.2	42.5	43.5	41.4	43.7	44.2
40-49		59.4	61.3	62.3	63.6	62.6	63.7	61.7	62.3	62	67.4	66.4
50-59		99.4	104.6	110.6	110.7	107.4	111.2	110.5	109.2	109.1	107.4	105
60-64		146.2	151.3	162.6	162	161.1	160.5	162.3	158.5	159.2	154	160.7
65-69		190.1	194.9	199.8	199.2	192.9	201.8	195.1	195.2	190.3	190.9	189.6
70-79		226.2	245.8	259.7	248.6	254.9	259.1	257.9	252	244.1	246.1	249.8
80+		319.4	335	337	335.2	328.8	345.6	345.4	335.2	324.2	325.3	329.1
0-19		17.6	19.5	22.2	21	20.7	20.7	19.6	19.6	24.4	28.7	26.9
20-44		38.9	41.6	40.1	41.6	41.5	43.5	43.6	43.9	42.9	45.7	48.1
45-64		109.6	115	123.4	123.1	121.3	122.7	122.4	120.7	120.8	118.7	118.6
65-74		196.7	207.6	218.7	214.1	214.5	220.3	217.4	214	207.8	210.6	210.7
75+		279.9	299.4	303.9	294.9	296.8	306.9	305.4	298.6	291.1	292.1	298.7
Male		150.5	157.6	166.9	167.2	164.5	169.3	167.2	162.9	158.9	159.1	157.4
Female		139.8	149.9	152.8	146.4	148.4	152.6	151.6	150.7	148.5	150.1	154.1
White		158.5	166.3	172.8	167.9	167.1	173.1	170.9	167.9	165.7	168.2	168.6
Black		125.9	130.8	135.1	137.8	136.2	139.8	141.9	139	136.3	134.5	136.7
Native American		116.2	107.9	143.5	138.4	160	132.8	126.4	149.1	115.1	134.8	145.9
Asian		79.7	131.9	136.7	131.8	130.5	121.2	109.7	112.9	101.2	90.3	93.4
†Hispanic												
†Non-Hispanic												
All		145.6	154	160.3	157.5	156.7	161.4	159.8	156.9	153.9	154.7	155.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	19.8	19.2	16.3	15.4	14.6	14.7	13.7	14.1	13.7	16.9	16.1	16.9
20-29	25.7	25.9	23.4	22.4	21.9	22.6	22.7	23.9	23.8	25.5	27.8	28.6
30-39	44.1	45.7	40.1	36.5	35.1	36.4	35.9	37.1	35.6	35.2	34.3	33.7
40-49	63.8	63.1	60.4	60.6	61.2	60.1	60.5	61	61.9	62.6	60.7	60.1
50-59	106.3	106.7	104.1	100.1	98.7	102.1	96.8	97.7	98	96.7	94.4	93.5
60-64	151	157.3	149.5	145.8	144.6	146.9	142.4	139.2	134	136.9	133.9	133
65-69	188.3	192.4	190	184.8	182.6	182.6	175.1	175.5	172	168.3	164	162.6
70-79	241.6	246.3	245	243.5	242.4	245.4	241.9	238.6	234.7	231.8	228.6	225.6
80+	328.6	331.2	331.5	330.8	331.4	336.1	332.5	332.1	328.7	325.3	321.5	321.5
0-19	23.1	21.7	18.2	17.4	16.6	16.6	15.4	15.7	15.5	19.3	17.8	19
20-44	46.9	45.6	40.9	40	40.4	39.9	39.3	39.8	40.8	41.1	40.6	40.1
45-64	114.5	117.1	112.6	108.8	107.4	109.6	106	105.4	103.4	104	101.6	101.2
65-74	206.6	212.1	209.6	206.8	204.1	206.5	200.3	197.8	194.1	190.9	188.8	185.7
75+	294.1	296.7	297.5	295.7	296.7	299.8	298.1	297.3	294.6	291.7	288	287.8
Male	153.8	155.7	152.5	149.8	149.9	150.9	146.2	145.2	143	142.8	140.6	139.5
Female	151.7	154.7	152.2	150.2	147.4	149.8	148	147.8	146.1	143.9	140.7	139.2
White	163.9	165.1	160.8	157.9	155.9	156.8	152.8	151.6	149.5	148.2	144.6	142.8
Black	135	139.5	139.2	137	137.2	141.6	138.8	139.4	138.2	137.2	136.6	135.4
Native American	152.1	130.9	144.6	138.1	146.1	145.5	161.2	168.6	156.8	147.1	141.9	156.6
Asian	96.1	108.5	103.2	103.5	105.7	104.7	101	99.6	95.9	97.2	95.5	98.1
†Hispanic			126.87	135.08	129.42	130.33	126.64	129.66	133.53	128.9	123.95	118.61
†Non-Hispanic			172.33	172.35	173.77	176.54	175.4	175.16	174.04	173.38	172.81	172.64
All	152.9	155.1	152.3	149.7	148.8	150.3	147	146.4	144.4	143.2	140.5	139.2



Table H.2.2 (supplement)

**Annual deaths per 1,000 patients: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		13.9	13.7	16.4	17	17.4	17.5	16.6	16.6	18.6	18	17.5
20-29		21	20	20.5	22.8	23.2	25.3	24.9	25.5	22.3	21.7	21.9
30-39		31.1	31.9	32	35	39.3	41.4	41.5	39.8	38.4	36.3	36.5
40-49		48.6	50	50.2	53.8	53.7	54.5	51.8	54	53.2	52.8	52
50-59		85.8	84.4	88	86.2	85.8	88.9	89.8	91.3	85.9	82.1	84.5
60-64		122.7	128.8	129.3	132.5	129.7	140.4	133.5	127.3	123.6	129.8	123.4
65-69		168.3	167.3	173.7	168.1	164.8	175.5	168.9	171.4	163.1	156.5	153.4
70-79		206.8	220.7	222.5	224	218	233.8	229.6	229.5	217.7	222.6	211.6
80+		290.5	307.2	307.6	306.1	302.5	323	306.9	309.2	301.6	313.5	307.8
0-19		14.4	15	17.1	16.9	17.1	17.7	17.1	17.1	19.6	18.7	17.9
20-44		30	30.2	30.2	34	36.9	38.8	37.9	37.7	36.2	34.8	35.2
45-64		87	88.8	91.2	91.2	89.8	94.3	92.5	91.9	88.4	88.1	86.2
65-74		175.7	178.9	185.6	183.2	179.1	193.3	188.1	187.7	179.8	178.5	170.4
75+		252.8	271.5	273.1	274.9	267.1	281	271.6	280.1	264.1	271.6	267.2
Male		136.3	143.5	144.5	147	145.2	152.5	147	145.5	140	139.4	136.9
Female		120.6	121.6	126.2	123.5	122	130.9	129.3	131.3	125.2	128.1	123.5
White		135.5	136.4	137.2	135.6	132.4	140.6	139.6	136.8	131.6	134.6	131.9
Black		121.3	130.2	130.1	133.5	136.4	148	140.4	143.6	137.4	134.1	130.7
Native American		106.1	101.8	145.2	149.3	151.9	142.5	141.2	168.8	160.4	144.2	116.7
Asian		62	92.7	125.3	127.5	110.2	97.5	80.4	96.8	88.8	97.7	91.8
†Hispanic												
†Non-Hispanic												
All		128.9	133.1	135.8	135.8	134	142	138.5	138.9	133	134.1	130.6
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	14.8	13.5	12.5	13.7	12.2	12.1	10.5	10.9	10.9	13.5	11.8	12
20-29	19.1	20.2	18.8	20.3	18.7	19.6	18.3	19.9	19.8	22.2	21.1	21.8
30-39	33	32.2	30.7	32.3	29.6	30.1	29.1	29.2	28.3	27.1	26	25.5
40-49	51.9	52.8	52.4	51.9	50.3	48.3	48.6	49.6	50.6	49.7	46.9	46.3
50-59	82.4	83.4	80.2	79.7	76.6	78.9	75.3	75.6	74.4	74.9	70.9	70
60-64	118.7	115.6	119	117.2	114.5	112.3	106.5	108.6	106.9	103.8	104.4	97.3
65-69	150.7	152.6	153.2	145.9	145.4	140.9	140.3	139.1	132.1	131.7	123.7	121.3
70-79	203.6	209.6	212	204	205.9	206.2	203.6	198.3	195.8	191.8	183.6	180.4
80+	296.9	305.5	305.9	302	305.8	315.9	309.1	308.5	304.2	295	293.3	286.8
0-19	15.2	13.6	13	14	12.5	12.2	10.6	11	11.1	13.5	12	11.9
20-44	32.8	33.4	31.8	33	31.1	31.1	30.5	30.9	31.2	31	29.4	29
45-64	83.7	83	82.4	81.2	78.4	78.1	75.2	76.3	75.5	74.9	72.7	70.7
65-74	166.6	169.3	172.3	167.4	166.9	161.6	160.1	156.5	153.4	150.6	142	138.8
75+	257.2	267.8	266.7	255	260.2	269	264.8	263.9	258.2	252.6	248	243.9
Male	130.9	133.6	132.1	128.6	125.9	126.6	122.9	122	119.9	118	114	112.5
Female	121.7	122.8	124.3	122.2	123.6	123.5	122.6	121	118.4	116.6	112.4	108.9
White	129.2	130	129.8	127	126.9	126.6	125.1	121.3	118.8	116.5	111.4	109.6
Black	124.4	127.6	127.6	123.4	122.2	124.4	119.5	124.2	122.6	121.1	119.6	116.4
Native American	98.6	122.5	125	118.4	123.5	118.9	133.5	114.8	121.3	118.7	110.3	110.4
Asian	86.7	93.4	93.8	97.3	88.7	87.9	83.2	90.3	84.9	83.5	75.6	69.5
†Hispanic			57.46	55.79	59.64	60.19	55.02	63.54	56.32	58.85	56.85	54.04
†Non-Hispanic			96.6	96.05	94.16	95.09	95.27	92.56	92.42	91.47	86.67	86.92
All	126.6	128.8	128.7	125.7	124.9	125	122.7	121.6	119.3	117.5	113.3	110.8

Table H.2.2 (supplement)

**Annual deaths per 1,000 patients: ESRD patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD patients as reference*

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19		32.6	32.3	36.7	33.2	32.4	32.1	29.3	26.2	28.1	30.5	27.6
20-29		47.3	44.6	44.3	41.1	38.6	44.1	46.5	43.2	42.5	45	42
30-39		70.4	71.9	70.2	66.7	64.6	62.8	65.1	62.7	59.2	61.9	64.7
40-49		93.7	92.4	96	90.7	87.6	88.9	86.6	82.3	77.4	79.4	79.6
50-59		132.2	133.9	136.8	131.8	126.1	127.9	128.3	119	111	107.6	107.1
60-64		174.8	182.4	184.3	188.7	181.1	181	174.8	162.3	152.9	151.2	150.5
65-69		211.4	218.1	224	226	211.7	208.8	212	201.1	190.8	190.4	184.7
70-79		255.4	262.5	264.4	270	258.7	259.3	256.4	249.8	242.1	242.9	242.1
80+		318.2	341.7	348.6	364.4	341.2	338.2	341.7	320.7	322.8	320.3	329.7
0-19		31.9	31.7	35.8	32.7	32.2	31.4	28.4	25.2	26.8	29	26.4
20-44		66.9	67.2	66.2	61.9	60.6	60.6	63.1	61.4	59.1	61.5	62.3
45-64		138.1	140.7	144	142.2	135.9	137.9	134.6	124	115.7	113.4	112.5
65-74		225.3	231.8	235.4	237.6	226.5	225.7	223.7	213.6	206.5	206.9	202.9
75+		291.8	303.9	309.5	322.2	302.1	299.2	306.1	296.2	290.5	289.1	294.7
Male		183.1	187.3	190.3	189.8	183.6	182.8	183.2	172.4	165.5	164	164.4
Female		160.4	166.2	169.2	171.4	160.4	162	160.3	154.8	149.3	151.1	149.9
White		174.6	177	177.7	177.8	168.2	169.9	165.7	159.4	152.5	153.1	150.6
Black		174.9	184.5	190.4	194.6	186.4	184.3	191.6	177.2	170.8	170.8	174.6
Native American		156.8	170	142.7	138.5	156.5	169.9	149.4	153	142	126	148.8
Asian		86.9	100.5	127.8	117.5	111	99.2	98.5	105	112.9	108.5	105.4
†Hispanic												
†Non-Hispanic												
All		172.3	177.3	180.6	181.6	173	173.5	172.9	164.6	158.4	158.7	158.2
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	25.9	25.3	25.2	24.3	23.1	23.1	20.5	20.2	20.1	24.5	21.4	20.9
20-29	41.8	39.2	40.8	35.9	34.7	34.8	33.4	34.5	35.1	36.1	36.9	35.5
30-39	66.5	65.7	65.4	60.2	56.3	56.4	53.2	53	51.2	50.7	48	45.8
40-49	78	77.7	77.2	73.4	70	71.2	67.8	70.4	70.3	70.2	69.2	67.4
50-59	104.2	104.5	103.3	100.1	98.6	99.4	99.4	94.5	94.9	95.4	93.3	91.7
60-64	147	142.5	143.9	143	139	141.3	137.4	137.6	134.8	137	133.8	126.3
65-69	179.3	177.8	176.6	170.3	169.5	169.4	169.7	168	164	165.6	162	158.2
70-79	235.5	232.5	236.8	234.6	234.5	238.1	238.1	237.6	235.2	232.2	231.9	223.6
80+	314.1	318.9	317.5	319.1	327.1	335.2	330.8	333	330.1	331	330.5	329.8
0-19	24.9	24.8	24.5	23.7	22.5	22.7	20.3	20	19.7	24.3	21.1	20.7
20-44	62.3	62.4	62.9	57.4	54.8	55.2	52.2	52.8	51.7	52	51.5	48.9
45-64	109.9	107.2	106.3	104	100.7	101.8	100.2	99	99	99.4	96.8	94.6
65-74	196.2	195.5	196	190.2	190.1	191.7	192.8	191.1	187.9	185.7	182.1	177.8
75+	286.9	286.1	289.2	290.6	294.8	300	295.9	297.7	295.4	297.5	299.2	292.8
Male	160.9	159.5	160.4	155.3	152.7	152.3	151	151.4	149.7	150.7	148	145.1
Female	145.3	145.1	144.7	143.4	143.7	148.3	145.4	144.1	142.9	142	140.9	135.8
White	145.8	145.4	144.3	142.9	143.3	143.2	141.1	140.6	140.2	139.6	136.7	133.2
Black	170.3	169.3	172.7	165.7	161.4	165.8	165.1	164.6	160.9	162.5	162.3	158
Native American	137.5	122.8	121.3	132.9	129.4	139.4	143.1	136.2	141.5	137.9	138.7	131.7
Asian	111.1	105.3	108.3	102.8	102.8	115.7	111	109.8	104.5	101.6	104.5	100.9
†Hispanic			87.93	90.02	85.85	99.22	90.41	85.12	88.33	91.11	81.1	81.64
†Non-Hispanic			133.38	131.39	131.64	133.52	134.27	134.54	134.77	135.03	134.11	129.16
All	153.9	152.7	153.1	149.8	148.8	150.9	148.9	148.2	146.7	146.8	144.9	140.8

Table H.2.3 (supplement)

**ESRD patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	76	72	59	73	75	92	81	87	90	80	77	98	101
20-29	257	301	290	320	325	357	377	378	460	468	436	447	478
30-39	586	627	763	754	951	1,023	1,151	1,292	1,340	1,419	1,487	1,493	1,618
40-49	914	1,001	1,023	1,150	1,304	1,465	1,664	1,756	1,950	2,093	2,401	2,563	2,925
50-59	1,705	1,856	2,107	2,486	2,610	3,009	3,101	3,298	3,670	3,849	4,017	4,258	4,642
60-64	1,193	1,272	1,536	1,742	2,100	2,421	2,697	2,795	3,111	3,319	3,423	3,773	4,114
65-69	1,323	1,461	1,596	1,932	2,262	2,637	3,028	3,236	3,811	4,184	4,666	5,011	5,501
70-79	1,557	1,876	2,245	2,733	3,485	4,150	4,660	5,394	6,123	6,909	7,728	8,647	10,234
80+	293	391	493	602	879	1,073	1,336	1,542	1,999	2,361	2,631	3,219	3,827
0-19	76	72	59	73	75	92	81	87	90	80	77	98	101
20-44	1,224	1,372	1,508	1,550	1,876	2,008	2,237	2,471	2,670	2,842	3,032	3,134	3,426
45-64	3,431	3,685	4,211	4,902	5,414	6,267	6,753	7,048	7,861	8,306	8,732	9,400	10,351
65-74	2,265	2,643	2,965	3,586	4,306	5,061	5,688	6,345	7,255	8,016	8,888	9,811	11,290
75+	908	1,085	1,369	1,681	2,320	2,799	3,336	3,827	4,678	5,438	6,137	7,066	8,272
Male	4,404	5,026	5,645	6,502	7,659	8,920	10,019	10,856	12,311	13,376	14,401	15,634	17,683
Female	3,500	3,831	4,467	5,290	6,332	7,307	8,076	8,922	10,243	11,306	12,465	13,875	15,757
White	5,760	6,521	7,419	8,505	10,065	11,516	12,689	13,856	15,801	16,987	18,601	20,483	23,307
Black	2,115	2,300	2,602	3,163	3,724	4,430	5,038	5,502	6,274	7,159	7,552	8,294	9,267
Native American	22	29	54	66	99	122	159	183	208	245	298	290	323
Asian	*	*	37	58	103	159	209	237	271	291	415	442	543
†Hispanic													
†Non-Hispanic													
All	7,904	8,857	10,112	11,792	13,991	16,227	18,095	19,778	22,554	24,682	26,866	29,509	33,440
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	82	79	79	83	84	73	79	66	71	72	99	65	71
20-29	456	439	424	444	415	384	418	380	428	423	440	418	411
30-39	1,724	1,729	1,789	1,776	1,730	1,635	1,739	1,675	1,721	1,700	1,592	1,538	1,538
40-49	3,014	3,258	3,561	3,718	3,934	3,970	4,177	4,264	4,541	4,621	4,650	4,624	4,701
50-59	5,139	5,626	5,950	6,223	6,638	7,122	7,851	8,162	8,759	9,186	9,602	9,715	9,883
60-64	4,310	4,411	4,673	4,877	5,090	5,391	5,779	5,898	6,169	6,187	6,838	7,016	6,908
65-69	6,037	6,407	6,798	7,137	7,428	7,817	8,075	8,385	8,685	8,778	8,991	9,098	9,186
70-79	11,482	12,241	13,490	14,744	15,702	17,287	18,791	19,481	20,110	20,666	21,045	21,192	21,309
80+	4,483	5,029	5,677	6,392	7,192	8,129	9,321	10,005	11,069	12,122	12,974	13,604	14,547
0-19	82	79	79	83	84	73	79	66	71	72	99	65	71
20-44	3,553	3,619	3,761	3,796	3,770	3,703	3,838	3,794	3,874	3,967	3,834	3,739	3,703
45-64	11,090	11,844	12,636	13,242	14,037	14,799	16,126	16,585	17,744	18,150	19,288	19,572	19,738
65-74	12,420	13,253	14,358	15,141	15,835	16,897	17,757	18,273	18,758	19,131	19,409	19,504	19,669
75+	9,582	10,424	11,607	13,132	14,487	16,336	18,430	19,598	21,106	22,435	23,601	24,390	25,373
Male	19,250	20,594	22,261	23,891	25,070	27,115	29,388	30,603	32,401	33,699	35,368	36,300	37,203
Female	17,477	18,625	20,180	21,503	23,143	24,693	26,842	27,713	29,152	30,056	30,863	30,970	31,351
White	25,355	26,727	28,678	30,594	32,468	34,985	37,527	39,072	41,138	42,847	44,266	44,785	45,820
Black	10,397	11,264	12,371	13,129	13,952	14,891	16,532	16,943	18,016	18,314	19,233	19,661	19,821
Native American	377	423	434	540	539	573	652	740	702	773	777	761	799
Asian	598	805	958	1,131	1,254	1,359	1,519	1,561	1,697	1,821	1,955	2,063	2,114
†Hispanic				3,476	4,204	4,759	5,238	5,658	12,452	6,526	7,009	7,190	7,434
†Non-Hispanic				42,099	44,329	47,459	51,494	53,204	111,688	57,721	59,750	60,603	61,647
All	36,727	39,219	42,441	45,394	48,213	51,808	56,230	58,316	61,553	63,755	66,231	67,270	68,554

Table H.2.3 (supplement)

**ESRD patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	58	54	73	102	87	112	124	128	153	147	133	143	141
30-39	152	201	276	281	403	448	512	546	572	560	629	640	671
40-49	166	219	271	370	427	483	655	686	766	888	1,052	1,171	1,311
50-59	256	311	458	710	762	1,021	1,128	1,310	1,479	1,559	1,750	1,956	2,281
60-64	174	215	324	436	582	750	881	1,005	1,150	1,302	1,474	1,699	1,992
65-69	150	212	274	416	497	674	869	1,032	1,238	1,469	1,793	2,008	2,305
70-79	97	143	279	373	529	739	896	1,163	1,357	1,655	2,100	2,558	3,203
80+	*	19	14	45	75	78	126	156	253	286	309	493	624
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	282	363	475	541	713	799	921	985	1,098	1,115	1,233	1,309	1,387
45-64	524	637	927	1,358	1,548	2,015	2,379	2,690	3,022	3,341	3,805	4,300	5,009
65-74	216	314	469	680	851	1,165	1,452	1,788	2,096	2,531	3,106	3,605	4,379
75+	36	60	98	154	250	326	439	563	752	879	1,096	1,454	1,753
Male	576	719	978	1,329	1,637	2,090	2,550	2,906	3,425	3,724	4,339	4,900	5,812
Female	482	656	992	1,406	1,727	2,217	2,649	3,124	3,548	4,145	4,904	5,775	6,724
White	803	1,027	1,478	1,984	2,471	3,095	3,660	4,267	4,825	5,405	6,434	7,454	8,683
Black	250	338	449	689	792	1,089	1,347	1,553	1,875	2,161	2,438	2,817	3,354
Native American	*	*	28	36	64	71	109	112	143	176	200	214	235
Asian	*	*	15	26	37	52	83	98	130	127	171	190	264
†Hispanic													
†Non-Hispanic													
All	1,058	1,375	1,970	2,735	3,364	4,307	5,199	6,030	6,973	7,869	9,243	10,675	12,536
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	141	135	108	124	119	90	103	74	104	98	99	78	89
30-39	673	675	736	751	707	707	715	679	694	701	598	593	637
40-49	1,326	1,450	1,592	1,687	1,838	1,848	1,959	1,916	2,006	2,071	2,038	2,027	2,077
50-59	2,580	2,805	3,085	3,324	3,592	3,949	4,365	4,565	4,957	4,972	5,244	5,431	5,265
60-64	2,066	2,207	2,417	2,629	2,731	3,080	3,362	3,448	3,597	3,637	4,036	4,125	4,060
65-69	2,701	2,899	3,237	3,552	3,907	4,163	4,433	4,668	4,920	4,968	5,105	5,202	5,223
70-79	3,834	4,325	4,879	5,705	6,292	7,319	8,283	8,622	9,272	9,663	9,942	10,079	10,310
80+	775	910	1,110	1,380	1,621	2,004	2,516	2,633	3,118	3,496	3,865	4,038	4,494
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	1,373	1,444	1,504	1,570	1,551	1,527	1,545	1,516	1,506	1,580	1,444	1,404	1,451
45-64	5,413	5,828	6,434	6,945	7,436	8,147	8,959	9,166	9,852	9,899	10,571	10,850	10,677
65-74	5,122	5,616	6,262	6,981	7,641	8,406	9,102	9,492	9,972	10,195	10,440	10,456	10,638
75+	2,188	2,518	2,964	3,656	4,179	5,080	6,130	6,431	7,338	7,932	8,472	8,863	9,389
Male	6,509	7,098	7,933	9,060	9,581	10,923	12,256	12,786	13,850	14,441	15,292	15,920	16,335
Female	7,590	8,313	9,234	10,092	11,228	12,237	13,483	13,820	14,821	15,166	15,636	15,655	15,820
White	9,855	10,533	11,595	12,920	13,772	15,433	17,067	17,523	18,971	19,701	20,458	20,927	21,365
Black	3,731	4,190	4,785	5,227	5,970	6,576	7,391	7,726	8,299	8,341	8,853	8,968	9,080
Native American	262	313	329	410	412	439	501	551	532	587	588	575	592
Asian	251	375	458	595	655	712	780	806	869	978	1,029	1,105	1,118
†Hispanic				2,106	2,666	3,141	3,391	3,728	8,272	4,297	4,652	4,885	5,078
†Non-Hispanic				17,158	18,365	20,303	22,679	23,249	49,766	25,630	26,607	27,001	27,418
All	14,099	15,411	17,167	19,152	20,809	23,160	25,739	26,606	28,671	29,607	30,928	31,575	32,155

Table H.2.3 (supplement)

**ESRD patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29		14	13	21	25	28	29	31	31	48	30	48	41
30-39	42	44	73	68	101	113	120	145	175	192	213	207	244
40-49	112	129	165	164	195	248	284	302	351	364	427	455	564
50-59	244	275	322	419	488	568	622	646	742	791	862	954	982
60-64	162	194	268	361	417	554	605	651	715	831	862	965	950
65-69	184	270	340	461	580	666	802	882	1,107	1,174	1,369	1,516	1,625
70-79	235	377	546	780	1,102	1,415	1,509	2,013	2,307	2,656	2,962	3,374	3,953
80+	49	75	163	210	296	413	523	668	912	1,100	1,313	1,576	1,924
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	88	116	157	154	205	225	259	299	348	395	425	453	547
45-64	481	540	684	879	1,021	1,286	1,401	1,476	1,666	1,831	1,969	2,176	2,234
65-74	329	508	671	903	1,182	1,460	1,617	1,959	2,314	2,562	2,872	3,216	3,669
75+	139	214	378	548	796	1,034	1,217	1,604	2,012	2,368	2,772	3,250	3,833
Male	609	795	1,114	1,461	1,846	2,369	2,700	3,088	3,654	4,117	4,615	5,164	5,863
Female	428	584	778	1,027	1,361	1,638	1,795	2,256	2,688	3,041	3,427	3,940	4,428
White	556	804	1,167	1,530	1,966	2,466	2,676	3,280	3,947	4,359	4,973	5,707	6,585
Black	479	573	717	942	1,209	1,493	1,765	1,987	2,319	2,712	2,938	3,276	3,564
Native American	*	*	*	*	*	14	12	19	14	19	31	19	37
Asian	*	*	*	*	25	34	42	58	62	68	100	102	105
†Hispanic													
†Non-Hispanic													
All	1,037	1,379	1,892	2,488	3,207	4,007	4,495	5,344	6,342	7,158	8,042	9,104	10,291
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	51	44	46	45	39	42	37	45	40	44	39	55	43
30-39	258	276	285	225	222	219	242	241	264	257	251	252	229
40-49	576	621	705	703	750	788	791	865	902	893	958	964	973
50-59	1,026	1,257	1,249	1,261	1,304	1,392	1,506	1,472	1,657	1,829	1,840	1,864	2,010
60-64	1,105	1,072	1,176	1,066	1,136	1,136	1,170	1,201	1,229	1,187	1,359	1,360	1,393
65-69	1,755	1,911	1,919	1,878	1,868	1,921	1,945	1,867	1,950	1,981	1,959	2,013	2,045
70-79	4,550	4,695	5,138	5,249	5,499	5,762	6,080	6,255	6,239	6,349	6,438	6,475	6,388
80+	2,337	2,665	2,876	3,152	3,497	3,809	4,271	4,703	5,078	5,521	5,876	6,237	6,646
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	581	588	595	537	561	588	575	607	623	651	642	651	634
45-64	2,435	2,682	2,866	2,763	2,890	2,989	3,171	3,217	3,469	3,559	3,805	3,844	4,014
65-74	4,053	4,302	4,561	4,460	4,530	4,611	4,795	4,680	4,712	4,814	4,807	4,938	4,848
75+	4,589	4,969	5,372	5,819	6,334	6,881	7,501	8,145	8,555	9,037	9,466	9,787	10,231
Male	6,435	7,054	7,531	7,537	8,023	8,480	8,950	9,175	9,630	10,051	10,546	10,891	11,114
Female	5,229	5,494	5,869	6,044	6,293	6,590	7,092	7,477	7,731	8,010	8,176	8,334	8,619
White	7,329	7,805	8,235	8,281	8,853	9,232	9,715	10,225	10,619	11,085	11,503	11,708	12,065
Black	4,132	4,497	4,877	4,999	5,129	5,450	5,905	5,959	6,247	6,460	6,640	6,907	6,997
Native American	44	46	34	49	42	50	54	73	76	64	65	74	90
Asian	159	200	254	252	292	338	368	395	419	452	514	536	581
†Hispanic				663	764	794	877	964	2,114	1,170	1,206	1,221	1,236
†Non-Hispanic				12,948	13,595	14,339	15,243	15,769	32,768	16,970	17,602	18,105	18,588
All	11,664	12,548	13,400	13,581	14,316	15,070	16,042	16,652	17,361	18,061	18,722	19,225	19,733

Table H.2.3 (supplement)

**ESRD patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	14	17	15	23	22	25	19	19	24	27	26	31	24
20-29	43	56	61	63	64	72	95	87	97	94	116	79	96
30-39	79	94	102	121	128	155	209	279	279	289	283	295	274
40-49	110	123	135	144	190	204	257	272	297	314	381	401	425
50-59	183	212	279	287	303	359	361	394	436	490	509	489	502
60-64	132	138	156	222	267	268	317	320	399	366	364	394	436
65-69	128	157	202	228	263	321	341	392	489	470	517	535	518
70-79	147	197	262	317	426	489	589	635	778	844	911	929	1,133
80+	20	27	63	76	93	141	165	206	247	273	338	380	443
0-19	14	17	15	23	22	25	19	19	24	27	26	31	24
20-44	175	208	234	250	285	313	434	501	520	534	585	584	571
45-64	372	415	499	587	667	745	805	851	988	1,019	1,068	1,074	1,162
65-74	214	282	356	412	501	597	677	752	936	944	1,005	1,045	1,147
75+	81	99	171	209	281	354	418	481	578	643	761	799	947
Male	517	620	802	932	1,108	1,261	1,499	1,643	1,874	1,958	2,114	2,193	2,339
Female	339	401	473	549	648	773	854	961	1,172	1,209	1,331	1,340	1,512
White	684	850	1,045	1,176	1,379	1,560	1,785	1,926	2,297	2,416	2,522	2,631	2,936
Black	168	167	217	293	353	420	506	619	693	686	815	811	806
Native American	*	*	*	*	*	19	17	21	19	23	33	26	23
Asian	*	*	*	*	17	35	45	38	37	42	75	65	86
†Hispanic													
†Non-Hispanic													
All	856	1,021	1,275	1,481	1,756	2,034	2,353	2,604	3,046	3,167	3,445	3,533	3,851
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	27	21	15	19	26	17	15	15	18	15	20	13	12
20-29	109	75	109	88	109	91	111	87	109	98	124	93	109
30-39	307	266	267	269	310	246	274	279	271	272	254	245	242
40-49	464	515	544	568	593	584	563	645	661	669	658	616	639
50-59	603	611	638	633	693	686	794	796	871	914	960	899	979
60-64	376	406	398	447	456	447	439	426	478	473	463	538	471
65-69	583	589	612	633	583	625	594	644	613	572	623	560	594
70-79	1,092	1,187	1,317	1,400	1,381	1,496	1,563	1,576	1,473	1,508	1,472	1,341	1,360
80+	448	516	614	647	717	778	832	851	857	911	909	945	938
0-19	27	21	15	19	26	17	15	15	18	15	20	13	12
20-44	648	588	644	606	684	600	634	650	651	664	652	590	609
45-64	1,211	1,285	1,312	1,399	1,477	1,454	1,547	1,583	1,739	1,762	1,807	1,801	1,831
65-74	1,169	1,231	1,311	1,386	1,343	1,403	1,347	1,432	1,342	1,353	1,333	1,223	1,271
75+	954	1,061	1,232	1,294	1,338	1,496	1,642	1,639	1,601	1,638	1,671	1,623	1,621
Male	2,498	2,546	2,799	2,867	2,957	2,969	3,146	3,190	3,231	3,293	3,310	3,201	3,324
Female	1,511	1,640	1,715	1,837	1,911	2,001	2,039	2,129	2,120	2,139	2,173	2,049	2,020
White	3,008	3,169	3,369	3,537	3,623	3,738	3,854	3,964	3,837	3,952	3,934	3,708	3,816
Black	887	893	974	985	1,043	1,036	1,124	1,125	1,262	1,239	1,294	1,317	1,300
Native American	24	25	41	40	36	44	44	58	42	56	58	46	52
Asian	90	99	130	142	166	152	163	172	210	185	197	179	176
†Hispanic				275	293	335	357	351	846	389	422	417	408
†Non-Hispanic				4,441	4,594	4,652	4,857	4,993	9,918	5,077	5,103	4,868	4,962
All	4,009	4,186	4,514	4,704	4,868	4,970	5,185	5,319	5,351	5,432	5,483	5,250	5,344

Table H.2.3 (supplement)

**ESRD patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	62	53	41	44	48	63	53	58	59	48	44	51	61
20-29	147	177	143	134	149	145	129	132	179	179	157	177	200
30-39	313	288	312	284	319	307	310	322	314	378	362	351	429
40-49	526	530	452	472	492	530	468	496	536	527	541	536	625
50-59	1,022	1,058	1,048	1,070	1,057	1,061	990	948	1,013	1,009	896	859	877
60-64	725	725	788	723	834	849	894	819	847	820	723	715	736
65-69	861	822	780	827	922	976	1,016	930	977	1,071	987	952	1,053
70-79	1,078	1,159	1,158	1,263	1,428	1,507	1,666	1,583	1,681	1,754	1,755	1,786	1,945
80+	219	270	253	271	415	441	522	512	587	702	671	770	836
0-19	62	53	41	44	48	63	53	58	59	48	44	51	61
20-44	679	685	642	605	673	671	623	686	704	798	789	788	921
45-64	2,054	2,093	2,101	2,078	2,178	2,221	2,168	2,031	2,185	2,115	1,890	1,850	1,946
65-74	1,506	1,539	1,469	1,591	1,772	1,839	1,942	1,846	1,909	1,979	1,905	1,945	2,095
75+	652	712	722	770	993	1,085	1,262	1,179	1,336	1,548	1,508	1,563	1,739
Male	2,702	2,892	2,751	2,780	3,068	3,200	3,270	3,219	3,358	3,577	3,333	3,377	3,669
Female	2,251	2,190	2,224	2,308	2,596	2,679	2,778	2,581	2,835	2,911	2,803	2,820	3,093
White	3,717	3,840	3,729	3,815	4,249	4,395	4,568	4,383	4,732	4,807	4,672	4,691	5,103
Black	1,218	1,222	1,219	1,239	1,370	1,428	1,420	1,343	1,387	1,600	1,361	1,390	1,543
Native American	13	16	15	18	21	18	21	31	32	27	34	31	28
Asian	*	*	12	16	24	38	39	43	42	54	69	85	88
†Hispanic													
†Non-Hispanic													
All	4,953	5,082	4,975	5,088	5,664	5,879	6,048	5,800	6,193	6,488	6,136	6,197	6,762
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	46	46	55	62	55	55	61	47	48	56	76	45	53
20-29	155	185	161	187	148	161	167	174	175	183	178	192	170
30-39	486	512	501	531	491	463	508	476	492	470	489	448	430
40-49	648	672	720	760	753	750	864	838	972	988	996	1,017	1,012
50-59	930	953	978	1,005	1,049	1,095	1,186	1,329	1,274	1,471	1,558	1,521	1,629
60-64	763	726	682	735	767	728	808	823	865	890	980	993	984
65-69	998	1,008	1,030	1,074	1,070	1,108	1,103	1,206	1,202	1,257	1,304	1,323	1,324
70-79	2,006	2,034	2,156	2,390	2,530	2,710	2,865	3,028	3,126	3,146	3,193	3,297	3,251
80+	923	938	1,077	1,213	1,357	1,538	1,702	1,818	2,016	2,194	2,324	2,384	2,469
0-19	46	46	55	62	55	55	61	47	48	56	76	45	53
20-44	951	999	1,018	1,083	974	988	1,084	1,021	1,094	1,072	1,096	1,094	1,009
45-64	2,031	2,049	2,024	2,135	2,234	2,209	2,449	2,619	2,684	2,930	3,105	3,077	3,216
65-74	2,076	2,104	2,224	2,314	2,321	2,477	2,513	2,669	2,732	2,769	2,829	2,887	2,912
75+	1,851	1,876	2,039	2,363	2,636	2,879	3,157	3,383	3,612	3,828	3,992	4,117	4,132
Male	3,808	3,896	3,998	4,427	4,509	4,743	5,036	5,452	5,690	5,914	6,220	6,288	6,430
Female	3,147	3,178	3,362	3,530	3,711	3,865	4,228	4,287	4,480	4,741	4,878	4,932	4,892
White	5,163	5,220	5,479	5,856	6,220	6,582	6,891	7,360	7,711	8,109	8,371	8,442	8,574
Black	1,647	1,684	1,735	1,918	1,810	1,829	2,112	2,133	2,208	2,274	2,446	2,469	2,444
Native American	47	39	30	41	49	40	53	58	52	66	66	66	65
Asian	98	131	116	142	141	157	208	188	199	206	215	243	239
†Hispanic				432	481	489	613	615	1,220	670	729	667	712
†Non-Hispanic				7,552	7,775	8,165	8,715	9,193	19,236	10,044	10,438	10,629	10,679
All	6,955	7,074	7,360	7,957	8,220	8,608	9,264	9,739	10,170	10,655	11,098	11,220	11,322

Table H.2.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	1,856	1,993	2,159	2,301	2,406	2,554	2,747	2,904	3,060	3,110	3,191	3,250	3,312
20-29	5,045	5,660	6,245	6,718	7,421	7,906	8,246	8,744	9,162	9,437	9,818	10,296	10,800
30-39	6,921	8,030	9,289	10,518	11,960	13,478	14,883	16,444	17,806	18,979	20,277	21,800	23,523
40-49	7,890	8,822	9,819	10,925	12,718	13,885	15,208	16,856	18,833	21,104	23,515	26,185	29,555
50-59	10,665	12,055	13,580	15,014	16,580	17,905	19,095	20,545	22,202	23,927	26,006	28,646	31,632
60-64	5,063	5,808	6,884	7,857	9,234	10,360	11,309	12,125	13,326	14,488	15,829	17,382	18,952
65-69	4,606	5,153	5,821	6,694	8,137	9,151	10,256	11,731	13,385	14,949	16,796	18,942	21,098
70-79	4,446	5,271	6,322	7,691	9,632	11,155	12,753	14,670	16,608	18,737	21,465	24,962	29,028
80+	561	717	927	1,236	1,721	2,054	2,559	3,150	3,782	4,484	5,457	6,646	7,814
0-19	1,856	1,993	2,159	2,301	2,406	2,554	2,747	2,904	3,060	3,110	3,191	3,250	3,312
20-44	15,734	17,924	20,204	22,477	25,528	28,084	30,507	33,580	36,344	38,882	41,864	45,505	49,213
45-64	19,849	22,452	25,614	28,554	32,385	35,451	38,234	41,135	44,987	49,053	53,581	58,805	65,250
65-74	7,595	8,667	9,944	11,704	14,258	16,114	18,092	20,659	23,361	26,145	29,559	33,873	38,498
75+	2,018	2,474	3,126	3,917	5,232	6,245	7,476	8,892	10,414	12,025	14,160	16,677	19,442
Male	25,928	29,468	33,486	37,898	43,743	48,374	53,013	58,315	64,199	69,937	76,945	85,389	94,753
Female	21,125	24,042	27,560	31,055	36,067	40,074	44,042	48,855	53,966	59,278	65,408	72,720	80,961
White	33,099	37,290	42,125	46,956	53,736	58,972	64,390	70,686	77,371	83,698	91,447	100,881	111,253
Black	13,464	15,583	18,038	20,789	24,460	27,479	30,227	33,574	37,323	41,403	46,109	51,627	57,889
Native American	224	289	374	493	636	744	878	1,019	1,182	1,367	1,576	1,788	2,068
Asian	266	348	510	715	977	1,254	1,561	1,891	2,289	2,747	3,222	3,813	4,504
†Hispanic													
†Non-Hispanic													
All	47,053	53,509	61,046	68,954	79,809	88,448	97,056	107,170	118,165	129,215	142,354	158,109	175,715
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	3,369	3,469	3,451	3,659	3,725	3,712	3,722	3,803	3,703	3,734	3,687	3,563	3,542
20-29	11,140	11,442	11,372	11,648	11,806	11,906	12,025	12,151	12,039	11,873	11,656	11,302	11,320
30-39	24,926	26,336	27,176	28,118	28,747	28,977	29,520	30,202	30,505	30,802	30,997	30,963	30,893
40-49	32,264	35,219	37,678	40,910	43,475	45,520	47,808	50,189	52,009	53,740	55,439	56,446	57,818
50-59	34,581	37,925	40,968	43,867	47,329	51,482	55,982	60,750	65,004	69,692	73,746	77,270	81,664
60-64	20,243	21,618	22,816	24,340	25,841	27,444	29,141	31,117	32,737	34,591	36,846	39,012	41,090
65-69	23,214	25,363	27,044	28,452	30,093	31,698	33,309	35,082	36,650	38,507	40,070	41,859	43,415
70-79	32,567	36,246	40,064	43,320	47,059	51,233	54,860	58,218	61,096	63,661	66,446	68,300	70,048
80+	9,169	10,549	11,861	13,264	14,723	16,470	18,328	20,357	22,582	24,975	27,377	29,427	31,112
0-19	3,369	3,469	3,451	3,659	3,725	3,712	3,722	3,803	3,703	3,734	3,687	3,563	3,542
20-44	52,041	54,886	56,364	58,895	60,629	62,015	63,606	65,418	66,076	66,804	67,132	66,970	67,532
45-64	71,112	77,654	83,646	89,988	96,568	103,312	110,869	118,991	126,218	133,894	141,551	148,022	155,252
65-74	42,899	47,300	51,163	54,148	57,443	61,135	64,374	67,548	70,616	73,665	76,541	79,368	81,955
75+	22,051	24,858	27,806	30,887	34,432	38,267	42,123	46,108	49,711	53,478	57,353	60,220	62,620
Male	103,143	112,501	120,155	128,465	137,130	146,147	155,359	165,351	173,732	182,900	191,593	198,877	206,803
Female	88,330	95,666	102,276	109,113	115,667	122,294	129,334	136,517	142,592	148,676	154,670	159,266	164,099
White	120,059	129,612	137,345	145,713	154,554	163,590	172,918	183,460	192,745	201,872	210,641	217,468	225,455
Black	63,779	69,795	75,282	80,968	86,401	91,997	97,740	103,093	107,181	112,086	116,857	121,113	124,774
Native American	2,326	2,579	2,844	3,104	3,330	3,570	3,882	4,118	4,328	4,542	4,715	4,862	5,104
Asian	5,310	6,181	6,959	7,794	8,512	9,283	10,153	11,197	12,070	13,076	14,051	14,699	15,568
†Hispanic				22,566	25,805	28,423	31,324	34,993	76,253	40,794	43,659	46,157	48,808
†Non-Hispanic				215,824	228,251	241,541	255,050	268,684	560,412	293,036	305,171	314,854	325,432
All	191,473	208,166	222,431	237,578	252,797	268,441	284,693	301,867	316,325	331,575	346,263	358,142	370,902



Table H.2.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	16	22	21	24	25	25	31	35	33	28	36	35	37
20-29	342	438	579	730	845	951	1,073	1,180	1,271	1,312	1,385	1,493	1,516
30-39	827	1,117	1,541	1,920	2,377	2,907	3,361	3,887	4,273	4,729	5,144	5,621	6,152
40-49	723	911	1,237	1,612	2,068	2,498	2,982	3,630	4,390	5,228	6,174	7,072	8,211
50-59	933	1,272	1,825	2,413	3,003	3,676	4,308	4,958	5,696	6,582	7,792	9,242	10,866
60-64	493	635	931	1,311	1,751	2,189	2,629	3,056	3,706	4,345	5,158	6,130	7,027
65-69	374	503	749	998	1,372	1,776	2,212	2,825	3,448	4,238	5,057	6,102	7,388
70-79	229	353	578	830	1,157	1,537	2,003	2,546	3,091	3,854	4,973	6,332	7,888
80+	17	25	37	73	110	159	219	312	394	467	672	929	1,161
0-19	16	22	21	24	25	25	31	35	33	28	36	35	37
20-44	1,528	2,006	2,716	3,430	4,266	5,124	5,932	6,893	7,755	8,623	9,611	10,668	11,659
45-64	1,790	2,369	3,396	4,555	5,779	7,097	8,421	9,818	11,581	13,574	16,042	18,890	22,113
65-74	542	754	1,165	1,601	2,202	2,855	3,559	4,576	5,511	6,805	8,364	10,323	12,621
75+	78	127	199	299	438	617	874	1,107	1,422	1,754	2,338	3,040	3,816
Male	2,104	2,748	3,819	4,952	6,286	7,763	9,319	11,035	12,837	14,865	17,533	20,584	24,052
Female	1,850	2,530	3,677	4,957	6,423	7,957	9,498	11,394	13,465	15,918	18,859	22,371	26,194
White	2,808	3,704	5,172	6,744	8,505	10,425	12,348	14,618	17,043	19,844	23,410	27,409	31,805
Black	1,096	1,484	2,162	2,903	3,828	4,797	5,791	6,955	8,195	9,638	11,370	13,576	16,061
Native American	46	79	125	179	250	318	406	499	601	731	882	1,026	1,216
Asian	*	11	38	82	126	180	272	357	463	570	731	944	1,164
†Hispanic													
†Non-Hispanic													
All	3,954	5,278	7,496	9,909	12,710	15,719	18,817	22,429	26,302	30,783	36,392	42,955	50,246
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	32	33	29	26	27	23	18	22	22	18	14	14	*
20-29	1,485	1,398	1,330	1,295	1,211	1,152	1,118	1,058	1,065	1,032	959	919	889
30-39	6,512	7,028	7,321	7,472	7,508	7,497	7,464	7,545	7,429	7,247	7,116	7,082	7,023
40-49	9,150	10,229	11,220	12,410	13,334	13,938	14,703	15,458	16,146	16,801	17,377	17,883	18,336
50-59	12,307	13,910	15,580	17,178	19,168	21,309	23,444	25,654	27,647	29,748	31,582	33,192	35,142
60-64	7,858	8,735	9,663	10,754	11,828	12,949	14,205	15,310	16,280	17,454	18,652	19,668	20,624
65-69	8,663	9,790	10,947	12,018	13,268	14,504	15,601	16,806	17,903	19,046	19,899	20,882	21,760
70-79	9,384	11,103	12,896	14,865	17,101	19,495	21,560	23,481	25,477	27,117	28,588	29,887	30,939
80+	1,470	1,798	2,111	2,549	3,115	3,761	4,344	5,013	5,863	6,755	7,709	8,478	9,197
0-19	32	33	29	26	27	23	18	22	22	18	14	14	*
20-44	12,315	13,130	13,643	14,228	14,508	14,740	15,010	15,277	15,278	15,309	15,209	15,241	15,402
45-64	24,997	28,170	31,472	34,880	38,541	42,106	45,924	49,747	53,289	56,974	60,477	63,503	66,611
65-74	14,907	17,186	19,464	21,659	24,091	26,627	28,758	30,916	33,059	34,969	36,574	38,284	39,846
75+	4,610	5,505	6,491	7,774	9,394	11,134	12,748	14,385	16,184	17,948	19,623	20,962	22,050
Male	27,125	30,739	34,164	37,925	42,018	46,444	50,690	55,153	59,386	63,873	67,987	71,924	75,879
Female	29,735	33,285	36,934	40,643	44,542	48,186	51,767	55,194	58,445	61,345	63,911	66,081	68,040
White	35,628	39,800	44,008	48,161	52,885	57,685	62,244	67,311	72,276	76,943	81,055	84,812	88,594
Black	18,399	20,870	23,233	26,043	28,859	31,589	34,287	36,456	38,382	40,520	42,581	44,420	46,022
Native American	1,402	1,591	1,776	1,974	2,123	2,314	2,527	2,719	2,876	3,023	3,138	3,256	3,408
Asian	1,432	1,763	2,081	2,390	2,693	3,042	3,400	3,861	4,297	4,731	5,124	5,517	5,895
†Hispanic				10,053	12,032	13,603	15,282	17,403	38,606	20,923	22,578	24,261	25,707
†Non-Hispanic				68,959	75,268	81,920	88,146	93,972	199,237	105,476	110,626	115,193	119,832
All	56,860	64,024	71,097	78,568	86,560	94,630	102,458	110,347	117,831	125,218	131,897	138,004	143,919

Table H.2.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	93	92	100	115	124	126	131	141	139	146	161	179	177
20-29	454	517	598	651	728	790	840	899	961	1,016	1,103	1,237	1,382
30-39	1,037	1,216	1,431	1,697	1,966	2,213	2,487	2,801	3,096	3,369	3,620	3,947	4,279
40-49	1,462	1,744	2,080	2,455	2,897	3,259	3,541	3,876	4,347	4,932	5,587	6,245	7,109
50-59	1,748	2,152	2,744	3,327	3,824	4,253	4,656	5,090	5,601	6,163	6,789	7,358	8,072
60-64	845	1,049	1,424	1,792	2,224	2,603	2,980	3,278	3,598	3,936	4,314	4,763	5,256
65-69	778	989	1,340	1,756	2,244	2,634	3,019	3,496	4,085	4,592	5,302	6,021	6,569
70-79	790	1,118	1,666	2,327	3,030	3,698	4,457	5,367	6,211	7,168	8,350	9,798	11,409
80+	88	156	273	408	601	753	1,023	1,326	1,663	2,044	2,573	3,232	3,912
0-19	93	92	100	115	124	126	131	141	139	146	161	179	177
20-44	2,186	2,577	3,007	3,524	4,014	4,480	4,932	5,474	6,072	6,703	7,386	8,222	9,128
45-64	3,360	4,101	5,269	6,398	7,625	8,638	9,571	10,470	11,532	12,713	14,026	15,328	16,970
65-74	1,330	1,739	2,440	3,251	4,113	4,865	5,638	6,595	7,616	8,626	9,939	11,491	12,938
75+	327	524	839	1,240	1,762	2,220	2,861	3,593	4,343	5,177	6,286	7,559	8,952
Male	4,280	5,331	6,822	8,499	10,312	11,870	13,386	15,110	17,083	19,180	21,782	24,759	27,811
Female	3,015	3,703	4,832	6,030	7,326	8,459	9,747	11,163	12,618	14,184	16,017	18,020	20,353
White	3,209	4,026	5,363	6,721	8,113	9,246	10,624	12,135	13,754	15,424	17,655	20,167	22,761
Black	4,047	4,946	6,183	7,647	9,320	10,805	12,157	13,704	15,397	17,264	19,330	21,613	24,197
Native American	19	29	37	48	59	71	84	91	120	138	165	197	237
Asian	20	32	71	113	147	207	269	343	431	538	649	802	970
†Hispanic													
†Non-Hispanic													
All	7,295	9,034	11,654	14,529	17,638	20,329	23,133	26,273	29,701	33,364	37,799	42,779	48,165
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	175	159	155	134	138	139	136	129	103	91	94	108	96
20-29	1,495	1,601	1,659	1,704	1,737	1,740	1,767	1,793	1,755	1,670	1,589	1,496	1,442
30-39	4,582	4,832	5,026	5,213	5,411	5,388	5,593	5,820	5,939	6,139	6,333	6,426	6,466
40-49	7,834	8,569	9,244	9,854	10,420	10,961	11,373	11,835	12,143	12,534	12,931	13,238	13,567
50-59	8,867	9,636	10,403	10,865	11,320	11,971	12,836	13,872	14,608	15,550	16,396	17,308	18,211
60-64	5,569	5,923	6,142	6,269	6,426	6,585	6,690	7,038	7,371	7,708	8,106	8,498	8,904
65-69	7,141	7,784	8,023	8,063	8,204	8,339	8,549	8,776	8,933	9,283	9,651	9,947	10,198
70-79	12,825	14,184	15,424	15,976	16,610	17,548	18,396	19,135	19,679	20,192	21,017	21,375	21,670
80+	4,708	5,394	6,049	6,559	7,121	7,829	8,708	9,592	10,527	11,525	12,596	13,624	14,346
0-19	175	159	155	134	138	139	136	129	103	91	94	108	96
20-44	9,885	10,491	10,891	11,408	11,833	12,050	12,397	12,852	13,056	13,288	13,398	13,586	13,741
45-64	18,460	20,070	21,584	22,497	23,481	24,595	25,861	27,506	28,760	30,313	31,956	33,381	34,849
65-74	14,381	15,737	16,560	16,771	17,096	17,560	18,034	18,465	18,825	19,412	20,145	20,577	20,917
75+	10,292	11,625	12,936	13,828	14,840	16,156	17,618	19,038	20,316	21,588	23,119	24,370	25,297
Male	30,792	33,834	36,261	37,765	39,632	41,575	43,714	46,087	48,079	50,334	52,749	54,526	56,236
Female	22,403	24,247	25,865	26,872	27,756	28,924	30,333	31,904	32,981	34,358	35,963	37,496	38,665
White	25,074	27,400	29,196	30,045	31,304	32,721	34,400	36,343	38,016	39,781	41,793	43,360	44,864
Black	26,672	28,992	31,034	32,514	33,856	35,372	36,999	38,706	39,876	41,470	43,200	44,766	45,935
Native American	253	263	299	305	308	318	342	368	375	397	403	408	432
Asian	1,196	1,426	1,596	1,774	1,920	2,089	2,306	2,574	2,793	3,044	3,316	3,487	3,670
†Hispanic				4,220	4,637	5,037	5,529	6,191	13,471	7,216	7,751	8,201	8,727
†Non-Hispanic				60,565	62,956	65,720	68,807	72,111	149,390	77,893	81,448	84,364	86,816
All	53,195	58,081	62,126	64,637	67,387	70,500	74,047	77,990	81,060	84,692	88,712	92,022	94,900

Table H.2.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	662	717	761	821	838	900	960	1,009	1,051	1,087	1,111	1,126	1,142
20-29	1,994	2,194	2,444	2,645	2,883	3,039	3,142	3,296	3,489	3,583	3,710	3,853	4,035
30-39	2,209	2,600	3,004	3,457	3,957	4,494	4,906	5,340	5,681	5,900	6,246	6,564	7,036
40-49	1,802	2,034	2,341	2,700	3,215	3,602	4,016	4,432	4,924	5,425	5,912	6,510	7,237
50-59	1,816	2,058	2,354	2,659	3,047	3,382	3,619	3,934	4,222	4,501	4,687	5,039	5,465
60-64	751	868	1,097	1,316	1,519	1,768	1,916	2,025	2,195	2,297	2,437	2,532	2,618
65-69	628	715	841	988	1,238	1,383	1,609	1,860	2,071	2,227	2,420	2,666	2,814
70-79	527	650	825	1,098	1,380	1,627	1,897	2,158	2,446	2,672	2,941	3,319	3,722
80+	54	78	128	173	229	300	376	474	522	613	730	866	973
0-19	662	717	761	821	838	900	960	1,009	1,051	1,087	1,111	1,126	1,142
20-44	5,154	5,850	6,654	7,488	8,519	9,420	10,164	11,030	11,814	12,390	13,127	14,027	15,042
45-64	3,418	3,904	4,585	5,290	6,103	6,864	7,435	7,998	8,696	9,317	9,865	10,471	11,349
65-74	983	1,133	1,369	1,704	2,126	2,416	2,789	3,189	3,590	3,839	4,205	4,651	5,038
75+	227	310	425	555	722	894	1,094	1,303	1,448	1,673	1,886	2,199	2,471
Male	6,208	7,099	8,249	9,535	11,045	12,349	13,519	14,768	16,003	17,008	18,138	19,532	21,073
Female	4,236	4,816	5,545	6,322	7,262	8,145	8,923	9,761	10,596	11,298	12,055	12,942	13,969
White	8,095	9,180	10,529	11,935	13,608	15,082	16,436	17,881	19,305	20,291	21,409	22,947	24,564
Black	2,160	2,490	2,957	3,502	4,121	4,719	5,205	5,733	6,243	6,805	7,437	8,029	8,769
Native American	75	88	103	136	177	188	209	227	246	268	283	301	334
Asian	114	156	205	284	402	505	593	688	804	942	1,064	1,196	1,375
†Hispanic													
†Non-Hispanic													
All	10,444	11,915	13,794	15,857	18,307	20,494	22,442	24,529	26,599	28,306	30,193	32,474	35,042
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	1,157	1,182	1,157	1,243	1,244	1,208	1,176	1,151	1,109	1,091	1,052	995	977
20-29	4,211	4,346	4,389	4,517	4,593	4,662	4,729	4,736	4,648	4,487	4,381	4,273	4,241
30-39	7,396	7,664	7,815	8,154	8,362	8,452	8,618	8,808	8,932	9,055	9,108	9,080	9,024
40-49	7,859	8,503	8,922	9,638	10,207	10,630	11,079	11,520	11,800	12,038	12,241	12,187	12,436
50-59	5,875	6,310	6,624	7,060	7,601	8,206	8,887	9,562	10,236	11,006	11,564	11,910	12,522
60-64	2,682	2,812	2,874	3,050	3,211	3,342	3,455	3,638	3,716	3,840	4,076	4,357	4,534
65-69	2,979	3,113	3,302	3,377	3,500	3,548	3,703	3,806	3,881	3,931	4,034	4,245	4,394
70-79	4,082	4,435	4,779	5,030	5,346	5,686	5,908	6,057	6,082	6,168	6,295	6,284	6,283
80+	1,051	1,219	1,377	1,522	1,639	1,766	1,843	1,983	2,098	2,223	2,323	2,370	2,439
0-19	1,157	1,182	1,157	1,243	1,244	1,208	1,176	1,151	1,109	1,091	1,052	995	977
20-44	15,838	16,481	16,849	17,572	18,013	18,385	18,813	19,204	19,291	19,384	19,389	19,132	19,167
45-64	12,185	13,153	13,775	14,848	15,961	16,907	17,956	19,060	20,042	21,042	21,981	22,676	23,589
65-74	5,450	5,797	6,170	6,390	6,566	6,791	7,067	7,244	7,379	7,462	7,546	7,791	7,972
75+	2,662	2,971	3,288	3,540	3,919	4,209	4,388	4,602	4,682	4,859	5,106	5,108	5,143
Male	22,427	23,814	24,808	26,237	27,581	28,713	29,858	30,976	31,735	32,562	33,205	33,701	34,441
Female	14,865	15,770	16,431	17,356	18,122	18,787	19,541	20,286	20,767	21,276	21,868	22,000	22,408
White	25,897	27,308	28,162	29,491	30,704	31,696	32,724	33,709	34,359	34,995	35,703	35,961	36,638
Black	9,459	10,107	10,678	11,472	12,139	12,761	13,395	14,077	14,485	14,990	15,332	15,651	15,914
Native American	365	402	429	459	504	537	578	593	624	652	677	691	718
Asian	1,571	1,768	1,970	2,171	2,356	2,506	2,701	2,882	3,035	3,200	3,362	3,399	3,579
†Hispanic				4,145	4,588	4,934	5,265	5,678	11,836	6,123	6,414	6,541	6,820
†Non-Hispanic				39,536	41,244	42,730	44,322	45,802	93,670	48,012	48,997	49,530	50,469
All	37,292	39,585	41,239	43,593	45,703	47,500	49,399	51,262	52,502	53,838	55,074	55,702	56,849

Table H.2.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	1,085	1,162	1,277	1,342	1,419	1,503	1,625	1,719	1,837	1,848	1,883	1,910	1,955
20-29	2,255	2,510	2,624	2,692	2,965	3,125	3,190	3,369	3,441	3,525	3,621	3,714	3,867
30-39	2,849	3,096	3,314	3,444	3,659	3,864	4,130	4,416	4,757	4,981	5,266	5,668	6,057
40-49	3,903	4,133	4,161	4,158	4,538	4,527	4,670	4,918	5,173	5,519	5,842	6,358	6,999
50-59	6,167	6,573	6,658	6,614	6,706	6,595	6,512	6,564	6,683	6,681	6,738	7,006	7,229
60-64	2,973	3,256	3,434	3,438	3,740	3,801	3,785	3,765	3,827	3,911	3,920	3,958	4,052
65-69	2,826	2,946	2,891	2,952	3,283	3,358	3,416	3,551	3,781	3,892	4,017	4,154	4,327
70-79	2,899	3,150	3,254	3,437	4,065	4,291	4,396	4,599	4,861	5,044	5,201	5,513	6,009
80+	402	457	488	583	780	842	940	1,038	1,204	1,361	1,483	1,619	1,768
0-19	1,085	1,162	1,277	1,342	1,419	1,503	1,625	1,719	1,837	1,848	1,883	1,910	1,955
20-44	6,866	7,490	7,827	8,034	8,729	9,060	9,480	10,184	10,703	11,167	11,739	12,588	13,384
45-64	11,282	12,077	12,363	12,312	12,878	12,852	12,807	12,849	13,179	13,450	13,647	14,116	14,819
65-74	4,741	5,040	4,970	5,148	5,817	5,978	6,106	6,298	6,644	6,875	7,051	7,408	7,902
75+	1,387	1,513	1,663	1,823	2,310	2,514	2,646	2,889	3,201	3,421	3,649	3,878	4,202
Male	13,336	14,289	14,595	14,913	16,099	16,393	16,789	17,402	18,276	18,883	19,493	20,513	21,817
Female	12,025	12,994	13,506	13,746	15,055	15,513	15,875	16,537	17,287	17,878	18,477	19,387	20,445
White	18,988	20,380	21,060	21,556	23,511	24,219	24,983	26,052	27,269	28,139	28,973	30,357	32,123
Black	6,161	6,662	6,735	6,737	7,191	7,159	7,074	7,182	7,488	7,696	7,972	8,409	8,863
Native American	84	92	110	130	151	167	180	201	215	230	246	263	281
Asian	128	148	196	236	301	362	426	503	592	697	779	871	996
†Hispanic													
†Non-Hispanic													
All	25,360	27,283	28,102	28,659	31,154	31,906	32,664	33,939	35,563	36,761	37,970	39,900	42,262
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	2,005	2,096	2,111	2,256	2,316	2,342	2,392	2,500	2,470	2,535	2,527	2,447	2,460
20-29	3,949	4,097	3,994	4,132	4,265	4,353	4,410	4,564	4,571	4,684	4,727	4,615	4,748
30-39	6,436	6,812	7,013	7,278	7,467	7,639	7,845	8,030	8,204	8,360	8,439	8,374	8,381
40-49	7,421	7,919	8,292	9,008	9,514	9,990	10,653	11,376	11,920	12,366	12,890	13,137	13,480
50-59	7,533	8,068	8,361	8,764	9,239	9,996	10,815	11,661	12,512	13,389	14,204	14,859	15,788
60-64	4,135	4,148	4,137	4,267	4,376	4,567	4,791	5,131	5,370	5,589	6,012	6,489	7,028
65-69	4,432	4,675	4,772	4,993	5,121	5,307	5,456	5,693	5,932	6,248	6,486	6,785	7,063
70-79	6,276	6,524	6,965	7,449	8,001	8,503	8,996	9,545	9,858	10,184	10,546	10,754	11,155
80+	1,939	2,137	2,324	2,633	2,848	3,113	3,432	3,768	4,094	4,473	4,750	4,955	5,130
0-19	2,005	2,096	2,111	2,256	2,316	2,342	2,392	2,500	2,470	2,535	2,527	2,447	2,460
20-44	14,003	14,784	14,981	15,686	16,276	16,841	17,386	18,085	18,451	18,822	19,135	19,012	19,222
45-64	15,471	16,260	16,816	17,763	18,585	19,704	21,129	22,677	24,127	25,566	27,137	28,462	30,203
65-74	8,162	8,580	8,970	9,329	9,691	10,157	10,515	10,923	11,354	11,823	12,276	12,716	13,219
75+	4,486	4,756	5,090	5,746	6,279	6,767	7,369	8,084	8,529	9,082	9,505	9,779	10,129
Male	22,799	24,113	24,923	26,538	27,898	29,415	31,097	33,135	34,531	36,131	37,652	38,726	40,247
Female	21,327	22,363	23,046	24,242	25,248	26,396	27,693	29,134	30,400	31,697	32,928	33,689	34,987
White	33,460	35,104	35,979	38,015	39,661	41,488	43,550	46,096	48,093	50,153	52,090	53,335	55,360
Black	9,249	9,826	10,337	10,940	11,546	12,275	13,059	13,854	14,438	15,106	15,744	16,277	16,903
Native American	306	323	340	365	395	401	435	438	454	469	498	507	547
Asian	1,111	1,224	1,312	1,459	1,544	1,646	1,746	1,880	1,946	2,099	2,248	2,296	2,425
†Hispanic				4,148	4,548	4,849	5,248	5,721	12,341	6,531	6,915	7,154	7,554
†Non-Hispanic				46,764	48,782	51,171	53,774	56,800	118,115	61,654	64,099	65,767	68,315
All	44,126	46,476	47,969	50,780	53,147	55,810	58,790	62,268	64,931	67,828	70,581	72,415	75,234

Table H.2.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	2,415	2,609	2,795	2,954	3,114	3,259	3,472	3,644	3,736	3,811	3,876	3,950	4,007
20-29	6,245	6,962	7,690	8,243	9,033	9,593	10,104	10,527	10,925	11,311	11,735	12,256	12,729
30-39	8,580	9,915	11,451	12,829	14,496	16,259	18,052	19,628	21,118	22,474	23,956	25,607	27,525
40-49	9,776	10,913	12,063	13,431	15,447	16,950	18,607	20,578	22,715	25,395	28,206	31,360	35,154
50-59	13,417	15,163	17,039	18,742	20,520	22,261	23,817	25,582	27,619	29,740	32,240	35,279	38,762
60-64	6,614	7,512	8,846	10,197	11,823	13,286	14,606	15,636	17,185	18,653	20,333	22,324	24,209
65-69	6,185	6,845	7,698	9,131	10,728	12,135	13,710	15,643	17,742	19,888	22,314	24,993	27,689
70-79	6,199	7,350	8,792	11,041	13,295	15,601	17,808	20,425	23,025	26,156	29,729	34,407	40,015
80+	863	1,082	1,437	1,919	2,541	3,135	3,823	4,645	5,652	6,730	8,032	9,740	11,410
0-19	2,415	2,609	2,795	2,954	3,114	3,259	3,472	3,644	3,736	3,811	3,876	3,950	4,007
20-44	19,461	22,113	24,870	27,485	30,973	33,986	37,135	40,342	43,263	46,290	49,770	53,846	57,877
45-64	25,171	28,352	32,219	35,957	40,346	44,363	48,051	51,609	56,299	61,283	66,700	72,980	80,502
65-74	10,275	11,667	13,401	16,215	19,036	21,746	24,528	27,963	31,391	35,301	39,737	45,301	51,378
75+	2,972	3,610	4,526	5,876	7,528	9,125	10,813	12,750	15,028	17,473	20,338	23,839	27,736
Male	33,359	37,901	42,907	48,783	55,584	61,791	68,065	74,516	81,444	89,036	97,709	107,923	119,267
Female	26,935	30,450	34,904	39,704	45,413	50,688	55,934	61,792	68,273	75,122	82,712	91,993	102,233
White	42,673	48,042	54,177	60,707	68,718	75,852	83,194	90,914	99,175	107,568	117,495	129,475	142,442
Black	17,014	19,493	22,461	26,196	30,205	34,052	37,648	41,665	46,141	51,440	56,890	63,470	70,955
Native American	282	378	490	650	816	951	1,118	1,314	1,525	1,766	2,014	2,231	2,576
Asian	325	438	683	934	1,258	1,624	2,039	2,415	2,876	3,384	4,022	4,740	5,527
†Hispanic													
†Non-Hispanic													
All	60,294	68,351	77,811	88,487	100,997	112,479	123,999	136,308	149,717	164,158	180,421	199,916	221,500
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	4,083	4,185	4,195	4,349	4,351	4,321	4,386	4,399	4,334	4,406	4,373	4,203	4,229
20-29	13,134	13,382	13,239	13,445	13,588	13,618	13,705	13,798	13,737	13,517	13,235	12,855	12,896
30-39	29,018	30,612	31,329	32,149	32,763	32,924	33,452	34,062	34,481	34,754	34,858	34,781	34,677
40-49	38,196	41,341	44,116	47,596	50,359	52,652	55,091	57,523	59,701	61,678	63,402	64,419	65,876
50-59	42,260	46,407	49,566	52,716	57,079	61,832	67,016	72,262	77,432	82,711	87,146	90,869	95,703
60-64	25,734	27,291	28,668	30,478	32,306	34,227	36,194	38,416	40,434	42,320	45,135	47,529	49,696
65-69	30,309	32,950	34,613	36,473	38,708	40,692	42,507	44,516	46,459	48,519	50,260	52,110	53,760
70-79	44,540	49,295	53,689	58,250	63,496	69,076	74,031	77,822	81,704	84,622	87,360	89,492	91,474
80+	13,348	15,167	16,970	19,025	21,445	24,038	26,894	29,458	32,595	36,058	39,021	41,626	44,108
0-19	4,083	4,185	4,195	4,349	4,351	4,321	4,386	4,399	4,334	4,406	4,373	4,203	4,229
20-44	60,906	63,939	65,349	67,678	69,434	70,820	72,372	74,082	74,962	75,757	75,854	75,667	76,244
45-64	87,436	95,094	101,569	108,706	116,661	124,433	133,086	141,979	150,823	159,223	167,922	174,786	182,604
65-74	56,837	62,423	66,511	70,539	75,063	79,743	83,658	87,167	91,017	94,401	97,357	100,282	103,043
75+	31,360	34,989	38,761	43,209	48,586	54,063	59,774	64,629	69,741	74,798	79,284	82,946	86,299
Male	129,599	140,524	149,004	158,919	169,851	180,730	192,097	203,016	213,874	224,592	234,224	242,841	252,077
Female	111,023	120,106	127,381	135,562	144,244	152,650	161,179	169,240	177,003	183,993	190,566	195,043	200,342
White	153,421	164,817	173,344	183,764	195,556	206,935	218,688	230,696	242,610	253,405	262,931	270,811	279,873
Black	77,861	85,052	91,120	97,469	104,182	110,912	117,579	123,193	128,641	134,102	139,621	143,780	148,060
Native American	2,859	3,171	3,469	3,795	4,025	4,316	4,696	4,999	5,200	5,454	5,611	5,793	6,043
Asian	6,481	7,590	8,452	9,453	10,332	11,217	12,313	13,368	14,426	15,624	16,627	17,500	18,443
†Hispanic				28,175	31,886	35,057	38,483	43,156	49,682	49,496	52,798	55,539	58,393
†Non-Hispanic				267,549	283,949	300,328	317,021	331,549	338,338	361,947	375,276	386,022	398,031
All	240,622	260,630	276,385	294,481	314,095	333,380	353,276	372,256	390,877	408,585	424,790	437,884	452,419

Table H.2.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	24	32	34	30	37	39	47	46	47	39	48	47	51
20-29	509	659	868	1,053	1,222	1,366	1,538	1,632	1,722	1,805	1,844	1,987	1,966
30-39	1,212	1,612	2,150	2,594	3,198	3,842	4,491	4,979	5,435	5,969	6,422	6,957	7,556
40-49	1,015	1,330	1,790	2,263	2,865	3,392	4,090	4,859	5,688	6,833	7,930	9,101	10,397
50-59	1,356	1,880	2,668	3,434	4,199	5,156	5,970	6,845	7,791	8,941	10,472	12,277	14,173
60-64	725	950	1,401	1,924	2,526	3,088	3,733	4,310	5,159	6,031	7,121	8,358	9,525
65-69	563	801	1,090	1,509	1,997	2,584	3,244	4,104	4,916	6,046	7,209	8,619	10,221
70-79	349	564	930	1,287	1,775	2,344	3,024	3,759	4,559	5,683	7,277	9,130	11,325
80+	24	39	69	123	185	244	336	472	631	749	1,011	1,412	1,748
0-19	24	32	34	30	37	39	47	46	47	39	48	47	51
20-44	2,215	2,928	3,879	4,730	5,863	6,906	8,054	9,023	9,977	11,099	12,150	13,455	14,504
45-64	2,602	3,503	4,998	6,538	8,147	9,938	11,768	13,602	15,818	18,480	21,639	25,225	29,113
65-74	814	1,207	1,758	2,436	3,249	4,197	5,286	6,655	7,935	9,798	12,001	14,624	17,688
75+	122	197	331	483	708	975	1,318	1,680	2,171	2,680	3,496	4,537	5,606
Male	3,083	4,078	5,565	7,072	8,916	10,950	13,134	15,265	17,587	20,357	23,733	27,651	31,887
Female	2,694	3,789	5,435	7,145	9,088	11,105	13,339	15,741	18,361	21,739	25,601	30,237	35,075
White	4,170	5,598	7,750	9,832	12,328	14,925	17,741	20,590	23,715	27,648	32,275	37,669	43,217
Black	1,537	2,132	3,002	4,004	5,135	6,418	7,773	9,231	10,766	12,666	14,872	17,630	20,642
Native American	63	117	174	257	355	435	552	672	823	997	1,170	1,328	1,562
Asian	*	20	74	124	186	277	407	513	644	785	1,017	1,261	1,541
†Hispanic													
†Non-Hispanic													
All	5,777	7,867	11,000	14,217	18,004	22,055	26,473	31,006	35,948	42,096	49,334	57,888	66,962
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	44	43	36	36	35	31	27	29	29	23	18	17	12
20-29	1,938	1,832	1,704	1,664	1,563	1,461	1,426	1,351	1,376	1,316	1,239	1,190	1,153
30-39	7,947	8,586	8,810	8,892	8,905	8,855	8,808	8,828	8,753	8,585	8,408	8,389	8,264
40-49	11,474	12,676	13,788	15,203	16,207	16,942	17,735	18,529	19,296	20,080	20,618	21,207	21,678
50-59	15,977	17,999	19,873	21,846	24,345	26,886	29,439	31,933	34,469	36,685	38,691	40,530	42,523
60-64	10,471	11,545	12,725	14,125	15,371	16,812	18,227	19,518	20,734	21,939	23,432	24,531	25,486
65-69	11,799	13,241	14,640	16,055	17,744	19,212	20,589	21,980	23,368	24,512	25,493	26,504	27,336
70-79	13,361	15,635	17,926	20,681	23,786	26,934	29,799	32,105	34,792	36,604	38,238	39,658	40,815
80+	2,169	2,634	3,140	3,848	4,688	5,645	6,604	7,421	8,646	9,929	11,089	12,071	13,074
0-19	44	43	36	36	35	31	27	29	29	23	18	17	12
20-44	15,241	16,183	16,595	17,129	17,424	17,601	17,836	18,094	18,153	18,196	18,035	18,116	18,201
45-64	32,566	36,455	40,305	44,601	48,967	53,355	57,799	62,065	66,475	70,409	74,353	77,731	80,903
65-74	20,612	23,537	26,361	29,276	32,607	35,753	38,502	40,980	43,710	45,657	47,460	49,120	50,748
75+	6,717	7,973	9,345	11,308	13,611	16,038	18,490	20,526	23,096	25,388	27,360	29,113	30,477
Male	35,876	40,251	44,411	49,384	54,565	60,114	65,579	70,643	76,279	81,320	86,031	90,808	95,148
Female	39,304	43,940	48,231	52,966	58,079	62,664	67,075	71,051	75,184	78,353	81,195	83,289	85,193
White	48,164	53,467	58,380	63,964	70,185	76,305	82,321	88,268	94,688	99,823	104,493	108,908	112,824
Black	23,381	26,418	29,333	32,762	36,283	39,715	42,823	45,183	47,860	50,213	52,593	54,420	56,174
Native American	1,763	1,999	2,228	2,478	2,632	2,859	3,133	3,354	3,499	3,693	3,793	3,936	4,077
Asian	1,872	2,307	2,701	3,146	3,544	3,899	4,377	4,889	5,416	5,944	6,347	6,833	7,266
†Hispanic				13,250	15,635	17,609	19,645	22,363	48,732	26,242	28,270	30,129	31,701
†Non-Hispanic				89,820	98,065	106,379	114,329	120,765	257,128	134,982	140,666	145,836	150,593
All	75,180	84,191	92,642	102,350	112,644	122,778	132,654	141,694	151,463	159,673	167,226	174,097	180,341

Table H.2.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	117	122	132	147	159	164	165	169	175	189	210	239	227
20-29	570	646	750	803	900	978	1,053	1,097	1,159	1,247	1,367	1,517	1,671
30-39	1,268	1,481	1,777	2,065	2,373	2,664	2,991	3,337	3,682	3,995	4,256	4,642	5,050
40-49	1,782	2,136	2,546	2,954	3,453	3,899	4,234	4,683	5,168	5,827	6,581	7,340	8,347
50-59	2,209	2,758	3,495	4,140	4,679	5,223	5,671	6,200	6,827	7,468	8,229	8,859	9,733
60-64	1,102	1,390	1,877	2,382	2,839	3,377	3,828	4,187	4,559	5,067	5,494	6,071	6,611
65-69	1,044	1,401	1,894	2,390	2,995	3,472	4,037	4,665	5,449	6,113	7,040	7,901	8,628
70-79	1,128	1,668	2,434	3,356	4,291	5,315	6,275	7,627	8,774	10,195	11,701	13,663	15,873
80+	149	261	464	649	895	1,228	1,558	2,014	2,554	3,132	3,893	4,801	5,798
0-19	117	122	132	147	159	164	165	169	175	189	210	239	227
20-44	2,675	3,164	3,728	4,280	4,845	5,397	5,961	6,593	7,234	7,986	8,780	9,736	10,804
45-64	4,256	5,247	6,717	8,064	9,399	10,744	11,816	12,911	14,161	15,618	17,147	18,693	20,608
65-74	1,806	2,511	3,492	4,489	5,580	6,636	7,669	9,027	10,381	11,762	13,416	15,398	17,358
75+	515	819	1,300	1,906	2,601	3,379	4,201	5,279	6,396	7,678	9,218	10,967	12,941
Male	5,530	6,975	9,030	11,083	13,248	15,373	17,360	19,656	22,113	24,900	28,221	31,788	35,729
Female	3,839	4,888	6,339	7,803	9,336	10,947	12,452	14,323	16,234	18,333	20,550	23,245	26,209
White	4,288	5,539	7,459	9,104	10,835	12,670	14,401	16,565	18,799	21,156	24,154	27,478	31,024
Black	5,030	6,241	7,759	9,570	11,467	13,284	14,950	16,835	18,841	21,222	23,582	26,307	29,420
Native American	26	35	45	62	78	91	101	123	145	177	206	239	287
Asian	25	48	106	150	204	275	360	456	562	678	829	1,009	1,207
†Hispanic													
†Non-Hispanic													
All	9,369	11,863	15,369	18,886	22,584	26,320	29,812	33,979	38,347	43,233	48,771	55,033	61,938
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	224	208	192	165	172	169	160	153	121	114	115	141	123
20-29	1,816	1,917	1,940	1,968	1,991	2,026	2,032	2,054	2,040	1,941	1,823	1,714	1,668
30-39	5,343	5,627	5,752	5,949	6,104	6,088	6,336	6,546	6,716	6,909	7,136	7,197	7,266
40-49	9,109	9,939	10,633	11,191	11,846	12,426	12,863	13,356	13,748	14,205	14,646	14,927	15,328
50-59	10,528	11,613	12,188	12,577	13,213	13,904	14,940	15,986	16,943	18,081	18,978	19,908	20,947
60-64	7,001	7,395	7,541	7,571	7,878	8,015	8,169	8,562	8,925	9,207	9,800	10,223	10,651
65-69	9,325	10,124	10,081	10,135	10,362	10,616	10,753	10,959	11,225	11,650	12,004	12,392	12,633
70-79	17,748	19,378	20,532	21,231	22,312	23,655	24,772	25,560	26,272	27,017	27,726	28,097	28,318
80+	6,966	7,871	8,611	9,359	10,379	11,423	12,683	13,932	15,230	16,635	18,030	19,337	20,403
0-19	224	208	192	165	172	169	160	153	121	114	115	141	123
20-44	11,554	12,228	12,515	12,997	13,404	13,711	14,067	14,492	14,775	15,059	15,134	15,273	15,515
45-64	22,243	24,263	25,539	26,259	27,628	28,748	30,273	32,012	33,597	35,284	37,249	38,696	40,345
65-74	19,143	20,844	21,289	21,540	22,065	22,789	23,258	23,663	24,134	24,921	25,542	26,101	26,322
75+	14,896	16,529	17,935	19,185	20,988	22,905	24,950	26,788	28,593	30,381	32,218	33,725	35,032
Male	39,308	43,032	45,005	46,643	49,299	51,742	54,297	56,844	59,455	62,272	64,897	67,020	69,124
Female	28,752	31,040	32,465	33,503	34,958	36,580	38,411	40,264	41,765	43,487	45,361	46,916	48,213
White	34,018	36,873	38,238	39,230	41,354	43,347	45,530	47,843	50,142	52,511	54,673	56,590	58,381
Black	32,244	35,103	36,928	38,411	40,204	42,038	43,926	45,715	47,263	49,110	51,126	52,651	54,057
Native American	308	330	346	357	364	385	408	451	467	466	476	503	525
Asian	1,490	1,766	1,958	2,148	2,335	2,552	2,844	3,099	3,348	3,672	3,983	4,192	4,374
†Hispanic				5,226	5,656	6,135	6,729	7,612	16,304	8,762	9,356	9,851	10,421
†Non-Hispanic				75,136	78,882	82,519	86,345	89,904	187,080	97,506	101,524	104,768	107,668
All	68,060	74,072	77,470	80,146	84,257	88,322	92,708	97,108	101,220	105,759	110,258	113,936	117,337

Table H.2.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	852	945	1,007	1,071	1,110	1,155	1,215	1,295	1,317	1,374	1,378	1,381	1,403
20-29	2,383	2,616	2,942	3,150	3,424	3,572	3,745	3,875	4,047	4,175	4,340	4,476	4,636
30-39	2,597	3,079	3,559	4,086	4,607	5,194	5,673	6,151	6,482	6,724	7,160	7,484	7,927
40-49	2,132	2,418	2,793	3,214	3,776	4,233	4,677	5,171	5,689	6,208	6,781	7,427	8,190
50-59	2,174	2,503	2,897	3,209	3,640	3,992	4,304	4,648	4,989	5,304	5,515	5,866	6,303
60-64	901	1,089	1,361	1,618	1,880	2,135	2,332	2,469	2,671	2,753	2,951	3,075	3,134
65-69	782	906	1,107	1,258	1,561	1,759	2,023	2,334	2,600	2,770	3,015	3,298	3,419
70-79	706	892	1,158	1,491	1,846	2,190	2,532	2,859	3,202	3,554	3,882	4,313	4,884
80+	76	112	201	249	321	441	533	650	747	888	1,040	1,216	1,355
0-19	852	945	1,007	1,071	1,110	1,155	1,215	1,295	1,317	1,374	1,378	1,381	1,403
20-44	6,104	6,946	7,937	8,892	9,998	10,971	11,878	12,803	13,573	14,196	15,133	16,080	17,045
45-64	4,083	4,759	5,615	6,385	7,329	8,155	8,853	9,511	10,305	10,968	11,614	12,248	13,145
65-74	1,243	1,475	1,846	2,217	2,716	3,121	3,578	4,069	4,547	4,901	5,335	5,835	6,298
75+	321	435	620	781	1,012	1,269	1,510	1,774	2,002	2,311	2,602	2,992	3,360
Male	7,501	8,739	10,246	11,706	13,474	14,951	16,448	17,842	19,149	20,383	21,772	23,291	24,885
Female	5,102	5,821	6,779	7,640	8,691	9,720	10,586	11,610	12,595	13,367	14,290	15,245	16,366
White	9,805	11,285	13,039	14,601	16,532	18,221	19,879	21,557	23,091	24,289	25,711	27,365	29,128
Black	2,569	2,974	3,598	4,210	4,940	5,601	6,172	6,787	7,397	8,054	8,753	9,393	10,141
Native American	89	106	129	166	201	223	241	273	297	311	337	356	385
Asian	140	195	259	369	492	626	742	835	959	1,096	1,261	1,422	1,597
†Hispanic													
†Non-Hispanic													
All	12,603	14,560	17,025	19,346	22,165	24,671	27,034	29,452	31,744	33,750	36,062	38,536	41,251
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	1,436	1,438	1,426	1,487	1,470	1,428	1,382	1,357	1,306	1,299	1,266	1,204	1,165
20-29	4,823	4,960	5,015	5,100	5,213	5,215	5,273	5,269	5,171	5,011	4,893	4,760	4,755
30-39	8,280	8,541	8,708	9,001	9,248	9,353	9,445	9,652	9,779	9,912	9,903	9,876	9,792
40-49	8,895	9,537	10,008	10,786	11,355	11,789	12,219	12,689	13,010	13,262	13,473	13,369	13,566
50-59	6,798	7,290	7,675	8,065	8,649	9,297	10,021	10,712	11,516	12,357	12,895	13,238	13,882
60-64	3,211	3,357	3,414	3,619	3,768	3,914	4,011	4,163	4,287	4,424	4,678	5,003	5,141
65-69	3,639	3,802	3,963	4,095	4,196	4,282	4,407	4,511	4,552	4,611	4,751	4,880	5,058
70-79	5,202	5,692	6,049	6,414	6,749	7,130	7,442	7,503	7,502	7,594	7,626	7,572	7,558
80+	1,451	1,702	1,910	2,072	2,263	2,420	2,576	2,675	2,797	3,017	3,066	3,134	3,206
0-19	1,436	1,438	1,426	1,487	1,470	1,428	1,382	1,357	1,306	1,299	1,266	1,204	1,165
20-44	17,873	18,491	18,942	19,584	20,059	20,395	20,735	21,120	21,213	21,341	21,267	20,956	20,970
45-64	14,134	15,194	15,878	16,987	18,174	19,173	20,234	21,365	22,550	23,625	24,575	25,290	26,166
65-74	6,737	7,185	7,519	7,869	8,040	8,294	8,544	8,661	8,789	8,886	8,937	9,100	9,286
75+	3,555	4,011	4,403	4,712	5,168	5,538	5,881	6,028	6,062	6,336	6,506	6,486	6,536
Male	26,425	27,924	29,094	30,541	31,982	33,084	34,302	35,388	36,233	37,162	37,764	38,245	38,908
Female	17,310	18,395	19,074	20,098	20,929	21,744	22,474	23,143	23,687	24,325	24,787	24,791	25,215
White	30,584	32,178	33,130	34,611	35,908	36,948	37,969	38,875	39,530	40,397	40,933	41,038	41,663
Black	10,919	11,608	12,278	13,015	13,759	14,415	15,107	15,743	16,292	16,774	17,138	17,439	17,697
Native American	418	463	504	531	576	615	652	683	699	735	757	757	788
Asian	1,814	2,070	2,256	2,482	2,668	2,850	3,048	3,230	3,399	3,581	3,723	3,802	3,975
†Hispanic				4,786	5,252	5,617	5,931	6,379	13,314	6,907	7,171	7,335	7,550
†Non-Hispanic				45,974	47,827	49,406	51,078	52,411	107,152	54,933	55,787	56,165	57,088
All	43,735	46,319	48,168	50,639	52,911	54,828	56,776	58,531	59,920	61,487	62,551	63,036	64,123



Table H.2.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	1,422	1,510	1,622	1,706	1,808	1,901	2,045	2,134	2,197	2,209	2,240	2,283	2,326
20-29	2,783	3,041	3,130	3,237	3,487	3,677	3,768	3,923	3,997	4,084	4,184	4,276	4,456
30-39	3,503	3,743	3,965	4,084	4,318	4,559	4,897	5,161	5,519	5,786	6,118	6,524	6,992
40-49	4,847	5,029	4,934	5,000	5,353	5,426	5,606	5,865	6,170	6,527	6,914	7,492	8,220
50-59	7,678	8,022	7,979	7,959	8,002	7,890	7,872	7,889	8,012	8,027	8,024	8,277	8,553
60-64	3,886	4,083	4,207	4,273	4,578	4,686	4,713	4,670	4,796	4,802	4,767	4,820	4,939
65-69	3,796	3,737	3,607	3,974	4,175	4,320	4,406	4,540	4,777	4,959	5,050	5,175	5,421
70-79	4,016	4,226	4,270	4,907	5,383	5,752	5,977	6,180	6,490	6,724	6,869	7,301	7,933
80+	614	670	703	898	1,140	1,222	1,396	1,509	1,720	1,961	2,088	2,311	2,509
0-19	1,422	1,510	1,622	1,706	1,808	1,901	2,045	2,134	2,197	2,209	2,240	2,283	2,326
20-44	8,467	9,075	9,326	9,583	10,267	10,712	11,242	11,923	12,479	13,009	13,707	14,575	15,524
45-64	14,230	14,843	14,889	14,970	15,471	15,526	15,614	15,585	16,015	16,217	16,300	16,814	17,636
65-74	6,412	6,474	6,305	7,073	7,491	7,792	7,995	8,212	8,528	8,840	8,985	9,444	10,034
75+	2,014	2,159	2,275	2,706	3,207	3,502	3,784	4,017	4,459	4,804	5,022	5,343	5,829
Male	17,245	18,109	18,066	18,922	19,946	20,517	21,123	21,753	22,595	23,396	23,983	25,193	26,766
Female	15,300	15,952	16,351	17,116	18,298	18,916	19,557	20,118	21,083	21,683	22,271	23,266	24,583
White	24,410	25,620	25,929	27,170	29,023	30,036	31,173	32,202	33,570	34,475	35,355	36,963	39,073
Black	7,878	8,146	8,102	8,412	8,663	8,749	8,753	8,812	9,137	9,498	9,683	10,140	10,752
Native American	104	120	142	165	182	202	224	246	260	281	301	308	342
Asian	153	175	244	291	376	446	530	611	711	825	915	1,048	1,182
†Hispanic													
†Non-Hispanic													
All	32,545	34,061	34,417	36,038	38,244	39,433	40,680	41,871	43,678	45,079	46,254	48,459	51,349
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	2,379	2,496	2,541	2,661	2,674	2,693	2,817	2,860	2,878	2,970	2,974	2,841	2,929
20-29	4,557	4,673	4,580	4,713	4,821	4,916	4,974	5,124	5,150	5,249	5,280	5,191	5,320
30-39	7,448	7,858	8,059	8,307	8,506	8,628	8,863	9,036	9,233	9,348	9,411	9,319	9,355
40-49	8,718	9,189	9,687	10,416	10,951	11,495	12,274	12,949	13,647	14,131	14,665	14,916	15,304
50-59	8,957	9,505	9,830	10,228	10,872	11,745	12,616	13,631	14,504	15,588	16,582	17,193	18,351
60-64	5,051	4,994	4,988	5,163	5,289	5,486	5,787	6,173	6,488	6,750	7,225	7,772	8,418
65-69	5,546	5,783	5,929	6,188	6,406	6,582	6,758	7,066	7,314	7,746	8,012	8,334	8,733
70-79	8,229	8,590	9,182	9,924	10,649	11,357	12,018	12,654	13,138	13,407	13,770	14,165	14,783
80+	2,762	2,960	3,309	3,746	4,115	4,550	5,031	5,430	5,922	6,477	6,836	7,084	7,425
0-19	2,379	2,496	2,541	2,661	2,674	2,693	2,817	2,860	2,878	2,970	2,974	2,841	2,929
20-44	16,238	17,037	17,297	17,968	18,547	19,113	19,734	20,376	20,821	21,161	21,418	21,322	21,558
45-64	18,493	19,182	19,847	20,859	21,892	23,157	24,780	26,537	28,201	29,905	31,745	33,069	35,190
65-74	10,345	10,857	11,342	11,854	12,351	12,907	13,354	13,863	14,384	14,937	15,418	15,961	16,687
75+	6,192	6,476	7,078	8,004	8,819	9,582	10,453	11,287	11,990	12,693	13,200	13,622	14,254
Male	27,990	29,317	30,494	32,351	34,005	35,790	37,919	40,141	41,907	43,838	45,532	46,768	48,897
Female	25,657	26,731	27,611	28,995	30,278	31,662	33,219	34,782	36,367	37,828	39,223	40,047	41,721
White	40,655	42,299	43,596	45,959	48,109	50,335	52,868	55,710	58,250	60,674	62,832	64,275	67,005
Black	11,317	11,923	12,581	13,281	13,936	14,744	15,723	16,552	17,226	18,005	18,764	19,270	20,132
Native American	370	379	391	429	453	457	503	511	535	560	585	597	653
Asian	1,305	1,447	1,537	1,677	1,785	1,916	2,044	2,150	2,263	2,427	2,574	2,673	2,828
†Hispanic				4,913	5,343	5,696	6,178	6,802	14,332	7,585	8,001	8,224	8,721
†Non-Hispanic				56,619	59,175	62,024	65,269	68,469	142,978	74,526	77,299	79,253	82,682
All	53,647	56,048	58,105	61,346	64,283	67,452	71,138	74,923	78,274	81,666	84,755	86,815	90,618

Table H.2.4 (supplement)

**Annual mortality rates: ESRD patients, unadjusted**

per 1,000 patient years at risk, period prevalent patients, 2005, by age as of January 1, gender, race, &amp; primary diagnosis

DIABETES	Male					Female					All				
	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All
0-19	46.9	61.2	46.6	29.9	52.8	54.6	68.2	51	32.9	63.2	50.1	65.6	48.8	31.4	58.3
20-29	70.7	85.8	67.5	46.1	75.4	82.2	97.7	72	52.4	88.6	76.7	93.4	71.5	48.8	83
30-39	80.7	85.9	74.9	51.7	81.5	85	98.4	78.8	55.6	88.4	82.6	91.9	77.2	53.6	84.6
40-49	108.2	112	95.9	85.6	108.4	112.9	127.3	111.8	85.9	116.6	110	118.9	103	85.7	111.6
50-59	157.3	136.9	132.1	116.1	148.8	169.9	149.5	135.5	115	159.2	162.3	142.9	133.7	115.7	153.2
60-64	216.4	173.6	165.8	148	198.8	222.8	180.9	159.7	151.8	202.2	219.1	177.4	162.6	149.5	200.4
65-69	261.1	208	201.3	189.8	240.7	270.1	212.1	198.1	176.3	241.3	265.3	210.4	199.4	183.6	241
70-79	371.8	282.8	280.2	254.4	341.6	356.9	278.8	264	268.1	322.9	364.4	280.3	269.9	261.5	331.6
80+	530	429.1	431.2	397.9	502.8	493.8	417.9	392.3	382.5	461.2	512.3	421.6	404	389.3	480.2
All	231.9	182.7	165.6	181.7	214.7	250.9	208.2	179.8	201.1	231.5	240.2	196.4	173.2	190.6	222.6
<b>HYPERTENSION</b>															
0-19	17.7	24.6	23.6	9.4	19.7	20.1	26.4	25.1	10	22.6	18.7	25.4	24.8	9.4	20.9
20-29	28.9	34.9	38.6	16.5	32.1	32.5	39.7	40.2	17.4	36	30.3	36.6	39	16.8	33.6
30-39	35.5	39	47.2	21.7	37.5	37.8	45.1	47.3	21.4	42	36.2	40.9	47.2	21.6	38.9
40-49	65.5	72.7	76.9	36.6	69.7	65.1	77.6	79.6	36.2	72.4	65.4	74.4	77.7	36.4	70.6
50-59	108.1	109	120.4	59.5	107.3	113.7	105.4	110.1	59.5	106.1	110.1	107.7	116.8	59.5	106.9
60-64	173.4	144.3	178.6	89.8	155.1	171.4	144.1	160.3	90.6	153.3	172.6	144.2	170.3	90.1	154.4
65-69	218.2	179	225.3	137.6	198.2	220	179.4	217.3	120.9	195.6	218.9	179.2	221.3	130.7	197.1
70-79	309.5	273.9	338.2	216.4	296.2	315.9	266.3	328.7	208.4	291.7	312.1	269.8	332.9	212.4	294.2
80+	477.3	448.1	571.2	373.9	468.6	470.5	400.1	536.4	347.1	444.6	474.3	417.6	551.9	360.7	457
All	256.6	135	173.1	148.9	194.3	277.5	171.2	210.2	156.4	219.5	264.8	150	189	152.3	204.5
<b>GLOMERULONEPHRITIS</b>															
0-19	12.1	19.7	14.7	6.1	14.4	12.9	19.9	14.7	6.2	14.6	12.5	19.8	14.7	6.1	14.5
20-29	20.3	28.9	24.9	11	22.7	23.7	30.3	23.5	11	25.2	21.7	29.5	24.2	11	23.7
30-39	24.1	35.1	30.1	14.3	27.6	27	32.5	29.2	13.5	28	25.2	34	29.6	14	27.8
40-49	46.5	68.7	49	24.4	52.6	41.6	58.4	47.6	21.7	45.8	44.8	64.6	48.3	23.1	50
50-59	75.2	98.4	72.7	37.7	80.1	71.1	78.1	70.3	36.2	69.7	73.7	90.8	71.7	36.9	76.1
60-64	104.9	129	108.9	59.8	107.7	109.5	109.2	100.4	57.3	105.9	106.6	121	105.2	58.8	107
65-69	135.1	153.3	146.4	87	135.5	142.5	137.5	132.3	79.1	136.5	137.8	146.1	141.2	83.4	135.9
70-79	223.1	214.8	219.1	167.3	219.3	212	217.5	199.8	130.1	207.7	218.7	216.1	209	149.3	214.5
80+	392.6	355.1	371.6	252.4	382.3	403.9	328.2	325.6	240.8	382.6	396.8	341.3	345.9	247.1	382.4
All	102.5	83.6	73.7	53.9	94.4	101.1	78	68.4	47.3	89.7	102	81.3	71.3	50.7	92.6
<b>OTHER</b>															
0-19	17.9	36.2	24.4	12.5	22	21.2	39.2	23.8	12.2	25	19.1	37.3	24.1	12.3	23.2
20-29	28.2	61.1	38.5	20.5	35.7	30.6	61.2	37.8	20	39.5	29.3	61.2	38.2	20.2	37.5
30-39	37.1	80.3	45.2	27	48.8	39.1	72.8	43.8	25.8	50.1	38.1	76.1	44.6	26.3	49.5
40-49	65	119	73.2	42.1	79.5	57.8	92.6	66.8	42.1	68.1	61.7	105.7	70.1	42.1	74.1
50-59	98.7	143.2	102.4	66.2	108.2	89.8	115.4	93.8	60.9	95.2	94.6	129.7	98.4	63.6	102
60-64	144.9	180.6	146.4	95.7	149.8	131	173.5	135.8	98.2	138	138.5	177.2	141.5	97	144.3
65-69	191.8	228.7	201.2	141.6	196	171.9	216.2	171.7	127.3	178.1	182.5	222.5	185.5	134.7	187.5
70-79	299.4	310.8	277.2	230.1	298.8	287.7	287.4	261.2	197.3	284.4	294.3	299.1	268.4	213.6	292.4
80+	491.7	468.9	460.9	393.8	486.8	464.2	461.2	376.9	341.6	459.3	480.6	465	406.7	368.6	475.3
All	160.4	154.3	118.4	107.6	157.3	143.6	135.4	120.5	88	139.4	152.8	144.8	119.4	97.1	149
<b>ALL</b>															
0-19	16.7	30.7	21.6	10.1	20.2	18.6	32.2	20	10.5	21.7	17.5	31.3	20.7	10.3	20.8
20-29	27.7	43.1	32.2	16.1	32.4	32.8	52.3	38.8	17.3	39.3	29.9	47.4	35.7	16.7	35.5
30-39	44.9	51.7	48.9	22.8	46.8	48.7	59.5	53.3	23	51.8	46.5	55	51.1	22.9	48.9
40-49	77.5	87	80.5	45.2	80.1	75.1	90	88.1	42.4	79.7	76.6	88.2	83.9	43.8	79.9
50-59	122.7	120.9	122.6	80.6	120.5	125.1	123.1	124.8	71.3	122	123.7	121.8	123.6	76.4	121.1
60-64	178.4	159.8	160.9	116.2	169.5	180.3	164.8	154.8	114.8	171.5	179.2	162.1	157.8	115.6	170.4
65-69	220.8	195.6	198	157.5	210.4	226.4	198.8	194.8	144.7	212.2	223.3	197.3	196.2	151.7	211.2
70-79	320.7	277.9	281.2	230.4	306.8	319.5	272.4	265.8	229	299.4	320.2	274.8	271.8	229.7	303.2
80+	484.7	439.5	466.9	371.8	473	471.3	409.3	411.8	352.8	448.2	478.8	420.5	431	362	461
All	197.5	145.5	146.9	134.2	177.8	205.7	171	161.5	134.7	189.4	200.9	157.5	154.4	134.4	182.9

Table H.4.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: dialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>ALL</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	63.8	75.5	72	89.2	87.8	80.3	78.1	67.9	66.5	79.6	87.6	75.1
20-29	94.7	94.1	87.5	90.3	93.5	89.6	98.9	98.4	90.9	87.6	86.9	81.8
30-39	119.6	115.1	116.7	121.6	126.7	129.7	130	124.4	120.1	114.9	114.8	112.3
40-49	143	148.5	142.1	148.9	156.4	154.9	155.9	148.5	144.3	139.9	143.9	140.1
50-59	182.8	195	191.8	201.9	201	199.8	206.7	202	192.7	184.5	184.8	183
60-64	248.8	252.3	252.1	262	265	260.3	263.1	257	244.4	238.8	240.5	238.4
65-69	302.3	314	306	313.6	316.2	304	307.2	298.7	291.6	281.2	277.9	273.5
70-79	372	376.3	382.3	396.2	388.1	383.5	385	378.1	366.3	353.6	356.8	353.9
80+	540.5	518.7	525.7	535.2	531.8	502.1	532.7	529.5	485.5	476.2	481.8	482.3
0-19	63.4	74	72	91.5	90.4	79	78.1	69	68.7	83.2	96.9	77.8
20-44	118.1	115.1	115.8	119.5	124.2	125.1	128.7	124.2	120.1	115.6	116.9	114.5
45-64	194.7	205.4	202.7	213.6	216.7	214.4	218.7	212.6	202.5	195.9	196.9	194
65-74	323.2	332.9	327.6	338.5	337.6	329.1	330.5	322.5	312.3	302.3	304.1	300
75+	443.8	450.8	467.6	473.1	459.5	447.9	459.8	454.5	437.5	425	424.1	425.4
Male	265.2	266.8	266	277.8	278.2	273.8	279.8	273.1	259.3	248.2	248.7	244.7
Female	239.4	245.3	243.4	250.3	246.3	242.5	246	240.2	231.7	226.5	229.8	229.5
White	282	286.1	285.2	295.9	292.8	289.1	293.7	285.4	273.3	265.5	268.9	266.9
Black	200.7	209.2	202.6	212	216.9	213.1	219.1	220.3	208.7	200.9	200	199.7
Native American	184.8	176.4	204.2	215.9	215.9	228.8	221.1	217.3	234.2	205	201.2	197.2
Asian	237.4	221.7	252.1	251.9	234	219.5	212.7	184.1	182.9	166.6	164.9	151.2
†Hispanic												
†Non-Hispanic												
All	252.9	256.7	255.5	265	263.8	259.6	264.4	257.9	246.6	238.4	240	237.5
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	66.8	63.9	61.9	61	55.7	58.8	52.3	54.1	51	58.6	50.8	49.8
20-29	77.9	74.7	77.3	74.1	70.7	71.2	65.1	69.1	70.1	75.1	73.1	74
30-39	107.6	107.5	107.4	104.4	101.7	103.3	97.8	97.1	96.2	91.8	88.4	87.6
40-49	134.6	134.4	131.3	130.8	128	130.1	124.7	125.2	124.8	124.5	120.9	119.7
50-59	178.9	176.8	173.3	169.8	168.2	171.7	165.9	165.6	164.5	163	159.3	155.3
60-64	228.6	225.8	224.5	220.3	220.7	223.9	216	213.9	208.6	211.5	207.6	199.9
65-69	266	266.2	268	265.2	265.3	266.5	259.9	259.7	254.9	254	247.1	244.5
70-79	340.4	338.6	342.2	336.7	338.2	345.2	337.5	335.6	332	327	322.7	319.8
80+	467.6	473.2	478.9	479.6	485.1	506	488.1	487.5	479.3	470.7	459.8	458
0-19	69.9	66.1	63.3	62.2	56.6	60.1	55	55.2	51.9	59.3	52.1	50.5
20-44	110.6	110.4	109.8	107.3	104.8	105.3	100.5	99.3	100.1	98.8	96.2	94.8
45-64	186.8	184.2	181.2	177.9	176.6	179.8	173.4	173.2	170.2	170.3	166.6	162.7
65-74	289.8	289.7	291.7	288.8	289.2	292.5	285.6	284	280.7	278.2	272.7	269.8
75+	412.9	414.4	420.7	414.8	418.9	432.1	420.3	421	415.1	409.1	403.7	402.3
Male	235.8	233.5	234	229.1	227.6	230.5	222.8	221.3	217.5	216.2	212.3	209.6
Female	223.3	222.9	221.4	220.8	221	226.2	219.7	219.6	217.4	214.6	208.9	205.1
White	256.3	252.8	250.9	247.2	246.9	250.3	241.6	239.4	236	233.1	226.9	223.2
Black	193.8	195.7	195.6	193	191.3	197.8	192.9	195.8	192.1	192	189.7	187.5
Native American	192.7	179.2	192.3	187.4	195.3	198.4	213.8	210	208.6	196.8	188.6	193.5
Asian	156.1	161.8	168.1	166.6	166.3	167.7	157.4	154	148.4	147.9	146.5	145
†Hispanic			187.07	197.31	203.34	204.1	195.82	197.91	195.43	197.08	190.2	186.72
†Non-Hispanic			240.97	240.54	243.66	251.45	247.07	248.58	246.45	245.43	241.47	239.02
All	229.8	228.5	228	225	224.4	228.3	221.1	220.4	217.2	215.2	210.4	207.3

Table H.4.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: dialysis patients, by primary diagnosis, adjusted**

period prevalent patients, 2001 ESRD patients as reference

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	118.7	143.4	133.2	165.5	165.7	149.1	141.9	118.7	116.6	140.4	150.4	125.3
20-29	168.9	171.4	154.7	160.7	167.8	159.2	174	166.5	153.4	146.5	142.2	133.9
30-39	203.1	198.2	196.4	205.8	217.2	219.4	218.6	199.5	191	182.4	176.3	168.8
40-49	233	245.3	227.2	236.6	252.1	247.8	243.7	228.9	218.9	212.5	213.4	203.5
50-59	270	295.1	286.1	297.6	293.3	292.5	297.3	279	262.2	245.9	247.2	244.5
60-64	351.8	359.4	352.7	361.7	359.7	351	345	327.2	309.6	300.5	303.7	292.6
65-69	397.1	418.4	398.7	401.8	405.9	388.3	385.7	368.8	358.8	343.1	333.1	324.6
70-79	458.1	460.3	461.5	479.6	460.7	457	453	439.9	422.4	408.5	412.1	412.3
80+	598.8	582.1	584.8	588.6	583.5	548.1	601.8	592.5	513.5	510.2	519.7	522.1
0-19	117	138.2	132	169.9	171.2	144	139.6	120.1	120.6	147	169.2	127.9
20-44	203.1	199.2	199	207.2	214.7	212.3	217.3	202.4	193.9	185.9	182.5	174.9
45-64	283.7	305.7	294.2	306.3	309.5	306.2	304.9	287.4	271.2	259.7	261.6	254.5
65-74	421.7	438.8	420.4	427.7	425.4	410.5	404.9	390.1	375.9	361	360.7	355.7
75+	501.9	518	545.4	549	511.3	508.5	526.2	508.1	479.8	471.2	463.8	467.8
Male	349.3	353.4	347.5	359.4	359.4	351.8	357.5	338.8	318.5	302.7	302.8	297.1
Female	324.7	338.9	328.1	337.9	334.9	327.9	326.6	313.4	296.4	291.3	291.6	288
White	384.6	395	391.4	404	401.5	395.7	394.3	373.4	353.1	342.2	343.2	339.8
Black	236.1	252.2	232	243.7	249.2	241.7	252	249.5	233.1	224.4	222.8	217.7
Native American	205.5	208	273.3	258.1	272.5	258.6	265.1	264	260.6	241	235.5	215
Asian	440.8	380.9	373.4	356.3	325.9	304.5	313.5	263.4	244.9	215.3	225.8	193.6
†Hispanic												
†Non-Hispanic												
All	337.5	346.5	338.5	349.2	348.3	341	343.4	327	308.5	297.5	297.7	292.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	110.8	104.1	102.2	100.9	91.7	96.4	83.3	86.9	82.5	93.1	79.3	78.2
20-29	127.6	119.8	126.1	121.8	115.3	115.6	100.9	109.4	112.5	120.8	113.5	115
30-39	158.4	159	164.4	160.3	157.1	158.9	149.5	147.9	149.8	140.5	133.6	133.7
40-49	195.1	193.6	190.1	188.7	182.5	186.3	175.5	173.4	170.1	166.9	160.5	158.4
50-59	233.8	229.6	225.8	219.5	216.9	219.5	209.6	209.4	200.1	196.7	192	183.5
60-64	279	273.1	270.2	258.3	261.1	263.7	252.9	246.3	236.3	237	232.2	224.8
65-69	310.8	310	311.8	310.2	307.1	307	295.6	293.5	283.4	278.8	270.3	262.4
70-79	395.4	387.2	388.8	376.8	378.5	386.7	373.9	370.8	363.6	356.2	347.3	343.5
80+	508.5	515.5	532.8	526.3	525.5	558.8	531	528.1	513.1	502.5	481	479.3
0-19	114.5	106.8	103.3	101.7	92	98	88.6	88	82.6	92.5	80.9	78
20-44	167.8	168.2	171.5	168.2	163.2	163.8	155.6	151.6	153.3	148.7	143.4	141.2
45-64	242.1	237.5	234.1	226.7	225.8	229.4	218.8	217	207.9	206.1	201	194.2
65-74	340.3	335.1	335.7	331.1	329.9	332.8	321.3	318.2	309.9	303.8	293.7	286.9
75+	455	455.9	466.9	452.3	453.8	471.9	452.5	451.9	441.6	434.3	423.8	422.7
Male	283.6	279.2	283	273.8	271	276.4	264.1	261.8	253.7	249.3	241.7	236.9
Female	277.5	274.6	271.4	268.7	268.5	274.6	261.7	260.1	254.4	250.4	241.4	237.2
White	323.9	316.7	316.7	306.6	304.2	309.4	293.5	289.7	281.4	275.7	266.3	260.3
Black	208.9	212.6	211.3	211.6	210	218.4	212.4	215.2	209.8	208.1	202.1	200.3
Native American	209	203.7	218.7	215.8	217.8	219.9	220.2	211.6	214.9	206.7	194.6	191.3
Asian	200.3	203.2	223	220.4	220.5	213.9	197.2	187.1	182.8	179.3	177.8	173.5
†Hispanic			227.13	239.55	249.88	240.24	230.51	232.31	223.46	225.07	220.71	217.02
†Non-Hispanic			290.27	283.31	286.31	298.66	286.61	288.01	280.64	277.81	270.03	265.22
All	280.6	277	277.6	271.1	269.6	275.2	262.7	260.9	253.8	249.4	241.2	236.8

Table H.4.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: dialysis patients, by primary diagnosis, adjusted**

period prevalent patients, 2001 ESRD patients as reference

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	24.2	28.9	31.1	38.5	36.8	34.6	34.9	33.6	32.4	42.7	49.5	42.7
20-29	41.3	41.4	43	44.6	45.4	44.3	49	55.1	48.9	51.4	49.8	47.8
30-39	59.4	57.7	64.3	65.8	66.7	69.1	70.9	73.6	73.8	69.9	74.6	73.1
40-49	81.1	84	87.5	89.9	92.9	93	95.8	94.3	94.6	93.3	103.9	102.3
50-59	126.4	132.4	134.3	146.7	148.3	146.6	156.3	158	156.2	155.9	157.3	152
60-64	186.6	193.6	194.9	213.7	215.6	218.7	220.4	226.3	219.4	221.8	215.4	226
65-69	255.9	266	261.4	273.5	273	266.2	279.2	271	269.4	262.1	264.1	261.5
70-79	325.7	335.5	353.8	376.2	357.8	366.9	371.6	371.8	358.4	345.4	347.6	350.3
80+	548.4	521.3	527.5	540.8	523.3	509.1	531.5	531.9	507.9	484.7	484	486.1
0-19	25.6	30.8	32.2	41	39.8	37.3	38.6	36.1	36.1	47.3	59.5	50.2
20-44	58.9	58.6	61.1	61.5	67.1	69.2	73	74.4	73.7	71.3	76.3	79
45-64	141.9	148.7	152.8	167.6	168.8	169.1	174	176.2	172.9	173.6	173.3	173
65-74	271.7	280.5	287.3	304.8	298.5	300.2	308.2	305.5	297.6	288.3	293.2	291.7
75+	430.7	436.6	451.2	463.4	441.6	442.8	455.7	456.4	440.5	425.3	425.2	432.3
Male	208.1	211.2	215.4	232.4	232.8	230.6	238.6	238.1	229.9	222	223.7	219
Female	190.3	193.4	200.7	207.1	196.4	200.5	206.5	206.6	203.3	201.5	205	209.9
White	223.9	226.6	230.2	245.1	237.6	238.8	249.3	249.3	242.6	239.1	244.7	243.8
Black	162.4	164.4	164.7	172.5	175.4	173	177.6	180.6	175.4	171.2	169.5	171
Native American	129.4	144.9	149.6	206	191.1	221.4	175.2	180.2	212.1	155	176	185.1
Asian	104.7	126.6	204.1	187.1	183.7	183.7	167.4	147.8	148.5	132.8	116.2	117.1
†Hispanic												
†Non-Hispanic												
All	199.8	203	208.5	220.6	216.1	216.4	223.7	223.4	217.3	212.4	214.8	214.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	36.8	37.5	32.8	31.7	28.8	30.6	29.1	30.4	27.4	31.9	29.5	29.7
20-29	42.4	44.1	40.5	40.4	38.5	39	38.1	40.3	38.7	41.4	44.5	46.1
30-39	72.1	74	67.2	63.3	61.3	63.1	60.8	61.8	58.5	57.3	56.5	53.9
40-49	96.2	93.9	88.5	91.7	93.1	93.5	92.5	93.7	93.3	96.6	92.2	91.6
50-59	152.8	152.7	147.4	143	141.8	149.9	141.9	144.1	145.9	144.4	140.8	138
60-64	212.1	218.6	208.5	204.8	206.3	211.8	206.2	201	192.7	198.1	193	194
65-69	260.9	263.1	262.1	256.4	256.4	256.4	245.5	249.4	247.8	242.9	238.9	238.6
70-79	335.9	335.1	333.3	332.9	334.1	339.9	333.2	329.7	325.5	320.3	316.9	313.2
80+	479.7	473.6	472.9	477.6	481.1	489.4	481.8	481.1	475.2	466.8	458.7	458.9
0-19	44.1	42.3	36.6	35.3	32	33.9	32.2	33.3	30.8	36.1	32.5	33
20-44	76.6	73.5	66.2	66.3	66.3	65.8	62.9	64.1	64.6	65.5	65.1	63.5
45-64	165.5	167.9	161	157.5	157.2	163.2	157.4	156.4	153.2	155	150.2	149.7
65-74	285.6	288.3	286.9	283.9	282.9	286.6	278.1	276.3	273.7	269.1	268.8	265.9
75+	420.5	414.8	414.7	416.4	420.3	426.9	421.4	421.5	417.7	410.9	404.5	404.6
Male	211.9	210.5	205.9	203.7	205.7	208	200.2	199.4	196.8	197.1	194.1	193.3
Female	205.6	207.4	203.4	203.1	200.4	206.2	202.8	203.6	201.6	198.3	193.6	191
White	234.6	233	226	224.8	223.9	227.4	220.3	219.3	216.9	215.2	209.7	206.8
Black	168.5	171.3	171	169.3	170.3	176.6	172.4	174.1	172.9	172	171.2	170.2
Native American	200.8	164.6	186.8	164.5	185.8	186	221.4	241.1	223	200.9	192.7	217.8
Asian	121.2	139.4	133.5	134.1	136.7	136	129.6	127.7	121.7	125.7	124.3	130.1
†Hispanic			189.73	200.42	192.04	195.47	188.66	191.01	198.18	192.33	182.67	173.33
†Non-Hispanic			239.97	243.48	246.9	250.96	248.21	249.12	247.36	246.22	244.51	244.44
All	209	209	204.7	203.1	203.3	207	201.4	201.4	199.1	197.6	193.6	192

Table H.4.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: dialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	18.5	22.3	22.2	28.3	29.4	30.2	31.1	28.8	29.9	35.2	37	35.4
20-29	32.1	32.3	31.4	32.6	36.3	38.2	43.6	44	45.2	39.7	39.5	40
30-39	45.4	44.9	47.9	49.2	53.8	62.4	66.4	67.5	65	62.7	61	61.8
40-49	63.7	66.2	67.2	70.4	76.5	79.7	83.5	78.7	82	81.8	83.9	84.3
50-59	102.2	106.7	104.8	110.9	113.4	116.2	126.3	129.6	132.6	126.2	125.2	126.8
60-64	148.5	154.1	156.7	162.2	168.6	168.6	185.6	180	174	170.3	181.3	174.9
65-69	210.7	217.3	214.1	221.2	218.1	215.3	230.7	223.5	222.9	216.5	209.2	209.9
70-79	287.8	288.1	299.3	304	302.7	294.2	311.3	306.9	304.6	289.4	297.2	281.5
80+	467.3	444.7	457	457.9	445.1	423.6	459.8	443.3	439.9	424.5	437	422.6
0-19	19.3	23.3	23.8	30.3	29.5	29.9	31.2	29.4	30	37.2	39	36.2
20-44	42.9	43.4	44.7	45.7	51.7	58.6	62.8	62.2	61.9	60.1	59.1	60.6
45-64	107.1	112.6	113.9	119.4	123.6	124.5	135.7	134.5	134.3	129.8	133.5	130.7
65-74	229.2	231.7	231.2	241.5	239.3	235.5	253.5	248.7	245	238.1	238	230.2
75+	366.1	369.5	384.3	389.8	385.7	369	388.9	377.4	385.5	361	369.9	359.1
Male	178	179.2	183.8	189	194.3	193.1	204.7	199.8	196	190.3	190.7	187.4
Female	154.9	154.8	155.1	159.9	155.6	154.1	167.4	166	169.3	161.3	166.9	161.8
White	178.9	177.2	175.9	178.9	179.3	175.7	189.6	190.6	187.1	181.2	188.3	184.9
Black	145.5	155.8	162.2	162.7	166.6	172.2	187.1	178.1	178.1	170.4	165.9	163.1
Native American	186.2	104.1	109.7	171.6	166.1	194.3	182.7	190.4	243.3	237	208.2	153
Asian	118.8	109.1	144	189.9	178.2	146.1	128.1	104.8	132.8	121.7	129.5	121.2
†Hispanic												
†Non-Hispanic												
All	167	167.7	170.2	175.2	176.1	174.6	187	183.9	183.8	176.9	179.6	175.5
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	29.5	28.7	27.8	28.5	25.1	26	24.4	25.7	23.7	28.8	25.8	25.5
20-29	35	36.6	34.9	36.9	34.5	35.3	33.7	35.8	35.3	41.2	39	41.3
30-39	58	56	53.9	55.6	52.3	54.1	52.3	52.5	51.3	49.2	48.8	47.5
40-49	82.3	83.4	82.5	82.5	81	79.2	79.4	80.7	85.7	85.9	83.1	82
50-59	124.5	124.9	120.5	119.5	116.8	123	118.1	119.9	122.5	123.2	118.9	118.1
60-64	168.9	164.7	171.4	169.9	169.8	168.5	158.7	161.8	162.7	161.8	164.5	152.9
65-69	207.5	210.4	213.2	207.9	208.1	209.1	207.2	208.6	203.6	210.3	197.1	196.6
70-79	270.1	275.1	280.9	272.3	274.7	278.2	273.1	269.4	268.9	264.5	259.5	259.5
80+	408	419.4	418	416.2	420.6	440.2	424.2	419.4	416.8	399	396.4	387.3
0-19	30.5	28.9	29.1	29	25.3	25.7	24.3	25.5	24.2	28.4	26	25.3
20-44	56.5	57.4	54.8	56.1	53.4	54.3	53.7	53.3	55.5	55.9	54	53.5
45-64	127.5	125.3	125.1	124	121.9	123.3	117.9	121.2	123.3	123.7	122.3	119
65-74	225.4	228.3	234.5	232.5	232	229.6	226.6	224.7	226	227.9	219.1	218.7
75+	346.3	357.4	357.4	341.8	349.2	365.3	356.6	354.6	349.1	338.4	334	330.9
Male	179.2	181.4	180.1	176.8	172.3	176	170.3	169.7	169.5	169.2	165.8	165.6
Female	160.1	161.1	163.5	162.2	166.4	169.1	166.4	166.2	166.7	165.1	160.7	156
White	181.3	181.3	182.4	181	181.6	184.6	181.5	177.3	178.8	177.4	172.1	170.1
Black	155.7	158.6	157.7	152.4	151.4	155.9	148.4	156.4	155.2	154	153.8	151.6
Native American	125.3	159.3	163	158.3	173	166.7	188	150.6	156.6	156	142	149.9
Asian	114	121.2	123.6	126.3	113.5	113.9	106.6	119.1	111.6	113.2	102.1	95.2
†Hispanic			92.55	89.31	98.94	100.76	93.32	104.34	100.96	103.61	97.6	90.7
†Non-Hispanic			156.48	155.97	153.98	157.85	156.39	153.03	155.92	154.56	148.15	148.33
All	170.4	172.2	172.8	170.2	169.7	172.6	168.4	168.1	168.3	167.4	163.4	161.2

Table H.4.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: dialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	51.2	54.9	53.1	65.8	60.1	57.1	59.2	55	52	55.5	66.4	60.8
20-29	79.9	72	67.9	69.4	68.9	66.4	76.2	80.5	73.2	71	78.8	71.3
30-39	106.2	96	95.4	101	100.1	104	103	108	104.1	98.6	106.3	110.2
40-49	123.8	123.6	119.9	130.6	131.6	130.6	135.8	133.8	128	121.3	127.5	130.2
50-59	166.1	169.3	168.7	178	177.5	173.7	180.7	188.3	172.6	165.6	163.5	165.1
60-64	228.7	222.7	227.3	235	244.3	238.3	243.9	243.5	225.3	214.5	216	219.8
65-69	276.3	280.9	281	293.4	298.3	281.1	276.2	284.8	269.1	258	260.6	256.2
70-79	348.8	354.4	356.1	362.4	370.4	354.7	351.8	347.1	334.6	324.9	327.2	326.5
80+	507.1	482.5	494.4	512.6	535.8	498.1	491.1	495.3	454.4	456.3	453.2	464.9
0-19	50.3	54.4	53.1	64.5	59.4	56.8	58.5	54	51.2	53.3	63.1	59
20-44	103.7	95.1	93.7	97.3	96	98.2	99.6	103.9	100.4	96.7	104.6	105.3
45-64	176.6	178	179.3	189.1	193.2	188.8	196.6	198.5	181.8	172.7	171.8	173.7
65-74	296.3	302.5	301.4	311.7	316.3	303.1	299.8	299.6	284.5	277.6	280.6	277.7
75+	428.6	424.6	427.1	439.2	459.4	428	420.6	430.2	409.1	400.3	399.5	406.4
Male	247.6	245.5	244.3	255.6	258.4	253.7	253.3	257.6	239.8	231.4	232	233.1
Female	205.8	204.6	206.4	214.3	220.5	206.7	211.2	210.8	202	196.5	201.9	202.8
White	234.2	231.9	229.5	236.3	240.6	230.9	235.5	233.3	222.2	215.2	219.7	218
Black	225	227.3	231.4	243.1	251.6	242.4	239.5	252.1	230.3	221.6	223.2	229.2
Native American	229.5	205.9	210.3	175	168	198.1	225.9	195.7	205.4	186.8	162	202.1
Asian	121.1	104.8	125.4	174.6	157.1	145.2	129.3	125.9	135.9	144.4	138.4	136.2
†Hispanic												
†Non-Hispanic												
All	227.9	226.2	226.4	236.5	241.3	232.2	234.3	236.5	222.8	215.9	219.2	219.9
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	58	56.3	55.6	53.4	50.3	53.1	49	49	46.9	54.8	46.5	43.8
20-29	73.8	68.7	72.5	63.2	62.1	62.5	60.8	61.9	63.6	65	65.7	64
30-39	112.9	110.8	111.9	102.7	98.1	98.4	93	92.1	88.8	87.2	83.3	81.6
40-49	125.5	126.7	124.5	120.5	115.9	119.8	113.7	118.1	118.2	118.2	118.5	117.2
50-59	162.8	160.8	158.6	157.1	157.6	158.9	161.4	155.8	159.4	159.9	159.3	158.4
60-64	216.1	207.8	214.6	216.9	214.3	219.3	217.2	219.8	221.6	227.1	221.7	208.8
65-69	251.9	250.1	253.9	253.8	256.2	260.1	262.2	263.7	261.9	269.2	265.4	267
70-79	316.6	315.1	327.4	329.8	331.4	338.4	338.1	342.1	341.3	339.5	343.8	338.9
80+	436.1	446.4	450.6	461.3	476.2	492.2	481.5	485.3	479.6	478.8	476.7	480.6
0-19	56.2	55.4	54.2	52.6	49.9	53.1	48.8	49	46.5	54.9	46.3	43.8
20-44	105.6	106.2	107.1	97.6	94.2	95.2	89.8	90.8	89.3	89.7	88.4	86.3
45-64	170.4	164.5	164.5	164.3	162	164.5	164	163.5	166.3	167.1	165.4	162.3
65-74	269.8	270.1	276.7	275.6	278.7	284.7	287.7	289.9	289.1	291.6	289.8	290.5
75+	392	394.4	404.8	413	420.8	430.7	421.5	426.9	423.8	425.3	430	427.3
Male	228.3	226.2	229.7	225	223	222.6	221	222.8	222.2	224.6	222.9	221.4
Female	197	197.4	200	202.6	205.1	214.9	211.6	212.2	213	213	212.6	208.8
White	211.5	211.2	212.9	215.4	218.8	221.2	219	220.4	222.6	223.1	221.2	219.6
Black	223.6	222.5	229.2	221.4	215.2	220.6	219.1	220.1	216.1	219.1	219.5	216
Native American	188.6	160.3	163	180.2	174.4	190.5	200.2	194	205.9	200	199.3	187.2
Asian	144.8	136.9	136	130.1	134.6	156.7	151.6	150.9	142.4	139	144.2	142.7
†Hispanic			142.33	145.62	140.33	166.61	152.06	140.35	146.65	153.42	133.19	139.28
†Non-Hispanic			222.32	222.51	224.43	228.06	231.15	233.42	235.15	235.87	235.82	230.53
All	214.3	212.9	215.9	214.7	215.1	219.6	217.2	218.1	218.2	219.3	218.3	215.6

Table H.4.2 (supplement)

**Annual deaths per 1,000 patients: dialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD as reference**

<b>ALL</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	37.7	44.8	43	53.7	51.8	47.8	48	42.8	43.1	51.9	57.9	52.2
20-29	63.2	62.7	59.3	61.1	62.1	60.5	67.8	68.3	64.1	62.1	62.8	59.9
30-39	85.4	81.9	84.8	88	90.3	92.8	93.8	90.8	89.1	86.1	86.7	85.3
40-49	104.9	108.1	106.4	110.2	114.5	113.4	115.4	110.1	108.7	105.9	109.7	107.5
50-59	134	144.2	145	152.2	151	150.3	155.4	151.7	145.8	140.7	142	141.4
60-64	180.3	183.1	187.4	195.1	196.8	194.2	196.6	192.1	183.7	179.9	181.9	181.3
65-69	215.7	221.8	222.3	227.3	228.6	220.8	224.8	218.8	215.3	208.9	207.9	206
70-79	252.8	254.5	266.3	275.4	271.3	270.6	273.4	268.2	262.3	254.9	258.3	258.1
80+	321.5	322.5	341.6	342.5	347.9	333.9	353.1	349.4	326.7	324.5	331.2	334.7
0-19	37.5	44.1	43.5	54.8	53.4	47.6	48.6	43.9	44.7	54.7	63.9	55.4
20-44	83.1	81.1	83.1	85.5	87.8	88.9	92.6	90.1	88.6	85.9	87.7	86.6
45-64	142.7	150.9	152.4	160.1	161.8	160.4	163.8	159.2	153	148.9	150.5	149.1
65-74	226.3	231.6	234.9	242.4	241.3	237	239.9	234.3	228.8	222.7	225.1	223.6
75+	289	292	310.5	313.4	311.5	306.6	315.6	310.7	302.6	296.5	298.1	301.3
Male	186	188.7	193.1	200.1	201	198.8	204.1	199.1	191.1	184.6	186.5	184.9
Female	170.2	175.6	179.8	184.7	182.4	181.1	184.5	180.2	175.8	172.6	175.8	176.7
White	193.7	198.3	203.1	209.4	207.4	205.9	209.8	203.9	197.6	193.4	196.9	196.9
Black	154.5	157.9	158.7	165.3	168.9	166.9	172.4	172.8	165.3	160.3	160.5	161.2
Native American	136.6	132.2	154	161.5	166.2	173.1	170.4	163.9	175.9	159.5	159	159.5
Asian	133	145.3	168.9	170.2	166	159.8	157.5	140.1	139.4	128.6	129.6	120.4
†Hispanic												
†Non-Hispanic												
All	178.6	182.6	186.9	193	192.6	190.8	195.1	190.3	184	179.2	181.5	181
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	45.3	43.5	41.7	42.4	38.6	40.1	36.1	37.2	34.8	39.8	34.9	33.9
20-29	57.2	55.9	57.7	56	53.9	54.6	50.4	53.5	54.3	58.2	56.8	57.5
30-39	82.2	83.5	83.6	81.5	80.1	81.6	78.1	77.7	77.1	73.8	71.1	70.8
40-49	104.4	105.3	103.2	103.2	101.6	103.6	100.3	100.9	100.8	101.1	98.4	97.7
50-59	138.6	138.9	136.5	133.6	132.9	136	132.3	132.1	131.5	131.1	128.7	125.8
60-64	175	174.5	173.3	170	170.7	173.6	168.5	167	163.6	166.2	163.7	158.4
65-69	201.4	203.9	204.6	201.4	201.6	203	199.3	199.2	195.8	195.6	191.1	189.1
70-79	250	251.9	253.5	248.7	250.1	255.2	251.5	249.8	248.1	246.3	243.6	241.3
80+	326.6	332	333.8	331	334.3	346.6	338.6	339.5	335.2	332.6	327.1	326.2
0-19	48	45.5	42.9	43.1	39.5	41.3	38.2	38.2	35.8	40.8	36.2	34.8
20-44	84.3	85.3	85.1	83.6	82.4	83.1	80.1	79.2	80.2	79.4	77.5	76.6
45-64	144.4	144.2	142.1	139.4	138.9	141.8	137.7	137.6	135.8	136.4	134	131.3
65-74	217.4	220	220.7	217.5	218.1	220.9	217.3	215.9	213.9	213	209.3	207.2
75+	294.3	298.2	301	295.3	298.3	306.7	301.1	301.6	298.9	297.2	294.2	293.1
Male	179.8	180.3	180.3	176	175.5	177.9	173.8	172.8	170.5	170.6	168	166
Female	172.7	174.4	173.3	172.2	172.4	176.6	172.8	172.7	171.6	170.4	166.8	164.3
White	190.6	190.8	189.4	185.9	186.1	188.7	183.9	182.4	180.7	179.8	175.8	173.5
Black	157.1	159.8	159.7	157.2	156.3	161.8	159	160.9	158.3	158.8	157.5	155.7
Native American	155.3	147.3	156.7	153.8	159	162.1	171.5	168.3	168.1	161.8	155	158.1
Asian	124.8	130.3	135	133.8	134.8	135.9	129.6	127.1	123.2	123.8	122.8	121.4
†Hispanic			142.9	152.9	157.9	159	151.9	156.3	154.5	156.2	151.8	149.9
†Non-Hispanic			185.1	183.8	186.3	192.1	190.3	190.6	189.6	189.7	187.3	185.8
All	176.4	177.5	177	174.1	174	177.2	173.2	172.7	170.9	170.4	167.3	165.1



Table H.4.2 (supplement)

**Annual deaths per 1,000 patients: dialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	64.1	78.1	72.8	91.8	90.5	81.7	80.6	69.2	70	85	93	82.6
20-29	103.2	104.6	95.9	99.9	102.4	98.6	110	106.1	100	96	95.7	92.9
30-39	134.1	129.7	131.9	138.4	143.7	145.1	146.1	134.9	131.8	127.8	124.8	120.7
40-49	157.3	164.7	158.4	161.8	170.8	168	167.7	157.7	154.3	150.6	153	147.3
50-59	176.5	199.8	196.6	205.4	202.6	203.5	207.5	195.4	185.8	176.3	179.7	179.1
60-64	231.3	238.6	239.1	248.2	246.9	243.2	240.5	229.2	218.6	213.4	217.7	211.9
65-69	261.9	273.7	267.2	269.1	271.6	261.7	263.6	252.7	248.6	239.1	235.5	233
70-79	286.3	290	299.5	313	302.5	304.8	304.2	295.9	287	279.8	284.2	286.8
80+	314.9	339.2	359	354.8	363.7	346.2	377.9	370.3	330.1	333.8	344.5	351.5
0-19	62.7	75.5	73.2	94	93.4	80.1	80.8	71	72.8	90.4	104.6	86.8
20-44	130.4	128.9	131.3	136.7	140	139.5	145.1	136.1	133.3	129.2	128.5	124.7
45-64	189	205.9	202.9	211.6	213.3	212.1	212.4	200.9	191.9	185.5	189.1	185.6
65-74	270.7	282.4	278.3	284.2	281.8	276	275.5	266.3	259.3	250.8	252.9	252.4
75+	302.2	314.4	336.5	340.2	330	330.3	343.2	330.8	317	314.2	313.6	319.5
Male	223.8	232	234	240.7	241.7	238.5	244	232	221.4	213	216	214.2
Female	208.9	222.9	223.4	230.9	229.3	227.1	227.7	219.4	210.5	208.3	210.1	210.3
White	241.3	252	256.6	264.8	263	261.7	261.9	249	239.4	234.5	237.7	238
Black	170.1	179.8	172	180.5	184.6	180.2	189.8	187.4	176.8	171.2	172.3	170.8
Native American	144.4	147	194.3	182	196.3	188.3	192.5	190.3	191.5	182	180.8	168.4
Asian	219.6	237.6	241.3	222.6	214.4	206.8	218.6	188.9	175.8	158.3	168.9	147.7
†Hispanic												
†Non-Hispanic												
All	216.8	227.6	228.9	235.9	236	233.3	236.5	226.1	216.5	210.9	213.3	212.2
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	70.7	66.8	64.6	66.6	60	62.3	54.2	56.7	53.4	59.8	51.4	50.2
20-29	88.3	84.2	88	87.6	83.4	84	73.5	80.4	82.3	88.1	82.7	83.6
30-39	113.6	116.3	120.6	118.5	117.4	119.3	113.5	112.8	114.1	107	101.7	102.6
40-49	143.1	143.9	141.5	141.3	137.5	141.2	134.4	133.4	131.5	130	125.4	124.4
50-59	172.5	172.2	169.5	164.6	163.6	166.3	160.6	160.6	154.9	153.8	150.9	145.1
60-64	204.1	202	199.5	191.4	194.2	197.8	191.6	187.2	181.4	183.1	180.5	176
65-69	225.4	227.6	228.3	226.6	225.7	226.8	220.7	219.5	214.2	212.4	207.4	202.8
70-79	278.2	276.2	277	268.2	271	277.3	271.2	269.1	266.2	263.4	258.5	256.7
80+	344.1	348.8	354.3	348.1	348.6	368.4	356.4	357.4	349.9	347.6	336.4	337
0-19	74.2	69.7	66.2	66.8	60.7	63.7	58.1	58	54.2	60.5	53.2	50.9
20-44	120.3	122.5	125.5	123.8	121.4	122.7	117.7	115.3	117	113.7	109.6	108.6
45-64	178.2	177.4	174.7	169.7	169.7	173.4	167.2	166.1	160.6	160.5	157.4	153
65-74	244.4	243.8	244	240.1	240.7	243.7	238	236	232.1	229.4	223.6	219.8
75+	312.6	316.3	320.8	310.2	312.8	324.9	315.5	315.9	311.4	309.8	304.1	304.5
Male	206.8	205.8	207.7	200.9	200.3	204.8	198.4	197.1	192.6	191	186.3	183.5
Female	204	204.8	202.4	200.3	201	206.2	198.8	198.2	195.2	193.8	188.3	186.2
White	229.1	227.4	226.9	219.6	219.4	223.6	214.9	212.9	208.8	206.6	201	197.8
Black	165.2	169	167.5	167.7	167	174.3	171.2	173.3	169.5	169.1	165.2	164
Native American	165.5	162.4	172.8	171.6	173.6	175.5	176.3	170.8	173.7	168.5	159.9	158.1
Asian	153.3	156.6	170.1	168.2	170.9	166.8	156.1	148.9	146.9	146	145.3	142.1
†Hispanic			168.3	180.5	189	182.9	175.7	180.3	174.5	175.9	173.9	172.2
†Non-Hispanic			213.6	208.5	211.7	221.1	214.4	214.7	211.2	210.5	205.7	203.5
All	205.3	205.2	205.2	200.3	200.4	205.2	198.4	197.5	193.6	192	187	184.6

Table H.4.2 (supplement)

**Annual deaths per 1,000 patients: dialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	15.5	18.9	20.1	25.2	23.5	22.6	23.3	22.8	22.5	29.4	34.3	31.6
20-29	28.5	29.9	31.5	32.9	32.5	32.5	36.1	41	36.5	38.2	37.1	35.5
30-39	43.4	43.2	47.9	48.9	49.1	51.7	53.8	56.3	57.4	54.6	58.3	57.1
40-49	62.8	64	66.7	68.3	71.1	71.3	74.2	73.5	74.2	73.6	81.8	81.5
50-59	100.5	102.9	108.7	116.7	117.6	115.2	121.9	122.4	120.9	121.2	122.3	119.8
60-64	141.9	146	151.3	164.4	164.8	166.2	167.9	170.6	166.2	167.3	163.3	172
65-69	182.7	191	195.4	201.9	201.4	195.9	204.7	199.1	198.9	195.2	196.7	196.1
70-79	218.6	228.1	247.3	261.4	250.8	257.4	261.6	260.1	253.4	246.2	248.7	252.1
80+	327.1	321.8	338.7	339.6	338.1	332.1	348.2	346.8	335.7	325.3	327.4	330.2
0-19	17.1	20.4	21.4	26.8	25.5	24.3	25.7	24.3	25	32.5	40.9	38.4
20-44	44.6	44.3	47	46.9	50.1	51.7	55.1	56.8	56.9	55.3	59.2	61.5
45-64	108.6	113.6	119.8	130.1	130.8	130.8	134.6	135.3	133.1	133.7	133.6	134.6
65-74	189.8	198.1	208.6	220.8	216.4	217.2	223	220.6	216.7	211.6	215.2	215.7
75+	275.4	281.8	301.1	305.9	297.2	299.6	309.2	307.3	299.6	292.6	294.3	300
Male	149.2	153.4	160.8	171.5	172.7	170.8	176.9	175.7	171	167	169.1	167.2
Female	138.7	142.5	152.6	156.1	149.7	153.3	158.3	157.7	156.5	155.1	157.8	161.9
White	157.6	162.5	170.5	178.2	173.8	174.4	181.9	181	177.6	176	180.5	181
Black	127.4	126.8	132	137.4	140.1	139.2	143.4	145.4	142.4	139.7	138.8	140.8
Native American	94.9	110.7	108.9	151.1	150.2	163.2	140	134.6	157.8	123	142.9	152.6
Asian	64.5	83.1	133.3	134.2	136.4	137	125.7	114.6	114.7	104.9	94	95.9
†Hispanic												
†Non-Hispanic												
All	144.4	148.4	156.9	164.3	162.1	162.4	168.2	167.2	164	161.4	163.7	164.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	26.2	26.9	23.3	22.9	20.8	21.6	21.1	21.6	19.6	22.7	21.4	21.3
20-29	32	34.2	32	31.5	30.2	30.7	30.8	32	31	33.4	36.5	37.6
30-39	57.4	60.4	54.9	51.5	49.9	51.2	50	50.3	48.3	47.5	47.1	45.2
40-49	76.8	76.3	72.8	75.3	77	77.3	76.9	77.7	77.5	80.3	77.3	76.8
50-59	120	122.3	119.4	116.5	115.7	121.7	115.7	116.9	118.2	117.3	114.9	113.1
60-64	161.9	169.5	163.1	159.9	160.8	164.5	160	156.9	151.8	156	152.1	152.7
65-69	195.6	201.5	200.9	196.2	194.9	195.8	188.8	190.6	188.8	186.1	182.9	182.8
70-79	244	248.9	248.6	247	246.6	250.3	247.1	244.3	241.2	239.2	237.3	235.3
80+	329.3	332.1	333	331.7	332.6	337.8	334	333.5	330.8	327.5	323.6	323.9
0-19	31.7	30.4	26	25.7	23.5	24.2	23.4	23.8	22.1	25.7	23.6	23.7
20-44	60.5	59.3	54	54.5	54.5	53.8	52	52.3	53.1	54.2	54.2	53
45-64	128.8	133.2	129	126.1	126.3	130.6	126.4	125.6	123.5	125	121.7	121.6
65-74	211.8	218.5	217.7	214.9	213.1	216.3	210.9	209.2	206.9	205	204.5	202.9
75+	295.3	297.9	299.2	297.3	298.6	302.2	300.3	299.7	297.6	294.9	291.7	292
Male	162.8	165.5	162.8	160.4	161.6	163.4	158.5	157.9	156	157.1	155	154.3
Female	159.5	163.8	161.7	160.6	158.2	162.1	160.1	160	158.8	157	154	152.7
White	175.4	178.2	174.1	172.3	171.2	173.6	169.2	168.1	166.5	166.2	162.6	160.9
Black	139.1	143.5	143.8	141.9	142.5	147.5	144.7	145.6	144.7	144.2	144	143.2
Native American	159.3	136.9	154.5	138.8	150.9	151.5	173.8	185.1	175.5	163.5	154.2	172.8
Asian	99.2	114.6	110.3	111	112.5	111.5	108	107.4	102.6	106.1	105.1	110.2
†Hispanic			146.4	157.2	151	153.7	146.7	151.5	156.5	152.6	145.9	139.3
†Non-Hispanic			188.4	188.9	190.9	194.1	193.2	193	191.7	191.6	191.1	191.3
All	161.3	164.6	162.2	160.2	160	162.7	159.2	158.9	157.3	157	154.4	153.4

Table H.4.2 (supplement)

**Annual deaths per 1,000 patients: dialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	13.6	15.4	15.3	19.8	19.8	20.2	21.1	19.9	21.2	25	26.4	25.9
20-29	25.4	24.6	24.4	25.1	27.6	29	33.2	33.6	34.9	30.8	30.7	30.9
30-39	34.7	35.3	37.6	38.8	42.5	49.9	53.3	54.2	52.4	50.7	49.6	50.3
40-49	50.9	52.7	54.5	57.2	62	64.1	67.2	63.7	66.7	66.9	69	69.3
50-59	87.3	87.6	87.6	92.2	93.1	95	102.6	104.8	107.5	102.6	102	104.1
60-64	118.2	124.2	129.7	132.6	137.1	136.9	150.1	145.5	140.2	136.9	145.6	140.9
65-69	166.2	169	169.4	175.8	171.5	170.5	182.7	176.9	177.3	172.2	167.6	167.7
70-79	208.1	210	223.1	225.1	226.5	222.2	237.6	232.8	232.3	222.4	228.2	218.5
80+	294	297.3	312.8	311.4	310.5	306.4	328	311.6	311.6	304.5	317	310.3
0-19	13.7	15.8	16	20.6	19.7	19.9	21.1	20.3	21.2	26.3	27.5	26.7
20-44	34.1	34.1	35.6	36.4	40.8	46.3	49.8	49.5	49.5	48.2	47.7	48.9
45-64	87.4	91.2	93.7	98	100.8	101.3	109.9	108.6	108.7	105.4	108.7	106.6
65-74	175.6	176.7	180.6	187.6	185.9	184	199.1	194.4	192.5	187.6	188	182.6
75+	254.2	258.7	275.3	276.2	278.5	271.2	284.9	274.9	282.6	267.2	275.2	270.4
Male	136.9	138.9	145.7	148.6	152.8	153.7	162.8	157.9	155.8	152	153	151.4
Female	122.1	123.5	125.8	129.9	127.7	127.1	137.9	136.4	139.1	133.4	138.4	134.8
White	138.2	138	139.9	141.9	141.9	140.1	151.1	151	148.5	144.4	150.2	148.6
Black	115	125.1	132.9	132.9	136.9	142.8	155	146.7	148.4	143.1	140.3	138
Native American	155.3	87.3	97.3	146	142.6	158.1	147.4	154.6	187	186.7	168.4	129.2
Asian	84.4	72.8	102.1	134	136.6	116.8	103.3	84.8	107.6	98.6	107.4	101.9
†Hispanic												
†Non-Hispanic												
All	129.9	131.6	136.3	139.7	140.9	141	150.9	147.8	148.2	143.3	146.1	143.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	21.4	20.6	19.9	20.7	18.3	18.7	17.9	18.5	17	20.7	18.7	18.4
20-29	27.6	29.3	28	29.4	27.7	28.9	27.7	29.4	29	34	32.3	34.1
30-39	47.9	46.5	45.2	46.1	43.4	45.3	44.3	44.2	43.4	41.9	41.7	40.8
40-49	68.6	69.8	69	69.2	68.3	67.1	67.7	68.8	72.9	73.2	70.8	70.1
50-59	101.8	102.3	98.8	98.6	97	102.6	98.9	100.4	102.1	103.3	100	99.5
60-64	136.3	133.2	138.2	137.6	137.9	137.1	130.5	133.3	133.8	132.8	134.7	126.2
65-69	166.2	169.6	170.5	165.8	165.7	166.4	166.3	168.2	163.6	167.8	158.9	158.7
70-79	210.1	217	219.6	212.7	215.6	218.2	216.6	213.3	213.3	211.8	207.8	207.7
80+	298.2	307.8	308.3	305.5	309.4	320.7	313.7	312.6	310	301.1	300.6	295
0-19	22	20.7	20.7	21	18.5	18.5	17.8	18.4	17.3	20.2	18.7	18.2
20-44	46.3	47.3	45.4	46.4	44.5	45.6	45.3	44.9	46.8	47.4	45.9	45.6
45-64	104.3	102.9	102.8	102.1	100.8	102.5	98.8	101.4	102.9	103.5	102.4	100.1
65-74	179.2	183.3	186.5	184.2	183.9	182.6	182.1	180.9	181.3	182.6	176.1	175.9
75+	259.9	270.7	269.9	259.6	266	275.9	271.6	271.2	267.6	262.8	260.5	258.3
Male	145.2	148.2	147.1	144.1	141.7	144.7	141.5	141.2	141.1	141.2	138.3	138.5
Female	133.2	134.9	136.1	135.1	138.2	140.2	139.3	139.3	139.3	138.9	136.3	132.7
White	145.7	146.8	147.2	145.8	146.7	149	148.2	145.1	145.9	145.4	141.5	140.3
Black	132.1	135.6	134.9	130.6	130.3	134.2	128.8	135.2	134.2	133.9	134.4	132.5
Native American	107.4	133.1	136.8	132	142.9	139.7	153	127.8	133.6	135.6	125	132.3
Asian	95.3	102.8	104.4	106.7	97	97.7	93	103.3	97.1	99	89.4	83.3
†Hispanic			74.79	73.21	81.53	84.07	77.78	87.09	83.24	86.54	81.24	76.99
†Non-Hispanic			126.3	126.2	124.9	128.3	128.2	125.4	127.4	127	122.1	122.6
All	139.7	142.2	142.2	140	140.1	142.4	140.4	140.3	140.3	140.2	137.3	135.8

Table H.4.2 (supplement)

**Annual deaths per 1,000 patients: dialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	34.6	37.7	36.7	44.2	40	38.3	40.5	38	36.9	39.8	47.4	42.7
20-29	63.2	55	52.9	52.6	52.2	50.4	58.4	61.9	57	55.9	62.1	55.8
30-39	87.5	77.9	79.5	81.4	79.1	81.9	80.9	84.5	82.1	78.3	84.1	87
40-49	100.8	100.1	99.3	107	105.4	103.7	107.6	105.5	101.3	96.1	100.6	102.7
50-59	135	137.5	140.3	145.6	143.5	139.9	144.7	149.2	137.9	132.5	130.6	130.8
60-64	183.3	177	184.8	188.3	194.2	189.3	192.1	191.1	178.2	170.3	170.5	171.7
65-69	216.9	213.2	219.6	227.1	230	217.2	215.1	220.4	210.1	202.6	204.5	199.7
70-79	264.8	256.6	264.5	267.4	273.2	262.6	262.9	259.5	253	246.3	248.5	248
80+	353.3	319.8	342.8	351.6	366.9	344.5	341.6	344.8	322.5	324.5	322.6	330.7
0-19	34.1	37.2	36.3	43.2	39.4	38.1	40	37.3	36.3	38.2	45	41
20-44	82.6	75.3	75.6	77.2	75.3	76.8	78	81.2	78.9	76.5	82.3	82.7
45-64	143.7	143.8	147.8	153.6	154.8	150.8	156	156.5	144.7	137.7	136.6	137.2
65-74	231.3	226.8	233.2	238.3	241.5	231.4	231	230.1	220.6	215.7	218.2	215.2
75+	310.4	292.9	305.1	311.9	324.9	305.6	302.3	308.5	297.5	292.5	292	296.8
Male	194.7	187.7	192.3	197.9	199.1	195.3	195.8	198.4	186.6	180.5	180.9	181.6
Female	168.4	162.8	169	173.9	177.5	167.4	170.6	170.1	164.6	160.6	164.6	164.3
White	185.5	178.9	182.1	185.2	187.2	179.9	183.4	181.3	174.5	169.1	172.2	170.8
Black	184.4	179.1	188.1	195.6	201	193.5	192.1	200.9	185.5	180.4	181.4	184.5
Native American	173.1	159.2	173.2	142	136.2	160.7	181.9	156.8	161.5	150.9	128.6	163
Asian	90.8	81.8	97.7	131.8	123.2	117.2	105.7	105.2	114.1	116.8	113.1	111.2
†Hispanic												
†Non-Hispanic												
All	182.2	176	181.3	186.9	189.5	182.6	184.6	185.8	176.8	171.8	174.1	174.1
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	41.1	39.7	39.4	38.5	36.7	38	35.3	35.1	33.5	39	33.5	31.3
20-29	57.9	54.2	57.4	49.9	49.7	50.2	49.4	50.1	51.9	53.3	53.8	52.4
30-39	88.5	87.1	88.1	82.1	79.7	80.3	76.3	75.5	73.2	72.4	69.4	67.8
40-49	99.4	100.8	99.1	96.2	93	96.4	92.6	95.9	96.2	96.6	97.1	95.9
50-59	129.4	128.6	127.4	124.7	125.2	126.2	128.7	124.4	127.2	127.7	127.7	126.3
60-64	170.6	164.6	168.9	169.3	167.5	171.2	169.5	170.2	170.8	175.4	171.7	161.6
65-69	196.9	195.4	197	193.5	195.7	198.2	199.9	200.6	198.1	203	200.2	199.1
70-79	240.8	239.4	245.5	244.8	245.3	249.8	250.7	251.9	252.2	251.6	253.7	247.2
80+	314.5	319.9	319.6	321.6	330	338.5	334.1	336.5	333.8	335.2	334.6	334.7
0-19	39.8	39.2	38.4	37.9	36.3	37.9	35.2	35	33.2	39.1	33.4	31.3
20-44	82.8	83.5	84.4	77.7	76.1	77.2	73.6	74.3	73.4	74.2	73.2	71.4
45-64	135.4	131.5	131.4	130.3	128.6	130.4	130.5	129.7	132	132.8	131.8	129
65-74	209.3	209.8	212.5	209.3	211.2	215	217.4	218	217	218.7	217	215.3
75+	288.6	288.3	292.9	294.8	299.3	304.8	301	303.4	302.6	305.1	307.6	302.7
Male	178.7	177.2	179.1	174.2	173	172.5	172.3	173.4	173.1	175.5	174.1	171.6
Female	160	160.4	161.2	161.5	163	170.1	168	167.7	168.5	168.8	168.5	164.4
White	166.4	166.3	166.4	166.6	168.6	170.1	169.1	169.7	171.4	172.2	170.6	168.2
Black	180.7	179.6	184.2	176.5	172.8	177.1	176.9	177	174.4	177	177.9	173.8
Native American	154.1	135.9	134.6	149	146.3	159.6	164.8	158.7	164.7	162	162.5	149.3
Asian	118.8	113.1	114.5	110	114.1	130.1	128	125.7	119.2	117.5	120.8	117.4
†Hispanic			112.9	116.7	112.3	132.3	119.1	113.5	118.3	124.2	109	113
†Non-Hispanic			171.5	170.8	171.9	174.2	177.7	178.4	179.9	180.8	180.7	175.1
All	170.4	169.3	170.7	168.3	168.6	171.8	170.8	170.9	171.1	172.4	171.6	168.3

Table H.4.3 (supplement)

**Dialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	47	48	38	54	50	65	53	52	61	55	60	75	85
20-29	230	253	246	249	266	286	305	299	379	394	371	383	423
30-39	503	538	633	620	752	849	926	1,080	1,097	1,181	1,265	1,269	1,396
40-49	810	884	883	1,023	1,135	1,297	1,448	1,517	1,672	1,777	2,025	2,185	2,556
50-59	1,652	1,771	2,008	2,360	2,480	2,818	2,913	3,055	3,391	3,548	3,660	3,893	4,318
60-64	1,177	1,262	1,517	1,718	2,058	2,374	2,632	2,726	3,025	3,223	3,282	3,597	3,913
65-69	1,322	1,455	1,589	1,918	2,250	2,623	2,999	3,214	3,759	4,124	4,564	4,916	5,362
70-79	1,556	1,875	2,241	2,732	3,484	4,147	4,656	5,384	6,110	6,887	7,699	8,616	10,174
80+	293	390	493	600	879	1,071	1,334	1,540	1,998	2,360	2,629	3,214	3,824
0-19	47	48	38	54	50	65	53	52	61	55	60	75	85
20-44	1,080	1,181	1,263	1,279	1,525	1,675	1,831	2,066	2,209	2,371	2,555	2,662	2,972
45-64	3,292	3,527	4,024	4,691	5,166	5,949	6,393	6,611	7,355	7,752	8,048	8,665	9,634
65-74	2,263	2,636	2,955	3,572	4,294	5,044	5,655	6,313	7,193	7,938	8,762	9,689	11,102
75+	908	1,084	1,368	1,678	2,319	2,797	3,334	3,825	4,674	5,433	6,130	7,057	8,258
Male	4,191	4,768	5,350	6,159	7,247	8,463	9,460	10,241	11,566	12,605	13,507	14,713	16,772
Female	3,399	3,708	4,298	5,115	6,107	7,067	7,806	8,626	9,926	10,944	12,048	13,435	15,279
White	5,517	6,223	7,034	8,085	9,582	10,971	12,062	13,176	14,987	16,137	17,599	19,445	22,225
Black	2,045	2,218	2,526	3,075	3,575	4,287	4,852	5,290	6,044	6,898	7,268	8,005	8,994
Native American	21	28	53	59	98	119	148	173	202	236	287	281	310
Asian	*	*	35	55	99	153	204	228	259	278	401	417	522
†Hispanic													
†Non-Hispanic													
All	7,590	8,476	9,648	11,274	13,354	15,530	17,266	18,867	21,492	23,549	25,555	28,148	32,051
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	65	64	66	64	63	55	62	53	55	54	75	51	51
20-29	386	387	378	399	361	344	367	340	378	378	405	381	381
30-39	1,492	1,512	1,564	1,580	1,485	1,420	1,508	1,453	1,470	1,480	1,391	1,367	1,356
40-49	2,667	2,804	3,084	3,195	3,415	3,404	3,680	3,713	3,944	4,019	4,126	4,126	4,193
50-59	4,675	5,111	5,429	5,605	5,986	6,409	7,075	7,322	7,894	8,331	8,674	8,870	8,935
60-64	4,106	4,165	4,394	4,603	4,735	5,059	5,398	5,488	5,701	5,740	6,304	6,447	6,361
65-69	5,866	6,208	6,535	6,848	7,123	7,434	7,710	7,932	8,214	8,266	8,431	8,456	8,508
70-79	11,407	12,122	13,331	14,557	15,495	16,998	18,422	19,072	19,626	20,138	20,394	20,533	20,585
80+	4,474	5,023	5,672	6,388	7,178	8,115	9,306	9,976	11,036	12,083	12,925	13,533	14,454
0-19	65	64	66	64	63	55	62	53	55	54	75	51	51
20-44	3,094	3,143	3,297	3,308	3,238	3,189	3,351	3,286	3,315	3,450	3,384	3,324	3,301
45-64	10,232	10,836	11,552	12,074	12,744	13,447	14,677	15,030	16,072	16,498	17,516	17,867	17,925
65-74	12,193	12,951	13,969	14,706	15,361	16,288	17,121	17,522	17,940	18,239	18,415	18,430	18,506
75+	9,554	10,402	11,569	13,087	14,435	16,259	18,317	19,458	20,936	22,248	23,335	24,092	25,041
Male	18,170	19,411	20,945	22,476	23,580	25,437	27,645	28,723	30,326	31,625	33,188	34,060	34,787
Female	16,968	17,985	19,508	20,763	22,261	23,801	25,883	26,626	27,992	28,864	29,537	29,704	30,037
White	24,129	25,307	27,150	28,926	30,654	33,011	35,466	36,816	38,665	40,399	41,617	42,101	42,959
Black	10,077	10,913	11,970	12,709	13,475	14,372	15,976	16,341	17,370	17,629	18,499	18,974	19,091
Native American	363	406	417	515	514	551	623	699	666	733	732	716	757
Asian	569	770	916	1,089	1,198	1,304	1,463	1,493	1,617	1,728	1,877	1,973	2,017
†Hispanic				3,335	4,048	4,593	5,054	5,420	11,950	6,281	6,741	6,902	7,112
†Non-Hispanic				40,082	42,110	45,052	48,974	50,473	105,714	54,698	56,509	57,377	58,232
All	35,138	37,396	40,453	43,239	45,841	49,238	53,528	55,349	58,318	60,489	62,725	63,764	64,824

Table H.4.3 (supplement)

**Dialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	52	49	61	86	75	96	102	100	131	121	113	125	124
30-39	130	175	232	242	320	371	422	440	462	451	522	528	541
40-49	153	198	240	339	380	434	574	616	672	775	896	990	1,142
50-59	252	303	448	691	746	986	1,087	1,262	1,405	1,486	1,676	1,854	2,178
60-64	173	215	323	436	574	748	876	996	1,137	1,285	1,451	1,676	1,951
65-69	150	212	274	416	497	674	867	1,030	1,235	1,457	1,783	1,996	2,280
70-79	97	143	279	373	529	739	896	1,161	1,357	1,653	2,099	2,555	3,195
80+	*	19	14	45	75	78	126	156	253	286	309	493	622
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	248	323	400	472	589	675	763	819	912	920	1,024	1,088	1,153
45-64	512	617	904	1,322	1,506	1,960	2,298	2,595	2,895	3,198	3,634	4,085	4,783
65-74	216	314	469	680	851	1,165	1,450	1,784	2,093	2,517	3,095	3,590	4,349
75+	36	60	98	154	250	326	439	563	752	879	1,096	1,454	1,748
Male	546	678	916	1,259	1,541	1,968	2,387	2,732	3,203	3,487	4,088	4,610	5,502
Female	466	636	956	1,371	1,656	2,160	2,571	3,033	3,453	4,030	4,763	5,614	6,538
White	760	975	1,385	1,891	2,329	2,935	3,446	4,036	4,555	5,104	6,106	7,080	8,260
Black	247	330	445	678	767	1,070	1,324	1,522	1,833	2,116	2,383	2,751	3,286
Native American	*	*	28	35	64	71	106	109	140	173	195	208	231
Asian	*	*	14	26	37	52	82	98	128	124	167	185	263
†Hispanic													
†Non-Hispanic													
All	1,012	1,314	1,872	2,630	3,197	4,128	4,958	5,765	6,656	7,517	8,851	10,224	12,040
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	127	118	98	115	108	87	94	66	100	91	94	76	87
30-39	565	557	612	644	593	581	603	580	585	604	515	518	569
40-49	1,169	1,259	1,374	1,458	1,574	1,547	1,700	1,657	1,720	1,785	1,797	1,781	1,835
50-59	2,425	2,636	2,907	3,103	3,349	3,658	4,054	4,217	4,575	4,595	4,859	5,018	4,859
60-64	2,024	2,138	2,337	2,547	2,613	2,967	3,239	3,296	3,410	3,482	3,812	3,887	3,838
65-69	2,672	2,857	3,179	3,494	3,833	4,063	4,338	4,530	4,761	4,802	4,901	4,960	4,965
70-79	3,824	4,313	4,856	5,681	6,270	7,272	8,215	8,544	9,180	9,551	9,773	9,911	10,138
80+	774	910	1,110	1,380	1,621	2,003	2,515	2,629	3,116	3,492	3,864	4,029	4,484
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	1,175	1,210	1,272	1,338	1,303	1,261	1,316	1,292	1,270	1,357	1,255	1,227	1,289
45-64	5,135	5,498	6,056	6,529	6,934	7,579	8,374	8,524	9,120	9,200	9,822	10,053	9,899
65-74	5,084	5,563	6,186	6,901	7,548	8,264	8,961	9,289	9,740	9,945	10,106	10,093	10,247
75+	2,186	2,517	2,959	3,654	4,176	5,074	6,107	6,414	7,317	7,900	8,432	8,807	9,340
Male	6,162	6,711	7,470	8,596	9,084	10,299	11,653	12,106	13,086	13,704	14,480	15,000	15,409
Female	7,421	8,082	9,006	9,826	10,879	11,879	13,108	13,414	14,364	14,699	15,136	15,181	15,366
White	9,425	10,020	11,020	12,322	13,080	14,649	16,284	16,691	18,027	18,774	19,467	19,843	20,299
Black	3,657	4,103	4,691	5,120	5,843	6,404	7,231	7,521	8,069	8,113	8,588	8,717	8,829
Native American	254	303	323	396	400	424	481	524	509	564	559	548	566
Asian	247	367	442	584	640	701	765	784	845	952	1,002	1,073	1,081
†Hispanic				2,059	2,611	3,072	3,307	3,616	8,056	4,177	4,521	4,749	4,917
†Non-Hispanic				16,475	17,574	19,390	21,785	22,275	47,540	24,546	25,424	25,741	26,195
All	13,583	14,793	16,476	18,422	19,963	22,178	24,761	25,520	27,450	28,403	29,616	30,181	30,775

Table H.4.3 (supplement)

**Dialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	14	12	19	24	24	21	27	26	47	28	44	34
30-39	39	36	59	57	75	104	98	128	146	176	192	188	223
40-49	100	114	145	150	173	214	253	259	305	315	372	399	509
50-59	235	263	315	407	470	540	580	600	701	730	788	866	929
60-64	160	194	268	358	410	547	590	639	705	803	831	915	904
65-69	184	270	339	460	578	666	796	879	1,096	1,165	1,352	1,493	1,595
70-79	235	377	546	779	1,102	1,414	1,508	2,012	2,306	2,655	2,954	3,366	3,937
80+	49	75	163	210	296	413	523	667	912	1,100	1,313	1,575	1,924
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	81	100	133	131	166	196	219	256	295	353	377	401	492
45-64	462	521	666	860	986	1,233	1,323	1,397	1,588	1,718	1,834	2,011	2,107
65-74	329	508	670	902	1,180	1,459	1,610	1,955	2,302	2,552	2,847	3,186	3,625
75+	139	214	378	547	796	1,034	1,217	1,603	2,012	2,368	2,772	3,248	3,831
Male	587	769	1,083	1,427	1,793	2,309	2,608	2,986	3,550	3,995	4,461	4,972	5,705
Female	424	575	766	1,016	1,337	1,615	1,762	2,230	2,649	2,997	3,372	3,883	4,358
White	543	789	1,147	1,506	1,927	2,427	2,618	3,220	3,879	4,290	4,870	5,581	6,460
Black	466	553	694	922	1,172	1,452	1,698	1,922	2,247	2,617	2,839	3,156	3,464
Native American	*	*	*	*	*	14	12	17	14	19	30	19	36
Asian	*	*	*	*	24	31	42	57	59	66	94	99	103
†Hispanic													
†Non-Hispanic													
All	1,011	1,344	1,849	2,443	3,130	3,924	4,370	5,216	6,199	6,992	7,833	8,855	10,063
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	40	34	43	40	36	35	29	42	37	39	37	53	41
30-39	233	256	265	211	207	205	217	220	230	236	231	238	205
40-49	524	544	633	621	684	715	738	796	832	800	902	896	911
50-59	944	1,141	1,152	1,141	1,181	1,254	1,372	1,320	1,510	1,685	1,697	1,733	1,855
60-64	1,058	1,014	1,115	1,008	1,057	1,064	1,089	1,111	1,148	1,083	1,255	1,262	1,310
65-69	1,716	1,867	1,865	1,825	1,793	1,840	1,850	1,782	1,852	1,876	1,849	1,908	1,916
70-79	4,527	4,672	5,096	5,204	5,432	5,697	5,989	6,151	6,123	6,214	6,285	6,325	6,206
80+	2,334	2,664	2,875	3,151	3,490	3,805	4,268	4,695	5,069	5,510	5,860	6,218	6,617
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	521	529	551	482	516	533	524	551	558	584	596	616	584
45-64	2,278	2,460	2,657	2,539	2,649	2,740	2,921	2,938	3,199	3,259	3,526	3,566	3,738
65-74	4,000	4,236	4,474	4,378	4,396	4,484	4,629	4,525	4,534	4,617	4,597	4,735	4,608
75+	4,577	4,967	5,362	5,802	6,319	6,858	7,478	8,103	8,510	8,983	9,397	9,716	10,131
Male	6,233	6,798	7,275	7,264	7,717	8,150	8,593	8,804	9,242	9,620	10,138	10,500	10,668
Female	5,149	5,401	5,774	5,938	6,164	6,465	6,959	7,316	7,560	7,823	7,978	8,137	8,398
White	7,174	7,617	8,066	8,077	8,614	8,998	9,449	9,929	10,309	10,758	11,170	11,386	11,671
Black	4,015	4,344	4,701	4,830	4,946	5,248	5,699	5,739	6,015	6,190	6,383	6,658	6,738
Native American	42	44	32	47	36	48	51	71	74	62	61	69	87
Asian	151	194	250	248	285	321	353	381	404	433	502	524	570
†Hispanic				632	729	758	848	919	2,030	1,129	1,166	1,176	1,177
†Non-Hispanic				12,599	13,195	13,920	14,781	15,282	31,734	16,393	17,036	17,562	17,979
All	11,382	12,199	13,049	13,202	13,881	14,615	15,552	16,120	16,802	17,443	18,116	18,637	19,066

Table H.4.3 (supplement)

**Dialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	12	12	17	14	20	*	*	14	17	18	24	19
20-29	39	41	53	48	52	54	68	68	78	76	100	63	78
30-39	65	78	80	96	107	124	167	238	234	241	237	245	240
40-49	93	106	110	119	158	181	211	226	245	247	311	342	366
50-59	171	195	254	259	274	315	331	345	392	423	438	412	442
60-64	129	136	152	217	259	259	306	307	377	344	330	350	389
65-69	128	154	200	223	262	316	336	388	475	452	482	510	483
70-79	147	197	259	317	426	487	586	633	774	836	901	924	1,110
80+	20	27	63	76	93	140	164	205	247	272	338	379	443
0-19	*	12	12	17	14	20	*	*	14	17	18	24	19
20-44	153	167	185	195	235	252	332	422	428	437	490	494	491
45-64	344	389	464	544	615	681	751	762	898	894	926	918	1,024
65-74	214	279	351	407	500	590	669	746	919	919	961	1,016	1,093
75+	81	99	171	209	281	353	417	480	577	641	760	797	943
Male	480	570	738	851	1,024	1,169	1,383	1,513	1,719	1,777	1,897	1,995	2,139
Female	319	376	445	521	621	727	796	906	1,117	1,131	1,258	1,254	1,431
White	637	789	968	1,084	1,291	1,452	1,656	1,780	2,132	2,214	2,302	2,404	2,718
Black	158	153	202	279	331	393	469	587	655	637	750	760	755
Native American	*	*	*	*	*	18	12	19	17	20	30	25	20
Asian	*	*	*	*	16	33	42	33	32	37	73	60	77
†Hispanic													
†Non-Hispanic													
All	799	946	1,183	1,372	1,645	1,896	2,179	2,419	2,836	2,908	3,155	3,249	3,570
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	21	13	12	17	16	*	*	11	13	*	14	12	*
20-29	91	64	92	79	92	80	91	78	89	78	114	80	99
30-39	258	238	234	233	251	210	236	227	219	224	213	217	201
40-49	394	435	451	462	496	488	475	527	535	565	558	536	544
50-59	503	501	526	509	555	558	659	648	710	774	780	755	805
60-64	335	357	346	390	384	379	363	344	391	391	380	438	370
65-69	547	542	548	553	513	529	526	541	522	481	522	451	477
70-79	1,079	1,154	1,276	1,337	1,326	1,419	1,473	1,476	1,357	1,387	1,337	1,211	1,204
80+	448	514	613	645	713	772	829	846	843	904	891	930	912
0-19	21	13	12	17	16	*	*	11	13	*	14	12	*
20-44	553	510	551	517	563	508	539	541	515	554	559	513	526
45-64	1,028	1,085	1,098	1,156	1,215	1,207	1,285	1,283	1,429	1,478	1,486	1,513	1,493
65-74	1,122	1,157	1,215	1,255	1,229	1,244	1,213	1,256	1,169	1,175	1,145	1,026	1,058
75+	952	1,053	1,222	1,280	1,323	1,476	1,615	1,607	1,553	1,597	1,605	1,566	1,535
Male	2,253	2,292	2,497	2,541	2,602	2,596	2,782	2,782	2,771	2,864	2,868	2,768	2,845
Female	1,423	1,526	1,601	1,684	1,744	1,849	1,879	1,916	1,908	1,948	1,941	1,862	1,775
White	2,736	2,859	3,028	3,147	3,216	3,307	3,425	3,466	3,288	3,471	3,395	3,216	3,228
Black	837	848	916	913	953	963	1,048	1,033	1,172	1,138	1,189	1,223	1,196
Native American	21	22	36	35	32	42	41	50	34	46	51	38	47
Asian	82	89	118	130	145	133	147	149	185	157	174	153	149
†Hispanic				240	258	305	322	314	730	357	378	365	347
†Non-Hispanic				3,997	4,106	4,156	4,368	4,409	8,688	4,489	4,473	4,298	4,298
All	3,676	3,818	4,098	4,225	4,346	4,445	4,661	4,698	4,679	4,812	4,809	4,630	4,620



Table H.4.3 (supplement)

**Dialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	40	35	23	32	33	41	34	34	41	34	37	35	51
20-29	130	149	120	96	115	112	114	104	144	150	130	151	187
30-39	269	249	262	225	250	250	239	274	255	313	314	308	392
40-49	464	466	388	415	424	468	410	416	450	440	446	454	539
50-59	994	1,010	991	1,003	990	977	915	848	893	909	758	761	769
60-64	715	717	774	707	815	820	860	784	806	791	670	656	669
65-69	860	819	776	819	913	967	1,000	917	953	1,050	947	917	1,004
70-79	1,077	1,158	1,157	1,263	1,427	1,507	1,666	1,578	1,673	1,743	1,745	1,771	1,932
80+	219	269	253	269	415	440	521	512	586	702	669	767	835
0-19	40	35	23	32	33	41	34	34	41	34	37	35	51
20-44	598	591	545	481	535	552	517	569	574	661	664	679	836
45-64	1,974	2,000	1,990	1,965	2,059	2,075	2,021	1,857	1,974	1,942	1,654	1,651	1,720
65-74	1,504	1,535	1,465	1,583	1,763	1,830	1,926	1,828	1,879	1,950	1,859	1,897	2,035
75+	652	711	721	768	992	1,084	1,261	1,179	1,333	1,545	1,502	1,558	1,736
Male	2,578	2,751	2,613	2,622	2,889	3,017	3,082	3,010	3,094	3,346	3,061	3,136	3,426
Female	2,190	2,121	2,131	2,207	2,493	2,565	2,677	2,457	2,707	2,786	2,655	2,684	2,952
White	3,577	3,670	3,534	3,604	4,035	4,157	4,342	4,140	4,421	4,529	4,321	4,380	4,787
Black	1,174	1,182	1,185	1,196	1,305	1,372	1,361	1,259	1,309	1,528	1,296	1,338	1,489
Native American	12	16	14	16	20	16	18	28	31	24	32	29	23
Asian	*	*	11	13	22	37	38	40	40	51	67	73	79
†Hispanic													
†Non-Hispanic													
All	4,768	4,872	4,744	4,829	5,382	5,582	5,759	5,467	5,801	6,132	5,716	5,820	6,378
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	35	39	46	46	44	45	50	38	38	45	60	34	38
20-29	128	171	145	165	125	142	153	154	152	170	160	172	154
30-39	436	461	453	492	434	424	452	426	436	416	432	394	381
40-49	580	566	626	654	661	654	767	733	857	869	869	913	903
50-59	803	833	844	852	901	939	990	1,137	1,099	1,277	1,338	1,364	1,416
60-64	689	656	596	658	681	649	707	737	752	784	857	860	843
65-69	931	942	943	976	984	1,002	996	1,079	1,079	1,107	1,159	1,137	1,150
70-79	1,977	1,983	2,103	2,335	2,467	2,610	2,745	2,901	2,966	2,986	2,999	3,086	3,037
80+	918	935	1,074	1,212	1,354	1,535	1,694	1,806	2,008	2,177	2,310	2,356	2,441
0-19	35	39	46	46	44	45	50	38	38	45	60	34	38
20-44	845	894	923	971	856	887	972	902	972	955	974	968	902
45-64	1,791	1,793	1,741	1,850	1,946	1,921	2,097	2,285	2,324	2,561	2,682	2,735	2,795
65-74	1,987	1,995	2,094	2,172	2,188	2,296	2,318	2,452	2,497	2,502	2,567	2,576	2,593
75+	1,839	1,865	2,026	2,351	2,617	2,851	3,117	3,334	3,556	3,768	3,901	4,003	4,035
Male	3,522	3,610	3,703	4,075	4,177	4,392	4,617	5,031	5,227	5,437	5,702	5,792	5,865
Female	2,975	2,976	3,127	3,315	3,474	3,608	3,937	3,980	4,160	4,394	4,482	4,524	4,498
White	4,794	4,811	5,036	5,380	5,744	6,057	6,308	6,730	7,041	7,396	7,585	7,656	7,761
Black	1,568	1,618	1,662	1,846	1,733	1,757	1,998	2,048	2,114	2,188	2,339	2,376	2,328
Native American	46	37	26	37	46	37	50	54	49	61	61	61	57
Asian	89	120	106	127	128	149	198	179	183	186	199	223	217
†Hispanic				404	450	458	577	571	1,134	618	676	612	671
†Non-Hispanic				7,011	7,235	7,586	8,040	8,507	17,752	9,270	9,576	9,776	9,760
All	6,497	6,586	6,830	7,390	7,651	8,000	8,554	9,011	9,387	9,831	10,184	10,316	10,363

Table H.4.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	1,028	1,059	1,129	1,184	1,179	1,181	1,197	1,201	1,248	1,338	1,390	1,421	1,418
20-29	3,408	3,562	3,795	3,962	4,306	4,463	4,478	4,595	4,785	5,096	5,421	5,672	5,915
30-39	5,202	5,778	6,407	7,031	7,734	8,364	8,803	9,305	9,944	10,710	11,585	12,366	13,366
40-49	6,641	7,241	7,897	8,506	9,800	10,340	10,757	11,356	12,289	13,720	15,328	17,094	19,213
50-59	9,972	11,131	12,378	13,514	14,715	15,522	16,165	16,777	17,588	18,723	20,198	22,055	24,266
60-64	4,970	5,682	6,719	7,630	8,931	9,914	10,676	11,230	12,108	12,879	13,880	15,110	16,293
65-69	4,576	5,099	5,753	6,612	8,028	8,996	10,024	11,374	12,845	14,177	15,801	17,648	19,473
70-79	4,437	5,258	6,305	7,666	9,596	11,105	12,679	14,560	16,440	18,512	21,163	24,524	28,397
80+	561	716	926	1,234	1,720	2,051	2,549	3,140	3,771	4,472	5,445	6,627	7,791
0-19	1,028	1,059	1,129	1,184	1,179	1,181	1,197	1,201	1,248	1,338	1,390	1,421	1,418
20-44	11,721	12,714	13,814	14,911	16,608	17,607	18,281	19,289	20,540	22,294	24,308	26,424	28,530
45-64	18,472	20,680	23,381	25,732	28,879	30,995	32,599	33,973	36,174	38,834	42,104	45,875	50,524
65-74	7,557	8,602	9,864	11,602	14,119	15,918	17,800	20,214	22,688	25,196	28,328	32,225	36,352
75+	2,017	2,471	3,119	3,910	5,225	6,234	7,452	8,860	10,367	11,965	14,081	16,573	19,309
Male	22,148	24,619	27,470	30,625	35,076	38,032	40,610	43,470	47,227	51,556	57,134	63,571	70,670
Female	18,647	20,908	23,839	26,714	30,934	33,903	36,720	40,067	43,790	48,071	53,077	58,946	65,463
White	27,895	30,712	34,142	37,547	42,643	45,768	48,716	51,941	55,893	60,391	66,121	72,863	80,181
Black	12,502	14,302	16,448	18,807	22,042	24,548	26,643	29,296	32,412	36,038	40,359	45,303	50,818
Native American	180	235	302	410	536	624	732	845	977	1,127	1,288	1,466	1,698
Asian	218	277	416	575	788	996	1,240	1,455	1,734	2,071	2,442	2,885	3,435
†Hispanic													
†Non-Hispanic													
All	40,795	45,526	51,308	57,339	66,009	71,935	77,330	83,537	91,017	99,626	110,210	122,517	136,133
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,457	1,484	1,453	1,487	1,484	1,449	1,423	1,380	1,362	1,423	1,458	1,469	1,447
20-29	6,174	6,381	6,471	6,584	6,674	6,751	6,869	6,938	6,926	6,863	6,743	6,692	6,664
30-39	14,201	14,941	15,565	15,928	16,162	16,257	16,465	16,926	17,144	17,390	17,568	17,852	17,828
40-49	20,825	22,584	24,238	26,207	27,723	28,992	30,341	31,747	32,731	33,743	34,697	35,584	36,279
50-59	26,348	28,686	31,031	32,857	35,083	37,619	40,654	43,728	46,707	49,837	52,353	54,967	57,494
60-64	17,283	18,330	19,321	20,364	21,320	22,408	23,566	24,856	26,042	27,238	28,690	30,294	31,577
65-69	21,192	22,869	24,134	25,071	26,207	27,349	28,454	29,660	30,613	31,803	32,598	33,509	34,222
70-79	31,734	35,210	38,752	41,674	45,054	48,789	51,916	54,773	56,992	58,898	60,815	61,790	62,602
80+	9,149	10,524	11,824	13,221	14,659	16,396	18,222	20,216	22,390	24,728	27,068	29,054	30,629
0-19	1,457	1,484	1,453	1,487	1,484	1,449	1,423	1,380	1,362	1,423	1,458	1,469	1,447
20-44	30,270	31,817	32,981	34,246	35,136	35,953	36,761	37,804	38,252	38,804	38,925	39,464	39,808
45-64	54,560	59,104	63,645	67,693	71,826	76,073	81,134	86,392	91,298	96,267	101,127	105,926	110,033
65-74	40,163	43,937	47,145	49,425	51,952	54,836	57,205	59,463	61,421	63,318	64,818	66,188	67,279
75+	21,911	24,666	27,565	30,542	33,968	37,698	41,387	45,186	48,574	52,112	55,663	58,165	60,173
Male	77,029	83,984	90,068	95,571	101,802	108,493	115,236	122,449	128,658	135,340	141,333	146,840	151,776
Female	71,333	77,024	82,721	87,822	92,564	97,516	102,674	107,775	112,250	116,584	120,657	124,372	126,965
White	86,341	92,845	98,984	104,029	109,832	116,041	122,248	129,322	135,910	142,050	147,418	152,512	156,880
Black	56,044	61,257	66,061	70,759	75,236	79,892	84,680	89,000	92,282	96,220	100,064	103,566	106,035
Native American	1,925	2,135	2,341	2,557	2,729	2,928	3,200	3,353	3,526	3,705	3,839	3,976	4,151
Asian	4,053	4,770	5,402	6,048	6,570	7,147	7,782	8,549	9,190	9,948	10,669	11,157	11,674
†Hispanic				17,828	20,516	22,587	24,763	27,678	60,382	32,139	34,205	36,289	38,090
†Non-Hispanic				166,338	175,066	184,894	194,766	204,283	425,275	221,945	230,244	237,617	243,629
All	148,363	161,007	172,789	183,393	194,367	206,009	217,909	230,224	240,908	251,924	261,990	271,212	278,741

Table H.4.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	13	12	*	11	14	15	19	17	19	24	19	20
20-29	213	259	353	422	479	525	571	598	649	706	750	810	845
30-39	597	761	998	1,191	1,412	1,627	1,771	1,883	2,042	2,311	2,575	2,772	3,065
40-49	612	753	1,007	1,277	1,620	1,897	2,156	2,492	2,897	3,422	4,021	4,635	5,383
50-59	899	1,221	1,743	2,293	2,821	3,430	3,946	4,426	5,006	5,765	6,823	8,035	9,370
60-64	489	630	924	1,300	1,734	2,164	2,571	2,974	3,580	4,171	4,890	5,807	6,616
65-69	370	500	745	992	1,364	1,766	2,191	2,790	3,393	4,161	4,960	5,956	7,199
70-79	228	351	576	827	1,153	1,532	1,998	2,537	3,078	3,835	4,953	6,298	7,828
80+	17	25	37	73	110	159	218	310	392	465	670	926	1,158
0-19	*	13	12	*	11	14	15	19	17	19	24	19	20
20-44	1,102	1,367	1,808	2,199	2,665	3,045	3,336	3,600	4,006	4,520	5,083	5,662	6,232
45-64	1,708	2,256	3,217	4,284	5,401	6,597	7,678	8,773	10,168	11,855	13,976	16,398	19,047
65-74	537	749	1,160	1,593	2,191	2,841	3,535	4,532	5,446	6,713	8,251	10,148	12,378
75+	78	127	198	298	437	616	872	1,104	1,417	1,748	2,331	3,032	3,807
Male	1,767	2,277	3,126	3,999	5,039	6,166	7,241	8,341	9,653	11,271	13,470	15,932	18,750
Female	1,666	2,235	3,269	4,385	5,666	6,948	8,195	9,688	11,401	13,584	16,196	19,327	22,733
White	2,322	3,000	4,171	5,369	6,715	8,086	9,355	10,742	12,463	14,703	17,597	20,788	24,306
Black	1,065	1,428	2,067	2,762	3,628	4,562	5,448	6,492	7,606	8,952	10,595	12,684	15,014
Native American	43	74	120	173	239	294	372	462	557	675	805	928	1,098
Asian	*	*	37	80	124	172	260	334	428	524	668	859	1,065
†Hispanic													
†Non-Hispanic													
All	3,433	4,513	6,395	8,384	10,705	13,114	15,436	18,029	21,054	24,855	29,665	35,259	41,483
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	20	21	16	*	13	11	*	13	11	*	*	*	*
20-29	864	821	802	775	736	704	682	691	715	705	666	651	634
30-39	3,294	3,492	3,674	3,662	3,658	3,669	3,674	3,787	3,864	3,856	3,815	3,939	4,030
40-49	5,956	6,557	7,162	7,896	8,430	8,821	9,287	9,749	10,163	10,638	11,029	11,466	11,762
50-59	10,518	11,845	13,219	14,441	15,998	17,543	19,173	20,848	22,399	23,960	25,284	26,525	27,833
60-64	7,365	8,117	8,938	9,859	10,775	11,713	12,756	13,634	14,439	15,340	16,210	17,029	17,726
65-69	8,419	9,461	10,512	11,486	12,606	13,731	14,658	15,656	16,501	17,414	18,027	18,693	19,324
70-79	9,308	11,012	12,783	14,702	16,866	19,182	21,169	22,999	24,851	26,325	27,588	28,670	29,409
80+	1,470	1,797	2,110	2,548	3,114	3,759	4,341	5,010	5,855	6,745	7,691	8,449	9,159
0-19	20	21	16	*	13	11	*	13	11	*	*	*	*
20-44	6,657	6,997	7,309	7,514	7,649	7,816	7,951	8,223	8,402	8,575	8,573	8,814	9,073
45-64	21,341	23,836	26,486	29,120	31,947	34,634	37,620	40,487	43,178	45,924	48,433	50,797	52,912
65-74	14,589	16,773	18,926	20,987	23,223	25,580	27,482	29,360	31,135	32,680	33,883	35,094	36,155
75+	4,608	5,497	6,478	7,749	9,364	11,092	12,687	14,305	16,072	17,805	19,423	20,719	21,737
Male	21,329	24,186	27,015	29,971	33,350	37,052	40,546	44,212	47,792	51,490	54,710	57,951	60,975
Female	25,885	28,938	32,200	35,408	38,846	42,080	45,203	48,175	51,006	53,504	55,610	57,483	58,909
White	27,418	30,579	34,051	37,180	41,035	45,028	48,702	52,862	57,028	60,831	63,925	67,029	69,801
Black	17,228	19,503	21,677	24,228	26,806	29,267	31,696	33,600	35,313	37,205	39,008	40,582	41,833
Native American	1,267	1,439	1,586	1,769	1,878	2,040	2,239	2,393	2,533	2,657	2,745	2,854	2,979
Asian	1,302	1,603	1,900	2,203	2,475	2,797	3,111	3,532	3,924	4,301	4,642	4,969	5,271
†Hispanic				9,065	10,900	12,294	13,766	15,687	34,678	18,692	20,087	21,517	22,656
†Non-Hispanic				56,758	62,031	67,724	72,943	77,718	165,066	87,464	91,514	95,326	98,766
All	47,215	53,124	59,214	65,380	72,196	79,132	85,749	92,387	98,798	104,994	110,320	115,433	119,884

Table H.4.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	46	46	47	55	57	57	45	48	52	65	86	99	96
20-29	332	365	405	422	462	489	512	547	576	645	716	808	899
30-39	841	952	1,110	1,289	1,431	1,599	1,717	1,896	2,095	2,328	2,547	2,808	3,068
40-49	1,294	1,512	1,782	2,055	2,393	2,642	2,783	2,925	3,213	3,657	4,195	4,720	5,391
50-59	1,660	2,033	2,556	3,079	3,468	3,791	4,087	4,358	4,705	5,124	5,587	5,999	6,581
60-64	841	1,043	1,411	1,767	2,185	2,529	2,858	3,095	3,347	3,597	3,906	4,272	4,666
65-69	769	977	1,329	1,743	2,229	2,610	2,978	3,440	3,999	4,440	5,100	5,743	6,219
70-79	788	1,112	1,658	2,317	3,018	3,684	4,439	5,341	6,173	7,116	8,279	9,690	11,264
80+	88	156	273	408	601	752	1,022	1,325	1,662	2,043	2,571	3,227	3,906
0-19	46	46	47	55	57	57	45	48	52	65	86	99	96
20-44	1,778	2,039	2,327	2,655	2,959	3,259	3,466	3,743	4,120	4,654	5,229	5,874	6,554
45-64	3,190	3,866	4,936	5,956	6,980	7,791	8,492	9,079	9,817	10,697	11,722	12,733	14,050
65-74	1,320	1,722	2,423	3,230	4,085	4,828	5,583	6,520	7,502	8,438	9,685	11,133	12,478
75+	326	523	837	1,239	1,762	2,218	2,856	3,586	4,332	5,160	6,265	7,527	8,912
Male	3,856	4,756	6,085	7,530	9,052	10,333	11,485	12,812	14,408	16,184	18,479	21,083	23,715
Female	2,804	3,439	4,485	5,605	6,791	7,820	8,957	10,164	11,415	12,830	14,508	16,282	18,375
White	2,840	3,557	4,769	5,988	7,177	8,156	9,248	10,445	11,758	13,226	15,193	17,347	19,562
Black	3,787	4,588	5,712	7,010	8,495	9,776	10,904	12,179	13,631	15,256	17,141	19,198	21,532
Native American	14	21	28	38	48	57	68	72	92	109	129	159	193
Asian	19	29	61	99	123	164	222	279	342	423	524	661	802
†Hispanic													
†Non-Hispanic													
All	6,660	8,195	10,570	13,135	15,842	18,153	20,442	22,976	25,823	29,015	32,987	37,365	42,090
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	90	80	79	64	66	66	66	63	48	39	41	65	56
20-29	992	1,069	1,091	1,099	1,145	1,176	1,233	1,270	1,250	1,214	1,174	1,099	1,073
30-39	3,322	3,512	3,652	3,707	3,789	3,802	3,918	4,096	4,168	4,355	4,479	4,617	4,641
40-49	5,942	6,468	6,994	7,430	7,826	8,209	8,546	8,988	9,235	9,532	9,845	10,188	10,396
50-59	7,195	7,783	8,358	8,628	8,850	9,238	9,891	10,604	11,215	11,916	12,551	13,390	14,111
60-64	4,908	5,176	5,365	5,357	5,401	5,468	5,484	5,689	5,957	6,168	6,485	6,852	7,107
65-69	6,678	7,228	7,362	7,291	7,341	7,364	7,476	7,611	7,631	7,848	8,069	8,234	8,296
70-79	12,636	13,919	15,095	15,569	16,113	16,943	17,665	18,270	18,670	19,040	19,635	19,792	19,879
80+	4,703	5,389	6,039	6,547	7,101	7,809	8,679	9,548	10,473	11,451	12,500	13,509	14,197
0-19	90	80	79	64	66	66	66	63	48	39	41	65	56
20-44	7,159	7,580	7,886	8,183	8,426	8,634	8,944	9,341	9,493	9,698	9,759	9,973	10,088
45-64	15,200	16,428	17,573	18,039	18,584	19,259	20,127	21,306	22,333	23,487	24,776	26,173	27,241
65-74	13,765	14,964	15,623	15,665	15,838	16,106	16,410	16,645	16,773	17,117	17,542	17,727	17,748
75+	10,252	11,573	12,873	13,742	14,717	16,010	17,409	18,784	20,001	21,222	22,662	23,809	24,624
Male	26,255	28,833	30,802	31,735	33,086	34,582	36,285	38,227	39,863	41,698	43,581	45,176	46,316
Female	20,212	21,791	23,232	23,958	24,545	25,493	26,671	27,912	28,784	29,865	31,198	32,571	33,441
White	21,512	23,456	24,940	25,372	26,180	27,287	28,629	30,189	31,556	32,954	34,561	35,971	36,961
Black	23,762	25,776	27,539	28,636	29,648	30,863	32,206	33,618	34,574	35,849	37,233	38,645	39,546
Native American	206	214	236	242	249	259	274	287	282	301	308	320	336
Asian	987	1,179	1,319	1,443	1,553	1,665	1,846	2,045	2,234	2,458	2,677	2,810	2,914
†Hispanic				3,331	3,637	3,947	4,338	4,871	10,628	5,697	6,063	6,438	6,790
†Non-Hispanic				52,502	54,193	56,378	58,898	61,570	127,383	66,271	69,191	71,826	73,551
All	46,467	50,624	54,034	55,693	57,631	60,075	62,956	66,139	68,647	71,563	74,779	77,747	79,757

Table H.4.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	388	396	431	440	441	442	445	449	458	502	513	525	524
20-29	1,327	1,351	1,454	1,513	1,634	1,676	1,661	1,716	1,761	1,859	1,976	2,024	2,086
30-39	1,625	1,805	2,012	2,266	2,500	2,738	2,862	3,000	3,164	3,274	3,479	3,600	3,826
40-49	1,451	1,588	1,774	1,976	2,333	2,490	2,622	2,742	2,963	3,246	3,553	3,872	4,241
50-59	1,642	1,843	2,070	2,282	2,578	2,759	2,852	2,944	2,980	3,087	3,130	3,285	3,525
60-64	725	840	1,059	1,249	1,437	1,640	1,741	1,786	1,869	1,878	1,923	1,942	1,930
65-69	622	697	822	967	1,208	1,343	1,550	1,748	1,905	2,004	2,148	2,303	2,373
70-79	527	649	824	1,095	1,375	1,618	1,882	2,131	2,400	2,613	2,859	3,196	3,536
80+	54	77	127	172	228	298	373	472	520	612	729	865	969
0-19	388	396	431	440	441	442	445	449	458	502	513	525	524
20-44	3,707	3,972	4,343	4,761	5,315	5,679	5,879	6,181	6,477	6,837	7,336	7,751	8,216
45-64	3,063	3,456	4,026	4,525	5,167	5,625	5,860	6,007	6,259	6,506	6,725	6,972	7,394
65-74	977	1,114	1,350	1,680	2,091	2,366	2,716	3,053	3,383	3,565	3,867	4,187	4,440
75+	227	309	424	554	721	893	1,090	1,298	1,441	1,664	1,869	2,176	2,437
Male	4,938	5,435	6,225	7,050	8,109	8,828	9,350	9,875	10,409	11,024	11,783	12,581	13,459
Female	3,424	3,812	4,348	4,909	5,625	6,178	6,639	7,113	7,610	8,051	8,526	9,031	9,551
White	6,336	6,945	7,837	8,706	9,837	10,600	11,206	11,792	12,395	12,893	13,520	14,314	15,077
Black	1,877	2,116	2,507	2,953	3,470	3,894	4,212	4,582	4,937	5,402	5,927	6,357	6,863
Native American	58	67	71	97	132	141	152	161	172	174	179	192	211
Asian	90	119	158	205	295	371	420	454	515	605	683	749	859
†Hispanic													
†Non-Hispanic													
All	8,362	9,247	10,573	11,959	13,734	15,005	15,989	16,989	18,019	19,075	20,309	21,612	23,010
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	542	563	532	551	553	529	525	481	483	482	494	469	463
20-29	2,172	2,293	2,374	2,462	2,489	2,532	2,577	2,557	2,500	2,455	2,396	2,418	2,367
30-39	3,990	4,124	4,268	4,469	4,564	4,532	4,552	4,633	4,628	4,641	4,689	4,719	4,660
40-49	4,575	4,931	5,218	5,608	5,893	6,101	6,266	6,389	6,441	6,493	6,514	6,475	6,520
50-59	3,724	3,897	4,109	4,285	4,549	4,847	5,158	5,468	5,791	6,164	6,318	6,495	6,686
60-64	1,938	2,034	2,048	2,110	2,136	2,139	2,163	2,231	2,271	2,293	2,386	2,529	2,535
65-69	2,444	2,454	2,522	2,499	2,474	2,467	2,504	2,491	2,474	2,407	2,340	2,387	2,397
70-79	3,831	4,130	4,407	4,565	4,817	5,029	5,129	5,166	5,028	4,969	4,909	4,666	4,518
80+	1,048	1,214	1,367	1,509	1,619	1,748	1,819	1,949	2,046	2,154	2,237	2,273	2,312
0-19	542	563	532	551	553	529	525	481	483	482	494	469	463
20-44	8,604	8,984	9,310	9,742	9,939	10,056	10,175	10,254	10,180	10,225	10,173	10,204	10,147
45-64	7,794	8,295	8,707	9,191	9,692	10,097	10,542	11,025	11,451	11,822	12,129	12,432	12,622
65-74	4,699	4,878	5,072	5,127	5,119	5,200	5,264	5,245	5,165	5,031	4,845	4,767	4,710
75+	2,624	2,921	3,224	3,446	3,791	4,043	4,188	4,361	4,383	4,499	4,642	4,559	4,516
Male	14,215	15,045	15,692	16,370	17,071	17,642	18,157	18,526	18,717	18,985	19,097	19,195	19,325
Female	10,049	10,595	11,153	11,686	12,023	12,282	12,537	12,840	12,945	13,074	13,186	13,237	13,133
White	15,678	16,420	17,019	17,534	17,980	18,281	18,511	18,685	18,746	18,794	18,752	18,735	18,695
Black	7,369	7,840	8,281	8,854	9,326	9,741	10,173	10,593	10,771	11,022	11,199	11,338	11,343
Native American	238	260	281	297	329	354	385	375	396	417	438	449	457
Asian	979	1,121	1,263	1,371	1,459	1,548	1,624	1,713	1,748	1,826	1,895	1,909	1,963
†Hispanic				2,593	2,889	3,083	3,196	3,365	6,996	3,536	3,648	3,740	3,826
†Non-Hispanic				25,544	26,326	26,990	27,672	28,192	56,774	28,790	28,940	29,010	28,975
All	24,264	25,640	26,845	28,056	29,095	29,925	30,693	31,366	31,662	32,058	32,283	32,432	32,458

Table H.4.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	585	605	640	679	671	667	692	684	721	752	768	777	779
20-29	1,536	1,588	1,583	1,606	1,731	1,773	1,734	1,734	1,798	1,886	1,979	2,030	2,085
30-39	2,138	2,260	2,287	2,284	2,391	2,400	2,453	2,525	2,642	2,797	2,984	3,186	3,408
40-49	3,284	3,388	3,333	3,198	3,454	3,309	3,196	3,196	3,216	3,394	3,559	3,867	4,199
50-59	5,770	6,034	6,009	5,860	5,849	5,542	5,280	5,049	4,898	4,747	4,658	4,736	4,790
60-64	2,916	3,169	3,326	3,313	3,574	3,581	3,506	3,375	3,312	3,234	3,161	3,090	3,080
65-69	2,814	2,925	2,857	2,910	3,227	3,277	3,305	3,397	3,547	3,572	3,594	3,646	3,682
70-79	2,893	3,146	3,248	3,427	4,050	4,271	4,360	4,550	4,789	4,948	5,072	5,339	5,769
80+	402	457	488	582	780	842	936	1,033	1,198	1,353	1,475	1,610	1,758
0-19	585	605	640	679	671	667	692	684	721	752	768	777	779
20-44	5,133	5,335	5,335	5,295	5,669	5,623	5,600	5,765	5,937	6,282	6,660	7,137	7,529
45-64	10,512	11,103	11,203	10,967	11,331	10,983	10,569	10,114	9,929	9,775	9,681	9,772	10,033
65-74	4,723	5,016	4,932	5,099	5,752	5,882	5,967	6,108	6,356	6,480	6,524	6,756	7,055
75+	1,387	1,512	1,661	1,820	2,305	2,507	2,635	2,871	3,177	3,393	3,616	3,838	4,153
Male	11,587	12,150	12,034	12,046	12,876	12,705	12,535	12,441	12,757	13,077	13,402	13,975	14,746
Female	10,753	11,421	11,737	11,814	12,851	12,957	12,928	13,102	13,364	13,605	13,847	14,306	14,803
White	16,397	17,210	17,365	17,484	18,915	18,926	18,907	18,963	19,278	19,568	19,810	20,414	21,235
Black	5,773	6,169	6,162	6,082	6,449	6,316	6,079	6,043	6,239	6,427	6,696	7,065	7,410
Native American	65	73	83	102	117	132	139	149	156	168	176	186	195
Asian	105	119	161	192	246	289	338	388	449	518	567	616	708
†Hispanic													
†Non-Hispanic													
All	22,340	23,571	23,771	23,860	25,727	25,662	25,463	25,543	26,121	26,682	27,249	28,281	29,549
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	805	820	826	863	852	843	823	822	820	893	914	925	922
20-29	2,146	2,197	2,204	2,248	2,304	2,339	2,377	2,420	2,461	2,488	2,506	2,523	2,589
30-39	3,595	3,813	3,971	4,090	4,151	4,253	4,321	4,409	4,484	4,537	4,585	4,577	4,497
40-49	4,351	4,627	4,864	5,273	5,574	5,862	6,242	6,621	6,893	7,081	7,309	7,455	7,600
50-59	4,911	5,162	5,346	5,502	5,687	5,991	6,432	6,808	7,302	7,797	8,200	8,558	8,863
60-64	3,071	3,003	2,970	3,037	3,008	3,087	3,163	3,302	3,375	3,437	3,608	3,884	4,210
65-69	3,651	3,726	3,738	3,795	3,787	3,787	3,817	3,902	4,006	4,134	4,161	4,195	4,205
70-79	5,959	6,148	6,468	6,839	7,258	7,635	7,954	8,339	8,443	8,564	8,684	8,661	8,796
80+	1,927	2,124	2,308	2,617	2,824	3,081	3,382	3,709	4,016	4,379	4,641	4,822	4,961
0-19	805	820	826	863	852	843	823	822	820	893	914	925	922
20-44	7,850	8,256	8,476	8,807	9,122	9,447	9,690	9,986	10,178	10,306	10,420	10,472	10,500
45-64	10,225	10,546	10,879	11,344	11,603	12,084	12,845	13,574	14,337	15,034	15,788	16,525	17,258
65-74	7,110	7,322	7,523	7,646	7,773	7,951	8,049	8,214	8,347	8,490	8,549	8,600	8,665
75+	4,427	4,675	4,991	5,604	6,096	6,553	7,104	7,736	8,118	8,586	8,937	9,078	9,296
Male	15,230	15,920	16,559	17,495	18,296	19,217	20,248	21,485	22,285	23,168	23,945	24,518	25,161
Female	15,187	15,700	16,136	16,769	17,150	17,661	18,263	18,847	19,515	20,142	20,663	21,082	21,482
White	21,733	22,391	22,974	23,943	24,636	25,445	26,405	27,586	28,579	29,471	30,181	30,776	31,424
Black	7,685	8,139	8,564	9,041	9,455	10,021	10,604	11,189	11,624	12,144	12,624	13,001	13,313
Native American	214	222	237	249	272	275	302	298	313	331	348	353	380
Asian	784	868	920	1,030	1,082	1,137	1,200	1,259	1,284	1,364	1,455	1,469	1,526
†Hispanic				2,839	3,090	3,264	3,463	3,755	8,080	4,214	4,406	4,595	4,818
†Non-Hispanic				31,535	32,516	33,801	35,254	36,803	76,053	39,422	40,599	41,455	42,337
All	30,417	31,620	32,695	34,264	35,445	36,878	38,511	40,332	41,800	43,309	44,608	45,600	46,642

Table H.4.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	1,515	1,591	1,675	1,762	1,797	1,783	1,801	1,807	1,830	1,938	1,972	2,009	2,026
20-29	4,523	4,754	5,117	5,363	5,805	6,014	6,177	6,217	6,413	6,797	7,191	7,485	7,734
30-39	6,756	7,529	8,407	9,177	10,078	10,939	11,688	12,224	12,994	13,939	14,985	15,881	17,093
40-49	8,429	9,222	10,013	10,898	12,388	13,241	13,935	14,833	15,920	17,735	19,683	21,913	24,503
50-59	12,678	14,174	15,749	17,145	18,562	19,745	20,732	21,608	22,809	24,317	26,171	28,428	31,160
60-64	6,512	7,376	8,670	9,952	11,495	12,804	13,927	14,684	15,914	16,979	18,296	19,945	21,433
65-69	6,153	6,787	7,627	9,040	10,609	11,965	13,456	15,272	17,172	19,080	21,260	23,642	25,992
70-79	6,190	7,336	8,772	11,015	13,255	15,547	17,729	20,306	22,845	25,917	29,409	33,951	39,353
80+	862	1,080	1,436	1,916	2,540	3,130	3,813	4,632	5,641	6,717	8,017	9,718	11,385
0-19	1,515	1,591	1,675	1,762	1,797	1,783	1,801	1,807	1,830	1,938	1,972	2,009	2,026
20-44	15,220	16,605	18,122	19,568	21,669	23,073	24,352	25,506	26,941	29,118	31,606	34,131	36,645
45-64	23,678	26,450	29,834	32,967	36,659	39,670	42,107	44,060	47,109	50,649	54,720	59,521	65,278
65-74	10,235	11,597	13,316	16,104	18,885	21,530	24,210	27,496	30,680	34,303	38,431	43,580	49,132
75+	2,970	3,606	4,519	5,867	7,519	9,112	10,788	12,714	14,978	17,411	20,255	23,731	27,598
Male	29,317	32,714	36,505	41,113	46,504	50,961	55,008	58,958	63,796	69,920	77,064	85,261	94,437
Female	24,301	27,135	30,961	35,155	40,025	44,207	48,250	52,625	57,742	63,499	69,920	77,711	86,242
White	37,119	41,033	45,676	50,791	57,076	61,981	66,679	71,275	76,842	83,325	91,098	100,328	110,342
Black	15,987	18,127	20,790	24,130	27,675	31,006	33,911	37,215	41,076	45,886	50,946	56,961	63,700
Native American	237	323	415	562	713	824	963	1,131	1,312	1,519	1,716	1,897	2,197
Asian	275	366	585	785	1,065	1,357	1,705	1,962	2,308	2,689	3,224	3,786	4,440
†Hispanic													
†Non-Hispanic													
All	53,618	59,849	67,466	76,268	86,529	95,168	103,258	111,583	121,538	133,419	146,984	162,972	180,679
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	2,062	2,099	2,091	2,083	2,021	1,994	2,011	1,901	1,914	2,013	2,056	2,035	2,039
20-29	8,016	8,205	8,229	8,292	8,352	8,368	8,450	8,506	8,521	8,421	8,238	8,157	8,154
30-39	18,011	18,927	19,437	19,740	19,926	19,956	20,168	20,575	20,868	21,084	21,204	21,479	21,379
40-49	26,448	28,326	30,275	32,496	34,198	35,690	37,233	38,691	39,920	41,166	42,172	43,130	43,852
50-59	33,710	36,832	39,258	41,313	44,392	47,483	51,179	54,721	58,500	62,217	65,058	67,900	70,762
60-64	22,644	23,858	25,012	26,336	27,564	28,991	30,380	31,918	33,443	34,661	36,625	38,446	39,798
65-69	28,175	30,340	31,562	32,942	34,638	36,126	37,439	38,825	40,135	41,489	42,431	43,381	44,134
70-79	43,666	48,187	52,285	56,505	61,377	66,476	70,889	74,157	77,334	79,569	81,381	82,625	83,597
80+	13,324	15,140	16,931	18,979	21,374	23,955	26,780	29,302	32,387	35,793	38,687	41,212	43,576
0-19	2,062	2,099	2,091	2,083	2,021	1,994	2,011	1,901	1,914	2,013	2,056	2,035	2,039
20-44	38,551	40,282	41,396	42,525	43,391	44,214	45,021	45,997	46,558	47,169	47,137	47,700	48,015
45-64	70,278	75,866	80,815	85,652	91,041	96,274	102,389	108,414	114,694	120,380	126,160	131,412	135,930
65-74	53,960	58,881	62,281	65,588	69,295	73,111	76,128	78,649	81,339	83,519	85,042	86,477	87,646
75+	31,205	34,786	38,497	42,838	48,094	53,446	58,980	63,635	68,517	73,332	77,457	80,741	83,661
Male	102,546	111,064	117,868	125,001	133,397	141,883	150,755	158,896	167,293	175,487	182,340	189,201	195,202
Female	93,510	100,850	107,212	113,685	120,445	127,156	133,774	139,700	145,729	150,926	155,512	159,164	162,089
White	118,495	126,766	133,619	140,753	149,355	157,837	166,453	174,943	183,803	191,590	197,581	203,745	208,897
Black	69,918	76,291	81,639	87,035	92,732	98,502	104,180	108,774	113,358	117,808	122,384	125,848	128,855
Native American	2,445	2,713	2,956	3,229	3,410	3,660	3,997	4,211	4,377	4,597	4,705	4,882	5,062
Asian	5,198	6,144	6,866	7,669	8,345	9,040	9,899	10,668	11,484	12,418	13,182	13,890	14,477
†Hispanic				23,336	26,484	29,097	31,792	35,677	76,446	40,658	43,149	45,477	47,446
†Non-Hispanic				216,553	229,052	241,894	254,902	265,291	554,684	288,517	297,876	306,365	313,470
All	196,056	211,914	225,080	238,686	253,842	269,039	284,529	298,596	313,022	326,413	337,852	348,365	357,291

Table H.4.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	17	22	24	14	21	27	31	29	30	28	35	30	33
20-29	364	457	607	713	825	905	975	997	1,054	1,138	1,164	1,261	1,259
30-39	951	1,206	1,546	1,805	2,150	2,468	2,780	2,855	3,083	3,429	3,734	3,983	4,352
40-49	893	1,150	1,527	1,905	2,374	2,741	3,188	3,649	4,120	4,942	5,653	6,510	7,448
50-59	1,316	1,823	2,575	3,296	4,002	4,884	5,575	6,272	7,051	8,069	9,447	11,001	12,604
60-64	720	944	1,393	1,911	2,504	3,062	3,672	4,216	5,027	5,845	6,838	8,020	9,091
65-69	559	798	1,086	1,503	1,989	2,574	3,221	4,067	4,860	5,961	7,106	8,468	10,021
70-79	348	562	928	1,284	1,771	2,339	3,019	3,749	4,546	5,663	7,256	9,095	11,262
80+	24	39	69	123	185	244	335	470	629	747	1,009	1,408	1,744
0-19	17	22	24	14	21	27	31	29	30	28	35	30	33
20-44	1,736	2,207	2,853	3,393	4,124	4,665	5,230	5,521	6,018	6,767	7,391	8,192	8,855
45-64	2,508	3,373	4,795	6,237	7,731	9,395	10,960	12,468	14,317	16,656	19,445	22,583	25,899
65-74	809	1,202	1,753	2,428	3,238	4,183	5,260	6,609	7,869	9,697	11,882	14,443	17,432
75+	122	197	330	482	707	974	1,315	1,677	2,166	2,674	3,489	4,528	5,595
Male	2,706	3,543	4,782	6,032	7,563	9,227	10,871	12,375	14,205	16,549	19,436	22,753	26,365
Female	2,486	3,458	4,973	6,522	8,258	10,017	11,925	13,929	16,195	19,273	22,806	27,023	31,449
White	3,623	4,804	6,614	8,329	10,379	12,396	14,478	16,440	18,873	22,196	26,142	30,680	35,376
Black	1,502	2,066	2,900	3,854	4,916	6,171	7,406	8,742	10,144	11,951	14,060	16,698	19,556
Native American	60	112	169	250	343	409	518	633	776	939	1,089	1,224	1,441
Asian	*	19	72	121	183	268	394	489	607	736	951	1,174	1,441
†Hispanic													
†Non-Hispanic													
All	5,192	7,001	9,755	12,554	15,821	19,244	22,796	26,304	30,400	35,822	42,242	49,776	57,814
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	32	31	23	18	21	18	19	20	18	15	13	12	*
20-29	1,289	1,227	1,153	1,125	1,066	999	971	969	1,014	977	935	914	887
30-39	4,605	4,918	5,039	4,983	4,942	4,913	4,921	4,990	5,096	5,090	5,027	5,172	5,198
40-49	8,163	8,853	9,571	10,524	11,125	11,629	12,153	12,657	13,107	13,713	14,099	14,619	14,912
50-59	14,092	15,826	17,397	18,972	21,025	22,946	24,986	26,927	28,975	30,660	32,148	33,587	34,950
60-64	9,953	10,892	11,955	13,182	14,249	15,516	16,703	17,763	18,784	19,726	20,853	21,757	22,448
65-69	11,538	12,888	14,174	15,492	17,041	18,382	19,592	20,749	21,873	22,785	23,497	24,188	24,760
70-79	13,278	15,536	17,800	20,504	23,539	26,597	29,373	31,580	34,116	35,752	37,150	38,348	39,187
80+	2,168	2,633	3,139	3,847	4,687	5,642	6,600	7,415	8,637	9,918	11,070	12,037	13,032
0-19	32	31	23	18	21	18	19	20	18	15	13	12	*
20-44	9,371	9,810	10,036	10,213	10,345	10,461	10,586	10,865	11,084	11,247	11,243	11,528	11,711
45-64	28,731	31,906	35,079	38,573	42,062	45,542	49,148	52,441	55,892	58,919	61,819	64,521	66,684
65-74	20,271	23,093	25,784	28,561	31,688	34,628	37,149	39,306	41,653	43,228	44,579	45,734	46,841
75+	6,713	7,964	9,329	11,282	13,579	15,993	18,416	20,438	22,973	25,227	27,138	28,839	30,138
Male	29,809	33,407	36,939	41,109	45,554	50,326	55,053	59,306	64,182	68,447	72,226	76,257	79,649
Female	35,309	39,397	43,312	47,538	52,141	56,316	60,265	63,764	67,438	70,189	72,566	74,377	75,733
White	39,588	43,826	47,981	52,551	57,840	63,119	68,262	73,287	78,783	83,062	86,689	90,399	93,287
Black	22,170	24,997	27,719	30,885	34,157	37,298	40,140	42,222	44,664	46,765	48,870	50,449	51,840
Native American	1,621	1,840	2,036	2,261	2,381	2,576	2,836	3,013	3,144	3,315	3,383	3,521	3,634
Asian	1,739	2,141	2,515	2,950	3,317	3,649	4,080	4,548	5,029	5,494	5,850	6,265	6,621
†Hispanic				12,231	14,467	16,255	18,083	20,578	44,674	23,933	25,698	27,309	28,553
†Non-Hispanic				77,135	84,279	91,589	98,544	103,916	221,468	116,235	120,778	125,151	128,700
All	65,118	72,804	80,251	88,647	97,695	106,642	115,318	123,070	131,620	138,636	144,792	150,634	155,382



Table H.4.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	70	73	76	85	85	92	72	71	81	105	130	156	142
20-29	443	487	549	569	628	670	713	737	766	868	974	1,081	1,177
30-39	1,065	1,206	1,438	1,644	1,821	2,035	2,197	2,413	2,656	2,938	3,167	3,478	3,813
40-49	1,603	1,890	2,232	2,544	2,931	3,259	3,449	3,694	4,001	4,514	5,146	5,778	6,591
50-59	2,116	2,629	3,298	3,881	4,313	4,745	5,072	5,431	5,905	6,392	6,984	7,452	8,205
60-64	1,095	1,384	1,864	2,355	2,795	3,297	3,697	3,997	4,302	4,711	5,069	5,555	5,999
65-69	1,035	1,389	1,883	2,376	2,978	3,447	3,993	4,608	5,357	5,956	6,826	7,610	8,263
70-79	1,126	1,662	2,426	3,346	4,278	5,300	6,256	7,600	8,734	10,142	11,623	13,551	15,718
80+	149	261	464	649	895	1,227	1,557	2,012	2,553	3,131	3,891	4,796	5,792
0-19	70	73	76	85	85	92	72	71	81	105	130	156	142
20-44	2,251	2,601	3,013	3,386	3,757	4,144	4,449	4,814	5,235	5,891	6,576	7,335	8,173
45-64	4,071	4,995	6,368	7,607	8,731	9,862	10,679	11,458	12,395	13,532	14,764	16,009	17,612
65-74	1,796	2,494	3,475	4,467	5,550	6,597	7,610	8,949	10,259	11,568	13,144	15,023	16,874
75+	514	818	1,298	1,904	2,601	3,377	4,196	5,271	6,385	7,661	9,196	10,934	12,899
Male	5,081	6,369	8,256	10,079	11,946	13,789	15,374	17,267	19,358	21,813	24,816	27,999	31,528
Female	3,621	4,612	5,974	7,370	8,778	10,283	11,632	13,296	14,997	16,944	18,994	21,458	24,172
White	3,900	5,046	6,833	8,347	9,862	11,539	12,965	14,810	16,740	18,896	21,607	24,564	27,726
Black	4,757	5,863	7,266	8,915	10,617	12,226	13,646	15,258	17,027	19,152	21,332	23,830	26,694
Native American	21	27	36	52	67	77	85	103	116	148	169	200	243
Asian	24	45	95	135	178	230	310	392	472	561	702	863	1,037
†Hispanic													
†Non-Hispanic													
All	8,702	10,981	14,230	17,449	20,724	24,072	27,006	30,563	34,355	38,757	43,810	49,457	55,700
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	138	126	113	95	97	95	89	86	65	59	59	97	82
20-29	1,299	1,374	1,367	1,359	1,393	1,451	1,492	1,527	1,529	1,479	1,406	1,313	1,294
30-39	4,059	4,291	4,355	4,428	4,463	4,488	4,639	4,809	4,920	5,106	5,261	5,376	5,419
40-49	7,180	7,786	8,338	8,722	9,206	9,625	10,000	10,473	10,789	11,139	11,518	11,831	12,111
50-59	8,808	9,701	10,077	10,277	10,672	11,084	11,907	12,643	13,456	14,351	15,041	15,912	16,739
60-64	6,311	6,617	6,725	6,627	6,806	6,853	6,913	7,160	7,462	7,598	8,119	8,516	8,794
65-69	8,835	9,544	9,391	9,339	9,453	9,596	9,623	9,745	9,868	10,142	10,360	10,617	10,646
70-79	17,547	19,102	20,178	20,798	21,779	23,013	23,987	24,638	25,195	25,792	26,260	26,431	26,417
80+	6,960	7,865	8,600	9,346	10,356	11,399	12,653	13,884	15,172	16,557	17,927	19,211	20,238
0-19	138	126	113	95	97	95	89	86	65	59	59	97	82
20-44	8,773	9,271	9,464	9,732	9,951	10,249	10,572	10,945	11,157	11,414	11,450	11,634	11,820
45-64	18,884	20,498	21,398	21,681	22,589	23,252	24,379	25,667	26,999	28,259	29,895	31,314	32,537
65-74	18,492	20,036	20,305	20,394	20,730	21,265	21,534	21,755	21,980	22,506	22,820	23,133	23,004
75+	14,850	16,475	17,864	19,089	20,858	22,743	24,729	26,512	28,255	29,985	31,727	33,126	34,297
Male	34,634	37,883	39,382	40,458	42,565	44,543	46,649	48,784	51,013	53,372	55,485	57,438	58,914
Female	26,503	28,523	29,762	30,533	31,660	33,061	34,654	36,181	37,443	38,851	40,466	41,866	42,826
White	30,339	32,800	33,856	34,432	36,068	37,743	39,574	41,516	43,468	45,448	47,218	48,980	50,194
Black	29,264	31,811	33,328	34,454	35,891	37,420	39,016	40,517	41,836	43,333	45,020	46,405	47,511
Native American	258	279	283	292	302	325	339	369	374	370	379	412	427
Asian	1,276	1,516	1,677	1,813	1,964	2,116	2,374	2,563	2,778	3,072	3,334	3,507	3,608
†Hispanic				4,318	4,637	5,021	5,518	6,266	13,402	7,213	7,642	8,059	8,447
†Non-Hispanic				66,881	69,863	72,909	76,142	79,097	164,428	85,506	88,918	91,900	93,985
All	61,137	66,406	69,144	70,991	74,225	77,604	81,303	84,965	88,456	92,223	95,951	99,304	101,740

Table H.4.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	555	595	648	672	692	664	670	697	697	756	743	750	763
20-29	1,699	1,750	1,911	1,980	2,139	2,165	2,219	2,251	2,286	2,400	2,565	2,610	2,656
30-39	1,993	2,261	2,532	2,859	3,118	3,400	3,572	3,754	3,913	4,040	4,320	4,459	4,653
40-49	1,764	1,955	2,202	2,462	2,867	3,086	3,237	3,427	3,679	3,966	4,363	4,733	5,136
50-59	1,991	2,277	2,594	2,811	3,149	3,336	3,512	3,620	3,715	3,840	3,911	4,050	4,322
60-64	874	1,058	1,320	1,548	1,794	2,001	2,149	2,218	2,331	2,322	2,414	2,456	2,424
65-69	776	886	1,087	1,235	1,531	1,716	1,962	2,221	2,426	2,537	2,725	2,921	2,961
70-79	706	891	1,155	1,488	1,841	2,179	2,515	2,831	3,154	3,491	3,795	4,187	4,687
80+	76	111	200	248	320	439	529	647	745	886	1,039	1,214	1,351
0-19	555	595	648	672	692	664	670	697	697	756	743	750	763
20-44	4,611	5,012	5,534	6,078	6,710	7,124	7,463	7,830	8,121	8,502	9,194	9,677	10,094
45-64	3,710	4,289	5,025	5,582	6,357	6,864	7,226	7,440	7,803	8,066	8,379	8,631	9,097
65-74	1,237	1,454	1,823	2,191	2,681	3,067	3,501	3,930	4,331	4,613	4,974	5,354	5,674
75+	321	434	619	780	1,011	1,267	1,505	1,769	1,994	2,301	2,585	2,968	3,325
Male	6,178	7,002	8,122	9,121	10,446	11,301	12,133	12,785	13,413	14,208	15,206	16,141	17,092
Female	4,256	4,782	5,527	6,182	7,005	7,685	8,232	8,881	9,533	10,030	10,669	11,239	11,861
White	7,973	8,957	10,209	11,244	12,639	13,581	14,479	15,266	15,993	16,661	17,581	18,487	19,421
Black	2,274	2,587	3,134	3,647	4,271	4,744	5,143	5,605	6,067	6,610	7,191	7,682	8,196
Native American	72	83	96	125	156	173	181	205	220	216	230	244	260
Asian	115	157	210	287	385	488	562	590	666	751	873	967	1,076
†Hispanic													
†Non-Hispanic													
All	10,434	11,784	13,649	15,303	17,451	18,986	20,365	21,666	22,946	24,238	25,875	27,380	28,953
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	787	791	778	772	758	732	717	673	666	673	690	664	638
20-29	2,731	2,868	2,962	3,017	3,078	3,056	3,077	3,065	2,986	2,945	2,877	2,868	2,853
30-39	4,810	4,942	5,104	5,269	5,396	5,370	5,329	5,426	5,408	5,443	5,430	5,479	5,367
40-49	5,553	5,896	6,228	6,677	6,960	7,182	7,329	7,477	7,543	7,615	7,638	7,585	7,553
50-59	4,583	4,811	5,080	5,208	5,495	5,849	6,203	6,523	6,948	7,400	7,513	7,703	7,907
60-64	2,441	2,552	2,560	2,646	2,650	2,665	2,675	2,713	2,787	2,823	2,931	3,115	3,068
65-69	3,080	3,116	3,153	3,179	3,134	3,146	3,173	3,132	3,089	3,026	2,994	2,959	2,986
70-79	4,944	5,367	5,654	5,918	6,190	6,435	6,618	6,558	6,390	6,333	6,172	5,893	5,708
80+	1,448	1,696	1,899	2,057	2,242	2,399	2,550	2,638	2,738	2,944	2,971	3,029	3,067
0-19	787	791	778	772	758	732	717	673	666	673	690	664	638
20-44	10,493	10,859	11,270	11,641	11,863	11,932	11,964	12,060	11,941	12,045	11,918	11,925	11,823
45-64	9,625	10,210	10,664	11,176	11,716	12,190	12,649	13,144	13,731	14,181	14,471	14,825	14,925
65-74	5,956	6,222	6,373	6,544	6,534	6,620	6,674	6,559	6,477	6,346	6,129	5,967	5,894
75+	3,516	3,957	4,333	4,610	5,032	5,360	5,667	5,769	5,740	5,957	6,008	5,914	5,867
Male	17,993	18,943	19,743	20,440	21,209	21,736	22,337	22,658	22,867	23,251	23,306	23,428	23,407
Female	12,384	13,096	13,675	14,303	14,694	15,098	15,334	15,547	15,688	15,951	15,910	15,867	15,740
White	20,086	21,010	21,687	22,349	22,862	23,182	23,424	23,493	23,486	23,795	23,534	23,428	23,237
Black	8,790	9,300	9,842	10,358	10,890	11,343	11,834	12,209	12,512	12,735	12,933	13,066	13,053
Native American	289	318	352	366	398	430	456	461	466	494	513	511	521
Asian	1,212	1,411	1,537	1,670	1,753	1,879	1,957	2,042	2,091	2,178	2,236	2,290	2,336
†Hispanic				3,209	3,524	3,741	3,830	4,037	4,382	4,289	4,368	4,493	4,507
†Non-Hispanic				31,647	32,537	33,273	34,059	34,400	69,298	35,234	35,221	35,210	35,054
All	30,377	32,039	33,418	34,743	35,903	36,834	37,671	38,205	38,555	39,202	39,216	39,295	39,147

Table H.4.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	873	901	927	991	999	1,000	1,028	1,010	1,022	1,049	1,064	1,073	1,088
20-29	2,017	2,060	2,050	2,101	2,213	2,274	2,270	2,232	2,307	2,391	2,488	2,533	2,642
30-39	2,747	2,856	2,891	2,869	2,989	3,036	3,139	3,202	3,342	3,532	3,764	3,961	4,275
40-49	4,169	4,227	4,052	3,987	4,216	4,155	4,061	4,063	4,120	4,313	4,521	4,892	5,328
50-59	7,255	7,445	7,282	7,157	7,098	6,780	6,573	6,285	6,138	6,016	5,829	5,925	6,029
60-64	3,823	3,990	4,093	4,138	4,402	4,444	4,409	4,253	4,254	4,101	3,975	3,914	3,919
65-69	3,783	3,714	3,571	3,926	4,111	4,228	4,280	4,376	4,529	4,626	4,603	4,643	4,747
70-79	4,010	4,221	4,263	4,897	5,365	5,729	5,939	6,126	6,411	6,621	6,735	7,118	7,686
80+	613	669	703	896	1,140	1,220	1,392	1,503	1,714	1,953	2,078	2,300	2,498
0-19	873	901	927	991	999	1,000	1,028	1,010	1,022	1,049	1,064	1,073	1,088
20-44	6,622	6,785	6,722	6,711	7,078	7,140	7,210	7,341	7,567	7,958	8,445	8,927	9,523
45-64	13,389	13,793	13,646	13,541	13,840	13,549	13,242	12,694	12,594	12,395	12,132	12,298	12,670
65-74	6,393	6,447	6,265	7,018	7,416	7,683	7,839	8,008	8,221	8,425	8,431	8,760	9,152
75+	2,013	2,157	2,272	2,701	3,200	3,494	3,772	3,997	4,433	4,775	4,985	5,301	5,779
Male	15,352	15,800	15,345	15,881	16,549	16,644	16,630	16,531	16,820	17,350	17,606	18,368	19,452
Female	13,938	14,283	14,487	15,081	15,984	16,222	16,461	16,519	17,017	17,252	17,451	17,991	18,760
White	21,623	22,226	22,020	22,871	24,196	24,465	24,757	24,759	25,236	25,572	25,768	26,597	27,819
Black	7,454	7,611	7,490	7,714	7,871	7,865	7,716	7,610	7,838	8,173	8,363	8,751	9,254
Native American	84	101	114	135	147	165	179	190	200	216	228	229	253
Asian	129	145	208	242	319	371	439	491	563	641	698	782	886
†Hispanic													
†Non-Hispanic													
All	29,290	30,083	29,832	30,962	32,533	32,866	33,091	33,050	33,837	34,602	35,057	36,359	38,212
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,105	1,151	1,177	1,198	1,145	1,149	1,186	1,122	1,165	1,266	1,294	1,262	1,311
20-29	2,697	2,736	2,747	2,791	2,815	2,862	2,910	2,945	2,992	3,020	3,020	3,062	3,120
30-39	4,537	4,776	4,939	5,060	5,125	5,185	5,279	5,350	5,444	5,445	5,486	5,452	5,395
40-49	5,552	5,791	6,138	6,573	6,907	7,254	7,751	8,084	8,481	8,699	8,917	9,095	9,276
50-59	6,227	6,494	6,704	6,856	7,200	7,604	8,083	8,628	9,121	9,806	10,356	10,698	11,166
60-64	3,939	3,797	3,772	3,881	3,859	3,957	4,089	4,282	4,410	4,514	4,722	5,058	5,488
65-69	4,722	4,792	4,844	4,932	5,010	5,002	5,051	5,199	5,305	5,536	5,580	5,617	5,742
70-79	7,897	8,182	8,653	9,285	9,869	10,431	10,911	11,381	11,633	11,692	11,799	11,953	12,285
80+	2,748	2,946	3,293	3,729	4,089	4,515	4,977	5,365	5,840	6,374	6,719	6,935	7,239
0-19	1,105	1,151	1,177	1,198	1,145	1,149	1,186	1,122	1,165	1,266	1,294	1,262	1,311
20-44	9,914	10,342	10,626	10,939	11,232	11,572	11,899	12,127	12,376	12,463	12,526	12,613	12,661
45-64	13,038	13,252	13,674	14,222	14,674	15,290	16,213	17,162	18,072	19,021	19,975	20,752	21,784
65-74	9,241	9,530	9,819	10,089	10,343	10,598	10,771	11,029	11,229	11,439	11,514	11,643	11,907
75+	6,126	6,390	6,971	7,857	8,625	9,350	10,168	10,916	11,549	12,163	12,584	12,862	13,359
Male	20,110	20,831	21,804	22,994	24,069	25,278	26,716	28,148	29,231	30,417	31,323	32,078	33,232
Female	19,314	19,834	20,463	21,311	21,950	22,681	23,521	24,208	25,160	25,935	26,570	27,054	27,790
White	28,482	29,130	30,095	31,421	32,585	33,793	35,193	36,647	38,066	39,285	40,140	40,938	42,179
Black	9,694	10,183	10,750	11,338	11,794	12,441	13,190	13,826	14,346	14,975	15,561	15,928	16,451
Native American	277	276	285	310	329	329	366	368	393	418	430	438	480
Asian	971	1,076	1,137	1,236	1,311	1,396	1,488	1,515	1,586	1,674	1,762	1,828	1,912
†Hispanic				3,578	3,856	4,080	4,361	4,796	9,988	5,223	5,441	5,616	5,939
†Non-Hispanic				40,890	42,373	44,123	46,157	47,878	99,490	51,542	52,959	54,104	55,731
All	39,424	40,665	42,267	44,305	46,019	47,959	50,237	52,356	54,391	56,352	57,893	59,132	61,022

Table H.4.4 (supplement)

**Annual mortality rates: dialysis patients, unadjusted**

per 1,000 patient years at risk, period prevalent patients, 2005, by age as of January 1, gender, race, &amp; primary diagnosis

DIABETES	Male					Female					All				
	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All
0-19	74.7	66.7	50	37.6	74.7	86.8	74	52.9	42	77.2	77.9	74	51.4	39.8	76.2
20-29	107.6	95.6	73.4	56.9	100	126.3	110	75.9	65.7	114	117.4	104.8	75.5	61.1	108
30-39	137.2	102.5	86.6	66.3	122	152.4	119.8	89.2	71.9	134	143.5	110.8	88.2	68.9	127
40-49	165.4	126.6	111.1	104.3	149	177.8	141.2	122.2	103.8	158	170	133.2	116.2	104.1	152
50-59	197.4	149.5	148.2	128.3	176	204.2	159.9	145.4	132.4	181	200.2	154.6	146.8	129.9	179
60-64	250.1	183.4	183.7	160.2	222	244.5	191.3	173.5	163.5	218	247.6	187.5	178.3	161.5	221
65-69	289.1	217.9	226.9	208	262	289.6	221.3	216	189.4	256	289.3	219.9	220.4	199.3	259
70-79	389	290.6	297	265.3	356	367.5	284.6	270.5	272.8	331	378.2	286.9	279.9	269.3	342
80+	532.9	430.6	440.6	390.9	505	495.2	418.7	387.6	376.3	462	514.4	422.6	403.6	382.7	481
All	284.7	197.1	185	197.7	251	293.7	220.9	192.5	215.9	259	288.8	210.1	189.2	206.2	255
<b>HYPERTENSION</b>															
0-19	28.3	27.1	26.7	13	27.3	32	28.5	27.2	14	30.2	29.8	27.7	26.7	13	28.5
20-29	44.2	39.8	44.3	22.4	40.3	49.8	43.7	44.5	23.9	44.6	46.4	41.3	44.4	22.9	41.9
30-39	53.9	47.2	58.7	31.2	48.3	58.6	52.7	56.8	31	53.3	55.3	48.9	58	31.1	49.9
40-49	94.9	83.5	94.6	49.3	85.4	94.4	87.6	93.9	50.1	87.8	94.8	84.9	94.4	49.7	86.2
50-59	146.6	123.6	146.2	77.9	129	147.5	119.1	128.3	76.8	126	146.9	122	140.1	77.4	128
60-64	214.8	161.6	213.4	111.5	182	211.6	157.9	180.8	112.5	177	213.5	160	196.4	111.9	180
65-69	266.9	196.1	266.7	172.7	231	260.6	192.9	253.2	149.9	221	264.3	194.5	260.2	163.3	226
70-79	332.5	286.7	386.4	232.8	316	335.3	276.1	354.5	226.5	307	333.6	280.9	367.8	229.6	312
80+	482.9	451.4	619.8	382.2	474	473.9	402.2	560.5	352.4	448	479	420.1	586.9	367.4	461
All	305.3	152.9	216.1	183.2	226	319.2	188.1	248.4	190.1	247	311	167.9	230.7	186.4	235
<b>GLOMERULONEPHRITIS</b>															
0-19	24.2	25.8	19.7	10	24	25.7	25.9	19.1	10.3	25.2	24.9	25.9	19.4	10.1	24.6
20-29	37.5	37.7	33.3	17.4	36.1	45.2	39.5	30.8	17.8	40.8	40.5	38.4	32.3	17.5	38
30-39	46.5	48	43.3	23.2	45.8	50.4	43.9	40.5	22.6	44.8	48.1	46.2	41.8	22.9	45.4
40-49	85.8	88.8	67.2	37.3	84.4	74.2	75.4	63.1	35.1	71.7	81.5	83.6	65.4	36.3	79.5
50-59	126.5	123.5	97.7	55.1	121	115.4	97.4	91.6	54.5	103	122.2	113.8	94.9	54.8	114
60-64	153	154.3	140	81.3	150	162.1	132.1	126.1	77.3	147	156.5	145.1	133.9	79.4	149
65-69	208.3	188	190.3	115	199	205.2	166	166.4	108.8	188	207.1	177.5	181	112.3	194
70-79	279.4	243.6	266.8	192.3	269	261.5	239.6	233.5	152.4	249	272.1	241.5	248.3	172.9	261
80+	407	368.5	429.7	270.3	397	417.3	341.9	360.6	262.3	396	410.9	354.9	387.6	266.7	397
All	167.4	106.5	98.5	80.1	141	162.3	99.6	95	72.8	133	165.4	103.7	96.9	76.6	138
<b>OTHER</b>															
0-19	37.4	46.8	30.6	19.3	39.7	41.7	50.3	30	19.8	43.6	39.2	48.3	30.2	19.5	41.4
20-29	53.9	75	48.7	31.1	60.1	56.7	75.9	47.4	31.4	63.2	55.2	75.5	48.2	31.3	61.6
30-39	69.6	99.9	61.1	41.9	80.5	73.5	93.7	58.7	41.2	81	71.4	96.6	59.9	41.5	80.8
40-49	115.3	137.9	95.3	62.2	123	103.7	115.5	84.9	65.1	107	110.1	127.2	89.9	63.9	116
50-59	163.2	168.2	129.7	90.8	163	148.9	144.5	118	89.8	145	156.5	157.4	124.3	90.3	155
60-64	212.6	208.6	177.9	123.6	209	202.2	209	164.8	128.5	201	207.8	208.8	172.1	126.2	205
65-69	279.3	268.4	246.3	174.5	273	263.4	249.9	212	163.8	256	272	259	229.6	169.1	265
70-79	352.8	338.5	324.7	252	348	349.9	310.7	291.3	224.9	338	351.6	324.4	304.2	238.4	343
80+	504.2	473.9	499	403.7	499	480	465.2	400.6	360.7	473	494.4	469.5	435.6	382.9	488
All	247.7	182.3	150.9	148.7	227	227.4	166.4	155.6	129	205	238.7	174.5	153.2	138.3	217
<b>ALL</b>															
0-19	33.6	38.3	26.8	14.9	34.4	36.3	41.6	26.4	16.2	37.4	34.8	39.7	26.6	15.4	35.7
20-29	50.5	52.7	41.4	23.7	49.9	59.7	64	49.5	27.5	59.9	54.5	58.1	45.1	25.4	54.5
30-39	80.7	64.8	64.8	35.9	70.6	89.1	74.8	67.9	36.3	78.7	84.2	69	66.4	36.1	74
40-49	126.9	102.1	99	65.6	112	125.8	106.1	104.5	64.5	113	126.5	103.7	101.5	65.1	113
50-59	174.2	137.7	142.8	103	155	174.2	139.5	138.8	97	155	174.2	138.5	140.9	100.4	155
60-64	227.8	175.7	182.5	138.2	204	224.9	179.8	171.5	137.7	202	226.5	177.7	176.7	138	203
65-69	275.2	212.5	228.8	187.8	250	274.1	212.5	216.3	171.8	244	274.7	212.5	221.6	180.5	247
70-79	354.2	291	306.5	246.7	334	347.9	281.7	277.4	244.1	320	351.3	285.6	288.1	245.4	327
80+	492.3	443	496.1	376.2	480	477.2	411.5	418.3	356.1	453	485.7	423.1	445.1	365.8	467
All	267	165.9	173.7	167.9	225	271.1	191.7	183.6	171.9	233	268.8	178.3	178.9	169.8	229

Table H.12.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: hemodialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

ALL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-19	55.3	63.1	59.6	80.1	81.7	86.5	86.1	76	67	76.9	96	87.7
20-29	93.3	91.5	87.6	92.3	93.9	94	104.2	106.9	99.1	94	93.7	88.5
30-39	113.8	111.8	117.6	123.3	126.8	133.1	132.5	128.8	126.9	121.2	120.5	116.1
40-49	138.3	142.6	139.2	146.3	151.7	152.5	153.6	149.5	145.9	142.1	145.8	140.3
50-59	175.8	187.7	188.2	196.7	194.7	194	200.7	197.7	190	180.4	182.4	178.9
60-64	237.6	239.6	243.5	255.1	255.7	254.6	256.3	253.5	240.8	234.5	236.7	231.6
65-69	294.5	303.2	301.8	307.1	309.6	297.5	299.5	295.9	287.6	273.6	271.8	266.5
70-79	362.5	363.5	377	389.7	381.3	377.2	376.9	372.7	362.1	347.3	352.1	348.9
80+	535.9	494	517.5	521.7	518.6	495.9	523.1	523.4	482.5	468	476.3	475
0-19	55.1	61	57.8	79.9	82.4	84.2	84.9	76.5	67.4	78.3	103.7	89.2
20-44	114.4	111.8	115.9	120.3	123.3	127.5	131	129	125.5	120.6	121.7	118
45-64	186.5	196.6	197.7	208.7	209.7	209.1	212.8	209.6	200.8	193.6	195.5	190.5
65-74	315.5	321.4	322.1	332.3	331.8	323	323.4	319.5	308.5	295.4	298.3	294.8
75+	436.9	434.5	464.6	461.7	448.5	441.8	449.7	447.3	433.8	418.7	420.9	418.6
Male	259.7	261	264.5	275.8	273.7	271.4	275.5	271.8	258.3	245	246.1	240.9
Female	229.4	229.1	234.2	240.3	237.8	235.6	239.1	235.5	228.4	222.9	228	225.9
White	273.8	273.9	278.7	289.8	285.3	283.5	286.8	281.6	271	261.9	266.7	262.5
Black	192.6	199.9	198.5	206.4	211.5	208.7	215.2	218.4	207	197.3	197.2	196.1
Native American	186	178.5	205.3	216.1	215.6	224.6	204.9	204.7	214.8	196.6	192.7	193.4
Asian	231.7	207.3	252.6	242.5	226.2	222.2	210.8	185.5	181.5	166.6	162.9	149.1
†Hispanic												
†Non-Hispanic												
All	245.2	245.9	250.2	259.2	257.3	255	258.7	255	244.5	234.9	237.6	233.7
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	73.4	63.6	58.2	56.3	55.7	57.7	52.3	55.4	54.3	66.4	53.2	49.6
20-29	81.5	76.8	79.1	76	73.5	71.5	66.8	72.5	74.6	77.1	74.5	76.6
30-39	110	110.9	111.3	107.8	104.3	107.1	100.7	100.5	98.1	95	91.3	91.4
40-49	133.1	132.7	129.5	130.8	128.3	131.5	125.9	126.7	126.3	126.4	122	122.1
50-59	175	172.8	169.7	166.1	164.6	169.5	164	164.5	164.7	163.6	160.3	156.5
60-64	223.5	221.3	220	214.1	215.5	220.1	212.5	211.5	208	212.3	207.8	201.1
65-69	261	260.3	261.1	259.7	261	264.3	256.8	257.5	253.5	253.7	247.1	245.9
70-79	333.6	332.5	335.3	331.5	333.4	342	334.2	333.6	331.2	326.9	322.9	320.5
80+	459.9	467	473.3	472.3	480	503.2	486.1	485.6	478.6	469.8	458.8	458.2
0-19	75.8	65.2	58.9	57.2	55.9	58.5	54.6	56	54.5	66.8	54.4	50
20-44	112.4	112.8	112	109.9	107	108	103	101.7	102.4	101.7	98.5	98.1
45-64	183.6	180.9	178	174.5	173.7	178.3	172	172.6	170.8	171.4	167.5	164.2
65-74	284.7	284.2	285	283.2	284.4	289.9	282.5	282.2	279.8	278.5	273	270.9
75+	405	408.2	414.2	409.4	414.8	429.2	417.7	418.9	414.3	408.6	403.2	403
Male	231.9	229.5	229.8	225.2	224.6	229	221.4	220.5	217.5	216.6	212.7	210.8
Female	218.8	218.7	217.1	217.4	217.8	224.4	217.9	218.6	217.4	215.4	209.6	206.6
White	250.9	247.9	246.2	242.7	243.1	248.2	239.8	238.2	235.9	233.8	227.7	224.8
Black	190.5	192.3	191.8	190.2	189.1	196.7	191.8	195.2	191.9	191.9	189.5	187.8
Native American	187.2	176	189.4	184.6	194.4	198.6	214.3	209	210.9	197.2	187.5	195.9
Asian	157.3	163.2	167.6	165.2	166.8	167.5	156.3	153.2	148.4	148.1	147.4	147.4
†Hispanic			192.3	199.1	205	208.3	199.2	199.6	198.4	199.5	192.6	190.2
†Non-Hispanic			241.2	241.1	244.7	253.6	249.1	251.5	249.8	249.2	245.1	243.3
All	225.6	224.4	223.7	221.2	221.3	226.7	219.6	219.4	217.2	215.7	210.9	208.6

Table H.12.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: hemodialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	103	119.8	110.4	150.1	155.8	161.2	157.8	134.9	119.3	137.3	166	147.4
20-29	166.1	166.3	155.5	166.8	170.8	168.2	186.3	186.3	172.3	162.4	156.3	147.7
30-39	192.3	192.1	199.9	212.1	220.3	226.6	225.1	211.1	206.7	196.4	188.4	177.7
40-49	223.3	233.5	224.9	233.2	245	242.8	240.4	231.7	222.3	216	215.3	203.4
50-59	258.8	282.2	276.3	289	282.8	282.4	287.4	271.7	256.7	239.4	242.2	234.1
60-64	330.3	336.6	335.6	350.5	341.4	338.3	332.8	320.7	303.1	292.9	296.7	281.7
65-69	380.6	397.6	389.6	388.6	394.8	374.9	372.2	363.3	348.8	330.4	322.4	314.4
70-79	436.3	436.2	450.8	470.6	451.4	446.2	438.9	428.3	413.3	395.7	404.4	401.1
80+	582.5	542.6	577.8	566.5	559.8	536.6	587.6	581.6	508.4	494.6	511.6	510.8
0-19	101.7	113.3	105.3	149.3	156.5	153.3	152.2	134.3	118.3	138.7	181.6	146.1
20-44	197	192.8	201.6	211	215.4	217.7	223.3	214.6	206.2	196.9	192.4	182.5
45-64	268	289.5	283.2	298.9	296.9	295.4	294.8	281.9	267.4	255.2	257.6	245.9
65-74	405.6	417	408.2	417.1	416.3	398.4	392.6	383.7	366.7	348.6	350.7	346
75+	487.8	493	546.7	528.2	493.9	499.6	508.6	493.5	473.1	458.3	459.3	455.7
Male	337.5	343.9	345.5	356.9	352.4	347.1	351.2	337.6	317.7	298	300.4	291.4
Female	306.3	310.7	312.9	323.4	321.9	317	316.7	307.8	292.2	286.7	288.2	281.8
White	370.7	374.7	381.7	396.7	390.2	385.8	384.3	369.2	351.2	336.7	340	333.1
Black	221.7	238	225.9	235.3	241.9	237.1	247.6	247	230.1	220.4	220.3	213.6
Native American	210.2	209.4	268.2	243.3	256.2	244.4	244.3	248.3	250.2	233.3	231.9	208.7
Asian	400.3	354.5	377	348	316.4	305.6	310.7	267	242.1	217.3	223.3	187.8
†Hispanic												
†Non-Hispanic												
All	322.8	328.4	330.3	341.1	338.2	333.4	335.4	323.8	306.2	292.7	294.7	286.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	122.2	102.2	94.3	91.7	90.9	93.9	82	88.3	87.6	105.3	82.5	77.6
20-29	135.8	123	128.7	123.9	121.1	116.5	102.6	114.4	120	124.2	115	119
30-39	163.3	164.1	170.7	165.6	161	165.4	153	152.5	152	145.6	137.4	139.4
40-49	191.4	189.7	184.3	184.2	179.7	187	175.2	174	170.1	168	161.4	160.1
50-59	223.2	219.5	215.2	208.1	206.1	212	204	204.8	196.7	194.2	189.8	181.9
60-64	268	263.9	258.8	247.3	250.7	256.2	246.1	240.2	232	234.3	229.5	222.8
65-69	299.6	297.4	299.1	299.1	296.9	299.6	288.1	286.9	278.7	275.5	267.1	260.7
70-79	383.4	374.1	376.1	366.4	369.6	380	366.9	365.3	359.8	353.2	344.8	341.8
80+	493.2	505.2	525.6	515.7	515.3	552.3	526.4	524.9	511.4	500.6	479.2	478.4
0-19	123.3	103.6	93.7	91.7	89.4	93.8	86.6	88.2	86	103.5	83.7	76.7
20-44	171.1	171.7	174.2	171.5	166.5	168.5	158.7	154.3	155.5	153	146.4	145.7
45-64	233.2	229	224.3	216.5	216.5	223.5	213.9	213.1	205	204.2	199.2	193
65-74	329.5	322.6	323	320.1	320.2	325.8	313.8	312.3	306.1	300.8	291.1	285.2
75+	441.4	444.4	456.6	443	444.9	465.4	447	447.4	438.2	431.8	421.3	421.6
Male	277	272.2	276	266.8	264.8	272.8	260.1	259.2	251.9	248.3	240.7	236.8
Female	268.4	265.7	262	259.8	260.7	269.3	257.2	256.6	252.1	249.4	240.1	236.9
White	314.1	307.3	306.8	296.7	295.9	304.6	288.7	286.1	278.5	274.3	265	260.1
Black	204	206.6	205.5	206.7	205.2	215.1	209.4	213.4	209	207.9	201.2	199.9
Native American	202	196.3	211.8	210.1	213.1	215.4	218.1	209.1	215.1	204.6	191.4	188
Asian	202.4	204.8	223.7	217.5	218.9	211.9	195.8	185.8	182.3	179.3	178.3	175.5
†Hispanic			226.2	235.4	245	241.1	229.6	230.3	223.3	223.5	220	217.1
†Non-Hispanic			282.8	275.8	280.2	295	283.4	286	279.5	278.2	270	265.6
All	272.8	269.1	269.6	263.2	262.7	270.9	258.6	257.9	251.8	248.4	240.1	236.6

Table H.12.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: hemodialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	20.7	24.1	25.3	33	32.8	37.1	38.6	37.5	32.6	39.6	52.9	49.5
20-29	40.4	40.3	42.6	44.1	43.7	46	51	57.8	51.8	53	53	51.3
30-39	56.4	56.2	62.3	63.6	63.8	70.8	71.9	75.1	76.9	73.1	78.2	76.2
40-49	78.3	81.1	83.4	85.8	88.4	92.8	95.5	96.5	97.9	96.1	107.1	101.7
50-59	119.3	127	136.1	141.5	142	141.1	152	155.3	155.8	153.8	155.9	151.4
60-64	178	182.4	190.8	204.8	211.6	215.6	216.6	226.2	217.2	220.5	215.7	222.1
65-69	248.2	254.8	260.7	268.1	265.8	262.9	274	269.9	267.3	256.8	259.7	255.9
70-79	320.7	324.1	349.1	367.3	353.3	363.5	366.3	368.8	355.6	342.5	343.3	344.5
80+	542.7	490.3	506	519.6	512.5	504.3	522.5	523.9	500.9	475	477.1	477.7
0-19	21.4	25.2	25.5	34	35.3	39.7	42.6	40.9	36.3	43.5	61.4	57.8
20-44	55.6	57.3	58.8	60.1	64	70.4	73.8	76.7	77.2	74.8	79.9	82.1
45-64	136.1	141.6	151.5	159.8	163.2	165.3	170.7	175.9	173.1	173.3	174.1	171.7
65-74	265.3	270.4	284.2	297.8	292.9	297.4	303.9	303.7	295.4	284	288.8	286.6
75+	423.1	414.6	441.1	452.3	435	438.6	447.6	451.3	435.8	420.9	421.4	424.9
Male	204.5	205.4	213.9	227.8	228.3	229.7	236.3	238.2	229.5	220.5	222.1	216.2
Female	183	181.1	193.9	196.9	190.2	196	201.8	203.8	202.3	199.5	204.4	207.7
White	216.4	216.4	226	237.5	231.4	235.7	245.1	248.1	242.1	237.9	244.2	240.6
Black	158.1	157.5	160.9	167.3	171.6	170.2	175.9	179.3	175.5	168.8	168.1	169.4
Native American	122.2	159.3	154.9	209.2	199.7	218.6	154.1	171.6	181.2	143.1	155.3	180.1
Asian	119.8	114.6	205.5	169.6	172.5	187.1	165.2	147.5	148.1	132.5	114.5	116.6
†Hispanic												
†Non-Hispanic												
All	194.4	194	204.5	213.5	210.7	213.8	220.2	222.2	216.6	210.8	213.6	212.1
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	40.6	37.6	31	29.7	28.9	30.4	29.7	31.7	29.7	37	31.7	29.6
20-29	43.8	46.5	42.4	42.3	39.5	39	39.7	42.9	41.5	43.3	46.4	47.5
30-39	75.2	77.9	70.9	65.7	63.1	65	63.7	64.4	61	60.2	59.1	56.4
40-49	95.6	93.8	90.1	94.7	95.3	95.4	95.1	94.8	94	97.9	93.2	94
50-59	153.4	152	148	142.1	141.4	149.1	141	144.9	148.7	146.6	144	140.6
60-64	210.2	217.4	207.5	199.9	202.9	209.2	203.8	200.4	193.7	200.6	194.2	194.5
65-69	259.5	259.2	257.5	250.6	253.6	255.1	243.6	248.2	248.3	242.4	240.1	240.8
70-79	328.8	330.1	328.5	329.4	331.4	338.1	331.1	327	324.9	320.3	317.3	315
80+	472.7	465.6	465.2	470.8	477.1	488.5	481.2	478.6	474	465.1	457.1	459.7
0-19	48.6	42.4	34.2	33	32.1	33.8	32.4	34.4	33	41.5	34.6	32.4
20-44	78.3	76.7	69.4	69.4	68	67.4	64.9	66	66.2	67.5	67	65.5
45-64	165.7	167.9	161.7	156.5	156.8	162.9	157.5	157.4	155.6	157.6	152.6	151.8
65-74	282.4	284.5	282.9	278.7	279.9	284.8	275.7	274.1	273.1	269.2	269.7	268.4
75+	412.4	408.4	408.4	412.8	417.6	426	420.9	419.6	417.6	410.4	404.1	406
Male	210.1	208.1	203.8	201	204.2	207.4	200.2	199.1	197.6	197.7	195	195
Female	203.6	206.1	202.6	202.3	199.8	205.9	201.9	203.4	202.9	200.1	195.4	193.1
White	232.2	230.9	225.2	223.2	223.1	226.7	220.3	219.6	218.7	216.7	211.6	209.2
Black	167.6	169.8	168.9	167.3	168.9	176.1	171.6	173.2	172.6	172.5	171.4	170.8
Native American	195	159.8	183.4	154.1	182.9	187.4	223.6	238.6	223.5	200.6	193.4	223.5
Asian	121.4	139.9	132.1	133.6	138.8	139.1	127.8	126.3	121.4	125.8	127.7	134.6
†Hispanic			194.6	205.8	197.3	199.1	191.4	193.3	201.5	193.9	187.1	176.8
†Non-Hispanic			239.2	242.4	246.9	252.3	249.6	250	250	248.6	246.6	247.8
All	207.1	207	203.1	201.1	202.2	206.5	200.9	201.2	200.1	198.7	195	193.8

Table H.12.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: hemodialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	16	18	18.4	24.2	26.8	32.4	34.5	31	29	33.5	41.5	39.9
20-29	31.6	30.7	31.7	32.4	36.1	39.6	45.8	46.3	46.8	42.4	43	42.8
30-39	44	43.4	46.9	47.9	52.9	63.7	66.9	67.1	66.8	64.8	62.6	62.8
40-49	62.8	64.2	65.8	69.6	74.2	79.1	81.4	76.6	81.1	84.2	86.9	87.5
50-59	98	102.9	104.8	108.5	110.3	113.2	123.2	125.9	129.7	124.6	123.9	126.7
60-64	145.5	150.1	158.1	161.4	165.8	167.4	182.9	178.5	174.3	167.4	177.8	170.6
65-69	208.6	214.9	216.3	222.7	215.5	214.8	228.2	223.6	223.1	212.3	205	206.5
70-79	286.1	286.9	297.4	302.1	297.8	291.1	311.3	308.4	304.5	287.3	293.9	283
80+	475.9	443.3	452.5	461.5	442.4	422.6	450.2	444.7	440.4	421.2	431.4	421
0-19	17.4	18.4	18.9	23.9	26.5	32.1	34.8	31.8	29.1	35.3	44.5	40.5
20-44	41.6	42	44.1	44.4	50.2	59	63.6	62.4	63.2	62.6	61.5	62.4
45-64	104.2	109.4	114.5	118.9	121.4	122.9	132.5	131.8	133.1	129.3	133.2	131.3
65-74	226.9	228.2	232.6	241.8	236.4	235	253	250.3	246	235.6	234.6	230.7
75+	362.9	368.5	378	388.4	379	363.9	384.2	378.1	384	357.4	365.6	357.3
Male	178.2	178.6	185.8	189.6	193	192.7	203.6	200.4	196.6	189.7	189.2	187
Female	151.9	150.7	151.2	157.7	150.9	151.7	164.3	163.6	167.3	159.7	166.1	162.3
White	178.1	175.4	175.5	178.3	177.1	175.6	188.1	189.2	186	180.6	188.2	185.8
Black	139.6	150.3	160.8	160.2	161.8	167.3	182.8	177.8	179.5	168.1	162.2	161
Native American	189.5	93	113.6	192.4	175.9	207.1	189.3	174.8	222.5	238.3	206	155.7
Asian	141.6	125.2	140.4	192.9	174.8	150.8	131.2	111.3	130.3	121.4	131.1	126.2
†Hispanic												
†Non-Hispanic												
All	165.7	165.4	169.4	174.4	173.2	173.4	184.9	183.2	183.2	175.7	178.5	175.4
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	31.8	29.4	26.3	26.8	25.1	25.8	24.9	26.7	25.6	33	27.6	26.5
20-29	35.8	38.3	35.4	37.6	34.7	34.3	34.5	37.4	37.3	40.8	39.7	42.8
30-39	58.9	59.3	56.9	58.1	53.2	55.6	54.8	55	52.6	49.9	50.9	49.6
40-49	82.9	83.2	82.8	84.2	82	79.4	80.8	82.9	88.5	89.1	84.3	84.1
50-59	122.3	124.6	117.7	121.3	117.8	125.8	118.7	120.7	124.2	124.1	120.8	119.6
60-64	165.9	162.8	169.5	168.5	167.8	167.3	157.3	160.4	164	164.5	168.1	157.4
65-69	205.4	209.6	211.9	206.7	206.2	208.6	206.2	210.5	204.8	211.7	197.2	198.3
70-79	268	276.7	278.1	271.2	273.2	276.5	272	270.1	270.9	267	261.5	260.3
80+	407.4	419.1	415.8	410.5	416.6	437.4	423.8	420.1	418.7	398.6	395.1	385.1
0-19	32.8	29.5	28	27.4	25.5	25.7	24.8	26.6	26.3	33	28.3	26.7
20-44	57.5	59.2	56.6	57.4	54.2	54.4	55.4	55.2	57.7	57.3	56	55.9
45-64	126.5	125.2	123.4	125.9	122.7	125.3	118.9	122.7	125.5	126	124.6	121.4
65-74	223.5	228.9	231.7	231.6	230.1	229.3	225.8	226.2	227.6	230.1	220.4	220
75+	344.9	358.6	355.5	338.4	347.2	361.7	354.6	354.8	351.6	339.7	334.5	330.4
Male	177.1	181.7	179.3	177.1	171.9	176.1	170.4	170.7	171.3	170.9	166.8	167.8
Female	159.9	161.1	161.5	161.6	165.5	168.9	166.3	167.3	168.4	166.7	162.9	156.9
White	180.3	181.8	181.6	180.8	180.9	184.2	181.8	178.7	181.4	180.6	174.6	172.4
Black	153.7	157.8	155.6	152.6	150.9	157	148.2	156.9	155.5	152.6	153.4	151.5
Native American	130.3	162.9	168.4	160.4	175.9	166.4	188.8	151.2	157.8	159.6	145.9	157.4
Asian	113.1	122.4	119.2	125.9	113.7	111	105.8	120.2	113.7	115.6	103.5	96.9
†Hispanic			97.49	93.41	104.5	103.2	101.4	109.8	104.4	111.8	99.68	97.47
†Non-Hispanic			160.7	161.5	157.9	162.1	161.2	159.2	161.9	159	153.8	153.5
All	169.2	172.3	171.4	170.1	169.1	172.5	168.4	169.1	170.2	169.2	164.9	162.8



Table H.12.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: hemodialysis patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	44.7	46.6	44.1	59.8	55.7	60.8	62	58.3	49.7	52.4	71.1	70
20-29	79.2	70.8	67.8	70.2	68.3	68	75.4	81.1	73.3	69.2	78.5	71.7
30-39	101.7	94.2	97.4	102.9	99.6	103.8	100.9	105.7	102.9	97.5	105.5	107.6
40-49	122.8	121.6	117.1	131	128.8	128.3	131.6	132.4	126.1	120.4	126.8	129.5
50-59	163.4	167	167.6	176.7	175.1	171.8	177	186.8	171.8	160.6	161.8	163.5
60-64	225.7	218.5	222.6	233.1	240.7	237.6	240.7	240.5	223	211.7	213.1	214
65-69	277.3	279.9	279.4	292.2	296.6	278.3	270.7	283.3	269.5	253.8	258.9	251.7
70-79	349.6	351.3	354.7	360.8	365.9	351.6	344.7	344.8	334.2	323.6	326.2	326.1
80+	511.1	471.3	493.6	505.9	528.6	495	487.6	495.7	456.5	457.6	453	459.8
0-19	44	46.5	44.4	60.2	55.6	61	61.6	57.3	49.2	50.5	67.4	68.7
20-44	101.4	93.2	93.1	97.8	95.3	97.6	97.8	102.1	99	94.4	103	102.7
45-64	174.3	175.6	177.1	188.4	190.4	188	193	197.3	181	170.4	171.1	172.8
65-74	296.4	300.7	300.5	310.5	314.7	300	292.9	297.8	283.9	274.5	278.5	275.6
75+	430.4	417.6	427	434.9	451	424	416.2	428.4	409.6	400.2	400.2	403.6
Male	247.7	244.7	243.9	257.4	256.3	253.5	249.5	257.3	240	229.2	228.5	230.5
Female	203.5	198.8	204.1	209.8	216.2	202.8	206	207.2	199.9	193.9	203	201.5
White	232.4	228.7	228.6	235.4	237.4	229.5	231.4	231.2	222	213.9	219.5	217
Black	223.9	224.5	228.6	240.7	247.6	238.3	234.8	251.3	228.2	217.2	220	224.2
Native American	237.2	201.5	218.3	186.5	179.4	203.3	215.3	189.6	190.6	177.4	161.2	203.9
Asian	129.6	99.6	122.8	173.2	156.4	149.4	127.8	123.8	138.9	142.1	135.3	135.8
†Hispanic												
†Non-Hispanic												
All	226.8	223.1	225.1	235.4	238.2	230.3	229.9	234.7	221.8	213.4	217.6	217.7
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	62.6	56.4	54.1	50.8	51.2	53.2	49.9	50.3	49.4	60.9	48.3	43.5
20-29	72.7	67.3	73.1	65.3	63.6	63.1	63.6	64.9	67	66.8	67.2	66.1
30-39	111.2	111.1	113.2	104.4	101.2	101.7	95.6	95.1	89.9	89.6	85.4	84.4
40-49	125	126	124.4	123.9	119.6	123.7	116.7	121.1	122.6	120.7	120.9	121.6
50-59	164.6	161.5	161.4	159.6	159.8	160.8	162.6	157.3	162.3	164.4	163.3	162.7
60-64	215.4	206.4	215.9	213.7	212.7	218	216.5	221.4	225	231.1	222.9	213
65-69	252	249	250.4	253.9	259	264.3	263.2	264.7	262	271.7	268.9	272
70-79	314.3	313.6	324.5	328	329.1	338.3	338.4	344.6	343.4	341.9	346.4	342.3
80+	433	443.5	446.9	458.4	477.2	493.9	481.5	484.9	479.5	479.5	478.2	484.3
0-19	61	55.8	52.8	50.3	50.8	53	49.7	50.2	48.9	60.9	48	43.3
20-44	104.8	106.2	107.7	99.7	96.9	98	92.9	93.9	92.3	92.3	90.7	89.6
45-64	171.6	164.8	167	166.3	164.5	166.8	165.6	166	170.1	171.3	168.6	166.9
65-74	269.3	269.5	274.1	274.7	278.2	286.6	289.1	292.9	290.9	294.8	292.8	294.4
75+	387.8	390.4	400.5	411.1	421.3	432.4	421.2	427.1	424.4	426.6	432.5	431.8
Male	227	224.4	227.5	223.4	223.3	224.1	222.1	224.2	224.4	227.3	225.5	224.4
Female	197.4	197.8	201.4	205.4	207.4	217.2	212.8	214.9	215.7	216.3	215.3	213.7
White	212	210.7	213.8	216.7	220.2	223.4	220.4	222.5	225.6	227.3	225	224.9
Black	220.5	220.3	225.9	219.7	215.4	221.3	219.9	221.6	217.3	220.1	220.6	217.6
Native American	182.8	165.8	164.6	192.7	181.8	199	203.8	199.3	217.1	205.2	196.7	192.8
Asian	148.3	141	137.9	129.4	137.4	157.8	152.5	152	143	138.7	142.1	143.4
†Hispanic			155.9	148.1	144	173.8	158.4	143	151.9	160.3	136.9	146.6
†Non-Hispanic			229.9	231.9	233.2	236.2	238.1	242.8	243.7	244.9	245.1	240.8
All	213.7	212	215.2	215	216.2	221.4	218.4	220	220.5	222.2	221	219.5

Table H.12.2 (supplement)

**Annual deaths per 1,000 patients: hemodialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

	ALL	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0-19		34.1	38.3	36.7	48.1	47.6	51.4	52.9	47.6	43.6	50.5	62.9	59.9
20-29		63.2	61.5	59.7	61.9	61.8	62.9	71.2	73.7	69.7	66.8	67.8	65.3
30-39		82.4	80.1	85.5	88.8	89.7	95	95.6	93.6	94.4	91.4	91.6	88.9
40-49		103.5	104.9	104.4	108.5	111.4	112	114.3	111.4	110.5	108.6	112	108.6
50-59		130.4	140.5	143.8	149.4	147	146.8	152	149.6	145.2	139.1	141.2	139.6
60-64		175	176.6	183	191.6	191.6	191	193	190.3	182.4	178.2	180.6	177.7
65-69		213.3	216.8	221.2	224.6	225.6	217.6	221	218	214	205.4	204.7	202.3
70-79		251.4	248.3	264.7	272.9	268.4	268.2	269.7	265.9	261	252.7	256.6	256.1
80+		323.9	310.9	339.2	337.2	341.1	331.7	349.3	347.3	326	321.5	329.2	331.4
0-19		33.5	37.2	36.3	48.6	48.5	50.6	52.9	48.4	44.2	51.9	68.2	62
20-44		81.2	79.4	83.4	85.8	86.6	90.3	94.3	93.3	92.8	90.3	91.9	89.8
45-64		138.9	146.2	150.1	157.6	157.6	157.5	160.7	158.1	153	148.5	150.6	147.8
65-74		224.3	226.3	233.1	240	238.8	234.4	236.6	233.2	227.6	219.9	222.4	221.3
75+		287.9	284.5	311.5	309.3	306.7	304.1	310.8	307.8	301.8	294.4	297.3	298.2
Male		185.2	186.2	193.1	199.6	198.6	197.9	202	198.8	191.4	183.9	185.7	183.3
Female		166.1	166.9	175.4	179.6	177.9	177.5	180.9	178.1	174.8	171.6	175.6	175.3
White		191.3	192.6	200.9	207.2	203.7	203.3	206.4	202.4	197.5	192.7	196.8	195.3
Black		151	152.4	156.4	161.7	165.6	164.5	170.5	172.2	164.8	158.7	159.1	159.2
Native American		137.4	134.1	155.2	162.9	167	170.3	158.9	155.4	163.9	154.3	153.3	156.9
Asian		133.6	135.8	168.9	163.6	160.8	161	156.4	141.2	139	129.2	128.9	119.3
†Hispanic													
†Non-Hispanic													
All		176.2	177	184.8	190.2	189.1	188.5	192.2	189.2	183.7	178.2	181	179.4
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-19	49.6	43.8	39.6	39.8	38.7	39.5	36.2	38	37.2	45.1	36.9	34.1	
20-29	60.1	57.8	59.4	57.9	56.2	55.1	51.8	56.3	57.8	59.8	58	59.4	
30-39	84.8	86.5	86.9	84.3	82.3	84.7	80.6	80.6	78.6	76.4	73.6	74	
40-49	104.2	104.7	102.3	103.4	102.1	104.9	101.6	102.3	102.2	102.8	99.7	100	
50-59	136.9	136.8	134.4	131.2	130.6	134.7	131.2	131.8	132.2	132	129.9	127.1	
60-64	172.3	172.1	170.4	165.9	167.2	171.3	166.5	166	163.8	167.4	164.4	159.8	
65-69	199	200.5	200.3	197.6	198.8	201.7	197.7	198.5	195.8	196.3	191.9	190.9	
70-79	246.8	248.6	249.8	245.7	247.6	253.6	250	249.4	248.4	247.1	244.5	242.6	
80+	323.4	329.1	331.3	327.6	332.2	345.8	338.2	339.6	335.8	333	327.3	327.3	
0-19	52	45	40.3	40.2	39.1	40.3	38	38.8	37.7	46	38.1	34.7	
20-44	86.4	87.5	87.2	85.9	84.3	85.5	82.3	81.3	82	81.9	79.6	79.5	
45-64	143.1	142.6	140.2	137.2	137	141	137.1	137.7	136.6	137.7	135.1	132.9	
65-74	215	216.9	216.7	213.9	215.2	219.4	215.7	215.6	214.2	214	210.3	208.8	
75+	290.9	295.2	297.9	292.7	296.5	305.5	300.3	301.4	299.3	297.8	294.7	294.4	
Male	178.1	178.1	177.9	173.6	173.8	177.3	173.3	172.9	171.1	171.5	168.8	167.5	
Female	170.8	172.3	170.9	170.1	170.5	175.6	171.9	172.6	172	171.5	167.8	166	
White	188.4	188.4	186.9	183.4	184	187.8	183.2	182.5	181.4	181	177.1	175.4	
Black	155.3	157.7	157.1	155.2	154.8	161.2	158.4	160.8	158.4	159	157.6	156.3	
Native American	151.8	145	154.8	152.4	158.1	162.3	172	168.2	170.1	162.5	154.7	160.4	
Asian	126.2	131.9	135.1	132.9	135.2	135.8	128.9	126.8	123.4	124.4	123.7	123.6	
†Hispanic			147.2	154.6	159.3	162.4	154.7	157.9	157.1	158.4	154	152.9	
†Non-Hispanic			186.1	184.8	187.5	194.2	192.3	193.4	192.7	193.2	190.7	189.7	
All	174.6	175.4	174.5	171.8	172.2	176.4	172.6	172.7	171.4	171.3	168.2	166.7	

Table H.12.2 (supplement)

**Annual deaths per 1,000 patients: hemodialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>DIABETES</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	58.4	66.7	62.3	82.6	83.3	87.8	89.4	77.9	71.9	83.8	101.5	95.2
20-29	103.6	102.8	96.8	102.3	102.6	103.1	117	117.9	112.1	106.5	105.2	103.5
30-39	129.8	126.7	134.3	140.9	143.4	149.1	150.4	141.7	142.9	138.1	133.9	127.9
40-49	155.3	158.7	155.7	159	165.8	164.9	166.1	160.2	157.2	154.7	155.4	148.4
50-59	170.5	193.8	192.9	201.6	196.9	197.9	202.4	191.9	183.7	173.7	177.7	173.2
60-64	220.8	227.3	230.7	243.2	237.3	235.8	234.2	225.6	216	210.1	215.3	206.5
65-69	255.3	264.1	264.4	263.2	266.3	255.2	257.5	251.1	244.1	233.6	230.2	227.9
70-79	282.7	278.5	295.9	309	299	300.7	297.7	290.2	283.2	274.5	281.4	281.8
80+	313.4	321.5	356.9	345.8	350.4	342.4	372.9	366.6	328.5	327.4	341.5	346.4
0-19	56.2	63.4	60.9	83.6	84.7	84.8	87.9	78.7	72	85.9	112.1	96.3
20-44	127.7	126	133.2	138.6	139.1	142.2	148.8	143.4	141.9	137.7	136.2	131
45-64	182	197.9	197.4	207.9	206.3	206.3	207.3	198.5	191	184.2	187.9	181.3
65-74	266	272.4	273.8	279.9	278.2	270.8	270.2	263.9	255.2	245.5	248.3	247.9
75+	298.5	304	342.1	332.1	322.2	326.5	334.9	324.5	315	309.1	312.6	314.1
Male	220.9	227.9	233.7	239.8	237.5	236.4	241.2	231.9	221.8	211.8	215.8	211.6
Female	201.8	208.6	216.6	223.6	222.6	221.7	222.9	216.9	209.4	207.1	209.3	207.8
White	237.5	243.1	253.3	262.1	257.1	256.8	257.2	247.3	239.7	233.3	237.4	235.5
Black	164.1	171.6	168.7	175	179.9	177.9	187.9	186.6	175.6	169.5	171.2	168.5
Native American	146.9	148.9	192.3	174.8	189.1	180	178.3	179.5	185	177.8	179	164.4
Asian	205.4	219.5	240.5	215.8	208.3	206.7	217	191.3	174.5	160.4	168.5	144.4
†Hispanic												
†Non-Hispanic												
All	212	218.9	225.6	232	230.5	229.6	232.7	224.9	216.2	209.5	212.7	209.6
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	77.7	66.5	60.4	61.9	59.9	60.9	53.6	57.7	56.9	67.7	53.8	50.2
20-29	94.2	87.5	90.8	90.5	88.4	85.4	75.1	84.6	88	90.7	83.9	86.4
30-39	118.2	120.5	125.6	123.2	120.6	124.5	116.6	116.9	115.9	111	104.9	107.2
40-49	141.8	142.1	138.1	138.3	135.7	141.7	134.6	134.3	131.9	131.3	126.6	126.1
50-59	166.6	166.1	162.9	157	156.5	161.5	157.2	157.9	153	152.4	149.8	144.5
60-64	198.1	196.9	192.2	184.1	187.3	193.2	187.5	183.8	179.1	181.8	179	175
65-69	219.4	220.4	220.7	219.9	219.5	222.5	216.5	216.1	211.9	211	205.9	202.4
70-79	272.4	269.3	270.5	262.5	266.4	274	267.6	266.8	264.7	262.4	257.7	256.5
80+	337.4	344.4	351.3	343.5	344	365.9	354.7	356.8	350.1	347.5	336.1	337.5
0-19	80	67.7	60.6	61.1	59.1	61.2	57.1	58.2	56.7	67.8	55.6	50.4
20-44	123.7	125.6	128.1	126.6	124.1	126.5	120.5	117.8	118.8	117.2	112.3	112.4
45-64	173.5	172.6	168.6	162.9	163.6	169.7	164.2	164	159.1	159.6	156.6	152.6
65-74	238.8	236.8	236.7	233.5	235.2	239.8	233.9	233.1	230.4	228.3	222.5	219.5
75+	306.7	310.8	316.4	306	308.8	322.2	313.2	314.4	310.5	309.3	303.4	304.7
Male	203.6	202	203.8	196.7	196.7	202.9	196.3	196.1	192.1	190.9	186.1	184
Female	199.6	200	197	194.9	196.3	203.1	196.3	196.6	194.2	193.7	188	186.6
White	224.6	222.6	221.6	214.1	214.7	221.2	212.5	211.5	207.7	206.4	200.9	198.5
Black	162.3	165.3	163.8	164.4	163.8	172.2	169.4	172.5	169.3	169.1	164.7	164
Native American	161.8	157.7	168.2	167.7	170.1	172.1	174.9	169.6	174.4	167.4	158	155.9
Asian	155.3	158.3	171.1	165.9	169.7	165.3	155.4	148.5	147	146.6	145.9	143.8
†Hispanic			168.7	177.9	185.8	184.1	175.6	179.2	174.9	175.3	173.8	172.6
†Non-Hispanic			209.9	204.4	208.5	219.6	213.1	214.4	211.3	211.7	206.4	204.6
All	201.6	201	200.6	195.6	196.4	202.8	196.2	196.3	192.9	191.9	186.7	185

Table H.12.2 (supplement)

**Annual deaths per 1,000 patients: hemodialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>HYPERTENSION</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	13.3	16	16.9	21.9	21.1	24.3	25.9	25.5	22.7	27.6	36.3	35.8
20-29	27.6	29.2	31.4	32.5	31.5	33.6	37.6	43.1	38.7	39.7	39.7	38.4
30-39	41	42.2	46.7	48.2	47.7	53.1	54.7	57.4	60	57.4	61.4	60.2
40-49	60.4	62.2	65	66.6	68.5	71.4	74.4	75.7	77.1	76.3	84.7	81.3
50-59	97.1	99.8	110.1	112.7	112.4	111.3	119.3	121.2	121.7	120.7	122	120
60-64	138.6	139.6	148.6	157.5	161.8	164.8	165.9	171.4	165.5	166.8	163.6	169.6
65-69	181.3	185.6	194.1	199.8	197.5	194.1	201.8	198.6	198.7	192.9	194.3	193.1
70-79	215.8	222.7	245.9	257.6	249.3	256.3	259.2	259.3	253.1	245.8	246.9	249.2
80+	331.1	307	330.5	331	333.2	330.2	344.4	343.6	333.7	321.9	324.3	326.5
0-19	14.6	17	17.6	22.7	22.8	25.8	28.4	27.7	25.2	30.3	42.1	42.9
20-44	42.3	43.2	45.1	45.7	47.9	52.6	55.9	58.7	59.7	58.4	62.3	64.4
45-64	105.6	109.6	119.7	125	127.1	128.6	132.8	135.8	134.2	134.2	134.8	134.1
65-74	187.8	193.2	207.6	217.7	213.6	216	220.9	220.1	216.6	210	213	213.1
75+	273.7	270.9	296.6	301.6	294.9	298	305.7	305.4	298.5	291.6	292.9	296.6
Male	148.7	150.7	160.8	169.4	170.2	170.7	175.9	176.3	171.7	166.9	168.5	165.7
Female	135.1	135.5	149.1	150.6	146.2	150.8	155.8	156.8	156.9	155	158.1	161.2
White	154.8	157.2	169.2	174.9	170.6	173.2	179.9	181.2	178.6	176.5	180.9	179.6
Black	125.3	122.5	129.5	133.9	137.4	137.5	142.6	144.7	143	138.6	138.1	140
Native American	90.2	120.5	109.9	151.6	155.1	160.8	125.5	129.6	139.8	114.3	127.5	149
Asian	74.7	76.4	134.4	121.8	128	137.7	124.7	114.4	114.7	105	93	95.5
†Hispanic												
†Non-Hispanic												
All	142.4	143.6	155.3	160.6	159	161.2	166.4	167.2	164.6	161.3	163.5	163.5
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	28.7	26.9	22.1	21.5	20.9	21.5	21.5	22.4	21.2	26.3	23.1	21.4
20-29	33.1	35.9	33.4	32.9	30.8	30.6	31.9	33.9	33.1	34.8	37.9	38.7
30-39	60.1	63.5	57.9	53.1	51.2	52.7	52	52.4	50.2	49.8	49.3	47.3
40-49	76.8	76.2	74.1	77.9	79	79.1	79.2	78.7	78.2	81.5	78.1	78.8
50-59	120.8	122.2	119.9	116	115.6	121.3	115.2	117.9	120.5	119.3	117.6	115.5
60-64	160.7	169.1	162.4	156.5	158.1	162.5	158.5	156.7	152.8	157.9	153.3	153.6
65-69	195.5	199.1	197.9	192.1	193.1	195.1	187.7	190.5	189.7	186.3	184.1	185
70-79	240.4	245.9	245.6	244.6	245	249.2	246	243.2	241.3	239.7	238.1	237
80+	326.4	328.2	329.1	327.8	330.5	337.7	334.2	332.8	330.6	327.4	323.5	325.2
0-19	34.7	30.3	24.4	24.2	23.6	24.1	23.5	24.5	23.6	29.5	25.3	23.4
20-44	62.1	61.8	56.6	57	55.8	55.2	53.5	53.7	54.3	55.9	55.8	54.7
45-64	129.4	133.5	129.6	125.3	126	130.5	126.7	126.7	125.5	127.2	123.8	123.5
65-74	210.5	216.1	215.1	211.2	211.2	215.1	209.5	208.4	207.1	205.7	205.5	205.1
75+	291.6	294.5	295.7	295	297	302	300.4	299.2	298	295.2	292.1	293.5
Male	162.2	164	161.4	158.4	160.6	163.1	158.7	158.1	156.9	157.9	156.1	156.1
Female	158.7	163.3	161.3	160.3	157.8	162	159.6	160.3	160	158.5	155.7	154.6
White	174.5	177.1	173.8	171.3	170.8	173.3	169.5	168.9	168.2	167.7	164.4	163.1
Black	138.6	142.5	142.2	140.3	141.4	147.2	144.2	145.1	144.7	144.8	144.3	143.8
Native American	154.6	132.6	151.3	131.5	148.1	152.5	175.5	184.6	176.3	163.8	155.7	177.9
Asian	100	115.8	109.7	110.9	114.3	113.9	106.6	106.4	102.3	106.3	107.8	113.9
†Hispanic			150	161.7	155.1	156.7	148.6	153.3	159.3	153.9	149.4	142.1
†Non-Hispanic			188.2	188.3	191.1	195.3	194.5	194	194	193.8	193	194.1
All	160.5	163.5	161.2	158.9	159.3	162.4	159.1	159.1	158.3	158.1	155.7	155.2

Table H.12.2 (supplement)

**Annual deaths per 1,000 patients: hemodialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>GLOMERULONEPHRITIS</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	12.4	12.6	13	16.7	18.1	21.9	23.8	21.8	21	24.1	29.6	28.8
20-29	24.9	23.5	24.6	24.9	27.4	30.1	35.1	35.6	36.5	33.1	33.9	33.4
30-39	33.7	34.3	37	38.1	42.1	51	53.9	54.4	54.4	53	51.5	51.5
40-49	50.4	51.5	54.1	57	60.6	64	66.2	62.5	66.8	69.7	72	72.9
50-59	85	85	87.7	90.4	90.9	92.9	100.5	102.4	106	102.4	102	105.5
60-64	116.8	122.1	131.7	132.7	135.3	136.4	148.3	144.8	141	135.9	143.9	138.3
65-69	166.2	167.9	171.9	177	170.7	171.1	181.4	177.4	178.2	170.1	164.9	165.7
70-79	208.9	209.6	222.7	225.8	223.6	220.7	238	234.3	232.9	222.4	226.7	220.2
80+	300.5	297.4	313.7	317.5	311.3	306.7	322.6	312.9	310.8	302.7	314.2	309.5
0-19	12.8	12.8	13.2	16.4	17.8	21.7	24	22.3	21	25.3	31.4	29.2
20-44	33.4	33.1	35.2	35.3	39.6	46.7	50.7	50	51.1	50.7	50.1	50.8
45-64	85.6	89.1	94.8	98.2	99.5	100.3	107.8	107.1	108.5	106	109.2	108.3
65-74	175.6	175.2	182.3	188.7	184.4	184.3	199.3	195.8	193.8	186.8	186.1	183.6
75+	253.2	258	272.5	277.1	275.1	268.8	282.2	276.4	281.8	266	273.1	269.7
Male	137.7	138.7	147.8	149.7	152.2	153.8	162.3	158.6	156.6	152.4	152.4	151.9
Female	121.2	121.1	124.2	129.2	125	125.9	136.2	135.2	138.3	133.1	138.4	135.9
White	138.9	137.3	140.2	142	140.6	140.5	150.5	150.4	148.3	144.9	151	150.2
Black	111.7	121.7	132.6	132.4	134.4	139.6	152.1	147	150.1	142.3	137.9	136.9
Native American	157.9	79.2	101.4	164.4	148.8	166.1	152.3	142.8	171.9	188.2	166.2	131.3
Asian	98.8	82.4	105.2	139.9	136	121.3	105.5	89.5	105.2	98.6	108.5	105.3
†Hispanic												
†Non-Hispanic												
All	129.8	130.4	136.6	140	139.4	140.5	149.8	147.7	148.2	143.4	145.9	144.4
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	23.3	21.5	19.1	19.6	18.3	18.6	18.2	19.2	18.4	23.6	20.1	19.2
20-29	28.5	30.8	28.4	29.6	27.8	28	28.4	30.8	30.6	33.7	32.9	35.3
30-39	49.3	49.6	47.8	48.2	44.3	46.8	46.5	46.6	44.6	42.6	43.7	42.7
40-49	69.9	70.3	69.6	70.8	69.4	67.4	69	70.9	75.4	76.1	72.1	72.2
50-59	101.3	103.1	97.4	100.8	98.3	105.2	99.8	101.6	103.7	104.5	101.9	101.2
60-64	134.5	132.1	137.2	137.1	136.8	136.3	129.9	132.8	135.4	135.4	138.2	130.1
65-69	165.2	169.4	169.9	164.2	163.8	165.7	166.1	170.3	164.9	169.5	159.7	160.5
70-79	209.1	218.4	217.9	211.9	214.6	217.1	215.9	214.2	215.3	214.2	209.9	208.7
80+	298.3	307.6	307.5	302.6	307.7	319.4	313.9	313.6	311.5	301.2	300.2	293.8
0-19	23.9	21.4	20.1	20.1	18.7	18.6	18.1	19.1	18.8	23.6	20.6	19.4
20-44	47.6	49.3	47.1	47.7	45.3	45.8	46.9	46.7	48.7	48.7	47.7	47.8
45-64	104.4	103.6	102.1	103.9	101.7	104.2	99.9	103	105	105.8	104.7	102.5
65-74	178.3	184.1	185.1	183.1	182.4	182.2	181.8	182.5	182.9	184.9	177.8	177.3
75+	259.5	271.6	268.7	257.9	264.8	273.7	270.8	271.9	269.7	264.2	261.3	258.1
Male	144.3	148.8	146.9	144.5	141.6	144.9	141.9	142.3	142.8	143	139.7	140.5
Female	133.7	135.3	135	134.8	137.6	140.2	139.5	140.7	140.9	140.7	138.3	133.8
White	145.9	147.8	147.1	146	146.6	148.9	148.8	146.8	148.4	148.4	143.9	142.6
Black	130.8	135.2	133.5	130.8	130	135.2	128.8	135.8	134.5	133.1	134.3	132.6
Native American	111.3	135.8	142.1	134.6	144.1	139.5	152.6	128.1	134.5	139.3	128.3	138.6
Asian	94.9	104.1	100.9	106.8	97.3	95.6	92.3	104.4	99	101.5	90.8	84.9
†Hispanic			79.22	76.95	86.19	86.46	84.7	91.66	86.07	93.55	83.22	82.97
†Non-Hispanic			130.2	130.9	128.4	131.8	132.5	130.9	132.5	131.2	127.3	127.2
All	139.4	142.7	141.6	140.1	139.9	142.5	140.7	141.6	142.1	142	138.9	137.4

Table H.12.2 (supplement)

**Annual deaths per 1,000 patients: hemodialysis patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>OTHER</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>
0-19	31.3	32.8	31.7	41	37.3	41.3	42.7	40.3	35.4	38	50.5	49.6
20-29	63	54.2	53	53.4	51.7	51.6	57.9	62.5	57.3	55	62.1	55.9
30-39	84.7	76.7	80.5	82.7	78.9	81.9	79.9	83.3	82.1	78.8	85	86.3
40-49	100.7	99.1	97.6	107.1	103.5	102.6	105.2	105.3	100.8	96.6	101.2	103.4
50-59	133.7	136.4	140.1	145.4	142.2	139.5	142.5	148.9	138.2	129.9	130.3	130.8
60-64	183	175.3	182.7	188.4	192.8	189.7	190.5	189.5	177.4	169.2	169.7	169.1
65-69	218.7	213.4	219.8	227.2	230.1	215.7	212	220	211.6	200.9	204.1	197.5
70-79	267.5	255.9	265.8	268.7	271.9	261.9	259.6	259	253.9	246.4	248.8	248.7
80+	357.8	314.1	343.2	348.2	363.3	342.8	340.3	345.7	325	326.8	323.8	328.6
0-19	30.7	32.6	31.7	41.1	37.2	41.4	42.3	39.6	35.1	36.6	47.8	48.3
20-44	81.4	74.2	75.5	77.9	75.1	76.7	77.3	80.4	78.6	75.7	82.1	81.6
45-64	143	142.8	147	153.9	153.3	151	154	156.4	145	137.1	137.2	137.8
65-74	233	226.4	233.6	238.7	241.4	230.1	227.3	229.6	221.3	214.6	217.7	214.8
75+	314.2	289.9	306.8	311.2	321.4	304.3	300.6	308.6	299.3	294	293.7	296
Male	196.2	188	193	200	198.5	195.8	194.1	198.9	187.8	180.2	179.5	181
Female	168.1	159.7	168.2	171.7	175.3	165.5	167.7	168.2	164.1	159.7	166.1	164.2
White	185.7	177.6	182.2	185.5	185.7	179.6	181.4	180.6	175.4	169.3	173.2	171.3
Black	184.9	177.7	187.2	195	199.5	191.6	189.7	201.2	185.1	178.3	179.9	182
Native American	178.6	155.5	181.5	152.5	144.6	164.2	173.2	152.1	151	145.5	129.3	164.8
Asian	96.5	79.8	97.1	130.7	122	119.6	104.6	104.1	117	115.4	111.2	111.2
†Hispanic												
†Non-Hispanic												
All	182.8	174.6	181.3	187	188.1	182	182.3	185.2	177.1	171.1	174	173.6
	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	44.4	40.1	38.5	37.1	37.2	38.2	36.2	35.8	35.3	43.4	35.1	31.4
20-29	57.3	53	57.9	51.4	50.6	50.7	51.7	52.6	54.6	54.7	55.1	54.2
30-39	88.3	88.3	89.7	83.7	82.5	83.2	78.7	78	74	74.4	71.3	70.5
40-49	100.1	101	99.5	99.3	96.2	99.7	95.2	98.7	99.8	98.9	99.3	100
50-59	131.7	129.7	129.8	126.7	126.9	127.9	129.8	126.1	130.1	131.7	131.3	130.3
60-64	171.2	164.1	170	167.4	166.5	170.7	169.6	172.2	174.3	179.4	173.7	165.6
65-69	197.8	195.3	194.8	193.7	197.9	201.4	201.5	202.7	199.8	206.5	204.4	204.3
70-79	240.6	239.1	244.3	244.1	244.7	250.6	251.9	255	254.8	254.5	256.7	251
80+	313.6	318.8	317.9	320.5	331.7	340.4	335.3	338.4	335.8	337.3	337	338.4
0-19	43	39.7	37.6	36.6	36.9	38	36	35.7	34.9	43.3	34.9	31.2
20-44	83.1	84.1	85.4	79.7	78.4	79.7	76.2	77	75.8	76.5	75.3	74.4
45-64	137.3	132.3	133.6	132.1	130.6	132.5	132.1	132.2	135.5	136.6	134.9	133.3
65-74	210	210	211.1	208.9	211.5	216.9	219.2	221.4	219.6	222.4	220.6	219.5
75+	287.3	286.7	291.2	294.3	300.4	306.6	302	305.3	304.6	307.4	310.5	307.1
Male	178.9	176.7	177.9	173.4	173.7	174.1	173.9	175.6	175.7	178.5	177	175
Female	161.2	161.1	162.7	163.8	164.9	172.1	169.4	170.4	171.2	172	171.3	168.9
White	167.9	166.7	167.7	168	170.1	172.2	170.8	172.4	174.6	176.3	174.4	173.2
Black	179.2	178.5	181.8	175.3	173.2	177.9	177.8	178.8	175.9	178.4	179.4	175.7
Native American	150	140.5	136.4	159.9	153.1	166.8	168	163.6	172.9	166.5	161	153.7
Asian	121.4	116.3	116.2	109.5	116.6	131.2	129	126.8	120	117.6	119.6	118.8
†Hispanic			123.2	119.3	115.6	137.9	124.5	116.5	123	130.1	112.4	119.1
†Non-Hispanic			177.7	178	178.6	180.8	183.4	186.2	186.9	188.4	188.6	183.8
All	170.9	169.3	170.7	168.9	169.8	173.5	172.2	173.3	173.7	175.5	174.5	172.2

Table H.12.3 (supplement)

**Hemodialysis patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	41	37	25	34	27	37	28	34	36	31	29	39	50
20-29	207	234	219	208	223	238	240	251	305	323	302	305	339
30-39	441	456	537	524	623	682	712	867	858	930	1,031	997	1,068
40-49	730	788	780	870	936	1,072	1,130	1,213	1,337	1,425	1,625	1,759	2,005
50-59	1,467	1,597	1,779	2,065	2,139	2,349	2,390	2,509	2,778	2,934	3,024	3,142	3,499
60-64	1,085	1,153	1,344	1,497	1,772	2,024	2,192	2,291	2,514	2,702	2,743	2,984	3,240
65-69	1,219	1,320	1,445	1,701	2,011	2,267	2,548	2,700	3,170	3,554	3,882	4,093	4,487
70-79	1,397	1,721	2,029	2,410	3,148	3,658	4,066	4,674	5,293	6,031	6,776	7,513	8,826
80+	253	351	438	509	789	947	1,192	1,382	1,788	2,126	2,382	2,901	3,449
0-19	41	37	25	34	27	37	28	34	36	31	29	39	50
20-44	963	1,034	1,091	1,082	1,261	1,353	1,423	1,661	1,748	1,880	2,059	2,104	2,309
45-64	2,967	3,194	3,568	4,082	4,432	5,012	5,241	5,470	6,044	6,434	6,666	7,083	7,842
65-74	2,070	2,402	2,683	3,156	3,843	4,390	4,863	5,361	6,127	6,866	7,540	8,203	9,409
75+	799	990	1,229	1,464	2,105	2,482	2,943	3,395	4,124	4,845	5,500	6,304	7,353
Male	3,830	4,349	4,807	5,457	6,341	7,285	7,906	8,653	9,690	10,702	11,440	12,284	13,906
Female	3,010	3,308	3,789	4,361	5,327	5,989	6,592	7,268	8,389	9,354	10,354	11,449	13,057
White	4,952	5,587	6,203	6,953	8,241	9,200	9,848	10,842	12,246	13,341	14,621	15,961	18,180
Black	1,863	2,037	2,310	2,765	3,248	3,845	4,343	4,718	5,441	6,262	6,572	7,149	8,055
Native American	18	26	50	54	87	96	124	142	158	195	239	241	265
Asian	*	*	33	46	92	133	183	219	234	258	362	382	463
†Hispanic													
†Non-Hispanic													
All	6,840	7,657	8,596	9,818	11,668	13,274	14,498	15,921	18,079	20,056	21,794	23,733	26,963
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	39	31	33	32	31	32	35	31	32	33	49	28	28
20-29	306	286	288	313	288	277	293	296	332	326	335	326	338
30-39	1,138	1,151	1,213	1,256	1,181	1,171	1,285	1,231	1,279	1,260	1,230	1,211	1,210
40-49	2,065	2,168	2,381	2,504	2,793	2,834	3,164	3,232	3,462	3,562	3,691	3,684	3,834
50-59	3,744	4,108	4,345	4,523	4,884	5,358	6,106	6,394	6,984	7,466	7,817	8,035	8,140
60-64	3,318	3,445	3,623	3,780	3,951	4,335	4,744	4,873	5,119	5,224	5,781	5,871	5,859
65-69	4,876	5,200	5,422	5,738	6,095	6,504	6,897	7,112	7,426	7,539	7,729	7,786	7,885
70-79	9,898	10,377	11,568	12,725	13,764	15,292	16,826	17,564	18,229	18,778	19,080	19,229	19,305
80+	4,054	4,554	5,138	5,835	6,589	7,575	8,806	9,493	10,506	11,542	12,342	12,953	13,879
0-19	39	31	33	32	31	32	35	31	32	33	49	28	28
20-44	2,378	2,394	2,551	2,604	2,598	2,633	2,846	2,817	2,871	2,999	2,991	2,938	2,976
45-64	8,193	8,764	9,299	9,772	10,499	11,342	12,746	13,209	14,305	14,839	15,863	16,189	16,405
65-74	10,343	10,912	11,774	12,528	13,303	14,379	15,420	15,842	16,399	16,783	17,018	17,043	17,186
75+	8,485	9,219	10,354	11,770	13,145	14,992	17,109	18,327	19,762	21,076	22,133	22,925	23,883
Male	15,103	16,141	17,430	18,923	20,239	22,323	24,839	26,000	27,684	29,101	30,647	31,536	32,430
Female	14,335	15,179	16,581	17,783	19,337	21,055	23,317	24,226	25,685	26,629	27,407	27,587	28,048
White	19,610	20,528	22,186	23,932	25,776	28,454	31,343	32,863	34,856	36,721	38,067	38,572	39,605
Black	9,016	9,761	10,657	11,392	12,292	13,252	14,939	15,367	16,418	16,733	17,595	18,062	18,269
Native American	309	338	357	442	453	491	562	652	617	688	670	658	713
Asian	503	693	811	940	1,055	1,181	1,312	1,344	1,478	1,588	1,722	1,831	1,891
†Hispanic				2,958	3,556	4,100	4,628	4,978	10,976	5,838	6,268	6,451	6,717
†Non-Hispanic				33,907	36,287	39,625	43,973	45,731	96,704	50,343	52,269	53,143	54,252
All	29,438	31,320	34,011	36,706	39,576	43,378	48,156	50,226	53,369	55,730	58,054	59,123	60,478

Table H.12.3 (supplement)

**Hemodialysis patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	43	44	50	67	56	74	73	77	104	102	95	100	95
30-39	102	126	182	184	247	274	296	324	335	339	407	391	382
40-49	120	163	189	258	287	325	417	455	509	604	692	761	847
50-59	211	247	375	571	608	798	864	1,015	1,133	1,210	1,351	1,484	1,735
60-64	146	185	259	352	479	636	696	824	949	1,081	1,210	1,395	1,616
65-69	123	180	239	352	437	562	735	854	1,053	1,267	1,492	1,679	1,929
70-79	75	123	247	308	471	649	788	1,001	1,166	1,442	1,860	2,210	2,813
80+	*	16	12	38	66	67	107	144	229	257	289	439	563
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	201	251	312	363	449	498	542	604	676	707	789	817	837
45-64	421	514	743	1,069	1,228	1,609	1,804	2,091	2,354	2,629	2,966	3,314	3,838
65-74	173	266	414	567	744	998	1,240	1,494	1,795	2,190	2,645	3,046	3,732
75+	30	53	84	131	230	280	390	505	653	776	996	1,282	1,573
Male	452	569	767	1,042	1,269	1,604	1,877	2,202	2,599	2,880	3,365	3,723	4,451
Female	373	515	787	1,089	1,382	1,782	2,105	2,494	2,882	3,424	4,032	4,742	5,535
White	614	790	1,135	1,496	1,884	2,356	2,657	3,164	3,616	4,122	4,949	5,646	6,607
Black	208	285	380	581	676	930	1,162	1,351	1,638	1,921	2,130	2,467	2,948
Native American	*	*	27	33	55	54	88	87	109	144	168	178	199
Asian	*	*	12	21	36	46	75	94	118	117	150	174	232
†Hispanic													
†Non-Hispanic													
All	825	1,084	1,554	2,131	2,651	3,386	3,982	4,696	5,481	6,304	7,397	8,465	9,986
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	105	86	70	87	86	77	74	55	91	83	78	64	83
30-39	405	389	442	489	456	454	504	472	494	502	456	454	510
40-49	859	928	1,020	1,079	1,226	1,259	1,437	1,409	1,500	1,552	1,596	1,590	1,657
50-59	1,881	2,069	2,296	2,460	2,670	3,023	3,494	3,693	4,035	4,093	4,363	4,526	4,426
60-64	1,630	1,747	1,928	2,067	2,194	2,544	2,852	2,935	3,056	3,172	3,506	3,555	3,542
65-69	2,245	2,379	2,650	2,962	3,292	3,558	3,901	4,104	4,319	4,415	4,538	4,598	4,642
70-79	3,324	3,723	4,243	5,010	5,612	6,595	7,547	7,909	8,589	8,963	9,214	9,371	9,581
80+	703	820	1,024	1,276	1,477	1,865	2,391	2,523	2,996	3,358	3,710	3,894	4,336
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	858	853	928	994	1,010	1,011	1,097	1,070	1,077	1,156	1,111	1,073	1,161
45-64	4,022	4,366	4,828	5,188	5,622	6,346	7,264	7,494	8,099	8,246	8,888	9,116	9,057
65-74	4,328	4,695	5,242	5,929	6,574	7,332	8,120	8,461	8,954	9,231	9,417	9,425	9,604
75+	1,944	2,227	2,675	3,319	3,807	4,686	5,719	6,075	6,950	7,505	8,045	8,438	8,955
Male	4,938	5,406	6,060	7,079	7,638	8,876	10,356	10,827	11,867	12,520	13,318	13,874	14,344
Female	6,217	6,739	7,615	8,351	9,377	10,499	11,846	12,274	13,216	13,619	14,144	14,179	14,433
White	7,485	7,918	8,854	10,009	10,793	12,490	14,319	14,784	16,182	16,990	17,818	18,232	18,748
Black	3,250	3,640	4,155	4,573	5,305	5,871	6,755	7,105	7,651	7,739	8,203	8,319	8,487
Native American	212	252	275	339	355	380	435	493	473	532	514	507	529
Asian	208	335	391	509	562	634	693	719	777	878	927	995	1,013
†Hispanic				1,830	2,301	2,747	3,059	3,328	7,428	3,905	4,218	4,460	4,655
†Non-Hispanic				13,702	14,896	16,868	19,436	20,106	43,378	22,533	23,548	23,878	24,438
All	11,155	12,145	13,675	15,430	17,015	19,375	22,202	23,101	25,083	26,139	27,462	28,053	28,777



Table H.12.3 (supplement)

**Hemodialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	14	11	18	20	22	17	25	21	37	23	37	29
30-39	36	33	52	51	64	91	79	117	124	151	169	163	190
40-49	93	99	132	135	155	180	213	231	267	273	327	337	436
50-59	205	232	284	360	419	450	491	505	601	624	691	727	776
60-64	148	179	234	303	350	450	520	544	594	695	699	775	768
65-69	169	241	300	400	517	585	671	752	935	1,007	1,163	1,255	1,333
70-79	210	339	474	676	992	1,230	1,328	1,762	2,016	2,342	2,612	2,958	3,397
80+	42	67	143	167	266	367	471	599	822	988	1,186	1,414	1,737
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	72	90	120	119	143	170	181	234	253	302	333	345	424
45-64	417	467	593	748	865	1,023	1,139	1,188	1,354	1,478	1,576	1,694	1,775
65-74	299	453	590	784	1,059	1,261	1,384	1,688	1,982	2,213	2,473	2,720	3,062
75+	122	194	327	459	716	921	1,086	1,425	1,791	2,124	2,488	2,907	3,405
Male	531	697	973	1,255	1,602	2,002	2,258	2,607	3,067	3,479	3,882	4,279	4,878
Female	379	508	657	856	1,183	1,375	1,533	1,931	2,315	2,639	2,990	3,392	3,794
White	482	707	991	1,278	1,696	2,037	2,202	2,731	3,260	3,648	4,125	4,704	5,392
Black	426	497	631	820	1,060	1,302	1,541	1,738	2,060	2,394	2,639	2,861	3,162
Native American	*	*	*	*	*	13	11	14	*	16	21	15	27
Asian	*	*	*	*	23	25	37	55	52	60	87	91	91
†Hispanic													
†Non-Hispanic													
All	910	1,205	1,630	2,111	2,785	3,377	3,791	4,538	5,382	6,118	6,872	7,671	8,672
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	31	25	36	33	31	28	25	36	34	33	33	48	37
30-39	198	215	216	183	169	179	197	197	209	221	216	215	191
40-49	428	458	525	528	593	624	672	721	734	730	831	818	859
50-59	813	982	964	968	1,009	1,090	1,206	1,180	1,373	1,557	1,566	1,614	1,719
60-64	876	867	945	855	895	932	968	986	1,048	996	1,161	1,158	1,201
65-69	1,433	1,592	1,556	1,541	1,534	1,636	1,673	1,601	1,683	1,723	1,680	1,760	1,781
70-79	3,906	4,006	4,424	4,568	4,848	5,148	5,492	5,689	5,661	5,813	5,868	5,907	5,824
80+	2,113	2,416	2,598	2,872	3,224	3,561	4,052	4,473	4,814	5,264	5,594	5,932	6,355
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	437	441	456	415	431	460	480	488	496	536	550	562	544
45-64	1,909	2,106	2,230	2,152	2,266	2,393	2,588	2,632	2,902	3,001	3,257	3,291	3,463
65-74	3,396	3,613	3,784	3,767	3,815	4,004	4,193	4,098	4,141	4,260	4,234	4,370	4,288
75+	4,056	4,401	4,794	5,214	5,791	6,341	7,024	7,665	8,017	8,540	8,908	9,229	9,672
Male	5,340	5,864	6,219	6,292	6,781	7,318	7,887	8,146	8,545	8,995	9,471	9,816	10,053
Female	4,463	4,703	5,047	5,256	5,523	5,880	6,398	6,740	7,012	7,342	7,478	7,639	7,916
White	5,943	6,373	6,751	6,874	7,447	7,948	8,518	9,060	9,414	9,955	10,295	10,528	10,864
Black	3,684	3,980	4,264	4,416	4,570	4,910	5,395	5,428	5,706	5,921	6,138	6,363	6,479
Native American	37	37	27	41	29	43	48	65	67	57	55	64	83
Asian	139	177	224	217	258	297	324	333	370	404	461	500	543
†Hispanic				565	660	695	780	847	1,888	1,060	1,089	1,119	1,116
†Non-Hispanic				11,008	11,684	12,559	13,577	14,109	29,374	15,350	15,944	16,428	16,939
All	9,803	10,567	11,266	11,548	12,304	13,198	14,285	14,886	15,557	16,337	16,949	17,455	17,969

Table H.12.3 (supplement)

**Hemodialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	11	*	*	*	*	*	*	11	*	*	13	14
20-29	34	39	47	43	47	47	57	59	69	62	80	53	65
30-39	58	71	71	83	92	101	138	204	189	191	201	197	184
40-49	83	92	101	103	139	156	163	187	188	187	250	292	295
50-59	153	168	220	223	233	252	264	272	312	329	349	332	343
60-64	119	127	133	195	233	211	244	251	299	273	268	271	305
65-69	113	142	183	199	236	271	275	324	384	370	402	403	378
70-79	129	183	232	277	372	425	497	537	675	713	762	788	934
80+	17	27	55	67	84	127	147	184	213	250	302	345	401
0-19	*	11	*	*	*	*	*	*	11	*	*	13	14
20-44	136	151	167	169	206	205	265	357	351	342	404	409	386
45-64	311	346	405	478	538	562	601	616	706	700	744	736	806
65-74	188	257	316	358	446	508	556	627	766	762	808	832	885
75+	71	95	154	185	246	315	363	418	506	571	658	704	828
Male	443	527	658	751	907	989	1,142	1,267	1,413	1,452	1,560	1,634	1,724
Female	269	333	394	447	535	610	650	758	927	933	1,063	1,060	1,195
White	576	718	856	942	1,113	1,206	1,337	1,466	1,722	1,773	1,874	1,963	2,189
Black	133	138	183	248	309	348	409	510	574	562	663	654	643
Native American	*	*	*	*	*	16	*	17	15	14	24	23	17
Asian	*	*	*	*	13	29	37	32	29	36	62	54	70
†Hispanic													
†Non-Hispanic													
All	712	860	1,052	1,198	1,442	1,599	1,792	2,025	2,340	2,385	2,623	2,694	2,919
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	11	*	*
20-29	72	45	72	57	67	61	66	63	75	65	87	68	83
30-39	205	188	194	189	203	170	200	199	186	183	172	192	173
40-49	318	337	343	367	406	390	388	459	470	492	499	460	484
50-59	405	380	413	388	469	455	558	545	608	677	670	670	713
60-64	255	276	268	302	300	302	301	292	330	347	339	395	335
65-69	430	427	428	439	412	432	447	464	462	416	456	390	415
70-79	928	947	1,082	1,101	1,117	1,225	1,275	1,313	1,233	1,258	1,221	1,099	1,091
80+	408	472	552	585	638	708	767	794	794	859	837	876	855
0-19	*	*	*	*	*	*	*	*	*	*	11	*	*
20-44	437	395	435	413	446	407	435	466	439	472	468	447	462
45-64	818	831	855	890	999	971	1,078	1,092	1,230	1,292	1,299	1,338	1,326
65-74	926	912	979	1,002	1,005	1,036	1,033	1,089	1,040	1,038	1,020	904	932
75+	840	934	1,083	1,123	1,162	1,329	1,456	1,482	1,449	1,495	1,494	1,461	1,429
Male	1,841	1,835	2,047	2,074	2,181	2,204	2,410	2,469	2,484	2,589	2,583	2,486	2,600
Female	1,189	1,244	1,313	1,362	1,438	1,545	1,598	1,665	1,683	1,714	1,709	1,672	1,556
White	2,215	2,255	2,437	2,516	2,613	2,752	2,901	3,025	2,896	3,080	3,019	2,847	2,865
Black	723	733	791	787	854	847	951	931	1,074	1,041	1,070	1,141	1,113
Native American	18	19	30	30	26	35	34	45	31	41	47	34	45
Asian	74	72	102	103	126	115	122	133	166	141	156	136	133
†Hispanic				202	217	264	274	284	646	312	345	319	321
†Non-Hispanic				3,245	3,417	3,499	3,759	3,873	7,742	4,021	3,986	3,869	3,859
All	3,030	3,079	3,360	3,436	3,619	3,749	4,008	4,134	4,167	4,303	4,292	4,158	4,156

Table H.12.3 (supplement)

**Hemodialysis patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	35	25	14	24	19	25	14	22	20	18	17	15	24
20-29	123	137	111	80	100	95	93	90	111	122	104	115	150
30-39	245	226	232	206	220	216	199	222	210	249	254	246	312
40-49	434	434	358	374	355	411	337	340	373	361	356	369	427
50-59	898	950	900	911	879	849	771	717	732	771	633	599	645
60-64	672	662	718	647	710	727	732	672	672	653	566	543	551
65-69	814	757	723	750	821	849	867	770	798	910	825	756	847
70-79	983	1,076	1,076	1,149	1,313	1,354	1,453	1,374	1,436	1,534	1,542	1,557	1,682
80+	189	241	228	237	373	386	467	455	524	631	605	703	748
0-19	35	25	14	24	19	25	14	22	20	18	17	15	24
20-44	554	542	492	431	463	480	435	466	468	529	533	533	662
45-64	1,818	1,867	1,827	1,787	1,801	1,818	1,697	1,575	1,630	1,627	1,380	1,339	1,423
65-74	1,410	1,426	1,363	1,447	1,594	1,623	1,683	1,552	1,584	1,701	1,614	1,605	1,730
75+	576	648	664	689	913	966	1,104	1,047	1,174	1,374	1,358	1,411	1,547
Male	2,404	2,556	2,409	2,409	2,563	2,690	2,629	2,577	2,611	2,891	2,633	2,648	2,853
Female	1,989	1,952	1,951	1,969	2,227	2,222	2,304	2,085	2,265	2,358	2,269	2,255	2,533
White	3,280	3,372	3,221	3,237	3,548	3,601	3,652	3,481	3,648	3,798	3,673	3,648	3,992
Black	1,096	1,117	1,116	1,116	1,203	1,265	1,231	1,119	1,169	1,385	1,140	1,167	1,302
Native American	12	15	12	14	19	13	16	24	24	21	26	25	22
Asian	*	*	11	11	20	33	34	38	35	45	63	63	70
†Hispanic													
†Non-Hispanic													
All	4,393	4,508	4,360	4,378	4,790	4,912	4,933	4,662	4,876	5,249	4,902	4,903	5,386
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	22	14	21	24	21	26	27	22	19	26	37	16	19
20-29	98	130	110	136	104	111	128	142	132	145	137	146	135
30-39	330	359	361	395	353	368	384	363	390	354	386	350	336
40-49	460	445	493	530	568	561	667	643	758	788	765	816	834
50-59	645	677	672	707	736	790	848	976	968	1,139	1,218	1,225	1,282
60-64	557	555	482	556	562	557	623	660	685	709	775	763	781
65-69	768	802	788	796	857	878	876	943	962	985	1,055	1,038	1,047
70-79	1,740	1,701	1,819	2,046	2,187	2,324	2,512	2,653	2,746	2,744	2,777	2,852	2,809
80+	830	846	964	1,102	1,250	1,441	1,596	1,703	1,902	2,061	2,201	2,251	2,333
0-19	22	14	21	24	21	26	27	22	19	26	37	16	19
20-44	646	705	732	782	711	755	834	793	859	835	862	856	809
45-64	1,444	1,461	1,386	1,542	1,612	1,632	1,816	1,991	2,074	2,300	2,419	2,444	2,559
65-74	1,693	1,692	1,769	1,830	1,909	2,007	2,074	2,194	2,264	2,254	2,347	2,344	2,362
75+	1,645	1,657	1,802	2,114	2,385	2,636	2,910	3,105	3,346	3,536	3,686	3,797	3,827
Male	2,984	3,036	3,104	3,478	3,639	3,925	4,186	4,558	4,788	4,997	5,275	5,360	5,433
Female	2,466	2,493	2,606	2,814	2,999	3,131	3,475	3,547	3,774	3,954	4,076	4,097	4,143
White	3,967	3,982	4,144	4,533	4,923	5,264	5,605	5,994	6,364	6,696	6,935	6,965	7,128
Black	1,359	1,408	1,447	1,616	1,563	1,624	1,838	1,903	1,987	2,032	2,184	2,239	2,190
Native American	42	30	25	32	43	33	45	49	46	58	54	53	56
Asian	82	109	94	111	109	135	173	159	165	165	178	200	202
†Hispanic				361	378	394	515	519	1,014	561	616	553	625
†Non-Hispanic				5,952	6,290	6,699	7,201	7,643	16,210	8,439	8,791	8,968	9,016
All	5,450	5,529	5,710	6,292	6,638	7,056	7,661	8,105	8,562	8,951	9,351	9,457	9,576

Table H.12.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	923	939	937	877	790	722	675	666	699	740	747	746	697
20-29	3,270	3,356	3,495	3,562	3,695	3,728	3,694	3,710	3,808	4,011	4,284	4,424	4,545
30-39	4,939	5,381	5,815	6,199	6,590	6,887	7,128	7,492	8,000	8,563	9,162	9,622	10,308
40-49	6,295	6,753	7,226	7,615	8,513	8,748	8,922	9,372	10,128	11,192	12,444	13,725	15,260
50-59	9,488	10,366	11,307	12,223	12,961	13,395	13,739	14,249	14,887	15,882	17,010	18,406	20,118
60-64	4,776	5,363	6,189	6,942	7,972	8,663	9,179	9,626	10,353	11,013	11,863	12,830	13,842
65-69	4,349	4,767	5,308	6,023	7,289	7,968	8,716	9,840	11,169	12,345	13,747	15,281	16,719
70-79	4,154	4,884	5,788	6,943	8,760	10,007	11,273	12,920	14,592	16,495	18,886	21,780	25,089
80+	505	644	828	1,110	1,572	1,859	2,319	2,846	3,448	4,094	4,979	6,079	7,151
0-19	923	939	937	877	790	722	675	666	699	740	747	746	697
20-44	11,160	11,884	12,594	13,260	14,248	14,630	14,944	15,600	16,516	17,804	19,355	20,736	22,124
45-64	17,608	19,334	21,439	23,281	25,483	26,790	27,719	28,849	30,659	32,857	35,407	38,270	41,948
65-74	7,145	8,025	9,086	10,530	12,841	14,171	15,584	17,626	19,851	22,078	24,854	28,152	31,535
75+	1,863	2,269	2,838	3,546	4,780	5,663	6,723	7,981	9,358	10,856	12,758	14,988	17,424
Male	21,054	23,028	25,160	27,500	30,771	32,676	34,410	36,709	39,882	43,467	48,075	53,208	58,727
Female	17,645	19,424	21,734	23,994	27,370	29,301	31,235	34,012	37,201	40,868	45,046	49,683	55,000
White	26,312	28,348	30,744	33,138	36,615	38,202	39,877	42,368	45,566	49,156	53,693	58,657	64,119
Black	12,002	13,613	15,478	17,461	20,353	22,358	24,046	26,360	29,170	32,378	36,177	40,479	45,194
Native American	168	220	282	366	467	525	612	698	806	958	1,099	1,229	1,420
Asian	216	270	390	529	706	891	1,110	1,295	1,542	1,842	2,152	2,527	2,994
†Hispanic													
†Non-Hispanic													
All	38,699	42,452	46,894	51,493	58,141	61,977	65,645	70,721	77,084	84,335	93,121	102,892	113,728
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	728	730	736	778	787	796	832	801	760	808	833	845	839
20-29	4,688	4,815	4,912	5,068	5,215	5,372	5,615	5,729	5,732	5,686	5,670	5,621	5,622
30-39	10,932	11,362	11,904	12,401	12,896	13,314	13,692	14,197	14,557	14,830	15,070	15,401	15,456
40-49	16,467	17,900	19,217	21,003	22,736	24,285	25,970	27,547	28,573	29,746	30,732	31,598	32,384
50-59	21,837	23,692	25,602	27,293	29,617	32,434	35,668	38,711	41,727	44,757	47,231	49,736	52,279
60-64	14,597	15,577	16,382	17,384	18,530	19,793	21,191	22,561	23,767	24,965	26,344	27,801	29,091
65-69	18,205	19,587	20,759	21,793	23,054	24,507	25,817	27,118	28,106	29,292	30,062	30,987	31,716
70-79	28,019	31,066	34,313	37,306	40,784	44,731	48,058	51,069	53,373	55,240	57,058	57,965	58,786
80+	8,438	9,693	10,912	12,278	13,717	15,460	17,344	19,320	21,474	23,687	25,954	27,900	29,425
0-19	728	730	736	778	787	796	832	801	760	808	833	845	839
20-44	23,404	24,428	25,434	26,749	28,104	29,437	30,751	31,921	32,579	33,283	33,657	34,184	34,631
45-64	45,116	48,918	52,584	56,400	60,890	65,761	71,386	76,824	81,776	86,700	91,391	95,973	100,201
65-74	34,792	37,961	40,930	43,399	46,164	49,547	52,197	54,680	56,765	58,681	60,112	61,403	62,582
75+	19,869	22,385	25,054	27,977	31,391	35,150	39,022	42,827	46,189	49,537	52,962	55,449	57,344
Male	64,126	69,917	75,272	80,875	87,778	95,433	103,022	110,502	116,832	123,456	129,436	134,692	139,692
Female	59,785	64,505	69,465	74,428	79,558	85,259	91,165	96,550	101,237	105,553	109,518	113,161	115,905
White	68,980	74,245	79,610	84,770	91,334	98,807	106,207	113,712	120,558	126,652	132,005	136,879	141,382
Black	49,850	54,362	58,653	63,313	68,098	73,173	78,309	82,764	86,175	90,136	93,927	97,376	99,942
Native American	1,623	1,813	1,989	2,205	2,390	2,592	2,886	3,064	3,223	3,389	3,513	3,658	3,851
Asian	3,457	4,002	4,485	5,015	5,514	6,120	6,785	7,513	8,112	8,833	9,509	9,941	10,422
†Hispanic				15,381	17,858	19,998	22,223	24,995	55,002	29,426	31,419	33,491	35,317
†Non-Hispanic				140,563	150,485	161,948	173,388	183,607	384,586	201,511	209,741	216,812	222,976
All	123,911	134,422	144,737	155,303	167,336	180,692	194,187	207,053	218,069	229,009	238,954	247,854	255,597

Table H.12.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	13	*	*	*	*	*	*	11	13	19	15	13
20-29	187	224	289	330	354	374	405	413	451	496	519	578	585
30-39	512	622	786	919	1,037	1,159	1,243	1,323	1,432	1,639	1,836	1,921	2,094
40-49	535	645	825	1,036	1,296	1,469	1,646	1,924	2,256	2,663	3,125	3,578	4,097
50-59	816	1,106	1,543	1,989	2,403	2,912	3,319	3,740	4,239	4,892	5,718	6,691	7,735
60-64	452	580	821	1,147	1,544	1,899	2,240	2,589	3,103	3,615	4,266	5,024	5,675
65-69	336	457	679	889	1,233	1,571	1,929	2,475	3,015	3,698	4,405	5,269	6,342
70-79	203	323	514	734	1,069	1,382	1,800	2,281	2,771	3,481	4,511	5,702	7,045
80+	14	21	32	63	95	144	200	283	358	427	619	854	1,069
0-19	*	13	*	*	*	*	*	*	11	13	19	15	13
20-44	952	1,142	1,440	1,716	1,987	2,200	2,393	2,570	2,872	3,266	3,690	4,065	4,398
45-64	1,550	2,034	2,823	3,705	4,647	5,613	6,460	7,419	8,609	10,039	11,773	13,727	15,787
65-74	484	688	1,050	1,424	1,996	2,535	3,123	4,036	4,859	6,000	7,396	9,045	10,990
75+	68	113	176	262	401	563	805	1,004	1,286	1,606	2,138	2,779	3,467
Male	1,570	2,012	2,648	3,347	4,148	4,997	5,840	6,812	7,907	9,249	11,068	13,059	15,203
Female	1,493	1,978	2,851	3,768	4,891	5,921	6,950	8,227	9,730	11,676	13,949	16,572	19,452
White	2,032	2,571	3,463	4,403	5,421	6,376	7,316	8,508	9,913	11,752	14,102	16,562	19,227
Black	987	1,339	1,887	2,485	3,291	4,128	4,905	5,836	6,856	8,097	9,594	11,485	13,533
Native American	41	70	114	159	212	256	325	384	471	593	706	802	934
Asian	*	*	35	69	115	159	244	311	397	482	615	782	960
†Hispanic													
†Non-Hispanic													
All	3,063	3,990	5,499	7,115	9,039	10,919	12,790	15,039	17,637	20,925	25,017	29,631	34,654
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	15	13	11	*	*	*	*	*	*	*	*	*	*
20-29	597	562	547	557	543	530	551	566	598	588	558	551	554
30-39	2,285	2,446	2,609	2,676	2,771	2,868	2,935	3,050	3,188	3,228	3,230	3,381	3,497
40-49	4,535	5,084	5,521	6,162	6,844	7,355	7,919	8,436	8,888	9,367	9,789	10,250	10,605
50-59	8,746	9,866	11,015	12,127	13,688	15,368	17,093	18,742	20,292	21,786	23,040	24,258	25,659
60-64	6,296	7,013	7,705	8,559	9,523	10,501	11,612	12,528	13,346	14,225	15,085	15,847	16,555
65-69	7,385	8,277	9,248	10,235	11,306	12,526	13,535	14,580	15,374	16,267	16,892	17,574	18,205
70-79	8,387	9,933	11,619	13,460	15,576	17,911	19,881	21,766	23,616	25,062	26,293	27,342	28,050
80+	1,368	1,688	1,978	2,392	2,930	3,582	4,184	4,850	5,684	6,525	7,441	8,202	8,900
0-19	15	13	11	*	*	*	*	*	*	*	*	*	*
20-44	4,724	5,025	5,299	5,565	5,900	6,214	6,507	6,778	7,077	7,304	7,385	7,670	7,963
45-64	17,735	19,946	22,098	24,516	27,470	30,409	33,602	36,543	39,234	41,890	44,317	46,617	48,907
65-74	12,895	14,820	16,843	18,864	21,036	23,517	25,498	27,456	29,214	30,731	31,941	33,129	34,190
75+	4,245	5,077	6,003	7,223	8,777	10,502	12,103	13,741	15,460	17,123	18,685	19,989	20,965
Male	17,402	19,915	22,374	25,216	28,684	32,616	36,357	40,092	43,637	47,225	50,462	53,659	56,741
Female	22,211	24,965	27,880	30,961	34,508	38,033	41,358	44,433	47,357	49,831	51,873	53,754	55,289
White	21,859	24,614	27,636	30,655	34,584	38,941	42,925	47,182	51,432	55,174	58,317	61,421	64,217
Black	15,525	17,621	19,581	22,041	24,734	27,336	29,875	31,856	33,592	35,452	37,193	38,763	40,138
Native American	1,081	1,246	1,378	1,565	1,698	1,856	2,073	2,238	2,366	2,481	2,559	2,674	2,817
Asian	1,148	1,399	1,659	1,916	2,175	2,515	2,843	3,249	3,604	3,948	4,265	4,555	4,859
†Hispanic				8,089	9,775	11,212	12,688	14,492	32,258	17,485	18,871	20,271	21,446
†Non-Hispanic				48,454	54,019	60,196	65,879	70,949	151,698	80,633	84,636	88,450	92,029
All	39,613	44,881	50,254	56,177	63,192	70,649	77,714	84,525	90,994	97,056	102,335	107,413	112,031

Table H.12.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	43	40	39	43	44	40	27	30	32	44	61	70	66
20-29	320	345	375	390	415	428	436	466	492	537	602	678	726
30-39	817	922	1,054	1,180	1,287	1,402	1,494	1,634	1,798	2,000	2,163	2,355	2,565
40-49	1,232	1,438	1,674	1,890	2,158	2,340	2,434	2,545	2,782	3,139	3,579	4,018	4,564
50-59	1,587	1,906	2,346	2,809	3,105	3,365	3,581	3,794	4,127	4,488	4,884	5,183	5,633
60-64	810	982	1,302	1,602	1,957	2,242	2,512	2,712	2,929	3,127	3,384	3,668	4,038
65-69	737	899	1,206	1,588	2,040	2,342	2,631	3,008	3,506	3,894	4,469	4,995	5,351
70-79	730	1,023	1,506	2,083	2,738	3,331	3,957	4,770	5,534	6,384	7,425	8,616	9,963
80+	81	141	241	361	559	690	934	1,207	1,535	1,880	2,365	2,977	3,594
0-19	43	40	39	43	44	40	27	30	32	44	61	70	66
20-44	1,715	1,951	2,188	2,444	2,673	2,866	3,005	3,224	3,532	3,964	4,452	4,969	5,471
45-64	3,051	3,642	4,563	5,427	6,249	6,911	7,451	7,928	8,596	9,328	10,159	10,932	12,055
65-74	1,244	1,592	2,201	2,914	3,723	4,335	4,934	5,736	6,617	7,454	8,555	9,769	10,852
75+	304	472	752	1,118	1,613	2,027	2,587	3,250	3,958	4,705	5,704	6,819	8,056
Male	3,700	4,495	5,656	6,866	8,150	9,186	10,103	11,221	12,636	14,186	16,180	18,328	20,517
Female	2,658	3,201	4,087	5,080	6,153	6,993	7,901	8,945	10,099	11,308	12,752	14,233	15,982
White	2,694	3,290	4,304	5,316	6,273	7,018	7,820	8,787	9,925	11,119	12,730	14,422	16,171
Black	3,632	4,358	5,357	6,509	7,880	8,959	9,922	11,066	12,420	13,907	15,627	17,424	19,457
Native American	12	19	26	31	41	51	57	61	81	86	104	120	158
Asian	19	28	56	91	108	151	205	253	309	382	470	594	713
†Hispanic													
†Non-Hispanic													
All	6,358	7,697	9,743	11,946	14,303	16,179	18,004	20,166	22,735	25,494	28,932	32,560	36,499
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	60	55	47	42	43	47	50	45	33	26	32	51	44
20-29	792	864	884	902	947	999	1,068	1,084	1,064	1,041	1,026	973	941
30-39	2,753	2,857	2,979	3,096	3,231	3,302	3,442	3,639	3,723	3,899	4,007	4,133	4,181
40-49	4,995	5,415	5,865	6,311	6,770	7,208	7,627	8,075	8,317	8,699	8,984	9,332	9,540
50-59	6,196	6,668	7,132	7,372	7,674	8,158	8,852	9,541	10,184	10,880	11,529	12,319	12,988
60-64	4,224	4,490	4,621	4,668	4,774	4,868	4,964	5,169	5,448	5,689	5,960	6,280	6,564
65-69	5,758	6,216	6,381	6,378	6,509	6,652	6,831	6,943	7,017	7,229	7,419	7,581	7,689
70-79	11,187	12,308	13,330	13,946	14,608	15,550	16,386	17,068	17,487	17,851	18,360	18,505	18,574
80+	4,348	4,977	5,592	6,088	6,666	7,379	8,266	9,122	10,035	10,978	11,999	12,950	13,615
0-19	60	55	47	42	43	47	50	45	33	26	32	51	44
20-44	5,951	6,243	6,497	6,826	7,173	7,496	7,908	8,296	8,465	8,732	8,798	9,010	9,126
45-64	13,009	14,051	14,983	15,524	16,224	17,039	18,046	19,212	20,270	21,478	22,709	24,028	25,088
65-74	11,969	12,983	13,603	13,826	14,164	14,618	15,038	15,333	15,525	15,866	16,206	16,364	16,444
75+	9,325	10,518	11,700	12,586	13,619	14,963	16,446	17,800	19,015	20,191	21,571	22,672	23,434
Male	22,754	24,908	26,620	27,750	29,429	31,254	33,244	35,204	36,870	38,749	40,572	42,054	43,187
Female	17,560	18,942	20,211	21,054	21,794	22,909	24,243	25,483	26,439	27,544	28,745	30,070	30,949
White	17,833	19,472	20,735	21,384	22,517	23,905	25,557	27,158	28,573	29,969	31,458	32,769	33,760
Black	21,436	23,173	24,772	26,000	27,164	28,586	30,073	31,473	32,492	33,855	35,170	36,544	37,462
Native American	172	178	197	202	217	228	249	254	257	268	274	289	298
Asian	873	1,026	1,128	1,219	1,326	1,443	1,609	1,801	1,986	2,200	2,415	2,523	2,615
†Hispanic				2,904	3,207	3,523	3,918	4,425	9,770	5,261	5,617	5,980	6,313
†Non-Hispanic				46,021	48,193	50,861	53,820	56,537	117,503	61,404	64,142	66,630	68,369
All	40,314	43,850	46,831	48,804	51,223	54,163	57,488	60,686	63,308	66,293	69,317	72,124	74,135

Table H.12.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	354	359	366	333	310	290	278	273	280	298	294	280	262
20-29	1,281	1,290	1,361	1,384	1,422	1,410	1,388	1,401	1,412	1,446	1,546	1,571	1,606
30-39	1,552	1,696	1,846	2,024	2,169	2,300	2,341	2,435	2,569	2,629	2,746	2,791	2,961
40-49	1,358	1,476	1,606	1,752	2,002	2,077	2,148	2,238	2,409	2,612	2,855	3,050	3,291
50-59	1,537	1,688	1,840	2,024	2,208	2,281	2,333	2,417	2,430	2,510	2,539	2,625	2,807
60-64	691	783	958	1,114	1,240	1,356	1,412	1,453	1,507	1,525	1,545	1,562	1,552
65-69	595	647	750	879	1,061	1,151	1,297	1,431	1,578	1,662	1,775	1,891	1,915
70-79	491	594	757	977	1,228	1,436	1,640	1,841	2,046	2,235	2,460	2,748	3,012
80+	48	70	110	150	209	268	332	428	471	561	663	791	889
0-19	354	359	366	333	310	290	278	273	280	298	294	280	262
20-44	3,543	3,749	3,997	4,272	4,605	4,762	4,829	5,026	5,233	5,444	5,814	6,020	6,328
45-64	2,876	3,182	3,614	4,026	4,436	4,663	4,794	4,919	5,094	5,277	5,416	5,579	5,889
65-74	923	1,026	1,229	1,504	1,842	2,047	2,299	2,543	2,821	2,974	3,240	3,489	3,648
75+	212	284	388	503	656	809	969	1,156	1,275	1,484	1,657	1,941	2,168
Male	4,681	5,068	5,665	6,295	7,012	7,444	7,741	8,130	8,518	8,964	9,567	10,135	10,777
Female	3,226	3,533	3,929	4,342	4,837	5,126	5,427	5,787	6,185	6,513	6,855	7,175	7,519
White	5,967	6,402	7,017	7,629	8,315	8,659	8,964	9,375	9,831	10,165	10,647	11,165	11,626
Black	1,796	2,020	2,364	2,734	3,166	3,478	3,723	4,023	4,308	4,657	5,064	5,380	5,799
Native American	56	64	68	87	112	110	116	128	127	137	140	148	165
Asian	88	115	146	187	257	323	364	391	436	518	572	617	705
†Hispanic													
†Non-Hispanic													
All	7,908	8,601	9,594	10,638	11,849	12,570	13,169	13,917	14,703	15,477	16,422	17,309	18,295
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	284	290	274	299	307	303	315	291	288	285	299	276	271
20-29	1,626	1,713	1,783	1,847	1,891	1,970	2,049	2,072	2,014	2,005	1,993	1,999	1,939
30-39	3,110	3,154	3,276	3,441	3,590	3,659	3,733	3,815	3,837	3,846	3,919	3,970	3,924
40-49	3,544	3,791	4,019	4,336	4,617	4,903	5,147	5,360	5,444	5,567	5,578	5,539	5,610
50-59	2,950	3,068	3,204	3,401	3,673	3,924	4,269	4,593	4,916	5,298	5,452	5,644	5,827
60-64	1,516	1,606	1,618	1,649	1,678	1,749	1,820	1,909	1,958	1,997	2,083	2,203	2,206
65-69	1,967	1,957	1,990	1,989	2,006	2,064	2,136	2,157	2,150	2,095	2,031	2,081	2,073
70-79	3,247	3,476	3,705	3,858	4,115	4,367	4,528	4,628	4,531	4,482	4,442	4,206	4,106
80+	959	1,109	1,241	1,387	1,498	1,621	1,704	1,831	1,929	2,040	2,100	2,159	2,194
0-19	284	290	274	299	307	303	315	291	288	285	299	276	271
20-44	6,635	6,828	7,091	7,442	7,746	8,020	8,273	8,453	8,414	8,522	8,562	8,579	8,555
45-64	6,111	6,503	6,808	7,232	7,703	8,184	8,744	9,296	9,755	10,191	10,463	10,777	10,952
65-74	3,848	3,949	4,082	4,165	4,198	4,404	4,520	4,571	4,536	4,433	4,270	4,185	4,150
75+	2,325	2,593	2,854	3,069	3,421	3,648	3,847	4,045	4,074	4,183	4,303	4,261	4,223
Male	11,392	12,037	12,566	13,214	14,050	14,858	15,580	16,131	16,387	16,740	16,873	16,965	17,108
Female	7,811	8,125	8,544	8,991	9,325	9,702	10,119	10,525	10,680	10,874	11,024	11,112	11,042
White	11,999	12,487	12,952	13,473	14,043	14,659	15,197	15,595	15,741	15,893	15,866	15,871	15,905
Black	6,240	6,603	6,975	7,452	7,938	8,400	8,864	9,345	9,559	9,844	10,080	10,249	10,234
Native American	187	202	221	234	254	276	312	316	331	355	377	379	395
Asian	777	870	962	1,047	1,140	1,225	1,326	1,402	1,436	1,522	1,574	1,579	1,616
†Hispanic				2,072	2,323	2,527	2,655	2,801	5,885	2,988	3,087	3,200	3,293
†Non-Hispanic				20,199	21,152	22,162	23,196	24,020	48,622	24,844	25,068	25,149	25,141
All	19,203	20,162	21,110	22,205	23,375	24,560	25,700	26,657	27,068	27,614	27,897	28,078	28,150

Table H.12.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	517	527	521	491	428	385	362	352	376	385	372	380	356
20-29	1,482	1,497	1,470	1,459	1,504	1,516	1,465	1,429	1,453	1,531	1,617	1,596	1,628
30-39	2,058	2,141	2,129	2,077	2,097	2,026	2,050	2,100	2,201	2,295	2,418	2,554	2,688
40-49	3,169	3,194	3,122	2,936	3,057	2,861	2,695	2,665	2,681	2,778	2,884	3,080	3,308
50-59	5,549	5,667	5,578	5,401	5,244	4,836	4,506	4,298	4,091	3,992	3,869	3,906	3,942
60-64	2,823	3,019	3,109	3,080	3,231	3,166	3,015	2,872	2,813	2,746	2,667	2,576	2,578
65-69	2,681	2,764	2,673	2,666	2,954	2,903	2,859	2,927	3,069	3,090	3,098	3,126	3,111
70-79	2,730	2,943	3,012	3,149	3,725	3,858	3,877	4,027	4,241	4,395	4,491	4,714	5,069
80+	362	412	444	536	710	757	853	928	1,084	1,226	1,332	1,457	1,599
0-19	517	527	521	491	428	385	362	352	376	385	372	380	356
20-44	4,949	5,043	4,968	4,828	4,983	4,802	4,717	4,780	4,878	5,130	5,398	5,682	5,926
45-64	10,131	10,475	10,440	10,124	10,150	9,603	9,014	8,583	8,360	8,212	8,059	8,032	8,217
65-74	4,494	4,719	4,606	4,688	5,279	5,254	5,227	5,311	5,554	5,651	5,662	5,848	6,045
75+	1,279	1,400	1,523	1,663	2,110	2,264	2,362	2,571	2,840	3,061	3,258	3,449	3,734
Male	11,102	11,453	11,191	10,991	11,461	11,049	10,726	10,546	10,821	11,069	11,259	11,687	12,231
Female	10,268	10,711	10,867	10,803	11,489	11,260	10,957	11,052	11,188	11,370	11,490	11,704	12,048
White	15,619	16,086	15,961	15,790	16,605	16,148	15,777	15,698	15,896	16,119	16,213	16,508	17,094
Black	5,587	5,895	5,870	5,732	6,017	5,794	5,495	5,435	5,585	5,718	5,893	6,191	6,406
Native American	60	67	74	90	102	108	114	125	127	142	149	159	163
Asian	104	117	153	182	227	259	296	340	400	460	495	533	616
†Hispanic													
†Non-Hispanic													
All	21,370	22,165	22,058	21,794	22,950	22,309	21,683	21,598	22,008	22,439	22,749	23,391	24,279
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	370	373	403	430	427	439	462	458	430	488	495	510	518
20-29	1,672	1,677	1,699	1,762	1,833	1,874	1,947	2,006	2,056	2,051	2,093	2,098	2,188
30-39	2,784	2,905	3,040	3,188	3,303	3,485	3,582	3,693	3,809	3,857	3,914	3,917	3,853
40-49	3,392	3,611	3,812	4,194	4,505	4,818	5,276	5,676	5,924	6,112	6,381	6,477	6,629
50-59	3,945	4,090	4,252	4,392	4,581	4,984	5,455	5,835	6,335	6,792	7,210	7,515	7,806
60-64	2,562	2,468	2,438	2,507	2,555	2,676	2,796	2,955	3,015	3,054	3,216	3,471	3,766
65-69	3,095	3,137	3,139	3,191	3,234	3,265	3,315	3,438	3,565	3,701	3,720	3,752	3,749
70-79	5,197	5,349	5,658	6,042	6,484	6,903	7,263	7,607	7,740	7,846	7,962	7,912	8,056
80+	1,763	1,920	2,101	2,411	2,623	2,878	3,191	3,517	3,825	4,145	4,414	4,588	4,716
0-19	370	373	403	430	427	439	462	458	430	488	495	510	518
20-44	6,094	6,332	6,546	6,916	7,285	7,707	8,062	8,393	8,623	8,725	8,913	8,925	8,987
45-64	8,260	8,418	8,695	9,127	9,493	10,130	10,993	11,772	12,516	13,141	13,902	14,552	15,255
65-74	6,080	6,209	6,401	6,544	6,767	7,008	7,142	7,320	7,489	7,651	7,694	7,725	7,799
75+	3,975	4,196	4,498	5,100	5,575	6,037	6,626	7,241	7,641	8,040	8,402	8,527	8,722
Male	12,577	13,057	13,712	14,695	15,614	16,706	17,841	19,075	19,938	20,742	21,528	22,014	22,656
Female	12,202	12,473	12,831	13,422	13,932	14,615	15,444	16,110	16,761	17,304	17,878	18,225	18,625
White	17,289	17,670	18,288	19,259	20,190	21,302	22,528	23,777	24,812	25,615	26,364	26,818	27,500
Black	6,649	6,965	7,325	7,820	8,262	8,850	9,497	10,090	10,533	10,984	11,485	11,819	12,108
Native American	182	188	194	205	221	231	252	256	269	284	303	317	341
Asian	660	706	736	833	872	937	1,008	1,061	1,086	1,163	1,254	1,285	1,332
†Hispanic				2,316	2,552	2,737	2,963	3,277	7,089	3,692	3,844	4,040	4,264
†Non-Hispanic				25,889	27,121	28,730	30,493	32,101	66,763	34,630	35,896	36,583	37,437
All	24,780	25,530	26,542	28,117	29,546	31,321	33,285	35,185	36,699	38,046	39,406	40,239	41,281



Table H.12.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	1,360	1,378	1,333	1,281	1,146	1,079	1,011	982	1,014	1,070	1,046	1,044	1,015
20-29	4,308	4,442	4,665	4,777	4,944	5,012	5,056	4,992	5,042	5,324	5,622	5,775	5,886
30-39	6,346	6,924	7,522	8,002	8,516	8,936	9,380	9,768	10,336	11,044	11,707	12,167	13,000
40-49	7,936	8,536	9,057	9,632	10,653	11,135	11,447	12,144	12,979	14,306	15,819	17,348	19,258
50-59	11,937	13,062	14,237	15,338	16,181	16,908	17,515	18,197	19,166	20,451	21,814	23,456	25,578
60-64	6,193	6,863	7,879	8,930	10,150	11,085	11,885	12,510	13,518	14,431	15,497	16,786	18,009
65-69	5,805	6,268	6,955	8,157	9,562	10,488	11,593	13,134	14,800	16,518	18,329	20,225	22,160
70-79	5,733	6,747	7,945	9,891	12,019	13,847	15,638	17,866	20,119	22,938	26,057	29,875	34,484
80+	766	964	1,265	1,703	2,292	2,809	3,447	4,177	5,116	6,110	7,297	8,833	10,380
0-19	1,360	1,378	1,333	1,281	1,146	1,079	1,011	982	1,014	1,070	1,046	1,044	1,015
20-44	14,369	15,362	16,323	17,209	18,418	19,055	19,733	20,478	21,420	23,058	24,879	26,389	28,074
45-64	22,351	24,465	27,037	29,470	32,026	34,021	35,550	37,133	39,621	42,498	45,580	49,143	53,657
65-74	9,595	10,697	12,112	14,481	17,050	18,966	21,026	23,796	26,617	29,891	33,438	37,636	42,284
75+	2,709	3,282	4,053	5,270	6,823	8,178	9,652	11,381	13,418	15,675	18,245	21,297	24,740
Male	27,651	30,301	33,058	36,581	40,457	43,490	46,232	49,453	53,449	58,594	64,345	70,583	77,807
Female	22,733	24,883	27,800	31,130	35,006	37,809	40,740	44,317	48,641	53,598	58,843	64,926	71,963
White	34,668	37,421	40,573	44,281	48,578	51,314	54,238	57,818	62,191	67,450	73,448	80,051	87,695
Black	15,225	17,107	19,353	22,216	25,317	28,082	30,414	33,263	36,768	41,062	45,447	50,580	56,404
Native American	220	301	386	494	616	690	798	930	1,080	1,286	1,452	1,579	1,827
Asian	271	355	546	720	952	1,213	1,522	1,759	2,051	2,394	2,841	3,299	3,844
†Hispanic													
†Non-Hispanic													
All	50,384	55,184	60,858	67,711	75,463	81,299	86,972	93,770	102,090	112,192	123,188	135,509	149,770
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,023	1,027	1,045	1,086	1,057	1,100	1,165	1,095	1,080	1,137	1,173	1,158	1,169
20-29	6,047	6,131	6,221	6,342	6,508	6,667	6,869	7,017	7,042	6,981	6,909	6,835	6,878
30-39	13,677	14,215	14,764	15,301	15,807	16,268	16,685	17,181	17,654	17,944	18,150	18,429	18,473
40-49	20,660	22,190	23,791	25,877	27,938	29,817	31,769	33,434	34,726	36,188	37,193	38,152	39,035
50-59	27,626	30,139	32,129	34,116	37,290	40,734	44,697	48,283	52,021	55,653	58,464	61,222	64,057
60-64	18,925	20,131	21,026	22,370	23,830	25,505	27,172	28,813	30,355	31,605	33,501	35,139	36,527
65-69	23,977	25,773	26,921	28,432	30,337	32,203	33,851	35,283	36,595	37,989	38,893	39,933	40,692
70-79	38,281	42,117	46,058	50,233	55,331	60,651	65,366	68,836	72,052	74,281	76,071	77,193	78,158
80+	12,204	13,844	15,526	17,528	19,883	22,496	25,422	27,920	30,906	34,162	36,940	39,435	41,729
0-19	1,023	1,027	1,045	1,086	1,057	1,100	1,165	1,095	1,080	1,137	1,173	1,158	1,169
20-44	29,456	30,558	31,696	33,032	34,516	36,107	37,492	38,690	39,513	40,387	40,619	41,110	41,652
45-64	57,479	62,248	66,235	70,974	76,857	82,884	89,700	96,038	102,285	107,984	113,598	118,667	123,318
65-74	46,371	50,458	53,706	57,184	61,313	65,694	69,213	71,956	74,715	76,992	78,485	79,871	81,111
75+	28,091	31,276	34,799	39,009	44,238	49,656	55,426	60,083	64,838	69,440	73,419	76,690	79,468
Male	84,624	91,718	97,826	105,249	114,618	124,373	134,378	142,881	151,246	159,502	166,357	172,902	179,020
Female	77,796	83,849	89,655	96,036	103,363	111,068	118,618	124,981	131,185	136,438	140,937	144,594	147,698
White	94,032	100,699	107,017	114,358	124,043	134,232	144,477	153,495	162,515	170,444	176,521	182,388	187,764
Black	61,910	67,451	72,259	77,784	83,932	90,200	96,274	101,136	105,789	110,271	114,755	118,231	121,332
Native American	2,058	2,280	2,505	2,777	2,981	3,245	3,602	3,845	3,983	4,202	4,293	4,480	4,687
Asian	4,420	5,137	5,700	6,366	7,025	7,764	8,643	9,386	10,144	11,023	11,725	12,397	12,935
†Hispanic				20,093	23,008	25,735	28,499	32,178	69,516	37,170	39,567	41,902	43,935
†Non-Hispanic				182,197	196,385	211,370	226,405	237,803	499,918	261,233	270,572	278,720	286,054
All	162,420	175,567	187,481	201,285	217,981	235,441	252,996	267,862	282,431	295,940	307,294	317,496	326,718

Table H.12.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	16	21	21	12	13	16	18	16	19	20	25	23	22
20-29	317	391	488	549	602	654	704	699	743	806	813	896	866
30-39	799	971	1,216	1,376	1,595	1,764	1,966	2,006	2,148	2,445	2,628	2,737	2,943
40-49	778	978	1,232	1,521	1,877	2,125	2,410	2,795	3,180	3,816	4,355	4,942	5,606
50-59	1,179	1,605	2,243	2,811	3,359	4,101	4,637	5,238	5,893	6,773	7,814	9,043	10,291
60-64	649	839	1,209	1,650	2,188	2,657	3,144	3,630	4,311	5,033	5,884	6,856	7,675
65-69	501	717	970	1,322	1,779	2,252	2,796	3,549	4,254	5,245	6,222	7,356	8,728
70-79	302	505	813	1,124	1,604	2,084	2,683	3,329	4,041	5,088	6,533	8,100	10,029
80+	19	32	61	104	161	219	303	427	570	680	930	1,280	1,594
0-19	16	21	21	12	13	16	18	16	19	20	25	23	22
20-44	1,484	1,825	2,255	2,612	3,077	3,388	3,770	3,946	4,294	4,904	5,319	5,800	6,178
45-64	2,238	2,959	4,133	5,295	6,544	7,913	9,091	10,422	11,981	13,969	16,175	18,674	21,203
65-74	717	1,079	1,557	2,132	2,904	3,679	4,585	5,787	6,922	8,589	10,509	12,642	15,300
75+	105	175	287	418	640	876	1,197	1,518	1,943	2,424	3,176	4,094	5,051
Male	2,374	3,070	4,009	4,995	6,171	7,439	8,699	10,031	11,516	13,499	15,838	18,366	21,169
Female	2,186	2,989	4,244	5,474	7,007	8,433	9,962	11,658	13,643	16,407	19,366	22,867	26,585
White	3,117	4,036	5,423	6,719	8,305	9,730	11,254	12,923	14,872	17,651	20,746	24,119	27,744
Black	1,379	1,899	2,604	3,421	4,400	5,544	6,602	7,785	9,073	10,762	12,643	15,000	17,512
Native American	57	105	161	224	301	350	437	522	653	817	946	1,048	1,216
Asian	*	19	65	105	172	248	368	459	561	676	869	1,066	1,282
†Hispanic													
†Non-Hispanic													
All	4,560	6,059	8,253	10,469	13,178	15,872	18,661	21,689	25,159	29,906	35,204	41,233	47,754
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	25	18	16	15	15	12	12	12	14	12	*	*	*
20-29	890	840	783	799	787	755	778	793	847	817	781	772	778
30-39	3,166	3,378	3,554	3,616	3,705	3,816	3,924	4,002	4,176	4,254	4,238	4,417	4,494
40-49	6,129	6,752	7,306	8,140	8,988	9,660	10,312	10,881	11,408	12,028	12,452	13,006	13,401
50-59	11,557	12,993	14,341	15,792	17,845	19,946	22,123	24,080	26,098	27,719	29,187	30,574	32,058
60-64	8,394	9,305	10,182	11,352	12,508	13,827	15,088	16,208	17,237	18,188	19,324	20,167	20,883
65-69	10,001	11,145	12,313	13,673	15,160	16,643	17,989	19,182	20,223	21,171	21,883	22,636	23,215
70-79	11,821	13,839	16,021	18,560	21,578	24,641	27,422	29,704	32,227	33,838	35,233	36,408	37,190
80+	2,002	2,437	2,920	3,589	4,364	5,336	6,330	7,161	8,334	9,541	10,665	11,649	12,605
0-19	25	18	16	15	15	12	12	12	14	12	*	*	*
20-44	6,585	6,931	7,217	7,492	7,916	8,276	8,617	8,904	9,287	9,558	9,636	9,960	10,246
45-64	23,551	26,337	28,949	32,207	35,917	39,728	43,608	47,060	50,479	53,448	56,346	58,976	61,368
65-74	17,706	20,172	22,685	25,411	28,494	31,589	34,280	36,507	38,830	40,438	41,794	42,979	44,065
75+	6,118	7,249	8,569	10,411	12,608	15,031	17,461	19,540	21,954	24,112	25,987	27,714	28,945
Male	24,074	27,210	30,314	34,324	38,946	44,045	49,120	53,488	58,273	62,491	66,353	70,345	73,809
Female	29,911	33,497	37,122	41,212	46,004	50,591	54,858	58,535	62,291	65,077	67,418	69,294	70,822
White	31,229	34,854	38,608	42,995	48,448	54,300	59,923	65,090	70,664	74,986	78,757	82,497	85,480
Black	19,860	22,415	24,880	27,995	31,435	34,715	37,715	39,954	42,377	44,467	46,524	48,108	49,622
Native American	1,379	1,568	1,760	1,989	2,148	2,340	2,619	2,811	2,919	3,089	3,144	3,286	3,428
Asian	1,517	1,870	2,188	2,557	2,919	3,281	3,721	4,168	4,604	5,026	5,346	5,748	6,101
†Hispanic				10,846	12,937	14,783	16,617	18,956	41,446	22,330	24,066	25,660	26,966
†Non-Hispanic				65,288	72,885	80,885	88,526	94,349	202,332	106,636	111,245	115,664	119,420
All	53,985	60,707	67,436	75,536	84,950	94,636	103,978	112,023	120,564	127,568	133,771	139,639	144,631

Table H.12.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	65	63	61	67	65	63	47	45	53	72	93	108	94
20-29	424	457	506	528	560	587	604	625	641	720	813	897	946
30-39	1,028	1,165	1,345	1,497	1,632	1,779	1,901	2,074	2,262	2,515	2,681	2,899	3,170
40-49	1,520	1,792	2,079	2,324	2,627	2,876	3,006	3,207	3,448	3,839	4,371	4,863	5,533
50-59	1,995	2,438	2,996	3,505	3,831	4,173	4,425	4,704	5,144	5,556	6,053	6,388	6,965
60-64	1,038	1,291	1,693	2,098	2,483	2,887	3,238	3,464	3,735	4,066	4,347	4,745	5,162
65-69	982	1,255	1,691	2,140	2,696	3,063	3,482	4,008	4,664	5,195	5,927	6,556	7,059
70-79	1,026	1,515	2,167	2,975	3,867	4,713	5,530	6,735	7,770	9,022	10,336	11,958	13,786
80+	133	234	402	565	820	1,114	1,421	1,821	2,337	2,855	3,547	4,371	5,300
0-19	65	63	61	67	65	63	47	45	53	72	93	108	94
20-44	2,157	2,476	2,804	3,105	3,368	3,632	3,842	4,142	4,455	4,994	5,580	6,144	6,788
45-64	3,848	4,667	5,815	6,847	7,765	8,670	9,332	9,932	10,775	11,702	12,685	13,648	14,988
65-74	1,672	2,268	3,117	3,988	5,020	5,847	6,661	7,816	8,992	10,143	11,502	13,058	14,553
75+	469	736	1,143	1,692	2,363	3,043	3,772	4,748	5,779	6,929	8,308	9,827	11,592
Male	4,823	5,972	7,580	9,095	10,692	12,166	13,450	15,031	16,885	19,006	21,565	24,162	27,090
Female	3,388	4,238	5,360	6,604	7,889	9,089	10,204	11,652	13,169	14,834	16,603	18,623	20,925
White	3,642	4,616	6,064	7,317	8,586	9,831	10,905	12,417	14,069	15,806	18,008	20,329	22,853
Black	4,527	5,527	6,754	8,214	9,777	11,145	12,392	13,817	15,462	17,409	19,395	21,529	24,053
Native American	18	25	33	43	60	69	71	88	98	117	132	154	196
Asian	24	42	89	125	158	210	286	361	425	508	633	773	913
†Hispanic													
†Non-Hispanic													
All	8,211	10,210	12,940	15,699	18,581	21,255	23,654	26,683	30,054	33,840	38,168	42,785	48,015
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	94	87	71	62	64	67	71	60	46	41	47	75	66
20-29	1,029	1,095	1,112	1,105	1,152	1,237	1,286	1,307	1,301	1,271	1,231	1,160	1,132
30-39	3,340	3,486	3,542	3,693	3,798	3,906	4,075	4,267	4,394	4,572	4,706	4,796	4,879
40-49	5,986	6,483	6,971	7,389	7,945	8,448	8,914	9,385	9,701	10,146	10,483	10,829	11,119
50-59	7,539	8,291	8,556	8,769	9,232	9,747	10,615	11,359	12,181	13,080	13,767	14,609	15,363
60-64	5,386	5,710	5,756	5,753	5,987	6,093	6,242	6,482	6,809	6,979	7,454	7,782	8,086
65-69	7,549	8,150	8,085	8,112	8,341	8,622	8,766	8,860	9,018	9,295	9,479	9,751	9,818
70-79	15,414	16,726	17,764	18,544	19,690	21,046	22,196	22,935	23,489	24,097	24,503	24,632	24,627
80+	6,380	7,211	7,903	8,637	9,688	10,745	12,023	13,231	14,488	15,838	17,123	18,351	19,366
0-19	94	87	71	62	64	67	71	60	46	41	47	75	66
20-44	7,242	7,593	7,781	8,102	8,448	8,914	9,338	9,712	9,934	10,268	10,307	10,483	10,688
45-64	16,038	17,472	18,156	18,607	19,666	20,517	21,794	23,088	24,452	25,780	27,334	28,693	29,891
65-74	15,954	17,255	17,592	17,896	18,453	19,219	19,673	19,961	20,221	20,764	21,018	21,297	21,231
75+	13,389	14,832	16,160	17,397	19,266	21,194	23,312	25,065	26,774	28,466	30,087	31,437	32,580
Male	29,829	32,541	33,909	35,258	37,793	40,173	42,681	44,864	47,049	49,493	51,501	53,344	54,826
Female	22,888	24,698	25,851	26,806	28,104	29,738	31,507	33,022	34,378	35,826	37,292	38,641	39,630
White	25,054	27,120	28,146	29,008	31,060	33,085	35,359	37,360	39,292	41,321	42,934	44,579	45,796
Black	26,320	28,572	29,945	31,280	32,897	34,691	36,441	37,944	39,322	40,906	42,515	43,881	45,028
Native American	216	234	238	245	259	289	307	326	338	329	337	371	378
Asian	1,127	1,313	1,431	1,531	1,681	1,846	2,081	2,256	2,475	2,763	3,007	3,154	3,254
†Hispanic				3,766	4,082	4,480	4,977	5,701	12,320	6,655	7,077	7,489	7,852
†Non-Hispanic				58,479	62,057	65,714	69,532	72,550	151,382	79,116	82,285	85,103	87,251
All	52,717	57,239	59,760	62,064	65,897	69,911	74,188	77,886	81,427	85,319	88,793	91,985	94,456

Table H.12.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	506	531	525	500	459	419	410	410	418	440	420	402	394
20-29	1,632	1,658	1,775	1,801	1,859	1,829	1,846	1,839	1,812	1,868	1,988	2,010	2,012
30-39	1,897	2,109	2,290	2,539	2,686	2,843	2,908	3,035	3,168	3,210	3,380	3,420	3,562
40-49	1,646	1,808	1,986	2,168	2,448	2,560	2,625	2,774	2,944	3,152	3,467	3,685	3,964
50-59	1,848	2,066	2,293	2,474	2,678	2,750	2,856	2,965	3,016	3,090	3,138	3,196	3,395
60-64	828	976	1,186	1,376	1,545	1,646	1,742	1,800	1,875	1,872	1,931	1,944	1,930
65-69	733	817	982	1,110	1,350	1,461	1,627	1,817	2,002	2,093	2,236	2,380	2,377
70-79	649	810	1,043	1,317	1,635	1,919	2,186	2,426	2,689	2,978	3,250	3,562	3,972
80+	68	103	171	220	290	392	465	583	667	810	952	1,107	1,228
0-19	506	531	525	500	459	419	410	410	418	440	420	402	394
20-44	4,390	4,699	5,047	5,420	5,792	5,963	6,098	6,337	6,508	6,709	7,211	7,439	7,684
45-64	3,461	3,918	4,483	4,938	5,424	5,665	5,879	6,076	6,307	6,483	6,693	6,816	7,179
65-74	1,155	1,331	1,636	1,943	2,366	2,635	2,948	3,267	3,601	3,841	4,149	4,420	4,639
75+	295	399	560	704	909	1,137	1,330	1,559	1,757	2,040	2,289	2,629	2,938
Male	5,835	6,487	7,326	8,090	8,988	9,486	9,986	10,460	10,907	11,478	12,242	12,862	13,574
Female	3,972	4,391	4,925	5,415	5,962	6,333	6,679	7,189	7,684	8,035	8,520	8,844	9,260
White	7,469	8,196	9,047	9,774	10,620	11,042	11,534	12,103	12,593	13,037	13,744	14,271	14,858
Black	2,158	2,451	2,918	3,358	3,868	4,218	4,510	4,876	5,263	5,658	6,103	6,454	6,889
Native American	68	80	90	110	132	136	139	163	165	171	183	188	204
Asian	112	151	196	263	330	423	482	507	570	647	732	793	883
†Hispanic													
†Non-Hispanic													
All	9,807	10,878	12,251	13,505	14,950	15,819	16,665	17,649	18,591	19,513	20,762	21,706	22,834
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	404	407	402	418	416	420	429	406	408	404	421	394	371
20-29	2,039	2,116	2,210	2,255	2,333	2,370	2,429	2,475	2,395	2,404	2,383	2,361	2,337
30-39	3,705	3,733	3,891	4,055	4,226	4,317	4,340	4,438	4,456	4,483	4,518	4,576	4,495
40-49	4,258	4,476	4,734	5,141	5,441	5,737	6,005	6,270	6,353	6,499	6,513	6,447	6,474
50-59	3,575	3,735	3,936	4,085	4,417	4,716	5,130	5,462	5,869	6,360	6,432	6,677	6,856
60-64	1,897	2,003	2,009	2,057	2,075	2,168	2,246	2,304	2,385	2,451	2,545	2,706	2,667
65-69	2,459	2,467	2,477	2,521	2,552	2,627	2,708	2,692	2,677	2,623	2,581	2,559	2,577
70-79	4,184	4,495	4,741	4,972	5,279	5,592	5,825	5,861	5,742	5,693	5,570	5,293	5,176
80+	1,324	1,544	1,717	1,882	2,051	2,216	2,382	2,476	2,574	2,784	2,786	2,868	2,905
0-19	404	407	402	418	416	420	429	406	408	404	421	394	371
20-44	8,012	8,149	8,511	8,877	9,201	9,480	9,680	9,897	9,815	9,999	9,986	9,963	9,925
45-64	7,462	7,914	8,269	8,716	9,291	9,828	10,470	11,052	11,643	12,198	12,405	12,804	12,904
65-74	4,863	5,001	5,114	5,277	5,379	5,594	5,726	5,700	5,668	5,570	5,378	5,206	5,181
75+	3,104	3,505	3,821	4,098	4,503	4,841	5,189	5,329	5,325	5,530	5,559	5,514	5,477
Male	14,263	14,995	15,671	16,415	17,396	18,237	19,112	19,642	19,943	20,424	20,491	20,567	20,669
Female	9,582	9,981	10,446	10,971	11,394	11,926	12,382	12,742	12,916	13,277	13,258	13,314	13,189
White	15,256	15,861	16,421	17,116	17,832	18,556	19,227	19,552	19,666	20,107	19,870	19,761	19,730
Black	7,402	7,795	8,254	8,706	9,285	9,783	10,309	10,760	11,087	11,366	11,587	11,789	11,761
Native American	226	246	273	287	307	341	369	391	389	419	441	432	450
Asian	961	1,074	1,169	1,277	1,366	1,483	1,589	1,681	1,717	1,809	1,851	1,899	1,917
†Hispanic				2,550	2,820	3,063	3,169	3,353	7,048	3,625	3,688	3,833	3,869
†Non-Hispanic				24,928	26,102	27,255	28,515	29,230	59,146	30,337	30,376	30,391	30,332
All	23,845	24,976	26,117	27,386	28,790	30,163	31,494	32,384	32,859	33,701	33,749	33,881	33,858

Table H.12.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	773	763	726	702	609	581	536	511	524	538	508	511	505
20-29	1,935	1,936	1,896	1,899	1,923	1,942	1,902	1,829	1,846	1,930	2,008	1,972	2,062
30-39	2,622	2,679	2,671	2,590	2,603	2,550	2,605	2,653	2,758	2,874	3,018	3,111	3,325
40-49	3,992	3,958	3,760	3,619	3,701	3,574	3,406	3,368	3,407	3,499	3,626	3,858	4,155
50-59	6,915	6,953	6,705	6,548	6,313	5,884	5,597	5,290	5,113	5,032	4,809	4,829	4,927
60-64	3,678	3,757	3,791	3,806	3,934	3,895	3,761	3,616	3,597	3,460	3,335	3,241	3,242
65-69	3,589	3,479	3,312	3,585	3,737	3,712	3,688	3,760	3,880	3,985	3,944	3,933	3,996
70-79	3,756	3,917	3,922	4,475	4,913	5,131	5,239	5,376	5,619	5,850	5,938	6,255	6,697
80+	546	595	631	814	1,021	1,084	1,258	1,346	1,542	1,765	1,868	2,075	2,258
0-19	773	763	726	702	609	581	536	511	524	538	508	511	505
20-44	6,338	6,362	6,217	6,072	6,181	6,072	6,023	6,053	6,163	6,451	6,769	7,006	7,424
45-64	12,804	12,921	12,606	12,390	12,293	11,773	11,248	10,703	10,558	10,344	10,027	10,005	10,287
65-74	6,051	6,019	5,802	6,418	6,760	6,805	6,832	6,926	7,102	7,318	7,278	7,516	7,792
75+	1,840	1,972	2,063	2,456	2,911	3,122	3,353	3,556	3,939	4,282	4,472	4,747	5,159
Male	14,619	14,772	14,143	14,401	14,606	14,399	14,097	13,931	14,141	14,611	14,700	15,193	15,974
Female	13,187	13,265	13,271	13,637	14,148	13,954	13,895	13,818	14,145	14,322	14,354	14,592	15,193
White	20,440	20,573	20,039	20,471	21,067	20,711	20,545	20,375	20,657	20,956	20,950	21,332	22,240
Black	7,161	7,230	7,077	7,223	7,272	7,175	6,910	6,785	6,970	7,233	7,306	7,597	7,950
Native American	77	91	102	117	123	135	151	157	164	181	191	189	211
Asian	128	143	196	227	292	332	386	432	495	563	607	667	766
†Hispanic													
†Non-Hispanic													
All	27,806	28,037	27,414	28,038	28,754	28,353	27,992	27,749	28,286	28,933	29,054	29,785	31,167
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	500	515	556	591	562	601	653	617	612	680	697	679	725
20-29	2,089	2,080	2,116	2,183	2,236	2,305	2,376	2,442	2,499	2,489	2,514	2,542	2,631
30-39	3,466	3,618	3,777	3,937	4,078	4,229	4,346	4,474	4,628	4,635	4,688	4,640	4,605
40-49	4,287	4,479	4,780	5,207	5,564	5,972	6,538	6,898	7,264	7,515	7,745	7,870	8,041
50-59	4,955	5,120	5,296	5,470	5,796	6,325	6,829	7,382	7,873	8,494	9,078	9,362	9,780
60-64	3,248	3,113	3,079	3,208	3,260	3,417	3,596	3,819	3,924	3,987	4,178	4,484	4,891
65-69	3,968	4,011	4,046	4,126	4,284	4,311	4,388	4,549	4,677	4,900	4,950	4,987	5,082
70-79	6,862	7,057	7,532	8,157	8,784	9,372	9,923	10,336	10,594	10,653	10,765	10,860	11,165
80+	2,498	2,652	2,986	3,420	3,780	4,199	4,687	5,052	5,510	5,999	6,366	6,567	6,853
0-19	500	515	556	591	562	601	653	617	612	680	697	679	725
20-44	7,617	7,885	8,187	8,561	8,951	9,437	9,857	10,177	10,477	10,562	10,690	10,704	10,793
45-64	10,428	10,525	10,861	11,444	11,983	12,811	13,828	14,838	15,711	16,558	17,513	18,194	19,155
65-74	7,848	8,030	8,315	8,600	8,987	9,292	9,534	9,788	9,996	10,220	10,295	10,389	10,634
75+	5,480	5,690	6,249	7,103	7,861	8,590	9,464	10,149	10,785	11,332	11,786	12,025	12,466
Male	16,458	16,972	17,932	19,252	20,483	21,918	23,465	24,887	25,981	27,094	28,012	28,646	29,716
Female	15,415	15,673	16,236	17,047	17,861	18,813	19,871	20,682	21,600	22,258	22,969	23,345	24,057
White	22,493	22,864	23,842	25,239	26,703	28,291	29,968	31,493	32,893	34,030	34,960	35,551	36,758
Black	8,328	8,669	9,180	9,803	10,315	11,011	11,809	12,478	13,003	13,532	14,129	14,453	14,921
Native American	237	232	234	256	267	275	307	317	337	365	371	391	431
Asian	815	880	912	1,001	1,059	1,154	1,252	1,281	1,348	1,425	1,521	1,596	1,663
†Hispanic				2,931	3,169	3,409	3,736	4,168	8,702	4,560	4,736	4,920	5,248
†Non-Hispanic				33,502	35,341	37,516	39,832	41,674	87,058	45,144	46,666	47,562	49,051
All	31,873	32,645	34,168	36,299	38,344	40,731	43,336	45,569	47,581	49,352	50,981	51,991	53,773

Table H.12.4 (supplement)

**Annual mortality rates: hemodialysis patients, unadjusted**

per 1,000 patient years at risk, period prevalent patients, 2005, by age as of January 1, gender, race, &amp; primary diagnosis

DIABETES	Male					Female					All				
	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All
0-19	70.5	60.9	46.2	37.3	70.5	82.5	68.4	49.1	42.5	71.9	73.8	68.4	47.7	39.9	71.3
20-29	115.1	96.4	73.8	61.1	104	127.4	110.3	76.6	72	114.1	121.5	105.3	76.2	66.2	110
30-39	143.3	103.9	88.9	71.3	125	163.5	122.2	90	77.6	139.5	151.4	112.5	89.6	74.2	131.4
40-49	167.9	126.2	110.6	107.5	149.5	182.5	140.7	118.9	111.6	159.5	173.1	132.6	114.5	109.3	153.5
50-59	196.2	149.5	146	129.5	175.2	201.8	158.2	144.6	136.8	178.9	198.5	153.7	145.3	132.4	176.8
60-64	246.4	182.6	182.8	161.8	219.2	243.9	190.1	171	166.3	217	245.3	186.5	176.5	163.7	218.2
65-69	286.6	217.1	222.3	213.5	259.6	287.9	220.5	212.9	189.4	254	287.2	219.1	216.6	202	256.7
70-79	387.4	290.7	290.7	266.4	354.1	364.5	283.4	263.5	269.3	328.2	375.8	286.2	273	268	339.9
80+	533.4	430.8	424.2	387.6	504.5	491.9	418.5	381.3	372.5	459.1	512.9	422.6	393.9	379.1	479.7
All	286.2	197.8	182.5	201.3	251.9	295.8	221.4	190.9	218.6	260.1	290.6	210.7	187.1	209.5	255.9
<b>HYPERTENSION</b>															
0-19	27.1	24.4	26	13.3	25.4	30.6	26.6	26.7	14.7	28.2	28.4	25.5	26	13.3	26.6
20-29	45.9	39.8	46.8	24.7	40.8	51.5	45.6	47.3	27	46.4	47.9	41.9	47	25.5	42.8
30-39	57.1	47.5	62.7	34	49.3	61.6	55.3	61	34.9	56	58.5	49.9	62.1	34.2	51.4
40-49	98.2	84.1	99.6	53.7	86.7	96.9	89.5	98.6	54.9	90	97.8	85.9	99.3	54.2	87.8
50-59	149.2	124	153.5	81.7	129.7	153.3	119.8	133.9	82.2	127.8	150.7	122.6	146.9	82	129
60-64	214	161.3	219.8	117	181.1	212.6	160.5	188	120.7	178.6	213.5	160.9	203	118.5	180.1
65-69	270.1	197.2	274.5	175	232.1	263.8	193.1	255.3	155.4	221.3	267.5	195.2	265.5	167	227.2
70-79	335.7	286	396.2	239.8	317.5	337.5	276.3	362.7	228.4	307.7	336.4	280.7	377.2	234	312.9
80+	485.5	453.4	635.9	385.3	476.3	471.3	402.4	565.8	356.7	445.9	479.2	420.9	595.9	371	461.5
All	311	154.6	228.8	192.6	228.6	326	192.6	266.8	202.4	252.5	317.1	170.6	245.6	197	238.5
<b>GLOMERULONEPHRITIS</b>															
0-19	23.9	24.2	20	10.3	23.2	25.4	24.6	19.4	10.8	24.6	24.4	24.4	19.7	10.5	23.8
20-29	38.9	37.9	36.7	19.1	37.2	46.9	41.3	33.7	19.6	42.3	41.8	39.2	35.5	19.3	39.1
30-39	49.4	48.2	47.9	25.8	47.5	53.4	43.7	44.2	25.4	46.2	50.9	46.4	45.9	25.6	47
40-49	88.6	89.5	73.2	40.2	86.5	77.4	76.8	69	38	74.5	84.6	84.9	71.6	39.2	82.2
50-59	129.8	124.2	104.8	57.9	123.8	115.5	97.7	97.4	58.1	103.5	124.5	114.8	101.6	58	116.2
60-64	160.8	156.8	149.9	84.7	155.4	164.9	134.7	134.2	81.4	149.8	162.4	147.6	143.2	83.2	153.2
65-69	211	190.6	200.4	115.5	200.6	208.6	163.4	173.4	112.1	188	210.1	177.5	191.3	114	195.4
70-79	283.6	240.5	278.5	191.4	271.7	262.4	237.2	241.5	151.9	249.4	274.9	238.8	257.7	171.8	262
80+	405.6	366.7	447.6	266.7	395	413.5	340.8	370.8	259.8	392.8	408.6	353.5	400.8	263.6	394.1
All	174.6	108.5	107.6	85.7	145.5	172.3	104	104.3	80.6	140	173.8	106.7	106.2	83.3	143.4
<b>OTHER</b>															
0-19	35.4	42.2	29.5	19	36.9	40.1	47.6	29.4	20.1	42.2	37.5	44.8	29.5	19.4	39.3
20-29	55.7	76.8	51.2	32.8	62.2	60.6	75.3	50.4	34.2	65.6	57.9	76	50.9	33.6	63.8
30-39	71.7	99.1	64.7	44.2	81.8	78.6	98.5	62.8	45.9	86.4	74.7	98.8	63.8	45.1	84
40-49	119.1	141.4	99.1	64.6	126.8	109.5	119.8	90	70.4	112.4	115	131.6	94.6	67.7	120.4
50-59	167.4	169.9	133.4	94.2	166	156.6	148.6	122.3	92.6	151.7	162.5	160.4	128.3	93.4	159.5
60-64	217.7	211.1	184.3	123.9	213.1	210.2	208.9	170.5	132.8	206.6	214.3	210.1	178.2	128.6	210.1
65-69	283.8	267	255.5	176.3	276.2	275.1	251.7	217.9	164.7	264.2	279.9	259.2	237.9	170.6	270.7
70-79	360.2	336.5	333.3	247	353.1	355.1	310.5	300.5	219.4	340.9	358	323.3	312.5	233.1	347.7
80+	508	476.3	511.5	398.2	501.8	482.4	474.1	410.5	354.2	476.5	497.6	475.2	445.6	376.8	491.1
All	257.5	186.7	154.3	153.5	234.3	242.8	174.5	166.2	138.1	217.1	251.1	180.8	160.2	145.6	226.5
<b>ALL</b>															
0-19	32	33.9	26.1	14.9	31.8	35.2	39.7	26	16.2	36.3	33.4	36.5	26.1	15.3	33.8
20-29	52.7	53.3	44.3	25.9	51.6	63.1	65.3	52.6	30.1	62.4	57	58.8	48.1	27.8	56.3
30-39	84.1	65	68.7	39.4	72.1	95.9	77.7	70.5	41.6	83.1	88.7	70.1	69.7	40.4	76.5
40-49	130	102.9	101.1	69.9	114	131.2	108.1	106.6	71.8	116.5	130.5	104.9	103.5	70.8	114.9
50-59	175.5	138.1	142.6	106	155.3	176.5	139.8	139.6	103.6	155.9	175.9	138.8	141.2	105	155.5
60-64	227.8	175.6	183.1	140.5	203.8	227.2	180.2	170.5	143.2	203.2	227.5	177.8	176.5	141.7	203.5
65-69	276.1	212.4	227.2	191.9	250.1	276.4	212.2	214.4	173.6	244.1	276.2	212.3	219.9	183.4	247.1
70-79	356.7	290.4	304.4	249	335	348.3	281	273.1	242.7	318.9	352.9	284.9	284.4	245.7	327
80+	494.3	444.2	493.4	375.4	481.3	475.3	412.1	417.1	355.7	451.4	485.9	424	442.7	365.2	466.7
All	272.8	167.9	175	174.7	228.6	279.5	195.9	186.1	181.7	239.4	275.7	181.2	180.8	178	233.5

Table H.20.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

	ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19						92.8	110.1	87.9	69.1	69.7	56.2	58.8	66.1	64.9
20-29						82.7	81.9	95.6	72.5	82.9	74.6	72.5	71.9	68.2
30-39						108.6	118.3	127.3	117.6	126.1	115.8	103.3	98.7	103.8
40-49						162.7	164.2	180.4	167.6	170	143.8	141.6	132.4	138.3
50-59						195	227.5	232.8	230.6	238.8	222.1	207.3	204.4	199.1
60-64						320.2	314.9	312.8	295.9	303.7	278.3	268	264.5	267.7
65-69						364.7	373.5	360.8	363	367.2	324.4	327.5	333.8	321.1
70-79						472.1	479.4	467.2	464.1	464.9	446	426.2	419.8	407.8
80+						692.4	751.6	702.7	647.9	689	645.9	582.5	577.3	559.3
0-19						96.2	111.1	90.5	69.9	70.5	57.1	62.4	73.8	68.9
20-44						117.2	122.2	130.5	118.6	124.4	112.5	107.1	102.4	105.7
45-64						221.7	240.3	249.8	240.6	249.1	224.4	212.7	206.7	205.7
65-74						391.2	406.2	388.1	391.9	395.1	355.9	352.3	353.4	348.6
75+						563.3	601.6	589.1	560.3	581	567.2	519.1	526.3	483
Male						287.2	298.8	301.5	295.4	309.3	285.5	273.6	268	267.7
Female						320.2	341	322.4	308.7	313.1	291.9	277	270.4	260.2
White						318.3	334.5	335.1	330.8	345.9	321.8	302	296	292.8
Black						267.4	285.8	275.6	279.7	262.7	248.5	233	244.8	233.4
Native American						320.1	257.9	224.8	282.7	376.9	356.8	481.7	294.4	295.3
Asian						402.7	472.5	386.1	196.1	264.9	182.1	242.6	163.6	181.7
†Hispanic														
†Non-Hispanic														
All						304.7	320.6	314.6	303.5	313	290.2	276.9	271.7	266.3
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-19	52.1	51.9	59.1	66.5	72.4	59.7	63.9	58.1	55.3	49.6	51.1	49.7	52.4	
20-29	65.1	70.2	72.3	75	71.3	65.8	71.2	60.2	57.9	56.6	67.7	69.9	62.6	
30-39	107.6	104.2	104	101.3	99.8	96.2	91.8	90	84.8	88.7	77.1	77.2	69.7	
40-49	142	139.9	142.6	139	134.2	130.4	125.8	121.7	120.6	116.7	113.4	115.5	103.6	
50-59	198.8	194.8	196.3	193.1	191.1	191.9	189.3	183.1	177.1	165.5	161.4	157.7	149.7	
60-64	275.3	260.2	257.7	261.6	262	261.7	257.7	251.8	242.3	219.1	210.8	210.9	198.1	
65-69	320.4	303.1	317.1	328.6	315	309.9	297.4	300.2	296.5	281.1	264.7	256.5	241	
70-79	403.6	404.7	402.1	423.7	401.6	407.1	401.7	396.3	380.8	364.3	342.3	339.7	329.5	
80+	580	574.3	586.7	603.4	614.5	615.5	613.7	571.4	558.4	524	512.3	505.5	484.6	
0-19	57.2	56.6	65.6	72.3	74.9	63	66.2	62.5	59.2	51.4	52.1	51.1	53.3	
20-44	109.3	108.2	108.7	107.8	103.9	100.4	96.4	93.1	91	90.8	84.5	86.3	76.6	
45-64	208.4	201.1	201	199.8	197.6	197.8	194	188.6	182.1	169.4	164.9	164.2	154.7	
65-74	339.5	331.3	340.7	356.5	343.9	342.1	328.3	329.2	317.7	301.7	285.1	281.9	271	
75+	518.7	512.4	508.2	524.1	501	505.9	516.8	495.5	483	469.5	441	437.5	413.2	
Male	268.6	260.6	264.3	268.4	261.6	258.7	253.2	247.4	238.7	224.6	219.2	218.6	205	
Female	267.8	266.3	269.7	275	268.2	269.4	264.9	258.7	254.3	240.7	224.3	218.7	208.9	
White	298.6	292.3	293.2	292.7	287.7	286.5	281	274.1	266.5	251.5	239.6	233.1	221.2	
Black	238	234	241.3	252.8	240.2	238.2	233.7	223.5	217.8	209.8	201.2	203	192	
Native American	247.6	265	214.7	233.8	214.3	219.6	209.5	230.9	258.5	187.6	205	209.9	187.4	
Asian	168.7	151.6	156.6	183.2	180.7	167.4	176.4	181.4	172.7	156.4	155.6	149.9	130.8	
†Hispanic				153	180.2	187.7	169.2	165.1	180.5	164.8	170.7	160.7	140.9	
†Non-Hispanic				241.2	236.5	236.3	234.7	231.5	222.1	213.5	205.6	203.6	193.8	
All	269.1	263.9	267.7	272.8	265.9	264.8	259.2	252.8	246.4	232.8	222.1	219	207.2	

Table H.20.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					165.8	191.1	155.2	124.3	120.7	90	96.9	104.5	103.8
20-29					142.4	137	161.3	125.1	136.9	112	106.3	105.7	103.2
30-39					179.5	189.9	205.4	194	200.2	173.8	157.4	146	152.1
40-49					258.2	252.1	281.4	263.4	259.7	215.8	215.3	197.9	207.6
50-59					296	332.9	343.2	344.1	345.6	309.7	294.2	278.7	275.7
60-64					461.5	437.7	440.6	417.5	414.6	367.8	358.2	349.1	351
65-69					524.5	491.1	475.5	482.6	474.4	418.2	442.8	432.9	409
70-79					609.9	593.9	574	579	569.6	559.1	532.5	530.6	494.4
80+					841.8	874.4	819.3	755.3	782.8	746.1	611.5	664	617
0-19					170.6	187	158.5	123.9	122.4	93.5	105	120	110.6
20-44					191	191.3	209.8	192.5	199.1	171.9	165.5	155	159
45-64					331.5	345.6	363.4	353.9	352.9	308.2	296.7	281.8	283.8
65-74					524.5	530.9	502.8	512.1	507.3	461	464.6	458.6	441.7
75+					667.1	706.7	668.9	642.3	668.2	684.2	591.7	641	546.6
Male					382.2	380.6	385.7	384.2	391.4	347.4	336.4	331.3	323.3
Female					448.1	459.3	452.8	432.8	428.3	399	371.6	364.7	350.1
White					450.4	444.4	456.4	464.3	472.8	427.8	395.7	396.6	386
Black					316.7	343.1	330.8	315.5	281.2	282.7	270	275.1	255.5
Native American					564.4	422.5	429.5	384.3	436.5	440.5	454.2	331.8	301.2
Asian					564.5	593.9	521.2	275.2	424.1	251.2	365.5	187.2	229.8
†Hispanic													
†Non-Hispanic													
All					414.5	418.2	419.2	407.6	409.3	371.7	353.8	349.4	337.7
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	82.3	82.7	94.1	109.9	122.1	99.1	104.5	95.2	90	80.8	80.3	78.9	83.6
20-29	97.8	107.1	111.6	119.5	115.6	103.8	112	95	90.9	88.9	103	106.9	96.2
30-39	154.1	152.7	155.4	154.1	154.4	149.9	139.4	137.4	128.9	134	113.3	114.5	103.5
40-49	209.6	210.4	208.1	209.3	204.7	199.9	187.7	179.6	174.9	169.1	159.8	160.8	147.3
50-59	287.6	281.1	277	277.7	277.7	281.4	272.9	256.5	248.3	229.6	219.5	216.1	202.6
60-64	354.3	343.6	344.6	352.3	346.7	347.2	340.6	333	320.1	290.1	273.9	270.8	256.6
65-69	398.4	390.2	410.3	421.4	405	403.7	388	386.8	380.8	354.3	329.9	318.5	296.2
70-79	514.1	507.4	508.1	527.3	495.8	508.8	496.6	489.9	466.8	436.1	411.6	404.1	392.2
80+	672.4	696.2	702	699.3	715.5	751	757	672.6	647.6	594.3	582.9	559.5	540.5
0-19	92.3	93.5	108	122.7	126.7	104.7	109.1	103.7	98.8	84.6	83.3	81	84.7
20-44	161.8	166.1	167.3	171	164.8	155.9	146.6	144.5	141.9	142.4	126	127.7	114.1
45-64	292.6	283.7	281	283.7	282.6	285.3	277	264.2	254.3	235.1	225	222.2	209.6
65-74	434.2	426.1	443.3	456.5	437.2	438.9	419	418.8	403.3	372	351.3	344.5	328.4
75+	623.7	606.4	616.5	626.4	599	619	629	592.3	567	547.2	504	499.6	473.5
Male	337.4	332.3	334.3	338.9	328.6	330.8	324.3	315.1	299.2	278	269.5	266.5	252.4
Female	356.1	356.4	362	366.3	363	366.9	356.8	338.5	331.3	310.3	287	277.8	263.5
White	396.1	393.1	391.4	394.3	384.9	383.9	372.6	361.1	349.1	330.1	309.6	297.5	281.2
Black	262.3	264.5	277.9	285	278.5	291.8	286.1	266.7	254.5	233.2	223.7	231.2	221.3
Native American	311.3	312.6	279.5	297.2	274.6	279	282.7	272.6	283.8	219.2	243.6	235.8	240.9
Asian	247	189.7	202.7	237.2	247	241.8	245.4	227.2	217.4	200.4	193.7	186.9	166.1
†Hispanic				234.5	272.7	296.3	232.3	242.4	257.7	228.1	252.9	231.6	217.8
†Non-Hispanic				338.6	334.5	336.2	332.3	322.5	313.3	295.5	271.2	272.6	263.1
All	346.7	343.5	347.4	352.4	345	347.8	339	325.7	314	293.2	277.8	271.8	257.8



Table H.20.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					42.5	65.7	51.8	33.9	34.4	28.4	29.7	39.1	38.1
20-29					42.2	53.1	60.7	39.1	45.5	44.9	45.6	46.5	43.3
30-39					61.4	83	85.8	69.5	75.7	71	63	63.7	68.9
40-49					100.8	124.3	127	108.2	109	87	85.7	87.2	94.3
50-59					132.9	185.1	179.6	162	173.3	169.4	155	161.5	159.8
60-64					240.4	274.5	247.2	225.4	237.9	223.3	225.9	221	219
65-69					299.1	347.4	305.3	298.6	311.7	278.4	281.9	288.2	286.3
70-79					413	474.1	406.2	410.6	420.1	408.7	389.3	365.1	372
80+					658.3	787.8	642.9	613.9	666.2	636.7	615.6	588.9	563
0-19					50.8	80	58.9	39	36.6	27.8	33	47	44.1
20-44					74	97.3	94.4	76.7	77.8	68.2	65.8	64	69.3
45-64					160.7	208.8	197.5	180.2	190.4	176.5	168.7	171.6	170
65-74					326.1	380.9	329.8	329	338.6	319.4	310	305.9	314.8
75+					524.3	601.5	528.8	523.4	560.2	538.5	506.2	477.9	460.3
Male					227.3	275.3	261	240.4	260.4	246.8	242.4	231.7	236.9
Female					252.5	303.1	250.1	243.9	247.5	231.1	215.6	219.8	214.9
White					248.6	306	279	263.1	278.2	262.6	252.3	249.2	252.3
Black					217.1	228	202	207.7	208.6	201.2	180.7	191.7	181.6
Native American					165.6	187.4	71.3	273.5	409	304	557.2	229	326.9
Asian					284	513.7	389.8	178.3	176.3	152.4	167.2	131.7	141.5
†Hispanic													
†Non-Hispanic													
All					239.9	289.2	257.4	242.7	255.2	239.5	229.9	226.7	227.2

  

	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	29.7	26.6	33	34	39.3	32.2	35.6	32.8	30.8	27	29.7	28	31.7
20-29	40.1	40.8	43.7	41.7	42	39.1	43.1	36.7	35	33.7	42.4	42.7	40.5
30-39	70.7	63.7	68.2	61.8	64.3	59.4	59.5	58.3	55.4	57.4	51.8	50.4	47.2
40-49	101.2	95.4	100.2	89.7	90.5	87.3	86.8	84.8	87.4	82	82.8	84.9	75.6
50-59	150.8	147.5	150.5	144	145.2	144.5	149.5	142.4	138	126	126.1	119.7	116.5
60-64	243.1	224.1	216.2	214.9	224	225.8	223	213.8	205.8	180.2	176.3	177.6	170.2
65-69	291.2	271.7	286.8	294.8	289.5	279.1	267.6	264.9	268.8	249.2	237.7	229.5	213.8
70-79	386.4	388	377.6	387.5	374.5	370.3	373.6	368.1	370.8	347.2	323.4	319.7	299.2
80+	574.9	585.3	595.5	616.4	612	588.7	568	547.1	563.4	535.7	513.3	506.4	465.9
0-19	34.6	30.2	37.9	38.1	42	37.7	38.6	37.9	33.6	29.2	30.6	31.2	34.2
20-44	70.9	69.9	67.4	61.6	63.9	67.2	64.3	62.3	60.4	59.2	57.8	60.3	54.1
45-64	177.3	164	167	159	162	158.8	161.5	155.3	149.2	136.2	134.2	132	127
65-74	317.9	305.5	317.9	322.5	322.4	308.6	304.5	303.5	304.1	282.7	264.3	258.8	243.1
75+	505.1	516.6	490.5	502.2	476.6	480.2	483.1	457.8	478.5	454.9	433.7	428.7	392.8
Male	232.4	220.3	225.9	226	229	223.8	219.4	207.8	207.2	193.8	192.7	190.9	174.6
Female	233.2	234.9	234.2	232.9	225.2	219.9	221.5	223.6	224.5	207.7	192.8	186.9	180.5
White	264.2	253.9	252.3	244	242.7	237.2	239.2	228.7	225.5	207.9	206.1	198.6	189
Black	187	186.1	194.7	207.1	205	202.5	198.3	194.6	199.5	193.5	171.4	179.8	164.1
Native American	212.4	256.9	205.6	228.2	226.1	214.5	170.3	208	297.7	199.5	203.4	189.4	169.1
Asian	116.3	132.1	141	156.1	140.9	122.8	112	153.7	147.8	127.2	132.4	102.1	92.8
†Hispanic				147.9	156.7	141.6	164.9	160.6	162.4	156	163.9	122.4	116.7
†Non-Hispanic				247.1	249.7	242.1	237.2	233.8	236.5	214.5	214.5	215.9	198.9
All	233.1	227.7	230.1	230	227.6	222.6	220.7	215.4	215.5	200.6	192.9	188.9	177.4

Table H.20.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					26.8	34.5	29.1	25.3	27.6	28.8	29.5	32.8	29.2
20-29					27	29.1	35.9	29.8	36.6	39.8	41.5	37.8	33.5
30-39					40.2	47.6	54.3	54.2	62.4	68.4	58.8	57.1	59.1
40-49					67.4	74.5	85.5	86.3	93.6	88.2	87.7	76.3	76.9
50-59					91.4	115.7	124.6	132.2	144.7	147	141.3	133.1	131.1
60-64					166.9	179	187.9	188	201.8	187.8	177.2	192.4	202.4
65-69					212.8	236.1	241	254.7	263.9	226.2	228.8	249.4	247.9
70-79					308.6	335.4	355.4	358.2	351.4	311.5	326.9	328.1	337.7
80+					498	579.4	578.4	547.7	609	509	556.5	495.9	527.7
0-19					24.8	34.3	29.3	25.2	26.9	29.2	29.2	35.7	30.2
20-44					41	48.9	55.4	54.5	59.7	63.6	59.4	54.8	54.9
45-64					102.9	123	136.7	138.9	154	144.7	138.6	134.3	137.4
65-74					240	262.1	269.7	279.7	277.2	241	251.7	262.5	267.6
75+					453.7	481.6	511.2	489.7	492.3	390.5	455	437.4	441.5
Male					169.2	197.1	204.7	210.2	220.1	206.2	203.7	204.7	209.1
Female					176.5	187.3	200.5	193.4	209.2	184	196.3	180.8	186.1
White					173	183.5	196.7	185.3	207.9	203	202.4	185	192.2
Black					156.2	214.1	220.3	257.7	247.2	195.8	183.1	215.1	216.9
Native American					77.4	99.9	130.2	124	152	316.2	487.3	300.3	301.3
Asian					320.1	208.4	195.4	87.8	88	43.6	187.9	133.6	124.8
†Hispanic													
†Non-Hispanic													
All					173.4	192.9	204	202.8	215.7	195.5	200.3	194.3	198.6
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	27.7	26.6	28.9	31.1	32.4	27.4	30.1	27.6	27.8	26	30.6	26.9	26.8
20-29	34.3	37	37.6	37.7	35	34.3	37.8	31.2	31.1	31.3	42.4	40.4	34.9
30-39	61.9	58.8	57.1	53.5	51.8	50.7	50.4	48.9	47.3	51.7	50	46.4	41.3
40-49	77.6	80.3	83.6	80.5	74.7	75.6	75.5	71.6	71.7	71.4	75.9	76.1	67.1
50-59	124	129.1	121.5	124.2	112.8	114	114.8	115.3	110.6	106.2	112.9	107.6	103.9
60-64	191.3	184.4	170.3	179.1	172.2	178.8	174.9	168.4	161.6	147	151.5	145.8	140.3
65-69	230.7	222.4	220.4	232.1	216	218.5	211.1	212.1	199.9	196.7	196.4	191.7	187.8
70-79	277.1	286.6	285.6	317.1	290.4	295.4	300.5	295.9	272.2	265.2	259	257	265
80+	445	425.9	446.8	488.2	483.7	490.1	485.2	454	419.3	395.9	401.4	411.1	423.3
0-19	32.1	27.9	30.2	31.9	32.2	27.6	29	27.2	27.5	24.8	27.7	25.6	24.7
20-44	57.8	56.8	56.4	52.1	52.7	51.8	53.6	48.6	48.4	49.4	52	49.8	42.8
45-64	128.1	130.3	126.1	130.7	116	119.1	116.5	114.6	112	108.4	113.2	108.8	103.3
65-74	227.1	238.1	230.5	257.7	240.4	241.7	234.2	235.7	214.3	214	214.8	209.9	211.8
75+	373.4	365	356.8	401.2	384.9	387.8	412.6	395.4	359.2	341.3	348.2	355.8	359.1
Male	191.8	191.4	187	190.6	179.1	178.9	180.8	174.8	165.1	156	160.3	164	154.7
Female	161.8	162.4	165.3	184.7	174.9	180.5	177.9	175.2	163.4	160.8	158.7	149.6	158
White	180.8	182.9	180.6	191	188.4	190.9	193.6	186.9	173.9	166	158	159	160.4
Black	184.3	177.4	177.2	187	159.7	164.1	154.8	154.2	148.8	150.3	170.5	161.6	157.5
Native American	132.4	112.9	150.5	149.6	148.8	161.4	165.9	192.7	163.3	144.9	125.5	115.5	94.8
Asian	88.6	118	112.5	150	124.8	110.2	138.1	125.8	115.7	95.8	100.7	100.6	93.2
†Hispanic				71.17	70.88	74.05	92.56	56.4	77.36	86.41	59.95	87.32	51.04
†Non-Hispanic				141.7	134	137.2	139.8	130.1	117.5	119.6	126.5	110.7	115.5
All	178.2	177.9	177	188.3	177.3	179.4	179.3	174.8	164.3	158.4	159.7	157.2	156.3

Table H.20.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: CAPD/CCPD patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

OTHER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19					78.2	77	58.6	51.8	60.2	55.4	54.7	63.1	62.5
20-29					71.6	60	69	56.8	74.3	77.3	76.9	75.4	71.3
30-39					96.3	90.3	98.1	95.8	114.6	117.5	101.5	99.2	106.2
40-49					146.7	130.2	144.5	141.6	156	136.4	129.9	123.4	127.7
50-59					176.2	186.4	193.9	201.3	214.6	200.3	182.9	193.2	179
60-64					291.1	265.7	272.1	265.9	279.1	261.4	233.1	237.5	243
65-69					332.3	323	331.8	334.5	344.2	298.7	263.1	292.3	280.2
70-79					427.8	422.8	453.3	436.8	443.8	398.8	368.4	365.5	365.1
80+					619.2	672.9	700.2	620.2	651.1	585.7	527.2	497.4	508
0-19					78.1	74.1	55.8	49.9	58.1	52.9	53.5	59.8	60.1
20-44					102.5	90.3	94.1	94.9	110.4	110.6	100.9	103.4	107.9
45-64					199.7	193.9	207.5	206.5	223.4	206.6	187.3	184.6	178.4
65-74					359.7	352.6	365.1	367	377.9	315	294.7	302.8	302.2
75+					513.6	553.2	617	557.5	555.5	523.4	468	464.4	443
Male					274.1	255.8	287.2	282.5	299.6	270.8	240.5	249.8	259.7
Female					256.9	274	268.6	252.7	268.1	248.6	231.7	223.1	209.1
White					244.1	248.1	268.4	249.4	272.5	256.7	231.9	223.8	224
Black					315.9	304.9	318.4	332.3	318.3	276.7	253.3	269	267.5
Native American					164.7	134	90.9	171.4	312.7	258.3	350.7	307.1	204.5
Asian					258.2	260.6	203.5	124.4	192.9	165.3	130.5	178.2	173.2
†Hispanic													
†Non-Hispanic													
All					266.6	265	280.1	269.3	286	261.4	238.6	238.6	237.1
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	50.1	52.5	57	61.6	58.6	50.1	53.7	48.5	46.1	40.3	42.7	43.1	43.6
20-29	69.5	76.6	69.8	71.2	59.3	57.5	60.4	51	48.9	47.2	57.6	61.1	53.3
30-39	117.2	115.7	100	100.4	87.5	84.1	81.1	78.6	72.9	75.8	67.3	69.6	61.1
40-49	133.6	125.4	132.1	126.4	112	103.2	104.8	104.7	103.7	101.9	100.6	103.9	90.9
50-59	174.2	159.1	176.4	165.1	159.1	152.8	153.4	159.4	151.6	147.3	143.4	139.2	134.1
60-64	260.4	230	234.6	234.7	235.7	226.7	225	225.3	212.5	198.2	193.7	200.4	181.2
65-69	297.2	263.8	280.8	296.2	276	256.2	247.2	264.8	259.3	257.8	245.8	237.5	224.4
70-79	356.4	357.3	351.6	382.7	364	360	350.2	349.1	329.1	338	319.5	318.6	309.9
80+	555.2	495.8	508	537	553.4	509.4	517.2	515.2	500.7	490.7	490.3	484.8	466.4
0-19	45.1	50.1	57.2	61.3	58.8	49	53.7	48.2	46	40.5	43.7	43.2	44.3
20-44	118	108	108.2	105.7	91.3	82.2	82.5	76.2	73.9	74.2	73.7	75.2	65.9
45-64	174.9	164	165.7	161.9	156.9	155.2	153.7	159.2	150.7	141.3	139.7	145.3	135.1
65-74	300.8	287.1	285.2	312.4	297.8	292.4	277.4	283.6	270.2	275.4	262.8	263.9	255.5
75+	487.4	479.2	472.1	482.6	449.2	433.6	437.9	448.9	433.2	447	423.1	408.4	379.9
Male	255.6	243.2	247.1	256.3	244.3	227.1	218.2	223	215.1	210.2	204	202.6	196.2
Female	224.6	205.7	214.2	216.8	209.8	209.7	213.6	214	203.4	203.5	195.8	196.7	180.5
White	223	209.3	218.8	216.4	217	220	212.9	218.8	212	205.5	195.3	197.2	187.3
Black	292	271.6	275.4	295.7	264.8	231.3	232.6	225.1	211.7	220.7	216.8	204.1	197.8
Native American	231.2	256.9	126.5	157.5	107.7	132.1	142.4	197.8	184.7	124.3	176.9	248.2	161.5
Asian	134.6	116	105.5	126.5	137.2	119.2	158	159.5	147.6	145.2	142.7	180.4	142.8
†Hispanic				84.55	118.9	118.1	117.5	101.4	120.7	106	105.3	102.9	78.71
†Non-Hispanic				184.2	172.2	173.1	173	184.3	164.2	170.2	162.6	164.4	151.4
All	242.1	226.4	232	238.4	228.4	219.3	216.2	218.8	209.8	207.4	200.4	199.8	189

Table H.20.2 (supplement)

**Annual deaths per 1,000 patients: CAPD/CCPD Patients, by primary diagnosis***period prevalent patients*

	ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19						57.7	66.1	53.2	42.7	44.3	36.5	38.6	46.8	45.7
20-29						55.2	55.7	63.7	49.7	57.2	53	51.3	51.9	49.5
30-39						79.7	87	91.7	84.7	90.5	84.5	75.2	72.1	76.8
40-49						114.1	117.7	127.8	119.1	122.9	104.4	103.9	97.3	103.5
50-59						139	165.2	170.5	168.4	174.1	161.4	150.8	150.3	149.2
60-64						221.6	219.3	221.5	212.8	218.8	203.7	194.2	193.4	196.3
65-69						252.8	255.7	245.7	252.4	255	229.5	229.9	234.2	233.6
70-79						289.4	306.8	303.5	305.7	314.5	297.9	286.6	284.2	284.7
80+						383.8	433.2	420.9	398.6	422.9	393.1	365.8	367.5	365.4
0-19						56.5	67	55.2	43.3	45.4	37.1	41.4	51.1	47.7
20-44						82.8	87.4	91.9	84.1	89.1	81.3	77.7	74.5	78.2
45-64						156.2	172.4	180	174.1	180.5	163.5	155.1	152.3	153.8
65-74						252.8	271	261.9	268.5	271.2	248.1	245.4	246	249.9
75+						325.7	367.8	358.2	359.5	378.8	355.2	333.4	338.6	326.1
Male						197.8	208.7	212.1	209.1	218.9	203.5	196	192.3	196.1
Female						204.2	226.2	219.2	214.7	220.5	204.5	194.7	193.2	191.3
White						210.7	224.4	228.3	226.4	237.2	221.2	208.5	206.2	208.4
Black						181.6	203.5	195.9	201.4	194.6	181.9	173.6	181.1	178.9
Native American						190.2	162.3	146.3	200.9	268.6	249.5	288.9	212.1	217.3
Asian						217.1	279.8	253.7	151.5	188	133	169.4	124.7	137.2
†Hispanic														
†Non-Hispanic														
All						201.2	218.3	217.3	212.8	220.7	204.7	196.1	194.3	195.1
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-19	36.7	35.6	40.7	45.7	49.4	41.6	44	40.6	38.2	34.4	34.6	34.2	36.6	
20-29	46.9	51.3	53.6	55.9	53.2	50.6	54.8	47.2	44.9	45.1	53.2	55.5	50.1	
30-39	79.7	77.7	78.8	77.9	77.2	75.2	72.3	71.4	67	71.4	62.3	62.1	56.1	
40-49	107.1	106.1	109.5	107.1	105.1	103.2	100.1	97	95.8	94.1	91.5	93.2	83.7	
50-59	148.2	146.3	149.4	148.8	148	149.1	147.1	143.4	137.8	130.3	128.4	125.7	119.2	
60-64	202.8	195.3	194.2	199.4	200.7	200.9	197	192.3	183.6	168.7	163.8	164.7	155.7	
65-69	233.1	224.6	233.5	244.1	237	233.1	225.1	225.2	220.1	211.2	198.9	195.9	185.5	
70-79	283	285.7	289.9	302.5	290.4	292.7	290.7	288.3	275	266	254.7	254	246	
80+	382.8	379.5	391	397.5	402.9	399.3	399.9	383.3	368.7	353.1	351.7	351.6	337.5	
0-19	39.6	38.5	45.2	50.1	51.9	44.6	45.7	43.4	40.7	35	35.9	35.6	37.1	
20-44	81	81	82.7	82.6	80.6	78.7	75.8	73.7	71.8	72.9	68	69.1	61.4	
45-64	155.4	151.5	153.4	153.8	153.5	153.9	150.9	147.3	141.3	133.2	130.7	130.9	123.3	
65-74	244.5	242	250.4	261.9	256.2	253.7	245.4	245.5	235.1	225.5	215.1	214.8	206.5	
75+	346.4	345.3	346.1	356.1	342.7	346.9	353.6	342.6	330.4	325.2	310.5	312.8	297.6	
Male	197.6	194.2	198.9	202.3	199.1	197	193.2	189.7	181.5	173.6	170.9	171.5	161.2	
Female	196.6	196.5	201.9	206.4	202.9	203.5	201.2	197.7	192.3	184.4	174.2	171.9	164.3	
White	212.6	209.9	213.1	213.5	211.4	210.8	207.9	203.6	196.2	188.2	181.7	178.5	169.9	
Black	183.4	182.8	189.6	198.9	191.3	188.7	185.3	179.6	174.3	169	163.7	165.8	156.6	
Native American	191.9	197.7	169.9	185.6	169.1	179.1	171.5	187.8	191.8	148.8	164.2	166.8	151.9	
Asian	131.1	120.1	123.4	144.2	144.2	135.8	143.3	148.1	138.1	127.2	126.6	123.9	108.4	
†Hispanic				116.55	139.05	145.91	131.73	128.03	142.29	130.13	135.05	128.3	113.57	
†Non-Hispanic				182.41	179.85	180.17	178.7	177.07	168.33	163.45	158.16	157.42	150.17	
All	197.6	195.6	200.6	205.1	201.6	200.6	197.2	193.4	186.7	179	172.7	171.8	162.8	

Table H.20.2 (supplement)

**Annual deaths per 1,000 patients: CAPD/CCPD Patients, by primary diagnosis***period prevalent patients*

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					97.3	107.3	88.3	71.9	72.3	55.3	59.4	70.6	68.8
20-29					86	84.7	97.8	79.2	88	74.3	69.5	70.4	69.1
30-39					120	131	136.7	129	134.8	119.7	107.5	101.5	106.5
40-49					169	173.5	187.2	177.3	177.1	147.1	149	138.2	147.6
50-59					197.4	223.5	232.1	231	233.2	208.7	199.7	190.8	194.8
60-64					292.7	280.1	292.2	280.9	273.2	250.9	240.6	237.3	238.4
65-69					293.3	318.1	296.8	308.4	301.3	269.4	286.2	278.2	276.8
70-79					335	349.5	330.8	347.5	357.6	345.9	332.6	331.3	320
80+					432.4	488.3	465.5	428.8	436.3	420.4	359.6	387.7	374.1
0-19					94.5	107.3	90.9	72.8	74.9	57.9	66	79.9	72.2
20-44					124.1	130.3	137.1	128.2	134.8	116.9	113.5	106.9	111.5
45-64					216.4	228.6	243.3	237.2	235.6	208.9	201.2	193.9	199.1
65-74					308.4	324.6	308.1	321.9	319.4	294.3	299.4	291.8	292.4
75+					344.6	414.6	370.8	381.9	407.9	395.3	352.5	378.3	346.6
Male					245.6	251	252.4	252	257.9	232.8	228.2	222.1	222.7
Female					257.5	286.4	280.8	275.9	276.5	257.3	240.6	240.9	237.9
White					271.4	280.8	287.2	293.5	299.4	273.7	254.9	257	256.5
Black					199.4	233	218.4	213.4	197.4	195.1	192.2	192.3	186.9
Native American					302.9	240.2	248.8	249.5	303.3	302	289.5	226.9	216.5
Asian					322.3	345.8	317.6	196.9	279.5	171.8	233.6	135.2	163
†Hispanic													
†Non-Hispanic													
All					252.1	269	267.2	263.7	267.1	244.2	234.4	232.6	231.2
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	55.1	53.7	61.6	71.5	78.8	65.6	68.8	63.4	59.1	53.7	52.1	51.6	55.8
20-29	65.3	73.3	77.3	83.6	81.4	75.1	81.7	70.8	67	67.8	77.6	80.7	73.5
30-39	108.1	107.1	110.8	111.8	111.9	110.8	104.2	103.6	96.8	103.1	87.9	87.8	79.6
40-49	151	151.5	152.7	152.9	154.3	150.2	142.2	135.9	131.9	130.1	122.7	123.3	113.8
50-59	202.7	199.4	200.8	201.4	204	206.1	200.4	190.3	183.6	172.1	168.2	165.5	155.1
60-64	243.1	241.6	239.3	251.8	246.5	251.3	245.7	240.4	229.2	212.3	202.9	203.5	194
65-69	270.3	271.7	281.9	292.7	284.7	285.4	276.3	273.5	267	252.6	235.8	234	219.3
70-79	336.7	334.7	345	350	334.8	340.6	336.8	334.9	317.9	301.6	291.9	289.9	279.9
80+	411.3	427.6	430.9	430.1	434.2	448	455.3	424.1	402.2	378.5	377	373.8	361.1
0-19	61.1	60.1	70.9	81	83.6	70.6	72	68.2	64.3	54.9	54.7	53.7	56.2
20-44	114.2	117.7	120.6	124	121.1	115.8	109.4	108.1	105.8	108.5	96.4	97.1	86.9
45-64	205.3	201.3	202	205.5	207.2	209.6	203.9	195.4	187.2	175.9	171	170	160.6
65-74	290.8	291.9	303.1	312.2	304	305	294.8	294.6	282.1	264.9	253.1	251.9	240.8
75+	387.3	381.1	388.6	391.9	376.2	390.9	398.8	383.3	364.1	357	337.5	341.8	325.5
Male	234.6	233.7	238	239.7	234.9	237.1	233.5	229.4	216.3	204.9	201.3	200.8	190.4
Female	243.6	245.6	251.2	255.7	255.8	257.6	253.1	243.1	236.3	225.3	212	208.7	198.6
White	264.3	264.3	266	268.1	264.1	264	258.4	253	243	234.5	223.6	217.3	206.9
Black	195	199.3	210.9	215.7	212.3	219.1	215.8	204.8	194.8	181.1	175.6	184.1	174.1
Native American	228.8	218.3	204.3	220.2	209.7	218.8	222.8	216.5	211.1	168.4	188.7	183	192.2
Asian	178.8	146	154.6	179.3	189.7	187.2	191.4	175.9	164.8	154	149.5	150.1	134.3
†Hispanic				166.42	201.62	220.35	172.36	180.52	196.21	174.72	191.21	178.53	169.38
†Non-Hispanic				238.07	236.96	238.92	237.29	231.08	222.26	213.73	199.71	201.29	195.02
All	239.1	239.1	244.1	247.7	244.8	246.8	242.4	235.6	225.5	214.4	206.3	204.4	194.3

Table H.20.2 (supplement)

**Annual deaths per 1,000 patients: CAPD/CCPD Patients, by primary diagnosis***period prevalent patients*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					30.8	39.2	31	21.4	22.6	19.1	20.9	29.3	28.5
20-29					34	36.6	42.2	27.7	32.9	33.4	34.4	35.6	32.9
30-39					50.4	58.2	62	50.3	56.4	53.2	48.1	47.3	52
40-49					70.6	80.9	89.8	74.7	79.7	65.2	65.2	65.6	72.9
50-59					97.5	144.8	144.5	132.5	133.8	127.8	116	123.9	124.3
60-64					184.6	210	179.7	171.2	179.9	167.5	168.6	167.5	168.1
65-69					214.4	228.9	220.7	215.9	224.8	204	201.5	209	213
70-79					261.8	301.6	274.9	278.8	289.3	276.6	260.9	253.3	264
80+					395	452.9	400.5	386.9	411.3	388.7	372.1	374.2	366.9
0-19					32.2	46	37.1	23.7	24.2	18.2	22.7	32.8	31.8
20-44					56.7	64.1	68.9	51.9	57.3	50.7	48.5	47	52.4
45-64					119	160.5	148.8	140.9	144.4	132.7	127.6	131.1	131.3
65-74					223.5	255.3	232.1	234	239.6	227.5	217.9	220.2	230
75+					325.3	363.2	331.3	341.8	365.5	345.1	323	316.3	313.3
Male					162.8	195.9	190.8	177.3	189.2	179.1	173.8	171.2	177.6
Female					176.2	201.1	179.4	177.4	182.7	168.3	157.4	162.7	163.9
White					176.2	206.2	197.4	187.4	199	185.9	178.8	179.2	185.5
Black					157.2	171.1	158	160.9	161.4	155.3	139.8	150.4	145.8
Native American					117.5	138.9	55.8	197.6	267.9	196.9	290.6	173.3	246.4
Asian					151.9	311.2	270.4	147.6	133.1	116.3	124.5	103.5	112
†Hispanic													
†Non-Hispanic													
All					169.1	198.6	186.5	177.8	186.6	174	166.1	167.6	171.5
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	22	19.4	24.2	25.1	27.4	23.4	25.4	24.2	22.4	19.6	20	20.3	23.2
20-29	29.9	31.6	33.2	32.4	31.8	31.5	34.4	30.4	28.5	27.9	33.2	35.4	33.8
30-39	52.9	49.5	52.7	49.2	50.7	48.4	48.5	48.4	45.5	48	41.4	41.9	39.5
40-49	79.8	75.9	78.6	71.3	70.5	71.8	71.1	70.3	72.1	68.3	69.5	71.3	63.1
50-59	117.6	116.1	121.7	118.5	118.5	117.1	120.3	115.7	111	102.1	102.9	97.3	94.9
60-64	185.7	173	173.4	171.7	180.5	179	175.3	168.4	160.8	142.1	140.6	141.4	134.6
65-69	216	203.1	220.8	227.1	227.1	214.9	207	203.8	204	190.9	184.6	177.8	165.9
70-79	273.3	275.2	277.1	285	277.6	273.9	276.3	272.6	271.4	257.4	244.3	240.6	226.4
80+	377.5	383.1	394.5	407.2	411.6	398.4	384.6	372.7	377.1	364.7	351.8	349.7	324.5
0-19	24.7	21.6	27.8	27.9	30.2	27.6	27.5	28	24.6	20.7	21.9	22.9	25.1
20-44	54.3	54.5	54	49.3	51.5	54.8	52.1	52.1	50	49	48.1	50.3	45.2
45-64	136.5	127.9	132.4	128.5	130.9	128.3	129.5	124.9	119.2	110.3	108.8	107.6	103.1
65-74	231.7	224.3	239.1	244.1	245.9	234.5	231.7	230	226.8	213	201.9	199.4	187.2
75+	338.6	347.9	340.1	352.3	339.8	339.9	340	323.8	333.4	322.1	307.6	305.4	283.5
Male	175.9	168.4	176.1	177	180.5	176.3	172.9	164.4	162.6	154	153.7	152.5	139.9
Female	175.2	176.9	180.3	181.7	177	173.5	174.1	176.2	174.1	162.8	153.3	149.5	144.6
White	193.7	187.6	190.6	186.2	186.4	182.2	184.1	176.6	172.3	160.6	161.1	155.9	148.1
Black	149.8	149.9	160.8	169.8	169.9	167	162.2	160	162.8	158.4	142.4	148.2	136.6
Native American	172.4	201.6	173.3	195.9	181.1	177.6	140.5	166.2	204.1	155.8	163.8	145.7	132.1
Asian	97.4	102.5	108.5	122.1	113.1	101.9	93.9	129	121.7	108.6	111.8	87.7	81.2
†Hispanic				116.86	123.11	111.97	129.92	127.58	131.89	124.27	131.93	101.31	96.19
†Non-Hispanic				192.4	194.4	189.05	185.2	183.23	182.98	167.15	167.35	169.48	157.08
All	175.9	172.8	178.5	179.9	179.2	175.3	173.7	170	168.1	158.2	153.5	151	142.1

Table H.20.2 (supplement)

**Annual deaths per 1,000 patients: CAPD/CCPD Patients, by primary diagnosis***period prevalent patients*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					20	27.5	21.3	17.4	17.7	19.2	20.2	24	21.3
20-29					19.6	23.3	28.1	22.9	26	29.4	30.9	27.9	24.9
30-39					32.3	40.5	43.8	42.9	48.7	52.7	45.3	44.2	47.2
40-49					47.9	52.4	66	66.2	73	68.3	68.1	58.5	60.4
50-59					73.5	92.7	98.7	108	115.7	115.9	111.1	104.7	104.3
60-64					119.1	133.4	148.1	146.9	162	149.3	140	151.6	162.7
65-69					153.4	177.6	176.3	185.8	201.2	175.7	177.4	192.8	197.8
70-79					231	237.7	261.1	257.3	256.7	229.4	240.7	240.1	254.5
80+					298.6	331.7	344.3	354.3	427.8	339.4	389.4	350.2	373.3
0-19					16.2	26.3	20	17.2	17.3	19.3	20.1	25.8	21.9
20-44					31.8	39.2	43.4	42.5	45.6	48.5	45.2	41.8	42.8
45-64					78.8	93.6	107.4	110.7	122.2	114.1	109.1	105.7	109.9
65-74					173.2	194.1	202	203.2	208.5	185.2	192.7	201.3	211.1
75+					300.8	308.7	340.6	334.5	348.9	267.2	316.5	304.1	316.7
Male					132.5	148.6	155.5	161.4	172.8	159.1	159.5	158.6	166
Female					125.9	136.7	152.3	148.7	164.5	145.6	155.8	144.9	150.7
White					135.1	141.1	151.7	144.4	162.8	158.1	158.9	145.3	151.5
Black					123.7	153.6	163	192.4	195.2	151.3	144.9	168.6	178.3
Native American					64.2	69.1	114	107.2	124.4	242.5	329	234.4	239.4
Asian					91.4	102.2	125.4	66.9	72.3	36.6	152.2	110.2	107.5
†Hispanic													
†Non-Hispanic													
All					129.7	143.3	154.6	155.5	169.1	152.5	157.7	152.8	158.9
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	21.2	18.9	19.8	22.1	23.5	19.8	21.5	19.8	19.5	18.2	20.4	18.7	19.1
20-29	25.5	27.7	28	29.2	28.5	27.8	30.6	25.4	24.8	25.5	34.5	32.9	28.6
30-39	48.8	46.2	42.9	41.9	42.1	41.7	41.7	40.3	38.7	43	41.6	38.2	34.3
40-49	60.6	65.1	68.9	66.3	62.6	63.2	63.6	60	59.7	60.2	62.5	63.8	56.2
50-59	98	102.3	99.1	102.4	91.6	93.4	94.7	95.5	91	88.3	95.6	89.9	86
60-64	154.6	151.3	141.4	146.9	141.6	145.2	142.3	136.9	131.5	120.7	124	118	116.2
65-69	183.8	180.2	178.7	184.9	175.9	176.7	171.3	170.9	160.2	159.3	158.8	154.7	152.7
70-79	211.2	222.3	217.1	245.1	226.5	232.8	236.3	234.8	215.1	210.8	205.5	204.6	212.6
80+	325.8	312.2	326.7	347.3	344.8	347.3	344.8	334	307.4	293.4	304	308.8	317.4
0-19	22.7	19.5	20.7	22.7	23.3	19.8	20.6	19.5	19.3	17.2	19.3	18.1	17.6
20-44	45.4	44.9	44.9	42.1	43.3	42.5	44.4	40.3	39.8	41	43.2	41.1	35.6
45-64	101.6	104.3	101.7	106	95.3	97.9	96.1	94.7	91.9	90.3	93.6	90.3	85.8
65-74	180.8	190.3	185.7	204.4	194.9	194.4	188.5	189.2	171.9	172.6	172.7	169	170.9
75+	279.5	276.8	271.7	299.3	287	295.3	309	299.3	272.7	260.5	266.6	274.2	281
Male	153	154.5	149.7	154.5	146.2	147	148.5	144.7	136	129.5	134.5	135.3	129.6
Female	132.9	134.1	138.6	151.6	144.9	148.6	147.2	146.2	135.4	134.8	132.2	126.9	133.1
White	143.8	145.6	146.2	152.8	151.8	153.8	156.4	151.7	140.1	135.2	130.1	130.7	132.2
Black	151.3	151	146.6	157.2	135.9	139.6	131.9	133.5	128.7	130.7	146.8	138.7	136.6
Native American	111.5	96.7	125.6	120.2	117.7	139.1	141.5	167.6	140.2	124.6	106.5	101.9	86.3
Asian	80.2	100.8	96.5	128.1	104.6	94.4	116.8	110.7	99.7	83.5	86.7	86.2	79.8
†Hispanic				56.6	57.35	60.7	75.47	46.73	64.36	71.43	50	71.77	42.76
†Non-Hispanic				113.2	108.09	110.51	113.19	105.43	94.83	97.07	101.94	89.63	94.31
All	143.9	144.8	144.6	153.4	145.6	147.5	147.7	145.2	135.7	132	133.3	131.2	131.3

Table H.20.2 (supplement)

**Annual deaths per 1,000 patients: CAPD/CCPD Patients, by primary diagnosis***period prevalent patients*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19					46.8	47.8	38.3	34.7	41	37.8	38.1	44	45.1
20-29					53.5	47.8	53.6	44.1	56.2	58.3	57.9	58.4	58.2
30-39					76.3	74.1	80.9	80.6	87.7	89.3	76.8	75.2	81.2
40-49					118.4	106	113.6	110.1	120.7	104	99.5	94.1	98.3
50-59					132.2	140.7	148.4	148.1	163.3	154.2	141	148.1	137.8
60-64					208.6	192.6	196.6	196.1	210.7	202.5	180.5	182.6	183.5
65-69					236.5	237.6	240.4	251.5	256.4	228.7	200.1	218.4	211.4
70-79					276	281.2	314	305.6	318.1	284.6	268.2	266	269.9
80+					361.1	403.6	441.3	409.6	427.4	380.1	353.7	338.9	354.1
0-19					47	46	36.7	33.3	39.4	36.3	37	41.4	43.4
20-44					78.4	72	72.8	78.3	82.9	84	77.3	78.6	82.5
45-64					150.2	148.1	159.2	153.1	172	159.1	144.4	141.8	138.1
65-74					250.8	252.4	264.6	268.1	278.3	238.1	220.5	227	230.5
75+					315.3	347	398.3	377.8	382.3	348.1	323.4	320.5	314.6
Male					194.6	186.2	211.8	210.3	223.1	203.4	182.6	188.5	197.1
Female					182.6	199.7	201.2	192.6	205.9	190.8	179.8	174.7	167
White					180.2	186.2	202.7	190.7	205.6	194.8	178	173.3	174.8
Black					218.6	214.5	228.3	241	240	207.8	192.9	202	204.9
Native American					122.2	96	77.8	145.1	260.5	206.8	241	221.9	142.1
Asian					138.3	167.6	157.8	104.9	148.3	127.3	108.7	142.3	134.7
†Hispanic													
†Non-Hispanic													
All					189.5	193.2	208.1	202.1	215.9	198.1	182.9	183	183.7
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	34.6	37.2	41	44	42.1	36.7	38.1	34.8	33	28.6	31	31.1	30.9
20-29	55.6	60.6	58.8	57	47.3	46.8	48.3	41.1	39.3	38.5	47.5	50.5	43.3
30-39	90	89.6	84.1	83.7	74.2	68.7	66.1	64.1	59.7	62.5	58	58.4	49.9
40-49	101	95.9	102.3	100	88.8	83.7	85.4	85.5	84.6	84.1	84.2	85.7	74.4
50-59	131.6	121.4	129.4	127	123.6	123.1	122.7	128.2	120.7	118.7	111.3	112.2	108
60-64	196.2	177.3	181.3	182.2	187.8	179.8	177.4	176.9	165.4	156.1	153.7	158.8	143.8
65-69	222.1	203.6	208.9	226.8	212.6	200.4	194.7	205.3	198	198.1	187	183.1	174.8
70-79	262.5	265.3	262.1	284.7	274.4	269.2	263.5	263.5	244.6	252.2	240.8	242.7	234.6
80+	389.7	355	366.1	374.9	378	348.1	356	357.6	338.3	337.6	345.1	343	329.7
0-19	32.2	35.9	40.1	43.4	41.9	35.9	38.2	34.5	32.8	28.9	31.3	30.9	31.3
20-44	87.9	82.2	83.6	83.4	73.2	67.2	67.3	62.2	60.5	62.1	61.6	62.1	54
45-64	135.1	128.2	131	128.7	125.2	124.6	122.7	127.8	119.9	113.3	112.3	117.9	109
65-74	229.1	220.2	221.6	240.7	231.4	225.7	215.4	219.9	207	209.6	201.4	204.2	196.4
75+	340.8	337	337.4	345.2	324.4	312.5	316.4	323	304.3	314	303.1	299.7	279.7
Male	193	187.2	189.6	199.6	192.1	178.8	171.5	175.6	167.4	165.6	161.9	162.4	156.8
Female	176.8	163.6	171.2	172.7	167.2	167.9	171.9	171.8	160.4	161.8	155.8	157.9	144.6
White	172.8	163.6	173	170.2	170.7	172.1	166.6	170.2	161.8	159.5	152.6	155.8	147.3
Black	222	211.6	208.9	231.2	209.8	186.6	188.6	184.8	173	180	176.4	167.6	163.4
Native American	179.5	192.7	106.9	125.3	87.6	110.4	122.3	167.3	149.7	104.6	144.4	204.2	133.7
Asian	108.9	97.9	88.9	107.8	115.8	101.8	132.7	136.1	123.4	121.4	119.9	148.5	113.1
†Hispanic				69.08	94.43	94.25	96.15	79.17	95.4	85.25	86.48	84.13	65.15
†Non-Hispanic				143.32	134.97	136.41	133.93	144.27	127.5	133.03	126.77	129.2	117.6
All	186.1	176.6	181	187.3	180.4	173.9	171.8	173.8	164.1	163.9	159	160.2	151.2



Table H.20.3 (supplement)

**CAPD/CCPD Patients: counts of total deaths, by primary diagnosis**

period prevalent patients

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	13	20	25	18	18	24	22	24	31	30
20-29	*	*	16	28	37	40	58	42	65	66	63	71	71
30-39	*	25	54	59	107	147	183	185	219	225	209	245	305
40-49	15	24	55	116	165	193	282	275	301	307	368	391	511
50-59	26	47	123	198	263	404	459	501	555	559	589	684	762
60-64	*	29	90	160	232	296	383	400	468	473	499	564	624
65-69	*	34	92	154	183	284	374	463	522	503	606	724	782
70-79	20	37	114	213	242	377	503	608	700	743	822	949	1,181
80+	*	*	28	53	57	86	107	127	172	186	210	251	304
0-19	*	*	*	13	20	25	18	18	24	22	24	31	30
20-44	14	41	97	136	225	279	356	361	414	440	449	505	609
45-64	42	88	241	425	579	801	1,009	1,042	1,194	1,190	1,279	1,450	1,664
65-74	23	57	159	295	333	520	673	839	932	946	1,090	1,280	1,504
75+	15	20	75	125	149	227	311	359	462	486	548	644	763
Male	49	112	319	487	730	974	1,334	1,414	1,658	1,691	1,867	2,157	2,583
Female	46	98	260	507	576	878	1,033	1,205	1,368	1,393	1,523	1,753	1,987
White	79	182	468	794	1,059	1,489	1,930	2,106	2,458	2,503	2,703	3,100	3,653
Black	15	28	106	187	230	322	396	476	503	526	603	742	828
Native American	*	*	*	*	11	23	22	29	43	38	46	39	43
Asian	*	*	*	*	*	18	19	*	22	17	38	29	46
†Hispanic													
†Non-Hispanic													
All	95	210	579	994	1,306	1,852	2,367	2,619	3,026	3,084	3,390	3,910	4,570
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	20	29	31	31	31	22	27	21	21	20	25	22	23
20-29	73	95	85	82	72	64	71	42	46	52	65	55	39
30-39	329	339	329	312	289	242	216	214	183	213	152	153	138
40-49	557	582	664	657	601	548	493	463	457	440	413	424	340
50-59	842	943	1,024	1,047	1,068	1,019	933	893	866	830	824	807	756
60-64	721	668	724	791	759	708	626	592	559	490	502	539	482
65-69	903	936	1,039	1,062	968	881	781	782	748	682	651	622	578
70-79	1,347	1,571	1,631	1,746	1,621	1,602	1,498	1,409	1,303	1,254	1,212	1,204	1,191
80+	344	399	485	509	539	498	459	447	464	485	514	512	516
0-19	20	29	31	31	31	22	27	21	21	20	25	22	23
20-44	661	700	701	676	617	534	486	447	424	438	370	375	306
45-64	1,861	1,927	2,125	2,213	2,172	2,047	1,853	1,757	1,687	1,587	1,586	1,603	1,449
65-74	1,678	1,877	2,044	2,086	1,940	1,797	1,615	1,591	1,454	1,355	1,297	1,284	1,231
75+	916	1,029	1,111	1,231	1,188	1,184	1,123	1,047	1,061	1,066	1,080	1,054	1,054
Male	2,764	2,992	3,278	3,380	3,166	2,944	2,660	2,572	2,457	2,354	2,380	2,364	2,187
Female	2,372	2,570	2,734	2,857	2,782	2,640	2,444	2,291	2,190	2,112	1,978	1,974	1,876
White	4,072	4,364	4,628	4,755	4,622	4,328	3,928	3,732	3,553	3,438	3,292	3,270	3,127
Black	954	1,060	1,227	1,263	1,126	1,076	972	938	911	848	858	876	776
Native American	51	65	57	73	59	58	60	47	47	44	61	53	41
Asian	59	73	100	146	141	122	144	146	136	136	147	139	119
†Hispanic				362	464	471	411	422	928	425	452	428	369
†Non-Hispanic				5,894	5,531	5,169	4,744	4,501	8,452	4,076	3,946	3,952	3,720
All	5,136	5,562	6,012	6,237	5,948	5,584	5,104	4,863	4,647	4,466	4,358	4,338	4,063

Table H.20.3 (supplement)

**CPD/CCPD Patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	15	17	17	26	22	25	19	15	24	24
30-39	*	20	32	39	60	86	107	107	120	106	112	122	149
40-49	*	14	29	62	77	97	143	145	148	151	194	212	278
50-59	*	21	43	86	110	164	196	224	246	248	306	340	416
60-64	*	*	41	61	71	91	158	158	169	190	227	256	310
65-69	*	*	23	51	42	84	104	153	162	173	263	276	317
70-79	*	*	21	44	34	65	83	138	161	178	214	297	339
80+	*	*	*	*	*	*	*	11	17	25	18	43	44
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	12	29	55	82	118	155	194	197	217	198	224	247	293
45-64	19	37	99	181	217	300	436	459	491	516	630	707	884
65-74	*	11	36	86	69	124	164	254	259	292	407	470	557
75+	*	*	*	12	13	31	32	48	81	84	88	146	143
Male	19	43	101	160	220	300	431	478	536	549	674	795	965
Female	21	35	98	202	198	311	397	482	513	542	676	776	913
White	34	69	155	287	347	484	673	788	857	884	1,080	1,283	1,526
Black	*	*	41	68	61	104	131	148	152	174	226	251	300
Native American	*	*	*	*	*	17	18	21	30	27	27	29	30
Asian	*	*	*	*	*	*	*	*	*	*	17	*	22
†Hispanic													
†Non-Hispanic													
All	40	78	199	362	418	611	828	960	1,049	1,091	1,350	1,571	1,878
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	20	31	26	27	21	*	18	11	*	*	15	12	*
30-39	152	161	160	147	133	124	96	105	88	100	55	63	59
40-49	292	307	334	364	341	282	251	241	210	223	189	186	170
50-59	494	537	580	627	663	618	546	502	520	486	484	479	419
60-64	360	363	387	467	409	416	376	349	341	298	298	318	286
65-69	383	445	500	520	513	484	425	413	430	371	346	344	308
70-79	449	528	580	642	623	650	622	613	554	553	524	510	525
80+	58	70	81	99	132	130	119	98	107	120	137	121	134
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	299	340	322	332	284	241	207	216	184	195	135	150	125
45-64	1,019	1,059	1,165	1,300	1,283	1,208	1,080	992	984	920	906	908	813
65-74	684	798	890	946	927	897	806	799	756	683	656	632	611
75+	206	245	271	315	341	367	360	325	335	361	351	343	356
Male	1,112	1,215	1,337	1,465	1,402	1,374	1,243	1,219	1,155	1,125	1,112	1,085	1,016
Female	1,096	1,228	1,312	1,428	1,433	1,339	1,211	1,113	1,104	1,034	936	948	889
White	1,762	1,938	2,048	2,230	2,197	2,089	1,891	1,832	1,756	1,699	1,564	1,532	1,473
Black	369	426	507	531	518	515	448	406	402	357	368	389	332
Native American	41	49	45	57	44	42	45	31	34	32	44	36	34
Asian	36	30	49	75	76	67	70	63	67	71	72	76	66
†Hispanic				223	299	314	242	278	600	264	296	276	250
†Non-Hispanic				2,680	2,575	2,441	2,249	2,091	3,974	1,915	1,776	1,781	1,675
All	2,208	2,443	2,649	2,893	2,835	2,713	2,454	2,332	2,259	2,159	2,048	2,033	1,905

Table H.20.3 (supplement)

**CPD/CCPD Patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	*	*	*	*	*	*	*	*	*	*
30-39	*	*	*	*	*	11	16	*	22	20	19	23	30
40-49	*	*	*	11	14	27	36	23	37	37	44	56	69
50-59	*	*	23	28	40	86	79	89	94	98	90	131	146
60-64	*	*	20	42	51	83	63	85	102	96	123	129	128
65-69	*	*	28	44	45	65	103	115	140	135	168	210	236
70-79	*	14	39	69	79	141	148	209	248	269	299	343	465
80+	*	*	*	31	21	35	39	55	71	88	107	136	150
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	*	*	*	*	21	21	34	17	41	44	40	52	65
45-64	*	*	48	77	97	188	164	189	219	216	241	294	313
65-74	*	19	49	86	87	155	187	233	276	298	331	394	497
75+	*	*	28	58	58	86	103	146	183	194	243	295	354
Male	14	22	71	123	154	261	300	331	435	451	528	604	743
Female	*	13	63	108	109	189	188	256	284	301	328	434	487
White	14	27	103	170	186	339	364	434	542	573	668	780	950
Black	*	*	31	59	75	105	119	148	168	171	172	247	260
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	11
†Hispanic													
†Non-Hispanic													
All	19	35	134	231	263	450	488	587	719	752	856	1,038	1,230
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	*	*	*	*	*	*	*	*	*	*
30-39	34	38	43	28	37	24	19	22	20	15	15	23	13
40-49	85	79	105	90	86	89	60	72	92	67	70	76	50
50-59	120	151	180	171	166	157	160	137	132	124	125	115	126
60-64	172	138	156	145	159	127	115	123	94	85	90	98	101
65-69	262	255	292	269	245	188	172	175	161	143	157	138	127
70-79	563	604	616	610	549	514	477	425	432	370	391	389	361
80+	179	222	248	261	245	226	200	209	226	228	234	253	240
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	75	82	89	66	83	71	42	59	60	47	46	54	38
45-64	344	333	402	374	370	333	316	301	281	250	258	263	256
65-74	550	578	644	583	545	443	420	403	372	331	339	339	300
75+	454	503	512	557	494	485	429	406	447	410	443	441	428
Male	804	847	983	932	887	776	673	625	646	583	629	636	567
Female	620	649	667	649	605	556	534	544	514	455	457	462	458
White	1,112	1,135	1,212	1,149	1,098	978	898	816	824	748	806	783	752
Black	299	337	409	395	361	326	280	299	295	258	234	286	243
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	17	24	31	27	23	26	48	34	28	40	24	26
†Hispanic				61	65	58	66	68	134	64	69	54	53
†Non-Hispanic				1,524	1,430	1,281	1,146	1,112	2,198	980	1,019	1,053	975
All	1,424	1,496	1,650	1,581	1,492	1,332	1,207	1,169	1,160	1,038	1,086	1,098	1,025

Table H.20.3 (supplement)

**CAPD/CCPD Patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	*	*	*	*	*	*	14	18	*	11
30-39	*	*	*	*	12	20	25	27	39	45	33	44	54
40-49	*	*	*	*	16	19	41	38	49	52	55	46	66
50-59	*	*	23	26	26	50	58	69	71	86	78	71	90
60-64	*	*	11	12	24	44	56	53	72	68	58	76	81
65-69	*	*	11	17	22	39	50	60	83	73	75	100	98
70-79	*	*	16	29	42	52	83	83	88	114	130	125	158
80+	*	*	*	*	*	*	13	16	33	17	33	23	37
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	*	*	*	14	25	39	57	54	66	87	77	78	98
45-64	*	13	37	42	57	100	133	139	173	178	165	169	204
65-74	*	*	22	36	44	74	100	109	140	144	144	169	186
75+	*	*	*	15	25	27	46	50	64	60	94	79	107
Male	*	*	51	62	96	152	208	219	270	300	304	333	383
Female	*	14	28	48	62	98	131	135	176	176	182	172	217
White	*	19	69	93	143	207	286	291	374	400	389	400	489
Black	*	*	*	16	13	38	46	61	68	69	81	98	102
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic													
†Non-Hispanic													
All	*	23	79	110	158	250	339	354	446	476	486	505	600
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	15	18	19	21	25	18	25	15	14	13	25	12	13
30-39	49	47	40	42	45	39	35	28	32	40	39	25	27
40-49	70	92	101	90	87	92	85	62	64	72	57	74	57
50-59	91	114	105	116	84	100	100	100	92	91	105	83	87
60-64	74	77	73	86	81	76	61	46	61	40	40	36	35
65-69	111	111	114	110	98	91	76	75	55	62	62	58	60
70-79	136	192	184	225	202	191	194	155	122	123	109	107	110
80+	33	35	55	59	70	62	57	52	45	44	51	50	53
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	105	108	111	99	113	96	103	71	74	80	85	65	59
45-64	194	240	227	256	209	229	203	180	189	176	181	165	160
65-74	184	233	225	245	218	201	174	164	123	130	118	114	122
75+	96	105	128	149	152	143	153	118	99	99	104	101	101
Male	382	430	423	445	405	376	362	300	274	262	271	268	235
Female	207	261	272	313	296	296	274	239	215	225	220	181	208
White	479	563	556	606	580	536	510	420	372	375	353	349	347
Black	100	109	117	122	96	111	95	98	96	91	116	79	78
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	16	16	25	19	18	24	16	18	16	18	17	16
†Hispanic				36	39	40	48	30	82	45	32	45	26
†Non-Hispanic				723	665	634	592	511	902	444	462	407	418
All	589	691	695	758	701	672	636	539	489	487	491	449	443

Table H.20.3 (supplement)

**CPD/CCPD Patients: counts of total deaths, by primary diagnosis**

period prevalent patients

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	12	14	13	12	20	14	16	17	23
20-29	*	*	*	*	13	15	18	13	27	24	25	30	31
30-39	*	*	12	*	25	30	35	43	38	54	45	56	72
40-49	*	*	13	35	58	50	62	69	67	67	75	77	98
50-59	*	12	34	58	87	104	126	119	144	127	115	142	110
60-64	*	11	18	45	86	78	106	104	125	119	91	103	105
65-69	*	14	30	42	74	96	117	135	137	122	100	138	131
70-79	*	16	38	71	87	119	189	178	203	182	179	184	219
80+	*	*	12	14	25	35	46	45	51	56	52	49	73
0-19	*	*	*	*	12	14	13	12	20	14	16	17	23
20-44	*	*	25	32	61	64	71	93	90	111	108	128	153
45-64	*	28	57	125	208	213	276	255	311	280	243	280	263
65-74	*	23	52	87	133	167	222	243	257	212	208	247	264
75+	*	11	28	40	53	83	130	115	134	148	123	124	159
Male	14	38	96	142	260	261	395	386	417	391	361	425	492
Female	12	36	71	149	207	280	317	332	395	374	337	371	370
White	23	67	141	244	383	459	607	593	685	646	566	637	688
Black	*	*	24	44	81	75	100	119	115	112	124	146	166
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic													
†Non-Hispanic													
All	26	74	167	291	467	541	712	718	812	765	698	796	862
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	23	23	21	22	19	23	15	17	18	22	17	19
20-29	30	37	33	28	21	30	24	*	20	25	21	26	18
30-39	94	93	86	95	74	55	66	59	43	58	43	42	39
40-49	110	104	124	113	87	85	97	88	91	78	97	88	63
50-59	137	141	159	133	155	144	127	154	122	129	110	130	124
60-64	115	90	108	93	110	89	74	74	63	67	74	87	60
65-69	147	125	133	163	112	118	108	119	102	106	86	82	83
70-79	199	247	251	269	247	247	205	216	195	208	188	198	195
80+	74	72	101	90	92	80	83	88	86	93	92	88	89
0-19	*	23	23	21	22	19	23	15	17	18	22	17	19
20-44	182	170	179	179	137	126	134	101	106	116	104	106	84
45-64	304	295	331	283	310	277	254	284	233	241	241	267	220
65-74	260	268	285	312	250	256	215	225	203	211	184	199	198
75+	160	176	200	210	201	189	181	198	180	196	182	169	169
Male	466	500	535	538	472	418	382	428	382	384	368	375	369
Female	449	432	483	467	448	449	425	395	357	398	365	383	321
White	719	728	812	770	747	725	629	664	601	616	569	606	555
Black	186	188	194	215	151	124	149	135	118	142	140	122	123
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	11	15	19	14	24	19	17	21	17	22	11
†Hispanic				42	61	59	55	46	112	52	55	53	40
†Non-Hispanic				967	861	813	757	787	1,378	737	689	711	652
All	915	932	1,018	1,005	920	867	807	823	739	782	733	758	690

Table H.20.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	26	47	129	225	324	385	466	462	473	505	553	587	648
20-29	27	72	203	293	517	640	694	793	881	969	1,001	1,135	1,269
30-39	43	151	389	596	962	1,272	1,501	1,607	1,752	1,948	2,178	2,533	2,846
40-49	66	152	425	655	1,108	1,385	1,632	1,785	1,938	2,261	2,624	3,097	3,671
50-59	79	243	659	960	1,503	1,868	2,183	2,308	2,456	2,571	2,904	3,350	3,850
60-64	24	99	345	514	799	1,085	1,351	1,463	1,610	1,697	1,866	2,106	2,246
65-69	25	98	269	404	583	844	1,127	1,353	1,468	1,620	1,818	2,106	2,487
70-79	35	91	268	483	592	863	1,163	1,382	1,565	1,700	1,991	2,366	2,890
80+	*	17	48	80	94	120	166	218	238	287	361	433	512
0-19	26	47	129	225	324	385	466	462	473	505	553	587	648
20-44	97	293	798	1,187	1,990	2,560	2,964	3,291	3,622	4,045	4,442	5,214	5,946
45-64	143	425	1,223	1,832	2,899	3,688	4,396	4,666	5,014	5,401	6,132	7,006	7,936
65-74	50	161	450	739	970	1,422	1,903	2,253	2,461	2,727	3,090	3,595	4,322
75+	18	45	135	228	299	405	554	700	810	880	1,080	1,310	1,568
Male	171	514	1,430	2,239	3,541	4,520	5,429	5,947	6,474	7,125	8,064	9,329	10,800
Female	162	457	1,305	1,971	2,941	3,942	4,853	5,425	5,907	6,433	7,232	8,384	9,620
White	267	791	2,150	3,223	5,006	6,467	7,827	8,556	9,229	9,989	11,138	12,801	14,554
Black	63	167	549	909	1,344	1,804	2,227	2,530	2,817	3,201	3,715	4,365	5,200
Native American	*	*	16	40	62	93	111	139	160	158	176	221	263
Asian	*	*	21	38	70	98	118	147	175	211	267	326	403
†Hispanic													
†Non-Hispanic													
All	333	971	2,735	4,210	6,482	8,461	10,283	11,372	12,381	13,558	15,295	17,713	20,420
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	655	671	652	661	656	615	540	540	565	574	594	594	583
20-29	1,375	1,464	1,466	1,429	1,395	1,315	1,181	1,118	1,107	1,103	1,021	1,019	984
30-39	3,058	3,357	3,445	3,377	3,122	2,815	2,624	2,551	2,440	2,408	2,366	2,300	2,248
40-49	4,049	4,402	4,727	4,968	4,799	4,524	4,181	4,003	3,933	3,780	3,756	3,781	3,688
50-59	4,196	4,698	5,157	5,378	5,297	5,036	4,788	4,806	4,727	4,841	4,876	4,987	4,944
60-64	2,494	2,577	2,748	2,858	2,698	2,534	2,282	2,195	2,174	2,160	2,225	2,361	2,325
65-69	2,724	3,021	3,101	3,110	2,987	2,697	2,496	2,395	2,338	2,331	2,365	2,326	2,298
70-79	3,301	3,741	4,055	4,062	3,968	3,795	3,588	3,429	3,321	3,342	3,448	3,476	3,449
80+	586	703	780	833	840	835	769	777	803	907	951	998	1,041
0-19	655	671	652	661	656	615	540	540	565	574	594	594	583
20-44	6,398	6,936	7,100	7,144	6,737	6,237	5,702	5,518	5,329	5,187	4,995	4,993	4,894
45-64	8,775	9,562	10,444	10,865	10,574	9,988	9,356	9,154	9,051	9,105	9,250	9,455	9,295
65-74	4,861	5,449	5,715	5,679	5,452	4,996	4,714	4,486	4,320	4,295	4,376	4,393	4,299
75+	1,749	2,016	2,220	2,325	2,343	2,332	2,139	2,115	2,142	2,286	2,388	2,407	2,490
Male	11,802	12,982	13,717	13,909	13,312	12,440	11,499	11,167	11,010	11,034	11,074	11,255	11,142
Female	10,636	11,653	12,416	12,767	12,450	11,727	10,952	10,647	10,396	10,413	10,529	10,586	10,420
White	15,837	17,119	17,961	18,189	17,541	16,345	15,097	14,581	14,241	14,298	14,306	14,456	14,287
Black	5,753	6,481	6,954	7,134	6,865	6,489	6,091	5,944	5,825	5,761	5,855	5,898	5,772
Native American	290	306	338	343	328	330	303	280	290	309	317	306	290
Asian	558	728	880	1,010	1,028	1,003	960	1,009	1,050	1,079	1,125	1,182	1,212
†Hispanic				2,366	2,575	2,509	2,429	2,556	5,142	2,579	2,648	2,664	2,619
†Non-Hispanic				24,436	23,388	21,871	20,209	19,440	38,049	19,091	19,191	19,413	19,197
All	22,438	24,634	26,132	26,675	25,762	24,167	22,451	21,814	21,406	21,447	21,603	21,841	21,561

Table H.20.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	18	53	78	117	138	151	174	184	194	209	215	237
30-39	19	61	142	201	322	416	487	524	568	625	678	791	906
40-49	19	43	121	195	277	376	457	514	573	686	821	986	1,191
50-59	17	46	132	232	357	459	554	632	702	791	1,016	1,229	1,505
60-64	*	18	68	119	145	226	311	354	440	504	579	720	857
65-69	*	13	43	82	99	159	219	271	335	405	496	609	762
70-79	*	*	36	69	53	119	157	211	247	294	384	499	663
80+	*	*	*	*	*	*	*	17	25	30	45	58	70
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	34	99	257	379	588	744	855	949	1,037	1,162	1,276	1,485	1,707
45-64	39	87	260	446	631	871	1,105	1,249	1,429	1,638	2,028	2,456	2,990
65-74	13	19	69	135	136	249	339	422	501	617	767	963	1,229
75+	*	*	11	23	22	35	46	77	106	112	157	202	267
Male	44	109	323	505	745	1,019	1,254	1,389	1,584	1,836	2,201	2,639	3,201
Female	42	100	274	479	635	883	1,099	1,316	1,495	1,700	2,031	2,470	2,997
White	67	182	481	758	1,082	1,491	1,832	2,044	2,309	2,652	3,182	3,830	4,587
Black	18	24	111	202	264	361	460	563	658	766	905	1,083	1,358
Native American	*	*	*	14	25	38	46	76	83	79	95	124	158
Asian	*	*	*	*	*	13	14	21	29	39	50	72	94
†Hispanic													
†Non-Hispanic													
All	86	209	597	984	1,380	1,903	2,352	2,705	3,079	3,536	4,232	5,109	6,198
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	251	239	242	207	187	166	128	121	111	110	106	100	76
30-39	955	992	990	944	857	772	711	698	640	600	562	531	512
40-49	1,324	1,386	1,550	1,666	1,536	1,416	1,324	1,269	1,215	1,218	1,196	1,165	1,101
50-59	1,646	1,861	2,091	2,232	2,247	2,133	2,016	2,034	2,026	2,089	2,171	2,186	2,095
60-64	988	1,035	1,151	1,251	1,219	1,180	1,101	1,071	1,060	1,070	1,082	1,137	1,111
65-69	932	1,087	1,161	1,202	1,246	1,165	1,069	1,025	1,070	1,085	1,075	1,066	1,055
70-79	796	957	1,060	1,153	1,206	1,201	1,214	1,167	1,141	1,170	1,206	1,229	1,243
80+	80	85	106	136	164	157	137	141	152	197	218	214	228
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	1,817	1,860	1,889	1,864	1,697	1,545	1,390	1,381	1,255	1,210	1,142	1,100	1,061
45-64	3,346	3,653	4,135	4,435	4,350	4,122	3,890	3,813	3,797	3,877	3,974	4,019	3,835
65-74	1,514	1,764	1,912	2,023	2,084	1,978	1,889	1,816	1,810	1,839	1,836	1,850	1,836
75+	295	365	415	468	533	544	531	518	553	613	663	660	690
Male	3,592	3,959	4,330	4,548	4,496	4,295	4,022	3,935	3,957	4,062	4,060	4,088	3,980
Female	3,385	3,692	4,026	4,243	4,170	3,899	3,683	3,597	3,462	3,480	3,557	3,543	3,443
White	5,076	5,518	5,965	6,205	6,197	5,857	5,531	5,417	5,291	5,354	5,324	5,307	5,235
Black	1,582	1,758	1,957	2,106	2,002	1,880	1,753	1,684	1,652	1,673	1,741	1,748	1,625
Native American	179	184	204	202	176	180	164	153	163	173	184	173	160
Asian	139	191	228	279	292	276	258	279	313	342	367	403	402
†Hispanic				951	1,097	1,060	1,042	1,147	2,329	1,158	1,170	1,192	1,148
†Non-Hispanic				7,916	7,699	7,261	6,768	6,484	12,685	6,480	6,549	6,534	6,368
All	6,977	7,650	8,355	8,791	8,666	8,194	7,705	7,532	7,419	7,542	7,617	7,631	7,423

Table H.20.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	*	*	13	16	16	16	18	22	27	28
20-29	*	*	19	19	29	51	66	72	78	91	90	122	159
30-39	*	18	41	82	127	172	203	226	265	293	343	419	466
40-49	15	25	78	133	212	262	317	350	389	468	561	644	772
50-59	14	50	139	213	327	368	465	524	536	584	647	763	899
60-64	*	22	73	126	195	253	312	349	383	431	486	560	583
65-69	*	30	76	105	148	219	300	384	426	482	557	674	795
70-79	*	29	91	168	203	278	392	481	542	608	749	940	1,154
80+	*	*	19	37	32	42	68	91	100	130	166	205	252
0-19	*	*	*	*	*	13	16	16	16	18	22	27	28
20-44	*	33	97	158	244	340	415	461	529	617	687	833	1,000
45-64	31	86	253	416	646	765	948	1,059	1,121	1,249	1,441	1,675	1,879
65-74	*	49	137	219	273	397	553	682	765	858	1,006	1,221	1,473
75+	*	15	49	91	110	142	206	275	303	362	466	598	728
Male	33	97	279	508	761	972	1,219	1,410	1,572	1,763	2,048	2,489	2,912
Female	23	88	261	387	522	686	919	1,083	1,162	1,341	1,573	1,865	2,196
White	36	106	322	525	761	966	1,263	1,501	1,644	1,883	2,209	2,644	3,073
Black	20	78	212	357	505	675	852	961	1,052	1,163	1,341	1,611	1,919
Native American	*	*	*	*	*	*	*	*	*	21	23	36	33
Asian	*	*	*	*	12	12	14	22	27	37	49	63	83
†Hispanic													
†Non-Hispanic													
All	56	185	540	894	1,283	1,658	2,138	2,493	2,734	3,104	3,622	4,354	5,108
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	29	21	29	22	23	19	13	16	14	12	*	15	12
20-29	188	195	195	185	187	170	155	177	177	162	142	122	131
30-39	536	623	647	593	539	481	454	431	426	432	450	453	442
40-49	876	999	1,076	1,078	1,020	974	886	878	881	801	828	829	829
50-59	937	1,061	1,185	1,223	1,144	1,057	1,001	1,015	978	990	970	1,028	1,087
60-64	638	642	698	658	607	585	510	497	484	459	504	548	513
65-69	854	936	911	864	789	677	615	635	572	578	609	602	574
70-79	1,310	1,480	1,622	1,527	1,419	1,318	1,199	1,125	1,104	1,091	1,189	1,196	1,214
80+	300	353	388	412	394	392	370	380	395	421	441	495	518
0-19	29	21	29	22	23	19	13	16	14	12	*	15	12
20-44	1,133	1,275	1,326	1,309	1,206	1,097	992	1,000	985	920	917	917	930
45-64	2,041	2,245	2,474	2,428	2,290	2,170	2,014	1,999	1,960	1,924	1,977	2,062	2,072
65-74	1,645	1,831	1,872	1,735	1,584	1,417	1,303	1,239	1,168	1,162	1,253	1,262	1,224
75+	819	939	1,049	1,068	1,018	970	881	901	903	928	985	1,031	1,082
Male	3,208	3,658	3,899	3,783	3,485	3,185	2,879	2,850	2,800	2,748	2,823	2,917	2,944
Female	2,458	2,653	2,851	2,779	2,635	2,487	2,323	2,305	2,230	2,199	2,318	2,369	2,376
White	3,357	3,662	3,907	3,770	3,473	3,207	2,898	2,833	2,770	2,760	2,877	2,971	2,991
Black	2,171	2,470	2,619	2,533	2,393	2,217	2,047	2,048	1,993	1,902	1,973	2,007	1,999
Native American	32	34	37	36	32	30	25	32	25	33	34	31	36
Asian	107	144	187	222	223	218	232	241	243	252	256	278	294
†Hispanic				412	415	410	400	423	825	410	421	441	454
†Non-Hispanic				6,168	5,727	5,292	4,831	4,757	9,293	4,568	4,751	4,877	4,902
All	5,667	6,311	6,750	6,562	6,120	5,672	5,202	5,155	5,031	4,947	5,140	5,286	5,320



Table H.20.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	18	46	77	110	130	146	153	154	174	184	219	230
20-29	12	27	62	96	180	230	242	278	312	369	384	407	453
30-39	15	45	116	173	274	379	469	508	544	584	663	749	804
40-49	19	34	98	150	283	365	424	453	498	570	639	760	888
50-59	19	55	141	182	308	422	469	473	492	514	530	597	662
60-64	*	20	62	96	167	247	291	305	337	327	352	353	350
65-69	*	17	51	61	120	165	225	284	294	308	341	376	429
70-79	*	17	38	84	115	153	217	254	321	341	363	413	485
80+	*	*	*	13	12	17	29	32	35	39	50	57	68
0-19	*	18	46	77	110	130	146	153	154	174	184	219	230
20-44	35	87	226	348	596	792	940	1,031	1,128	1,253	1,373	1,586	1,759
45-64	34	94	254	350	617	850	955	986	1,054	1,111	1,196	1,281	1,397
65-74	*	28	80	126	203	276	374	458	511	536	577	639	739
75+	*	*	16	31	44	58	96	112	139	152	178	206	243
Male	45	136	349	521	909	1,187	1,425	1,544	1,686	1,827	1,974	2,222	2,472
Female	43	98	274	411	661	919	1,086	1,197	1,301	1,400	1,533	1,709	1,896
White	76	200	528	767	1,274	1,672	1,992	2,154	2,309	2,446	2,599	2,880	3,189
Black	12	29	82	143	247	361	433	496	564	665	773	893	991
Native American	*	*	*	*	19	28	32	30	40	35	35	38	43
Asian	*	*	*	14	31	46	53	61	74	81	100	120	145
†Hispanic													
†Non-Hispanic													
All	88	233	622	933	1,570	2,107	2,511	2,741	2,987	3,227	3,507	3,931	4,368
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	233	248	241	236	228	209	190	175	176	183	184	186	185
20-29	507	533	561	584	574	539	498	440	447	423	386	403	405
30-39	833	911	936	989	929	831	772	761	752	747	723	717	696
40-49	973	1,075	1,132	1,213	1,232	1,154	1,064	972	944	864	881	889	871
50-59	723	787	857	852	848	889	851	841	822	823	819	818	810
60-64	398	404	408	446	441	378	330	308	303	284	287	306	307
65-69	442	470	494	492	451	382	348	318	308	294	295	287	299
70-79	553	620	666	668	672	638	573	509	473	460	444	431	394
80+	77	96	114	116	118	122	106	111	107	107	123	108	110
0-19	233	248	241	236	228	209	190	175	176	183	184	186	185
20-44	1,855	2,011	2,096	2,199	2,105	1,947	1,798	1,669	1,660	1,594	1,527	1,552	1,511
45-64	1,578	1,699	1,798	1,885	1,919	1,844	1,717	1,653	1,608	1,548	1,568	1,582	1,577
65-74	800	876	928	923	886	762	709	645	600	564	549	543	530
75+	272	310	346	353	354	380	319	293	288	297	312	285	272
Male	2,647	2,816	2,923	3,002	2,888	2,668	2,423	2,229	2,170	2,086	2,068	2,095	2,080
Female	2,091	2,327	2,486	2,594	2,605	2,475	2,309	2,205	2,162	2,099	2,073	2,051	1,996
White	3,442	3,684	3,830	3,875	3,768	3,460	3,129	2,887	2,807	2,721	2,703	2,702	2,625
Black	1,052	1,163	1,230	1,343	1,340	1,291	1,248	1,190	1,164	1,111	1,069	1,050	1,053
Native American	50	55	57	61	73	77	70	56	62	60	58	69	60
Asian	194	242	292	316	312	314	286	300	299	293	311	326	338
†Hispanic				506	550	540	519	532	1,060	521	534	515	509
†Non-Hispanic				5,104	4,962	4,621	4,235	3,928	7,677	3,713	3,653	3,678	3,621
All	4,738	5,144	5,409	5,596	5,493	5,142	4,733	4,434	4,332	4,185	4,141	4,147	4,076

Table H.20.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	14	27	78	136	201	238	296	284	297	307	343	338	384
20-29	*	23	69	99	189	221	235	269	307	315	318	391	420
30-39	*	28	89	140	240	305	342	349	376	447	493	574	670
40-49	14	50	128	177	336	382	434	469	478	537	602	707	821
50-59	28	92	247	334	512	619	694	679	726	682	710	761	784
60-64	*	39	141	173	292	359	438	456	450	435	449	472	456
65-69	12	38	99	156	216	300	383	413	413	424	424	447	501
70-79	15	37	104	162	221	313	398	435	456	456	495	514	589
80+	*	*	21	24	43	56	61	78	78	89	100	114	122
0-19	14	27	78	136	201	238	296	284	297	307	343	338	384
20-44	18	74	218	303	562	684	756	849	929	1,013	1,106	1,310	1,480
45-64	39	159	456	620	1,006	1,203	1,387	1,373	1,409	1,403	1,467	1,595	1,670
65-74	22	65	164	259	358	500	636	691	685	716	741	772	881
75+	*	20	59	82	123	169	206	236	263	253	279	303	331
Male	49	172	479	705	1,126	1,341	1,532	1,604	1,632	1,700	1,841	1,979	2,216
Female	54	171	496	694	1,124	1,453	1,749	1,829	1,949	1,991	2,094	2,339	2,531
White	88	303	818	1,172	1,890	2,337	2,740	2,857	2,967	3,008	3,148	3,447	3,705
Black	13	36	144	208	328	409	481	510	543	607	696	777	931
Native American	*	*	*	*	13	22	23	23	26	22	23	23	29
Asian	*	*	*	*	18	26	37	42	45	54	68	71	81
†Hispanic													
†Non-Hispanic													
All	102	343	975	1,400	2,249	2,794	3,281	3,433	3,581	3,691	3,935	4,318	4,746
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	388	394	377	402	402	383	333	344	371	377	401	392	386
20-29	430	496	468	452	447	441	401	379	372	408	388	394	372
30-39	735	831	872	852	797	732	687	661	622	628	630	598	599
40-49	877	942	970	1,012	1,011	980	907	884	892	897	853	898	886
50-59	891	990	1,025	1,071	1,058	957	920	916	900	939	916	955	952
60-64	470	497	491	503	432	391	342	319	327	347	352	370	394
65-69	496	528	536	551	501	474	463	417	387	374	387	370	371
70-79	641	684	707	714	671	638	602	628	602	621	611	620	599
80+	128	168	172	170	164	164	156	145	150	183	168	179	184
0-19	388	394	377	402	402	383	333	344	371	377	401	392	386
20-44	1,594	1,791	1,789	1,772	1,729	1,648	1,521	1,470	1,429	1,462	1,408	1,424	1,392
45-64	1,810	1,965	2,036	2,118	2,016	1,852	1,735	1,689	1,685	1,756	1,730	1,792	1,811
65-74	902	978	1,004	998	898	839	813	787	741	730	737	738	709
75+	363	402	411	437	438	438	408	404	398	447	428	432	445
Male	2,355	2,549	2,564	2,575	2,443	2,293	2,174	2,153	2,083	2,138	2,123	2,154	2,139
Female	2,701	2,981	3,054	3,151	3,040	2,867	2,636	2,540	2,541	2,635	2,581	2,623	2,604
White	3,962	4,256	4,259	4,339	4,104	3,820	3,538	3,444	3,374	3,462	3,402	3,475	3,436
Black	948	1,090	1,147	1,151	1,130	1,101	1,044	1,021	1,016	1,075	1,072	1,094	1,095
Native American	29	33	39	43	47	43	44	39	40	44	41	33	34
Asian	117	151	172	193	202	195	185	189	195	192	190	175	178
†Hispanic				497	513	500	468	454	928	491	523	515	508
†Non-Hispanic				5,249	5,000	4,698	4,375	4,271	8,394	4,330	4,238	4,324	4,307
All	5,057	5,530	5,618	5,726	5,482	5,160	4,811	4,693	4,624	4,773	4,704	4,777	4,743

Table H.20.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	44	106	244	368	560	604	697	721	710	746	796	831	902
20-29	51	142	327	451	741	879	1,010	1,095	1,227	1,301	1,383	1,544	1,684
30-39	97	276	611	885	1,328	1,743	2,067	2,185	2,394	2,621	2,933	3,412	3,780
40-49	116	269	644	974	1,504	1,849	2,217	2,431	2,631	3,052	3,516	4,167	4,830
50-59	157	434	976	1,381	2,041	2,488	2,890	3,095	3,279	3,479	3,933	4,507	5,123
60-64	51	205	523	786	1,115	1,489	1,830	1,976	2,170	2,291	2,556	2,864	3,086
65-69	49	190	442	617	825	1,201	1,576	1,868	2,058	2,235	2,567	2,975	3,382
70-79	69	184	481	759	883	1,309	1,715	2,040	2,270	2,492	2,892	3,427	4,148
80+	15	34	95	136	157	207	259	336	388	467	562	676	782
0-19	44	106	244	368	560	604	697	721	710	746	796	831	902
20-44	196	544	1,245	1,791	2,778	3,487	4,128	4,503	4,955	5,437	6,026	7,056	7,884
45-64	276	782	1,836	2,686	3,951	4,961	5,886	6,279	6,746	7,307	8,295	9,438	10,619
65-74	97	316	756	1,139	1,393	2,064	2,690	3,186	3,486	3,817	4,386	5,116	6,000
75+	36	92	262	373	472	653	860	1,058	1,230	1,377	1,635	1,962	2,312
Male	333	957	2,266	3,375	5,011	6,316	7,672	8,338	9,068	9,931	11,237	13,027	14,830
Female	316	883	2,077	2,982	4,143	5,453	6,589	7,409	8,059	8,753	9,901	11,376	12,887
White	529	1,501	3,412	4,908	7,086	9,126	10,988	11,990	12,984	14,014	15,692	17,969	20,217
Black	111	318	875	1,331	1,881	2,383	2,953	3,381	3,697	4,186	4,845	5,703	6,619
Native American	*	14	25	62	88	125	154	188	216	216	248	296	346
Asian	*	*	31	56	99	135	166	188	230	268	353	435	535
†Hispanic													
†Non-Hispanic													
All	649	1,840	4,343	6,357	9,154	11,769	14,261	15,747	17,127	18,684	21,138	24,403	27,717
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	933	956	957	933	917	843	782	757	789	823	840	832	831
20-29	1,815	1,930	1,883	1,838	1,758	1,612	1,485	1,370	1,365	1,341	1,258	1,244	1,194
30-39	4,021	4,380	4,382	4,244	3,920	3,522	3,274	3,171	3,010	2,937	2,874	2,826	2,726
40-49	5,326	5,715	6,095	6,308	6,003	5,612	5,189	4,965	4,872	4,652	4,666	4,667	4,505
50-59	5,606	6,219	6,737	6,920	6,861	6,497	6,182	6,121	6,086	6,197	6,186	6,275	6,254
60-64	3,391	3,425	3,696	3,770	3,576	3,344	3,040	2,924	2,902	2,840	2,908	3,064	2,987
65-69	3,770	4,102	4,234	4,222	3,999	3,642	3,330	3,262	3,200	3,152	3,195	3,061	3,017
70-79	4,695	5,336	5,601	5,734	5,489	5,309	4,989	4,752	4,661	4,632	4,653	4,705	4,691
80+	896	1,067	1,196	1,259	1,298	1,260	1,153	1,152	1,234	1,348	1,417	1,443	1,501
0-19	933	956	957	933	917	843	782	757	789	823	840	832	831
20-44	8,409	9,058	9,096	9,036	8,476	7,729	7,097	6,825	6,572	6,323	6,130	6,165	5,953
45-64	11,750	12,611	13,697	14,044	13,642	12,858	12,073	11,726	11,663	11,644	11,762	11,911	11,713
65-74	6,755	7,507	7,806	7,814	7,370	6,838	6,351	6,115	5,943	5,829	5,866	5,827	5,731
75+	2,606	2,998	3,225	3,401	3,416	3,373	3,121	3,051	3,152	3,303	3,399	3,382	3,478
Male	16,161	17,549	18,453	18,547	17,632	16,408	15,186	14,709	14,606	14,497	14,515	14,690	14,479
Female	14,292	15,581	16,328	16,681	16,189	15,233	14,238	13,765	13,513	13,425	13,482	13,427	13,227
White	22,012	23,584	24,489	24,723	23,723	22,071	20,389	19,675	19,317	19,163	19,035	19,167	18,874
Black	7,344	8,182	8,747	8,798	8,400	7,926	7,460	7,205	7,130	7,035	7,173	7,133	6,999
Native American	371	411	432	439	414	406	376	352	375	382	394	377	357
Asian	726	953	1,113	1,268	1,284	1,238	1,199	1,242	1,297	1,342	1,395	1,440	1,476
†Hispanic				3,106	3,337	3,228	3,120	3,296	6,522	3,266	3,347	3,336	3,249
†Non-Hispanic				32,312	30,754	28,690	26,548	25,420	50,212	24,937	24,949	25,105	24,772
All	30,453	33,130	34,781	35,228	33,821	31,641	29,424	28,474	28,119	27,922	27,997	28,117	27,706

Table H.20.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	*	*	*	13	12	*	*	*	*	*
20-29	15	42	101	145	210	231	253	279	287	303	314	334	355
30-39	49	126	234	333	477	629	747	791	867	916	1,009	1,149	1,306
40-49	35	82	212	314	428	547	702	781	839	1,012	1,196	1,445	1,703
50-59	33	109	226	379	551	689	831	943	1,045	1,168	1,488	1,776	2,108
60-64	16	51	128	202	243	345	484	533	650	732	878	1,050	1,271
65-69	*	30	83	142	159	254	352	446	529	633	784	965	1,126
70-79	14	18	75	113	108	192	263	350	406	481	625	818	1,038
80+	*	*	*	11	11	*	15	28	41	54	70	99	112
0-19	*	*	*	*	*	*	13	12	*	*	*	*	*
20-44	75	206	442	638	916	1,135	1,330	1,455	1,573	1,725	1,892	2,198	2,477
45-64	73	204	459	735	993	1,306	1,687	1,872	2,115	2,406	2,993	3,556	4,266
65-74	21	44	135	227	237	395	549	702	798	968	1,221	1,538	1,862
75+	*	*	27	39	41	60	81	122	178	200	258	344	414
Male	88	233	556	826	1,166	1,562	1,941	2,117	2,414	2,759	3,276	3,968	4,653
Female	84	226	509	815	1,029	1,343	1,719	2,046	2,260	2,548	3,098	3,673	4,376
White	143	389	853	1,280	1,734	2,316	2,882	3,203	3,599	4,078	4,893	5,857	6,836
Black	27	65	200	321	410	511	677	824	916	1,060	1,263	1,516	1,846
Native American	*	*	*	25	40	58	78	108	117	114	140	172	211
Asian	*	*	*	15	11	20	23	28	42	55	78	96	136
†Hispanic													
†Non-Hispanic													
All	172	459	1,065	1,641	2,195	2,905	3,660	4,163	4,674	5,307	6,374	7,641	9,029
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	*	13	*	*	*	*	*	*	*	*	*	*	*
20-29	372	356	351	310	273	232	188	170	158	152	147	140	105
30-39	1,350	1,444	1,383	1,314	1,197	1,061	956	937	870	796	755	713	676
40-49	1,868	1,961	2,137	2,292	2,059	1,896	1,770	1,707	1,616	1,599	1,577	1,535	1,426
50-59	2,341	2,632	2,894	3,059	3,090	2,918	2,755	2,731	2,736	2,811	2,831	2,871	2,748
60-64	1,416	1,458	1,644	1,749	1,681	1,630	1,537	1,488	1,478	1,449	1,447	1,503	1,461
65-69	1,372	1,565	1,717	1,736	1,778	1,648	1,504	1,470	1,538	1,499	1,497	1,446	1,411
70-79	1,250	1,472	1,620	1,791	1,805	1,813	1,791	1,728	1,687	1,717	1,717	1,733	1,769
80+	131	149	180	224	286	271	234	215	259	320	334	322	354
0-19	*	13	*	*	*	*	*	*	*	*	*	*	*
20-44	2,590	2,690	2,649	2,613	2,354	2,108	1,887	1,874	1,698	1,602	1,536	1,499	1,398
45-64	4,757	5,161	5,760	6,111	5,946	5,629	5,319	5,159	5,160	5,205	5,221	5,263	5,018
65-74	2,268	2,588	2,848	2,979	2,999	2,861	2,680	2,616	2,607	2,573	2,560	2,530	2,516
75+	485	598	669	772	870	871	849	797	877	963	988	971	1,018
Male	5,187	5,672	6,174	6,465	6,334	6,005	5,622	5,484	5,536	5,580	5,510	5,526	5,373
Female	4,920	5,378	5,759	6,013	5,841	5,470	5,120	4,969	4,810	4,766	4,799	4,739	4,578
White	7,553	8,176	8,708	9,062	8,952	8,400	7,891	7,710	7,546	7,514	7,375	7,331	7,152
Black	2,119	2,362	2,648	2,767	2,610	2,486	2,297	2,176	2,166	2,162	2,218	2,216	2,097
Native American	234	260	269	267	227	231	211	197	219	219	233	221	199
Asian	201	252	308	382	386	358	343	370	415	451	483	497	503
†Hispanic				1,340	1,483	1,425	1,404	1,540	3,058	1,511	1,548	1,546	1,476
†Non-Hispanic				11,257	10,867	10,217	9,478	9,049	17,880	8,960	8,893	8,848	8,589
All	10,107	11,050	11,933	12,478	12,175	11,475	10,742	10,453	10,346	10,346	10,309	10,265	9,951

Table H.20.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	16	17	24	23	21	22	28	34	45	42
20-29	*	12	30	26	49	68	96	98	110	123	132	171	213
30-39	*	25	71	116	168	221	269	290	352	375	434	535	593
40-49	23	39	116	184	271	336	401	448	499	603	708	834	970
50-59	34	83	213	302	431	501	590	668	706	764	848	984	1,165
60-64	16	39	118	203	267	359	416	483	512	578	661	744	761
65-69	13	59	129	166	216	312	431	525	594	659	787	931	1,078
70-79	18	59	169	261	301	456	584	717	798	923	1,113	1,343	1,655
80+	*	12	40	63	53	79	101	149	165	217	278	337	389
0-19	*	*	*	16	17	24	23	21	22	28	34	45	42
20-44	21	57	154	220	337	440	547	594	698	793	888	1,093	1,271
45-64	65	141	394	611	849	1,045	1,225	1,393	1,481	1,650	1,895	2,175	2,431
65-74	24	100	237	339	395	599	792	967	1,084	1,227	1,442	1,704	2,045
75+	11	30	101	151	175	248	324	424	473	572	736	907	1,077
Male	68	168	472	766	1,060	1,370	1,679	1,954	2,180	2,451	2,877	3,396	3,964
Female	55	165	424	571	713	986	1,232	1,445	1,578	1,819	2,118	2,528	2,902
White	81	202	561	815	1,069	1,454	1,808	2,130	2,355	2,716	3,187	3,740	4,313
Black	40	127	326	507	681	877	1,070	1,229	1,350	1,478	1,709	2,058	2,395
Native American	*	*	*	*	*	*	12	13	16	29	35	43	44
Asian	*	*	*	*	17	18	21	27	37	47	64	83	114
†Hispanic													
†Non-Hispanic													
All	123	333	896	1,337	1,773	2,356	2,911	3,399	3,758	4,270	4,995	5,924	6,866
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	42	33	38	33	33	26	16	24	19	18	11	22	16
20-29	251	263	238	240	229	205	192	211	215	193	168	145	160
30-39	676	758	776	711	640	558	534	509	501	501	526	539	513
40-49	1,094	1,222	1,302	1,280	1,216	1,140	1,041	1,038	1,038	947	985	967	954
50-59	1,173	1,327	1,463	1,466	1,393	1,298	1,238	1,220	1,199	1,209	1,197	1,239	1,312
60-64	847	833	901	827	787	729	648	635	612	588	633	690	658
65-69	1,173	1,255	1,207	1,143	1,035	900	805	825	764	770	804	772	755
70-79	1,895	2,121	2,187	2,089	1,930	1,820	1,643	1,539	1,541	1,493	1,577	1,604	1,609
80+	470	553	605	629	591	577	544	568	591	617	673	721	739
0-19	42	33	38	33	33	26	16	24	19	18	11	22	16
20-44	1,426	1,584	1,600	1,570	1,445	1,282	1,173	1,173	1,165	1,083	1,084	1,089	1,087
45-64	2,615	2,819	3,080	2,954	2,820	2,648	2,480	2,440	2,400	2,355	2,425	2,491	2,510
65-74	2,281	2,511	2,489	2,328	2,114	1,898	1,730	1,650	1,593	1,563	1,641	1,639	1,608
75+	1,257	1,418	1,510	1,533	1,442	1,399	1,262	1,282	1,303	1,317	1,413	1,458	1,495
Male	4,331	4,860	5,061	4,893	4,491	4,101	3,695	3,631	3,620	3,524	3,654	3,729	3,753
Female	3,290	3,505	3,656	3,525	3,363	3,152	2,966	2,938	2,860	2,812	2,920	2,970	2,963
White	4,725	5,098	5,248	5,066	4,666	4,325	3,903	3,790	3,761	3,711	3,843	3,933	3,970
Black	2,718	3,032	3,187	3,032	2,869	2,631	2,445	2,435	2,388	2,286	2,373	2,387	2,353
Native American	40	42	42	42	42	35	32	42	35	40	41	39	48
Asian	138	193	240	278	277	262	281	302	296	299	317	340	345
†Hispanic				522	528	518	508	533	1,016	515	523	533	551
†Non-Hispanic				7,921	7,356	6,776	6,188	6,069	12,012	5,863	6,089	6,213	6,207
All	7,621	8,365	8,717	8,418	7,854	7,253	6,661	6,569	6,480	6,336	6,574	6,699	6,716

Table H.20.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	19	37	91	127	200	208	228	255	247	276	273	308	326
20-29	22	45	95	139	241	293	335	364	421	474	518	537	598
30-39	25	72	180	238	363	486	597	647	677	756	850	963	1,013
40-49	33	56	134	209	364	464	546	586	662	732	818	964	1,091
50-59	39	90	196	248	394	516	594	590	622	666	687	763	852
60-64	*	36	85	126	211	315	359	384	420	419	444	471	457
65-69	*	28	78	89	151	218	296	362	384	395	444	485	541
70-79	11	29	67	125	154	215	292	353	420	459	491	565	650
80+	*	*	16	17	18	31	46	46	60	57	67	79	103
0-19	19	37	91	127	200	208	228	255	247	276	273	308	326
20-44	62	143	338	490	782	1,008	1,224	1,336	1,456	1,617	1,795	2,049	2,235
45-64	65	156	352	470	791	1,066	1,207	1,235	1,346	1,430	1,522	1,649	1,776
65-74	14	48	130	183	256	372	495	595	666	693	751	838	948
75+	*	11	31	48	67	92	139	166	198	218	251	291	346
Male	84	225	526	746	1,220	1,561	1,904	2,062	2,233	2,429	2,634	2,962	3,222
Female	80	170	416	572	876	1,185	1,389	1,525	1,680	1,805	1,958	2,173	2,409
White	139	340	792	1,086	1,703	2,194	2,628	2,829	3,056	3,245	3,452	3,815	4,196
Black	23	50	134	198	325	457	551	641	717	851	971	1,115	1,202
Native American	*	*	*	14	22	33	39	37	51	43	43	49	52
Asian	*	*	11	20	46	62	75	80	89	95	126	156	181
†Hispanic													
†Non-Hispanic													
All	164	395	942	1,318	2,096	2,746	3,293	3,587	3,913	4,234	4,592	5,135	5,631
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	347	345	351	333	322	292	267	249	239	252	257	258	256
20-29	638	690	712	722	714	655	610	539	546	506	474	488	485
30-39	1,038	1,127	1,147	1,167	1,116	1,003	934	922	900	901	858	859	826
40-49	1,216	1,333	1,408	1,466	1,470	1,386	1,259	1,136	1,129	1,039	1,052	1,077	1,027
50-59	937	1,010	1,078	1,076	1,041	1,091	1,026	1,015	1,012	983	1,016	981	991
60-64	507	513	519	567	550	482	413	390	383	351	361	381	373
65-69	568	604	623	628	557	487	436	413	386	375	379	366	373
70-79	704	808	853	879	858	804	742	647	608	591	556	545	492
80+	102	133	161	165	178	172	152	149	144	148	163	149	150
0-19	347	345	351	333	322	292	267	249	239	252	257	258	256
20-44	2,322	2,519	2,602	2,640	2,557	2,341	2,160	2,007	1,996	1,911	1,828	1,866	1,799
45-64	2,014	2,154	2,262	2,358	2,334	2,276	2,082	1,995	1,974	1,869	1,933	1,920	1,903
65-74	1,015	1,131	1,169	1,199	1,101	973	889	813	759	716	693	689	664
75+	359	414	468	473	492	490	441	396	379	398	405	371	351
Male	3,467	3,656	3,801	3,813	3,632	3,336	3,026	2,798	2,718	2,608	2,591	2,661	2,555
Female	2,590	2,907	3,051	3,190	3,174	3,036	2,813	2,662	2,629	2,538	2,525	2,443	2,418
White	4,477	4,768	4,932	4,971	4,789	4,403	3,953	3,666	3,552	3,431	3,394	3,417	3,278
Black	1,280	1,402	1,488	1,573	1,549	1,497	1,453	1,378	1,367	1,286	1,282	1,224	1,222
Native American	60	68	75	77	89	88	82	67	73	73	68	77	68
Asian	240	325	357	382	379	384	351	349	355	356	372	386	405
†Hispanic				636	680	659	636	642	1,274	630	640	627	608
†Non-Hispanic				6,387	6,152	5,737	5,230	4,847	9,512	4,574	4,532	4,541	4,432
All	6,057	6,563	6,852	7,003	6,806	6,372	5,839	5,460	5,347	5,146	5,116	5,104	4,973

Table H.20.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	23	64	141	223	335	363	433	433	431	434	479	473	524
20-29	11	43	101	141	241	287	326	354	409	401	419	502	518
30-39	13	53	126	198	320	407	454	457	498	574	640	765	868
40-49	25	92	182	267	441	502	568	616	631	705	794	924	1,066
50-59	51	152	341	452	665	782	875	894	906	881	910	984	998
60-64	11	79	192	255	394	470	571	576	588	562	573	599	597
65-69	21	73	152	220	299	417	497	535	551	548	552	594	637
70-79	26	78	170	260	320	446	576	620	646	629	663	701	805
80+	*	19	35	45	75	88	97	113	122	139	147	161	178
0-19	23	64	141	223	335	363	433	433	431	434	479	473	524
20-44	38	138	311	443	743	904	1,027	1,118	1,228	1,302	1,451	1,716	1,901
45-64	73	281	631	870	1,318	1,544	1,767	1,779	1,804	1,821	1,885	2,058	2,146
65-74	38	124	254	390	505	698	854	922	938	929	972	1,036	1,145
75+	18	46	103	135	189	253	316	346	381	387	390	420	475
Male	93	331	712	1,037	1,565	1,823	2,148	2,205	2,241	2,292	2,450	2,701	2,991
Female	97	322	728	1,024	1,525	1,939	2,249	2,393	2,541	2,581	2,727	3,002	3,200
White	166	570	1,206	1,727	2,580	3,162	3,670	3,828	3,974	3,975	4,160	4,557	4,872
Black	21	76	215	305	465	538	655	687	714	797	902	1,014	1,176
Native American	*	*	11	15	20	27	25	30	32	30	30	32	39
Asian	*	*	*	14	25	35	47	53	62	71	85	100	104
†Hispanic													
†Non-Hispanic													
All	190	653	1,440	2,061	3,090	3,762	4,397	4,598	4,782	4,873	5,177	5,703	6,191
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	537	565	561	564	556	519	492	477	527	550	568	550	558
20-29	554	621	582	566	542	520	495	450	446	490	469	471	444
30-39	957	1,051	1,076	1,052	967	900	850	803	739	739	735	715	711
40-49	1,148	1,199	1,248	1,270	1,258	1,190	1,119	1,084	1,089	1,067	1,052	1,088	1,098
50-59	1,155	1,250	1,302	1,319	1,337	1,190	1,163	1,155	1,139	1,194	1,142	1,184	1,203
60-64	621	621	632	627	558	503	442	411	429	452	467	490	495
65-69	657	678	687	715	629	607	585	554	512	508	515	477	478
70-79	846	935	941	975	896	872	813	838	825	831	803	823	821
80+	193	232	250	241	243	240	223	220	240	263	247	251	258
0-19	537	565	561	564	556	519	492	477	527	550	568	550	558
20-44	2,071	2,265	2,245	2,213	2,120	1,998	1,877	1,771	1,713	1,727	1,682	1,711	1,669
45-64	2,364	2,477	2,595	2,621	2,542	2,305	2,192	2,132	2,129	2,215	2,183	2,237	2,282
65-74	1,191	1,277	1,300	1,308	1,156	1,106	1,052	1,036	984	977	972	969	943
75+	505	568	578	623	612	613	569	576	593	625	593	582	614
Male	3,176	3,361	3,417	3,376	3,175	2,966	2,843	2,796	2,732	2,785	2,760	2,774	2,798
Female	3,492	3,791	3,862	3,953	3,811	3,575	3,339	3,196	3,214	3,309	3,238	3,275	3,268
White	5,257	5,542	5,601	5,624	5,316	4,943	4,642	4,509	4,458	4,507	4,423	4,486	4,474
Black	1,227	1,386	1,424	1,426	1,372	1,312	1,265	1,216	1,209	1,301	1,300	1,306	1,327
Native American	37	41	46	53	56	52	51	46	48	50	52	40	42
Asian	147	183	208	226	242	234	224	221	231	236	223	217	223
†Hispanic				608	646	626	572	581	1,174	610	636	630	614
†Non-Hispanic				6,747	6,379	5,960	5,652	5,455	10,808	5,540	5,435	5,503	5,544
All	6,668	7,152	7,279	7,329	6,986	6,541	6,182	5,992	5,946	6,094	5,998	6,049	6,066

Table H.20.4 (supplement)

**Annual mortality rates: CAPD/CCPD patients, unadjusted**

per 1,000 patient years at risk, period prevalent patients, 2005, by age as of January 1, gender, race, &amp; primary diagnosis

DIABETES	Male					Female					All				
	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All
0-19	87.3	85.5	56.6	27.2	87.3	86.6	82.9	58.9	26.5	63.7	87.3	84.2	57.8	26.9	87.3
20-29	94.2	91.5	65.9	33.9	91.8	99.7	91.3	69.4	33.3	93.6	97.2	91.4	69.4	33.5	92.8
30-39	104.8	95.1	73.7	40.5	101	106.6	95.8	79.5	40.6	102	105.7	95.5	77.4	40.6	101.5
40-49	149.5	134	110.7	66.7	142.2	152	135.9	123.3	65.1	143.5	150.6	135.1	116.2	66	142.8
50-59	210	167.1	163.3	103.6	193	222.9	182.8	173.4	103	204	215.5	175.2	169.8	103.4	198
60-64	283.7	218.8	214	144.8	262.7	262.9	225.6	236	147.6	247.9	274.6	222.6	226.1	145.9	256
65-69	319.3	248.5	267.4	184.3	294.8	320.8	259.8	295.3	198.8	299.7	320	254.3	284.1	189.6	297
70-79	422.9	313.8	366.1	273.6	397.1	442.3	347.5	415.5	303.3	414.2	431.4	332.3	388.6	287.1	404.9
80+	561.8	439.2	546.7	438.4	546.6	639.4	467.2	617.7	473.7	598.5	591.5	457.4	546.7	453.7	568.1
All	269.1	194.1	205	162.5	247.8	272.4	205.7	211	178.5	249.4	270.6	200.4	208.4	169	248.6
<b>HYPERTENSION</b>															
0-19	32.7	35.3	20.9	8.4	34.2	31.6	32.7	21.1	7.8	31.6	32.2	35.3	21	8.1	33.5
20-29	40.3	41.6	27.1	11.5	38.3	39.7	38.8	27.6	11	37	40	40.1	27.1	11.2	37.6
30-39	46.5	47.9	33.7	15.5	46	47.3	44.7	34.8	14.8	43.9	46.8	46.4	34.4	15.2	45.1
40-49	75.7	74.1	56.3	27.2	71.6	77.1	72	59.2	26.8	70.2	76.4	73	58	27	70.9
50-59	117.8	113.1	90.5	47.5	111.2	117	109.7	95.7	46.7	108.3	117.5	111.5	92.4	47.1	109.9
60-64	185.6	151.3	135.4	73.9	166.5	181.3	145.1	143.3	74	157.5	183.7	148.2	139.1	74	162.2
65-69	232.2	189.1	183.9	111.6	217.3	224.4	192.5	202.2	110.4	207.9	229.2	191	195.9	111.1	213.1
70-79	306.8	282.2	280.4	174.7	297.8	322.4	277.5	308.2	184.1	305.6	312.8	279.6	301.2	179.1	301
80+	458.7	399.6	458.7	310.7	450.8	559.1	427.5	513.7	319.5	528.5	493.1	419.1	458.7	314.4	479.8
All	247	116.8	111.6	98.5	194.8	245.6	125.3	122.1	91.4	184.5	246.5	121	117	95	190.2
<b>GLOMERULONEPHRITIS</b>															
0-19	26.4	32.6	11.6	7.9	27.5	25.3	30.4	11.6	7.4	26.1	25.9	31.6	11.6	7.7	26.8
20-29	33.1	39.1	15.1	11	32.1	32.8	36.2	15.3	10.5	32.7	33	37.5	15.2	10.8	32.4
30-39	38.9	46.1	18.9	14.6	38.8	39.1	44.4	19.6	14	38.3	39	45.1	19.2	14.2	38.5
40-49	66	72.2	31.6	26.2	63.3	62.4	68.5	32.9	25.4	60	64.4	69.9	32.5	25.8	61.6
50-59	101.9	106.7	51.2	45.2	98.2	103.7	102.5	54.2	44.4	94.2	102.7	104.5	53	44.6	96.2
60-64	131.3	143.8	76.1	71.6	130.5	143.7	140.6	81.2	71.1	136.1	136.2	142.4	77.8	71.2	132.9
65-69	189.6	181.8	105.2	106.8	184.4	188.8	186.8	113.9	106.1	183.1	189.3	184.2	111.8	106.5	183.9
70-79	260.5	265.9	161.1	175.8	254.5	271.1	267.1	176	176.9	263.5	264.6	266.7	166.3	176.3	258.1
80+	424.6	398.5	265.5	305.4	420.9	457.9	408.8	293.6	315.9	444	435.5	406.5	279.6	311.3	429.1
All	126.6	78.8	40.8	49.7	109.6	111.4	74.3	44	45.2	93.1	119.8	76.3	42.7	47.2	101.5
<b>OTHER</b>															
0-19	42.3	56	27	16.9	45.6	37.6	47.6	24.5	14.4	39.3	40.3	52.8	25.3	15.8	43
20-29	50	63.1	33.5	22.6	51.6	43.9	57.7	30.9	19.4	46.4	46.4	59.4	32	20.3	48.4
30-39	57.3	75.3	40.2	29	61.2	51	62.7	37.5	24.8	53.8	53.4	66.4	38.9	26	56.3
40-49	88.6	103.2	64.7	49.3	91.2	78.3	91.5	60.6	43.2	81.5	82.8	95.2	61.3	45	85.3
50-59	134.6	151.3	100.2	80.5	135.6	112.5	128	95.6	73.3	114.8	122.4	137.9	97.1	77.1	124
60-64	178.8	195.5	141.6	124.2	178.6	162.1	182.5	137.9	111.4	163.4	169.5	187.5	141.6	117.5	170.1
65-69	230.5	240.4	186.2	172.7	229.7	202.3	221.5	184.1	159.4	202.7	215	229.7	185.5	163.9	214.8
70-79	309	327.6	273.3	271.1	308.7	301	305.8	270.1	257.3	299.8	305.7	316.7	272.2	264.6	305
80+	475.7	472.8	431.6	457	475.5	473.8	432	430.3	429.2	467.1	475.1	440.7	430.3	443.1	472.4
All	172.7	119.2	119.3	94	159.6	134.9	102.7	93	68.8	123.5	153	108.9	103.9	78.8	139.8
<b>ALL</b>															
0-19	37.9	48	22.2	13.2	40.2	33.4	41.2	20.6	11.9	34.7	35.9	45.3	21.1	12.7	37.8
20-29	44.8	50	23.8	13.7	43.6	44.3	49.7	28.4	16	44.3	44.5	49.8	26	14.8	44
30-39	65.8	59.4	40.2	20.1	60.8	62.5	57.8	50	18.5	57.6	64.1	58.5	45.6	19.1	59
40-49	106.6	89.9	80.4	39.1	97.1	99.5	88.3	67.1	36.1	90.6	103.2	89	72.5	37.5	93.7
50-59	162.9	135.9	129.8	76.7	149.5	157.6	137.5	145.2	64.4	144.9	160.5	136.7	139.1	70.5	147.3
60-64	224	180.7	179	121.5	209.6	209	184.5	213.3	106.1	197.4	217.2	182.7	196.1	114.1	203.8
65-69	262.3	223.3	239.9	158.2	249.5	256.4	226.3	257.6	161.6	245.4	259.6	224.9	250.5	159.6	247.6
70-79	338.2	299.8	328.9	227.8	328.3	355.5	310.6	366.5	243.9	341.7	345.3	305.7	346.7	235.1	334
80+	478.1	421.1	504.3	357.6	471.7	551.5	438.7	430.3	372.4	526.3	503.6	433.4	480.2	364.1	492.4
All	216.5	132.2	149.1	110	190.4	198.9	132.7	150.7	95.5	172.2	208.5	132.5	150	102.8	181.6



Table H.28.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: transplant patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

	ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	.								.	31.9	24.4	22.1	21.4	17.2
20-29	.								.	25.1	23.2	22.7	19.6	16.9
30-39	.								.	34.3	31.6	30.7	26.4	24
40-49	.								.	46.8	45.3	49	46.2	40
50-59	.								.	65.8	63.1	65.6	62.5	52.5
60-64	.								.	74	67.8	73.1	75.6	79.3
65-69	.								.	84.9	80.9	94.8	79.8	85.5
70-79	.								.	67	87.8	87.1	74.3	85.7
80+	.								.	127.2	109.6	122.2	211.9	164.1
0-19									20.3	33.7	26.3	29.2	21.8	16.6
20-44									32.5	34.1	31.7	32.5	28.9	25.8
45-64									65.8	62.2	60.9	64.4	62.4	55.1
65-74									71.7	83.7	83.7	96	82.6	90.8
75+									288.7	62.4	74.6	68.7	78.9	96.9
Male									111.8	69.1	71.8	70.8	69	67.3
Female									51.1	51.6	49.5	55.8	53.7	58.3
White									58.2	62.4	60.9	63.2	60.5	64.4
Black									156	62.7	65.6	69.3	66.3	66.1
Native American									245.9	59.8	47.9	47.8	51.9	33.8
Asian									13	25	31.6	41.8	55.8	38.3
†Hispanic														
†Non-Hispanic														
All									77.4	61	61.2	63.7	61.9	63.1
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-19	15.6	15.7	12.4	12.6	12.9	14.8	13.3	10.4	10.5	11.4	13.4	12.4	13.6	
20-29	18	17.2	14.7	12.7	13	12.6	13.4	11.8	13.1	12.6	11.1	11.2	9.9	
30-39	24.1	22.8	21.1	18.3	19.2	18.7	19	18.7	20.1	18.7	17.9	15.7	15.7	
40-49	36.4	38.6	37	37	35	35.7	31.9	32	32.3	31.4	29.1	26.3	25	
50-59	58	59.9	58.2	58.3	57.6	56.5	53.9	53.4	51.9	47	46.1	41.4	40.7	
60-64	78.2	81	82.6	76.3	81.8	74.5	72.2	70.3	73.1	66	67.6	65.7	61.6	
65-69	90.6	90.2	97.2	91.3	89.4	92.7	84.1	88.7	85.6	82	80.4	79.1	77.3	
70-79	93	109	124.6	119.3	115.9	120.7	124.9	129.7	130.5	121.8	124.5	112.3	103.8	
80+	323.6	275.6	207.9	123.7	190	193.4	162.9	200.5	191.7	177.9	174.4	191.9	193.1	
0-19	14.1	16.2	12.8	13.4	14.2	16.1	13.7	11	11.2	11.9	15.2	13.1	14.4	
20-44	24.7	24.8	22.5	21.9	22.2	22.6	21.2	21.2	22.3	21.3	20.1	18.1	17.2	
45-64	56.4	58.4	57.7	55.8	56	54.3	52.1	51.6	51.7	47.7	47	43.4	42.2	
65-74	92.9	95.2	104.9	98.7	96.4	101.2	96.2	100.6	98	93.1	91.9	86.9	83.7	
75+	172.5	129.4	166.1	134.4	123.6	129.7	142.6	159.1	160.4	152.6	159.1	158	144	
Male	86.2	78.8	89.4	75.3	71.6	73.8	75.6	78.3	78.3	73.2	73.2	70	68.4	
Female	65.4	60.3	61.8	63.1	65.6	65.3	63.9	66.3	66.2	62.9	64.6	61.3	56.5	
White	77.3	71.4	74.3	70.1	69.3	69.7	71.2	71.9	71.9	67	68.3	65	63	
Black	80.6	69.1	83.2	71.8	70.5	72.4	70.2	76.7	77	74.1	73.7	69.1	63.2	
Native American	69.8	85.5	53.6	56	86.4	66.6	69	67.1	62.8	57.3	56.5	55	56.9	
Asian	45.4	59.7	69.7	55.5	58.3	58.6	59.4	53.8	50.8	46.7	43.7	46.2	43.2	
†Hispanic				29.76	29.49	28.45	28.04	32.54	31.63	28.31	28.35	29.18	30.04	
†Non-Hispanic				40.76	41.72	42.49	41.8	42.41	44.21	42.52	43.26	41.77	41.75	
All	76.6	70.1	75.7	69.6	69	70.1	70.2	72.8	72.6	68.3	69.1	65.7	62.4	

Table H.28.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: transplant patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	.	.	.	.	.	.	.	.	55.8	40.1	39.4	39.1	30.7
20-29	.	.	.	.	.	.	.	.	40.7	36.4	37.8	33.1	28.4
30-39	.	.	.	.	.	.	.	.	51.3	46.9	47	40.9	37.8
40-49	.	.	.	.	.	.	.	.	64.1	63.3	68.6	68.6	58.9
50-59	.	.	.	.	.	.	.	.	88.2	82.9	82.6	80.3	71.3
60-64	.	.	.	.	.	.	.	.	84.5	83.1	84.4	82.7	98.5
65-69	.	.	.	.	.	.	.	.	84.1	91.9	97	80.5	96.5
70-79	.	.	.	.	.	.	.	.	59.9	92.1	77.8	65.5	87.1
80+	.	.	.	.	.	.	.	.	101.2	105.4	95	158.3	149.2
0-19								17.8	60.3	42.2	53.8	38.3	27.9
20-44								48.7	52.1	46.9	49.2	44.3	40
45-64								85.6	80.8	80.7	83.1	81.9	74
65-74								67.6	84.9	101.9	98.9	88.6	110.5
75+								84.1	49.5	77.7	49.1	68	108.6
Male								87.5	80.6	89.6	80.4	77.9	83
Female								53.6	59.1	63.7	66.2	67.5	77.6
White								73.9	75.6	81.8	74.6	73.2	84.3
Black								72.5	65	71.2	73.3	72.6	78.5
Native American								136.3	75.7	64.5	62	74.3	39.9
Asian								9.7	35.7	49.9	61.5	69	36.4
†Hispanic													
†Non-Hispanic													
All								72.2	71	77.6	73.7	73	80.4
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	25.3	25	19.6	20	21.4	25.6	22.8	16.8	16.8	18.4	21	19.7	21.5
20-29	27.8	26.5	22.5	19.4	20.6	20.9	21.8	18.5	20.3	19.5	16.9	17.2	15
30-39	36	34	31.6	27.2	28.9	29.3	29.5	28.1	30	27.8	26.3	23.7	23.1
40-49	52.5	53.9	51.6	51.1	49.9	53	47.2	46.3	46.6	45	41.5	38.1	35.9
50-59	78.2	79.8	77.4	76.9	77.4	78.7	74	73.8	72.1	65	63.8	58.6	55.7
60-64	97.2	104.8	106.3	96.9	103.1	97.4	93	92.8	97.7	86.1	90.3	87.3	80.7
65-69	108.7	112.2	122.2	110.3	105.2	113.2	101.9	111.6	109.7	102.9	103.6	104.7	100.1
70-79	105.3	125.9	147.5	135.1	126.8	136.5	141.4	155	160.4	145.4	154.5	140.3	125
80+	344.9	302.1	230.8	131.6	192.3	202.4	170	227	225.4	202.3	208.2	232.4	224.9
0-19	21.3	26.1	20.7	22.1	24.4	28.6	23.1	18	18	18.9	24.2	21	23.1
20-44	36.2	37.2	34.1	33.1	34	35.9	32.7	32.3	33.5	31.8	30.2	27.6	25.8
45-64	75.1	76.8	75.1	72.4	74.5	75	71.4	70.8	71.7	65.5	64.8	60.4	57.8
65-74	115.7	115	129.8	115.9	108.7	121.3	116.4	125.9	123.5	115.1	118.3	113.9	106.4
75+	207.8	137.3	182.3	133.4	115.4	129.5	151.2	183.5	187	182.4	187.9	197.4	166.5
Male	106.2	94.2	112.1	88.2	79	86.1	87.7	96.1	96.5	89	90.4	91.2	86.6
Female	85.2	77.2	75.1	77.6	80.9	84.5	84.2	87.5	88.1	84.8	86.3	81	69.9
White	100.6	90.3	98.3	87.6	83.8	87.7	90.4	92.6	92	85.9	87.5	86.4	80.1
Black	93.5	78.6	86.6	75.1	72	83.1	78.1	92	95.7	92.2	92.9	89.1	76.9
Native American	79.8	95.9	52.2	65	65.5	66	74.3	90.4	85.9	75.8	73.4	67.4	67
Asian	40.9	62.9	104.9	82.7	85	68.4	68.5	73.2	71	64.5	62	65	63.1
†Hispanic				47.6	48.56	52.71	55.4	65.26	55	53.79	52.59	49.56	52.78
†Non-Hispanic				55.98	59.76	64.31	58.8	59.92	65.14	60.18	61.9	63.42	58.06
All	96.7	86.1	94.4	83.2	79.8	85.4	85.9	92.1	92.4	86.8	88.2	86.1	78.6

Table H.28.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: transplant patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	.	.	.	.	.	.	.	.	15.9	12.2	10.3	9.2	9.2
20-29	.	.	.	.	.	.	.	.	14.4	13	12.1	9.8	10.1
30-39	.	.	.	.	.	.	.	.	22.5	19.7	19	16.1	16.1
40-49	.	.	.	.	.	.	.	.	35.4	31.4	35.1	33	29.7
50-59	.	.	.	.	.	.	.	.	50.7	48.1	53.3	54.7	42.8
60-64	.	.	.	.	.	.	.	.	60.3	56.6	66	76.5	70.4
65-69	.	.	.	.	.	.	.	.	82.7	73.5	92.6	81.5	82
70-79	.	.	.	.	.	.	.	.	65.4	86.4	93.9	85.4	88.1
80+	.	.	.	.	.	.	.	.	137.8	116.3	143.5	276.7	179.3
0-19								11	17	15.7	15.9	12.5	11.1
20-44								22.3	22.4	20.1	20.6	19.9	18.7
45-64								54.3	49.1	47.6	53.7	54	46
65-74								58.6	80.3	63.5	84.6	78.1	81.6
75+								481.9	68.6	60.4	54.3	83.5	83.9
Male								152	59.5	54.3	56.9	65.5	57.1
Female								30.4	46.4	38.4	49.7	45.7	50.3
White								43.4	54.3	44.5	54	55	55.6
Black								242.4	54.4	54.3	54.1	61	54.8
Native American								305.1	36.4	17.6	22.8	14.9	18.7
Asian								15.6	25	23.1	48.7	47.5	32.4
†Hispanic													
†Non-Hispanic													
All								81.3	53.4	46.7	53.5	56.1	54
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	10.1	12.3	8.9	8.9	6.4	8.2	7	6.5	7	8	8.7	8.3	9.2
20-29	12.9	14.2	11	9.3	7.3	7.7	7.9	7.9	9.2	9.2	7.6	7.8	7
30-39	18.1	18.4	16	13.6	12.2	12.3	12.3	13.2	14.7	14.3	12.8	11.3	11.7
40-49	28.5	33	30.2	29.6	24.8	25.7	22.4	24	24.7	25.1	21.9	20.1	19.4
50-59	47.8	52.3	48.2	48.1	45.6	44.4	42.4	42.2	41.3	38.8	36.5	32.6	33.4
60-64	71.6	71.2	71	63.6	71.9	62.8	62	58.6	60.5	57.2	56	55.6	52.4
65-69	84.2	78.8	83.2	76.8	86.8	83.9	78.5	77.7	73.5	73	69.6	65.3	66.8
70-79	94.3	97.5	109.9	104.4	123.8	116.9	123.4	118.9	116.3	112.1	112.5	98.9	96.4
80+	337.4	247.5	189.2	109.6	222.2	199.7	175.7	192.3	176.8	168.6	164.3	172.9	182.2
0-19	10.5	13.1	9.5	9.1	7.4	9.2	8	7.4	7.8	9	10.6	9.1	10
20-44	20.1	20.8	17.5	16.2	14.7	15.3	14.6	15.5	16.7	16.9	15.1	13	13
45-64	47.9	52.3	50	47.8	46.2	44.3	42.1	42.4	42.2	40.8	38.6	36.3	35.3
65-74	84.3	84.7	89.5	84.3	96.9	92.7	89.5	88	85.7	82.7	79.9	73.3	74.3
75+	167.3	115.5	145.6	124.9	147.6	136.3	148.4	146.9	145.7	140.6	146.3	136.5	137.8
Male	76.7	71.3	76	67.4	71.6	69.9	71.9	70.6	69.1	67	64.3	58.3	58.3
Female	59.3	52.2	53.1	52.6	59.5	54.4	53.1	53.2	53.8	51.9	53.3	50.6	51.5
White	69.3	62.6	59.3	58.6	63.6	59.3	60.9	60.5	60.8	57.8	57.4	52.5	54.7
Black	67.6	60.8	81.5	69.5	72.4	68.7	65.6	67.9	67.2	67.8	66.2	62.3	59.2
Native American	67.8	84.2	52.4	43.7	133.4	88.6	90.5	52.6	43.6	31.4	42.9	52.4	51.2
Asian	51.7	54.1	39.8	23.9	29.6	54.2	60.1	47.5	39.8	37	31.3	29.3	22.6
†Hispanic				34.87	35.03	33.04	24.35	34.1	29.55	26.98	23.7	25.52	30.47
†Non-Hispanic				43.29	45.65	44.85	46.62	46.2	46.98	49.64	46.18	43.31	45.91
All	68.6	62.3	64.9	60.5	65.9	62.6	62.9	62.3	61.7	59.5	58.9	54.6	54.9

Table H.28.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: transplant patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	
0-19	.	.	.	.	.	.	.	.	15	12	10.3	10.3	6.8	
20-29	.	.	.	.	.	.	.	.	13	12.7	11.9	10.4	7.8	
30-39	.	.	.	.	.	.	.	.	19.2	19.1	18.9	16.8	13	
40-49	.	.	.	.	.	.	.	.	28.5	30.2	33.4	28.8	25.1	
50-59	.	.	.	.	.	.	.	.	41.3	46.1	50.7	46.6	37.9	
60-64	.	.	.	.	.	.	.	.	55.8	54	65.2	65.7	65.2	
65-69	.	.	.	.	.	.	.	.	68.5	69.9	97.1	77.2	79.6	
70-79	.	.	.	.	.	.	.	.	58.2	81.8	97.2	73.6	89.5	
80+	.	.	.	.	.	.	.	.	114.9	109.5	147.2	232.9	191	
0-19									19.6	15.5	14.4	15.7	10	7.5
20-44									18.5	18.8	18.4	19.2	16.5	13.7
45-64									41.5	39.2	42.5	46.1	46.2	38.9
65-74									70	62.1	70.6	116.8	77.6	82.4
75+									364.1	50.2	72.5	86.1	88.2	102.2
Male									86.6	46.9	58.1	73.1	59.6	58
Female									99	35.7	37.2	49.5	45.7	47
White									85.5	41.3	48.5	56.8	49.2	49.4
Black									121.2	43.1	49.4	77.3	63.9	62.7
Native American									133.4	62.6	45.7	50.9	42.6	26.5
Asian									18	17.2	19.5	13.9	22	30.6
†Hispanic														
†Non-Hispanic														
All									86.2	41.7	48.2	61.3	52.9	52.9
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	
0-19	8.2	7	6	5.5	7.4	6.9	6.8	5.5	5.9	6.2	7.6	6.3	7.1	
20-29	10	8.2	7.8	6.3	8.1	6.6	7.4	6.7	7.8	7.3	6.6	6.1	5.5	
30-39	14.2	11.6	11.5	10.2	12.9	10.9	11.3	11.5	12.7	11.5	11.2	8.9	9.3	
40-49	22.4	22.6	23.4	24.2	25.3	23.1	20.2	21.1	21.6	20.5	19.1	15.9	15.9	
50-59	40	40.8	41.3	42.9	44.5	40.7	37.2	37.7	36.8	32.4	31.9	27.5	28.3	
60-64	56.7	57.5	59.2	62	67.1	58.9	53.3	53.1	54.7	49.1	49.1	47.2	46	
65-69	67.3	68.3	73.5	83.6	77.7	80.3	65.1	71.3	67.4	63.4	61.1	57.2	58.4	
70-79	71.3	90.7	100.9	122.6	106.2	114.1	103.2	110.9	108.1	99.8	99	86.1	84.1	
80+	262.4	248.3	181.7	142.3	182.7	198.7	141.8	181.8	166.6	152.5	145	156	168.6	
0-19	8.2	6.9	6	5.2	7.3	7.2	6.8	5.5	6	6.4	7.9	6.4	7.1	
20-44	13.9	12.6	12.3	11.6	14	12.6	12.3	12.2	13.6	12.5	11.8	9.7	9.8	
45-64	39.1	38.5	39.9	41.1	42.5	38.4	35.1	36	35.8	32.5	31.9	28.5	28.7	
65-74	64.9	72.9	80.6	93.4	85.8	88.8	74	80.7	76.6	72.1	68.8	62.4	63	
75+	118.4	117.2	150.3	163.6	125.8	133.4	122.5	140.2	140	125.9	132.6	116.9	122.6	
Male	58.5	60.6	70.7	70.5	62.7	63.9	59.2	61.6	62.2	57.4	56.5	49.7	51.2	
Female	43	43.6	46.7	59.3	54.1	52.8	45.3	51.5	49.5	44.3	45.7	40.9	42.5	
White	49.9	54.3	59	65.5	57.2	58.8	54.5	57.6	58.5	51.4	52.4	45.6	48.9	
Black	56.9	48.8	62.5	67.7	63	59.9	49.4	56.9	53.1	52.5	51.4	46.8	44.4	
Native American	51.4	74.2	59.5	63.1	60.9	36.5	30.7	54.1	63.4	69.7	53.4	45.8	40	
Asian	26.8	42.3	43	39.9	44.9	51.4	45	40.7	35.6	30.6	29	34.1	33.1	
†Hispanic				22.55	20.6	16.2	16.91	16	23.97	12.37	15.91	18.57	20.37	
†Non-Hispanic				31.73	32.71	31.51	29.37	33.16	33.34	30.59	31.41	27.78	30.89	
All	51.3	52.6	59.1	65.1	58.7	58.8	52.6	56.8	56.1	51	51.3	45.5	47	

Table H.28.1 (supplement)

**Annual mortality rates per 1,000 patient years at risk: transplant patients, by primary diagnosis, adjusted period prevalent patients, 2001 ESRD patients as reference**

OTHER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	.	.	.	.	.	.	.	.	23.2	21.9	16.1	14.3	11.4
20-29	.	.	.	.	.	.	.	.	20.4	21.6	18.8	15.6	12
30-39	.	.	.	.	.	.	.	.	31.3	30.1	26.9	21.6	18.2
40-49	.	.	.	.	.	.	.	.	48.1	44.3	45.1	38	32.1
50-59	.	.	.	.	.	.	.	.	69.7	62.6	64.7	53	44.2
60-64	.	.	.	.	.	.	.	.	87.2	67.9	71.3	69.6	69.5
65-69	.	.	.	.	.	.	.	.	105.3	81.4	95.5	75.8	77.4
70-79	.	.	.	.	.	.	.	.	88.7	88.6	89.8	75.4	79.5
80+	.	.	.	.	.	.	.	.	173	109.9	128	208.7	155
0-19								36.3	23.4	20.5	13.6	14	10.9
20-44								31.3	30.2	30.2	28.8	23	18.7
45-64								66.6	67.6	59.4	61.1	52.6	47.2
65-74								96.6	106	88.3	97.6	80	78.1
75+								78.1	89.5	88.1	106.8	85	90.7
Male								77.1	81.4	75.6	79.1	67	63.5
Female								52.3	60.1	50.2	58	45.8	44
White								51.6	65	55.1	64.9	52.3	50.1
Black								91.1	88.7	83.7	82.5	64.1	61.7
Native American								382.1	62	60.7	55.8	68.4	49.6
Asian								8.6	15.8	18.9	16.8	64.7	58.6
†Hispanic													
†Non-Hispanic													
All								63.1	71.5	63.5	69.2	57	54.3
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	11.4	10	8.6	9.7	10.2	9.6	9.3	7.1	7	6.9	9.8	8.5	10
20-29	14.1	11.7	10.8	10.1	10.5	8.6	9.9	8.4	9.1	8.1	8.3	8	7.5
30-39	19.3	17.3	16.7	14.9	15.6	13.3	14.7	13.7	14.5	12.7	13.6	11.9	12.3
40-49	30.6	32.3	30.7	31.3	28.6	26.3	25.3	24.4	24.2	22.4	22.6	20	19.8
50-59	51.2	49.6	49.9	49.5	47.3	43.1	45.2	42	40.3	35.2	36.4	31.2	32.4
60-64	73.4	71.7	74.4	66.2	67	58.4	62.3	57	58.7	52.1	54.2	52.5	51.5
65-69	88.7	85.1	91.1	81.2	72.9	74.3	73.7	73.8	70.8	67.7	65.3	65.5	64.6
70-79	92.9	112.3	120	105.6	93.5	99.1	112.8	110.5	111.2	104.8	102.3	95.9	90.9
80+	336.2	295.2	213.3	111.4	150.9	160.7	150.2	174.6	167.9	159.6	144.8	166.5	168.3
0-19	10.9	9.7	8.2	9.5	9.9	9.3	9.2	7	6.9	6.9	9.7	8.4	9.8
20-44	19.6	17.8	16.6	17	17	15.3	15.9	14.9	15.3	13.9	14.1	13.3	12.8
45-64	50.5	50.3	50.9	48	45.7	41.1	43.2	40.2	39.8	35.4	36.6	32.5	33.6
65-74	89.4	94.1	101	89.4	82.1	83.3	85.6	85.2	83.2	78.4	75.2	72.2	71.1
75+	172.6	147.8	178	124.5	107.2	116.6	135.8	144.7	145.9	132.3	140.6	143.7	129.1
Male	84	78.2	82.4	67.9	62.1	61	68	66.6	67.3	61.1	61.9	57.3	57.8
Female	54.5	55.5	62.1	54.9	50.6	51	52.5	53.2	51.7	47.9	50.1	51.8	45.8
White	60.8	60.2	62.3	56.2	51.8	53.7	55.4	57	56.8	53.8	55.8	55.1	50.9
Black	90.6	79.7	96.7	73.5	66.1	62.6	72.9	70.9	69.7	60.1	60	54.9	54.7
Native American	63.3	73.7	56.1	54.3	59.7	49.6	43.9	49.1	43.5	50.6	44.4	41.5	57.9
Asian	57.5	75.1	65.4	63.2	56	47.5	45.1	31	36.8	36.1	35.7	44.3	44.7
†Hispanic				21.39	21.26	19.55	20.17	22.38	20.18	22.44	21.12	21.49	14.98
†Non-Hispanic				35.52	33.2	33.33	36.45	34.3	35.28	34.81	36.68	35.08	35.38
All	70	67.3	72.2	61.7	56.7	56.4	60.6	60.2	59.8	54.6	56.3	54.7	52

Table H.28.2 (supplement)

**Annual deaths per 1,000 patients: transplant patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

	ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19									19.5	29.6	24	23.2	20.4	16.4
20-29									22.5	23.8	22.3	21.8	18.9	16.5
30-39									31.7	33.3	30.1	29.9	25.5	23.6
40-49									44.5	45.3	43.9	47.2	44.9	39.4
50-59									66.4	63.5	61.9	63	60.7	50.7
60-64									77.7	70.4	65.5	70.2	71.4	75.8
65-69									60.4	80.3	76.2	89.5	75.2	83.2
70-79									77.1	62.5	80.2	81.1	70.5	83
80+									229.3	121	97.2	102.1	178.3	148.5
0-19									17	31.6	24.7	27.7	20.9	15.9
20-44									31.4	33	30.6	31.5	28.1	25.3
45-64									62.4	59.9	58.8	61.9	60.3	53.4
65-74									64.5	78.5	78.1	90.1	78.2	87.2
75+									128.4	59.6	68.7	63.8	74.6	93.8
Male									77.7	66.1	69.4	68.2	67.2	66.7
Female									44.9	50.9	47.2	54	52.4	58.2
White									52.3	59.9	58.6	60.9	58.8	64
Black									94.1	61.3	62.5	66.6	64.6	65.4
Native American									166.1	57.7	44.8	45.6	50.8	33
Asian									11.8	24.1	29.9	40.2	55	38.3
†Hispanic														
†Non-Hispanic														
All									60.1	59	58.9	61.4	60.3	62.8
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	
0-19	14.4	15.1	12	12.3	12.6	14.3	13.1	10.3	10.4	11.2	13.2	12.1	13.3	
20-29	17.5	17	14.6	12.6	12.9	12.3	13.3	11.8	13	12.5	11.1	11.1	9.8	
30-39	23.7	22.4	20.9	18.2	19	18.4	18.9	18.6	19.9	18.5	17.7	15.7	15.6	
40-49	35.9	37.9	36.3	36.4	34.4	35.2	31.7	31.6	31.8	30.9	28.6	26	24.8	
50-59	56	58	56.3	56.6	55.9	54.9	52.4	52.1	50.5	45.9	45	40.5	39.8	
60-64	73.9	77.7	78.9	73.4	78.3	71.3	69.1	67.8	70.4	63.6	65.1	63.5	59.5	
65-69	86.6	86.4	92.5	87.5	85.4	88.9	81	85	81.7	78.4	76.9	75.9	74.3	
70-79	88.9	102.3	115.7	111.8	109	113.1	117.7	121.6	122.2	114.2	117	106.1	98.2	
80+	277.4	243.5	188.7	114.2	172.2	173.9	148.9	181	174.6	163.7	160.7	174.6	175.5	
0-19	11.8	15.4	12.6	13.1	13.8	15.9	13.3	11	11	11.8	15	13	14.2	
20-44	24.3	24.4	22.3	21.7	22	22.4	21.2	21.1	22	21.1	20	18	17.1	
45-64	54.5	56.5	55.8	54.2	54.4	52.8	50.6	50.4	50.3	46.6	45.9	42.5	41.2	
65-74	88.6	91.1	99	94	91.7	96.2	92	95.4	93	88.4	87.6	83.1	80.1	
75+	167.5	122.5	149.5	123.5	114.9	119.7	137.9	148.2	148.3	140.5	146.6	146.1	133.6	
Male	86.8	78.1	87.4	74.1	70.5	72.7	75.1	77.7	77.4	72.3	72.5	69.6	68.1	
Female	67	60.2	60.6	62.5	65	64.6	64.8	66.2	65.8	62.5	64.3	61.3	56.5	
White	79.2	71	72.9	69.1	68.3	68.6	71	71.5	71.1	66.4	67.8	64.8	62.8	
Black	78.7	68.1	80.8	70.8	69.7	71.5	70.4	76.2	76.6	73.4	73	69	63.2	
Native American	70.8	83.7	52.5	55.2	84.2	66.1	69.5	66.4	62.2	57	56.2	54.6	56.7	
Asian	46.4	59.5	69.7	55.1	58	58.2	60.5	54.5	51.1	46.6	44.1	46.9	43.9	
†Hispanic				29.14	28.88	27.85	27.5	31.82	30.92	27.72	27.77	28.62	29.41	
†Non-Hispanic				39.55	40.42	41.19	40.57	41.22	42.78	41.17	41.87	40.5	40.39	
All	77.8	69.7	74.1	68.7	68.2	69.2	70.3	72.3	71.9	67.6	68.6	65.5	62.3	

Table H.28.2 (supplement)

**Annual deaths per 1,000 patients: transplant patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19								20	50.2	39.1	41.5	36.5	28.3
20-29								34.7	37.4	35.4	36.2	31.2	26.8
30-39								46	48.4	44	45	38.6	36.8
40-49								58.1	60.5	57.7	64.7	66	57.2
50-59								84.4	84.3	81.4	78	76.8	67
60-64								84.5	79.4	81.1	80.6	75.2	91.6
65-69								53.6	76.7	89	91.3	75.9	95.2
70-79								97	54.6	83.1	70.5	62.5	86.7
80+								196.9	94.5	92.9	76.1	130.2	139.6
0-19								12.6	55.7	38.5	49.5	35.6	25.9
20-44								45.8	48.9	44.3	46.7	42.1	38.5
45-64								79.3	76.8	76.5	78.5	77.7	70.5
65-74								62.4	74.6	94.2	92.4	83.1	105.4
75+								61.7	44	69.6	45.9	63.8	106.4
Male								78.1	73.5	84.5	75.8	74	81.6
Female								48.2	55.2	59.8	62.4	64.2	76.2
White								65.9	68.8	76.7	70.2	69.2	82.6
Black								65	60.7	66.8	69.1	69.2	76.8
Native American								113.5	69.5	58.5	57.7	70.7	38.2
Asian								8.7	32.7	45.6	56.9	66.7	36.2
†Hispanic													
†Non-Hispanic													
All								64.9	65.3	73.1	69.4	69.4	79
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	22.6	23.7	18.8	19.1	20.5	24	21.9	16.6	16.3	17.7	20.4	19	20.6
20-29	26.1	25.8	22	18.9	20.1	19.4	21.1	18.2	19.8	19	16.6	16.9	14.6
30-39	34.6	33	30.8	26.6	28.2	28.5	28.9	27.7	29.3	27.1	25.8	23.2	22.6
40-49	51.2	52.1	49.9	49.5	48.3	51.9	47.1	45.6	45.1	43.7	40.3	37.1	35
50-59	74.5	75.9	73.7	73.5	74.1	74.3	70.1	70.5	69	62.6	61.3	56.5	53.7
60-64	88.8	98.9	99.9	92	97.6	92	86.6	87.1	92.5	81.6	85.6	82.7	76.7
65-69	103.2	106.4	114.6	104.5	99.6	109.1	97.3	105.4	103	96.9	97.4	98.9	95.1
70-79	100.1	116.3	134.9	125.2	118	126.9	133.5	144.1	147.6	134.5	142.7	130.2	116.4
80+	296	263.4	205.8	120.1	172.9	184.1	155.1	202.7	201.5	183.8	188.3	207.5	201.8
0-19	16.6	24.1	19.9	21.2	23.4	27.5	21.8	17.6	17.5	18.3	23.6	20.6	22.4
20-44	34.5	36	33.3	32.3	33.1	34.9	32.4	31.7	32.7	31	29.5	27.1	25.3
45-64	71.3	72.9	71.5	69.3	71.4	71.7	67.9	68	68.7	62.8	62.1	58.2	55.6
65-74	109.3	109.8	120.9	109.3	102.4	114.1	109.8	117.4	115.2	107.9	110.8	106.9	100.4
75+	216.5	131.9	162.8	121.8	106.6	118.5	154.6	170	169.9	163.9	169.7	178.6	152.3
Male	108.9	92.7	108.2	85.5	76.5	83.3	88.6	94.5	93.7	86.4	88	89.1	84.9
Female	88.2	75.9	72.3	75.4	78.4	81.7	84.4	85.3	85.6	82.4	84	79.2	68.7
White	104.3	88.8	94.7	84.6	80.8	84.5	90.8	90.6	89.2	83.4	85.3	84.3	78.4
Black	92.3	76.7	82.7	72.9	70	80.5	78.1	89.8	93.2	89.6	90.1	87.3	75.4
Native American	82.9	93.4	50.6	62.2	64	64.4	74.8	87.8	83.4	74.4	71.3	65.6	65.8
Asian	42.6	62.2	102.8	80.1	82.5	67.2	69.7	72.7	69.9	62.9	61.2	64.5	63.1
†Hispanic				46.12	47.09	50.96	53.78	62.75	53.23	51.97	50.93	48.23	51.14
†Non-Hispanic				53.84	57.38	61.73	56.64	57.81	62.42	57.82	59.48	60.91	55.86
All	99.6	84.8	91	80.7	77.4	82.6	86.6	90.3	89.7	84.3	85.9	84.2	77.1

Table H.28.2 (supplement)

**Annual deaths per 1,000 patients: transplant patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19								11	14.3	11.3	10.3	8.6	8.9
20-29								12.4	13.5	10.8	10.7	8.8	10.1
30-39								18.3	21.8	17.3	18	15.3	15.6
40-49								39.5	34.8	31.9	33.9	32.3	29.2
50-59								57.5	49.4	48.6	52.1	54.2	41.4
60-64								64.4	56.7	55.5	64.6	74.7	68.7
65-69								56	81.9	66.2	85.7	74.6	77.9
70-79								46.9	61.5	71.3	85.9	77	84.8
80+								288.8	137	103.7	119.7	227.9	159.4
0-19								10.1	14.7	14.7	15	11.8	10.6
20-44								21.7	21.7	19	19.9	19.1	18.3
45-64								52	47.6	46.8	51.9	52.6	44.8
65-74								51.7	80	58.1	79.7	73.7	78.3
75+								163.9	71.1	53.2	50.9	78.5	79.7
Male								86.2	59.6	52.4	55.2	64.3	56.5
Female								26.1	47.9	36.2	48.2	44.7	50.2
White								39.2	54.5	42.5	52.2	53.8	55.1
Black								113.2	56.3	51.9	52.6	60.1	54.2
Native American								207.2	37.9	16.5	21.9	15	18.6
Asian								14.7	25.3	22	47.2	46.8	32.6
†Hispanic													
†Non-Hispanic													
All								53.1	54.1	44.5	51.8	54.9	53.7
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	9.4	11.8	8.6	8.5	6.3	7.9	6.9	6.4	6.8	7.8	8.5	8	8.9
20-29	13	14.1	10.8	9.1	7.3	7.5	7.9	7.8	9	9.1	7.5	7.7	6.9
30-39	17.9	17.8	15.7	13.3	12.1	11.5	12	13	14.5	14	12.6	11.1	11.6
40-49	28	32.3	29.6	29.1	24.4	25.1	21.6	23	24.2	24.6	21.5	19.8	19
50-59	45.7	50.7	46.5	46.9	44.2	44.3	41.6	41.4	40.1	37.7	35.5	31.8	32.6
60-64	69	68.6	67.9	61.2	68.5	60.3	60.1	57.8	58.2	55.2	53.9	53.9	50.5
65-69	79.4	75.3	78.9	73.6	82.4	78.7	76.2	74.7	70.3	69.6	66.6	62.4	63.7
70-79	91.3	91.9	102.2	98.4	115.6	108.3	113.3	109.9	109.1	105.1	106	93.7	91.2
80+	288.2	219.5	172	102	199.8	178.2	158.9	172.9	161.5	155.2	151.9	158.1	165.3
0-19	8.7	12.5	9.3	8.9	7.2	9	7.9	7.2	7.6	8.7	10.3	8.8	9.7
20-44	20	20.3	17.2	15.9	14.5	15	14.2	15.1	16.4	16.6	14.8	12.7	12.8
45-64	46	50.9	48.4	46.5	44.8	43.1	41	41.5	41	39.6	37.5	35.5	34.5
65-74	80.2	80.4	84.4	80.4	91.8	87.6	86	83.3	81.5	78.5	76.3	70.2	70.9
75+	159.5	108.3	130.7	115.6	136.5	125.8	133	136.2	135	129.8	135.4	126.6	127.7
Male	77	70.3	74.3	66.6	70.7	69	70.1	70	68.7	66.4	64.2	58.4	58.3
Female	60.6	52	51.9	52.5	59.4	54.1	53.2	53.5	53.7	51.7	53.2	50.7	51.4
White	70.9	62	58.2	58.1	63.3	58.9	59.6	60.4	60.5	57.5	57.3	52.6	54.6
Black	65.5	59.8	79.6	68.9	71.9	68.1	65.8	67.7	67.2	67.4	66.1	62.4	59.3
Native American	67.1	81.6	51.6	43.9	127.4	87	89.3	52.5	43.8	32	43.6	52.2	50.9
Asian	52.9	54.4	40	24	30	53.8	60.3	48.2	40	36.9	31.8	30.2	23.3
†Hispanic				34.14	34.35	32.32	23.95	33.43	28.95	26.47	23.34	25.11	29.89
†Non-Hispanic				42.28	44.35	43.6	45.28	45.06	45.65	48.08	44.9	42.2	44.51
All	69.4	61.7	63.5	60	65.4	62	61.9	62.1	61.4	59.1	58.8	54.7	54.9



Table H.28.2 (supplement)

**Annual deaths per 1,000 patients: transplant patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19								16.9	14.5	13.2	11.6	10.6	6.9
20-29								12.3	12.6	11.9	11.4	10.1	8.1
30-39								18.8	18.8	18.5	18.7	16.7	13.1
40-49								27.3	27.7	29.1	31.9	27.4	23.7
50-59								44.3	39.8	43.9	46.9	44.6	36.2
60-64								69	54.6	49.6	61.7	63.7	64
65-69								50	66.5	64.2	97.8	75.3	76.9
70-79								94.2	57.4	76	95.5	70.2	86.5
80+								298.2	113.3	95.3	125.2	204.2	167.9
0-19								17.7	14.9	14.5	14.8	9.8	7.3
20-44								17.9	18.3	17.8	18.5	16	13.4
45-64								40	38	40.8	44.4	44.6	37.8
65-74								63.8	62.3	66.7	109.9	74.1	79
75+								249.7	51	69.6	81.2	83.3	97.8
Male								73.7	46.8	58	71.4	58.7	57.7
Female								83.8	37.1	36.1	49	45.6	47.8
White								74.7	42.3	49.2	56.1	49.1	50
Black								97.3	42.9	45.8	75.5	62.5	62.4
Native American								95.1	61.8	42.8	49.2	42.8	26.4
Asian								16.8	16.7	18.5	13.6	21.9	31.1
†Hispanic													
†Non-Hispanic													
All								73.8	42.3	47.7	60.2	52.3	53.2
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	7.8	6.8	5.8	5.3	7.2	6.9	6.8	5.4	5.8	6.1	7.3	6	6.8
20-29	9.7	8	7.6	6.2	8	6.5	7.4	6.6	7.7	7.2	6.5	5.9	5.4
30-39	13.9	11.2	11.2	10	12.7	10.9	11.1	11.3	12.6	11.4	11	8.8	9.2
40-49	21.8	22.2	23	23.8	24.7	22.5	19.8	20.8	21.3	20.2	18.8	15.6	15.6
50-59	39.2	40	40.4	41.8	43.2	39.7	36.3	36.6	35.8	31.5	31.1	27	27.8
60-64	55.2	55.7	57.1	59.7	64.4	56.5	52.1	52.3	52.8	47.7	47.4	46.1	44.8
65-69	64.4	65.6	70.8	80.5	74.6	77.2	62.1	68.6	64.8	60.7	58.9	55.3	56.3
70-79	67.3	85.8	94.9	115.7	100.7	107.1	97.9	104.7	102.1	94.3	94	82.2	80.4
80+	223.1	220.4	168	132.8	167.3	179.4	130.7	165.8	153.5	141.4	135.2	144	155.8
0-19	8	6.8	5.8	5.1	7	7.1	6.9	5.5	5.8	6.3	7.7	6.2	6.8
20-44	13.4	12.3	12	11.5	13.8	12.4	12	12	13.4	12.3	11.6	9.5	9.6
45-64	38.5	37.8	38.9	40.1	41.2	37.4	34.4	35.2	34.9	31.7	31.2	28	28.2
65-74	60.3	69.4	77.2	89.4	82	84.9	71	77.5	73.3	69	66.1	60.3	60.7
75+	96.8	109	137.5	151.7	118.2	123.5	112.4	129.2	131.1	118.2	123.9	110.1	115.6
Male	53.3	60	70.2	70.6	62.5	63.6	58	61.3	62.4	57.7	56.8	50.2	51.7
Female	43.5	44.2	46.8	59.6	54.3	52.9	46.4	51.9	50	44.7	46.3	41.8	43.4
White	48.5	54.3	58.9	65.5	57.2	58.6	54.7	57.6	58.7	51.7	52.7	46.2	49.5
Black	51.8	48.5	62.2	68.1	62.9	59.7	48.6	57.1	53.4	52.9	51.7	47.4	45
Native American	50	72.8	59.3	63.7	61	37	30.8	54	63	69.9	53.8	46.2	40.4
Asian	26.2	42.2	43.7	40.4	45.4	51.6	45.4	41.4	36	31	29.7	35.2	34.1
†Hispanic				22.19	20.25	15.99	16.66	15.8	23.52	12.22	15.7	18.3	20.05
†Non-Hispanic				30.99	31.92	30.74	28.73	32.42	32.49	29.85	30.63	27.2	30.14
All	49	52.6	58.9	65.3	58.6	58.6	52.5	56.9	56.5	51.4	51.8	46.2	47.7

Table H.28.2 (supplement)

**Annual deaths per 1,000 patients: transplant patients, by primary diagnosis, adjusted***period prevalent patients, 2001 ESRD as reference*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19								31.8	21.8	19.7	14.5	13.3	10.6
20-29								17.7	19.5	20.3	18.1	15.9	11.6
30-39								34.4	30.2	28.9	25.8	21.1	17.1
40-49								43.9	46.5	45.5	43.3	36.3	31.4
50-59								65.2	65.6	58.4	62.1	50.2	43.4
60-64								81.9	81.9	60.8	68.1	66	65.2
65-69								87.6	97.6	74.7	90.2	70.7	74.2
70-79								52.5	81	87	86.4	74.5	74.2
80+								138.7	157.6	97.4	114.1	182.1	140.1
0-19								33.2	21.8	18.7	12.7	13	10.3
20-44								30	29	29.3	27.8	22.3	18.1
45-64								62.5	64.3	56.4	58.1	50.1	45.5
65-74								81.3	97.6	82.5	91.6	75.9	74.3
75+								51.1	82	84.8	100.4	82.7	87.2
Male								65.6	76.8	73.9	76.9	65.8	62.8
Female								47.5	58.4	48.4	56.5	45.3	43.7
White								47.5	62.2	54.3	63.3	51.8	49.8
Black								79.3	84.9	80.3	79.8	62.7	61.1
Native American								217.5	60.3	57.9	54.3	68.6	48.6
Asian								7.2	14.9	18.2	16.4	63.2	57.8
†Hispanic													
†Non-Hispanic													
All								55.5	68.3	61.7	67.3	56.1	53.8
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	10.5	9.3	8.2	9.2	9.7	9.4	8.9	6.9	6.8	6.7	9.5	8.2	9.6
20-29	13.8	11.2	10.4	9.9	10.2	8.8	9.6	8.2	8.9	7.9	8.1	7.9	7.3
30-39	18.5	16.8	16.3	14.5	15.3	13.2	14.7	13.6	14.2	12.5	13.3	11.8	12.2
40-49	29.5	31.6	29.6	30.4	27.8	25.5	24.3	23.5	23.6	21.9	22	19.6	19.3
50-59	49	47.1	47.7	47.6	45.6	41.8	43.9	40.9	38.9	34	35.3	30.2	31.2
60-64	69.2	67.8	70.7	63.4	64	55.6	59.5	54.4	56.2	50.1	52	50.3	49.5
65-69	84.1	80.5	86.3	77.8	69.8	70.1	69.5	70.6	67.6	64.7	62.4	62.7	61.6
70-79	87.1	105.7	111.2	99.3	88.4	94.2	106.1	104.5	104.4	98.6	96.4	90.8	86
80+	284.3	262.4	195.1	103.6	138.1	141.1	137.2	158.9	153.8	147.7	134.2	151.7	152.4
0-19	9.9	9.1	7.8	9	9.4	9	8.6	6.7	6.6	6.7	9.4	8.1	9.4
20-44	19.1	17.3	16.1	16.5	16.5	15	15.6	14.6	14.9	13.6	13.8	13.2	12.5
45-64	48.3	48.2	48.8	46.2	44.1	39.8	41.8	38.9	38.4	34.3	35.5	31.4	32.4
65-74	83.5	88.4	94.6	85.1	78.3	79.4	80.4	81.3	79	74.6	71.6	68.9	67.8
75+	152.6	137.8	159.7	115.6	100.7	109.1	130.2	135.7	135.5	123.3	130.5	133.5	119.8
Male	81.9	77.2	80.1	66.9	61.2	60.3	67.3	66.4	66.7	60.7	61.5	57.2	57.4
Female	52.2	54.6	60.9	54.5	50.4	51	53.8	53.6	51.9	48.1	50.4	52.2	46
White	59.7	60	61.5	55.7	51.4	53.4	56.1	57.1	56.7	53.7	55.6	55.2	50.7
Black	86.6	78.2	93.9	72.7	65.6	62.4	72.7	71.2	69.4	60.1	59.8	54.9	54.7
Native American	61.8	73.1	55.4	54.3	60.5	50	44.1	48.4	43.5	50.6	44.5	41.2	57.4
Asian	55.4	74	65.6	62.9	55.9	47.3	46.1	31.5	37.4	36.5	36.4	44.9	45.1
†Hispanic				20.97	20.85	19.18	19.81	21.93	19.8	22.02	20.7	21.09	14.74
†Non-Hispanic				34.4	32.14	32.34	35.32	33.32	34.12	33.68	35.41	33.92	34.1
All	67.9	66.3	70.5	60.9	56.1	56	60.8	60.2	59.5	54.5	56.1	54.8	51.9

Table H.28.3 (supplement)

**Transplant patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	29	24	21	19	25	27	28	35	29	25	17	23	16
20-29	27	48	44	71	59	71	72	79	81	74	65	64	55
30-39	83	89	130	134	199	174	225	212	243	238	222	224	222
40-49	104	117	140	127	169	168	216	239	278	316	376	378	369
50-59	53	85	99	126	130	191	188	243	279	301	357	365	324
60-64	16	*	19	24	42	47	65	69	86	96	141	176	201
65-69	*	*	*	14	12	14	29	22	52	60	102	95	139
70-79	*	*	*	*	*	*	*	*	13	22	29	31	60
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	29	24	21	19	25	27	28	35	29	25	17	23	16
20-44	144	191	245	271	351	333	406	405	461	471	477	472	454
45-64	139	158	187	211	248	318	360	437	506	554	684	735	717
65-74	*	*	*	14	12	17	33	32	62	78	126	122	188
75+	*	*	*	*	*	*	*	*	*	*	*	*	14
Male	213	258	295	343	412	457	559	615	745	771	894	921	911
Female	101	123	169	175	225	240	270	296	317	362	417	440	478
White	243	298	385	420	483	545	627	680	814	850	1,002	1,038	1,082
Black	70	82	76	88	149	143	186	212	230	261	284	289	273
Native American	*	*	*	*	*	*	11	*	*	*	11	*	13
Asian	*	*	*	*	*	*	*	*	12	13	14	25	21
†Hispanic													
†Non-Hispanic													
All	314	381	464	518	637	697	829	911	1,062	1,133	1,311	1,361	1,389
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	17	15	13	19	21	18	17	13	16	18	24	14	20
20-29	70	52	46	45	54	40	51	40	50	45	35	37	30
30-39	232	217	225	196	245	215	231	222	251	220	201	171	182
40-49	347	454	477	523	519	566	497	551	597	602	524	498	508
50-59	464	515	521	618	652	713	776	840	865	855	928	845	948
60-64	204	246	279	274	355	332	381	410	468	447	534	569	547
65-69	171	199	263	289	305	383	365	453	471	512	560	642	678
70-79	75	119	159	187	207	289	369	409	484	528	651	659	724
80+	*	*	*	*	14	14	15	29	33	39	49	71	93
0-19	17	15	13	19	21	18	17	13	16	18	24	14	20
20-44	459	476	464	488	532	514	487	508	559	517	450	415	402
45-64	858	1,008	1,084	1,168	1,293	1,352	1,449	1,555	1,672	1,652	1,772	1,705	1,813
65-74	227	302	389	435	474	609	636	751	818	892	994	1,074	1,163
75+	28	22	38	45	52	77	113	140	170	187	266	298	332
Male	1,080	1,183	1,316	1,415	1,490	1,678	1,743	1,880	2,075	2,074	2,180	2,240	2,416
Female	509	640	672	740	882	892	959	1,087	1,160	1,192	1,326	1,266	1,314
White	1,226	1,420	1,528	1,668	1,814	1,974	2,061	2,256	2,473	2,448	2,649	2,684	2,861
Black	320	351	401	420	477	519	556	602	646	685	734	687	730
Native American	14	17	17	25	25	22	29	41	36	40	45	45	42
Asian	29	35	42	42	56	55	56	68	80	93	78	90	97
†Hispanic				141	156	166	184	238	502	245	268	288	322
†Non-Hispanic				2,017	2,219	2,407	2,520	2,731	5,974	3,023	3,241	3,226	3,415
All	1,589	1,823	1,988	2,155	2,372	2,570	2,702	2,967	3,235	3,266	3,506	3,506	3,730

Table H.28.3 (supplement)

**Transplant patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>DIABETES</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	12	16	12	16	22	28	22	26	20	18	17
30-39	22	26	44	39	83	77	90	106	110	109	107	112	130
40-49	13	21	31	31	47	49	81	70	94	113	156	181	169
50-59	*	*	*	19	16	35	41	48	74	73	74	102	103
60-64	*	*	*	*	*	*	*	*	13	17	23	23	41
65-69	*	*	*	*	*	*	*	*	*	12	*	12	25
70-79	*	*	*	*	*	*	*	*	*	*	*	*	*
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	34	40	75	69	124	124	158	166	186	195	209	221	234
45-64	12	20	23	36	42	55	81	95	127	143	171	215	226
65-74	*	*	*	*	*	*	*	*	*	14	11	15	30
75+	*	*	*	*	*	*	*	*	*	*	*	*	*
Male	30	41	62	70	96	122	163	174	222	237	251	290	310
Female	16	20	36	35	71	57	78	91	95	115	141	161	186
White	43	52	93	93	142	160	214	231	270	301	328	374	423
Black	*	*	*	11	25	19	23	31	42	45	55	66	68
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic													
†Non-Hispanic													
All	46	61	98	105	167	179	241	265	317	352	392	451	496
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	14	17	*	*	11	*	*	*	*	*	*	*	*
30-39	108	118	124	107	114	126	112	99	109	97	83	75	68
40-49	157	191	218	229	264	301	259	259	286	286	241	246	242
50-59	155	169	178	221	243	291	311	348	382	377	385	413	406
60-64	42	69	80	82	118	113	123	152	187	155	224	238	222
65-69	29	42	58	58	74	100	95	138	159	166	204	242	258
70-79	*	12	23	24	22	47	68	78	92	112	169	168	172
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	198	234	232	232	248	266	229	224	236	223	189	177	162
45-64	278	330	378	416	502	568	585	642	732	699	749	797	778
65-74	38	53	76	80	93	142	141	203	232	250	334	363	391
75+	*	*	*	*	*	*	23	17	21	32	40	56	49
Male	347	387	463	464	497	624	603	680	764	737	812	920	926
Female	169	231	228	266	349	358	375	406	457	467	500	474	454
White	430	513	575	598	692	784	783	832	944	927	991	1,084	1,066
Black	74	87	94	107	127	172	160	205	230	228	265	251	251
Native American	*	*	*	14	12	15	20	27	23	23	29	27	26
Asian	*	*	16	11	15	11	15	22	24	26	27	32	37
†Hispanic				47	55	69	84	112	216	120	131	136	161
†Non-Hispanic				683	791	913	894	974	2,226	1,084	1,183	1,260	1,223
All	516	618	691	730	846	982	978	1,086	1,221	1,204	1,312	1,394	1,380

Table H.28.3 (supplement)

**Transplant patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>HYPERTENSION</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	*	*	*	*	*	*	*	*	*	*	*	*
30-39	*	*	14	11	26	*	22	17	29	16	21	19	21
40-49	12	15	20	14	22	34	31	43	46	49	55	56	55
50-59	*	12	*	12	18	28	42	46	41	61	74	88	53
60-64	*	*	*	*	*	*	15	12	*	28	31	50	46
65-69	*	*	*	*	*	*	*	*	11	*	17	23	30
70-79	*	*	*	*	*	*	*	*	*	*	*	*	16
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	*	16	24	23	39	29	40	43	53	42	48	52	55
45-64	19	19	18	19	35	53	78	79	78	113	135	165	127
65-74	*	*	*	*	*	*	*	*	12	*	25	30	44
75+	*	*	*	*	*	*	*	*	*	*	*	*	*
Male	22	26	31	34	53	60	92	102	104	122	154	192	158
Female	*	*	12	11	24	23	33	26	39	44	55	57	70
White	13	15	20	24	39	39	58	60	68	69	103	126	125
Black	13	20	23	20	37	41	67	65	72	95	99	120	100
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic													
†Non-Hispanic													
All	26	35	43	45	77	83	125	128	143	166	209	249	228
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	11	*	*	*	*	*	*	*	*	*	*	*	*
30-39	25	20	20	14	15	14	25	21	34	21	20	14	24
40-49	52	77	72	82	66	73	53	69	70	93	56	68	62
50-59	82	116	97	120	123	138	134	152	147	144	143	131	155
60-64	47	58	61	58	79	72	81	90	81	104	104	98	83
65-69	39	44	54	53	75	81	95	85	98	105	110	105	129
70-79	23	23	42	45	67	65	91	104	116	135	153	150	182
80+	*	*	*	*	*	*	*	*	*	11	16	19	29
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	60	59	44	55	45	55	51	56	65	67	46	35	50
45-64	157	222	209	224	241	249	250	279	270	300	279	278	276
65-74	53	66	87	82	134	127	166	155	178	197	210	203	240
75+	12	*	*	17	15	23	23	42	45	54	69	71	100
Male	202	256	256	273	306	330	357	371	388	431	408	391	446
Female	80	93	95	106	129	125	133	161	171	187	198	197	221
White	155	188	169	204	239	234	266	296	310	327	333	322	394
Black	117	153	176	169	183	202	206	220	232	270	257	249	259
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	17	15	14	15	19	12	12	11
†Hispanic				31	35	36	29	45	84	41	40	45	59
†Non-Hispanic				349	400	419	462	487	1,034	577	566	543	609
All	282	349	351	379	435	455	490	532	559	618	606	588	667

Table H.28.3 (supplement)

**Transplant patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>GLOMERULONEPHRITIS</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	*	15	*	15	12	18	27	19	19	18	16	16	18
30-39	14	16	22	25	21	31	42	41	45	48	46	50	34
40-49	17	17	25	25	32	23	46	46	52	67	70	59	59
50-59	12	17	25	28	29	44	30	49	44	67	71	77	60
60-64	*	*	*	*	*	*	11	13	22	22	34	44	47
65-69	*	*	*	*	*	*	*	*	14	18	35	25	35
70-79	*	*	*	*	*	*	*	*	*	*	*	*	23
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	22	41	49	55	50	61	102	79	92	97	95	90	80
45-64	28	26	35	43	52	64	54	89	90	125	142	156	138
65-74	*	*	*	*	*	*	*	*	17	25	44	29	54
75+	*	*	*	*	*	*	*	*	*	*	*	*	*
Male	37	50	64	81	84	92	116	130	155	181	217	198	200
Female	20	25	28	28	27	46	58	55	55	78	73	86	81
White	47	61	77	92	88	108	129	146	165	202	220	227	218
Black	*	14	15	14	22	27	37	32	38	49	65	51	51
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	*	*
†Hispanic													
†Non-Hispanic													
All	57	75	92	109	111	138	174	185	210	259	290	284	281
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-29	18	11	17	*	17	11	20	*	20	20	*	13	*
30-39	49	28	33	36	59	36	38	52	52	48	41	28	41
40-49	70	80	93	106	97	96	88	118	126	104	100	80	95
50-59	100	110	112	124	138	128	135	148	161	140	180	144	174
60-64	41	49	52	57	72	68	76	82	87	82	83	100	101
65-69	36	47	64	80	70	96	68	103	91	91	101	109	117
70-79	13	33	41	63	55	77	90	100	116	121	135	130	156
80+	*	*	*	*	*	*	*	*	14	*	18	15	26
0-19	*	*	*	*	*	*	*	*	*	*	*	*	*
20-44	95	78	93	89	121	92	95	109	136	110	93	77	83
45-64	183	200	214	243	262	247	262	300	310	284	321	288	338
65-74	47	74	96	131	114	159	134	176	173	178	188	197	213
75+	*	*	*	14	15	20	27	32	48	41	66	57	86
Male	245	254	302	326	355	373	364	408	460	429	442	433	479
Female	88	114	114	153	167	152	160	213	212	191	232	187	245
White	272	310	341	390	407	431	429	498	549	481	539	492	588
Black	50	45	58	72	90	73	76	92	90	101	105	94	104
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	12	12	21	19	16	23	25	28	23	26	27
†Hispanic				35	35	30	35	37	116	32	44	52	61
†Non-Hispanic				444	488	496	489	584	1,230	588	630	570	664
All	333	368	416	479	522	525	524	621	672	620	674	620	724

Table H.28.3 (supplement)

**Transplant patients: counts of total deaths, by primary diagnosis***period prevalent patients*

<b>OTHER</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	22	18	18	12	15	22	19	24	18	14	*	16	*
20-29	17	28	23	38	34	33	15	28	35	29	27	26	13
30-39	44	39	50	59	69	57	71	48	59	65	48	43	37
40-49	62	64	64	57	68	62	58	80	86	87	95	82	86
50-59	28	48	57	67	67	84	75	100	120	100	138	98	108
60-64	*	*	14	16	19	29	34	35	41	29	53	59	67
65-69	*	*	*	*	*	*	16	13	24	21	40	35	49
70-79	*	*	*	*	*	*	*	*	*	11	*	15	13
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	22	18	18	12	15	22	19	24	18	14	*	16	*
20-44	81	94	97	124	138	119	106	117	130	137	125	109	85
45-64	80	93	111	113	119	146	147	174	211	173	236	199	226
65-74	*	*	*	*	*	*	16	18	30	29	46	48	60
75+	*	*	*	*	*	*	*	*	*	*	*	*	*
Male	124	141	138	158	179	183	188	209	264	231	272	241	243
Female	61	69	93	101	103	114	101	124	128	125	148	136	141
White	140	170	195	211	214	238	226	243	311	278	351	311	316
Black	44	40	34	43	65	56	59	84	78	72	65	52	54
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	*	*	*	*	*	*	*	*	*	*	12	*
†Hispanic													
†Non-Hispanic													
All	185	210	231	259	282	297	289	333	392	356	420	377	384
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	11	*	*	16	11	*	11	*	*	11	16	11	15
20-29	27	14	16	22	23	19	14	20	23	13	18	20	16
30-39	50	51	48	39	57	39	56	50	56	54	57	54	49
40-49	68	106	94	106	92	96	97	105	115	119	127	104	109
50-59	127	120	134	153	148	156	196	192	175	194	220	157	213
60-64	74	70	86	77	86	79	101	86	113	106	123	133	141
65-69	67	66	87	98	86	106	107	127	123	150	145	186	174
70-79	29	51	53	55	63	100	120	127	160	160	194	211	214
80+	*	*	*	*	*	*	*	12	*	17	14	28	28
0-19	11	*	*	16	11	*	11	*	*	11	16	11	15
20-44	106	105	95	112	118	101	112	119	122	117	122	126	107
45-64	240	256	283	285	288	288	352	334	360	369	423	342	421
65-74	89	109	130	142	133	181	195	217	235	267	262	311	319
75+	12	11	13	12	19	28	40	49	56	60	91	114	97
Male	286	286	295	352	332	351	419	421	463	477	518	496	565
Female	172	202	235	215	237	257	291	307	320	347	396	408	394
White	369	409	443	476	476	525	583	630	670	713	786	786	813
Black	79	66	73	72	77	72	114	85	94	86	107	93	116
Native American	*	*	*	*	*	*	*	*	*	*	*	*	*
Asian	*	11	*	15	13	*	*	*	16	20	16	20	22
†Hispanic				28	31	31	36	44	86	52	53	55	41
†Non-Hispanic				541	540	579	675	686	1,484	774	862	853	919
All	458	488	530	567	569	608	710	728	783	824	914	904	959

Table H.28.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

ALL	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	828	933	1,030	1,117	1,228	1,373	1,549	1,703	1,811	1,772	1,801	1,830	1,894
20-29	1,637	2,098	2,450	2,756	3,115	3,443	3,768	4,149	4,378	4,341	4,398	4,624	4,885
30-39	1,719	2,252	2,883	3,487	4,226	5,114	6,080	7,140	7,863	8,270	8,691	9,434	10,157
40-49	1,249	1,581	1,922	2,419	2,918	3,546	4,451	5,501	6,544	7,385	8,187	9,091	10,342
50-59	693	924	1,202	1,500	1,864	2,383	2,930	3,768	4,614	5,204	5,807	6,591	7,366
60-64	93	126	165	228	303	447	633	895	1,218	1,609	1,950	2,271	2,659
65-69	30	54	68	82	110	155	232	357	540	771	995	1,294	1,625
70-79	*	13	17	25	35	49	73	110	168	226	302	438	631
80+	*	*	*	*	*	*	*	*	*	12	13	19	23
0-19	828	933	1,030	1,117	1,228	1,373	1,549	1,703	1,811	1,772	1,801	1,830	1,894
20-44	4,014	5,210	6,390	7,566	8,921	10,477	12,226	14,291	15,804	16,588	17,556	19,081	20,683
45-64	1,377	1,771	2,232	2,822	3,506	4,456	5,635	7,162	8,813	10,220	11,477	12,930	14,726
65-74	38	65	80	101	139	197	291	445	672	949	1,231	1,648	2,146
75+	*	*	*	*	*	11	23	32	47	60	78	103	133
Male	3,779	4,849	6,016	7,274	8,667	10,342	12,403	14,845	16,972	18,381	19,812	21,818	24,084
Female	2,479	3,134	3,722	4,341	5,133	6,172	7,323	8,788	10,176	11,208	12,331	13,774	15,499
White	5,204	6,578	7,983	9,409	11,093	13,204	15,674	18,745	21,478	23,307	25,326	28,018	31,072
Black	962	1,281	1,589	1,982	2,418	2,931	3,584	4,277	4,910	5,365	5,750	6,324	7,071
Native American	44	54	73	83	100	120	147	174	205	241	288	322	370
Asian	48	70	93	141	189	258	320	436	555	676	780	928	1,070
†Hispanic													
†Non-Hispanic													
All	6,258	7,983	9,738	11,615	13,800	16,514	19,725	23,633	27,148	29,589	32,143	35,592	39,582
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,912	1,986	1,999	2,172	2,241	2,262	2,298	2,423	2,341	2,311	2,229	2,094	2,095
20-29	4,965	5,061	4,902	5,064	5,132	5,155	5,155	5,213	5,114	5,010	4,913	4,611	4,657
30-39	10,725	11,395	11,610	12,190	12,585	12,720	13,055	13,277	13,361	13,411	13,429	13,110	13,064
40-49	11,439	12,635	13,440	14,703	15,752	16,528	17,467	18,442	19,278	19,996	20,742	20,862	21,539
50-59	8,233	9,238	9,937	11,010	12,246	13,863	15,328	17,021	18,296	19,856	21,392	22,302	24,170
60-64	2,961	3,288	3,496	3,977	4,520	5,036	5,575	6,261	6,695	7,353	8,156	8,718	9,513
65-69	2,023	2,494	2,910	3,380	3,886	4,349	4,855	5,421	6,037	6,704	7,473	8,350	9,194
70-79	833	1,036	1,311	1,646	2,004	2,444	2,944	3,445	4,104	4,762	5,631	6,510	7,446
80+	20	25	37	43	64	74	106	141	192	247	309	374	483
0-19	1,912	1,986	1,999	2,172	2,241	2,262	2,298	2,423	2,341	2,311	2,229	2,094	2,095
20-44	21,771	23,069	23,383	24,649	25,493	26,062	26,846	27,614	27,824	28,000	28,207	27,507	27,724
45-64	16,552	18,549	20,002	22,295	24,742	27,239	29,735	32,599	34,920	37,627	40,425	42,096	45,218
65-74	2,736	3,362	4,018	4,723	5,491	6,299	7,169	8,085	9,196	10,347	11,723	13,180	14,675
75+	140	192	240	346	463	569	735	922	1,137	1,366	1,690	2,055	2,447
Male	26,114	28,517	30,087	32,894	35,327	37,654	40,123	42,901	45,074	47,560	50,260	52,037	55,027
Female	16,997	18,642	19,555	21,291	23,103	24,778	26,661	28,742	30,342	32,092	34,013	34,893	37,134
White	33,718	36,767	38,361	41,683	44,722	47,549	50,670	54,138	56,835	59,821	63,222	64,956	68,575
Black	7,735	8,537	9,221	10,209	11,165	12,105	13,060	14,093	14,899	15,866	16,793	17,547	18,739
Native American	401	444	503	547	601	642	682	765	802	836	876	886	953
Asian	1,257	1,411	1,557	1,745	1,943	2,136	2,371	2,648	2,880	3,127	3,382	3,542	3,894
†Hispanic				4,738	5,289	5,836	6,562	7,315	15,871	8,655	9,454	9,868	10,718
†Non-Hispanic				49,485	53,185	56,647	60,284	64,402	135,137	71,090	74,927	77,237	81,803
All	43,110	47,159	49,642	54,185	58,431	62,431	66,784	71,643	75,417	79,651	84,273	86,930	92,161



Table H.28.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	13	13	11	16	15	16	*	13	15	18
20-29	129	179	225	308	366	427	503	582	622	606	635	682	672
30-39	230	357	543	729	965	1,281	1,590	2,003	2,231	2,418	2,569	2,849	3,087
40-49	111	158	230	334	448	601	826	1,138	1,493	1,806	2,153	2,437	2,828
50-59	34	51	81	120	182	246	362	532	690	817	969	1,207	1,496
60-64	*	*	*	11	18	25	58	83	125	174	268	323	410
65-69	*	*	*	*	*	*	22	35	55	77	98	146	189
70-79	*	*	*	*	*	*	*	*	13	19	20	34	60
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	13	13	11	16	15	16	*	13	15	18
20-44	426	639	907	1,231	1,602	2,079	2,596	3,293	3,749	4,103	4,528	5,006	5,428
45-64	82	113	179	271	377	500	743	1,045	1,412	1,719	2,066	2,492	3,065
65-74	*	*	*	*	11	14	25	43	65	92	113	174	242
75+	*	*	*	*	*	*	*	*	*	*	*	*	*
Male	337	471	693	953	1,248	1,597	2,079	2,694	3,184	3,594	4,064	4,652	5,302
Female	183	294	408	571	757	1,009	1,302	1,706	2,063	2,334	2,663	3,044	3,460
White	486	704	1,000	1,375	1,790	2,339	2,993	3,877	4,580	5,141	5,812	6,622	7,499
Black	31	56	96	141	200	234	343	463	589	685	775	891	1,047
Native American	*	*	*	*	12	24	33	37	43	56	77	98	117
Asian	*	*	*	*	*	*	12	23	35	46	63	85	99
†Hispanic													
†Non-Hispanic													
All	520	765	1,102	1,525	2,004	2,605	3,381	4,400	5,247	5,928	6,727	7,696	8,762
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	12	12	13	17	14	12	*	*	*	*	*	*	*
20-29	620	577	528	520	475	448	436	367	350	327	293	267	255
30-39	3,218	3,535	3,647	3,810	3,850	3,828	3,790	3,757	3,565	3,391	3,301	3,143	2,992
40-49	3,194	3,671	4,058	4,514	4,904	5,118	5,416	5,708	5,983	6,164	6,348	6,418	6,574
50-59	1,789	2,065	2,361	2,737	3,170	3,766	4,272	4,807	5,249	5,789	6,298	6,667	7,309
60-64	492	618	725	895	1,053	1,237	1,449	1,676	1,840	2,114	2,441	2,639	2,897
65-69	244	329	436	532	662	773	943	1,150	1,402	1,631	1,872	2,189	2,436
70-79	76	91	113	164	235	314	392	483	626	792	1,001	1,216	1,530
80+	*	*	*	*	*	*	*	*	*	*	18	29	38
0-19	12	12	13	17	14	12	*	*	*	*	*	*	*
20-44	5,658	6,133	6,334	6,714	6,858	6,924	7,059	7,054	6,876	6,735	6,637	6,427	6,330
45-64	3,656	4,334	4,986	5,761	6,594	7,472	8,304	9,261	10,111	11,049	12,044	12,706	13,698
65-74	318	413	537	672	868	1,048	1,277	1,556	1,924	2,289	2,691	3,190	3,691
75+	*	*	13	25	30	42	61	80	111	143	200	244	313
Male	5,796	6,553	7,149	7,953	8,669	9,392	10,144	10,941	11,594	12,383	13,277	13,973	14,905
Female	3,850	4,348	4,734	5,235	5,696	6,106	6,564	7,019	7,439	7,841	8,301	8,598	9,130
White	8,210	9,220	9,957	10,981	11,849	12,657	13,542	14,450	15,248	16,112	17,130	17,783	18,793
Black	1,171	1,367	1,556	1,815	2,053	2,322	2,590	2,856	3,069	3,315	3,573	3,838	4,189
Native American	135	152	189	205	245	274	288	325	342	366	392	402	429
Asian	130	161	181	187	217	245	288	329	374	431	482	548	624
†Hispanic				987	1,133	1,309	1,516	1,716	3,927	2,231	2,491	2,744	3,050
†Non-Hispanic				12,202	13,237	14,196	15,203	16,254	34,171	18,012	19,112	19,868	21,065
All	9,646	10,900	11,883	13,188	14,365	15,498	16,708	17,960	19,033	20,224	21,577	22,571	24,035

Table H.28.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	46	46	53	60	68	69	86	93	88	81	75	80	81
20-29	123	153	193	230	266	301	328	352	385	371	387	428	483
30-39	196	264	321	408	536	614	770	905	1,001	1,041	1,072	1,140	1,211
40-49	167	232	298	400	504	616	757	951	1,134	1,275	1,392	1,525	1,718
50-59	87	119	188	248	356	462	569	732	896	1,038	1,202	1,359	1,491
60-64	*	*	13	25	39	74	121	183	251	339	408	491	590
65-69	*	12	*	13	16	24	41	56	86	152	202	278	349
70-79	*	*	*	*	12	14	18	25	38	52	71	108	145
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	46	46	53	60	68	69	86	93	88	81	75	80	81
20-44	408	539	679	869	1,056	1,220	1,466	1,731	1,951	2,049	2,157	2,348	2,574
45-64	170	235	333	442	645	847	1,079	1,390	1,715	2,015	2,304	2,595	2,920
65-74	*	17	17	21	28	37	55	75	114	188	253	358	460
75+	*	*	*	*	*	*	*	*	11	17	22	32	40
Male	424	575	737	969	1,261	1,536	1,901	2,298	2,675	2,996	3,302	3,676	4,097
Female	211	264	347	424	535	639	790	999	1,203	1,354	1,509	1,738	1,978
White	368	469	595	733	936	1,090	1,375	1,690	1,996	2,198	2,462	2,820	3,199
Black	261	358	470	637	825	1,029	1,253	1,525	1,766	2,008	2,188	2,415	2,665
Native American	*	*	*	*	11	14	16	19	28	29	36	38	44
Asian	*	*	*	14	24	43	47	63	89	115	125	140	168
†Hispanic													
†Non-Hispanic													
All	635	838	1,084	1,394	1,796	2,176	2,691	3,297	3,878	4,350	4,812	5,414	6,075
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	85	79	76	69	73	73	70	66	55	52	53	43	39
20-29	502	531	568	605	592	564	534	523	505	455	414	396	369
30-39	1,260	1,320	1,374	1,506	1,622	1,586	1,675	1,724	1,771	1,784	1,853	1,810	1,825
40-49	1,892	2,101	2,250	2,424	2,594	2,752	2,827	2,847	2,908	3,002	3,086	3,050	3,170
50-59	1,672	1,854	2,045	2,237	2,470	2,732	2,945	3,268	3,393	3,634	3,845	3,919	4,099
60-64	661	747	777	912	1,025	1,116	1,206	1,349	1,413	1,540	1,621	1,645	1,797
65-69	463	556	661	772	863	975	1,073	1,165	1,302	1,436	1,582	1,714	1,902
70-79	188	264	329	407	497	605	731	865	1,009	1,151	1,383	1,583	1,792
80+	*	*	*	13	19	20	29	44	55	74	96	115	149
0-19	85	79	76	69	73	73	70	66	55	52	53	43	39
20-44	2,726	2,911	3,005	3,225	3,406	3,416	3,453	3,511	3,563	3,590	3,640	3,612	3,653
45-64	3,260	3,642	4,010	4,458	4,897	5,336	5,734	6,200	6,427	6,826	7,179	7,208	7,608
65-74	616	773	936	1,106	1,258	1,454	1,624	1,820	2,052	2,295	2,603	2,850	3,169
75+	40	53	64	86	123	147	209	254	315	366	457	562	674
Male	4,537	5,001	5,459	6,030	6,546	6,994	7,428	7,860	8,216	8,636	9,168	9,350	9,920
Female	2,191	2,456	2,633	2,914	3,210	3,431	3,663	3,991	4,197	4,494	4,764	4,925	5,223
White	3,562	3,944	4,256	4,673	5,124	5,434	5,771	6,154	6,460	6,827	7,232	7,388	7,903
Black	2,910	3,216	3,495	3,878	4,208	4,508	4,793	5,088	5,302	5,620	5,966	6,121	6,389
Native American	47	50	63	64	58	59	68	81	92	96	95	88	96
Asian	209	247	278	330	367	424	460	529	558	586	639	677	755
†Hispanic				889	999	1,090	1,191	1,320	2,843	1,520	1,688	1,764	1,937
†Non-Hispanic				8,063	8,763	9,341	9,909	10,541	22,008	11,623	12,257	12,537	13,265
All	6,728	7,457	8,092	8,944	9,756	10,425	11,091	11,851	12,412	13,130	13,932	14,275	15,143

Table H.28.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	274	321	330	381	397	457	515	560	593	585	598	600	619
20-29	667	844	990	1,132	1,249	1,363	1,481	1,580	1,728	1,724	1,734	1,829	1,949
30-39	583	795	991	1,191	1,457	1,755	2,044	2,340	2,517	2,626	2,767	2,964	3,210
40-49	352	446	567	724	883	1,112	1,394	1,690	1,961	2,179	2,358	2,638	2,995
50-59	174	215	284	378	469	622	767	991	1,242	1,414	1,557	1,754	1,940
60-64	26	28	38	67	81	128	175	240	326	419	515	590	687
65-69	*	18	18	21	30	40	59	111	166	223	272	363	441
70-79	*	*	*	*	*	*	15	27	46	59	82	123	187
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	274	321	330	381	397	457	515	560	593	585	598	600	619
20-44	1,447	1,878	2,311	2,727	3,203	3,741	4,285	4,849	5,337	5,552	5,791	6,276	6,826
45-64	355	449	559	765	937	1,239	1,576	1,991	2,437	2,810	3,140	3,499	3,955
65-74	*	19	19	24	35	50	73	136	206	274	338	464	598
75+	*	*	*	*	*	*	*	*	*	*	17	23	34
Male	1,270	1,664	2,024	2,485	2,936	3,521	4,169	4,893	5,594	5,985	6,355	6,951	7,614
Female	812	1,004	1,197	1,413	1,637	1,968	2,284	2,648	2,986	3,247	3,529	3,911	4,418
White	1,758	2,235	2,693	3,229	3,771	4,482	5,230	6,089	6,910	7,397	7,889	8,633	9,487
Black	283	374	450	550	651	825	993	1,151	1,307	1,403	1,510	1,672	1,906
Native American	17	22	32	40	44	47	57	66	75	94	104	109	123
Asian	24	37	47	79	107	134	173	234	289	337	380	448	516
†Hispanic													
†Non-Hispanic													
All	2,082	2,668	3,221	3,898	4,573	5,489	6,452	7,540	8,580	9,231	9,884	10,862	12,032
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	615	619	625	693	691	679	651	670	626	609	557	525	514
20-29	2,039	2,053	2,015	2,055	2,104	2,130	2,152	2,179	2,148	2,031	1,985	1,856	1,873
30-39	3,406	3,540	3,547	3,685	3,798	3,920	4,066	4,175	4,304	4,414	4,420	4,361	4,364
40-49	3,284	3,572	3,704	4,031	4,315	4,529	4,813	5,131	5,359	5,545	5,727	5,712	5,915
50-59	2,151	2,414	2,515	2,775	3,052	3,359	3,729	4,094	4,445	4,841	5,246	5,416	5,836
60-64	744	778	826	941	1,074	1,203	1,292	1,407	1,446	1,547	1,690	1,828	2,000
65-69	534	660	780	878	1,026	1,082	1,199	1,315	1,408	1,523	1,694	1,857	1,997
70-79	251	305	372	465	529	657	779	891	1,053	1,199	1,386	1,618	1,765
80+	*	*	*	13	20	18	24	34	51	69	86	97	126
0-19	615	619	625	693	691	679	651	670	626	609	557	525	514
20-44	7,234	7,498	7,539	7,831	8,074	8,329	8,638	8,951	9,112	9,159	9,215	8,928	9,020
45-64	4,390	4,858	5,068	5,656	6,269	6,811	7,414	8,036	8,591	9,220	9,852	10,244	10,968
65-74	750	919	1,098	1,263	1,447	1,591	1,802	2,000	2,213	2,431	2,701	3,024	3,262
75+	38	50	64	94	128	166	200	241	299	361	465	549	627
Male	8,211	8,770	9,115	9,867	10,510	11,071	11,701	12,450	13,018	13,577	14,108	14,506	15,115
Female	4,816	5,175	5,278	5,669	6,099	6,505	7,004	7,446	7,822	8,202	8,683	8,763	9,275
White	10,219	10,889	11,143	11,957	12,723	13,415	14,213	15,024	15,613	16,201	16,951	17,226	17,943
Black	2,090	2,267	2,397	2,618	2,813	3,020	3,222	3,485	3,714	3,968	4,133	4,312	4,571
Native American	127	142	148	162	175	183	193	218	228	236	239	242	261
Asian	592	647	707	799	896	958	1,077	1,169	1,286	1,374	1,467	1,489	1,616
†Hispanic				1,552	1,699	1,852	2,070	2,313	4,840	2,587	2,766	2,801	2,994
†Non-Hispanic				13,992	14,918	15,739	16,651	17,609	36,896	19,223	20,058	20,520	21,494
All	13,028	13,945	14,394	15,536	16,608	17,576	18,706	19,896	20,841	21,779	22,791	23,270	24,390

Table H.28.3 (supplement)

**Years at risk**

counts of total deaths &amp; years at risk used to compute annual mortality rates per 1,000 patient years at risk

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	500	557	638	663	749	835	933	1,035	1,115	1,097	1,115	1,134	1,176
20-29	718	922	1,041	1,086	1,233	1,352	1,456	1,635	1,643	1,639	1,642	1,684	1,781
30-39	711	836	1,028	1,160	1,268	1,464	1,677	1,891	2,114	2,184	2,283	2,482	2,649
40-49	619	745	828	959	1,083	1,217	1,474	1,722	1,957	2,125	2,284	2,491	2,800
50-59	397	539	649	754	857	1,053	1,232	1,514	1,786	1,934	2,080	2,270	2,439
60-64	57	87	107	125	166	220	278	390	516	677	758	868	972
65-69	11	21	35	42	56	81	111	154	233	320	423	508	646
70-79	*	*	*	*	14	20	35	49	72	96	129	174	240
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	500	557	638	663	749	835	933	1,035	1,115	1,097	1,115	1,134	1,176
20-44	1,733	2,155	2,492	2,739	3,060	3,437	3,880	4,418	4,766	4,885	5,080	5,451	5,856
45-64	770	974	1,160	1,344	1,547	1,869	2,237	2,734	3,250	3,675	3,967	4,343	4,786
65-74	17	24	39	49	65	96	139	190	287	395	526	652	847
75+	*	*	*	*	*	*	11	18	24	29	33	40	49
Male	1,748	2,140	2,562	2,867	3,223	3,688	4,254	4,961	5,519	5,807	6,091	6,538	7,071
Female	1,272	1,572	1,769	1,932	2,204	2,556	2,946	3,436	3,923	4,273	4,629	5,081	5,642
White	2,591	3,170	3,695	4,072	4,596	5,293	6,076	7,090	7,991	8,570	9,163	9,943	10,887
Black	388	493	573	655	743	842	996	1,139	1,249	1,269	1,276	1,344	1,453
Native American	19	19	27	28	33	35	41	52	59	62	70	77	86
Asian	23	29	35	44	55	73	88	115	143	178	212	255	287
†Hispanic													
†Non-Hispanic													
All	3,020	3,712	4,331	4,799	5,427	6,244	7,200	8,396	9,442	10,080	10,721	11,619	12,713
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,199	1,276	1,285	1,394	1,464	1,499	1,569	1,678	1,649	1,642	1,613	1,522	1,538
20-29	1,804	1,900	1,790	1,884	1,961	2,014	2,034	2,144	2,110	2,197	2,221	2,091	2,159
30-39	2,840	2,999	3,042	3,188	3,315	3,386	3,524	3,621	3,720	3,823	3,855	3,797	3,883
40-49	3,070	3,292	3,428	3,734	3,939	4,128	4,411	4,755	5,027	5,285	5,581	5,682	5,880
50-59	2,621	2,906	3,015	3,261	3,553	4,005	4,383	4,853	5,210	5,592	6,004	6,301	6,926
60-64	1,064	1,145	1,167	1,230	1,368	1,480	1,628	1,829	1,996	2,152	2,404	2,606	2,818
65-69	782	949	1,034	1,198	1,335	1,520	1,639	1,791	1,925	2,114	2,324	2,590	2,859
70-79	317	376	497	610	743	868	1,042	1,206	1,415	1,620	1,862	2,093	2,359
80+	12	14	16	16	24	33	50	59	78	94	109	133	170
0-19	1,199	1,276	1,285	1,394	1,464	1,499	1,569	1,678	1,649	1,642	1,613	1,522	1,538
20-44	6,154	6,528	6,506	6,878	7,154	7,393	7,696	8,099	8,273	8,516	8,716	8,539	8,722
45-64	5,246	5,714	5,937	6,419	6,982	7,620	8,284	9,103	9,791	10,532	11,349	11,938	12,944
65-74	1,052	1,258	1,447	1,683	1,918	2,206	2,466	2,709	3,007	3,333	3,727	4,116	4,554
75+	59	81	99	142	183	215	265	347	411	496	568	700	834
Male	7,569	8,193	8,364	9,043	9,603	10,197	10,849	11,650	12,246	12,963	13,707	14,208	15,087
Female	6,140	6,664	6,910	7,473	8,099	8,735	9,430	10,286	10,885	11,555	12,265	12,607	13,505
White	11,727	12,713	13,005	14,072	15,025	16,043	17,145	18,511	19,514	20,681	21,910	22,559	23,936
Black	1,564	1,687	1,773	1,898	2,091	2,254	2,455	2,665	2,815	2,963	3,120	3,275	3,590
Native American	92	100	104	116	123	126	133	139	140	138	150	154	167
Asian	326	356	392	429	462	509	546	621	661	736	794	827	899
†Hispanic				1,309	1,458	1,585	1,785	1,966	4,261	2,317	2,509	2,560	2,736
†Non-Hispanic				15,229	16,266	17,370	18,521	19,997	42,062	22,233	23,500	24,312	25,979
All	13,709	14,857	15,274	16,516	17,701	18,932	20,279	21,936	23,131	24,518	25,973	26,815	28,592

Table H.28.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

<b>ALL</b>	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>
0-19	900	1,018	1,120	1,192	1,317	1,476	1,671	1,837	1,906	1,873	1,904	1,941	1,981
20-29	1,722	2,208	2,573	2,880	3,228	3,579	3,927	4,310	4,512	4,514	4,544	4,771	4,995
30-39	1,824	2,386	3,044	3,652	4,418	5,320	6,364	7,404	8,124	8,535	8,971	9,726	10,432
40-49	1,347	1,691	2,050	2,533	3,059	3,709	4,672	5,745	6,795	7,660	8,523	9,447	10,651
50-59	739	989	1,290	1,597	1,958	2,516	3,085	3,974	4,810	5,423	6,069	6,851	7,602
60-64	102	136	176	245	328	482	679	952	1,271	1,674	2,037	2,379	2,776
65-69	32	58	71	91	119	170	254	371	570	808	1,054	1,351	1,697
70-79	*	14	20	26	40	54	79	119	180	239	320	456	662
80+	*	*	*	*	*	*	*	13	11	13	15	22	25
0-19	900	1,018	1,120	1,192	1,317	1,476	1,671	1,837	1,906	1,873	1,904	1,941	1,981
20-44	4,241	5,508	6,748	7,917	9,304	10,913	12,783	14,836	16,322	17,172	18,164	19,715	21,232
45-64	1,493	1,902	2,385	2,990	3,687	4,693	5,944	7,549	9,190	10,634	11,980	13,459	15,224
65-74	40	70	85	111	151	216	318	467	711	998	1,306	1,721	2,246
75+	*	*	*	*	*	13	25	36	50	62	83	108	138
Male	4,042	5,187	6,402	7,670	9,080	10,830	13,057	15,558	17,648	19,116	20,645	22,662	24,830
Female	2,634	3,315	3,943	4,549	5,388	6,481	7,684	9,167	10,531	11,623	12,792	14,282	15,991
White	5,554	7,009	8,501	9,916	11,642	13,871	16,515	19,639	22,333	24,243	26,397	29,147	32,100
Black	1,027	1,366	1,671	2,066	2,530	3,046	3,737	4,450	5,065	5,554	5,944	6,509	7,255
Native American	45	55	75	88	103	127	155	183	213	247	298	334	379
Asian	50	72	98	149	193	267	334	453	568	695	798	954	1,087
†Hispanic													
†Non-Hispanic													
All	6,676	8,502	10,345	12,219	14,468	17,311	20,741	24,725	28,179	30,739	33,437	36,944	40,821
	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
0-19	2,021	2,086	2,104	2,266	2,330	2,327	2,375	2,498	2,420	2,393	2,317	2,168	2,190
20-29	5,118	5,177	5,010	5,153	5,236	5,250	5,255	5,292	5,216	5,096	4,997	4,698	4,742
30-39	11,007	11,685	11,892	12,409	12,837	12,968	13,284	13,487	13,613	13,670	13,654	13,302	13,298
40-49	11,748	13,015	13,841	15,100	16,161	16,962	17,858	18,832	19,781	20,512	21,230	21,289	22,024
50-59	8,550	9,575	10,308	11,403	12,687	14,349	15,837	17,541	18,932	20,494	22,088	22,969	24,941
60-64	3,090	3,433	3,656	4,142	4,742	5,236	5,814	6,498	6,991	7,659	8,510	9,083	9,898
65-69	2,134	2,610	3,051	3,531	4,070	4,566	5,068	5,691	6,324	7,030	7,829	8,729	9,626
70-79	874	1,108	1,404	1,745	2,119	2,600	3,142	3,665	4,370	5,053	5,979	6,867	7,877
80+	24	27	39	46	71	83	114	156	208	265	334	414	532
0-19	2,021	2,086	2,104	2,266	2,330	2,327	2,375	2,498	2,420	2,393	2,317	2,168	2,190
20-44	22,355	23,657	23,953	25,153	26,043	26,606	27,351	28,085	28,404	28,588	28,717	27,967	28,229
45-64	17,158	19,228	20,754	23,054	25,620	28,159	30,697	33,565	36,129	38,843	41,762	43,374	46,674
65-74	2,877	3,542	4,230	4,951	5,768	6,632	7,530	8,518	9,678	10,882	12,315	13,805	15,397
75+	155	203	264	371	492	617	794	994	1,224	1,466	1,827	2,205	2,638
Male	27,053	29,460	31,136	33,918	36,454	38,847	41,342	44,120	46,581	49,105	51,884	53,640	56,875
Female	17,513	19,256	20,169	21,877	23,799	25,494	27,405	29,540	31,274	33,067	35,054	35,879	38,253
White	34,926	38,051	39,725	43,011	46,201	49,098	52,235	55,753	58,807	61,815	65,350	67,066	70,976
Black	7,943	8,761	9,481	10,434	11,450	12,410	13,399	14,419	15,283	16,294	17,237	17,932	19,205
Native American	414	458	513	566	615	656	699	788	823	857	906	911	981
Asian	1,283	1,446	1,586	1,784	1,987	2,177	2,414	2,700	2,942	3,206	3,445	3,610	3,966
†Hispanic				4,839	5,402	5,960	6,691	7,479	16,236	8,838	9,649	10,062	10,947
†Non-Hispanic				50,996	54,897	58,434	62,119	66,258	139,654	73,430	77,400	79,657	84,561
All	44,566	48,716	51,305	55,795	60,253	64,341	68,747	73,660	77,855	82,172	86,938	89,519	95,128

Table H.28.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	*	*	*	16	16	12	16	17	17	11	13	17	18
20-29	145	202	261	340	397	461	563	635	668	667	680	726	707
30-39	261	406	604	789	1,048	1,374	1,711	2,124	2,352	2,540	2,688	2,974	3,204
40-49	122	180	263	358	491	651	902	1,210	1,568	1,891	2,277	2,591	2,949
50-59	40	57	93	138	197	272	395	573	740	872	1,025	1,276	1,569
60-64	*	*	*	13	22	26	61	94	132	186	283	338	434
65-69	*	*	*	*	*	*	23	37	56	85	103	151	200
70-79	*	*	*	*	*	*	*	*	13	20	21	35	63
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	*	*	*	16	16	12	16	17	17	11	13	17	18
20-44	479	721	1,026	1,337	1,739	2,241	2,824	3,502	3,959	4,332	4,759	5,263	5,649
45-64	94	130	203	301	416	543	808	1,134	1,501	1,824	2,194	2,642	3,214
65-74	*	*	*	*	11	14	26	46	66	101	119	181	256
75+	*	*	*	*	*	*	*	*	*	*	*	*	11
Male	377	535	783	1,040	1,353	1,723	2,263	2,890	3,382	3,808	4,297	4,898	5,522
Female	208	331	462	623	830	1,088	1,414	1,812	2,166	2,466	2,795	3,214	3,626
White	547	794	1,136	1,503	1,949	2,529	3,263	4,150	4,842	5,452	6,133	6,989	7,841
Black	35	66	102	150	219	247	367	489	622	715	812	932	1,086
Native American	*	*	*	*	12	26	34	39	47	58	81	104	121
Asian	*	*	*	*	*	*	13	24	37	49	66	87	100
†Hispanic													
†Non-Hispanic													
All	585	866	1,245	1,663	2,183	2,811	3,677	4,702	5,548	6,274	7,092	8,112	9,148
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	12	12	13	18	14	13	*	*	11	*	*	*	*
20-29	649	605	551	539	497	462	455	382	362	339	304	276	266
30-39	3,342	3,668	3,771	3,909	3,963	3,942	3,887	3,838	3,657	3,495	3,381	3,217	3,066
40-49	3,311	3,823	4,217	4,679	5,082	5,313	5,582	5,872	6,189	6,367	6,519	6,588	6,766
50-59	1,885	2,173	2,476	2,874	3,320	3,940	4,453	5,006	5,494	6,025	6,543	6,943	7,573
60-64	518	653	770	943	1,122	1,296	1,524	1,755	1,950	2,213	2,579	2,774	3,038
65-69	261	353	466	563	703	830	997	1,231	1,495	1,727	1,996	2,316	2,576
70-79	83	99	126	177	247	337	426	525	676	852	1,088	1,310	1,628
80+	*	*	*	*	*	*	*	*	*	11	19	34	42
0-19	12	12	13	18	14	13	*	*	11	*	*	*	*
20-44	5,870	6,373	6,559	6,916	7,079	7,140	7,250	7,229	7,069	6,949	6,792	6,588	6,490
45-64	3,835	4,549	5,226	6,028	6,905	7,813	8,651	9,624	10,583	11,490	12,534	13,210	14,219
65-74	341	444	577	715	919	1,125	1,353	1,674	2,057	2,429	2,881	3,386	3,907
75+	*	*	16	26	32	45	74	88	123	161	222	274	339
Male	6,067	6,844	7,472	8,275	9,011	9,788	10,526	11,337	12,097	12,873	13,805	14,551	15,499
Female	3,995	4,543	4,919	5,428	5,938	6,348	6,810	7,287	7,746	8,164	8,629	8,912	9,460
White	8,576	9,641	10,399	11,413	12,345	13,186	14,059	14,981	15,905	16,761	17,804	18,509	19,537
Black	1,211	1,421	1,614	1,877	2,126	2,417	2,683	2,961	3,196	3,448	3,723	3,971	4,334
Native American	142	159	192	217	251	283	297	341	355	378	410	415	443
Asian	133	166	186	196	227	250	297	341	387	450	497	568	645
†Hispanic				1,019	1,168	1,354	1,562	1,785	4,058	2,309	2,572	2,820	3,148
†Non-Hispanic				12,685	13,786	14,790	15,785	16,849	35,660	18,747	19,888	20,685	21,893
All	10,062	11,387	12,391	13,703	14,949	16,136	17,336	18,624	19,843	21,037	22,434	23,463	24,959

Table H.28.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	47	49	56	62	74	72	93	98	94	84	80	83	85
20-29	127	159	201	234	272	308	340	360	393	379	393	436	494
30-39	203	275	339	421	552	629	794	924	1,026	1,057	1,089	1,164	1,237
40-49	179	246	314	410	522	640	785	989	1,167	1,313	1,435	1,562	1,756
50-59	93	129	197	259	366	478	599	769	922	1,076	1,245	1,407	1,528
60-64	*	*	13	27	44	80	131	190	257	356	425	516	612
65-69	*	12	11	14	17	25	44	57	92	157	214	291	365
70-79	*	*	*	*	13	15	19	27	40	53	78	112	155
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	47	49	56	62	74	72	93	98	94	84	80	83	85
20-44	424	563	715	894	1,088	1,253	1,512	1,779	1,999	2,095	2,204	2,401	2,631
45-64	185	252	349	457	668	882	1,137	1,453	1,766	2,086	2,383	2,684	2,996
65-74	*	17	17	22	30	39	59	78	122	194	272	375	484
75+	*	*	*	*	*	*	*	*	11	17	22	33	42
Male	449	606	774	1,004	1,302	1,584	1,986	2,389	2,755	3,087	3,405	3,789	4,201
Female	218	276	365	433	558	664	820	1,027	1,237	1,389	1,556	1,787	2,037
White	388	493	626	757	973	1,131	1,436	1,755	2,059	2,260	2,547	2,914	3,298
Black	273	378	493	655	850	1,058	1,304	1,577	1,814	2,070	2,250	2,477	2,726
Native American	*	*	*	*	11	14	16	20	29	29	37	39	44
Asian	*	*	11	15	26	45	50	64	90	117	127	146	170
†Hispanic													
†Non-Hispanic													
All	667	882	1,139	1,437	1,860	2,248	2,806	3,416	3,992	4,476	4,961	5,576	6,238
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	86	82	79	70	75	74	71	67	56	55	56	44	41
20-29	517	543	573	609	598	575	540	527	511	462	417	401	374
30-39	1,284	1,336	1,397	1,521	1,641	1,600	1,697	1,737	1,796	1,803	1,875	1,821	1,847
40-49	1,929	2,153	2,295	2,469	2,640	2,801	2,863	2,883	2,959	3,066	3,128	3,096	3,217
50-59	1,720	1,912	2,111	2,300	2,541	2,820	3,033	3,343	3,487	3,730	3,937	3,996	4,208
60-64	690	778	816	944	1,072	1,162	1,256	1,402	1,463	1,609	1,681	1,707	1,857
65-69	490	580	690	796	909	1,020	1,130	1,214	1,357	1,508	1,644	1,775	1,987
70-79	201	276	354	433	533	642	785	922	1,077	1,225	1,466	1,666	1,901
80+	*	*	11	13	23	24	30	48	58	78	103	126	165
0-19	86	82	79	70	75	74	71	67	56	55	56	44	41
20-44	2,781	2,957	3,051	3,265	3,453	3,462	3,495	3,547	3,618	3,645	3,684	3,639	3,695
45-64	3,359	3,765	4,141	4,578	5,039	5,496	5,894	6,345	6,598	7,025	7,354	7,382	7,808
65-74	651	808	984	1,146	1,335	1,524	1,724	1,908	2,154	2,415	2,722	2,968	3,318
75+	46	54	71	96	130	162	221	276	338	396	491	599	735
Male	4,674	5,149	5,623	6,185	6,734	7,199	7,648	8,060	8,442	8,900	9,412	9,582	10,210
Female	2,249	2,517	2,703	2,970	3,298	3,519	3,757	4,083	4,322	4,636	4,895	5,050	5,387
White	3,679	4,073	4,382	4,798	5,286	5,604	5,956	6,327	6,674	7,063	7,455	7,610	8,187
Black	2,980	3,292	3,600	3,957	4,313	4,618	4,910	5,198	5,427	5,777	6,106	6,246	6,546
Native American	50	51	63	65	62	60	69	82	93	96	97	91	98
Asian	214	250	281	335	371	436	470	536	570	600	649	685	766
†Hispanic				908	1,019	1,114	1,211	1,346	2,902	1,549	1,714	1,792	1,974
†Non-Hispanic				8,255	9,019	9,610	10,203	10,807	22,652	12,000	12,606	12,868	13,683
All	6,923	7,666	8,326	9,155	10,032	10,718	11,405	12,143	12,764	13,536	14,307	14,632	15,597

Table H.28.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	297	350	359	399	418	491	545	598	620	618	635	631	640
20-29	684	866	1,031	1,170	1,285	1,407	1,526	1,624	1,761	1,775	1,775	1,866	1,980
30-39	604	818	1,027	1,227	1,489	1,794	2,101	2,397	2,569	2,684	2,840	3,025	3,274
40-49	368	463	591	752	909	1,147	1,440	1,744	2,010	2,242	2,418	2,694	3,054
50-59	183	226	303	398	491	656	792	1,028	1,274	1,464	1,604	1,816	1,981
60-64	27	31	41	70	86	134	183	251	340	431	537	619	710
65-69	*	20	20	23	30	43	61	113	174	233	290	377	458
70-79	*	*	*	*	*	11	17	28	48	63	87	126	197
80+	*	*	*	*	*	*	*	*	*	*	*	*	*
0-19	297	350	359	399	418	491	545	598	620	618	635	631	640
20-44	1,493	1,934	2,403	2,814	3,288	3,847	4,415	4,973	5,452	5,694	5,939	6,403	6,951
45-64	373	470	590	803	972	1,291	1,627	2,071	2,502	2,902	3,235	3,617	4,048
65-74	*	21	23	26	35	54	77	139	216	288	361	481	624
75+	*	*	*	*	*	*	*	*	*	*	17	24	35
Male	1,323	1,737	2,124	2,585	3,028	3,650	4,315	5,057	5,736	6,175	6,566	7,150	7,793
Female	846	1,039	1,252	1,458	1,686	2,035	2,354	2,729	3,062	3,337	3,621	4,006	4,505
White	1,832	2,328	2,830	3,357	3,893	4,640	5,400	6,291	7,098	7,628	8,130	8,878	9,707
Black	295	387	464	563	669	857	1,029	1,182	1,330	1,444	1,562	1,711	1,945
Native American	17	23	33	41	45	50	60	68	77	95	107	112	125
Asian	25	38	49	82	107	138	180	245	293	345	388	455	521
†Hispanic													
†Non-Hispanic													
All	2,169	2,776	3,376	4,043	4,714	5,685	6,669	7,786	8,798	9,512	10,187	11,156	12,298
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	649	647	648	715	712	696	665	684	640	626	576	540	527
20-29	2,092	2,092	2,053	2,083	2,135	2,159	2,196	2,204	2,185	2,066	2,016	1,892	1,902
30-39	3,470	3,599	3,604	3,732	3,852	3,983	4,116	4,226	4,371	4,469	4,473	4,397	4,425
40-49	3,342	3,641	3,780	4,109	4,395	4,607	4,890	5,212	5,467	5,647	5,835	5,784	6,013
50-59	2,215	2,479	2,595	2,857	3,154	3,448	3,818	4,189	4,568	4,957	5,382	5,535	5,975
60-64	770	805	854	973	1,118	1,249	1,336	1,450	1,500	1,601	1,747	1,888	2,073
65-69	559	686	810	916	1,062	1,136	1,234	1,379	1,463	1,585	1,757	1,921	2,072
70-79	258	325	395	496	559	695	824	945	1,112	1,261	1,454	1,679	1,850
80+	*	*	11	15	21	21	26	37	59	73	95	105	139
0-19	649	647	648	715	712	696	665	684	640	626	576	540	527
20-44	7,380	7,632	7,672	7,943	8,196	8,463	8,771	9,060	9,272	9,296	9,349	9,031	9,147
45-64	4,509	4,984	5,214	5,811	6,458	6,983	7,585	8,221	8,819	9,444	10,104	10,465	11,241
65-74	781	963	1,146	1,325	1,506	1,674	1,870	2,102	2,312	2,540	2,808	3,133	3,392
75+	39	54	70	102	136	178	214	259	322	379	498	572	669
Male	8,432	8,981	9,351	10,101	10,773	11,348	11,965	12,730	13,366	13,911	14,458	14,817	15,501
Female	4,926	5,299	5,399	5,795	6,235	6,646	7,140	7,596	7,999	8,374	8,877	8,924	9,475
White	10,498	11,168	11,443	12,262	13,046	13,766	14,545	15,382	16,044	16,602	17,399	17,610	18,426
Black	2,129	2,308	2,436	2,657	2,869	3,072	3,273	3,534	3,780	4,039	4,205	4,373	4,644
Native American	129	145	152	165	178	185	196	222	233	241	244	246	267
Asian	602	659	719	812	915	971	1,091	1,188	1,308	1,403	1,487	1,512	1,639
†Hispanic				1,577	1,728	1,876	2,101	2,342	4,932	2,618	2,803	2,842	3,043
†Non-Hispanic				14,327	15,290	16,133	17,019	18,011	37,854	19,699	20,566	20,955	22,034
All	13,358	14,280	14,750	15,896	17,008	17,994	19,105	20,326	21,365	22,285	23,335	23,741	24,976



Table H.28.3 (supplement)

**Total patients**

counts of total deaths &amp; patients used to compute annual deaths per 1,000 patients

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
0-19	549	609	695	715	809	901	1,017	1,124	1,175	1,160	1,176	1,210	1,238
20-29	766	981	1,080	1,136	1,274	1,403	1,498	1,691	1,690	1,693	1,696	1,743	1,814
30-39	756	887	1,074	1,215	1,329	1,523	1,758	1,959	2,177	2,254	2,354	2,563	2,717
40-49	678	802	882	1,013	1,137	1,271	1,545	1,802	2,050	2,214	2,393	2,600	2,892
50-59	423	577	697	802	904	1,110	1,299	1,604	1,874	2,011	2,195	2,352	2,524
60-64	63	93	114	135	176	242	304	417	542	701	792	906	1,020
65-69	13	23	36	48	64	92	126	164	248	333	447	532	674
70-79	*	*	*	*	18	23	38	54	79	103	134	183	247
80+	*	*	*	*	*	*	*	*	*	*	*	11	11
0-19	549	609	695	715	809	901	1,017	1,124	1,175	1,160	1,176	1,210	1,238
20-44	1,845	2,290	2,604	2,872	3,189	3,572	4,032	4,582	4,912	5,051	5,262	5,648	6,001
45-64	841	1,050	1,243	1,429	1,631	1,977	2,372	2,891	3,421	3,822	4,168	4,516	4,966
65-74	19	27	40	55	75	109	156	204	307	415	554	684	882
75+	*	*	*	*	*	*	12	20	26	29	37	42	50
Male	1,893	2,309	2,721	3,041	3,397	3,873	4,493	5,222	5,775	6,046	6,377	6,825	7,314
Female	1,362	1,669	1,864	2,035	2,314	2,694	3,096	3,599	4,066	4,431	4,820	5,275	5,823
White	2,787	3,394	3,909	4,299	4,827	5,571	6,416	7,443	8,334	8,903	9,587	10,366	11,254
Black	424	535	612	698	792	884	1,037	1,202	1,299	1,325	1,320	1,389	1,498
Native American	20	19	28	30	35	37	45	56	60	65	73	79	89
Asian	24	30	36	49	57	75	91	120	148	184	217	266	296
†Hispanic													
†Non-Hispanic													
All	3,255	3,978	4,585	5,076	5,711	6,567	7,589	8,821	9,841	10,477	11,197	12,100	13,137
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0-19	1,274	1,345	1,364	1,463	1,529	1,544	1,631	1,738	1,713	1,704	1,680	1,579	1,618
20-29	1,860	1,937	1,833	1,922	2,006	2,054	2,064	2,179	2,158	2,229	2,260	2,129	2,200
30-39	2,911	3,082	3,120	3,247	3,381	3,443	3,584	3,686	3,789	3,903	3,925	3,867	3,960
40-49	3,166	3,398	3,549	3,843	4,044	4,241	4,523	4,865	5,166	5,432	5,748	5,821	6,028
50-59	2,730	3,011	3,126	3,372	3,672	4,141	4,533	5,003	5,383	5,782	6,226	6,495	7,185
60-64	1,112	1,197	1,216	1,282	1,430	1,529	1,698	1,891	2,078	2,236	2,503	2,714	2,930
65-69	824	991	1,085	1,256	1,396	1,580	1,707	1,867	2,009	2,210	2,432	2,717	2,991
70-79	332	408	529	639	780	926	1,107	1,273	1,505	1,715	1,971	2,212	2,498
80+	14	14	16	17	26	35	54	65	82	103	117	149	186
0-19	1,274	1,345	1,364	1,463	1,529	1,544	1,631	1,738	1,713	1,704	1,680	1,579	1,618
20-44	6,324	6,695	6,671	7,029	7,315	7,541	7,835	8,249	8,445	8,698	8,892	8,709	8,897
45-64	5,455	5,930	6,173	6,637	7,218	7,867	8,567	9,375	10,129	10,884	11,770	12,317	13,406
65-74	1,104	1,327	1,523	1,765	2,008	2,309	2,583	2,834	3,155	3,498	3,904	4,318	4,780
75+	66	86	107	147	194	232	285	371	441	530	616	760	895
Male	7,880	8,486	8,690	9,357	9,936	10,512	11,203	11,993	12,676	13,421	14,209	14,690	15,665
Female	6,343	6,897	7,148	7,684	8,328	8,981	9,698	10,574	11,207	11,893	12,653	12,993	13,931
White	12,173	13,169	13,501	14,538	15,524	16,542	17,675	19,063	20,184	21,389	22,692	23,337	24,826
Black	1,623	1,740	1,831	1,943	2,142	2,303	2,533	2,726	2,880	3,030	3,203	3,342	3,681
Native American	93	103	106	119	124	128	137	143	142	142	155	159	173
Asian	334	371	400	441	474	520	556	635	677	753	812	845	916
†Hispanic				1,335	1,487	1,616	1,817	2,006	4,344	2,362	2,560	2,608	2,782
†Non-Hispanic				15,729	16,802	17,901	19,112	20,591	43,488	22,984	24,340	25,149	26,951
All	14,223	15,383	15,838	17,041	18,264	19,493	20,901	22,567	23,883	25,314	26,862	27,683	29,596

Table H.28.4 (supplement)

**Annual mortality rates: transplant patients, unadjusted**

per 1,000 patient years at risk, period prevalent patients, 2005, by age as of January 1, gender, race, &amp; primary diagnosis

DIABETES	Male					Female					All				
	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All	White	Black	N Am	Asian	All
0-19	19.5	22.6	29.1	12.6	22.6	22.1	24.9	36.5	11.1	22.9	22.1	23	32.8	11.9	22.7
20-29	14.1	15.9	19	9.6	14.4	15.1	16.6	22.5	8	15.6	14.7	16.3	22.5	9.2	15.1
30-39	22.7	24.8	27.4	16	23	22.7	24.2	30.6	12.7	22.9	22.7	24.5	29	14	23
40-49	37.4	36.8	38.1	26.3	37.2	35	35.9	41.4	19.9	34.9	36.5	36.4	39.3	23.5	36.3
50-59	58.8	57.1	55.7	46	58.1	55.6	51.8	57	31.3	54.3	57.7	55	56.2	40.6	56.8
60-64	85.4	89.9	75.7	72.2	85.5	77.1	71.7	71.3	48.1	74.3	82.8	82.2	73.8	65.5	81.7
65-69	113.3	107.7	83.3	89.6	110.3	93.8	81.5	75	57.7	87.9	106.5	95.3	79.3	77	101.7
70-79	144.8	136.7	100.9	124.3	140.8	112.3	98.8	86.6	76.3	106.4	133.1	119.3	94.6	111.9	127.7
80+	272	235.3	163.5	240.7	265.4	199.9	168.1	133.4	137.5	187.4	258.4	235.3	133.4	214.9	250.6
All	61.4	68	64	68.9	62.7	51.9	56.2	63.1	40	52.7	57.9	62.9	63.6	58.4	58.9
<b>HYPERTENSION</b>															
0-19	7.5	10.5	13.7	2.6	7.5	9.2	12.5	18.5	2.5	10.3	8.3	11.6	18.5	2.6	8.8
20-29	6	8	9.7	2.2	6.8	6.9	9.1	12.4	2	7.4	6.3	8.3	10.6	2.1	7
30-39	10.6	13	15.1	3.9	11.6	11.5	14.4	18.2	3.4	12.4	10.9	13.4	16.4	3.7	11.9
40-49	18.1	22.6	23.2	7.2	20	18.2	22.8	26.7	5.7	19.6	18.2	22.7	23.9	6.5	19.8
50-59	31.8	39.5	36.8	13.1	34.8	32.6	36.2	39.7	10.1	33	32.1	38.4	37.8	11.8	34.2
60-64	54.2	60.1	54.1	22.6	54.9	48.1	54.8	55.8	16.3	48.8	51.9	58.2	54.5	20	52.7
65-69	67.9	79.7	65.2	31	69.3	61	69.5	62.9	21.4	61.3	65.4	75.4	63.9	27	66.2
70-79	105.8	110.5	84.1	48.2	104.6	86.7	91.2	78.3	30.7	85.2	99.3	101.3	81.9	40.1	97.2
80+	201.5	215.1	149.8	98.5	198	162.4	165	131.1	60.5	162.9	190.3	192	140.5	98.5	187.4
All	49	40	38.6	18.8	43.8	44.3	41.8	42.3	13	41.3	47.4	40.6	39.9	16.3	43
<b>GLOMERULONEPHRITIS</b>															
0-19	6.4	7.5	10.1	3.6	6.7	7.3	8.3	12.7	3.2	7.5	6.9	7.8	12	3.4	7.1
20-29	5.2	5.8	7.3	3.1	5.3	5.6	6.1	8.7	2.6	5.6	5.4	6	8.2	2.8	5.4
30-39	9.1	9.9	11.6	5.7	9.1	9.5	9.8	13	4.4	9.2	9.2	9.8	12.2	5.1	9.1
40-49	15.9	17.2	18.3	10.4	15.9	15.4	16.2	19.6	7.6	14.9	15.8	16.8	18.9	9	15.5
50-59	30.5	30	29.3	19.3	29.8	27	26.6	29.5	13.6	25.6	29.3	28.7	29.4	16.4	28.2
60-64	51.7	49.9	44.3	33.9	50.3	41.9	40.6	42.1	23	40.4	48.5	46.2	43.3	29.9	46.9
65-69	64.1	62.9	53.8	48.4	63	56.5	49.4	48.7	30.6	53.2	61.6	57.6	52.2	39.8	59.6
70-79	97	89.2	71.4	76.3	95.5	77.2	69.2	61.2	45.4	74.5	89.9	80.6	67.2	61.6	87.7
80+	202.1	177.7	129	158.2	198.2	153.6	126.3	105	90.1	148.2	183.9	149.2	129	131	178.9
All	33.4	24.2	26.4	20.2	31	27.7	20.8	21.8	13.1	25	31.4	22.8	24.3	16.7	28.7
<b>OTHER</b>															
0-19	8.4	11.7	18.6	6.4	9	9.5	12.4	22.4	5.4	9.9	8.8	11.9	20.2	5.8	9.3
20-29	6.6	8.9	12.8	5.1	6.8	7	8.9	14.7	4.1	7.2	6.7	8.9	14.2	4.6	7
30-39	11.3	14.5	19.5	9.1	11.8	11.4	14	21.1	7	11.7	11.4	14.2	20.2	7.8	11.7
40-49	18.5	24.1	29.5	15.9	19.1	17.8	21.6	30.5	11.5	18.3	18.2	22.6	30	13.4	18.7
50-59	32.7	37.9	45.1	28.7	33.2	28.4	32.8	44	19.4	28.8	30.7	34.9	44.6	23.8	31.1
60-64	55.7	60.7	65.4	47.9	56	42.8	48.8	60.3	31.6	43.2	49.8	54.3	62.8	38.8	50
65-69	70.3	76	76.7	66.3	70.7	54.1	59	66.6	40.4	54.3	62.5	68.2	70.4	55.1	62.9
70-79	100.5	104.7	96.5	99.2	100.7	79.2	77.4	81.1	57.1	78.5	90.7	92	91.9	77.3	90.6
80+	194.3	197.9	168.7	198.6	194.7	136.1	137.8	132.6	108.6	135.4	169.5	178.2	150.7	158.6	169.8
All	37.1	35.3	42.4	30.4	36.7	31.2	28.1	38.5	17.8	30.3	34.4	31.3	40.5	23.5	33.7
<b>ALL</b>															
0-19	8	10.7	16.5	5.4	8.6	8.8	10.9	17.4	4.9	9.2	8.3	10.7	17	5.1	8.8
20-29	6.3	7.6	9.2	4	6.5	7	8.4	11.7	3.3	7.2	6.6	8	10.9	3.6	6.8
30-39	13.4	13.8	16.3	6.5	13.3	14	14.5	18.5	5.7	13.7	13.7	14.1	17.3	6.1	13.5
40-49	24.6	23.6	28.5	12.7	24	23.1	22.9	28.9	9.4	22.4	24	23.3	28.6	11	23.4
50-59	41	41.9	46.7	25.5	40.6	36.3	37.4	47.9	16.8	35.7	39.2	40.1	47.2	21.4	38.7
60-64	63.9	68.5	67.2	46.1	64.1	51.6	57.6	64.5	28.8	52.1	59.3	64	66.1	39.4	59.5
65-69	79.4	85.9	77.1	57.5	79.4	64.1	70.1	70.5	36	63.9	73.4	79	73.9	48.1	73.1
70-79	109	114.9	93	91.1	108.9	85.5	88.5	80.5	49.4	84.6	99.8	102.6	87.9	73.8	99.1
80+	205.7	206.6	129	161.9	203.6	149.8	148.6	133.4	107	148.4	185.9	182.5	130.3	147.1	183.9
All	44.6	41.5	47.8	31.2	43.5	36.9	36.7	44.6	17.7	36	41.5	39.5	46.4	24.9	40.5

Table H.29.1 (supplement)

**Mortality rates by primary cause of mortality, diabetic patients, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

	ESRD							DIALYSIS						
	Male	Female	White	Black	N. Am.	Asian	All	Male	Female	White	Black	N. Am.	Asian	All
Acute myocardial infarction	18.7	18	20	15.3	14.3	18.8	18.3	21.6	19.8	23.8	16.1	15	20	20.7
Hyperkalemia	1.9	2.6	2.7	1.4	2.1	2.2	2.2	2.4	2.9	3.4	1.5	2.3	2.5	2.7
Pericarditis	0.2	0.2	0.2	0.3		0.1	0.2	0.2	0.3	0.2	0.3		0.1	0.2
Atherosclerotic heart disease	6	6.4	7.3	4.3	3	7.2	6.2	7.3	7.3	9.1	4.6	3.5	8	7.3
Cardiomyopathy	7.2	5.8	7.9	4.1	6.3	4.8	6.5	8.8	6.6	9.9	4.5	7	5.4	7.7
Cardiac arrhythmia	8.7	9	9.9	7.2	6.5	8.1	8.8	10.6	10.2	12.2	7.8	7.2	9	10.4
Cardiac arrest	53	55.6	56.8	50.8	37.1	53.8	54.3	64.4	63.3	70.7	55	42.2	59.3	63.9
Valvular heart disease	0.7	0.9	0.9	0.6	0.5	0.8	0.8	0.9	1	1.1	0.7	0.6	0.9	0.9
Pulmonary edema	1.6	1.5	1.9	1	1.7	1.3	1.6	1.9	1.8	2.3	1.1	2	1.4	1.8
Congestive heart failure	2.3	2.4	2.9	1.7	1.3	1.6	2.4	2.8	2.7	3.5	1.8	1.5	1.7	2.8
Aids	0.1	<0.05	<0.05	0.2			0.1	0.1	0.1	<0.05	0.2			0.1
Cachexia	2.3	2.8	3	1.9	1.5	1.6	2.6	2.8	3.2	3.8	2.1	1.7	1.8	3
Cerebrovascular disease	9.8	12.5	11.3	10.9	9.5	12.1	11.1	11.5	14	13.5	11.7	10.6	13.3	12.8
GI hemorrhage	1.1	1.4	1.3	1.1	0.9	1.3	1.3	1.4	1.5	1.6	1.1	1	1.4	1.4
Other hemorrhage	1.4	1.7	1.4	1.6	1.5	2.4	1.5	1.6	1.9	1.7	1.8	1.6	2.7	1.7
Septicemia	23.1	28.9	25.7	27	21	19.4	25.9	27.6	32.7	31.4	29.1	22.9	21.2	30.1
Pulmonary infection	4.9	4	5	3.1	4.6	5.9	4.4	5.6	4.3	6	3.3	4.6	6.1	5
Viral infection	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.2	0.1	0.5	0.2
Other infection	1.9	2.5	2.4	1.7	3	1.4	2.2	2.2	2.8	2.9	1.8	3.3	1.5	2.5
Malignant disease	6	4.9	5.8	5.1	3.5	5.1	5.5	6.7	5.3	6.6	5.4	3.5	5.6	6
Withdrawal from dialysis/urem	5.5	7.6	8.2	3.7	6.1	4.1	6.5	6.7	8.7	10.2	4.1	6.9	4.5	7.7
Other cause	61.6	67.4	69.5	58.2	53	42.8	64.4	67.5	72.7	78.9	59.9	55.8	43.6	70.1
Unknown cause		<0.05	<0.05				<0.05		<0.05	<0.05				<0.05
All	218.3	236.5	244.3	201.2	177.7	195.2	226.9	254.8	263.4	293.2	214	193.2	210.3	259.1
Years at risk	221,866	201,570	258,058	134,294	9,917	16,736	423,436	179,599	175,508	204,352	122,694	8,694	15,082	355,107
Patients	275,407	251,788	326,225	163,187	11,806	20,446	527,195	231,436	224,753	270,375	151,159	10,538	18,736	456,189

  

	HEMODIALYSIS							CAPD/CCPD						
	Male	Female	White	Black	N. Am.	Asian	All	Male	Female	White	Black	N. Am.	Asian	All
Acute myocardial infarction	21.3	19.6	23.4	16.1	14.5	19.5	20.5	26	24.2	27.8	16.8	20.7	26.5	25.1
Hyperkalemia	2.5	2.9	3.5	1.5	2.3	2.7	2.7	1.2	3	2.4	1.7	1.9		2.1
Pericarditis	0.2	0.2	0.2	0.3		0.1	0.2	0.2	0.3	0.2	0.2			0.3
Atherosclerotic heart disease	7.3	7.2	9	4.6	3.3	7.9	7.2	8	9.2	10	4.6	5.7	9.9	8.6
Cardiomyopathy	8.6	6.5	9.8	4.4	6.6	5.5	7.6	11	7.7	10.8	6.1	11.3	4.1	9.5
Cardiac arrhythmia	10.4	10.2	12.2	7.8	6.9	8.7	10.3	13	10	12.9	7.8	13.2	11.6	11.6
Cardiac arrest	64.9	64.2	71.7	55.3	43.3	61.7	64.6	61.1	51	61.4	49.1	26.4	33.2	56.4
Valvular heart disease	0.9	1	1.2	0.7	0.5	1	1	1.1	0.5	1	0.2	1.9		0.8
Pulmonary edema	1.9	1.8	2.4	1.1	2.1	1.4	1.9	1.6	1.9	2.1	0.8		1.7	1.8
Congestive heart failure	2.8	2.8	3.6	1.8	1.6	1.7	2.8	2.7	2.6	3	1.9		1.7	2.6
Aids	0.1	0.1	<0.05	0.2			0.1	0.1						<0.05
Cachexia	2.8	3.1	3.7	2	1.2	1.6	3	3.4	4.9	4.4	2.7	9.4	4.1	4.1
Cerebrovascular disease	11.6	13.9	13.5	11.7	10.7	13.6	12.8	10.7	15.2	13.7	11.3	7.5	9.9	12.8
GI hemorrhage	1.4	1.5	1.6	1.2	1.1	1.4	1.5	1.3	1.4	1.6	0.6		1.7	1.3
Other hemorrhage	1.7	2	1.8	1.8	1.6	2.9	1.8	0.8	0.5	0.7	0.8	1.9		0.7
Septicemia	27.2	32.2	31	28.8	22.1	20.8	29.7	32.9	40.7	37.3	36.3	33.9	24.9	36.5
Pulmonary infection	5.8	4.4	6.2	3.3	4.8	6.1	5.1	3.8	3.3	3.9	2.1	1.9	5.8	3.6
Viral infection	0.2	0.2	0.2	0.2	0.1	0.4	0.2	0.3	0.1	0.2	0.2		0.8	0.2
Other infection	2	2.5	2.7	1.7	2.7	1.4	2.3	4.3	7	5.7	5	13.2	2.5	5.5
Malignant disease	7	5.4	6.9	5.5	3.6	5.8	6.2	3.9	3.3	3.8	3.4	1.9	3.3	3.6
Withdrawal from dialysis/urem	6.8	8.8	10.4	4.2	6.6	4.7	7.8	6.1	7.5	8.3	2.3	11.3	2.5	6.7
Other cause	67.5	73.1	79.5	60	55.4	44.1	70.3	63	62.6	67.4	56.7	52.8	34.8	62.8
Unknown cause		<0.05	<0.05				<0.05							
All	254.8	263.8	294.7	214.2	191	212.9	259.3	256.5	256.9	278.8	210.5	214.9	179	256.7
Years at risk	166,108	163,973	186,869	117,241	8,153	13,845	330,081	12,821	10,970	16,520	5,236	530	1,207	23,791
Patients	213,552	209,469	246,734	144,254	9,858	17,195	423,021	16,653	14,247	21,858	6,531	653	1,483	30,900

  

	TRANSPLANT						
	Male	Female	White	Black	N. Am.	Asian	All
Acute m. i.	6.2	5.4	5.6	6.6	9.8	7.9	5.9
Hyperkalemia	0.1	0.2	0.2		0.8		0.1
Pericarditis							
Atherosclerotic h. d.	0.4	0.6	0.5	0.4			0.5
Cardiomyopathy	0.5	0.3	0.5	0.4	0.8		0.5
Cardiac arrhythmia	0.9	0.6	0.8	0.7	0.8		0.8
Cardiac arrest	4.6	3.9	4	6.5	0.8	4.2	4.4
Valvular heart dis.	0.1	<0.05	0.1	0.1			0.1
Pulmonary edema	0.2		0.1				0.1
Congestive heart failure	0.3	0.4	0.4	0.3			0.4
Aids							
Cachexia	0.1	<0.05	0.1				0.1
Cerebro-vascular dis.	2.6	2.5	2.7	2.3	1.6	1.2	2.6
g.i. hemorrhage	0.2	0.3	0.2	0.3		0.6	0.2
Other hemorrhage	0.4	0.1	0.3	0.2	0.8		0.3
Septicemia	4.2	3.8	3.9	4.6	7.4	3.6	4.1
Pulmonary infection	1.7	1.4	1.5	1.4	4.9	3.6	1.6
Viral infection	0.2	<0.05	0.1	0.1	0.8		0.1
Other infection	0.6	0.7	0.6	0.9	0.8	0.6	0.6
Malignant disease	2.8	2.5	2.8	1.9	4.1	1.2	2.6
Withdrawal from dialysis/urem	0.3	0.3	0.3	0.1			0.3
Other cause	36.7	31.7	33.8	39.4	33.5	35.1	34.8
Unknown cause							
All	63	54.9	58.5	66.1	67	58	59.9
Years at risk	42,268	26,062	53,706	11,600	1,223	1,654	68,330
Patients	43,971	27,035	55,850	12,028	1,268	1,710	71,006

Table H.29.2 (supplement)  
**Mortality rates by primary cause of mortality, non-diabetic patients, unadjusted**  
*rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

	ESRD							DIALYSIS						
	Male	Female	White	Black	N. Am.	Asian	All	Male	Female	White	Black	N. Am.	Asian	All
Acute myocardial infarction	10.3	8.8	10.8	8.1	7.5	6.6	9.7	13.6	11.5	15.4	9.3	9.5	9.3	12.7
Hyperkalemia	1.5	1.7	2.1	0.9	1.4	0.7	1.6	2.2	2.4	3.2	1.1	2	1.1	2.2
Pericarditis	0.2	0.2	0.1	0.2	0.2	<0.05	0.2	0.3	0.2	0.2	0.3	0.3	0.1	0.2
Atherosclerotic heart disease	3.6	3.5	4.4	2.3	1.6	2	3.6	5	4.8	6.6	2.8	2.3	2.9	4.9
Cardiomyopathy	5.9	4.1	6.5	3.2	1.6	2.9	5.1	8.2	5.6	9.8	3.8	2.3	4.2	7.1
Cardiac arrhythmia	6.2	5.4	6.7	4.8	3.8	3.5	5.8	8.5	7.3	9.9	5.8	5.5	5.1	8
Cardiac arrest	34.4	34.4	36.1	33.2	23.6	23.9	34.4	47.7	46.9	54.2	39.8	33.4	34.9	47.3
Valvular heart disease	0.9	1	1.1	0.7	1.2	0.4	0.9	1.3	1.3	1.7	0.9	1.7	0.5	1.3
Pulmonary edema	1	1.2	1.3	0.7	0.2	0.7	1	1.3	1.6	1.9	0.8	0.3	1	1.4
Congestive heart failure	1.7	1.7	2.2	0.9	1.6	1	1.7	2.2	2.3	3.2	1.1	2.3	1.5	2.3
Aids	0.5	0.3	0.1	1	.	.	0.4	0.7	0.4	0.1	1.2	.	.	0.6
Cachexia	2	2.8	3	1.4	1.6	1.3	2.3	2.7	3.8	4.5	1.6	2.3	1.8	3.2
Cerebrovascular disease	5.4	7.6	6.5	6.2	3.4	5.2	6.3	7.2	10	9.4	7.3	4.3	7.5	8.4
GI hemorrhage	1.2	1.2	1.2	1.2	2	1	1.2	1.6	1.5	1.7	1.4	2.9	1.5	1.6
Other hemorrhage	1.7	2	1.8	2	1.2	1.8	1.8	2.3	2.7	2.6	2.3	1.7	2.6	2.5
Septicemia	13.3	16.1	14.7	14.5	9.7	10.7	14.5	17.8	21.2	21.2	17	12.4	15.1	19.3
Pulmonary infection	4.2	3.5	4.8	2.3	3.6	3.4	3.9	5.5	4.6	6.9	2.6	5.2	4.8	5.1
Viral infection	0.3	0.2	0.3	0.2	.	0.4	0.2	0.3	0.2	0.3	0.2	.	0.4	0.3
Other infection	1.6	1.8	1.8	1.6	1.8	0.9	1.7	2.1	2.4	2.6	1.8	2.6	1.2	2.2
Malignant disease	9.1	7.7	10.2	6.1	5.6	4.6	8.5	11.5	9.7	13.9	7	7.5	6.2	10.7
Withdrawal from dialysis/uremia	4.4	5.7	6.9	1.9	4.4	1.7	4.9	6.1	7.9	10.6	2.3	6.3	2.4	6.9
Other cause	49.3	51.8	56.1	43.5	40.3	29.1	50.4	60.9	64.7	74.9	48.9	47.5	37.2	62.5
Unknown cause	.	<0.05	<0.05	<0.05	.	.	<0.05	.	<0.05	<0.05	<0.05	.	.	<0.05
All	158.6	162.5	178.7	137	116.6	101.8	160.3	209.1	212.9	255	159.2	152.4	141.2	210.7
Years at risk	388,707	284,330	402,917	232,427	4,958	28,398	673,037	275,523	205,782	263,219	191,399	3,472	19,303	481,305
Patients	456,922	335,520	482,589	267,079	5,625	32,030	792,442	340,524	254,921	338,657	225,223	4,102	22,790	595,445

  

	HEMODIALYSIS							CAPD/CCPD							
	Male	Female	White	Black	N. Am.	Asian	All	Male	Female	White	Black	N. Am.	Asian	All	
Acute myocardial infarction	13.7	12.1	15.9	9.6	10.5	10	13	13.1	7.1	12.3	6.4	2.4	5.2	10.1	
Hyperkalemia	2.3	2.5	3.5	1.1	2.3	1.1	2.4	0.8	0.9	1.1	0.4	.	1.2	0.9	
Pericarditis	0.2	0.2	0.2	0.3	0.3	.	0.2	0.3	0.1	0.1	0.4	.	0.4	0.2	
Atherosclerotic heart disease	5.1	5.1	7	3	2.6	3.2	5.1	4.1	2.3	4.3	1.4	.	0.8	3.2	
Cardiomyopathy	8	5.7	9.7	3.9	2.6	4.6	7	10.5	4.8	10.6	2.9	.	2	7.7	
Cardiac arrhythmia	8.7	7.6	10.4	5.9	5.6	5.4	8.3	7.4	4.2	6.7	4.4	4.8	2.8	5.8	
Cardiac arrest	49.4	49.8	57.4	41.1	36.9	37.8	49.6	32.4	25.1	32.7	23.3	9.6	16.9	28.8	
Valvular heart disease	1.3	1.4	1.7	0.9	2	0.6	1.3	1.8	0.9	1.8	0.7	.	.	1.4	
Pulmonary edema	1.4	1.7	2	0.8	0.3	1.1	1.5	1	0.9	1.3	0.6	.	1	1	
Congestive heart failure	2.3	2.5	3.3	1.1	2.6	1.5	2.3	1.7	1.2	2	0.4	.	1.2	1.4	
Aids	0.7	0.4	0.1	1.3	.	.	0.6	0.4	0.2	0.1	0.9	.	.	0.3	
Cachexia	2.7	3.9	4.5	1.7	2.3	1.9	3.2	3.2	3.2	4.3	1.2	2.4	1.2	3.2	
Cerebrovascular disease	7.4	10.4	9.7	7.4	4.9	8.3	8.7	5.4	7.1	7.3	5.3	.	2	6.3	
GI hemorrhage	1.6	1.7	1.8	1.4	3.3	1.6	1.7	1.4	0.7	1.2	0.9	.	0.4	1.1	
Other hemorrhage	2.5	2.9	2.8	2.4	1.6	3	2.6	1.4	1.1	1.2	1.5	2.4	0.4	1.2	
Septicemia	17.8	21.3	21.3	17	12.5	15.5	19.3	18.5	21	21.8	16.7	12	12.4	19.8	
Pulmonary infection	5.8	4.8	7.4	2.7	5.3	5.1	5.3	3	3.1	3.9	1.4	4.8	2.4	3.1	
Viral infection	0.3	0.3	0.4	0.2	.	0.4	0.3	0.1	0.1	0.1	0.1	.	.	0.1	
Other infection	1.9	2.1	2.3	1.6	2	1.1	2	4.6	4.7	5.2	4.2	7.2	1.2	4.7	
Malignant disease	12	10.2	14.7	7.3	7.6	6.5	11.2	7.4	6.1	8.9	2.7	7.2	4	6.7	
Withdrawal from dialysis/uremia	6.4	8.3	11.2	2.4	6.6	2.7	7.2	3.6	4.6	5.7	1.2	4.8	0.8	4.1	
Other cause	61.9	67.2	77.7	49.7	48.8	39	64.2	43.6	39.9	47.1	34.5	40.8	23.3	41.8	
Unknown cause	.	<0.05	<0.05	<0.05	.	.	<0.05	.	.	.	.	.	.	.	.
All	213.3	222.1	265.1	162.8	160.9	150.5	217	165.8	139.4	179.6	111.4	98.4	78.7	152.8	
Years at risk	250,716	182,194	231,855	177,863	3,033	16,728	432,910	22,777	22,232	28,779	12,867	417	2,490	45,009	
Patients	309,526	226,416	298,962	209,459	3,593	19,842	535,942	27,530	26,170	35,129	14,727	475	2,825	53,700	

  

	TRANSPLANT						
	Male	Female	White	Black	N. Am.	Asian	All
Acute m. i.	2.4	1.6	2.1	2.3	2.7	0.8	2.1
Hyperkalemia	<0.05	0.1	0.1	<0.05	.	.	<0.05
Pericarditis	<0.05	<0.05	<0.05	<0.05	.	.	<0.05
Atherosclerotic h. d.	0.2	0.1	0.2	<0.05	.	0.1	0.2
Cardiomyopathy	0.4	0.2	0.3	0.4	.	0.1	0.3
Cardiac arrhythmia	0.5	0.4	0.5	0.4	.	0.1	0.4
Cardiac arrest	2	1.8	2	2.3	0.7	0.5	2
Valvular heart dis.	0.1	0.1	0.1	0.1	.	.	0.1
Pulmonary edema	0.1	0.1	<0.05	0.1	.	.	0.1
Congestive heart failure	0.3	0.2	0.3	0.1	.	.	0.3
Aids	.	.	.	.	.	.	.
Cachexia	0.2	0.3	0.2	0.1	.	0.2	0.2
Cerebro-vascular dis.	1.1	1.1	1	1.4	1.3	0.5	1.1
g.i. hemorrhage	0.1	0.1	0.1	0.1	.	0.1	0.1
Other hemorrhage	0.2	0.2	0.2	0.3	.	0.1	0.2
Septicemia	2.3	2.6	2.3	3	3.4	1.3	2.4
Pulmonary infection	1	0.6	0.9	0.7	.	0.5	0.8
Viral infection	0.2	0.1	0.1	<0.05	.	0.3	0.1
Other infection	0.5	0.4	0.4	0.5	.	0.3	0.4
Malignant disease	3.2	2.5	3.3	2.2	1.3	1.3	3
Withdrawal from dialysis/uremia	0.1	0.1	0.1	0.1	.	0.1	0.1
Other cause	21.1	18.1	20.7	18.7	23.5	11.8	19.9
Unknown cause	.	.	.	.	.	.	.
All	35.9	30.6	35	33.1	33	18.4	33.8
Years at risk	113,184	78,548	139,698	41,028	1,486	9,095	191,732
Patients	116,398	80,599	143,932	41,856	1,523	9,240	196,997

Table H.a.1 (supplement)

**Mortality rates by specific cause of mortality: ESRD patients, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

	0-19	20-44	45-64	65+	All
Myocardial Infarction, Acute	0.4	3.1	10.3	21.1	13
Pericarditis, Incl. Cardiac Tamponade	.	0.1	0.2	0.2	0.2
Atherosclerotic Heart Disease	0.1	0.6	2.5	8.9	4.6
Cardiomyopathy	0.5	1	3	11	5.7
Cardiac Arrhythmia	0.4	2	5	11.7	7
Cardiac Arrest, Cause Unknown	3.5	13.1	29.8	70.4	41.9
Valvular Heart Disease	.	0.3	0.6	1.5	0.9
Pulmonary Edema Due To Exogenous Fluid	0.2	0.4	0.7	2.2	1.2
Congestive Heart Failure	0.1	0.2	1	3.9	2
Pulmonary Embolus	0.3	0.4	0.5	0.9	0.6
Cerebro-Vascular Accident Including Intracranial Hemorrhage	0.9	2.1	5.1	11.4	6.9
Ischemic Brain Damage/Anoxic Encephalopathy	.	0.7	1.1	1.7	1.2
Hemorrhage From Transplant Site	.	<0.05	<0.05	<0.05	<0.05
Hemorrhage From Vascular Access	0.1	0.2	0.3	0.6	0.4
Hemorrhage From Dialysis Circuit	.	.	<0.05	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	.	0.1	0.2	0.7	0.4
Hemorrhage From Surgery (Not 38,39 Or 40)	.	0.1	0.1	0.2	0.1
Other Hemorrhage (Not Codes 38-42,72)	0.4	0.3	0.6	1.1	0.7
Mesenteric Infarction/Ischemic Bowel	0.1	0.2	0.7	2	1.1
Septicemia, Due To Vascular Access	0.2	0.8	2	4.1	2.6
Peritoneal access infectious complication, bacterial	.	<0.05	0.1	0.1	0.1
Fungal Peritonitis	0.1	<0.05	0.1	0.1	0.1
Peritonitis (complication of peritoneal dialysis)	0.2	<0.05	0.1	0.2	0.1
Central nervous system infection (brain abscess, meningitis, encephalitis, etc)	.	0.1	0.1	0.1	0.1
Septicemia, Due To Peritonitis	0.5	0.4	0.6	0.9	0.7
Septicemia, Due To Peripheral Vascular Disease and Gangrene	0.2	0.8	3.2	6.7	4.1
Septicemia, Other	2	4	8.9	18.2	11.5
Pulmonary Infection (Bacterial)	0.1	0.3	0.9	3.4	1.8
Pulmonary Infection (Fungal)	.	<0.05	0.1	0.1	0.1
Pulmonary Infection (Other)	0.2	0.1	0.2	0.9	0.5
Pulmonary infection (pneumonia, influenza)	0.3	0.4	1	3.4	1.8
Tuberculosis	.	<0.05	<0.05	<0.05	<0.05
Viral Infection, Cmv	.	<0.05	<0.05	<0.05	<0.05
Viral Infection, Other (Not 64 Or 65)	.	<0.05	<0.05	0.1	0.1
Aids	0.1	0.7	0.3	<0.05	0.3
Infection, Other	0.3	0.2	0.5	0.9	0.6
Cardiac infection (endocarditis)	.	0.2	0.3	0.5	0.3
Abdominal infection (peritonitis (not comp of PD), perforated bowel, diverticular disease, gallbladder)	0.1	0.2	0.3	0.8	0.5
Genito-urinary infection (urinary tract infection, pyelonephritis, renal abscess)	.	<0.05	<0.05	0.2	0.1
Hepatitis B	.	<0.05	<0.05	<0.05	<0.05
Hepatitis C	.	<0.05	0.1	<0.05	<0.05
Other Viral Hepatitis	.	<0.05	0.1	<0.05	0.1
Liver-Drug Toxicity	.	.	<0.05	<0.05	<0.05
Cirrhosis	.	0.2	0.7	0.7	0.6
Polycystic Liver Disease	.	<0.05	<0.05	<0.05	<0.05
Liver Failure, Cause Unknown Other	0.2	0.3	0.8	0.6	0.6
Gastro-Intestinal Hemorrhage	0.3	0.3	0.8	2.1	1.2
Pancreatitis	0.2	0.1	0.1	0.2	0.1
Perforation Of Peptic Ulcer	.	<0.05	<0.05	0.1	<0.05
Perforation Of Bowel (Not 75)	0.2	0.1	0.3	0.7	0.4
Hyperkalemia	0.2	0.8	1.1	3.2	1.9
Hypokalemia	.	<0.05	<0.05	<0.05	<0.05
Hypnatremia	.	.	<0.05	<0.05	<0.05
Hyponatremia	.	.	<0.05	<0.05	<0.05
Diabetic Coma, Hyperglycemia and Hypoglycemia	.	0.5	0.5	0.3	0.4
Acidosis	.	<0.05	<0.05	0.1	<0.05
Adrenal insufficiency	.	.	<0.05	<0.05	<0.05
Hypothyroidism	.	.	<0.05	<0.05	<0.05
Hyperthyroidism	.	.	.	<0.05	<0.05
Bone Marrow Depression	0.1	<0.05	0.1	0.1	0.1
Cachexia	0.1	0.3	1	5.1	2.4
Malignant Disease, Patient Ever On Immunosuppressive Therapy	0.3	0.4	2	3.9	2.4
Malignant Disease (Not 82)	0.3	0.6	3	9.3	4.9
Dementia, Incl. Dialysis Dementia and Alzheimers	.	<0.05	0.2	1.6	0.7
Seizures	0.4	0.3	0.3	0.2	0.3
Chronic Obstructive Lung Disease (Copd)	.	<0.05	0.5	1.8	0.9
Complications Of Surgery	0.3	0.2	0.5	1.1	0.7
Air Embolism	.	<0.05	<0.05	<0.05	<0.05
Accident Related To Treatment	.	<0.05	<0.05	<0.05	<0.05
Accident Unrelated To Treatment	0.5	0.5	0.6	1.1	0.8

Table H.a.1 (supplement)

**Mortality rates by specific cause of mortality: ESRD patients, unadjusted***rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

	<b>0-19</b>	<b>20-44</b>	<b>45-64</b>	<b>65+</b>	<b>All</b>
Suicide	0.1	0.1	0.1	0.2	0.1
Drug Overdose (Street Drugs)	.	0.2	0.1	<0.05	0.1
Drug Overdose (Not 92 Or 93)	.	0.1	<0.05	<0.05	<0.05
Withdrawal from dialysis/uremia	0.5	0.6	2.4	11.5	5.5
Other Identified Cause Of Death - Please Specify	7.5	16.1	34.6	79.9	48.2
Unknown	.	.	<0.05	<0.05	<0.05
All Cause	22.2	55.3	130.6	314.5	185.8
Years at risk	11,759	209,827	456,751	423,309	1,101,646
Patients	13,083	230,166	529,615	553,195	1,326,059

Table H.a.2 (supplement)

**Mortality rates by specific cause of mortality: dialysis patients, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

	0-19	20-44	45-64	65+	All
Myocardial Infarction, Acute	0.9	4.5	13	22.9	16.1
Pericarditis, Incl. Cardiac Tamponade	.	0.2	0.2	0.2	0.2
Atherosclerotic Heart Disease	0.2	0.9	3.3	9.9	5.9
Cardiomyopathy	0.9	1.6	4	12.2	7.3
Cardiac Arrhythmia	0.9	3.1	6.8	13	9
Cardiac Arrest, Cause Unknown	7	21	40.4	78.4	54.4
Valvular Heart Disease	.	0.4	0.8	1.7	1.2
Pulmonary Edema Due To Exogenous Fluid	0.2	0.6	1	2.5	1.6
Congestive Heart Failure	0.2	0.4	1.3	4.3	2.5
Pulmonary Embolus	0.8	0.5	0.6	0.9	0.8
Cerebro-Vascular Accident Including Intracranial Hemorrhage	1.5	3.1	6.5	12.5	8.7
Ischemic Brain Damage/Anoxic Encephalopathy	.	1	1.5	1.9	1.6
Hemorrhage From Transplant Site	.	<0.05	<0.05	<0.05	<0.05
Hemorrhage From Vascular Access	0.2	0.3	0.4	0.7	0.5
Hemorrhage From Dialysis Circuit	.	.	<0.05	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	.	0.2	0.3	0.7	0.5
Hemorrhage From Surgery (Not 38,39 Or 40)	.	0.1	0.1	0.2	0.2
Other Hemorrhage (Not Codes 38-42,72)	0.9	0.5	0.8	1.2	0.9
Mesenteric Infarction/Ischemic Bowel	0.2	0.4	1	2.2	1.4
Septicemia, Due To Vascular Access	0.4	1.4	2.7	4.6	3.4
Peritoneal access infectious complication, bacterial	.	<0.05	0.1	0.1	0.1
Fungal Peritonitis	0.2	0.1	0.1	0.1	0.1
Peritonitis (complication of peritoneal dialysis)	0.4	0.1	0.1	0.2	0.2
Central nervous system infection (brain abscess, meningitis, encephalitis, etc)	.	0.1	0.1	0.2	0.1
Septicemia, Due To Peritonitis	1.1	0.6	0.8	1	0.9
Septicemia, Due To Peripheral Vascular Disease and Gangrene	0.4	1.2	4.3	7.5	5.3
Septicemia, Other	3.2	6.1	11.4	19.8	14.4
Pulmonary Infection (Bacterial)	0.2	0.4	1.1	3.7	2.2
Pulmonary Infection (Fungal)	.	<0.05	0.1	0.1	0.1
Pulmonary Infection (Other)	0.4	0.2	0.3	1	0.6
Pulmonary infection (pneumonia, influenza)	0.2	0.6	1.2	3.7	2.2
Tuberculosis	.	<0.05	<0.05	<0.05	<0.05
Viral Infection, Cmv	.	.	<0.05	<0.05	<0.05
Viral Infection, Other (Not 64 Or 65)	.	<0.05	<0.05	0.1	0.1
Aids	0.2	1.1	0.4	<0.05	0.4
Infection, Other	0.4	0.3	0.6	1	0.7
Cardiac infection (endocarditis)	.	0.3	0.4	0.5	0.4
Abdominal infection (peritonitis (not comp of PD), perforated bowel, diverticular disease, gallbladder)	0.2	0.2	0.4	0.8	0.6
Genito-urinary infection (urinary tract infection, pyelonephritis, renal abscess)	.	<0.05	0.1	0.2	0.1
Hepatitis B	.	<0.05	<0.05	<0.05	<0.05
Hepatitis C	.	<0.05	0.1	<0.05	0.1
Other Viral Hepatitis	.	<0.05	0.1	<0.05	0.1
Liver-Drug Toxicity	.	.	<0.05	<0.05	<0.05
Cirrhosis	.	0.3	0.9	0.7	0.7
Polycystic Liver Disease	.	<0.05	<0.05	<0.05	<0.05
Liver Failure, Cause Unknown Other	0.4	0.5	1	0.7	0.8
Gastro-Intestinal Hemorrhage	0.6	0.4	1	2.4	1.5
Pancreatitis	0.2	0.2	0.2	0.2	0.2
Perforation Of Peptic Ulcer	.	<0.05	<0.05	0.1	0.1
Perforation Of Bowel (Not 75)	.	0.2	0.4	0.8	0.6
Hyperkalemia	0.4	1.3	1.6	3.6	2.4
Hypokalemia	.	<0.05	<0.05	<0.05	<0.05
Hypernatremia	.	.	<0.05	<0.05	<0.05
Hyponatremia	.	.	<0.05	<0.05	<0.05
Diabetic Coma, Hyperglycemia and Hypoglycemia	.	0.8	0.5	0.3	0.5
Acidosis	.	<0.05	<0.05	0.1	0.1
Adrenal insufficiency	.	.	<0.05	<0.05	<0.05
Hypothyroidism	.	.	<0.05	<0.05	<0.05
Hyperthyroidism	.	.	.	<0.05	<0.05
Bone Marrow Depression	0.2	<0.05	0.1	0.1	0.1
Cachexia	.	0.4	1.3	5.6	3.1
Malignant Disease, Patient Ever On Immunosuppressive Therapy	0.4	0.5	2	3.8	2.6
Malignant Disease (Not 82)	0.6	0.8	3.8	10.1	6.2
Dementia, Incl. Dialysis Dementia and Alzheimers	.	<0.05	0.2	1.8	0.9
Seizures	0.9	0.4	0.3	0.2	0.3
Chronic Obstructive Lung Disease (Copd)	.	0.1	0.7	2	1.2
Complications Of Surgery	0.6	0.4	0.7	1.2	0.9
Air Embolism	.	<0.05	<0.05	<0.05	<0.05
Accident Related To Treatment	.	<0.05	<0.05	<0.05	<0.05
Accident Unrelated To Treatment	0.4	0.7	0.8	1.2	0.9

Table H.a.2 (supplement)

**Mortality rates by specific cause of mortality: dialysis patients, unadjusted***rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

	<b>0-19</b>	<b>20-44</b>	<b>45-64</b>	<b>65+</b>	<b>All</b>
Suicide	.	0.1	0.1	0.2	0.2
Drug Overdose (Street Drugs)	.	0.3	0.1	<0.05	0.1
Drug Overdose (Not 92 Or 93)	.	0.1	0.1	<0.05	<0.05
Withdrawal from dialysis/uremia	1.1	1	3.2	12.8	7.2
Other Identified Cause Of Death - Please Specify	11.2	21.7	39.3	83.2	56.3
Unknown	.	.	<0.05	<0.05	<0.05
<b>All Cause</b>	<b>38</b>	<b>82</b>	<b>165.3</b>	<b>341.8</b>	<b>231.5</b>
Years at risk	5,289	126,157	328,739	377,455	837,640
Patients	6,347	145,010	397,512	504,914	1,053,783



Table H.a.3 (supplement)

**Mortality rates by specific cause of mortality: hemodialysis patients, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

	0-19	20-44	45-64	65+	All
Myocardial Infarction, Acute	1.3	4.5	12.9	22.8	16.2
Pericarditis, Incl. Cardiac Tamponade	.	0.2	0.2	0.2	0.2
Atherosclerotic Heart Disease	0.3	0.9	3.3	10	6
Cardiomyopathy	0.7	1.6	3.9	11.9	7.3
Cardiac Arrhythmia	1.3	3.1	6.8	13	9.1
Cardiac Arrest, Cause Unknown	7.7	21.9	41.2	79.4	56.1
Valvular Heart Disease	.	0.5	0.8	1.7	1.1
Pulmonary Edema Due To Exogenous Fluid	0.3	0.6	1	2.5	1.6
Congestive Heart Failure	0.3	0.4	1.3	4.3	2.5
Pulmonary Embolus	0.3	0.6	0.6	0.9	0.7
Cerebro-Vascular Accident Including Intracranial Hemorrhage	2.4	3.4	6.6	12.5	8.8
Ischemic Brain Damage/Anoxic Encephalopathy	.	1.1	1.5	1.9	1.6
Hemorrhage From Transplant Site	.	<0.05	<0.05	<0.05	<0.05
Hemorrhage From Vascular Access	0.3	0.4	0.5	0.7	0.6
Hemorrhage From Dialysis Circuit	.	.	<0.05	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	.	0.2	0.4	0.8	0.5
Hemorrhage From Surgery (Not 38,39 Or 40)	.	0.1	0.2	0.2	0.2
Other Hemorrhage (Not Codes 38-42,72)	1	0.5	0.8	1.2	1
Mesenteric Infarction/Ischemic Bowel	0.3	0.3	0.9	2.1	1.4
Septicemia, Due To Vascular Access	0.3	1.5	2.9	4.8	3.6
Peritoneal access infectious complication, bacterial	.	<0.05	<0.05	0.1	<0.05
Fungal Peritonitis	.	<0.05	<0.05	<0.05	<0.05
Peritonitis (complication of peritoneal dialysis)	.	<0.05	<0.05	0.1	<0.05
Central nervous system infection (brain abscess, meningitis, encephalitis, etc)	.	0.1	0.1	0.2	0.1
Septicemia, Due To Peritonitis	.	0.3	0.4	0.6	0.4
Septicemia, Due To Peripheral Vascular Disease and Gangrene	0.7	1.1	4.1	7.4	5.2
Septicemia, Other	2.7	6.1	11.4	19.9	14.5
Pulmonary Infection (Bacterial)	0.3	0.5	1.2	3.7	2.2
Pulmonary Infection (Fungal)	.	<0.05	0.1	0.1	0.1
Pulmonary Infection (Other)	0.3	0.2	0.3	1	0.6
Pulmonary infection (pneumonia, influenza)	0.3	0.6	1.3	3.8	2.3
Tuberculosis	.	<0.05	<0.05	<0.05	<0.05
Viral Infection, Cmv	.	.	<0.05	<0.05	<0.05
Viral Infection, Other (Not 64 Or 65)	.	<0.05	0.1	0.1	0.1
Aids	0.3	1.2	0.5	<0.05	0.4
Infection, Other	0.3	0.3	0.6	1	0.7
Cardiac infection (endocarditis)	.	0.3	0.4	0.5	0.4
Abdominal infection (peritonitis (not comp of PD), perforated bowel, diverticular disease, gallbladder)	.	0.2	0.4	0.8	0.6
Genito-urinary infection (urinary tract infection, pyelonephritis, renal abscess)	.	<0.05	0.1	0.2	0.1
Hepatitis B	.	<0.05	<0.05	<0.05	<0.05
Hepatitis C	.	<0.05	0.1	<0.05	0.1
Other Viral Hepatitis	.	0.1	0.1	<0.05	0.1
Liver-Drug Toxicity	.	.	<0.05	<0.05	<0.05
Cirrhosis	.	0.3	1	0.8	0.8
Polycystic Liver Disease	.	<0.05	<0.05	<0.05	<0.05
Liver Failure, Cause Unknown Other	0.7	0.5	1	0.7	0.8
Gastro-Intestinal Hemorrhage	0.3	0.5	1	2.4	1.6
Pancreatitis	0.3	0.1	0.1	0.2	0.2
Perforation Of Peptic Ulcer	.	<0.05	<0.05	0.1	0.1
Perforation Of Bowel (Not 75)	.	0.2	0.4	0.8	0.5
Hyperkalemia	0.7	1.4	1.6	3.7	2.5
Hypokalemia	.	<0.05	<0.05	<0.05	<0.05
Hypernatremia	.	.	<0.05	<0.05	<0.05
Hyponatremia	.	.	<0.05	<0.05	<0.05
Diabetic Coma, Hyperglycemia and Hypoglycemia	.	0.8	0.5	0.3	0.5
Acidosis	.	<0.05	<0.05	0.1	0.1
Adrenal insufficiency	.	.	<0.05	<0.05	<0.05
Hypothyroidism	.	.	<0.05	<0.05	<0.05
Hyperthyroidism	.	.	.	<0.05	<0.05
Bone Marrow Depression	.	<0.05	0.1	0.1	0.1
Cachexia	.	0.4	1.3	5.5	3.1
Malignant Disease, Patient Ever On Immunosuppressive Therapy	.	0.5	2.1	3.8	2.7
Malignant Disease (Not 82)	0.7	0.8	3.9	10.2	6.4
Dementia, Incl. Dialysis Dementia and Alzheimers	.	<0.05	0.2	1.8	0.9
Seizures	1.3	0.5	0.3	0.3	0.3
Chronic Obstructive Lung Disease (Copd)	.	0.1	0.7	2.1	1.2
Complications Of Surgery	0.3	0.4	0.7	1.2	0.9
Air Embolism	.	<0.05	<0.05	<0.05	<0.05
Accident Related To Treatment	.	<0.05	<0.05	<0.05	<0.05
Accident Unrelated To Treatment	0.7	0.7	0.8	1.2	0.9

Table H.a.3 (supplement)

**Mortality rates by specific cause of mortality: hemodialysis patients, unadjusted***rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

	<b>0-19</b>	<b>20-44</b>	<b>45-64</b>	<b>65+</b>	<b>All</b>
Suicide	.	0.1	0.1	0.2	0.1
Drug Overdose (Street Drugs)	.	0.4	0.1	<0.05	0.1
Drug Overdose (Not 92 Or 93)	.	0.1	0.1	<0.05	<0.05
Withdrawal from dialysis/uremia	1	1	3.3	13	7.4
Other Identified Cause Of Death - Please Specify	10.1	22.6	39.6	83.1	57.3
Unknown	.	.	<0.05	<0.05	<0.05
All Cause	37.9	84.3	166	342.1	235.6
Years at risk	2,978	108,948	297,521	354,562	764,009
Patients	3,596	125,230	359,207	472,717	960,750

Table H.a.4 (supplement)

**Mortality rates by specific cause of mortality: CAPD/CCPD patients, unadjusted**

rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined

	0-19	20-44	45-64	65+	All
Myocardial Infarction, Acute	0.5	4.4	14.2	27	15.3
Pericarditis, Incl. Cardiac Tamponade	.	0.2	0.2	0.2	0.2
Atherosclerotic Heart Disease	.	0.7	4.3	10.1	5.1
Cardiomyopathy	1.4	1.6	5.3	18.5	8.3
Cardiac Arrhythmia	0.5	2.9	6.6	14.3	7.8
Cardiac Arrest, Cause Unknown	5.9	15.6	33	67	38.3
Valvular Heart Disease	.	0.3	0.9	2.4	1.2
Pulmonary Edema Due To Exogenous Fluid	.	0.6	0.9	2.4	1.2
Congestive Heart Failure	.	0.2	1.1	4.3	1.8
Pulmonary Embolus	1.4	0.3	0.9	1	0.8
Cerebro-Vascular Accident Including Intracranial Hemorrhage	0.5	1.7	6.2	13	7
Ischemic Brain Damage/Anoxic Encephalopathy	.	0.8	1.3	2.5	1.5
Hemorrhage From Transplant Site	.	.	<0.05	.	<0.05
Hemorrhage From Vascular Access	.	.	0.1	0.2	0.1
Hemorrhage From Dialysis Circuit	.	.	.	<0.05	<0.05
Hemorrhage From Ruptured Vascular Aneurysm	.	0.2	0.1	0.2	0.2
Hemorrhage From Surgery (Not 38,39 Or 40)	.	0.2	0.1	0.1	0.1
Other Hemorrhage (Not Codes 38-42,72)	0.9	0.4	0.7	0.7	0.6
Mesenteric Infarction/Ischemic Bowel	.	0.4	1.5	3.8	1.9
Septicemia, Due To Vascular Access	0.5	0.8	0.8	1.3	0.9
Peritoneal access infectious complication, bacterial	.	0.1	1	1.5	0.9
Fungal Peritonitis	0.5	0.4	0.7	1.5	0.9
Peritonitis (complication of peritoneal dialysis)	0.9	0.4	1.2	2.4	1.4
Central nervous system infection (brain abscess, meningitis, encephalitis, etc)	.	0.1	0.1	0.3	0.1
Septicemia, Due To Peritonitis	2.7	3.1	5.3	8.7	5.7
Septicemia, Due To Peripheral Vascular Disease and Gangrene	.	2	6.3	9.4	6
Septicemia, Other	4.1	6.1	12.1	20.3	12.9
Pulmonary Infection (Bacterial)	.	0.2	1	3.2	1.5
Pulmonary Infection (Fungal)	.	.	0.1	0.1	0.1
Pulmonary Infection (Other)	0.5	0.4	0.2	0.7	0.4
Pulmonary infection (pneumonia, influenza)	.	0.4	0.8	2.8	1.3
Tuberculosis	.	.	.	0.1	<0.05
Viral Infection, Cmv	.	.	<0.05	.	<0.05
Viral Infection, Other (Not 64 Or 65)	.	.	<0.05	0.1	0.1
Aids	.	0.7	0.2	.	0.2
Infection, Other	0.5	0.2	0.6	1.2	0.7
Cardiac infection (endocarditis)	.	.	0.1	0.1	0.1
Abdominal infection (peritonitis (not comp of PD), perforated bowel, diverticular disease, gallbladder)	.	0.4	0.8	1.3	0.8
Genito-urinary infection (urinary tract infection, pyelonephritis, renal abscess)	.	0.1	<0.05	0.1	0.1
Hepatitis B	.	.	.	<0.05	<0.05
Hepatitis C	.	.	0.1	.	<0.05
Other Viral Hepatitis	.	.	<0.05	.	<0.05
Liver-Drug Toxicity	.	.	<0.05	<0.05	<0.05
Cirrhosis	.	0.2	0.6	0.4	0.4
Polycystic Liver Disease	.	.	.	<0.05	<0.05
Liver Failure, Cause Unknown Other	.	0.4	0.8	0.6	0.6
Gastro-Intestinal Hemorrhage	0.9	0.3	1	2.1	1.2
Pancreatitis	.	0.6	0.3	0.2	0.3
Perforation Of Peptic Ulcer	.	0.1	0.1	0.1	0.1
Perforation Of Bowel (Not 75)	.	0.4	0.8	1.5	0.9
Hyperkalemia	.	0.4	1	2.5	1.3
Hypokalemia	.	.	.	.	.
Hypernatremia	.	.	.	.	.
Hyponatremia	.	.	.	<0.05	<0.05
Diabetic Coma, Hyperglycemia and Hypoglycemia	.	0.6	0.4	0.2	0.4
Acidosis	.	.	.	0.1	<0.05
Adrenal insufficiency	.	.	<0.05	<0.05	<0.05
Hypothyroidism	.	.	.	.	.
Hyperthyroidism	.	.	.	0.1	<0.05
Bone Marrow Depression	0.5	.	<0.05	0.2	0.1
Cachexia	.	0.7	1.8	8.4	3.5
Malignant Disease, Patient Ever On Immunosuppressive Therapy	0.5	0.3	1.5	3.6	1.8
Malignant Disease (Not 82)	0.5	0.4	3	8.2	3.9
Dementia, Incl. Dialysis Dementia and Alzheimers	.	.	0.2	1.6	0.6
Seizures	0.5	0.2	0.2	0.1	0.2
Chronic Obstructive Lung Disease (Copd)	.	.	0.2	1.3	0.5
Complications Of Surgery	0.9	0.4	0.8	1.8	1
Air Embolism	.	.	<0.05	<0.05	<0.05
Accident Related To Treatment	.	.	.	<0.05	<0.05
Accident Unrelated To Treatment	.	0.7	0.6	1.2	0.8

Table H.a.4 (supplement)

**Mortality rates by specific cause of mortality: CAPD/CCPD patients, unadjusted***rates per 1,000 patient years at risk, period prevalent patients, 2003-2005 combined*

	<b>0-19</b>	<b>20-44</b>	<b>45-64</b>	<b>65+</b>	<b>All</b>
Suicide	.	0.1	0.1	0.4	0.2
Drug Overdose (Street Drugs)	.	0.1	<0.05	.	<0.05
Drug Overdose (Not 92 Or 93)	.	0.1	0.1	<0.05	0.1
Withdrawal from dialysis/uremia	1.4	0.8	3.1	11.4	5
Other Identified Cause Of Death - Please Specify	12.2	15.2	34.1	71.3	40.2
Unknown	.	.	.	.	.
All Cause	37.7	67.8	159.9	340.8	188.8
Years at risk	2,204	16,297	29,606	20,792	68,899
Patients	2,618	18,541	35,731	27,868	84,758