

T ables



Grand Prismatic Spring, Yellowstone National Park, Wyoming

It began in mystery, and it will end in mystery, but what a savage and beautiful country lies in between.

DIANE ACKERMAN,
A Natural History of the Senses

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Both the CKD and ESRD volumes now include only selected tables of particular interest, and data for some early years are omitted from the printed tables. Excel files of the complete tables are available on our website, www.usrds.org, and on the CD included with this book.

The following symbols are used throughout these tables

* Values for cells with ten or fewer patients are suppressed. " ." Zero values in this cell.

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

Adjusted rates use the 2005 ESRD cohort as reference (represented by outlined columns in tables).

Table A.1

Incident counts of reported ESRD: all patients*by age, gender, race, ethnicity, & primary diagnosis*

	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	140	150	166	193	203	178	198	233	209	198	237	224	278	312
5-9	103	152	147	153	150	182	147	148	146	128	130	148	150	152
10-14	214	246	283	308	311	338	338	322	337	297	313	283	293	299
15-19	442	544	569	575	587	584	624	648	622	673	627	692	645	632
20-29	2,083	2,635	2,692	2,713	2,714	2,580	2,549	2,638	2,734	2,763	2,836	2,806	2,905	2,826
30-39	3,309	4,887	5,750	5,822	5,756	5,805	5,735	5,797	5,908	6,028	5,901	5,998	6,211	5,977
40-49	3,689	6,276	8,988	10,996	11,058	11,325	11,625	11,944	12,124	12,650	12,352	12,258	12,702	12,412
50-59	5,501	8,362	11,955	16,879	17,780	18,230	19,162	19,854	20,678	21,973	22,066	22,484	22,929	22,756
60-64	3,950	6,138	8,003	10,076	10,481	10,579	11,269	11,653	11,951	12,430	12,972	13,478	14,302	14,842
65-69	3,928	7,244	9,313	11,508	11,878	11,806	12,171	12,309	12,234	12,725	12,816	13,193	14,030	14,224
70-74	3,483	6,265	9,373	12,394	12,887	12,707	12,452	12,567	12,547	12,851	12,694	12,737	13,009	13,406
75-79	2,302	4,610	7,211	11,574	11,958	12,234	12,497	12,380	12,534	12,724	12,240	12,133	12,230	12,290
80-84	1,025	2,397	4,157	7,455	7,769	8,751	8,910	9,249	9,740	9,868	9,908	9,874	9,969	9,937
85+	360	962	1,785	3,900	4,288	4,684	5,004	5,241	5,521	5,812	6,132	6,420	6,793	6,828
Unknown	*	*	*	.	.	.	.	.	.	*	*	*	27	53
0-19	899	1,092	1,165	1,229	1,251	1,282	1,307	1,351	1,314	1,296	1,307	1,347	1,366	1,395
20-44	7,132	10,639	12,539	13,274	13,178	13,128	13,138	13,402	13,758	14,023	13,854	13,791	14,297	13,863
45-64	11,400	17,659	24,849	33,212	34,611	35,391	37,202	38,484	39,637	41,821	42,273	43,233	44,752	44,950
65-74	7,411	13,509	18,686	23,902	24,765	24,513	24,623	24,876	24,781	25,576	25,510	25,930	27,039	27,630
75+	3,687	7,969	13,153	22,929	24,015	25,669	26,411	26,870	27,795	28,404	28,280	28,427	28,992	29,055
Unknown	*	*	*	.	.	.	.	.	.	*	*	*	27	53
Male	16,560	27,310	37,138	50,603	52,623	54,330	55,634	57,985	59,581	62,086	62,377	63,646	66,061	66,650
Female	13,974	23,559	33,254	43,943	45,197	45,653	47,040	46,998	47,700	49,036	48,847	49,084	50,407	50,288
Unknown	*	.	*	.	.	.	*	.	*	*	*	*	*	*
White	20,792	33,829	44,669	61,833	63,950	65,019	66,414	68,507	70,183	73,249	72,854	73,788	76,235	77,030
Black/Af Am	8,724	14,993	21,609	26,761	27,807	28,703	29,583	29,390	30,500	31,505	31,678	32,013	32,634	32,018
Native American	307	603	885	1,202	1,176	1,148	1,137	1,204	1,226	1,229	1,280	1,318	1,440	1,422
Asian	602	1,294	2,289	3,253	3,450	3,602	3,767	3,897	4,157	4,778	5,117	5,202	5,682	5,853
Other/unknown	111	150	941	1,497	1,437	1,511	1,780	1,985	1,219	362	296	410	482	623
†Hispanic				12,548	11,798	12,530	13,325	13,697	13,900	14,820	15,136	15,696	16,289	16,823
†Non-Hispanic				81,998	86,022	87,453	89,356	91,286	93,385	96,303	96,089	97,035	100,184	100,123
Diabetes	8,707	18,156	29,325	42,444	44,164	44,469	45,662	46,756	47,452	49,446	49,099	49,758	51,161	51,636
Hypertension	8,265	15,387	18,838	25,097	26,333	27,313	28,591	28,770	29,087	29,881	30,823	31,562	32,853	32,861
Glomerulonephritis	5,110	7,087	8,306	8,698	8,648	8,741	8,451	8,607	8,222	8,031	7,621	7,532	7,645	7,428
Cystic kidney	1,227	1,580	1,931	2,196	2,269	2,252	2,305	2,344	2,526	2,662	2,647	2,688	2,669	2,630
Other urologic	1,179	1,308	2,045	2,733	2,768	2,931	2,814	2,859	2,167	1,674	1,550	1,575	1,592	1,585
Other cause	3,551	4,876	7,158	9,130	9,338	9,942	10,195	10,829	12,335	13,748	14,141	14,277	14,813	14,940
Unknown cause	1,547	1,919	2,480	3,747	3,978	3,931	4,032	4,095	4,644	4,824	4,627	4,403	4,262	3,963
Missing disease	950	556	310	501	322	404	631	723	852	857	717	936	1,478	1,903
U.S.	29,952	49,872	69,379	93,239	96,451	98,537	101,012	103,258	105,577	109,284	109,394	110,797	114,422	114,584
U.S. territories	31	62	104	136	145	173	167	166	169	206	206	234	243	271
Puerto Rico	390	611	835	1,097	1,173	1,214	1,286	1,292	1,233	1,326	1,366	1,374	1,396	1,484
Foreign	20	41	35	40	28	34	33	23	28	34	27	23	17	18
Unknown	143	283	40	34	23	25	183	244	278	273	232	303	395	589
All	30,536	50,869	70,393	94,546	97,820	99,983	102,681	104,983	107,285	111,123	111,225	112,731	116,473	116,946

Table A.1 (continued)

Incident counts of reported ESRD: all patients: U.S. only, with unknowns dropped*by age, gender, race, ethnicity, & primary diagnosis*

	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	133	144	159	186	185	162	185	211	195	190	225	215	259	294
5-9	101	146	145	149	144	175	133	135	136	121	122	139	138	142
10-14	207	239	268	296	297	326	313	292	316	281	301	277	279	277
15-19	430	525	550	542	564	550	582	612	593	653	608	664	628	595
20-29	2,029	2,564	2,619	2,576	2,598	2,430	2,400	2,465	2,601	2,692	2,773	2,741	2,829	2,731
30-39	3,234	4,762	5,617	5,642	5,550	5,608	5,473	5,501	5,747	5,908	5,771	5,866	6,061	5,798
40-49	3,591	6,085	8,737	10,676	10,777	10,981	11,222	11,487	11,783	12,380	12,117	11,990	12,406	12,042
50-59	5,357	8,108	11,568	16,315	17,196	17,656	18,464	19,142	20,090	21,530	21,611	22,005	22,438	22,162
60-64	3,859	5,986	7,781	9,730	10,165	10,251	10,873	11,250	11,652	12,161	12,675	13,178	13,975	14,489
65-69	3,856	7,152	9,072	11,206	11,574	11,501	11,823	11,975	11,934	12,491	12,578	12,929	13,758	13,926
70-74	3,433	6,186	9,231	12,139	12,630	12,440	12,162	12,312	12,311	12,666	12,489	12,514	12,761	13,158
75-79	2,268	4,550	7,100	11,399	11,749	12,040	12,266	12,155	12,346	12,567	12,067	11,958	12,039	12,103
80-84	1,012	2,370	4,097	7,353	7,672	8,631	8,769	9,111	9,608	9,757	9,818	9,785	9,872	9,824
85+	351	949	1,758	3,860	4,242	4,622	4,927	5,169	5,466	5,751	6,078	6,349	6,725	6,740
0-19	871	1,054	1,122	1,173	1,190	1,213	1,213	1,250	1,240	1,245	1,256	1,295	1,304	1,308
20-44	6,946	10,351	12,228	12,810	12,737	12,636	12,561	12,732	13,317	13,722	13,562	13,485	13,940	13,434
45-64	11,124	17,154	24,094	32,129	33,549	34,290	35,871	37,113	38,556	40,949	41,385	42,295	43,769	43,788
65-74	7,289	13,338	18,303	23,345	24,204	23,941	23,985	24,287	24,245	25,157	25,067	25,443	26,519	27,084
75+	3,631	7,869	12,955	22,612	23,663	25,293	25,962	26,435	27,420	28,075	27,963	28,092	28,636	28,667
Male	16,177	26,676	36,169	49,161	51,128	52,775	53,844	56,146	58,108	60,931	61,203	62,381	64,694	65,038
Female	13,684	23,090	32,533	42,908	44,215	44,598	45,748	45,671	46,670	48,217	48,030	48,229	49,474	49,243
White	20,369	33,143	44,106	61,059	63,143	64,200	65,395	67,598	69,191	72,066	71,619	72,571	74,944	75,690
Black/Af Am	8,616	14,827	21,499	26,660	27,682	28,555	29,432	29,247	30,335	31,282	31,472	31,786	32,431	31,739
Native American	304	600	884	1,202	1,176	1,148	1,135	1,204	1,222	1,209	1,264	1,304	1,411	1,390
Asian	572	1,196	2,213	3,148	3,342	3,470	3,630	3,768	4,030	4,591	4,878	4,949	5,382	5,462
†Hispanic				10,731	9,926	10,551	11,093	11,489	12,153	13,457	13,732	14,260	14,822	15,284
†Non-Hispanic				81,338	85,417	86,822	88,499	90,328	92,625	95,691	95,501	96,350	99,346	98,997
Diabetes	8,513	17,712	28,459	41,118	42,778	43,029	44,059	45,172	46,185	48,393	47,998	48,603	49,987	50,356
Hypertension	8,142	15,196	18,538	24,708	25,914	26,876	28,042	28,246	28,697	29,638	30,566	31,295	32,545	32,537
Glomerulonephritis	4,995	6,915	8,118	8,445	8,404	8,473	8,172	8,309	8,035	7,901	7,490	7,405	7,536	7,312
Cystic kidney	1,206	1,551	1,899	2,141	2,216	2,198	2,249	2,287	2,482	2,632	2,622	2,665	2,641	2,605
Other urologic	1,151	1,259	1,979	2,664	2,712	2,866	2,760	2,802	2,118	1,639	1,515	1,540	1,556	1,544
Other cause	3,500	4,812	7,035	8,920	9,159	9,735	9,981	10,593	12,147	13,603	13,992	14,135	14,666	14,796
Unknown cause	1,485	1,848	2,406	3,639	3,871	3,840	3,892	3,955	4,582	4,787	4,589	4,359	4,231	3,924
Missing disease	869	473	268	434	289	356	437	453	532	555	461	608	1,006	1,207
All	29,861	49,766	68,702	92,069	95,343	97,373	99,592	101,817	104,778	109,148	109,233	110,610	114,168	114,281
Patients dropped	675	1,103	1,691	2,477	2,477	2,610	3,089	3,166	2,507	1,975	1,992	2,121	2,305	2,665

Table A.2

Incident rates of reported ESRD*per million population, by age, gender, race, ethnicity, & primary diagnosis*

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	7.5	7.6	8.1	9.7	9.6	8.3	9.4	10.7	9.8	9.5	11.2	10.6	12.8	14.6
5-9	6.1	8.1	7.5	7.3	7.1	8.8	6.8	6.9	7.0	6.2	6.2	7.0	6.8	7.0
10-14	12.2	13.9	14.0	14.3	14.2	15.3	14.6	13.6	14.9	13.4	14.4	13.4	13.5	13.4
15-19	23.0	29.5	29.9	26.7	27.6	26.7	28.0	29.0	27.6	29.9	27.6	29.9	28.3	27.1
20-29	47.3	63.4	69.0	67.1	67.3	62.4	61.0	61.7	64.2	65.4	66.6	65.1	66.6	63.8
30-39	85.9	113.6	125.2	130.7	129.4	132.2	131.1	134.1	141.8	146.9	143.8	146.2	150.9	144.3
40-49	139.8	192.4	230.9	249.8	247.7	248.8	251.5	255.3	261.1	275.0	271.5	271.3	283.0	276.5
50-59	242.6	371.0	462.0	520.5	526.6	521.1	528.9	529.2	534.6	552.5	545.8	544.0	543.5	525.9
60-64	353.8	563.5	767.5	895.7	912.8	886.7	891.6	886.0	886.9	898.6	863.8	858.9	866.7	852.9
65-69	412.7	709.6	909.3	1,176.6	1,210.4	1,193.2	1,202.6	1,188.8	1,161.1	1,183.6	1,146.6	1,115.1	1,137.7	1,112.7
70-74	456.8	770.8	1,038.4	1,370.1	1,431.7	1,421.7	1,402.7	1,432.6	1,431.0	1,464.3	1,430.8	1,404.3	1,396.1	1,410.9
75-79	411.5	740.2	1,058.5	1,532.4	1,575.9	1,611.7	1,635.9	1,629.1	1,654.2	1,687.5	1,630.6	1,627.9	1,650.3	1,654.9
80-84	299.5	602.0	907.5	1,475.2	1,493.1	1,630.2	1,624.3	1,648.0	1,712.3	1,727.5	1,726.4	1,707.6	1,723.6	1,708.5
85+	131.6	310.2	477.6	905.6	983.7	1,058.0	1,103.2	1,137.1	1,164.6	1,181.9	1,206.1	1,221.9	1,253.0	1,218.2
0-19	12.4	14.7	14.6	14.6	14.7	14.9	14.9	15.3	15.1	15.1	15.2	15.6	15.7	15.7
20-44	73.4	103.4	118.6	123.1	122.1	121.2	120.8	122.5	128.4	132.4	130.9	130.2	134.6	129.3
45-64	249.4	370.4	456.3	514.7	520.2	514.1	521.2	523.2	527.2	544.4	537.0	538.0	545.3	535.4
65-74	432.4	736.7	970.2	1,269.9	1,316.6	1,302.0	1,296.4	1,301.0	1,284.0	1,310.1	1,272.5	1,240.8	1,248.9	1,240.0
75+	314.2	598.7	869.3	1,355.2	1,399.7	1,476.2	1,495.3	1,507.5	1,543.2	1,563.1	1,542.6	1,537.4	1,557.1	1,541.6
Male	139.8	219.2	277.8	355.1	365.5	373.7	378.0	390.4	400.2	415.5	413.4	417.3	429.0	427.6
Female	112.0	180.5	239.1	298.6	304.8	304.6	309.8	306.6	310.5	317.8	313.6	312.0	317.2	313.2
White	100.8	158.3	200.1	264.8	271.9	274.7	278.1	285.6	290.5	300.5	296.7	298.7	306.7	307.9
Black/Af Am	301.6	483.8	635.2	725.8	743.0	756.3	770.1	754.8	772.2	784.8	777.9	774.2	778.8	752.3
Native American	177.0	291.4	362.0	402.9	380.8	359.4	343.5	351.9	344.5	328.6	330.7	328.2	341.8	325.2
Asian	102.0	158.4	230.4	264.7	268.9	267.9	269.7	269.8	278.0	305.4	313.4	307.4	324.0	319.7
†Hispanic				300.9	267.2	273.2	277.0	276.8	282.5	301.7	297.3	298.4	300.5	300.8
†Non-Hispanic				330.0	344.7	348.7	353.9	359.4	366.8	377.1	374.5	375.9	385.9	382.9
Diabetes	35.8	71.0	106.9	145.7	150.1	149.6	151.9	154.3	156.3	162.2	159.3	159.8	162.9	162.8
Hypertension	34.2	60.9	69.6	87.6	90.9	93.4	96.7	96.5	97.1	99.3	101.5	102.9	106.1	105.2
Glomerulonephritis	21.0	27.7	30.5	29.9	29.5	29.5	28.2	28.4	27.2	26.5	24.9	24.4	24.6	23.6
Cystic kidney	5.1	6.2	7.1	7.6	7.8	7.6	7.8	7.8	8.4	8.8	8.7	8.8	8.6	8.4
Other urologic	4.8	5.0	7.4	9.4	9.5	10.0	9.5	9.6	7.2	5.5	5.0	5.1	5.1	5.0
Other cause	14.7	19.3	26.4	31.6	32.1	33.8	34.4	36.2	41.1	45.6	46.4	46.5	47.8	47.8
Unknown cause	6.2	7.4	9.0	12.9	13.6	13.4	13.4	13.5	15.5	16.0	15.2	14.3	13.8	12.7
Missing disease	3.7	1.9	1.0	1.5	1.0	1.2	1.5	1.5	1.8	1.9	1.5	2.0	3.3	3.9
All	125.5	199.4	258.0	326.3	334.6	338.5	343.3	347.7	354.6	365.8	362.6	363.7	372.2	369.4

Table A.2 (continued)

Incident rates of reported ESRD

per million population, by age, gender, race, ethnicity, & primary diagnosis

ADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	7	8	8	10	10	8	9	11	10	9	11	11	13	15
5-9	6	8	7	7	7	9	7	7	7	6	6	7	7	7
10-14	12	14	14	14	14	15	14	13	15	13	14	13	13	13
15-19	23	29	29	26	27	26	27	28	26	29	27	29	28	27
20-29	48	63	67	66	66	61	60	61	63	64	65	63	64	62
30-39	91	118	128	130	129	131	130	133	140	144	141	143	147	141
40-49	154	214	252	262	258	258	259	262	265	278	273	271	281	274
50-59	272	415	523	584	588	574	578	574	574	589	578	574	570	548
60-64	411	638	852	971	997	966	973	966	968	977	939	929	931	911
65-69	472	819	1,021	1,289	1,319	1,297	1,307	1,288	1,258	1,278	1,243	1,211	1,237	1,206
70-74	526	890	1,209	1,532	1,589	1,588	1,556	1,566	1,558	1,588	1,559	1,524	1,522	1,529
75-79	483	883	1,260	1,756	1,798	1,840	1,854	1,827	1,857	1,877	1,820	1,810	1,830	1,826
80-84	389	752	1,130	1,779	1,771	1,936	1,912	1,936	2,002	2,011	2,000	1,963	1,990	1,957
85+	197	441	668	1,203	1,298	1,396	1,457	1,475	1,510	1,518	1,566	1,573	1,595	1,535
0-19	12	14	14	14	14	14	14	15	14	14	14	15	15	15
20-44	81	109	119	120	119	118	118	119	125	129	128	128	132	128
45-64	283	428	549	614	621	607	610	607	607	620	603	598	599	581
65-74	499	854	1,115	1,411	1,454	1,442	1,431	1,427	1,408	1,433	1,401	1,367	1,380	1,368
75+	356	692	1,019	1,580	1,622	1,724	1,741	1,746	1,790	1,802	1,796	1,782	1,805	1,773
Male	171	266	332	414	422	428	428	437	442	453	445	443	449	441
Female	119	187	243	290	293	290	292	286	287	292	285	280	282	275
White	105	162	201	260	265	265	266	271	273	281	274	273	277	275
Black/Af Am	420	668	879	994	1,011	1,018	1,024	991	1,000	1,005	987	970	967	924
Native American	290	498	609	664	603	575	544	556	526	486	492	490	499	465
Asian	153	242	354	379	379	378	372	365	370	395	399	383	398	389
†Hispanic				596	516	524	524	515	515	537	521	516	509	501
†Non-Hispanic				323	335	335	337	339	342	349	342	340	345	338
Diabetes	41	81	119	155	158	156	156	156	156	160	155	153	154	152
Hypertension	40	68	76	92	95	96	99	98	97	98	99	99	101	99
Glomerulonephritis	23	30	33	31	30	30	29	29	27	26	24	24	24	23
Cystic kidney	6	7	8	8	8	8	8	8	8	9	9	9	8	8
Other urologic	5	5	8	10	10	10	10	10	7	5	5	5	5	5
Other cause	16	20	28	33	33	35	35	36	41	45	46	45	46	46
Unknown cause	7	8	10	13	14	14	14	14	16	16	15	14	13	12
Missing disease	4	2	1	2	1	1	2	2	2	2	1	2	3	4
All	142	222	283	344	349	350	351	352	355	362	354	351	355	348

Table A.3

Incident rates of reported diabetic ESRD*per million population, by age, gender, race, & ethnicity*

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.2	1.4
5-9	.	.	.	.	*	*	.	.	.	.	.	.	.	*
10-14	*	*	*	.	*	*	.	*	*	*	.	*	*	*
15-19	*	0.8	*	*	*	*	*	*	*	0.6	0.5	0.5	*	*
20-29	12.6	15.6	13.8	12.8	12.2	10.4	10.5	10.6	10.7	10.6	12.0	11.8	11.6	11.8
30-39	30.1	37.4	40.7	42.3	40.6	41.4	41.5	44.7	43.8	48.1	48.3	48.3	51.7	51.0
40-49	46.4	74.9	93.6	102.4	100.9	101.7	102.4	103.7	107.2	116.8	111.7	114.9	121.8	121.8
50-59	89.4	176.4	246.3	291.2	291.9	285.1	287.0	285.8	286.4	289.9	279.7	280.3	279.1	266.7
60-64	119.6	262.7	420.5	520.5	540.8	512.3	506.7	499.6	502.8	505.1	482.6	477.1	471.9	459.5
65-69	121.9	283.5	456.7	645.6	672.8	646.0	653.5	648.4	623.5	635.1	600.9	588.5	585.5	566.1
70-74	94.3	251.6	448.2	662.6	686.7	682.5	680.0	685.7	693.2	709.3	692.8	663.3	658.7	667.4
75-79	67.0	179.1	348.5	617.7	639.1	650.7	672.2	676.4	683.6	691.1	672.0	663.0	677.7	693.7
80-84	34.9	100.6	212.6	442.8	474.3	517.0	496.4	530.5	554.1	577.9	591.7	568.6	567.1	582.4
85+	6.4	35.6	77.4	188.2	212.4	226.8	244.7	254.3	249.9	280.9	284.0	298.5	300.7	304.2
0-19	0.2	0.3	0.2	0.2	0.1	0.2	*	*	0.2	0.2	0.2	0.2	0.4	0.5
20-44	23.4	32.8	36.8	38.6	37.7	36.3	37.5	38.4	39.4	42.9	42.2	42.2	44.4	43.8
45-64	88.2	171.1	237.3	279.8	282.6	276.5	276.3	276.6	278.0	283.4	275.1	277.3	279.6	273.3
65-74	109.6	269.3	452.7	653.8	679.4	663.3	665.9	665.6	655.3	668.5	641.6	621.0	617.0	609.3
75+	43.6	122.2	240.4	455.7	480.2	501.3	507.6	521.0	528.1	544.4	538.9	529.7	533.2	543.4
Male	36.0	67.8	102.5	146.6	152.7	155.1	158.2	165.1	168.8	176.3	174.9	177.0	182.2	182.7
Female	35.5	74.0	111.1	144.9	147.6	144.3	145.8	143.8	144.2	148.5	144.3	143.2	144.3	143.5
White	28.6	56.1	82.9	118.4	121.2	120.5	122.7	126.1	127.4	132.4	130.4	130.2	133.1	134.4
Black/Af Am	84.0	168.0	253.7	311.5	327.2	329.3	332.0	326.4	333.5	341.1	331.5	333.4	334.7	326.0
Native American	109.4	193.3	261.3	297.3	272.6	260.7	253.3	256.0	232.9	219.3	222.7	224.2	234.0	224.1
Asian	28.0	55.4	99.8	124.9	128.8	123.9	125.4	128.7	132.6	148.8	145.5	147.9	153.6	152.4
†Hispanic				178.5	161.7	163.3	168.0	168.1	167.0	176.7	174.6	177.7	177.2	179.3
†Non-Hispanic				141.0	148.4	147.5	149.3	152.0	154.5	159.6	156.6	156.5	160.2	159.5
All	35.8	71.0	106.9	145.7	150.1	149.6	151.9	154.3	156.3	162.2	159.3	159.8	162.9	162.8
ADJUSTED														
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.2	1.4
5-9	.	.	.	.	*	*	.	.	.	.	.	.	.	*
10-14	*	*	*	.	*	*	.	*	*	*	.	*	*	*
15-19	*	0.8	*	*	*	*	*	*	*	0.5	0.5	0.5	*	*
20-29	12.3	15.0	13.4	12.7	12.3	10.5	10.7	10.7	10.7	10.5	11.7	11.6	11.4	11.5
30-39	30.3	37.5	40.7	42.2	40.3	41.2	41.4	44.4	43.4	47.5	47.4	47.2	50.6	50.0
40-49	50.4	82.3	101.0	107.3	104.9	105.4	105.2	105.9	108.7	117.6	111.9	114.5	120.9	120.5
50-59	101.9	197.8	280.0	327.0	327.0	315.2	314.3	309.8	307.6	308.3	295.9	295.7	292.7	277.8
60-64	142.9	300.9	469.8	564.4	591.0	559.4	553.8	545.2	548.9	549.0	523.3	515.0	504.9	488.9
65-69	146.1	335.7	519.8	710.9	737.3	704.0	712.0	705.9	676.7	687.1	651.1	641.5	638.2	613.4
70-74	116.0	298.3	530.8	747.9	770.5	769.9	761.0	756.8	759.3	773.3	760.0	722.5	722.9	726.5
75-79	86.4	220.9	438.0	719.0	741.9	754.8	775.2	768.4	780.1	776.4	758.5	746.5	758.0	772.9
80-84	52.8	129.8	278.4	543.6	570.6	635.8	595.5	640.2	659.8	687.3	693.8	665.8	670.9	683.8
85+	11.3	55.4	112.4	261.3	287.5	303.4	323.5	347.0	336.2	369.6	381.0	393.6	401.0	393.6
0-19	0.2	0.3	0.2	0.2	0.1	0.2	*	*	0.2	0.2	0.2	0.2	0.4	0.5
20-44	25.1	33.8	36.3	37.2	36.3	35.1	36.3	37.2	38.2	41.8	41.3	41.6	44.0	43.6
45-64	101.9	199.3	289.6	339.2	344.6	332.2	328.9	325.2	324.6	326.9	312.6	311.3	309.0	297.6
65-74	131.0	317.0	525.3	729.4	753.9	737.0	736.5	731.4	718.0	730.2	705.5	682.0	680.5	669.9
75+	50.2	135.4	276.3	508.0	533.3	564.7	564.7	585.2	592.0	611.1	611.1	602.0	610.0	616.8
Male	43.6	82.1	122.8	169.5	175.1	175.8	176.5	181.9	183.1	188.7	184.6	183.6	186.0	184.0
Female	38.9	78.7	116.0	143.4	144.5	139.4	139.1	135.7	134.3	136.8	131.2	128.5	127.9	125.3
White	29.8	57.8	84.3	117.2	119.2	117.2	118.1	120.2	120.1	123.7	120.2	118.5	119.7	119.4
Black/Af Am	119.7	241.8	367.6	440.5	458.7	456.0	451.2	437.0	439.5	442.6	424.5	419.8	416.1	400.4
Native American	188.8	339.2	454.3	488.6	440.4	420.6	404.5	404.0	355.4	323.1	330.3	331.2	342.6	317.5
Asian	48.3	89.9	160.6	185.1	187.3	178.1	175.6	177.9	177.6	195.4	188.5	187.1	191.9	187.3
†Hispanic				366.4	327.1	329.8	331.2	326.6	318.5	328.5	318.9	319.5	310.6	307.6
†Non-Hispanic				138.8	144.9	142.2	142.1	143.1	143.6	146.9	142.1	140.0	141.6	139.1
All	41.3	80.5	119.3	155.3	158.4	155.8	156.0	156.3	156.3	160.2	155.1	153.2	154.0	151.7

Table A.3 (continued)

Incident rates of reported diabetic ESRD: CDC diabetic population*per million population, by age, gender, race, & ethnicity*

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-44	2,209	2,603	2,719	1,875	1,765	1,718	1,763	1,651	1,499	1,582	1,566	1,518	1,496	1,395
45-64	1,579	3,084	3,934	3,369	3,235	3,055	2,966	2,830	2,734	2,728	2,538	2,404	2,339	2,285
65-74	1,090	2,736	4,205	4,380	4,262	3,994	3,849	3,729	3,609	3,589	3,370	3,213	3,116	3,069
75+	485	1,596	2,574	3,928	3,892	3,792	3,602	3,598	3,478	3,492	3,327	3,188	2,968	2,897
Male	1,547	2,849	3,669	3,466	3,325	3,229	3,142	3,152	3,079	3,141	3,017	2,835	2,708	2,595
Female	1,227	2,535	3,458	3,382	3,315	3,114	3,030	2,787	2,600	2,567	2,387	2,301	2,239	2,215
White	1,130	2,199	2,974	2,972	2,850	2,662	2,576	2,476	2,386	2,426	2,307	2,173	2,078	2,047
Black/Af Am	2,310	4,746	5,919	5,868	5,930	5,932	5,728	5,361	5,013	4,905	4,700	4,560	4,451	4,153
Other	3,750	4,080	3,867	2,706	2,558	2,733	2,929	3,326	2,836	2,640	2,316	2,340	2,486	2,467
†Hispanic				4,607	4,080	4,074	4,024	3,891	3,600	3,669	3,418	3,276	3,033	2,991
†Non-Hispanic				3,269	3,222	3,055	2,962	2,844	2,727	2,725	2,579	2,451	2,382	2,310
All	1,365	2,672	3,554	3,423	3,320	3,172	3,086	2,968	2,834	2,845	2,690	2,564	2,474	2,409
ADJUSTED														
0-44	2,277	2,765	2,858	1,911	1,777	1,702	1,744	1,633	1,451	1,528	1,504	1,487	1,452	1,340
45-64	1,669	3,144	3,761	3,316	3,208	3,064	2,953	2,790	2,697	2,691	2,517	2,371	2,312	2,248
65-74	1,208	2,865	4,469	4,487	4,353	4,107	3,956	3,863	3,650	3,627	3,406	3,256	3,152	3,090
75+	515	1,947	2,702	4,148	4,207	4,156	3,969	3,868	3,775	3,682	3,554	3,341	3,123	3,030
Male	1,624	2,926	3,739	3,596	3,470	3,380	3,257	3,242	3,173	3,217	3,110	2,939	2,800	2,665
Female	1,356	2,699	3,379	3,307	3,238	3,051	2,960	2,738	2,543	2,498	2,312	2,227	2,172	2,145
White	1,180	2,215	3,012	2,941	2,803	2,606	2,522	2,431	2,353	2,394	2,269	2,136	2,038	2,002
Black/Af Am	2,333	4,903	5,852	6,145	6,343	6,389	6,023	5,510	5,278	5,103	4,923	4,728	4,622	4,310
Other	3,066	4,926	4,816	3,077	2,905	3,030	3,234	3,594	3,007	2,817	2,461	2,487	2,578	2,599
†Hispanic				4,847	4,171	4,300	4,226	4,183	3,883	3,892	3,644	3,519	3,255	3,191
†Non-Hispanic				3,262	3,211	3,030	2,925	2,812	2,711	2,710	2,556	2,425	2,350	2,277
All	1,484	2,809	3,554	3,437	3,341	3,198	3,090	2,971	2,834	2,839	2,687	2,563	2,472	2,394

Table A.5

Incident rates of reported ESRD, 2008–2010 combined*per million population, by age & primary diagnosis*

	Unadjusted rates					Rates adjusted for: gender					Race		Gender & race					
	Male White	Black Af Am	N Am	Asian	Hisp.	Female White	Black Af Am	N Am	Asian	Hisp.	White	Black Af Am		N Am	Asian	Hisp.	Male	Female
0-4	16	14	*	22	12	18	10	5	.	11	9	9	13	9	*	17	10	13
5-9	7	4	*	19	7	7	7	4	*	12	9	6	7	4	*	16	8	7
10-14	13	16	*	27	20	13	12	12	*	23	16	11	12	14	15	25	18	12
15-19	28	37	28	42	45	27	23	37	19	43	40	23	26	37	24	42	42	25
20-29	53	162	53	75	78	68	40	161	56	58	65	59	46	164	56	66	72	64
30-39	115	547	201	149	166	178	75	348	191	103	109	121	95	445	196	126	138	148
40-49	229	1,038	499	330	396	329	144	630	379	182	241	212	184	828	438	257	323	268
50-59	472	1,919	875	651	1,028	607	304	1,248	686	410	647	408	391	1,611	797	536	864	511
60-64	776	2,835	1,375	1,157	1,689	933	553	2,145	1,228	670	1,218	693	663	2,485	1,307	912	1,453	811
65-69	1,086	3,468	1,683	1,499	2,243	1,247	713	2,805	1,686	937	1,472	902	897	3,131	1,686	1,213	1,853	1,072
70-74	1,451	4,026	1,752	1,918	2,531	1,629	903	3,240	1,994	1,217	1,716	1,115	1,172	3,626	1,883	1,558	2,118	1,367
75-79	1,881	4,442	2,260	2,343	2,859	2,040	1,048	3,524	1,845	1,547	1,909	1,256	1,457	3,975	2,052	1,937	2,377	1,641
80-84	2,182	4,510	2,184	2,968	2,955	2,321	1,070	3,386	1,794	1,948	1,835	1,255	1,616	3,937	1,990	2,447	2,383	1,779
85+	1,949	3,631	1,902	2,859	2,509	2,056	684	2,246	968	1,603	1,348	800	1,306	2,932	1,429	2,216	1,917	1,417
0-19	17	19	15	28	21	16	13	15	11	22	18	13	14	16	13	25	20	14
20-44	104	448	178	139	149	155	70	307	158	93	104	109	87	389	179	117	132	131
45-64	476	1,832	850	665	940	607	319	1,243	691	402	622	421	415	1,659	847	574	896	534
65-74	1,241	3,699	1,710	1,676	2,364	1,409	796	2,993	1,813	1,057	1,578	995	1,034	3,379	1,785	1,385	1,985	1,219
75+	1,993	4,288	2,167	2,645	2,816	2,133	935	3,111	1,607	1,684	1,744	1,106	1,460	3,615	1,824	2,200	2,226	1,612
Diabetes	154	340	225	182	196	178	112	324	230	123	159	141	119	412	330	189	313	140
Hypertension	95	322	38	91	71	134	62	240	34	64	48	93	70	355	62	102	109	101
GN	26	50	26	40	23	31	15	33	19	30	15	19	19	46	29	37	24	23
Other cause	86	129	51	60	48	99	60	106	41	49	38	71	67	140	64	62	63	76
All	361	841	340	373	338	442	249	702	323	266	261	324	304	768	332	317	300	382
All (age adjusted)	357	1,127	528	493	630	426	213	806	451	308	410	275	275	954	485	390	509	341

Table A.7

Incidence of reported ESRD, by primary diagnosis, 2006–2010 combined

by detailed primary diagnosis

ROW PERCENT	Total patients	% inc.	Median age	Age 0-19	20-64	65+	% male	% White	Black Af Am	N Am	Asian	Hisp.	% Tx 1st yr	Died 1st yr
All ESRD, (reference)	568,498	100.0	64.0	1.2	50.5	48.4	56.4	65.6	28.1	1.2	4.7	13.9	4.8	22.2
Diabetes	251,099	44.6	63.0	0.1	53.6	46.3	54.5	65.5	27.5	1.8	5.1	18.7	2.5	20.6
Diabetes with renal manifestations, Type 2	227,740	40.5	64.0	0.0	51.2	48.8	54.4	65.1	27.7	1.8	5.2	19.2	1.6	21.1
Diabetes with renal manifestations, Type 1	23,359	4.2	51.0	0.2	77.7	22.1	55.4	69.5	25.3	1.3	3.8	13.7	10.9	15.5
Glomerulonephritis	37,604	6.7	54.0	4.0	66.0	30.0	61.4	67.2	23.9	1.2	7.4	13.5	14.7	10.5
Glomerulonephritis (GN; histologically not examined)	13,034	2.3	58.0	2.1	59.8	38.1	60.7	68.1	22.2	1.2	8.3	16.7	8.8	13.6
Focal glomerulosclerosis, focal sclerosing GN	12,078	2.1	51.0	6.5	69.4	24.0	61.2	58.9	35.6	1.0	4.4	10.8	16.6	7.4
Membranous nephropathy	2,399	0.4	59.0	1.5	60.2	38.2	65.8	67.4	27.9	0.9	3.6	11.8	11.2	11.3
Membranoproliferative GN type 1, diffuse MPGN	1,565	0.3	55.0	5.0	69.5	25.6	59.3	73.2	19.3	1.4	5.8	12.7	16.7	11.8
Dense deposit disease, MPGN type 2	142	0.0	46.0	19.0	55.6	25.4	52.8	82.4	9.9	1.4	6.3	15.5	22.5	9.9
IgA nephropathy, Berger's (by immunofluorescence)	4,789	0.9	45.0	2.8	83.3	13.9	66.9	74.1	6.3	2.0	17.3	13.9	30.7	4.4
IgM nephropathy (by immunofluorescence)	316	0.1	47.0	5.4	70.3	24.4	61.4	75.0	12.0	0.9	12.0	13.6	26.9	6.0
With lesion of rapidly progressive GN	1,149	0.2	63.0	4.4	49.1	46.6	49.7	81.9	12.9	1.6	3.2	12.0	4.5	19.3
Post-infectious GN, SBE	590	0.1	59.0	3.7	58.1	38.1	67.5	82.0	12.5	2.0	3.2	9.2	6.9	21.0
Other proliferative GN	1,542	0.3	58.0	5.0	59.8	35.2	52.9	78.0	16.5	1.2	4.1	13.2	10.1	16.1
Secondary GN/vasculitis	11,711	2.1	49.0	6.3	69.1	24.6	34.0	64.1	29.8	1.2	4.7	14.2	7.4	16.4
Lupus erythematosus (SLE nephritis)	5,507	1.0	38.0	6.9	86.3	6.8	18.6	42.3	49.3	1.2	7.0	18.8	9.4	10.5
Henoch-Schonlein syndrome	126	0.0	39.0	23.8	56.3	19.8	62.7	84.9	7.9	0.0	7.1	11.9	25.4	11.9
Scleroderma	589	0.1	58.0	0.8	66.7	32.4	23.3	79.5	16.8	1.0	2.5	8.5	1.7	35.7
Hemolytic uremic syndrome	669	0.1	45.0	19.9	59.3	20.8	37.5	80.0	16.0	0.6	3.3	6.6	9.1	16.6
Polyarteritis	278	0.0	68.0	5.8	37.1	57.2	40.6	86.3	7.6	2.9	2.9	11.9	4.3	23.0
Wegener's granulomatosis	1,778	0.3	64.0	3.0	48.1	48.9	55.4	90.9	6.1	1.0	2.0	9.0	6.3	20.9
Nephropathy due to heroin abuse and related drugs	205	0.0	46.0	0.0	95.6	4.4	74.1	55.1	42.9	1.0	0.5	20.0	0.5	18.5
Other vasculitis and its derivatives	1,280	0.2	65.0	5.0	43.4	51.6	45.6	84.0	10.7	1.8	3.3	13.0	5.0	23.8
Goodpasture's syndrome	653	0.1	58.0	5.2	57.4	37.4	43.0	89.3	6.9	1.1	2.6	8.1	3.8	15.9
Secondary GN, other	626	0.1	57.0	2.9	63.9	33.2	60.1	70.8	25.4	1.0	2.9	11.5	5.8	20.4
Interstitial nephritis/pyelonephritis	17,006	3.0	65.0	2.0	47.6	50.4	58.0	82.6	12.9	0.6	3.7	8.2	7.6	22.9
Analgesic abuse	908	0.2	65.0	0.2	48.1	51.7	46.3	84.0	11.3	0.9	3.6	8.3	5.6	19.8
Radiation nephritis	239	0.0	67.0	0.8	43.9	55.2	49.8	86.6	10.9	0.8	1.7	7.1	4.2	31.0
Lead nephropathy	22	0.0	65.0	4.5	45.5	50.0	86.4	45.5	54.5	0.0	0.0	0.0	9.1	9.1
Nephropathy caused by other agents	2,695	0.5	63.0	1.3	53.8	44.9	54.1	83.1	13.3	0.5	3.0	6.1	8.5	25.0
Gouty nephropathy	208	0.0	63.0	0.5	52.4	47.1	70.7	52.4	18.8	0.5	27.9	10.1	8.7	21.2
Nephrolithiasis	959	0.2	64.0	1.4	50.4	48.3	54.0	84.2	8.2	0.4	7.1	8.8	8.3	17.1
Acquired obstructive uropathy	5,104	0.9	69.0	0.7	38.0	61.3	76.3	83.2	13.9	0.7	2.0	10.6	2.0	27.9
Chronic pyelonephritis, reflux nephropathy	1,547	0.3	47.0	10.9	64.4	24.6	42.0	85.5	7.2	1.0	6.0	11.4	25.0	11.4
Chronic interstitial nephritis	3,535	0.6	65.0	1.9	47.5	50.6	49.1	81.7	13.7	0.4	4.2	5.6	9.8	20.6
Acute interstitial nephritis	1,410	0.3	66.0	0.2	47.2	52.6	49.1	81.2	16.2	0.5	2.1	6.2	1.9	25.2
Urolithiasis	225	0.0	61.0	0.4	58.2	41.3	58.2	81.3	11.6	0.0	7.1	11.1	6.2	14.7
Other disorders of calcium metabolism	154	0.0	61.0	1.3	59.7	39.0	48.1	81.2	15.6	0.0	3.2	7.1	13.0	18.8
Hypertensive/large vessel disease	157,978	28.1	69.0	0.2	39.6	60.2	57.9	59.4	36.1	0.5	3.9	9.5	2.2	24.4
Unspecified with renal failure	149,310	26.5	69.0	0.2	40.9	58.9	58.0	57.7	37.8	0.5	4.0	9.8	2.2	24.0
Renal artery stenosis	5,525	1.0	76.0	0.1	16.3	83.5	51.8	89.1	8.5	0.3	2.0	4.0	1.4	31.5
Renal artery occlusion	1,059	0.2	73.0	0.5	24.9	74.6	56.2	87.1	10.4	0.8	1.8	4.6	1.2	33.1
Cholesterol emboli, renal emboli	2,084	0.4	74.0	0.1	15.1	84.8	64.2	92.5	5.0	0.2	2.3	3.4	0.7	30.7
Cystic/hereditary/congenital diseases	18,144	3.2	51.0	12.5	67.9	19.6	56.9	79.8	13.4	0.7	5.9	11.6	28.9	5.5
Polycystic kidneys, adult type (dominant)	12,755	2.3	54.0	0.3	76.3	23.4	54.2	80.2	13.6	0.5	5.6	9.5	26.3	5.1
Polycystic, infantile (recessive)	245	0.0	14.0	59.6	36.3	4.1	50.6	77.6	14.7	0.4	7.3	14.7	41.2	10.2
Medullary cystic disease, including nephronophthisis	296	0.1	29.0	36.8	51.0	12.2	47.0	82.1	6.8	1.0	10.1	12.8	50.3	5.4
Tuberous sclerosis	194	0.0	60.0	3.1	55.2	41.8	44.3	84.0	13.9	0.0	2.1	7.7	6.2	21.1
Hereditary nephritis, Alport's syndrome	810	0.1	35.0	17.2	74.4	8.4	66.7	83.6	8.8	0.9	6.3	11.0	37.4	1.7
Cystinosis	93	0.0	17.0	61.3	28.0	10.8	49.5	91.4	2.2	0.0	6.5	11.8	59.1	4.3
Primary oxalosis	65	0.0	39.0	27.7	56.9	15.4	56.9	83.1	9.2	1.5	4.6	7.7	35.4	12.3
Fabry's disease	87	0.0	47.0	0.0	92.0	8.0	83.9	82.8	9.2	0.0	8.0	13.8	36.8	2.3
Congenital nephrotic syndrome	317	0.1	32.0	39.4	47.6	12.9	55.2	71.0	21.1	0.6	6.9	21.1	31.2	11.0
Drash syndrome, mesangial sclerosis	113	0.0	58.0	25.7	38.9	35.4	61.1	83.2	15.0	0.0	0.9	13.3	14.2	21.2
Congenital obstruction of ureteropelvic junction	182	0.0	37.0	29.1	57.1	13.7	62.1	79.7	15.4	2.2	2.2	11.0	19.2	8.2
Congenital obstruction of ureterovesical junction	154	0.0	27.0	29.2	65.6	5.2	72.7	79.9	12.3	1.9	5.2	14.3	35.1	2.6
Other congenital obstructive uropathy	1,124	0.2	24.0	43.1	44.7	12.3	73.6	77.5	14.4	1.7	6.0	16.9	29.8	7.3
Renal hypoplasia, dysplasia, oligonephronia	1,006	0.2	13.0	74.0	21.6	4.5	61.1	73.9	14.7	1.9	8.7	25.4	41.1	4.2
Prune belly syndrome	116	0.0	11.0	73.3	23.3	3.4	96.6	73.3	15.5	1.7	7.8	20.7	45.7	5.2
Other (congenital malformation syndromes)	587	0.1	29.0	31.2	58.8	10.1	57.9	80.2	11.4	1.0	7.2	17.4	34.8	5.8

Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2006–2010 combined

by detailed primary diagnosis

ROW PERCENT	Total patients	% inc.	Median age	Age	% male			Black				Hisp.	% Tx 1st yr	Died 1st yr
				0-19	20-64	65+	White	Af Am	N Am	Asian				
Neoplasms/tumors	13,685	2.4	67.0	1.0	37.4	56.9	64.2	79.8	17.2	0.7	2.3	7.4	3.4	42.4
Renal tumor (malignant)	2,279	0.4	69.0	1.3	34.8	63.9	72.9	82.7	15.3	0.6	1.4	6.1	1.6	29.6
Urinary tract tumor (malignant)	739	0.1	73.0	0.0	26.4	73.6	82.5	83.5	13.9	0.7	1.9	7.0	0.1	50.2
Renal tumor (benign)	95	0.0	70.0	2.1	33.7	64.2	65.3	82.1	12.6	0.0	5.3	9.5	5.3	16.8
Urinary tract tumor (benign)	46	0.0	71.0	0.0	32.6	67.4	84.8	93.5	6.5	0.0	0.0	10.9	2.2	23.9
Renal tumor (unspecified)	272	0.0	70.0	0.7	31.6	67.6	67.3	78.3	16.9	1.1	3.7	7.4	4.8	30.9
Urinary tract tumor (unspecified)	164	0.0	72.0	0.0	28.7	71.3	74.4	83.5	14.0	1.2	1.2	12.8	0.0	45.7
Lymphoma of kidneys	187	0.0	66.0	1.1	46.5	52.4	74.9	84.0	12.3	1.1	1.6	8.6	1.1	48.7
Multiple myeloma	5,618	1.0	69.0	0.1	37.5	62.4	58.2	75.5	21.8	0.6	2.1	7.5	0.0	54.6
Other immuno prolif. neoplasms (inc. light chain neph.)	693	0.1	68.0	0.3	40.1	59.6	61.6	81.4	15.4	0.9	2.2	6.1	1.0	40.3
Amyloidosis	1,338	0.2	65.0	0.2	47.6	52.2	58.8	81.8	15.5	0.4	2.0	9.7	2.9	39.1
Complications of transplanted organ	2,254	0.4	59.0	3.9	66.3	29.8	65.6	83.8	11.2	1.0	4.0	7.0	15.9	26.7
Complications of transplanted organ, unspecified	24	0.0	59.0	8.3	58.3	33.3	66.7	79.2	8.3	4.2	8.3	12.5	20.8	8.3
Complications of transplanted kidney	142	0.0	53.0	4.9	78.2	16.9	60.6	66.2	14.1	1.4	18.3	23.2	26.8	15.5
Complications of transplanted liver	941	0.2	58.0	1.6	73.2	25.2	61.3	87.4	8.4	1.2	3.1	7.8	17.3	24.8
Complications of transplanted heart	753	0.1	62.0	3.7	54.2	42.1	76.6	81.5	15.1	0.9	2.4	4.6	12.1	28.8
Complications of transplanted lung	230	0.0	58.0	1.3	72.6	26.1	53.9	89.1	8.3	0.0	2.6	1.3	13.5	31.7
Complications of transplanted bone marrow	111	0.0	45.0	22.5	66.7	10.8	58.6	83.8	12.6	0.0	3.6	6.3	17.1	37.8
Complications of transplanted pancreas	14	0.0	59.0	0.0	71.4	28.6	42.9	92.9	7.1	0.0	0.0	0.0	7.1	21.4
Complications of transplanted intestine	11	0.0	48.0	0.0	72.7	27.3	54.5	81.8	9.1	9.1	0.0	0.0	18.2	27.3
Complications of other specified transplanted organ	28	0.0	52.0	25.0	50.0	25.0	75.0	71.4	10.7	0.0	17.9	10.7	28.6	25.0
Miscellaneous conditions	33,298	5.9	63.0	1.2	52.3	46.4	60.4	72.0	24.8	0.7	2.4	8.1	4.1	35.7
Sickle cell disease/anemia	493	0.1	43.0	2.2	93.1	4.7	51.7	4.1	95.3	0.0	0.4	2.8	3.0	26.4
Sickle cell trait and other sickle cell (HbS/Hb other)	23	0.0	54.0	0.0	87.0	13.0	43.5	4.3	95.7	0.0	0.0	0.0	0.0	26.1
Post-partum renal failure	110	0.0	30.0	11.8	87.3	0.9	2.7	64.5	30.9	0.0	4.5	20.9	10.9	5.5
AIDS nephropathy	3,834	0.7	45.0	0.7	95.5	3.8	66.8	13.1	86.0	0.2	0.4	6.8	0.4	26.8
Traumatic or surgical loss of kidney(s)	625	0.1	66.0	2.2	45.1	52.6	67.2	82.2	14.4	0.5	2.4	7.2	4.6	25.1
Hepatorenal syndrome	2,929	0.5	56.0	0.2	78.1	21.7	65.4	83.0	11.2	2.0	3.6	14.7	17.8	59.7
Tubular necrosis (no recovery)	17,443	3.1	68.0	0.8	41.4	57.7	58.3	82.0	15.3	0.6	1.9	7.3	0.7	36.3
Other renal disorders	7,841	1.4	67.0	2.4	43.3	54.2	60.7	78.0	17.3	0.7	4.0	8.5	8.5	31.5
Etiology uncertain	22,081	3.9	66.0	2.8	44.9	52.2	58.7	72.8	21.3	0.8	5.0	13.1	5.7	27.7
Missing	5,892	1.0	61.0	4.3	54.0	41.7	58.3	42.1	21.8	2.0	9.6	0.0	25.0	27.1

Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2006–2010 combined

by detailed primary diagnosis

COLUMN PERCENT	Total patients	Counts				Percent				
		White	Black/ Af Am	N Am	Asian	White	Black/ Af Am	N Am	Asian	Hispanic
All ESRD, (reference)	568,498	373,156	159,848	6,689	26,632	100.0	100.0	100.0	100.0	100.0
Diabetes	251,099	164,536	69,058	4,481	12,688	44.4	43.6	68.2	48.7	59.6
Diabetes with renal manifestations, Type 2	227,740	148,303	63,157	4,169	11,798	40.0	39.8	63.4	45.3	55.6
Diabetes with renal manifestations, Type 1	23,359	16,233	5,901	312	890	4.4	3.7	4.7	3.4	4.1
Glomerulonephritis	37,604	25,283	8,998	461	2,781	6.8	5.7	7.0	10.7	6.5
Glomerulonephritis (GN; histologically not examined)	13,034	8,878	2,897	150	1,081	2.4	1.8	2.3	4.1	2.8
Focal glomerulosclerosis, focal sclerosing GN	12,078	7,111	4,299	118	526	1.9	2.7	1.8	2.0	1.7
Membranous nephropathy	2,399	1,616	670	22	87	0.4	0.4	0.3	0.3	0.4
Membranoproliferative GN type 1, diffuse MPGN	1,565	1,146	302	22	91	0.3	0.2	0.3	0.3	0.3
Dense deposit disease, MPGN type 2	142	117	14	*	*	0.0	0.0	0.0	0.0	0.0
IgA nephropathy, Berger's (by immunofluorescence)	4,789	3,551	301	95	830	1.0	0.2	1.4	3.2	0.8
IgM nephropathy (by immunofluorescence)	316	237	38	*	38	0.1	0.0	0.0	0.1	0.1
With lesion of rapidly progressive GN	1,149	941	148	18	37	0.3	0.1	0.3	0.1	0.2
Post-infectious GN, SBE	590	484	74	12	19	0.1	0.0	0.2	0.1	0.1
Other proliferative GN	1,542	1,202	255	19	63	0.3	0.2	0.3	0.2	0.3
Secondary GN/vasculitis	11,711	7,512	3,487	138	554	2.0	2.2	2.1	2.1	2.1
Lupus erythematosus (SLE nephritis)	5,507	2,331	2,713	65	386	0.6	1.7	1.0	1.5	1.3
Henoch-Schonlein syndrome	126	107	*	0	*	0.0	0.0	0.0	0.0	0.0
Scleroderma	589	468	99	*	15	0.1	0.1	0.1	0.1	0.1
Hemolytic uremic syndrome	669	535	107	*	22	0.1	0.1	0.1	0.1	0.1
Polyarteritis	278	240	21	*	*	0.1	0.0	0.1	0.0	0.0
Wegener's granulomatosis	1,778	1,617	108	17	36	0.4	0.1	0.3	0.1	0.2
Nephropathy due to heroin abuse and related drugs	205	113	88	*	*	0.0	0.1	0.0	0.0	0.1
Other vasculitis and its derivatives	1,280	1,075	137	23	42	0.3	0.1	0.4	0.2	0.2
Goodpasture's syndrome	653	583	45	*	17	0.2	0.0	0.1	0.1	0.1
Secondary GN, other	626	443	159	*	18	0.1	0.1	0.1	0.1	0.1
Interstitial nephritis/pyelonephritis	17,006	14,046	2,198	104	635	3.8	1.4	1.6	2.4	1.8
Analgesic abuse	908	763	103	*	33	0.2	0.1	0.1	0.1	0.1
Radiation nephritis	239	207	26	*	*	0.1	0.0	0.0	0.0	0.0
Lead nephropathy	22	*	12	0	0	0.0	0.0	0.0	0.0	0.0
Nephropathy caused by other agents	2,695	2,239	359	14	82	0.6	0.2	0.2	0.3	0.2
Gouty nephropathy	208	109	39	*	58	0.0	0.0	0.0	0.2	0.0
Nephrolithiasis	959	807	79	*	68	0.2	0.0	0.1	0.3	0.1
Acquired obstructive uropathy	5,104	4,249	707	37	100	1.1	0.4	0.6	0.4	0.7
Chronic pyelonephritis, reflux nephropathy	1,547	1,322	111	16	93	0.4	0.1	0.2	0.4	0.2
Chronic interstitial nephritis	3,535	2,887	484	15	147	0.8	0.3	0.2	0.6	0.3
Acute interstitial nephritis	1,410	1,145	228	*	29	0.3	0.1	0.1	0.1	0.1
Urolithiasis	225	183	26	0	16	0.0	0.0	0.0	0.1	0.0
Other disorders of calcium metabolism	154	125	24	0	*	0.0	0.0	0.0	0.0	0.0
Hypertensive/large vessel disease	157,978	93,859	57,075	756	6,138	25.3	36.0	11.5	23.5	19.0
Unspecified with renal failure	149,310	86,084	56,391	726	5,962	23.2	35.6	11.0	22.9	18.5
Renal artery stenosis	5,525	4,925	470	17	110	1.3	0.3	0.3	0.4	0.3
Renal artery occlusion	1,059	922	110	*	19	0.2	0.1	0.1	0.1	0.1
Cholesterol emboli, renal emboli	2,084	1,928	104	*	47	0.5	0.1	0.1	0.2	0.1
Cystic/hereditary/congenital diseases	18,144	14,474	2,428	132	1,072	3.9	1.5	2.0	4.1	2.7
Polycystic kidneys, adult type (dominant)	12,755	10,233	1,732	65	711	2.8	1.1	1.0	2.7	1.5
Polycystic, infantile (recessive)	245	190	36	*	18	0.1	0.0	0.0	0.1	0.0
Medullary cystic disease, including nephronphthisis	296	243	20	*	30	0.1	0.0	0.0	0.1	0.0
Tuberous sclerosis	194	163	27	0	*	0.0	0.0	0.0	0.0	0.0
Hereditary nephritis, Alport's syndrome	810	677	71	*	51	0.2	0.0	0.1	0.2	0.1
Cystinosis	93	85	*	0	*	0.0	0.0	0.0	0.0	0.0
Primary oxalosis	65	54	*	*	*	0.0	0.0	0.0	0.0	0.0
Fabry's disease	87	72	*	0	*	0.0	0.0	0.0	0.0	0.0
Congenital nephrotic syndrome	317	225	67	*	22	0.1	0.0	0.0	0.1	0.1
Drash syndrome, mesangial sclerosis	113	94	17	0	*	0.0	0.0	0.0	0.0	0.0
Congenital obstruction of ureterpelvic junction	182	145	28	*	*	0.0	0.0	0.1	0.0	0.0
Congenital obstruction of uretrovesical junction	154	123	19	*	*	0.0	0.0	0.0	0.0	0.0
Other congenital obstructive uropathy	1,124	871	162	19	68	0.2	0.1	0.3	0.3	0.2
Renal hypoplasia, dysplasia, oligonephronia	1,006	743	148	19	88	0.2	0.1	0.3	0.3	0.3
Prune belly syndrome	116	85	18	*	*	0.0	0.0	0.0	0.0	0.0
Other (congenital malformation syndromes)	587	471	67	*	42	0.1	0.0	0.1	0.2	0.1

Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2006–2010 combined*by detailed primary diagnosis*

COLUMN PERCENT	Total patients	Counts				Percent				
		White	Black/ Af Am	N Am	Asian	White	Black/ Af Am	N Am	Asian	Hispanic
Neoplasms/tumors	13,685	10,917	2,351	93	314	2.9	1.5	1.4	1.2	1.3
Renal tumor (malignant)	2,279	1,884	349	14	32	0.5	0.2	0.2	0.1	0.2
Urinary tract tumor (malignant)	739	617	103	*	14	0.2	0.1	0.1	0.1	0.1
Renal tumor (benign)	95	78	12	0	*	0.0	0.0	0.0	0.0	0.0
Urinary tract tumor (benign)	46	43	*	0	0	0.0	0.0	0.0	0.0	0.0
Renal tumor (unspecified)	272	213	46	*	*	0.1	0.0	0.0	0.0	0.0
Urinary tract tumor (unspecified)	164	137	23	*	*	0.0	0.0	0.0	0.0	0.0
Lymphoma of kidneys	187	157	23	*	*	0.0	0.0	0.0	0.0	0.0
Multiple myeloma	5,618	4,240	1,224	33	116	1.1	0.8	0.5	0.4	0.5
Other immuno prolifer. neoplasms (inc. light chain neph.)	693	564	107	*	15	0.2	0.1	0.1	0.1	0.1
Amyloidosis	1,338	1,095	208	*	27	0.3	0.1	0.1	0.1	0.2
Complications of transplanted organ	2,254	1,889	253	22	90	0.5	0.2	0.3	0.4	0.2
Complications of transplanted organ, unspecified	24	19	*	*	*	0.0	0.0	0.0	0.0	0.0
Complications of transplanted kidney	142	94	20	*	26	0.0	0.0	0.0	0.1	0.0
Complications of transplanted liver	941	822	79	11	29	0.2	0.0	0.2	0.1	0.1
Complications of transplanted heart	753	614	114	*	18	0.2	0.1	0.1	0.1	0.0
Complications of transplanted lung	230	205	19	0	*	0.1	0.0	0.0	0.0	0.0
Complications of transplanted bone marrow	111	93	14	0	*	0.0	0.0	0.0	0.0	0.0
Complications of transplanted pancreas	14	13	*	0	0	0.0	0.0	0.0	0.0	0.0
Complications of transplanted intestine	11	*	*	*	0	0.0	0.0	0.0	0.0	0.0
Complications of other specified transplanted organ	28	20	*	0	*	0.0	0.0	0.0	0.0	0.0
Miscellaneous conditions	33,298	23,965	8,271	226	792	6.5	5.2	3.4	3.0	3.4
Sickle cell disease/anemia	493	20	470	0	*	0.0	0.3	0.0	0.0	0.0
Sickle cell trait and other sickle cell (HbS/Hb other)	23	*	22	0	0	0.0	0.0	0.0	0.0	0.0
Post-partum renal failure	110	71	34	0	*	0.0	0.0	0.0	0.0	0.0
AIDS nephropathy	3,834	501	3,297	*	16	0.1	2.1	0.1	0.1	0.3
Traumatic or surgical loss of kidney(s)	625	514	90	*	15	0.1	0.1	0.0	0.1	0.1
Hepatorenal syndrome	2,929	2,432	329	59	105	0.7	0.2	0.9	0.4	0.5
Tubular necrosis (no recovery)	17,443	14,308	2,676	106	335	3.9	1.7	1.6	1.3	1.6
Other renal disorders	7,841	6,118	1,353	51	314	1.7	0.9	0.8	1.2	0.8
Etiology uncertain	22,081	16,082	4,699	180	1,095	4.3	3.0	2.7	4.2	3.7
Missing	5,892	2,482	1,283	118	563	0.7	0.8	1.8	2.2	0.0

Table B.1

Point prevalent counts of reported ESRD: all patients

patients alive on December 31 of each year, by age, gender, race, ethnicity, & primary diagnosis

	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	283	344	409	475	486	488	483	536	556	535	586	600	691	797
5-9	427	711	816	897	925	944	972	1,001	1,016	1,023	1,014	1,036	1,068	1,125
10-14	862	1,168	1,536	1,794	1,825	1,923	1,892	1,889	1,874	1,913	1,876	1,900	1,899	1,889
15-19	1,985	2,402	2,874	3,306	3,393	3,469	3,642	3,785	3,919	3,990	4,111	4,079	4,052	4,000
20-29	10,665	13,707	15,636	16,794	16,818	16,790	16,877	17,141	17,475	17,818	18,172	18,654	18,993	19,178
30-39	18,538	28,168	37,208	41,658	42,097	42,485	42,668	42,666	43,019	43,462	43,767	43,976	44,260	44,401
40-49	18,095	32,277	52,592	69,154	71,619	73,865	76,039	78,285	79,866	82,028	83,338	84,924	86,860	88,609
50-59	21,675	33,490	53,639	82,812	89,149	94,539	100,117	106,358	113,400	119,105	123,802	128,580	133,187	137,633
60-64	12,595	19,845	29,128	40,447	42,903	45,980	49,195	52,014	54,764	58,760	63,782	68,583	73,961	79,548
65-69	11,024	20,103	30,873	40,376	42,571	44,317	46,337	48,456	50,468	53,518	57,000	60,450	64,060	67,112
70-74	8,568	16,036	28,060	37,608	39,123	40,597	41,776	43,209	44,449	46,463	48,387	50,624	52,786	55,438
75-79	5,470	10,951	19,739	30,765	32,156	33,788	34,974	36,023	37,223	38,194	39,221	40,119	41,539	43,369
80-84	2,256	5,541	10,866	18,013	19,720	21,571	23,123	24,416	25,630	26,476	27,467	28,446	29,520	30,593
85+	746	2,096	4,650	8,883	9,825	10,823	11,916	13,105	14,338	15,607	16,731	18,071	19,506	20,682
Unknown	14	*	*	.	.	.	.	.	.	*	*	*	*	.
0-19	3,557	4,625	5,635	6,472	6,629	6,824	6,989	7,211	7,365	7,461	7,587	7,615	7,710	7,811
20-44	38,100	58,582	77,829	89,943	91,330	92,292	93,249	94,370	95,605	97,030	98,148	99,122	100,139	101,245
45-64	43,468	68,905	110,374	160,922	171,256	181,367	191,647	202,094	212,919	224,143	234,713	245,595	257,122	268,124
65-74	19,592	36,139	58,933	77,984	81,694	84,914	88,113	91,665	94,917	99,981	105,387	111,074	116,846	122,550
75+	8,472	18,588	35,255	57,661	61,701	66,182	70,013	73,544	77,191	80,277	83,419	86,636	90,565	94,644
Unknown	14	*	*	.	.	.	.	.	.	*	*	*	*	.
Male	62,013	100,916	155,220	214,960	226,503	238,099	248,874	260,484	272,259	285,236	297,695	310,472	323,904	337,441
Female	51,182	85,915	132,805	178,021	186,106	193,479	201,134	208,398	215,734	223,654	231,556	239,567	248,471	256,920
Unknown	*	12	*	*	*	*	*	*	*	*	*	*	*	13
White	75,939	121,169	179,227	240,959	253,122	264,254	274,852	286,521	298,264	311,161	323,035	334,988	347,732	360,289
Black/Af Am	33,555	57,972	93,268	126,781	132,292	138,189	143,914	148,733	154,452	160,888	167,487	174,268	181,305	187,864
Native American	1,101	2,199	3,815	5,421	5,717	5,912	6,077	6,333	6,558	6,812	7,131	7,361	7,700	8,085
Asian	1,912	4,815	10,037	15,789	17,035	18,305	19,544	20,811	22,148	23,990	25,977	28,080	30,436	32,862
Other/unknown	696	688	1,680	4,032	4,444	4,919	5,624	6,486	6,575	6,042	5,625	5,347	5,211	5,274
†Hispanic				48,045	51,773	55,785	59,920	64,134	68,171	72,820	77,854	82,924	88,060	93,510
†Non-Hispanic				344,937	360,837	375,794	390,091	404,750	419,826	436,073	451,401	467,120	484,324	500,864
Diabetes	20,961	48,018	90,483	139,515	148,563	156,711	164,537	172,656	180,475	189,211	197,749	206,527	215,757	224,722
Hypertension	25,661	47,975	75,069	96,366	100,882	105,510	110,519	115,001	119,257	123,748	129,016	134,564	141,042	147,174
Glomerulonephritis	26,964	40,600	55,768	69,291	71,392	73,482	75,195	77,273	78,959	80,603	81,963	83,540	85,018	86,499
Cystic kidney	6,901	10,091	14,058	18,140	18,936	19,751	20,629	21,518	22,582	23,765	24,881	26,154	27,288	28,345
Other urologic	4,223	6,262	8,485	11,899	12,444	13,025	13,445	13,773	13,575	13,393	13,142	13,107	13,131	13,220
Other cause	14,429	21,771	30,991	40,273	41,942	43,733	45,346	47,343	50,431	53,950	57,129	59,873	62,640	65,402
Unknown cause	7,493	8,514	10,410	14,174	15,026	15,784	16,487	17,140	18,181	19,355	20,300	20,938	21,446	21,958
Missing disease	6,571	3,612	2,763	3,324	3,425	3,583	3,853	4,180	4,537	4,868	5,075	5,341	6,062	7,054
U.S.	111,231	183,274	283,351	387,385	406,839	425,573	443,669	462,098	480,849	501,232	521,156	541,498	563,332	584,544
U.S. territories	69	168	347	565	594	652	678	701	705	765	824	890	932	1,018
Puerto Rico	1,352	2,194	3,172	3,953	4,100	4,255	4,405	4,615	4,789	5,077	5,338	5,586	5,848	6,145
Foreign	87	151	286	351	351	360	365	375	368	361	358	343	326	315
Unknown	464	1,056	871	728	726	739	894	1,095	1,286	1,458	1,579	1,727	1,946	2,352
All	113,203	186,843	288,027	392,982	412,610	431,579	450,011	468,884	487,997	508,893	529,255	550,044	572,384	594,374
Total lost-to-followup	3,608	4,608	5,826	7,974	8,649	9,299	10,139	10,943	11,899	13,027	14,220	15,670	17,439	19,425
Recovery of renal function	647	2,173	4,845	8,467	9,531	10,755	12,050	13,595	15,289	17,095	19,235	21,430	23,947	26,224
All with lost-to-followup & recovery of renal function	117,458	193,624	298,698	409,423	430,790	451,633	472,200	493,422	515,185	539,015	562,710	587,144	613,770	640,023

Table B.1 (continued)

Point prevalent counts of reported ESRD patients: U.S. only, with unknowns dropped*patients alive on December 31 of each year, by age, gender, race, ethnicity, & primary diagnosis*

	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	274	333	397	459	463	456	447	492	512	501	552	570	651	751
5-9	416	692	790	866	888	911	933	951	967	965	952	962	992	1,048
10-14	843	1,140	1,494	1,747	1,777	1,865	1,818	1,800	1,778	1,806	1,773	1,814	1,811	1,789
15-19	1,949	2,329	2,792	3,216	3,298	3,350	3,513	3,638	3,756	3,838	3,949	3,903	3,877	3,800
20-29	10,447	13,398	15,298	16,321	16,333	16,246	16,268	16,439	16,734	17,107	17,514	18,002	18,363	18,533
30-39	18,097	27,528	36,492	40,731	41,095	41,397	41,453	41,338	41,681	42,124	42,402	42,656	42,942	43,048
40-49	17,619	31,428	51,447	67,684	70,096	72,281	74,302	76,365	77,857	80,004	81,329	82,872	84,757	86,396
50-59	21,126	32,626	52,251	80,667	86,868	92,122	97,462	103,458	110,433	116,194	120,928	125,715	130,271	134,536
60-64	12,359	19,396	28,389	39,353	41,728	44,744	47,839	50,545	53,256	57,208	62,139	66,895	72,210	77,704
65-69	10,815	19,797	30,312	39,427	41,567	43,261	45,208	47,225	49,161	52,242	55,704	59,084	62,650	65,600
70-74	8,410	15,819	27,663	36,899	38,378	39,757	40,894	42,260	43,517	45,508	47,405	49,603	51,691	54,275
75-79	5,367	10,796	19,508	30,311	31,635	33,256	34,368	35,391	36,581	37,566	38,590	39,465	40,822	42,657
80-84	2,208	5,460	10,718	17,798	19,484	21,309	22,824	24,087	25,277	26,102	27,096	28,062	29,133	30,177
85+	716	2,062	4,593	8,767	9,701	10,682	11,771	12,932	14,171	15,427	16,542	17,862	19,278	20,427
0-19	3,482	4,494	5,473	6,288	6,426	6,582	6,711	6,881	7,013	7,110	7,226	7,249	7,331	7,388
20-44	37,184	57,214	76,242	87,916	89,182	89,948	90,634	91,459	92,608	94,080	95,237	96,235	97,261	98,277
45-64	42,464	67,162	107,635	156,840	166,938	176,842	186,690	196,686	207,353	218,557	229,075	239,905	251,282	261,940
65-74	19,225	35,616	57,975	76,326	79,945	83,018	86,102	89,485	92,678	97,750	103,109	108,687	114,341	119,875
75+	8,291	18,318	34,819	56,876	60,820	65,247	68,963	72,410	76,029	79,095	82,228	85,389	89,233	93,261
Male	60,521	98,542	151,753	209,727	220,901	232,050	242,228	253,233	264,773	277,772	290,172	302,809	316,015	329,098
Female	50,125	84,262	130,391	174,519	182,410	189,587	196,872	203,688	210,908	218,820	226,703	234,656	243,433	251,643
White	74,513	118,694	176,057	237,414	249,446	260,469	270,855	282,385	293,914	306,471	318,053	329,714	342,160	354,460
Black/Af Am	33,222	57,395	92,660	126,180	131,687	137,562	143,272	148,061	153,734	160,083	166,604	173,329	180,330	186,785
Native American	1,086	2,176	3,792	5,402	5,699	5,894	6,057	6,315	6,536	6,774	7,080	7,300	7,613	7,968
Asian	1,825	4,539	9,635	15,250	16,479	17,712	18,916	20,160	21,497	23,264	25,138	27,122	29,345	31,528
†Hispanic				42,443	45,698	49,192	52,681	56,282	60,125	64,843	69,869	74,895	79,934	85,202
†Non-Hispanic				341,803	357,613	372,445	386,419	400,639	415,556	431,749	447,006	462,570	479,514	495,539
Diabetes	20,549	46,982	88,572	136,097	144,876	152,761	160,160	167,941	175,707	184,575	193,113	201,831	211,003	219,794
Hypertension	25,289	47,316	74,020	94,929	99,349	103,845	108,666	112,971	117,187	121,735	127,042	132,609	139,053	145,182
Glomerulonephritis	26,369	39,726	54,630	67,728	69,755	71,738	73,354	75,300	76,953	78,603	79,975	81,544	83,047	84,521
Cystic kidney	6,826	9,979	13,866	17,879	18,658	19,457	20,308	21,156	22,207	23,387	24,501	25,774	26,906	27,960
Other urologic	4,120	6,101	8,293	11,655	12,188	12,752	13,176	13,500	13,294	13,101	12,853	12,819	12,845	12,919
Other cause	14,264	21,525	30,572	39,670	41,286	43,017	44,604	46,509	49,583	53,096	56,251	58,990	61,733	64,469
Unknown cause	7,138	8,182	10,030	13,665	14,474	15,208	15,848	16,437	17,500	18,696	19,656	20,309	20,834	21,361
Missing disease	6,091	2,993	2,161	2,623	2,725	2,859	2,984	3,107	3,250	3,399	3,484	3,589	4,027	4,535
All	110,646	182,804	282,144	384,246	403,311	421,637	439,100	456,921	475,681	496,592	516,875	537,465	559,448	580,741
Patients dropped	2,557	4,039	5,883	8,736	9,299	9,942	10,911	11,963	12,316	12,301	12,380	12,579	12,936	13,633

Table B.2

Point prevalent rates of reported ESRD*patients alive on December 31 of each year, per million population, by age, gender, race, ethnicity, & primary diagnosis*

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	15	17	20	24	24	23	23	25	26	25	27	28	32	37
5-9	25	38	40	43	44	46	48	49	50	49	48	48	49	51
10-14	50	65	77	84	84	87	85	84	84	86	85	88	88	86
15-19	104	133	150	158	161	162	168	171	174	175	178	176	176	174
20-29	244	333	404	424	421	415	410	409	410	413	418	426	431	431
30-39	472	649	815	947	964	984	1,002	1,014	1,032	1,048	1,057	1,063	1,069	1,071
40-49	678	974	1,332	1,569	1,599	1,629	1,658	1,695	1,727	1,785	1,831	1,883	1,940	1,991
50-59	960	1,483	2,061	2,521	2,611	2,678	2,742	2,805	2,885	2,958	3,021	3,076	3,123	3,160
60-64	1,136	1,828	2,804	3,578	3,677	3,767	3,844	3,913	3,993	4,056	4,140	4,252	4,362	4,461
65-69	1,145	1,968	3,040	4,131	4,330	4,444	4,543	4,641	4,720	4,854	4,937	4,989	5,092	5,154
70-74	1,113	1,943	3,117	4,174	4,368	4,564	4,737	4,915	5,045	5,237	5,375	5,496	5,598	5,762
75-79	962	1,737	2,866	4,070	4,239	4,444	4,595	4,743	4,907	5,060	5,234	5,391	5,589	5,825
80-84	644	1,368	2,347	3,516	3,735	3,986	4,178	4,325	4,490	4,605	4,746	4,898	5,076	5,238
85+	265	660	1,229	2,045	2,235	2,418	2,612	2,799	2,965	3,115	3,232	3,382	3,537	3,638
0-19	50	62	71	78	79	81	82	84	85	86	87	87	88	89
20-44	390	567	739	844	855	864	872	881	893	908	919	929	937	945
45-64	952	1,442	2,008	2,471	2,545	2,610	2,672	2,730	2,795	2,870	2,943	3,020	3,101	3,174
65-74	1,131	1,957	3,076	4,152	4,348	4,501	4,633	4,766	4,867	5,025	5,129	5,208	5,309	5,413
75+	708	1,374	2,304	3,386	3,573	3,783	3,952	4,102	4,256	4,383	4,518	4,658	4,825	4,987
Male	520	804	1,158	1,507	1,572	1,636	1,692	1,752	1,814	1,885	1,950	2,017	2,086	2,154
Female	408	655	953	1,209	1,252	1,289	1,327	1,361	1,397	1,435	1,473	1,511	1,554	1,594
White	368	564	795	1,026	1,071	1,111	1,148	1,189	1,230	1,274	1,313	1,353	1,396	1,438
Black/Af Am	1,155	1,853	2,715	3,411	3,511	3,621	3,723	3,795	3,885	3,986	4,088	4,192	4,302	4,399
Native American	620	1,040	1,524	1,780	1,814	1,814	1,801	1,812	1,809	1,806	1,816	1,802	1,812	1,833
Asian	315	585	982	1,254	1,298	1,341	1,379	1,416	1,456	1,521	1,588	1,658	1,742	1,821
†Hispanic				1,166	1,206	1,251	1,292	1,332	1,372	1,428	1,487	1,542	1,596	1,653
†Non-Hispanic				1,383	1,440	1,493	1,541	1,590	1,642	1,697	1,748	1,801	1,859	1,913
Diabetes	86	187	331	480	506	529	550	571	592	616	638	661	685	708
Hypertension	106	188	276	335	347	359	373	384	395	406	420	434	451	467
Glomerulonephritis	110	158	204	239	244	248	252	256	259	262	264	267	270	272
Cystic kidney	29	40	52	63	65	67	70	72	75	78	81	84	87	90
Other urologic	17	24	31	41	43	44	45	46	45	44	42	42	42	42
Other cause	60	86	114	140	144	149	153	158	167	177	186	193	200	208
Unknown cause	30	33	37	48	51	53	54	56	59	62	65	66	68	69
Missing disease	25	12	8	9	10	10	10	11	11	11	12	12	13	15
All	463	727	1,053	1,355	1,409	1,460	1,507	1,553	1,602	1,656	1,708	1,760	1,816	1,870

Table B.2 (continued)

Point prevalent rates of reported ESRD

patients alive on December 31 of each year, per million population, by age, gender, race, ethnicity, & primary diagnosis

ADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	15	17	20	24	24	23	22	24	25	25	27	28	32	37
5-9	24	37	40	42	44	46	47	49	49	49	47	47	48	51
10-14	50	64	76	83	83	86	84	83	83	85	85	87	87	86
15-19	102	131	147	155	157	159	164	167	169	171	174	173	173	172
20-29	243	327	396	418	418	413	408	406	405	407	411	417	422	423
30-39	491	667	822	942	958	978	995	1,005	1,020	1,033	1,038	1,043	1,049	1,053
40-49	740	1,066	1,424	1,632	1,653	1,675	1,696	1,724	1,748	1,797	1,836	1,880	1,932	1,979
50-59	1,073	1,662	2,319	2,812	2,892	2,936	2,980	3,027	3,088	3,145	3,193	3,234	3,267	3,290
60-64	1,323	2,113	3,173	3,980	4,091	4,199	4,288	4,350	4,425	4,487	4,565	4,655	4,740	4,815
65-69	1,334	2,318	3,531	4,661	4,851	4,955	5,052	5,150	5,230	5,379	5,479	5,540	5,651	5,714
70-74	1,304	2,338	3,805	4,869	5,056	5,261	5,424	5,581	5,679	5,865	6,008	6,139	6,250	6,421
75-79	1,152	2,125	3,548	4,914	5,075	5,278	5,427	5,566	5,725	5,865	6,041	6,197	6,400	6,641
80-84	829	1,765	3,060	4,453	4,677	4,991	5,214	5,322	5,470	5,579	5,727	5,888	6,081	6,252
85+	375	948	1,763	2,844	3,103	3,327	3,565	3,756	3,952	4,131	4,278	4,440	4,603	4,702
0-19	48	62	71	76	77	78	79	81	82	82	83	84	85	86
20-44	425	588	735	821	833	842	851	861	875	892	905	918	930	940
45-64	1,074	1,655	2,355	2,870	2,943	2,998	3,048	3,091	3,143	3,198	3,248	3,303	3,358	3,402
65-74	1,319	2,328	3,668	4,765	4,953	5,108	5,238	5,366	5,455	5,622	5,744	5,839	5,950	6,068
75+	785	1,613	2,790	4,070	4,285	4,532	4,736	4,881	5,049	5,191	5,348	5,508	5,695	5,865
Male	624	957	1,355	1,702	1,759	1,812	1,855	1,899	1,943	1,996	2,040	2,083	2,128	2,169
Female	440	692	985	1,200	1,231	1,255	1,279	1,298	1,318	1,342	1,362	1,382	1,406	1,425
White	385	582	807	1,018	1,056	1,087	1,115	1,146	1,175	1,207	1,233	1,258	1,285	1,311
Black/Af Am	1,603	2,560	3,724	4,526	4,614	4,709	4,789	4,823	4,878	4,951	5,028	5,103	5,181	5,242
Native American	967	1,673	2,464	2,766	2,793	2,763	2,725	2,714	2,670	2,640	2,630	2,591	2,571	2,566
Asian	419	812	1,354	1,651	1,690	1,731	1,760	1,782	1,809	1,862	1,916	1,974	2,040	2,101
†Hispanic				2,083	2,137	2,196	2,242	2,284	2,325	2,388	2,453	2,511	2,558	2,606
†Non-Hispanic				1,366	1,410	1,448	1,482	1,515	1,550	1,587	1,618	1,650	1,686	1,717
Diabetes	99	213	369	513	535	551	565	579	592	607	620	632	645	656
Hypertension	129	220	310	356	365	373	382	389	395	401	409	418	428	437
Glomerulonephritis	122	172	218	248	251	254	255	258	259	260	261	262	262	263
Cystic kidney	33	46	58	67	69	70	71	73	75	77	79	81	83	85
Other urologic	18	26	32	42	43	45	46	46	45	43	42	41	41	40
Other cause	62	89	118	143	147	151	154	159	167	176	184	190	196	202
Unknown cause	34	36	41	50	52	54	55	56	59	62	64	65	65	66
Missing disease	29	13	9	10	10	10	10	11	11	11	11	11	13	14
All	526	815	1,155	1,429	1,471	1,508	1,540	1,570	1,602	1,638	1,670	1,700	1,733	1,763

Table B.3

Point prevalent rates of reported diabetic ESRD

patients alive on December 31 of each year, per million population, by age, gender, race, & ethnicity

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	*	1	*	*	*	*	.	.	*	*	*	*	2	4
5-9	*	*	*	*	*	*	*	*	*	*	.	.	.	*
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	1	1	2	1	1	1	1	1	1	1	1	1	1	1
20-29	28	41	40	34	33	30	28	27	26	26	27	28	28	28
30-39	101	156	198	213	210	209	209	211	211	213	215	216	219	222
40-49	129	248	383	460	472	481	492	503	511	533	547	567	592	612
50-59	209	453	762	1,017	1,055	1,087	1,112	1,137	1,176	1,201	1,221	1,239	1,255	1,260
60-64	262	625	1,192	1,712	1,791	1,838	1,860	1,889	1,929	1,953	1,987	2,040	2,082	2,110
65-69	243	626	1,277	2,016	2,142	2,204	2,270	2,325	2,351	2,418	2,450	2,461	2,507	2,518
70-74	187	550	1,172	1,868	1,987	2,100	2,204	2,317	2,411	2,516	2,577	2,627	2,651	2,739
75-79	126	365	858	1,560	1,673	1,780	1,876	1,959	2,039	2,110	2,203	2,280	2,392	2,503
80-84	59	208	499	1,032	1,148	1,269	1,351	1,435	1,501	1,579	1,665	1,750	1,813	1,897
85+	12	68	184	415	466	529	579	655	706	765	824	877	928	985
0-19	1	1	1	1	0	0	0	0	0	0	0	0	1	1
20-44	71	122	165	181	182	181	181	183	183	186	188	191	193	195
45-64	204	441	738	990	1,027	1,059	1,083	1,107	1,137	1,168	1,198	1,231	1,267	1,293
65-74	218	592	1,228	1,945	2,068	2,155	2,239	2,321	2,378	2,462	2,506	2,533	2,569	2,612
75+	80	248	582	1,108	1,204	1,301	1,377	1,453	1,513	1,574	1,647	1,710	1,781	1,860
Male	88	183	323	487	518	548	575	604	634	666	697	728	759	789
Female	84	191	338	473	494	510	525	539	551	567	581	596	613	628
White	67	143	248	363	385	403	419	438	455	474	492	510	528	546
Black/Af Am	214	471	843	1,183	1,230	1,282	1,323	1,357	1,395	1,440	1,480	1,526	1,573	1,613
Native American	279	572	919	1,136	1,162	1,163	1,162	1,172	1,163	1,151	1,149	1,137	1,141	1,151
Asian	48	127	275	405	432	449	467	486	508	544	571	607	643	677
†Hispanic				556	581	607	631	654	671	700	730	763	794	825
†Non-Hispanic				469	495	517	536	557	578	601	621	642	664	684
All	86	187	331	480	506	529	550	571	592	616	638	661	685	708
ADJUSTED														
0-4	*	1	*	*	*	*	.	.	*	*	*	*	2	4
5-9	*	*	*	*	*	*	*	*	*	*	.	.	.	*
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	1	1	2	1	1	1	1	1	1	1	1	1	1	1
20-29	27	39	39	34	34	31	29	27	26	25	26	28	28	27
30-39	100	156	197	210	208	208	208	210	209	211	212	212	215	220
40-49	137	265	403	474	484	491	500	509	515	535	547	565	589	607
50-59	241	518	871	1,149	1,182	1,203	1,217	1,233	1,262	1,280	1,294	1,306	1,316	1,314
60-64	320	745	1,372	1,921	2,011	2,066	2,092	2,113	2,149	2,169	2,196	2,236	2,261	2,275
65-69	304	765	1,514	2,299	2,420	2,476	2,544	2,603	2,626	2,701	2,741	2,754	2,802	2,805
70-74	233	689	1,467	2,221	2,339	2,462	2,560	2,663	2,744	2,844	2,910	2,963	2,991	3,083
75-79	172	472	1,111	1,929	2,055	2,167	2,266	2,350	2,434	2,491	2,592	2,664	2,778	2,885
80-84	92	290	692	1,354	1,483	1,638	1,739	1,823	1,889	1,975	2,061	2,162	2,227	2,322
85+	18	99	272	595	676	750	812	909	976	1,050	1,127	1,193	1,249	1,308
0-19	1	1	1	1	0	0	0	0	0	0	0	0	1	1
20-44	76	124	160	172	173	173	174	177	178	182	186	189	193	196
45-64	239	521	897	1,199	1,240	1,266	1,283	1,297	1,321	1,341	1,357	1,378	1,399	1,408
65-74	269	727	1,491	2,260	2,380	2,469	2,552	2,633	2,685	2,773	2,825	2,858	2,896	2,944
75+	94	287	692	1,293	1,405	1,518	1,606	1,694	1,766	1,839	1,927	2,006	2,085	2,171
Male	106	219	383	557	587	612	633	656	678	703	724	744	764	781
Female	92	205	355	473	488	497	505	511	517	524	530	536	543	549
White	71	148	253	362	380	394	407	420	432	445	457	466	477	487
Black/Af Am	306	683	1,223	1,668	1,716	1,763	1,794	1,811	1,835	1,866	1,891	1,920	1,948	1,968
Native American	484	1,000	1,595	1,874	1,893	1,869	1,852	1,846	1,803	1,758	1,736	1,702	1,677	1,661
Asian	79	203	427	586	618	633	646	660	678	711	732	762	791	819
†Hispanic				1,117	1,157	1,198	1,225	1,253	1,268	1,299	1,333	1,366	1,393	1,419
†Non-Hispanic				464	484	500	512	526	539	553	564	575	587	597
All	99	213	369	513	535	551	565	579	592	607	620	632	645	656

Table B.3 (continued)

Point prevalent rates of reported diabetic ESRD: CDC diabetic population*patients alive on December 31 of each year, per million population, by age, gender, race, & ethnicity*

UNADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-44	6,728	9,729	12,209	8,782	8,500	8,510	8,488	7,856	6,969	6,846	6,979	6,844	6,473	6,202
45-64	3,659	7,995	12,414	12,124	11,956	11,886	11,808	11,501	11,342	11,388	11,157	10,789	10,703	10,912
65-74	2,185	6,042	11,392	13,031	12,975	13,016	13,001	13,080	13,211	13,387	13,433	13,338	13,159	13,341
75+	906	3,291	6,323	9,615	9,825	9,910	9,818	10,098	10,016	10,143	10,207	10,325	9,967	9,974
Male	3,791	7,727	11,632	11,566	11,339	11,460	11,476	11,587	11,618	11,923	12,072	11,703	11,334	11,258
Female	2,919	6,593	10,585	11,104	11,149	11,059	10,959	10,491	9,984	9,843	9,665	9,620	9,548	9,738
White	2,671	5,653	8,921	9,142	9,074	8,921	8,833	8,626	8,557	8,719	8,740	8,531	8,268	8,336
Black/Af Am	5,922	13,453	19,833	22,438	22,444	23,225	22,993	22,437	21,126	20,866	21,147	21,016	21,062	20,678
Other	8,315	10,905	12,061	9,540	9,562	10,883	11,958	13,682	12,082	10,956	10,053	10,396	11,041	11,587
†Hispanic				14,633	14,950	15,416	15,379	15,409	14,735	14,788	14,544	14,289	13,790	13,968
†Non-Hispanic				10,900	10,766	10,724	10,667	10,449	10,230	10,280	10,256	10,069	9,889	9,928
All	3,296	7,088	11,060	11,329	11,244	11,260	11,219	11,034	10,782	10,850	10,823	10,646	10,445	10,517
ADJUSTED														
20-44	6,925	10,209	12,846	9,074	8,773	8,677	8,621	7,851	6,874	6,731	6,854	6,801	6,357	6,053
45-64	3,859	8,161	11,789	11,827	11,794	11,896	11,724	11,322	11,165	11,215	11,045	10,625	10,562	10,704
65-74	2,397	6,370	12,283	13,583	13,409	13,582	13,555	13,853	13,467	13,612	13,577	13,572	13,382	13,488
75+	978	4,162	6,695	10,476	11,139	11,323	11,356	11,211	11,220	10,934	11,164	11,025	10,756	10,714
Male	3,998	7,858	12,010	12,070	11,928	12,131	12,030	11,964	11,946	12,171	12,383	12,054	11,699	11,572
Female	3,199	7,006	10,220	10,758	10,862	10,861	10,754	10,330	9,744	9,555	9,330	9,270	9,228	9,390
White	2,826	5,672	9,221	9,169	9,079	8,929	8,851	8,593	8,525	8,678	8,673	8,431	8,152	8,215
Black/Af Am	5,950	13,920	19,629	23,381	23,824	24,748	24,020	22,968	22,117	21,704	22,066	21,750	21,837	21,430
Other	6,923	12,973	14,659	10,669	10,764	11,958	13,123	14,656	12,796	11,689	10,572	11,011	11,441	12,248
†Hispanic				15,128	15,120	15,964	15,935	16,280	15,647	15,604	15,506	15,282	14,904	15,055
†Non-Hispanic				10,937	10,792	10,752	10,675	10,419	10,214	10,258	10,209	9,987	9,790	9,832
All	3,587	7,421	11,109	11,382	11,355	11,452	11,349	11,103	10,782	10,809	10,790	10,605	10,427	10,457

Table B.7

Prevalence of reported ESRD, by primary diagnosis, 2010

patients alive on December 31 of each year, by detailed primary diagnosis

ROW PERCENT	Total patients	Percent prevalent	Median age	Age			% male	% White	Black				Hispanic
				0-19	20-64	65+			Af Am	N Am	Asian	Hispanic	
All ESRD, (reference)	594,374	100.0	59.0	1.3	62.1	36.5	56.8	60.6	31.6	1.4	5.5	15.1	
Diabetes	224,417	38.5	62.0	0.0	57.8	42.2	55.0	61.1	30.7	2.2	5.4	19.7	
Diabetes with renal manifestations, Type 2	192,412	33.0	64.0	0.0	53.2	46.8	54.8	59.1	32.2	2.4	5.8	21.2	
Diabetes with renal manifestations, Type 1	32,005	5.5	51.0	0.1	85.4	14.5	56.5	73.5	21.9	1.2	3.1	11.4	
Glomerulonephritis	83,248	14.3	52.0	1.7	78.3	20.0	60.7	64.0	25.7	1.3	8.0	14.1	
Glomerulonephritis (GN; histologically not examined)	35,241	6.0	53.0	0.6	76.9	22.5	60.4	65.1	23.3	1.3	9.1	16.7	
Focal glomerulosclerosis, focal sclerosing GN	24,000	4.1	49.0	3.5	79.2	17.3	60.5	54.4	39.9	0.9	4.1	10.8	
Membranous nephropathy	4,131	0.7	58.0	0.7	68.2	31.2	66.7	65.4	29.2	0.8	3.7	12.6	
Membranoproliferative GN type 1, diffuse MPGN	3,443	0.6	51.0	2.2	80.8	17.0	58.0	73.4	17.7	1.5	6.9	13.0	
Dense deposit disease, MPGN type 2	270	0.0	42.0	11.5	74.4	14.1	48.9	80.0	13.0	1.9	4.4	11.1	
IgA nephropathy, Berger's (by immunofluorescence)	9,780	1.7	47.0	0.8	87.7	11.6	66.0	73.1	6.6	2.0	17.3	13.6	
IgM nephropathy (by immunofluorescence)	785	0.1	48.0	1.8	83.2	15.0	61.7	71.1	10.7	1.3	16.2	12.9	
With lesion of rapidly progressive GN	2,242	0.4	54.0	3.3	66.9	29.8	48.9	75.3	16.4	2.0	5.8	14.8	
Post-infectious GN, SBE	588	0.1	53.0	2.6	76.5	20.9	61.1	76.9	16.3	2.7	3.9	11.2	
Other proliferative GN	2,768	0.5	52.0	2.9	75.4	21.7	53.0	72.7	20.0	1.2	5.2	13.4	
Secondary GN/vasculitis	18,387	3.2	47.0	3.3	81.2	15.5	30.4	60.8	32.0	1.1	5.4	15.2	
Lupus erythematosus (SLE nephritis)	10,697	1.8	44.0	1.7	92.1	6.1	17.9	46.0	45.2	1.0	7.0	18.7	
Henoch-Schonlein syndrome	384	0.1	37.0	8.3	85.4	6.3	55.7	84.6	7.6	1.0	6.3	11.0	
Scleroderma	543	0.1	57.0	0.6	72.9	26.5	20.3	78.3	18.0	0.6	2.4	9.2	
Hemolytic uremic syndrome	1,138	0.2	37.0	18.4	71.4	10.3	39.9	78.2	17.7	0.5	2.9	7.0	
Polyarteritis	319	0.1	58.0	5.3	55.8	38.9	40.8	82.1	10.7	3.1	3.1	13.4	
Wegener's granulomatosis	1,902	0.3	60.0	2.2	59.7	38.2	57.0	90.2	6.4	0.9	2.3	9.8	
Nephropathy due to heroin abuse and related drugs	318	0.1	52.0	0.9	87.4	11.6	66.0	46.9	46.5	1.6	4.7	15.6	
Other vasculitis and its derivatives	1,361	0.2	59.0	5.0	55.4	39.6	41.2	81.6	11.7	1.9	4.1	13.6	
Goodpasture's syndrome	1,057	0.2	54.0	2.6	67.4	30.0	48.2	90.4	6.4	1.0	1.7	8.2	
Secondary GN, other	668	0.1	55.0	3.3	71.6	25.1	58.7	64.1	30.1	1.3	4.2	11.4	
Interstitial nephritis/pyelonephritis	21,325	3.7	59.0	2.0	62.4	35.6	54.6	80.7	13.4	0.8	4.5	9.9	
Analgesic abuse	887	0.2	64.0	0.0	52.6	47.4	44.3	79.5	15.4	0.6	3.9	10.2	
Radiation nephritis	152	0.0	64.0	2.0	48.7	49.3	49.3	82.9	14.5	0.7	2.0	4.8	
Lead nephropathy	49	0.0	63.0	2.0	53.1	44.9	77.6	32.7	63.3	0.0	4.1	4.0	
Nephropathy caused by other agents	2,249	0.4	62.0	1.2	57.2	41.5	52.5	81.0	14.1	0.3	4.2	7.2	
Gouty nephropathy	276	0.0	59.0	0.4	64.9	34.8	77.2	55.4	17.8	0.4	25.0	14.0	
Nephrolithiasis	1,104	0.2	62.0	1.3	56.3	42.5	50.5	78.5	10.4	0.8	9.1	14.1	
Acquired obstructive uropathy	5,234	0.9	64.0	1.5	50.8	47.7	78.7	80.1	15.7	0.9	2.8	11.5	
Chronic pyelonephritis, reflux nephropathy	4,199	0.7	45.0	4.9	82.4	12.8	39.5	87.2	6.7	1.0	4.3	11.0	
Chronic interstitial nephritis	5,957	1.0	59.0	1.5	64.4	34.1	46.9	79.6	14.7	0.7	4.6	7.9	
Acute interstitial nephritis	726	0.1	63.0	0.7	52.6	46.7	49.4	75.3	19.8	0.8	3.4	8.6	
Urolithiasis	257	0.0	61.0	0.4	62.3	37.4	58.4	76.3	12.8	0.0	10.1	16.1	
Other disorders of calcium metabolism	235	0.0	59.0	0.9	62.1	37.0	47.7	82.1	11.5	0.0	5.5	8.6	
Hypertensive/large vessel disease	146,633	25.2	62.0	0.1	54.5	45.4	59.7	47.1	47.0	0.5	4.8	11.4	
Unspecified with renal failure	141,358	24.3	62.0	0.1	55.7	44.2	59.8	45.6	48.4	0.5	4.9	11.7	
Renal artery stenosis	3,321	0.6	75.0	0.4	24.5	75.0	52.4	84.5	11.3	0.6	3.3	5.1	
Renal artery occlusion	708	0.1	71.0	1.3	31.1	67.7	57.1	84.3	12.3	0.7	2.5	6.3	
Cholesterol emboli, renal emboli	1,246	0.2	76.0	0.2	11.8	88.0	65.4	91.0	5.4	0.6	2.9	4.3	
Cystic/hereditary/congenital diseases	40,875	7.0	54.0	8.5	70.5	21.0	57.9	82.2	12.4	0.7	4.0	10.9	
Polycystic kidneys, adult type (dominant)	26,993	4.6	59.0	0.2	70.9	28.9	53.2	82.8	12.2	0.5	4.0	9.2	
Polycystic, infantile (recessive)	575	0.1	23.0	41.6	52.9	5.6	50.3	78.8	13.7	1.4	4.3	14.2	
Medullary cystic disease, including nephronophthisis	702	0.1	31.0	21.2	71.8	7.0	48.6	84.5	7.0	1.1	6.6	10.0	
Tuberous sclerosis	208	0.0	50.0	1.0	77.4	21.6	43.8	76.4	20.2	0.0	2.4	8.2	
Hereditary nephritis, Alport's syndrome	2,580	0.4	43.0	4.2	86.8	9.0	72.8	86.4	8.7	1.0	3.2	10.0	
Cystinosis	261	0.0	24.0	31.8	64.0	4.2	53.6	91.2	5.4	0.8	2.3	5.5	
Primary oxalosis	137	0.0	40.0	19.7	67.2	13.1	53.3	83.9	5.8	2.2	5.1	7.0	
Fabry's disease	192	0.0	50.0	0.0	94.8	5.2	87.5	85.4	9.4	0.5	4.2	13.8	
Congenital nephrotic syndrome	641	0.1	26.0	40.7	54.8	4.5	57.1	73.2	18.3	0.9	6.4	20.4	
Drash syndrome, mesangial sclerosis	119	0.0	34.0	39.5	37.8	22.7	59.7	75.6	19.3	0.0	2.5	13.7	
Congenital obstruction of ureter/pelvic junction	263	0.0	30.0	25.9	65.8	8.4	73.8	77.6	16.0	1.5	3.0	14.2	
Congenital obstruction of uretrovesical junction	165	0.0	28.0	25.5	70.3	4.2	77.0	81.8	10.9	1.8	5.5	13.0	
Other congenital obstructive uropathy	3,365	0.6	31.0	24.2	71.6	4.2	76.9	79.4	14.6	1.0	3.7	12.9	
Renal hypoplasia, dysplasia, oligonephronia	3,329	0.6	23.0	37.9	60.0	2.1	61.3	79.7	13.8	1.1	4.1	19.0	
Prune belly syndrome	363	0.1	20.0	47.9	51.0	1.1	98.1	74.9	20.7	0.8	2.8	16.5	
Other (congenital malformation syndromes)	982	0.2	38.0	15.2	76.3	8.6	58.1	83.4	9.5	1.1	5.6	13.9	

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2010

patients alive on December 31 of each year, by detailed primary diagnosis

ROW PERCENT	Total patients	Percent prevalent	Median age	Age			% male	% White	Black				Hispanic
				0-19	20-64	65+			Af Am	N Am	Asian		
Neoplasms/tumors	8,319	1.4	63.0	1.5	40.7	45.3	62.6	77.0	18.8	0.8	3.1	10.1	
Renal tumor (malignant)	1,662	0.3	68.0	3.2	36.6	60.2	69.7	77.9	19.7	1.0	1.3	6.4	
Urinary tract tumor (malignant)	308	0.1	72.0	0.3	25.3	74.4	81.2	80.5	16.2	1.0	2.3	6.0	
Renal tumor (benign)	84	0.0	65.0	1.2	47.6	51.2	56.0	76.2	17.9	0.0	4.8	11.5	
Urinary tract tumor (benign)	40	0.0	68.0	0.0	37.5	62.5	90.0	85.0	15.0	0.0	0.0	22.1	
Renal tumor (unspecified)	186	0.0	68.0	0.5	38.7	60.8	66.7	74.7	20.4	1.1	3.8	7.2	
Urinary tract tumor (unspecified)	71	0.0	69.0	0.0	33.8	66.2	64.8	69.0	25.4	1.4	2.8	16.8	
Lymphoma of kidneys	72	0.0	65.0	1.4	47.2	51.4	66.7	84.7	15.3	0.0	0.0	7.8	
Multiple myeloma	1,713	0.3	67.0	0.2	42.3	57.4	56.9	71.2	25.4	0.8	2.6	7.8	
Other immuno prolifer. neoplasms (inc. light chain neph.)	337	0.1	67.0	0.3	42.1	57.6	62.9	79.8	16.6	0.9	2.4	7.2	
Amyloidosis	874	0.1	64.0	0.2	49.9	49.9	56.9	82.5	14.2	0.7	2.5	13	
Complications of transplanted organ	2,972	0.5	55.0	2.2	75.7	22.2	61.1	77.6	16.4	0.8	4.9	13	
Complications of transplanted organ, unspecified	154	0.0	54.0	1.3	84.4	14.3	57.1	82.5	13.6	0.6	3.2	10.4	
Complications of transplanted kidney	1,161	0.2	50.0	1.4	87.0	11.6	58.4	70.1	21.8	0.7	7.1	18	
Complications of transplanted liver	1,016	0.2	58.0	1.6	73.6	24.8	59.5	82.9	12.4	1.1	3.3	12	
Complications of transplanted heart	410	0.1	64.0	4.1	48.0	47.8	75.4	81.7	14.4	1.0	2.9	4.2	
Complications of transplanted lung	118	0.0	57.0	0.8	72.0	27.1	51.7	86.4	9.3	0.0	4.2	2.2	
Complications of transplanted bone marrow	55	0.0	45.0	16.4	67.3	16.4	69.1	85.5	10.9	0.0	3.6	4	
Complications of transplanted pancreas	28	0.0	58.0	0.0	82.1	17.9	53.6	71.4	14.3	0.0	10.7	4.6	
Complications of transplanted intestine	*	0.0	51.0	0.0	87.5	12.5	62.5	62.5	25.0	12.5	0.0	0	
Complications of other specified transplanted organ	22	0.0	46.0	13.6	54.5	31.8	77.3	68.2	18.2	0.0	13.6	6.4	
Miscellaneous conditions	18,263	3.1	58.0	2.5	62.1	35.4	59.0	63.0	32.4	0.8	3.4	9	
Sickle cell disease/anemia	401	0.1	43.0	0.7	94.3	5.0	54.4	5.5	94.0	0.0	0.5	3	
Sickle cell trait and other sickle cell (HbS/Hb other)	29	0.0	48.0	0.0	86.2	13.8	44.8	6.9	93.1	0.0	0.0	4	
Post-partum renal failure	181	0.0	38.0	2.2	96.7	1.1	2.8	61.3	29.3	0.6	6.1	20	
AIDS nephropathy	3,233	0.6	48.0	0.4	95.6	4.0	69.4	10.2	88.2	0.2	0.5	6	
Traumatic or surgical loss of kidney(s)	517	0.1	62.0	3.1	52.6	44.3	65.2	77.6	18.0	0.6	2.7	11	
Hepatorenal syndrome	1,205	0.2	58.0	0.2	76.3	23.5	67.0	79.8	12.2	1.8	5.9	14	
Tubular necrosis (no recovery)	6,570	1.1	66.0	2.5	44.0	53.6	55.0	78.1	18.2	0.9	2.6	8	
Other renal disorders	6,127	1.1	59.0	4.2	58.6	37.3	57.8	74.3	19.1	0.8	5.4	11	
Etiology uncertain	21,212	3.6	57.0	2.7	63.2	34.1	58.1	65.8	24.8	1.1	7.0	19	
Missing	11,695	2.0	55.0	3.4	71.2	25.4	57.2	59.4	17.6	1.4	7.7	8	

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2010

patients alive on December 31 of each year, by detailed primary diagnosis

COLUMN PERCENT	Total patients	Counts				% Black/				
		White	Af Am	N Am	Asian	White	Af Am	N Am	Asian	Hispanic
All ESRD, (reference)	594,374	360,289	187,864	8,085	32,862	100.0	100.0	100.0	100.0	100.0
Diabetes	224,417	137,153	68,899	5,004	12,223	38.8	37.1	63.2	38.2	49.6
Diabetes with renal manifestations, Type 2	192,412	113,644	61,881	4,607	11,241	32.2	33.3	58.2	35.2	45.4
Diabetes with renal manifestations, Type 1	32,005	23,509	7,018	397	982	6.7	3.8	5.0	3.1	4.2
Glomerulonephritis	83,248	53,299	21,396	1,049	6,696	15.1	11.5	13.2	21.0	13.8
Glomerulonephritis (GN; histologically not examined)	35,241	22,939	8,221	453	3,197	6.5	4.4	5.7	10.0	7.3
Focal glomerulosclerosis, focal sclerosing GN	24,000	13,056	9,581	209	980	3.7	5.2	2.6	3.1	2.9
Membranous nephropathy	4,131	2,703	1,207	34	154	0.8	0.6	0.4	0.5	0.6
Membranoproliferative GN type 1, diffuse MPGN	3,443	2,527	609	50	237	0.7	0.3	0.6	0.7	0.5
Dense deposit disease, MPGN type 2	270	216	35	*	12	0.1	0.0	0.1	0.0	0.0
IgA nephropathy, Berger's (by immunofluorescence)	9,780	7,149	643	195	1,692	2.0	0.3	2.5	5.3	1.4
IgM nephropathy (by immunofluorescence)	785	558	84	*	127	0.2	0.0	0.1	0.4	0.1
With lesion of rapidly progressive GN	2,242	1,688	367	44	130	0.5	0.2	0.6	0.4	0.4
Post-infectious GN, SBE	588	452	96	16	23	0.1	0.1	0.2	0.1	0.1
Other proliferative GN	2,768	2,011	553	33	144	0.6	0.3	0.4	0.5	0.4
Secondary GN/vasculitis	18,387	11,180	5,893	199	987	3.2	3.2	2.5	3.1	3.2
Lupus erythematosus (SLE nephritis)	10,697	4,920	4,834	108	746	1.4	2.6	1.4	2.3	2.3
Henoch-Schonlein syndrome	384	325	29	*	24	0.1	0.0	0.1	0.1	0.0
Scleroderma	543	425	98	*	13	0.1	0.1	0.0	0.0	0.1
Hemolytic uremic syndrome	1,138	890	201	*	33	0.3	0.1	0.1	0.1	0.1
Polyarteritis	319	262	34	*	*	0.1	0.0	0.1	0.0	0.0
Wegener's granulomatosis	1,902	1,715	121	17	44	0.5	0.1	0.2	0.1	0.2
Nephropathy due to heroin abuse and related drugs	318	149	148	*	15	0.0	0.1	0.1	0.0	0.1
Other vasculitis and its derivatives	1,361	1,110	159	26	56	0.3	0.1	0.3	0.2	0.2
Goodpasture's syndrome	1,057	956	68	11	18	0.3	0.0	0.1	0.1	0.1
Secondary GN, other	668	428	201	*	28	0.1	0.1	0.1	0.1	0.1
Interstitial nephritis/pyelonephritis	21,325	17,217	2,854	161	969	4.9	1.5	2.0	3.0	2.5
Analgesic abuse	887	705	137	*	35	0.2	0.1	0.1	0.1	0.1
Radiation nephritis	152	126	22	*	*	0.0	0.0	0.0	0.0	0.0
Lead nephropathy	49	16	31	0	*	0.0	0.0	0.0	0.0	0.0
Nephropathy caused by other agents	2,249	1,821	316	*	94	0.5	0.2	0.1	0.3	0.2
Gouty nephropathy	276	153	49	*	69	0.0	0.0	0.0	0.2	0.0
Nephrolithiasis	1,104	867	115	*	100	0.2	0.1	0.1	0.3	0.2
Acquired obstructive uropathy	5,234	4,194	824	45	148	1.2	0.4	0.6	0.5	0.7
Chronic pyelonephritis, reflux nephropathy	4,199	3,660	282	43	180	1.0	0.2	0.5	0.6	0.6
Chronic interstitial nephritis	5,957	4,739	874	44	274	1.3	0.5	0.6	0.9	0.6
Acute interstitial nephritis	726	547	144	*	25	0.2	0.1	0.1	0.1	0.1
Urolithiasis	257	196	33	0	26	0.1	0.0	0.0	0.1	0.0
Other disorders of calcium metabolism	235	193	27	0	13	0.1	0.0	0.0	0.0	0.0
Hypertensive/large vessel disease	146,633	69,017	68,961	796	7,076	19.5	37.1	10.1	22.1	18.7
Unspecified with renal failure	141,358	64,479	68,432	764	6,911	18.2	36.8	9.6	21.6	18.3
Renal artery stenosis	3,321	2,807	375	19	111	0.8	0.2	0.2	0.3	0.2
Renal artery occlusion	708	597	87	*	18	0.2	0.0	0.1	0.1	0.1
Cholesterol emboli, renal emboli	1,246	1,134	67	*	36	0.3	0.0	0.1	0.1	0.1
Cystic/hereditary/congenital diseases	40,875	33,606	5,058	278	1,653	9.5	2.7	3.5	5.2	5.0
Polycystic kidneys, adult type (dominant)	26,993	22,339	3,306	131	1,084	6.3	1.8	1.7	3.4	2.8
Polycystic, infantile (recessive)	575	453	79	*	25	0.1	0.0	0.1	0.1	0.1
Medullary cystic disease, including nephronophthisis	702	593	49	*	46	0.2	0.0	0.1	0.1	0.1
Tuberous sclerosis	208	159	42	0	*	0.0	0.0	0.0	0.0	0.0
Hereditary nephritis, Alport's syndrome	2,580	2,229	225	27	83	0.6	0.1	0.3	0.3	0.3
Cystinosis	261	238	14	*	*	0.1	0.0	0.0	0.0	0.0
Primary oxalosis	137	115	*	*	*	0.0	0.0	0.0	0.0	0.0
Fabry's disease	192	164	18	*	*	0.0	0.0	0.0	0.0	0.0
Congenital nephrotic syndrome	641	469	117	*	41	0.1	0.1	0.1	0.1	0.1
Drash syndrome, mesangial sclerosis	119	90	23	0	*	0.0	0.0	0.0	0.0	0.0
Congenital obstruction of ureteropelvic junction	263	204	42	*	*	0.1	0.0	0.1	0.0	0.0
Congenital obstruction of ureterovesical junction	165	135	18	*	*	0.0	0.0	0.0	0.0	0.0
Other congenital obstructive uropathy	3,365	2,673	491	35	126	0.8	0.3	0.4	0.4	0.5
Renal hypoplasia, dysplasia, oligonephronia	3,329	2,654	458	36	137	0.8	0.2	0.5	0.4	0.7
Prune belly syndrome	363	272	75	*	*	0.1	0.0	0.0	0.0	0.1
Other (congenital malformation syndromes)	982	819	93	11	55	0.2	0.1	0.1	0.2	0.1

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2010*patients alive on December 31 of each year, by detailed primary diagnosis*

COLUMN PERCENT	Total patients	Counts				% Black/				
		White	Af Am	N Am	Asian	White	Af Am	N Am	Asian	Hispanic
Neoplasms/tumors	8,319	6,405	1,566	69	261	1.8	0.8	0.9	0.8	1.0
Renal tumor (malignant)	1,662	1,294	327	16	21	0.4	0.2	0.2	0.1	0.1
Urinary tract tumor (malignant)	308	248	50	*	*	0.1	0.0	0.0	0.0	0.0
Renal tumor (benign)	84	64	15	0	*	0.0	0.0	0.0	0.0	0.0
Urinary tract tumor (benign)	40	34	*	0	0	0.0	0.0	0.0	0.0	0.0
Renal tumor (unspecified)	186	139	38	*	*	0.0	0.0	0.0	0.0	0.0
Urinary tract tumor (unspecified)	71	49	18	*	*	0.0	0.0	0.0	0.0	0
Lymphoma of kidneys	72	61	11	0	0	0.0	0.0	0.0	0.0	0
Multiple myeloma	1,713	1,219	435	13	44	0.3	0.2	0.2	0.1	0.2
Other immuno prolif. neoplasms (inc. light chain neph.)	337	269	56	*	*	0.1	0.0	0.0	0.0	0
Amyloidosis	874	721	124	*	22	0.2	0.1	0.1	0.1	0
Complications of transplanted organ	2,972	2,307	486	25	146	0.7	0.3	0.3	0.5	0
Complications of transplanted organ, unspecified	154	127	21	*	*	0.0	0.0	0.0	0.0	0.3
Complications of transplanted kidney	1,161	814	253	*	82	0.2	0.1	0.1	0.3	0.3
Complications of transplanted liver	1,016	842	126	11	34	0.2	0.1	0.1	0.1	0.1
Complications of transplanted heart	410	335	59	*	12	0.1	0.0	0.1	0.0	0
Complications of transplanted lung	118	102	11	0	*	0.0	0.0	0.0	0.0	0
Complications of transplanted bone marrow	55	47	*	0	*	0.0	0.0	0.0	0.0	0
Complications of transplanted pancreas	28	20	*	0	*	0.0	0.0	0.0	0.0	0
Complications of transplanted intestine	*	*	*	*	0	0.0	0.0	0.0	0.0	0
Complications of other specified transplanted organ	22	15	*	0	*	0.0	0.0	0.0	0.0	0
Miscellaneous conditions	18,263	11,513	5,914	139	614	3.3	3.2	1.8	1.9	2
Sickle cell disease/anemia	401	22	377	0	*	0.0	0.2	0.0	0.0	0
Sickle cell trait and other sickle cell (HbS/Hb other)	29	*	27	0	0	0.0	0.0	0.0	0.0	0
Post-partum renal failure	181	111	53	*	11	0.0	0.0	0.0	0.0	0
AIDS nephropathy	3,233	331	2,853	*	17	0.1	1.5	0.1	0.1	0
Traumatic or surgical loss of kidney(s)	517	401	93	*	14	0.1	0.1	0.0	0.0	0
Hepatorenal syndrome	1,205	962	147	22	71	0.3	0.1	0.3	0.2	0
Tubular necrosis (no recovery)	6,570	5,134	1,193	59	168	1.5	0.6	0.7	0.5	1
Other renal disorders	6,127	4,550	1,171	46	331	1.3	0.6	0.6	1.0	1
Etiology uncertain	21,212	13,957	5,269	225	1,479	3.9	2.8	2.8	4.6	5
Missing	11,695	6,942	2,054	165	904	2.0	1.1	2.1	2.8	1

Table C.2

Percent distribution of patients, by prior & current employment status*incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis*

2002-2004	Full-time		Part-time		Homemaker		Retired (age/prf)		Retired (disab.)		Medical leave		Student		Unemployed	
	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current
0-4	*	*	*	*	*	*	4.8	5.1	*	1.9	*	*	15.4	16.2	29.3	34.1
5-9	*	*	*	*	*	*	*	*	*	*	*	*	74.0	82.3	5.4	6.5
10-14	*	*	*	*	*	*	*	*	*	*	*	*	86.5	93.7	2.9	3.1
15-19	5.4	2.4	4.1	3.1	*	*	*	*	0.7	1.2	*	2.0	61.1	63.6	16.4	22.6
20-29	31.9	18.5	6.7	4.7	2.4	2.6	0.4	0.4	6.5	8.9	0.9	8.2	6.5	6.2	31.8	46.4
30-39	35.5	22.7	4.5	3.3	3.1	3.4	0.4	0.5	13.0	16.3	1.0	8.7	0.5	0.5	28.9	40.4
40-49	31.1	21.0	3.5	2.7	2.9	3.1	0.9	1.1	20.0	24.5	1.2	7.5	0.1	0.1	26.7	35.5
50-59	22.6	14.7	2.6	2.1	4.1	4.3	4.6	5.5	29.9	35.2	1.0	6.0	0.0	0.0	21.5	27.5
60-64	12.3	7.3	2.2	1.9	5.5	5.7	18.8	21.6	31.3	36.1	0.6	3.0	*	*	15.8	19.6
65-69	4.7	2.9	1.7	1.6	5.3	5.4	52.0	57.3	14.5	16.3	0.1	0.8	*	*	9.0	11.2
70-74	2.2	1.3	1.3	1.1	5.2	5.4	65.3	71.2	7.3	8.6	0.0	0.4	*	*	6.6	8.3
75-79	1.4	0.6	0.8	0.8	5.4	5.5	70.2	76.3	4.9	6.0	0.0	0.2	.	.	5.7	7.2
80-84	1.0	0.3	0.5	0.5	4.7	4.8	74.0	80.0	4.1	5.0	*	0.1	*	*	5.1	6.3
85+	0.8	0.3	0.4	0.3	4.7	4.7	74.8	80.9	3.4	4.2	*	*	*	*	5.2	6.4
0-19	2.8	1.3	2.0	1.5	*	0.3	1.1	1.2	0.7	1.0	*	1.2	61.5	65.5	13.8	17.7
20-44	34.0	21.7	4.7	3.5	2.8	3.1	0.4	0.6	13.3	16.8	1.1	8.3	1.6	1.5	28.9	40.3
45-64	20.8	13.5	2.6	2.1	4.3	4.5	8.2	9.6	28.9	33.9	0.9	5.3	0.0	0.0	20.6	26.4
65-74	3.4	2.1	1.5	1.4	5.3	5.4	58.8	64.4	10.8	12.4	0.1	0.6	*	*	7.7	9.7
75+	1.2	0.5	0.7	0.6	5.0	5.1	72.4	78.4	4.4	5.3	0.0	0.1	*	*	5.4	6.7
Male	15.8	10.2	2.2	1.9	0.1	0.1	37.6	41.1	17.3	20.4	0.5	3.5	1.0	1.0	13.1	17.6
Female	9.7	5.9	2.0	1.5	9.7	10.1	33.7	37.0	14.2	16.8	0.4	2.8	1.0	1.0	16.4	20.6
White	12.2	7.9	2.1	1.8	5.1	5.3	41.9	45.5	15.0	17.5	0.5	2.9	0.9	1.0	11.2	14.2
Black/Af Am	14.3	8.8	2.0	1.5	2.4	2.5	24.6	28.1	18.4	22.3	0.6	3.8	0.9	1.0	20.4	27.4
N Am/Alas Native	14.3	8.8	2.6	1.7	6.3	6.5	19.8	21.6	19.3	22.5	0.4	3.0	1.2	1.1	25.2	30.4
Asian	17.3	11.5	2.2	2.0	5.9	6.1	33.5	35.8	10.1	12.8	0.4	4.0	1.6	1.6	18.6	22.9
Pacific Islander	18.1	10.6	2.2	1.8	8.4	9.2	30.1	32.5	11.6	13.9	0.6	5.0	1.0	0.9	20.0	23.8
Mid.-east./Arabian	13.5	9.0	2.4	2.0	6.6	7.3	30.3	31.8	10.8	12.9	*	2.5	2.8	3.3	21.3	27.6
Ind. Subcont.	20.3	15.1	2.6	2.0	7.3	7.4	24.1	26.2	10.1	13.3	*	3.4	2.2	2.4	18.4	26.9
Other/multiracial	12.7	8.0	2.0	1.5	7.3	7.5	21.7	23.5	17.0	19.1	0.4	2.8	1.7	1.8	23.2	31.4
Unknown	10.1	6.5	2.1	2.1	3.9	4.1	26.8	30.3	13.9	15.9	*	2.6	*	*	18.8	25.9
Hispanic, Mexican	13.1	6.5	1.9	1.1	8.8	8.8	24.2	24.7	19.1	22.3	0.4	3.2	2.0	2.0	24.7	28.6
Hispanic, other	12.4	7.3	1.8	1.3	6.8	6.9	27.4	29.0	18.2	20.4	0.4	2.7	1.6	1.5	20.4	26.5
Hispanic, non-spec.	8.2	4.7	*	*	5.2	5.2	28.8	30.5	12.4	15.0	*	*	*	*	32.6	36.1
Non-Hispanic	13.1	8.5	2.1	1.8	4.0	4.1	37.4	41.1	15.5	18.4	0.5	3.2	0.9	0.9	13.3	17.7
Unknown	10.0	7.0	3.2	2.2	3.4	3.7	33.8	41.0	10.9	14.1	.	1.9	*	*	10.6	16.4
Diabetes	10.2	6.4	1.6	1.3	5.4	5.5	34.0	37.2	21.1	24.4	0.5	2.4	0.1	0.1	15.0	18.6
Hypertension	10.6	6.4	1.8	1.4	3.8	3.9	44.9	49.2	11.1	13.6	0.3	2.6	0.2	0.2	14.0	18.7
Glomerulonephritis	27.5	19.1	3.8	3.3	3.4	3.7	24.2	26.6	10.2	12.8	0.6	6.2	3.8	3.9	14.5	20.5
Cystic kidney	35.9	29.2	4.7	4.2	4.2	4.5	19.1	21.2	10.3	13.1	1.0	6.3	1.6	1.7	10.5	15.0
Other urologic	14.1	9.4	3.1	2.6	3.8	3.9	39.6	43.0	12.0	14.2	0.5	3.2	3.3	3.4	12.5	16.4
Other cause	15.0	8.8	2.7	1.9	3.9	4.0	31.5	34.4	14.2	17.0	0.7	4.8	3.6	3.8	15.3	20.6
Unknown cause	13.2	7.8	2.4	2.0	4.2	4.3	38.8	42.6	10.7	13.0	0.4	3.1	2.2	2.4	15.3	20.3
Missing	.	.	.	.	.	.	*	*	*	*	.	.	.	.	.	.
All	13.0	8.3	2.1	1.7	4.5	4.6	35.9	39.3	15.9	18.8	0.5	3.2	1.0	1.0	14.6	19.0
Total N	39,576	25,158	6,381	5,158	13,651	14,108	109,015	119,350	48,243	57,015	1,494	9,611	2,997	3,127	44,356	57,712

Table C.2 (continued)

Percent distribution of patients, by prior & current employment status

incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis

2005-2007	Full-time		Part-time		Homemaker		Retired (age/pref)		Retired (disab.)		Medical leave		Student		Unemployed	
	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current
0-4	2.7	1.7	*	*	*	*	6.3	6.6	3.0	3.4	.	*	23.2	23.3	38.4	39.4
5-9	*	*	.	.	.	.	*	*	*	*	.	*	88.8	89.0	6.5	6.5
10-14	*	*	.	.	.	.	*	*	*	*	.	*	93.3	94.2	3.3	3.5
15-19	5.3	2.8	4.4	2.3	*	0.6	*	*	1.2	1.6	*	2.0	67.9	66.1	19.6	24.0
20-29	34.9	19.0	7.3	4.8	2.3	2.4	0.5	0.5	7.7	9.6	0.9	7.9	6.9	6.2	37.9	49.0
30-39	40.5	24.2	5.1	3.7	2.8	2.9	0.4	0.4	13.8	16.4	1.3	9.0	0.7	0.7	33.7	42.1
40-49	35.6	21.9	4.1	3.1	2.7	2.7	1.0	1.1	21.7	24.8	1.2	7.8	0.2	0.2	31.9	37.9
50-59	27.0	16.3	3.2	2.5	3.5	3.5	5.1	5.4	32.9	36.2	1.1	6.3	0.0	0.0	25.6	29.1
60-64	15.6	8.8	2.4	1.9	5.0	4.9	20.4	21.4	35.7	38.5	0.7	3.4	*	*	18.4	20.3
65-69	6.6	3.6	2.2	1.9	4.7	4.6	55.6	57.3	17.8	18.9	0.2	1.2	*	*	11.2	12.0
70-74	3.2	1.5	1.6	1.3	5.0	4.9	70.9	72.3	9.2	10.0	0.1	0.5	*	*	8.5	9.0
75-79	2.0	0.7	1.0	0.8	4.9	4.7	77.0	78.4	6.3	6.9	0.0	0.2	.	*	7.3	7.7
80-84	1.5	0.4	0.7	0.5	4.9	4.6	80.5	82.0	4.7	5.2	*	0.1	*	*	6.3	6.6
85+	1.3	0.4	0.5	0.4	4.4	4.2	82.5	83.8	3.8	4.3	.	*	*	*	6.2	6.5
0-19	3.3	1.7	2.2	1.1	0.4	0.3	1.5	1.5	1.3	1.6	*	1.2	67.8	67.3	17.8	20.2
20-44	38.3	22.6	5.2	3.8	2.6	2.7	0.5	0.6	14.5	17.1	1.2	8.6	1.8	1.6	34.1	42.5
45-64	24.8	15.0	3.1	2.4	3.8	3.8	9.1	9.5	32.1	35.3	1.0	5.6	0.1	0.1	24.4	27.8
65-74	4.9	2.5	1.9	1.6	4.9	4.7	63.3	64.9	13.5	14.4	0.1	0.8	*	*	9.9	10.5
75+	1.7	0.6	0.8	0.6	4.8	4.6	79.3	80.8	5.2	5.8	0.0	0.2	*	*	6.7	7.0
Male	18.7	11.2	2.5	2.1	0.1	0.1	40.0	41.0	19.5	21.5	0.6	3.7	1.0	1.0	15.9	18.9
Female	12.0	6.7	2.5	1.7	9.2	9.0	36.4	37.3	16.9	18.5	0.5	3.1	1.1	1.1	19.9	22.0
White	14.6	8.7	2.5	2.0	4.8	4.6	44.1	45.1	17.4	19.0	0.5	3.1	1.0	1.0	13.8	15.8
Black/Af Am	17.7	9.8	2.5	1.7	2.2	2.2	26.8	27.5	21.5	23.9	0.7	4.0	1.0	1.0	25.7	29.4
N Am/Alas Native	17.0	9.1	2.9	1.8	5.7	5.6	21.2	21.5	20.1	22.5	0.4	3.6	1.6	1.5	29.1	33.6
Asian	20.3	12.5	2.6	2.1	6.0	5.8	36.0	36.9	10.8	12.7	0.6	4.2	1.4	1.4	21.1	23.9
Pacific Islander	20.9	12.5	2.5	1.8	6.8	6.7	26.6	27.3	14.5	16.7	0.8	4.7	1.2	1.1	25.5	28.4
Mid.-east./Arabian	15.0	9.4	*	*	*	*	31.5	33.9	11.8	11.8	*	*	*	*	22.8	27.6
Ind. Subcont.	22.4	16.0	*	*	*	*	19.9	20.5	12.8	17.3	*	*	*	*	25.0	29.5
Other/multiracial	15.7	9.9	2.6	1.7	6.7	6.7	27.6	28.3	17.3	19.5	0.6	3.1	2.0	2.0	21.2	26.5
Unknown	9.1	4.5	*	*	*	*	28.0	29.2	14.4	17.0	*	*	*	*	31.8	35.2
Hispanic, Mexican	14.9	8.0	1.9	1.5	7.0	7.2	24.5	25.2	19.7	21.7	0.7	3.4	1.9	1.9	23.2	28.4
Hispanic, other	15.3	8.6	2.1	1.7	7.2	7.0	25.1	26.8	18.7	21.9	0.6	2.8	1.6	1.6	18.9	25.7
Hispanic, non-spec.	15.8	7.9	2.3	1.6	7.2	7.1	26.1	26.5	21.0	23.3	0.5	3.3	2.0	1.9	24.7	28.2
Non-Hispanic	15.7	9.4	2.5	2.0	3.6	3.6	40.4	41.3	18.0	19.8	0.6	3.5	0.9	0.9	16.6	19.0
Unknown	12.0	*	*	*	*	*	38.3	42.1	14.2	16.9	.	*	*	*	19.7	23.0
Diabetes	12.5	7.2	1.9	1.5	4.8	4.7	36.5	37.3	24.0	25.9	0.6	2.7	0.1	0.1	18.1	20.1
Hypertension	13.3	7.1	2.3	1.7	3.7	3.6	47.9	49.0	13.5	15.2	0.4	2.8	0.2	0.2	17.1	19.8
Glomerulonephritis	32.3	21.5	4.3	3.6	3.2	3.3	25.4	26.1	11.9	13.8	0.8	6.3	3.8	3.8	16.5	20.8
Cystic kidney	41.9	31.7	5.3	5.3	3.8	3.8	20.2	20.9	11.3	13.0	0.7	6.4	1.7	1.7	13.3	16.6
Other urologic	16.7	10.7	3.5	2.8	2.9	2.7	42.3	43.3	13.9	15.3	0.4	3.3	3.4	3.3	15.1	18.0
Other cause	17.7	9.5	3.2	2.1	3.6	3.5	34.5	35.4	16.2	18.1	0.8	5.2	3.8	3.7	18.4	21.6
Unknown cause	15.6	8.8	2.7	2.1	3.5	3.4	40.8	41.9	13.4	15.1	0.5	3.2	2.5	2.4	19.6	22.6
Missing	*	.	.	.	.	.	*	*	.	.	.	*	.	.	*	*
All	15.7	9.2	2.5	1.9	4.1	4.0	38.4	39.3	18.3	20.2	0.6	3.4	1.1	1.0	17.7	20.2
Total N	51,244	29,956	8,083	6,243	13,438	13,134	125,242	128,225	59,756	65,836	1,842	11,173	3,442	3,356	57,587	65,949



Table C.2 (continued)

Percent distribution of patients, by prior or current employment status

incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis

2008-2010	Full-time		Part-time		Homemaker		Retired (age/pref)		Retired (disability)		Medical leave		Student		Unemployed	
	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current	prior	current
0-4	3.3	2.4	.	.	.	.	7.9	7.9	3.2	4.0	.	.	30.5	30.4	39.9	39.6
5-9	*	*	.	.	.	.	*	*	*	*	.	.	88.2	88.4	8.7	9.0
10-14	*	.	.	.	.	.	*	*	*	*	.	.	93.8	93.4	4.3	4.3
15-19	4.9	2.0	4.4	3.2	.	*	0.7	0.7	0.6	1.1	*	1.4	70.9	68.5	18.0	22.7
20-29	33.3	17.8	8.3	5.4	2.1	2.2	0.4	0.5	7.1	9.0	1.0	7.9	7.0	6.5	40.8	50.8
30-39	38.1	22.3	5.8	4.0	2.7	2.7	0.5	0.5	13.9	16.4	1.2	8.4	0.8	0.7	37.1	44.9
40-49	35.3	21.5	4.4	3.2	2.4	2.5	0.8	0.9	22.1	24.7	1.1	7.4	0.2	0.2	33.8	39.6
50-59	26.7	16.0	3.5	2.5	3.1	3.1	4.5	4.8	33.3	36.5	1.1	6.1	0.1	0.1	27.7	31.0
60-64	16.7	9.5	2.9	2.4	4.0	3.9	19.3	20.0	36.8	39.5	0.7	3.7	*	*	19.5	21.0
65-69	7.4	3.9	2.4	2.0	3.7	3.6	53.7	55.2	20.7	21.6	0.2	1.3	*	*	11.9	12.4
70-74	3.7	1.7	1.8	1.5	4.0	3.8	71.3	72.4	10.3	11.0	0.1	0.5	*	*	8.8	9.1
75-79	2.4	0.8	1.1	0.9	4.1	3.9	77.7	78.6	7.3	7.9	0.0	0.3	*	*	7.4	7.6
80-84	1.6	0.4	0.7	0.5	4.4	4.1	81.6	82.5	5.2	5.6	*	0.1	*	*	6.6	6.7
85+	1.4	0.3	0.5	0.4	4.1	3.8	83.3	84.2	4.7	5.1	*	0.1	*	*	6.0	6.1
0-19	3.1	1.5	2.2	1.6	0.3	0.3	2.1	2.1	1.1	1.5	*	0.9	69.8	68.6	18.3	20.6
20-44	36.8	21.5	5.8	4.0	2.4	2.5	0.5	0.6	14.5	16.9	1.1	8.1	1.8	1.7	37.0	44.7
45-64	24.7	14.7	3.4	2.6	3.3	3.3	8.7	9.0	32.9	35.8	1.0	5.5	0.1	0.1	26.0	29.1
65-74	5.6	2.8	2.1	1.8	3.9	3.7	62.3	63.5	15.6	16.5	0.1	0.9	*	*	10.4	10.8
75+	1.9	0.6	0.8	0.7	4.2	3.9	80.3	81.3	6.0	6.5	0.0	0.2	*	*	6.8	6.9
Male	18.4	10.7	2.7	2.2	0.1	0.1	39.4	40.1	20.3	22.1	0.6	3.7	1.0	1.0	17.5	20.1
Female	12.3	6.9	2.7	1.9	8.0	7.7	36.4	37.0	18.5	20.1	0.5	3.0	1.1	1.1	20.5	22.3
White	14.6	8.6	2.7	2.1	4.0	3.9	43.2	43.9	18.6	20.2	0.5	3.0	1.0	1.0	15.3	17.2
Black/Af Am	17.7	9.6	2.7	1.8	1.8	1.8	27.3	27.9	22.9	25.0	0.6	4.0	1.0	0.9	25.9	29.0
N Am/Alas Native	16.9	9.3	2.9	2.3	5.2	5.3	20.3	20.9	21.6	23.6	0.4	3.3	1.4	1.3	31.2	34.0
Asian	20.4	12.3	3.2	2.3	5.6	5.4	36.6	37.5	11.4	13.1	0.6	4.1	1.3	1.3	21.0	24.0
Pacific Islander	19.2	11.3	2.4	1.7	5.9	5.7	25.4	26.1	14.8	16.6	1.0	3.9	1.2	1.2	30.1	33.4
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	18.0	10.5	3.0	2.3	5.8	5.5	28.4	29.3	20.1	21.6	0.8	3.3	3.9	4.0	19.8	23.3
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-spec.	16.0	7.9	2.7	1.7	6.3	6.2	24.6	25.0	21.4	23.7	0.6	3.4	1.9	1.9	26.4	30.2
Non-Hispanic	15.7	9.2	2.7	2.1	3.0	2.9	40.3	41.0	19.2	20.8	0.6	3.4	0.9	0.9	17.5	19.5
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	13.0	7.2	2.2	1.7	4.0	3.9	35.4	36.1	25.2	27.1	0.5	2.7	0.1	0.1	19.5	21.3
Hypertension	13.6	7.4	2.5	1.9	3.1	3.0	47.2	48.0	14.7	16.2	0.4	2.8	0.2	0.2	18.3	20.5
Glomerulonephritis	31.7	20.9	4.8	3.8	3.0	2.9	25.3	25.8	12.4	14.2	0.8	6.2	4.1	4.0	17.9	22.0
Cystic kidney	41.5	31.7	5.5	4.3	3.2	3.3	20.4	21.0	11.9	13.7	0.9	6.4	1.7	1.7	14.7	17.7
Other urologic	16.5	10.1	3.4	2.5	2.6	2.5	42.9	43.2	15.9	17.7	0.5	4.2	2.5	2.4	15.7	17.3
Other cause	17.0	8.9	3.3	2.3	3.1	3.0	35.6	36.2	17.3	19.1	0.9	5.0	3.9	3.8	18.7	21.4
Unknown cause	15.5	8.3	3.1	2.3	3.0	2.9	41.3	41.9	14.4	16.1	0.5	3.3	2.5	2.4	19.6	22.7
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
All	15.7	9.0	2.7	2.1	3.5	3.4	38.1	38.8	19.5	21.3	0.6	3.4	1.0	1.0	18.8	21.1
Total N	53,672	30,847	9,345	7,044	11,963	11,600	129,889	132,216	66,600	72,523	1,902	11,473	3,580	3,479	64,041	71,808

Table C.3

Insurance coverage in the incident population (%)*incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis*

2002-2004	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	50.8	9.0	*	33.0	22.5	3.1	.	88.4
5-9	51.2	3.4	*	34.9	19.9	6.5	.	88.8
10-14	44.5	2.2	*	33.3	25.6	7.9	.	89.3
15-19	39.6	2.3	*	31.4	23.4	13.8	.	87.4
20-29	34.2	7.9	0.2	26.5	15.3	25.1	*	88.1
30-39	32.4	14.0	0.4	32.0	13.4	20.5	*	87.1
40-49	30.9	18.3	1.0	32.7	14.8	17.1	*	86.8
50-59	28.0	26.1	2.3	33.4	18.6	11.6	*	84.6
60-64	27.0	34.6	1.7	29.2	23.8	9.4	*	82.8
65-69	24.0	85.4	1.4	16.3	36.1	2.1	*	69.1
70-74	20.6	88.0	1.5	13.7	43.4	1.7	*	67.9
75-79	18.1	89.9	1.3	13.4	47.9	1.5	*	66.8
80-84	16.3	90.7	1.1	11.9	51.7	1.3	*	66.0
85+	17.9	91.5	0.6	10.0	52.3	1.2	*	
0-19	44.0	3.5	*	32.5	23.4	9.7	.	88.2
20-44	32.3	13.8	0.5	31.0	14.2	20.6	*	87.3
45-64	28.2	27.4	1.9	32.1	19.5	11.8	*	84.4
65-74	22.2	86.7	1.4	15.0	39.8	1.9	*	68.5
75+	17.4	90.5	1.1	12.2	50.0	1.4	*	66.4
Male	19.3	54.8	2.4	24.4	32.4	8.9	0.0	76.6
Female	31.2	57.2	0.2	20.7	30.7	6.5	0.0	76.1
White	19.1	61.5	1.3	23.6	38.2	6.0	0.0	75.5
Black/Af Am	34.4	47.1	1.6	21.6	17.8	11.3	*	77.6
N Am/Alas Native	41.4	43.6	1.4	14.4	33.8	7.6	.	89.7
Asian	37.0	46.0	0.6	24.5	24.7	8.6	*	75.2
Pacific Islander	32.4	41.2	1.5	27.4	25.3	8.5	.	78.3
Mid.-east./Arabian	45.1	40.0	*	18.7	18.2	12.2	.	69.3
Ind. Subcont.	33.2	30.0	.	25.9	22.9	14.4	.	74.6
Other/multiracial	30.9	40.7	1.3	13.0	32.2	12.3	.	78.0
Unknown	29.7	47.8	*	14.9	27.3	14.1	.	78.4
Hispanic, Mexican	40.6	40.3	0.9	16.2	17.0	16.9	.	81.7
Hispanic, other	35.3	45.9	1.5	12.6	29.3	9.8	.	77.1
Hispanic, non-spec.	42.5	42.9	*	12.4	15.5	19.7	*	64.8
Non-Hispanic	22.7	57.9	1.4	23.9	33.1	6.9	0.0	75.8
Unknown	18.4	53.2	*	18.2	37.2	10.4	.	80.6
Diabetes	28.7	57.7	1.6	21.5	29.4	6.6	0.0	76.9
Hypertension	22.4	63.4	1.2	18.4	35.1	8.7	*	73.6
Glomerulonephritis	18.8	36.3	1.1	34.0	29.1	10.8	*	80.9
Cystic kidney	13.6	29.6	1.4	46.4	27.5	7.2	*	82.1
Other urologic	21.7	56.8	1.5	23.2	32.8	7.6	.	77.0
Other cause	22.5	49.7	1.3	26.1	33.4	7.6	*	76.9
Unknown cause	21.8	56.2	1.6	19.8	34.2	11.0	*	75.3
Missing	*	*	.	*	.	.	.	*
All	24.7	55.9	1.4	22.7	31.6	7.8	0.0	76.3
Total N	75,141	170,045	4,214	69,088	96,159	23,755	26	232,129

Table C.3 (continued)

Insurance coverage in the incident population (%)*incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis*

2005-2007	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	52.7	10.1	*	35.2	15.2	2.4	*	87.6
5-9	53.8	2.8	.	36.3	16.5	5.8	*	85.3
10-14	47.7	2.6	*	37.5	19.3	5.7	.	86.6
15-19	44.9	1.6	*	31.8	17.0	12.1	*	86.0
20-29	36.0	7.8	0.4	28.2	11.1	24.8	0.2	86.8
30-39	33.1	13.0	0.5	34.4	10.1	19.7	0.5	86.7
40-49	31.9	18.1	0.9	35.3	10.5	17.1	0.6	86.0
50-59	28.6	25.5	2.5	36.3	13.2	11.7	1.2	83.9
60-64	26.7	33.8	2.8	34.1	16.7	8.7	2.0	81.9
65-69	23.7	81.1	1.5	19.9	27.8	1.8	5.5	68.7
70-74	21.0	83.4	1.7	17.7	32.6	1.3	6.5	67.4
75-79	18.5	84.9	1.5	17.1	37.7	1.0	6.6	66.2
80-84	16.1	86.2	1.5	16.3	40.9	0.7	6.3	64.8
85+	17.0	86.9	1.1	14.5	42.9	0.9	5.7	
0-19	47.9	3.5	*	34.2	17.2	8.1	*	86.4
20-44	33.3	13.3	0.6	33.5	10.3	20.2	0.4	86.6
45-64	28.6	26.9	2.3	35.5	13.8	11.6	1.3	83.6
65-74	22.4	82.3	1.6	18.8	30.2	1.5	6.0	68.1
75+	17.4	85.7	1.4	16.3	39.9	0.9	6.3	65.4
Male	20.0	51.6	2.7	28.3	24.4	8.5	3.6	75.9
Female	31.5	54.3	0.3	24.1	23.3	6.4	3.6	75.6
White	20.3	57.2	1.6	27.3	28.7	5.9	4.1	74.8
Black/Af Am	34.0	44.9	1.9	24.8	12.8	11.4	2.4	77.8
N Am/Alas Native	38.8	41.0	2.1	16.5	30.8	7.3	1.0	89.3
Asian	37.0	42.7	0.6	27.2	18.9	7.3	3.0	73.0
Pacific Islander	32.3	34.1	1.6	27.6	21.1	9.8	1.9	78.6
Mid.-east./Arabian	44.9	42.5	.	11.0	27.6	11.8	.	63.0
Ind. Subcont.	35.3	26.3	.	28.2	17.9	14.1	.	75.0
Other/multiracial	32.8	43.3	2.2	19.8	30.9	11.3	4.3	76.5
Unknown	32.2	41.7	*	11.4	20.5	23.5	.	69.3
Hispanic, Mexican	40.2	39.5	0.6	16.2	16.7	17.4	.	77.3
Hispanic, other	34.3	45.1	1.7	12.1	31.0	10.0	.	72.9
Hispanic, non-spec.	38.6	38.0	1.2	17.8	15.5	12.8	5.2	77.8
Non-Hispanic	23.0	55.0	1.8	27.8	25.1	6.7	3.4	75.5
Unknown	29.0	44.8	*	14.2	23.5	23.5	.	63.9
Diabetes	28.8	54.6	1.9	24.9	21.9	6.4	3.7	76.1
Hypertension	22.8	59.7	1.5	22.2	26.8	8.7	4.0	73.7
Glomerulonephritis	19.3	33.4	1.7	39.2	21.6	10.0	2.3	80.0
Cystic kidney	12.8	27.4	1.3	52.2	19.9	7.4	1.8	81.1
Other urologic	22.1	52.3	1.8	26.2	25.2	7.7	3.8	76.4
Other cause	23.1	47.7	1.3	30.4	25.6	7.0	3.1	76.5
Unknown cause	24.3	51.6	1.8	22.5	26.6	10.0	3.2	72.8
Missing	.	.	.	.	*	.	.	*
All	25.1	52.8	1.7	26.4	23.9	7.6	3.6	75.8
Total N	81,765	171,976	5,470	86,174	77,823	24,644	11,609	246,886

Table C.3 (continued)

Insurance coverage in the incident population (%)*incident patients with completed Medical Evidence forms, by age, gender, race, ethnicity, & primary diagnosis*

2008-2010	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	54.3	11.6	*	35.5	15.6	2.6	*	85.3
5-9	60.8	3.5	*	31.1	15.8	*	*	85.6
10-14	54.5	2.2	*	32.9	15.4	5.3	*	85.1
15-19	42.0	2.6	*	33.6	18.4	12.5	*	83.9
20-29	37.4	8.0	0.3	26.6	10.5	25.5	0.4	86.4
30-39	34.6	13.4	0.4	31.9	9.2	21.1	0.8	85.9
40-49	33.0	17.7	1.0	33.8	9.7	17.3	1.4	84.8
50-59	30.2	24.9	2.3	34.3	11.7	12.2	2.6	82.9
60-64	25.7	32.0	3.8	33.3	15.6	8.7	4.2	80.9
65-69	22.7	75.6	2.0	18.8	23.1	1.3	11.3	69.3
70-74	20.7	78.1	1.9	16.0	28.3	0.9	12.8	67.2
75-79	17.9	79.8	1.9	15.2	32.3	0.7	13.0	67.1
80-84	16.1	81.8	1.7	14.2	36.3	0.5	12.2	65.8
85+	16.5	82.9	1.4	13.0	38.0	0.4	11.5	
0-19	49.1	4.4	*	33.5	16.9	7.9	0.4	84.6
20-44	34.6	13.3	0.5	31.5	9.6	21.0	0.8	85.6
45-64	29.2	26.2	2.6	33.9	12.6	11.8	2.9	82.6
65-74	21.7	76.8	2.0	17.4	25.7	1.1	12.0	68.3
75+	16.9	81.2	1.7	14.3	35.0	0.6	12.4	66.1
Male	20.6	48.8	3.1	26.4	21.4	8.4	7.1	75.5
Female	31.3	51.5	0.4	22.8	20.4	6.4	7.2	75.4
White	21.0	53.7	1.9	25.3	24.8	6.1	8.1	74.3
Black/Af Am	33.3	43.2	2.3	23.9	11.9	10.9	5.5	77.8
N Am/Alas Native	35.0	41.3	1.6	15.2	32.9	8.3	1.5	87.9
Asian	36.8	41.9	0.7	25.7	17.9	7.2	4.9	73.3
Pacific Islander	30.7	32.4	2.2	25.3	20.2	10.3	3.2	79.6
Mid.-east./Arabian	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.
Other/multiracial	36.4	43.2	1.3	27.2	23.0	8.7	9.8	79.4
Unknown	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.
Hispanic, non-spec.	39.0	35.3	1.3	16.6	13.3	13.0	8.7	76.9
Non-Hispanic	23.0	52.4	2.1	26.2	22.2	6.6	6.9	75.3
Unknown	.	.	.	.	.	.	.	.
Diabetes	29.0	51.1	2.2	23.0	19.0	6.7	7.6	75.9
Hypertension	23.1	55.8	1.8	21.1	23.3	8.5	7.8	73.9
Glomerulonephritis	19.3	32.1	1.9	37.7	19.7	9.9	4.6	79.2
Cystic kidney	14.6	26.0	1.4	51.4	17.6	7.2	3.3	80.3
Other urologic	21.8	50.5	2.1	24.8	22.7	7.7	7.7	76.0
Other cause	23.1	46.6	1.7	28.9	23.0	6.7	6.3	75.2
Unknown cause	23.3	50.3	2.3	22.6	22.7	9.7	6.6	73.8
Missing	.	.	.	.	.	.	.	.
All	25.3	50.0	2.0	24.9	21.0	7.6	7.1	75.5
Total N	86,167	170,499	6,658	84,750	71,510	25,768	24,349	257,468

Table C.4

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (old forms); percent with comorbidity in each year

	CHF	ASHD	Other cardiac disease	CVA/TIA	PVD	History of HTN	Amputation	DM on insulin	DM oral med.	DM w/o meds	Diabetic retinopathy	COPD	Current smoker
2002-2006													
0-4	6.2	1.5	1.8	1.6	2.3	29.0	*	3.8	1.4	*	*	1.2	1.0
5-9	2.2	*	1.8	*	*	32.5	*	*	*	.	*	*	*
10-14	2.4	*	1.4	*	*	38.7	.	1.2	*	.	*	*	*
15-19	3.5	*	1.2	0.7	0.4	51.2	*	2.1	*	*	*	*	1.7
20-29	8.2	0.4	1.5	1.2	1.5	72.6	0.3	13.8	0.5	0.4	1.8	0.6	5.5
30-39	12.3	1.1	1.6	2.5	3.9	78.6	0.7	23.6	1.7	0.9	3.4	1.2	7.4
40-49	18.8	2.9	2.7	5.0	7.4	81.2	1.2	27.4	3.3	1.5	3.9	3.0	9.4
50-59	27.3	5.8	4.1	8.0	12.2	82.3	1.6	33.0	4.8	1.9	4.5	5.9	7.7
60-64	33.3	7.9	5.2	10.0	15.5	82.1	1.5	33.1	5.6	2.1	4.1	8.9	6.2
65-69	36.6	8.9	5.9	11.6	17.6	82.2	1.2	30.7	5.7	2.0	3.5	10.5	5.0
70-74	39.2	9.9	6.4	12.1	18.5	81.6	1.1	26.9	5.5	2.2	2.6	11.7	4.1
75-79	42.1	10.8	7.1	12.4	19.2	81.5	0.8	22.4	5.2	2.2	2.0	12.6	2.9
80-84	44.3	11.6	7.8	12.6	18.5	81.2	0.6	16.8	5.0	2.1	1.3	11.6	1.8
85+	46.6	11.8	8.4	11.9	16.2	80.2	0.5	11.6	4.1	2.0	0.8	10.6	1.1
0-19	3.5	0.4	1.4	0.8	0.7	42.3	*	2.0	0.4	*	0.2	0.5	1.1
20-44	13.0	1.4	1.8	2.8	4.3	78.1	0.8	22.4	1.9	1.0	3.3	1.4	7.7
45-64	27.9	6.0	4.2	8.2	12.5	82.1	1.5	32.2	4.8	1.9	4.2	6.4	7.6
65-74	37.9	9.4	6.1	11.9	18.1	81.9	1.2	28.8	5.6	2.1	3.0	11.1	4.5
75+	43.7	11.3	7.6	12.4	18.4	81.1	0.7	18.4	4.9	2.2	1.5	11.9	2.2
Male	31.1	8.1	5.6	9.1	15.1	80.0	1.3	24.7	4.7	1.9	3.0	8.8	6.3
Female	33.3	6.7	4.8	9.6	12.9	81.7	0.8	28.1	4.5	1.9	3.2	7.5	4.3
White	34.2	9.0	6.1	9.5	16.4	78.9	1.1	26.5	4.8	1.8	3.3	10.1	5.4
Black/Af Am	28.7	4.7	3.9	9.5	9.8	85.2	1.1	25.9	4.3	2.0	2.6	5.1	6.2
N Am/Alas Native	32.1	6.4	3.5	8.0	17.4	84.6	2.2	38.6	6.0	3.1	6.4	5.2	6.2
Asian	23.7	7.0	4.0	7.6	6.7	81.0	0.5	20.6	7.2	2.3	3.4	2.6	1.7
Pacific Islander	28.2	5.7	3.4	8.3	9.2	84.3	0.9	26.2	6.1	2.4	4.0	3.3	3.0
Mid.-east./Arabian	29.2	.	.	6.9	8.8	72.5	.	17.4	.	.	.	5.0	3.4
Ind. Subcont.	25.4	*	*	6.8	7.9	78.9	.	22.8	*	*	*	2.2	1.0
Other/multiracial	26.8	2.1	1.1	6.3	13.8	79.8	0.3	24.0	1.1	0.4	1.0	2.9	2.5
Unknown	31.6	.	.	8.1	12.6	75.1	.	21.2	.	.	.	7.1	3.5
Hispanic, Mexican	26.4	*	*	6.2	10.7	80.5	.	23.2	*	*	.	2.6	1.9
Hispanic, other	27.9	*	*	6.7	13.6	79.6	.	24.1	.	*	.	3.8	2.1
Hispanic, non-spec.	29.2	18.2	9.9	7.7	13.4	83.0	3.8	38.2	17.1	5.7	13.8	3.6	2.8
Non-Hispanic	32.8	7.7	5.5	9.7	14.4	80.8	1.1	25.9	4.4	1.9	2.8	8.9	5.9
Unknown	35.6	.	.	8.8	19.2	75.0	.	21.3	.	.	.	10.0	5.0
Diabetes	39.2	8.9	5.4	10.8	18.6	83.2	1.9	49.6	7.5	2.4	6.4	7.7	4.5
Hypertension	33.1	7.7	5.7	10.7	14.1	88.7	0.4	7.9	2.5	1.7	0.5	10.1	6.3
Glomerulonephritis	16.0	3.6	3.0	4.7	5.4	79.2	0.2	4.1	1.5	1.2	0.2	5.8	6.5
Cystic kidney	7.9	2.8	2.6	4.4	3.5	82.5	0.1	2.3	1.2	0.7	*	3.5	5.7
Other urologic	16.3	4.9	3.4	5.6	7.2	63.2	0.4	4.8	1.8	1.2	0.2	8.0	6.7
Other cause	22.2	5.7	5.2	5.9	8.0	63.1	0.5	8.4	2.3	1.4	0.4	7.6	5.9
Unknown cause	28.2	6.6	5.9	7.6	9.0	63.2	0.6	8.8	3.0	1.7	0.7	9.4	5.6
Missing	*	*	.	*	*	*	*	*	*	.	.	*	.
All	32.1	7.5	5.2	9.4	14.1	80.8	1.1	26.2	4.6	1.9	3.1	8.2	5.4
Total N	166,988	38,985	27,101	48,625	73,422	420,040	5,682	136,297	23,981	9,793	16,040	42,645	28,100

Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (old form); percent with comorbidity in each year

	Malign. neoplasm	Toxic neph.	Alcohol depend.	Drug depend.	Inability to ambulate	Inability to transfer	Needs assist. daily act.	Institutionalized	Instit. assist. living	Instit. nursing home	Instit. other inst.	Non-renal congen. abnormality	None
2002-2006													
0-4	2.0	.	*	*	5.6	3.5	4.4	*	*	*	*	2.0	10.5
5-9	1.5	*	*	*	3.1	1.5	2.4	.	.	.	.	2.9	11.5
10-14	1.2	*	*	.	2.1	1.0	1.6	.	.	.	.	1.3	11.0
15-19	0.7	*	*	0.7	1.5	0.8	1.3	*	*	*	*	1.3	10.4
20-29	0.7	0.2	0.7	2.3	1.4	0.5	1.2	0.4	*	0.2	0.2	0.6	3.8
30-39	1.3	0.2	1.8	3.5	1.7	0.6	1.4	0.5	0.1	0.3	0.2	0.3	2.0
40-49	2.3	0.2	3.2	4.0	2.6	0.9	1.9	1.0	0.1	0.9	0.2	0.1	1.2
50-59	4.3	0.2	2.3	1.7	4.2	1.5	2.8	1.5	0.1	1.4	0.2	0.1	0.8
60-64	6.2	0.2	1.5	0.4	4.9	2.0	3.4	1.8	0.1	1.8	0.2	0.0	0.6
65-69	7.7	0.2	1.1	0.2	5.7	2.4	3.8	2.3	0.2	2.2	0.2	0.0	0.5
70-74	9.1	0.2	0.8	0.1	6.2	2.7	4.3	2.7	0.2	2.7	0.2	0.0	0.5
75-79	10.5	0.1	0.6	0.1	6.9	3.0	4.9	3.3	0.3	3.3	0.2	0.0	0.4
80-84	10.9	0.1	0.3	0.0	7.4	3.3	5.7	4.2	0.4	4.0	0.2	0.0	0.4
85+	10.9	0.1	0.2	*	8.8	4.2	7.0	5.5	0.8	5.2	0.2	*	0.5
0-19	1.1	*	0.2	0.3	2.5	1.4	2.0	0.3	*	0.2	*	1.6	10.7
20-44	1.4	0.2	2.1	3.6	1.8	0.6	1.5	0.6	0.1	0.4	0.2	0.3	2.1
45-64	4.5	0.2	2.2	1.7	4.2	1.6	2.8	1.6	0.1	1.5	0.2	0.1	0.8
65-74	8.4	0.2	0.9	0.1	6.0	2.5	4.1	2.5	0.2	2.4	0.2	0.0	0.5
75+	10.7	0.1	0.4	0.1	7.4	3.3	5.6	4.0	0.4	3.9	0.2	0.0	0.4
Male	7.3	0.2	2.0	1.5	4.6	1.9	3.2	2.0	0.2	1.9	0.2	0.1	0.9
Female	5.7	0.1	0.6	0.7	5.8	2.5	4.2	2.6	0.2	2.5	0.2	0.1	0.9
White	7.8	0.2	1.2	0.5	5.3	2.2	3.9	2.5	0.3	2.3	0.2	0.1	1.0
Black/Af Am	4.6	0.1	2.0	2.7	5.0	2.2	3.5	2.1	0.1	2.1	0.2	0.1	0.7
N Am/Alas Native	3.1	*	3.9	1.0	4.0	1.2	3.1	1.1	*	1.1	*	*	0.4
Asian	3.7	0.2	0.2	*	3.8	1.8	3.1	1.3	0.1	1.4	0.1	*	1.6
Pacific Islander	2.6	*	0.6	0.3	3.7	1.5	2.4	0.6	*	0.7	*	*	0.9
Mid.-east./Arabian	2.5	.	*	*	4.5	1.8	.	.	.	.	.	.	.
Ind. Subcont.	1.9	.	*	*	3.2	1.1	.	.	.	.	.	.	.
Other/multiracial	3.1	*	1.0	0.9	4.4	1.5	0.9	0.4	*	0.4	*	*	0.3
Unknown	4.0	.	1.4	1.1	3.6	1.7	.	.	.	.	.	.	.
Hispanic, Mexican	2.3	*	1.1	0.6	3.2	1.1	.	.	.	.	.	.	.
Hispanic, other	3.4	.	0.9	0.8	4.0	1.6	.	.	.	.	.	.	.
Hispanic, non-spec.	3.6	0.3	1.4	0.9	6.6	3.2	10.3	3.4	0.3	3.6	0.3	0.2	4.0
Non-Hispanic	7.1	0.2	1.4	1.2	5.2	2.2	3.7	2.4	0.2	2.3	0.2	0.1	0.9
Unknown	7.8	.	1.6	*	4.9	2.9	.	.	.	.	.	.	.
Diabetes	4.0	0.1	0.8	0.6	6.1	2.4	4.1	2.4	0.2	2.3	0.1	0.0	0.2
Hypertension	6.2	0.1	1.6	1.4	4.3	1.8	3.4	2.4	0.2	2.3	0.2	0.1	0.4
Glomerulonephritis	5.0	0.1	1.6	1.7	2.0	0.7	1.5	0.9	0.1	0.8	0.1	0.1	2.0
Cystic kidney	3.6	*	0.6	0.5	0.9	0.4	0.7	0.4	0.1	0.2	0.1	0.2	2.3
Other urologic	20.1	*	1.5	0.5	6.7	2.7	3.6	2.3	0.3	2.1	0.2	0.5	2.8
Other cause	16.3	0.8	2.9	2.3	5.8	2.8	4.2	2.6	0.2	2.3	0.3	0.3	2.7
Unknown cause	9.0	0.2	2.6	1.7	6.1	2.9	4.3	3.2	0.3	3.1	0.3	0.2	3.8
Missing	.	.	.	.	*	*	.	.	.	.	.	.	.
All	6.6	0.2	1.4	1.1	5.1	2.1	3.7	2.3	0.2	2.2	0.2	0.1	0.9
Total N	34,256	855	7,325	5,882	26,593	11,129	18,986	11,819	1,084	11,270	908	519	4,865

Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form); percent with comorbidity in each year

2007-2010	CHF	ASHD	Other cardiac disease	CVA/TIA	PVD	History of HTN	Amputation	DM on insulin	DM oral med.	DM w/o meds	Diabetic retinopathy	COPD	Current smoker
0-4	5.1	2.7	5.7	2.3	2.5	34.0	*	5.7	2.4	1.4	1.2	2.2	*
5-9	2.4	*	3.8	*	*	35.0	*	2.2	.	*	.	.	.
10-14	1.0	*	3.5	*	*	41.7	*	1.1	*	*	.	.	.
15-19	2.6	*	3.6	0.8	*	56.1	*	2.9	0.5	0.4	*	*	1.7
20-29	7.5	1.3	4.1	1.5	1.7	76.8	0.9	17.6	2.0	1.2	5.3	0.7	7.2
30-39	12.2	3.6	5.9	2.8	4.3	83.3	2.3	31.3	4.9	2.7	10.0	1.5	8.0
40-49	19.0	8.4	8.6	5.1	7.6	85.0	3.6	36.6	9.3	4.1	10.8	3.6	10.1
50-59	26.5	15.2	12.5	8.2	11.5	85.5	4.2	42.6	13.1	4.9	11.6	6.7	9.1
60-64	32.1	21.2	16.3	10.1	14.5	85.9	4.1	45.1	15.1	5.3	11.2	9.6	7.1
65-69	35.3	24.7	19.0	11.1	16.5	86.0	3.5	42.4	15.6	5.6	9.2	11.5	5.8
70-74	38.2	27.5	21.3	11.9	17.4	85.9	3.0	38.6	15.8	5.7	7.4	12.8	4.7
75-79	41.5	30.0	23.9	11.7	18.1	85.6	2.1	32.6	15.2	6.0	5.2	13.3	3.2
80-84	43.8	31.9	25.9	11.9	17.9	85.2	1.5	26.1	13.9	5.8	3.5	13.0	2.1
85+	46.7	30.9	27.0	11.3	15.7	85.3	1.1	18.7	11.0	5.2	2.2	11.4	1.1
0-19	2.7	1.0	4.0	1.2	0.9	46.4	0.4	3.0	0.8	0.6	0.5	0.7	1.0
20-44	13.0	4.2	6.1	3.1	4.6	82.5	2.4	29.8	5.5	2.8	9.3	1.8	8.3
45-64	27.2	16.2	13.2	8.4	11.9	85.6	4.1	42.6	13.3	4.9	11.4	7.2	8.8
65-74	36.7	26.1	20.1	11.5	16.9	86.0	3.3	40.6	15.7	5.6	8.3	12.1	5.3
75+	43.5	30.8	25.3	11.7	17.5	85.4	1.7	27.2	13.8	5.7	3.9	12.7	2.3
Male	30.9	22.0	17.8	9.0	14.4	84.3	3.6	34.6	13.0	4.9	8.2	9.2	7.0
Female	32.3	18.6	15.7	9.5	12.2	85.5	2.3	38.4	12.7	5.1	8.7	8.8	5.1
White	32.9	23.6	18.9	9.0	15.3	83.0	3.1	36.0	12.7	4.6	8.7	10.6	5.9
Black/Af Am	29.4	13.8	12.9	10.0	9.9	88.8	3.0	36.5	12.1	5.6	7.1	6.2	7.4
N Am/Alas Native	28.7	18.6	11.2	7.6	17.0	86.9	7.5	51.0	18.6	7.4	19.9	5.1	7.0
Asian	24.6	16.8	13.0	8.0	6.9	86.3	1.0	30.6	18.3	5.8	8.4	3.8	2.1
Pacific Islander	28.5	16.2	15.3	7.7	9.5	85.8	3.8	42.0	20.6	6.2	13.8	4.1	5.0
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	28.9	22.0	13.6	9.8	14.6	84.7	3.6	40.1	12.7	4.4	13.0	5.6	4.7
Unknown	.	*	.	.	.	*	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-spec.	27.2	17.5	11.0	7.2	13.5	85.7	3.8	42.5	17.1	5.0	13.6	3.6	2.7
Non-Hispanic	32.2	21.0	17.9	9.5	13.4	84.6	2.9	35.2	12.2	5.0	7.6	9.9	6.8
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	38.0	24.5	17.5	10.7	17.8	87.1	5.4	65.5	20.6	5.9	17.3	8.8	5.3
Hypertension	32.5	20.4	18.7	10.3	12.6	91.0	1.2	13.9	7.6	4.8	1.5	10.3	7.0
Glomerulonephritis	15.3	11.5	10.2	4.4	5.5	84.2	0.6	7.1	5.0	3.5	0.8	6.4	7.5
Cystic kidney	7.5	7.9	8.2	4.3	3.0	86.3	0.3	3.7	3.4	2.3	0.3	3.5	6.0
Other urologic	15.9	13.3	11.3	5.3	7.2	70.6	1.2	7.6	5.1	4.0	0.8	8.7	7.7
Other cause	22.8	15.8	16.5	6.0	8.3	69.6	1.3	14.5	6.2	3.7	1.3	9.0	6.7
Unknown cause	27.6	16.7	17.0	8.0	8.5	69.1	1.3	14.1	6.7	4.5	1.5	10.4	6.2
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.
All	31.5	20.5	16.9	9.2	13.5	84.8	3.0	36.2	12.9	5.0	8.4	9.0	6.2
Total N	142,220	92,634	76,231	41,536	60,736	382,656	13,707	163,430	58,123	22,518	37,962	40,696	27,924

Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form); percent with comorbidity in each year

	Malign. neoplasm	Toxic neph.	Alcohol depend.	Drug depend.	Inability to ambulate	Inability to transfer	Needs assist. daily act.	Institutionalized	Instit. assist. living	Instit. nursing home	Instit. other inst.	Non-renal congen. abnormality	None
2007-2010													
0-4	2.9	*	*	*	5.1	3.8	11.5	1.5	*	*	*	8.6	36.5
5-9	3.8	*	.	.	3.6	2.0	7.4	*	.	*	.	8.5	36.4
10-14	1.2	*	.	*	3.0	1.2	5.8	*	.	.	*	6.5	38.4
15-19	1.0	*	.	*	1.5	0.7	4.0	0.6	.	*	0.4	4.3	28.4
20-29	1.0	0.6	1.1	3.0	1.7	0.9	4.2	1.2	0.2	0.8	0.5	1.7	10.6
30-39	1.4	0.5	2.1	3.4	2.2	1.0	4.5	1.8	0.2	1.4	0.5	0.7	4.9
40-49	2.5	0.6	3.3	4.0	3.3	1.5	6.1	3.0	0.3	2.5	0.6	0.5	3.0
50-59	4.7	0.5	2.9	2.4	5.2	2.4	8.7	4.8	0.3	4.4	0.5	0.3	2.0
60-64	6.8	0.5	1.8	0.8	6.7	3.2	11.0	6.1	0.4	5.8	0.5	0.2	1.5
65-69	8.8	0.5	1.3	0.3	7.9	4.0	12.5	7.5	0.5	7.4	0.5	0.1	1.3
70-74	10.2	0.4	0.8	0.1	8.6	4.6	14.1	9.0	0.6	8.8	0.5	0.1	1.2
75-79	11.7	0.3	0.6	0.1	9.4	5.2	16.2	10.9	0.8	10.7	0.6	0.1	1.1
80-84	12.5	0.3	0.3	0.1	10.6	5.8	18.5	13.4	1.3	12.9	0.7	0.1	1.1
85+	11.6	0.2	0.2	0.1	12.6	7.1	22.1	16.8	2.2	15.8	0.7	0.1	1.1
0-19	1.7	0.3	*	0.3	2.7	1.5	6.2	0.7	*	0.3	0.4	6.1	33.0
20-44	1.6	0.6	2.1	3.5	2.4	1.1	4.8	2.0	0.2	1.6	0.5	0.9	5.5
45-64	5.1	0.5	2.7	2.2	5.4	2.5	9.0	5.0	0.4	4.6	0.5	0.3	2.0
65-74	9.5	0.4	1.1	0.2	8.2	4.3	13.3	8.3	0.5	8.1	0.5	0.1	1.3
75+	11.9	0.3	0.4	0.1	10.5	5.8	18.3	13.1	1.3	12.6	0.6	0.1	1.1
Male	8.1	0.5	2.3	1.7	6.1	3.0	10.4	6.5	0.5	6.1	0.6	0.3	2.4
Female	6.3	0.5	0.8	0.9	8.1	4.3	13.7	8.5	0.7	8.2	0.5	0.3	2.4
White	8.5	0.5	1.5	0.8	7.3	3.6	12.4	7.8	0.7	7.3	0.6	0.4	2.6
Black/Af Am	5.4	0.3	2.0	2.9	6.6	3.6	10.9	7.0	0.3	6.9	0.5	0.3	1.8
N Am/Alas Native	4.0	0.3	4.4	1.8	5.7	2.3	9.3	4.8	0.3	4.5	0.3	*	1.5
Asian	3.8	0.3	0.3	0.1	5.0	2.7	9.3	4.3	0.4	4.2	0.3	0.2	3.4
Pacific Islander	2.9	0.3	0.7	0.4	5.3	3.0	10.4	3.3	0.3	3.0	0.3	0.4	2.8
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	5.9	*	1.4	1.6	5.6	2.3	10.2	5.7	*	5.4	*	*	2.6
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-spec.	3.6	0.3	1.5	1.0	6.3	3.2	11.2	3.9	0.3	3.8	0.3	0.3	3.2
Non-Hispanic	8.0	0.5	1.7	1.4	7.1	3.6	11.9	7.9	0.7	7.5	0.6	0.3	2.3
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	4.6	0.2	0.9	0.8	8.0	3.9	13.1	7.6	0.6	7.4	0.5	0.1	0.4
Hypertension	7.1	0.2	1.7	1.6	6.1	3.3	11.4	7.7	0.7	7.3	0.5	0.2	1.2
Glomerulonephritis	5.4	0.3	1.7	1.7	2.5	1.1	5.0	2.7	0.3	2.3	0.4	0.5	6.0
Cystic kidney	3.9	0.1	0.7	0.7	1.2	0.5	2.5	1.2	0.1	1.1	0.2	0.9	6.2
Other urologic	20.8	0.4	1.6	0.8	9.1	4.4	13.2	7.8	0.8	7.0	0.9	1.4	7.7
Other cause	17.1	2.0	3.8	2.5	8.2	4.6	13.4	8.7	0.7	8.1	0.9	1.0	6.8
Unknown cause	9.4	0.6	2.7	1.9	7.5	4.4	12.4	9.3	0.7	8.7	0.9	0.5	8.5
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.
All	7.4	0.5	1.6	1.3	7.0	3.6	11.8	7.4	0.6	7.0	0.5	0.3	2.4
Total N	33,178	2,046	7,406	6,018	31,394	16,048	53,316	33,272	2,759	31,622	2,434	1,452	10,751

Table C.5

Prescribed therapy for hemodialysis patients (item 23 on ME Form)*incident patients with completed Medical Evidence forms*

2005-2007	Sessions per week				Hours per session			
	1-2	3	4	5+	1-2	3	4	5+
0-4	*	81.4	9.0	6.8	9.6	54.2	34.5	*
5-9	*	87.9	*	*	*	68.1	26.7	*
10-14	4.1	93.0	*	*	4.4	66.7	28.9	*
15-19	2.8	94.8	1.4	0.9	0.8	50.7	48.0	*
20-29	0.6	97.3	1.4	0.6	0.7	35.3	63.0	1.0
30-39	0.8	97.4	1.6	0.2	0.4	32.0	66.0	1.6
40-49	0.9	97.5	1.5	0.2	0.5	32.5	65.7	1.4
50-59	1.1	97.5	1.3	0.1	0.4	33.6	64.7	1.3
60-64	1.1	97.6	1.2	0.1	0.4	34.7	63.8	1.0
65-69	1.3	97.4	1.3	0.1	0.5	36.5	62.2	0.8
70-74	1.6	97.3	1.1	0.0	0.6	38.4	60.3	0.8
75-79	1.7	97.0	1.2	0.1	0.6	41.8	57.1	0.5
80-84	2.5	96.5	1.0	*	0.7	45.3	53.5	0.5
85+	3.1	96.1	0.7	*	1.1	50.5	48.1	0.3
0-19	3.1	92.7	2.8	1.4	2.6	55.2	41.7	0.6
20-44	0.8	97.4	1.5	0.3	0.5	32.9	65.2	1.4
45-64	1.1	97.5	1.3	0.1	0.4	33.7	64.7	1.2
65-74	1.4	97.3	1.2	0.1	0.5	37.4	61.2	0.8
75+	2.3	96.7	1.0	0.0	0.7	44.9	53.9	0.5
Male	1.3	97.2	1.3	0.1	0.5	34.9	63.4	1.2
Female	1.7	97.1	1.1	0.1	0.7	41.1	57.6	0.6
White	1.7	97.1	1.1	0.1	0.6	39.1	59.5	0.8
Black/Af Am	0.8	97.5	1.5	0.1	0.4	32.1	66.2	1.3
N Am/Alas Native	1.3	97.6	1.1	*	*	28.9	70.3	0.4
Asian	2.4	96.5	1.0	*	0.8	60.5	38.3	0.4
Pacific Islander	1.1	97.9	0.9	*	0.7	44.7	53.4	1.2
Other/multiracial	1.1	97.3	1.4	*	*	37.3	61.1	1.1
Unknown	.	100.0	.	.	.	100.0	.	.
Hispanic, non-spec.	1.0	97.7	1.2	0.1	0.5	40.9	58.1	0.5
Non-Hispanic	1.5	97.1	1.2	0.1	0.6	37.2	61.3	1.0
Diabetes	1.2	97.4	1.3	0.1	0.4	35.8	62.7	1.0
Hypertension	1.7	97.1	1.2	0.1	0.7	39.4	59.1	0.8
Glomerulonephritis	1.6	97.1	1.1	0.3	0.6	36.7	61.5	1.1
Cystic kidney	1.9	96.8	0.9	0.4	0.8	39.4	59.0	0.9
Other urologic	2.5	96.5	0.9	*	0.7	40.1	58.6	0.6
Other cause	1.5	97.1	1.2	0.2	0.6	38.6	60.1	0.8
Unknown cause	1.7	97.1	1.1	0.1	0.7	43.2	55.2	0.9
Missing								
All	1.5	97.2	1.2	0.1	0.6	37.7	60.9	0.9
Total N	3,860	255,315	3,225	289	1,473	98,937	159,854	2,425

Table C.5 (continued)

Prescribed therapy for hemodialysis patients (item 23 on ME Form)*incident patients with completed Medical Evidence forms*

2008-2010	Sessions per week				Hours per session			
	1-2	3	4	5+	1-2	3	4	5+
0-4	*	89.0	*	5.3	7.7	48.3	43.1	*
5-9	*	93.8	*	*	7.5	65.1	27.4	*
10-14	5.0	93.4	*	*	4.2	63.9	31.9	*
15-19	2.5	95.5	1.5	*	1.7	48.2	49.5	*
20-29	0.9	97.4	1.1	0.6	0.4	32.8	65.1	1.7
30-39	0.7	97.6	1.4	0.4	0.5	28.4	69.0	2.1
40-49	0.9	97.4	1.3	0.3	0.5	28.3	69.4	1.8
50-59	0.9	97.6	1.2	0.3	0.4	29.0	69.1	1.5
60-64	1.1	97.6	1.1	0.2	0.4	30.5	67.9	1.2
65-69	1.3	97.5	1.0	0.2	0.5	31.6	66.9	1.1
70-74	1.4	97.5	0.9	0.2	0.5	33.6	65.2	0.7
75-79	1.8	97.2	0.9	0.1	0.6	36.5	62.3	0.6
80-84	2.2	97.0	0.7	0.1	0.6	40.1	58.7	0.5
85+	3.0	96.2	0.7	0.1	1.0	46.7	51.9	0.4
0-19	2.9	94.3	1.8	1.0	3.2	52.4	43.9	0.5
20-44	0.8	97.6	1.3	0.4	0.5	29.0	68.5	2.0
45-64	1.0	97.5	1.2	0.3	0.4	29.5	68.7	1.4
65-74	1.4	97.5	1.0	0.2	0.5	32.6	66.1	0.9
75+	2.2	96.9	0.8	0.1	0.7	40.2	58.6	0.5
Male	1.3	97.4	1.1	0.2	0.5	30.5	67.7	1.3
Female	1.6	97.3	1.0	0.2	0.6	36.6	62.0	0.8
White	1.7	97.1	0.9	0.3	0.6	34.3	64.1	0.9
Black/Af Am	0.6	97.9	1.3	0.1	0.4	27.9	70.1	1.6
N Am/Alas Native	1.3	97.5	1.1	*	0.5	23.9	74.9	0.6
Asian	2.2	96.6	1.0	0.2	0.7	54.9	44.0	0.4
Pacific Islander	1.1	96.6	2.0	*	0.9	40.6	57.4	1.1
Other/multiracial	*	98.1	0.8	*	0.6	32.6	65.6	1.2
Unknown								
Hispanic, non-spec.	1.0	98.0	1.0	0.1	0.5	35.7	63.2	0.6
Non-Hispanic	1.5	97.2	1.0	0.2	0.6	32.7	65.6	1.2
Diabetes	1.2	97.6	1.0	0.2	0.4	31.1	67.2	1.2
Hypertension	1.6	97.1	1.2	0.1	0.6	34.9	63.6	1.0
Glomerulonephritis	1.4	97.3	0.9	0.5	0.6	33.7	64.2	1.4
Cystic kidney	2.2	95.5	0.9	1.4	1.2	35.2	62.3	1.2
Other urologic	2.1	96.8	0.9	0.2	0.6	35.2	63.6	0.6
Other cause	1.5	97.3	0.9	0.3	0.6	34.6	63.8	0.9
Unknown cause	1.4	97.4	0.9	0.3	0.7	35.8	62.4	1.1
Missing								
All	1.4	97.3	1	0.2	0.5	33.1	65.2	1.1
Total N	4,365	303,574	3,234	692	1,688	103,295	203,427	3,455

Table D.1

Percentages & counts of reported ESRD patients: by treatment modality*incident & December 31 point prevalent patients*

INCIDENT COUNTS	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Modality														
Dialysis	29,993	49,769	69,171	92,810	95,999	98,049	100,684	102,737	104,881	108,506	108,582	110,100	113,776	114,083
Started with a transplant	543	1,100	1,222	1,736	1,821	1,934	1,997	2,246	2,404	2,617	2,643	2,631	2,697	2,863
Dialysis type														
Center hemodialysis	24,008	40,979	58,343	84,695	87,901	90,484	92,956	94,948	97,278	101,097	101,398	102,696	105,717	105,144
Center self hemodialysis	.	.	51	28	45	53	47	28	31	32	44	50	68	87
Home hemodialysis	398	577	740	414	384	274	435	477	445	420	441	525	572	692
CAPD	4,029	5,910	7,288	5,002	4,973	4,676	4,740	4,723	4,704	4,432	4,157	4,160	4,409	4,848
CCPD	138	611	2,118	2,447	2,495	2,345	2,325	2,369	2,230	2,308	2,361	2,447	2,704	2,855
Other PD	582	661	172	86	71	103	70	60	46	33	28	36	30	30
Uncertain dialysis	838	1,031	459	138	130	114	111	132	147	184	153	186	276	427
All	30,536	50,869	70,393	94,546	97,820	99,983	102,681	104,983	107,285	111,123	111,225	112,731	116,473	116,946
PERCENTAGES														
Modality														
Dialysis	98.2	97.8	98.3	98.2	98.1	98.1	98.1	97.9	97.8	97.6	97.6	97.7	97.7	97.6
Started with a transplant	1.8	2.2	1.7	1.8	1.9	1.9	1.9	2.1	2.2	2.4	2.4	2.3	2.3	2.4
Dialysis type														
Center hemodialysis	80.0	82.3	84.3	91.3	91.6	92.3	92.3	92.4	92.8	93.2	93.4	93.3	92.9	92.2
Center self hemodialysis	.	.	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Home hemodialysis	1.3	1.2	1.1	0.4	0.4	0.3	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.6
CAPD	13.4	11.9	10.5	5.4	5.2	4.8	4.7	4.6	4.5	4.1	3.8	3.8	3.9	4.2
CCPD	0.5	1.2	3.1	2.6	2.6	2.4	2.3	2.3	2.1	2.1	2.2	2.2	2.4	2.5
Other PD	1.9	1.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Uncertain dialysis	2.8	2.1	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.4
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
POINT PREVALENT COUNTS														
Modality														
Dialysis	86,597	136,134	209,907	284,154	297,263	309,368	321,044	332,514	344,220	357,399	370,527	384,406	399,963	415,013
Functioning graft	26,606	50,709	78,120	108,828	115,347	122,211	128,967	136,370	143,777	151,494	158,728	165,638	172,421	179,361
Dialysis type														
Center hemodialysis	67,580	111,712	174,635	255,247	268,653	280,857	292,078	303,430	314,753	327,554	339,844	352,669	366,498	378,293
Center self hemodialysis	*	.	506	268	317	272	194	185	139	103	142	154	191	196
Home hemodialysis	5,821	2,987	3,070	2,187	1,887	1,763	1,916	2,059	2,227	2,594	3,217	4,014	4,677	5,503
CAPD	10,541	16,905	22,254	13,339	12,563	11,706	11,419	11,053	10,918	10,563	10,040	9,769	9,458	9,717
CCPD	541	1,975	7,794	11,890	12,733	13,697	14,431	14,785	15,171	15,582	16,242	16,748	17,978	20,016
Other PD	859	480	214	74	72	81	58	50	41	38	28	36	39	31
Uncertain dialysis	1,254	2,075	1,434	1,149	1,038	992	948	952	971	965	1,014	1,016	1,122	1,257
All	113,203	186,843	288,027	392,982	412,610	431,579	450,011	468,884	487,997	508,893	529,255	550,044	572,384	594,374
PERCENTAGES														
Modality														
Dialysis	76.5	72.9	72.9	72.3	72.0	71.7	71.3	70.9	70.5	70.2	70.0	69.9	69.9	69.8
Functioning graft	23.5	27.1	27.1	27.7	28.0	28.3	28.7	29.1	29.5	29.8	30.0	30.1	30.1	30.2
Dialysis type														
Center hemodialysis	78.0	82.1	83.2	89.8	90.4	90.8	91.0	91.3	91.4	91.6	91.7	91.7	91.6	91.2
Center self hemodialysis	0.0	.	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Home hemodialysis	6.7	2.2	1.5	0.8	0.6	0.6	0.6	0.6	0.6	0.7	0.9	1.0	1.2	1.3
CAPD	12.2	12.4	10.6	4.7	4.2	3.8	3.6	3.3	3.2	3.0	2.7	2.5	2.4	2.3
CCPD	0.6	1.5	3.7	4.2	4.3	4.4	4.5	4.4	4.4	4.4	4.4	4.4	4.5	4.8
Other PD	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uncertain dialysis	1.4	1.5	0.7	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
All	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table D.10

Incident ESRD patients, 2010, by treatment modality*by age, gender, race, ethnicity, & primary diagnosis*

	Center hemo	Center self hemo	Home hemo	CAPD	CCPD	Other PD	Uncertain dialysis	Transplant	All
0-4	97	.	.	13	158	*	*	35	312
5-9	59	.	.	.	47	.	*	45	152
10-14	131	.	*	*	81	.	*	77	299
15-19	403	.	.	26	94	*	*	102	632
20-29	2,340	*	*	188	107	*	18	160	2,826
30-39	5,041	*	23	358	206	*	31	313	5,977
40-49	10,660	*	67	657	381	*	67	572	12,412
50-59	20,074	*	136	1,081	594	*	114	745	22,756
60-64	13,311	*	80	679	352	*	63	349	14,842
65-69	12,952	18	66	586	270	*	54	273	14,224
70-74	12,419	20	83	498	221	*	12	151	13,406
75-79	11,584	12	67	394	169	*	26	36	12,290
80-84	9,463	*	94	245	110	*	14	*	9,937
85+	6,559	*	65	115	65	*	11	.	6,828
Unknown	51	.	.	*	.	.	.	.	53
0-19	690	.	*	45	380	*	17	259	1,395
20-44	11,709	*	62	836	464	*	80	701	13,863
45-64	39,717	17	254	2,127	1,176	*	213	1,438	44,950
65-74	25,371	38	149	1,084	491	*	66	424	27,630
75+	27,606	25	226	754	344	*	51	41	29,055
Unknown	51	.	.	*	.	.	.	.	53
Male	59,971	58	387	2,687	1,618	14	235	1,680	66,650
Female	45,168	29	305	2,161	1,237	16	191	1,181	50,288
Unknown	*	.	.	.	.	.	*	*	*
White	68,964	77	474	3,418	2,067	23	154	1,853	77,030
Black/Af Am	29,844	*	193	1,055	621	*	49	245	32,018
Native American	1,251	*	*	48	22	.	*	96	1,422
Asian	4,740	*	22	320	135	*	19	613	5,853
Other/unknown	345	.	.	*	*	*	204	56	623
Hispanic	15,543	*	41	542	443	*	*	236	16,823
Non-Hispanic	89,601	81	651	4,306	2,412	27	418	2,627	100,123
Diabetes	47,766	23	256	2,007	1,052	*	43	479	51,636
Hypertension	30,320	26	280	1,298	624	*	26	283	32,861
Glomerulonephritis	5,813	*	29	605	414	*	19	537	7,428
Cystic kidney	1,658	*	26	282	158	*	14	483	2,630
Other urologic	1,408	*	*	62	38	*	*	63	1,585
Other cause	13,485	13	68	421	423	*	23	505	14,940
Unknown cause	3,580	*	18	121	115	*	*	116	3,963
Missing cause	1,114	*	*	52	31	*	292	397	1,903
All	105,144	87	692	4,848	2,855	30	427	2,863	116,946

Table D.11

Point prevalent ESRD patients, 2010, by treatment modality

December 31 point prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

	Center hemo	Center self hemo	Home hemo	CAPD	CCPD	Other PD	Uncertain dialysis	Transplant	All
0-4	205	.	*	15	262	*	15	291	797
5-9	82	.	*	.	111	.	*	923	1,125
10-14	234	.	*	11	178	.	13	1,448	1,889
15-19	853	*	13	39	303	.	18	2,772	4,000
20-29	8,784	*	179	359	928	*	89	8,829	19,178
30-39	21,808	17	598	907	1,856	*	144	19,068	44,401
40-49	45,791	37	1,001	1,611	3,165	*	237	36,764	88,609
50-59	80,686	50	1,306	2,414	4,289	*	321	48,561	137,633
60-64	50,600	18	684	1,346	2,453	*	176	24,267	79,548
65-69	45,511	25	582	1,054	2,172	*	91	17,673	67,112
70-74	48,915	19	513	915	1,980	*	64	12,859	65,270
75-79	27,757	*	251	488	1,071	.	38	3,923	33,537
80-84	27,515	*	201	377	837	*	24	1,635	30,593
85+	19,552	*	162	181	411	*	19	348	20,682
Unknown									
0-19	1,374	*	26	65	854	*	54	5,434	7,811
20-44	49,362	47	1,243	1,981	4,165	*	350	44,092	101,245
45-64	158,307	84	2,525	4,656	8,526	12	617	93,397	268,124
65-74	86,689	42	1,021	1,825	3,852	*	148	28,967	122,550
75+	82,561	21	688	1,190	2,619	*	88	7,471	94,644
Unknown									
Male	210,586	108	3,364	5,012	10,760	16	732	106,863	337,441
Female	167,700	88	2,139	4,705	9,256	15	522	72,495	256,920
Unknown	*	.	.	.	.	.	*	*	13
White	208,500	127	3,621	6,268	13,367	15	601	127,790	360,289
Black/Af Am	142,955	60	1,612	2,468	5,142	11	292	35,324	187,864
Native American	5,619	*	48	134	219	.	*	2,053	8,085
Asian	18,877	*	205	791	1,209	*	62	11,707	32,862
Other/unknown	2,342	.	17	56	79	*	292	2,487	5,274
Hispanic	64,565	*	426	1,229	2,915	*	146	24,220	93,510
Non-Hispanic	313,728	188	5,077	8,488	17,101	30	1,111	155,141	500,864
Diabetes	170,875	65	1,749	3,490	6,653	12	221	41,657	224,722
Hypertension	109,146	51	1,395	2,562	5,026	*	173	28,817	147,174
Glomerulonephritis	34,311	33	988	1,527	3,428	*	205	46,005	86,499
Cystic kidney	9,032	11	300	549	1,025	.	51	17,377	28,345
Other urologic	6,567	*	148	180	406	.	22	5,891	13,220
Other cause	34,054	21	715	1,045	2,655	*	158	26,748	65,402
Unknown cause	12,637	*	182	296	742	*	33	8,061	21,958
Missing cause	1,671	*	26	68	81	*	394	4,805	7,054
All	378,293	196	5,503	9,717	20,016	31	1,257	179,361	594,374

Table D.17

Counts of incident ESRD patients, by payor category: all patients

by age, gender, race, ethnicity, & primary diagnosis

	2002							2006						
	M'care FFS	M'care/ Mcaid	MSP EGHP	MSP Non-EGHP	HMO	Other/ unk	All	M'care FFS	M'care/ Mcaid	MSP EGHP	MSP Non-EGHP	HMO	Other/ unk	All
0-4	57	21	39	*	*	58	178	59	14	32	*	.	91	198
5-9	48	25	40	*	.	68	182	35	*	31	.	.	53	128
10-14	104	28	84	.	.	122	338	95	23	45	*	*	132	297
15-19	211	15	145	.	.	213	584	245	36	134	.	.	258	673
20-29	1,115	160	488	*	*	802	2,580	1,196	197	446	*	17	902	2,763
30-39	2,348	540	1,319	16	27	1,555	5,805	2,533	566	1,119	17	80	1,713	6,028
40-49	4,506	1,067	2,687	42	151	2,872	11,325	5,075	1,311	2,611	76	253	3,324	12,650
50-59	7,418	1,850	4,506	103	360	3,993	18,230	8,610	2,252	4,827	146	884	5,254	21,973
60-64	4,731	1,199	2,010	60	398	2,181	10,579	5,354	1,342	2,313	89	756	2,576	12,430
65-69	6,408	2,748	691	88	1,465	406	11,806	6,350	2,726	870	145	2,191	443	12,725
70-74	7,407	2,619	274	127	1,958	322	12,707	6,773	2,571	351	137	2,667	352	12,851
75-79	7,731	2,165	146	146	1,830	216	12,234	7,384	2,118	164	169	2,658	231	12,724
80-84	5,674	1,435	45	99	1,355	143	8,751	6,128	1,490	63	108	1,909	170	9,868
85+	3,069	842	15	38	650	70	4,684	3,702	890	20	76	1,022	102	5,812
Unknown	.	.	.	.	.	.	.	*	.	*	.	.	*	*
0-19	420	89	308	*	*	461	1,282	434	82	242	*	*	534	1,296
20-44	5,401	1,141	2,873	44	86	3,583	13,128	5,793	1,285	2,674	46	200	4,025	14,023
45-64	14,717	3,675	8,137	185	857	7,820	35,391	16,975	4,383	8,642	287	1,790	9,744	41,821
65-74	13,815	5,367	965	215	3,423	728	24,513	13,123	5,297	1,221	282	4,858	795	25,576
75+	16,474	4,442	206	283	3,835	429	25,669	17,214	4,498	247	353	5,589	503	28,404
Unknown	.	.	.	.	.	.	.	*	.	*	.	.	*	*
Male	29,326	5,655	7,564	446	4,499	6,840	54,330	31,750	6,459	7,928	566	6,793	8,590	62,086
Female	21,501	9,059	4,925	283	3,704	6,181	45,653	21,790	9,086	5,099	405	5,645	7,011	49,036
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
White	35,594	7,668	8,210	508	6,033	7,006	65,019	37,884	8,566	8,640	691	8,833	8,635	73,249
Black/Af Am	13,049	5,750	3,559	201	1,749	4,395	28,703	13,658	5,690	3,647	256	3,063	5,191	31,505
Native American	583	240	110	*	26	181	1,148	599	250	112	*	40	223	1,229
Asian	1,086	886	529	*	362	732	3,602	1,345	1,017	611	16	483	1,306	4,778
Other/unknown	515	170	81	*	33	707	1,511	54	22	17	*	19	247	362
†Hispanic								5,543	2,764	1,306	83	1,853	3,271	14,820
†Non-Hispanic								47,997	12,781	11,721	888	10,585	12,331	96,303
Diabetes	21,926	7,967	5,412	318	3,676	5,170	44,469	22,970	8,273	5,705	421	5,995	6,082	49,446
Hypertension	15,208	4,060	2,290	214	2,758	2,783	27,313	15,933	4,141	2,442	269	3,805	3,291	29,881
Glomerulonephritis	4,138	681	1,861	51	494	1,516	8,741	3,633	622	1,637	53	515	1,571	8,031
Cystic kidney	886	138	734	*	81	407	2,252	1,040	165	819	20	122	496	2,662
Other urologic	1,528	352	361	30	231	429	2,931	852	203	177	14	176	252	1,674
Other cause	4,880	958	1,396	75	659	1,974	9,942	6,501	1,406	1,767	132	1,206	2,736	13,748
Unknown cause	2,105	488	397	27	298	616	3,931	2,312	632	420	48	535	877	4,824
Missing cause	156	70	38	*	*	126	404	299	103	60	14	84	297	857
All	50,827	14,714	12,489	729	8,203	13,021	99,983	53,540	15,545	13,027	971	12,438	15,602	111,123

Table D.17 (continued)

Counts of incident ESRD patients, by payor category: all patients

by age, gender, race, ethnicity, & primary diagnosis

	2010		MSP	Other/ unk	All		
	M'care/ FFS	M'care/ Mcaid				EGHP	Non-EGHP	HMO
0-4	62	27	36	*	*	183	312
5-9	53	19	21	*	.	58	152
10-14	77	25	40	*	*	155	299
15-19	219	25	98	*	.	289	632
20-29	1,121	190	355	27	22	1,111	2,826
30-39	2,353	569	820	73	104	2,058	5,977
40-49	4,703	1,285	2,114	127	398	3,785	12,412
50-59	8,351	2,547	3,976	292	1,290	6,300	22,756
60-64	5,730	1,533	2,298	194	1,313	3,774	14,842
65-69	6,317	2,764	995	166	3,404	578	14,224
70-74	6,388	2,347	452	193	3,574	452	13,406
75-79	6,338	1,940	169	190	3,305	348	12,290
80-84	5,543	1,481	59	162	2,484	208	9,937
85+	3,959	1,021	26	93	1,548	181	6,828
Unknown	.	.	.	.	.	53	53
0-19	411	96	195	*	*	685	1,395
20-44	5,488	1,265	1,976	147	243	4,744	13,863
45-64	16,770	4,859	7,587	566	2,884	12,284	44,950
65-74	12,705	5,111	1,447	359	6,978	1,030	27,630
75+	15,840	4,442	254	445	7,337	737	29,055
Unknown	.	.	.	.	.	53	53
Male	31,031	6,863	7,164	920	9,739	10,933	66,650
Female	20,180	8,910	4,295	601	7,706	8,596	50,288
Unknown	*	.	.	.	*	*	*
White	36,339	8,871	7,695	1,028	12,192	10,905	77,030
Black/ Af Am	12,617	5,455	3,055	439	4,477	5,975	32,018
Native American	670	258	110	23	49	312	1,422
Asian	1,517	1,134	570	26	702	1,904	5,853
Other/unknown	71	55	29	*	26	437	623
†Hispanic	5,562	2,943	1,259	172	2,756	4,131	16,823
†Non-Hispanic	45,652	12,830	10,200	1,349	14,690	15,402	100,123
Diabetes	21,722	8,270	4,956	708	8,291	7,689	51,636
Hypertension	15,887	4,368	2,401	403	5,343	4,459	32,861
Glomerulonephritis	3,098	537	1,282	88	696	1,727	7,428
Cystic kidney	977	155	694	37	171	596	2,630
Other urologic	767	194	171	16	205	232	1,585
Other cause	6,414	1,523	1,489	187	1,979	3,348	14,940
Unknown cause	1,731	455	318	55	578	826	3,963
Missing cause	618	271	148	27	183	656	1,903
All	51,214	15,773	11,459	1,521	17,446	19,533	116,946

Table D.21

Counts of point prevalent ESRD patients, by payor category: all patients

December 31 point prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

	2002							2006						
	M'care FFS	M'care/ Mcaid	MSP EGHP	MSP Non-EGHP	HMO	Other/ unk	All	M'care FFS	M'care/ Mcaid	MSP EGHP	MSP Non-EGHP	HMO	Other/ unk	All
0-4	76	146	97	*	*	163	488	70	186	90	*	*	183	535
5-9	118	230	119	*	*	464	944	83	206	106	11	*	611	1,023
10-14	288	503	209	*	*	912	1,923	198	404	188	*	*	1,104	1,913
15-19	578	917	421	22	12	1,519	3,469	525	1,013	429	21	19	1,983	3,990
20-29	3,244	6,757	1,614	125	160	4,890	16,790	3,019	6,739	1,573	158	277	6,052	17,818
30-39	11,098	14,812	4,738	396	595	10,846	42,485	10,596	14,946	4,604	500	961	11,855	43,462
40-49	22,805	22,348	9,294	649	1,452	17,317	73,865	23,128	25,131	10,003	909	2,303	20,554	82,028
50-59	34,882	24,962	12,866	751	2,741	18,337	94,539	41,256	31,704	15,293	1,047	4,493	25,312	119,105
60-64	19,315	11,882	5,282	279	1,971	7,251	45,980	23,830	14,174	6,587	447	3,107	10,615	58,760
65-69	23,654	12,915	2,151	226	3,816	1,555	44,317	27,930	15,045	2,956	348	5,372	1,867	53,518
70-74	28,064	12,389	639	244	5,704	1,076	48,116	29,884	14,155	998	318	7,650	1,543	54,548
75-79	16,377	5,994	166	98	3,190	444	26,269	17,730	6,859	229	120	4,568	603	30,109
80-84	13,956	4,531	71	71	2,639	303	21,571	16,352	5,470	109	93	3,961	491	26,476
85+	7,005	2,323	18	31	1,266	180	10,823	9,974	3,036	31	49	2,188	329	15,607
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
0-19	1,060	1,796	846	43	21	3,058	6,824	876	1,809	813	45	37	3,881	7,461
20-44	23,964	31,976	10,379	817	1,361	23,795	92,292	23,233	32,985	10,497	1,085	2,149	27,081	97,030
45-64	67,380	48,785	23,415	1,383	5,558	34,846	181,367	78,596	59,709	27,563	1,976	8,992	47,307	224,143
65-74	47,155	23,477	2,732	447	8,607	2,496	84,914	53,190	27,286	3,874	622	11,787	3,222	99,981
75+	41,901	14,675	313	223	8,008	1,062	66,182	48,680	17,279	449	306	11,952	1,611	80,277
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
Male	108,428	56,542	22,550	1,951	13,111	35,517	238,099	123,852	67,330	26,176	2,516	19,304	46,058	285,236
Female	73,032	64,167	15,135	962	10,444	29,739	193,479	80,722	71,738	17,020	1,518	15,613	37,043	223,654
Unknown	.	.	.	.	.	.	*	*	*	.	.	.	*	*
White	121,840	56,373	26,211	1,983	15,868	41,979	264,254	136,165	66,009	29,744	2,684	23,120	53,439	311,161
Black/Af Am	51,012	55,064	9,390	806	5,672	16,245	138,189	58,236	61,577	10,876	1,185	8,961	20,053	160,888
Native American	2,076	2,425	340	38	86	947	5,912	2,368	2,798	357	41	170	1,078	6,812
Asian	5,293	5,830	1,549	81	1,801	3,751	18,305	6,508	7,365	2,034	110	2,451	5,522	23,990
Other/unknown	1,239	1,017	195	*	128	2,335	4,919	1,298	1,319	185	14	215	3,011	6,042
†Hispanic								20,272	26,488	3,994	385	5,915	15,766	72,820
†Non-Hispanic								184,303	112,580	39,202	3,649	29,002	67,337	436,073
Diabetes	66,436	49,043	14,328	870	10,284	15,750	156,711	78,250	58,310	15,908	1,139	15,521	20,083	189,211
Hypertension	47,926	32,933	6,194	559	6,659	11,239	105,510	53,847	37,859	7,231	788	9,524	14,499	123,748
Glomerulonephritis	29,241	17,165	7,576	670	2,792	16,038	73,482	29,990	17,755	8,443	920	3,813	19,682	80,603
Cystic kidney	8,807	2,836	2,728	179	842	4,359	19,751	9,816	3,319	3,317	268	1,249	5,796	23,765
Other urologic	5,454	3,250	1,136	115	549	2,521	13,025	5,102	3,318	1,074	141	741	3,017	13,393
Other cause	16,457	11,175	4,403	386	1,612	9,700	43,733	19,534	13,063	5,536	571	2,712	12,534	53,950
Unknown cause	6,343	4,063	1,095	99	759	3,425	15,784	6,933	5,057	1,339	155	1,192	4,679	19,355
Missing cause	796	244	225	35	58	2,225	3,583	1,103	387	348	52	165	2,813	4,868
All	181,460	120,709	37,685	2,913	23,555	65,257	431,579	204,575	139,068	43,196	4,034	34,917	83,103	508,893

Table D.21 (continued)

Counts of point prevalent ESRD patients, by payor category: all patients

December 31 point prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

	2010		MSP			Other/	All
	M'care FFS	M'care/ Mcaid	EGHP	Non-EGHP	HMO	unk	
0-4	77	209	89	*	*	413	797
5-9	79	220	69	11	*	742	1,125
10-14	160	337	138	19	*	1,229	1,889
15-19	432	888	381	36	18	2,245	4,000
20-29	2,756	6,929	1,325	276	358	7,534	19,178
30-39	10,000	15,268	3,761	909	1,198	13,265	44,401
40-49	23,772	27,093	8,966	1,774	3,428	23,576	88,609
50-59	43,608	37,137	14,205	2,459	7,798	32,426	137,633
60-64	30,292	17,755	7,724	1,253	6,350	16,174	79,548
65-69	32,196	16,782	3,681	999	10,131	3,323	67,112
70-74	32,720	15,684	1,282	878	12,534	2,172	65,270
75-79	17,452	7,306	281	396	7,130	972	33,537
80-84	16,888	6,040	118	269	6,548	730	30,593
85+	11,865	3,895	49	179	4,059	635	20,682
Unknown	.	.	.	.	.	.	.
0-19	748	1,654	677	69	34	4,629	7,811
20-44	22,574	33,994	8,729	1,999	2,830	31,119	101,245
45-64	87,854	70,188	27,252	4,672	16,302	61,856	268,124
65-74	59,969	30,150	4,843	1,765	20,658	5,165	122,550
75+	51,152	19,557	568	956	19,744	2,667	94,644
Unknown	.	.	.	.	.	.	.
Male	136,117	76,981	25,922	5,698	33,397	59,326	337,441
Female	86,177	78,561	16,147	3,763	26,170	46,102	256,920
Unknown	*	*	.	.	*	*	13
White	145,361	75,614	28,590	5,612	38,750	66,362	360,289
Black/Af Am	65,277	66,782	10,767	3,451	16,562	25,025	187,864
Native American	2,705	3,134	405	96	233	1,512	8,085
Asian	8,096	9,092	2,179	256	3,808	9,431	32,862
Other/unknown	858	921	128	46	215	3,106	5,274
†Hispanic	22,826	31,970	4,330	1,069	11,032	22,283	93,510
†Non-Hispanic	199,471	123,573	37,739	8,392	48,536	83,153	500,864
Diabetes	85,643	66,508	15,279	3,245	27,475	26,572	224,722
Hypertension	59,082	42,768	7,748	2,098	16,004	19,474	147,174
Glomerulonephritis	30,199	18,056	7,791	1,745	5,685	23,023	86,499
Cystic kidney	11,109	3,814	3,243	534	2,107	7,538	28,345
Other urologic	4,704	3,075	895	234	1,003	3,309	13,220
Other cause	22,734	15,048	5,405	1,186	5,004	16,025	65,402
Unknown cause	7,191	5,425	1,223	333	1,915	5,871	21,958
Missing cause	1,635	849	485	86	375	3,624	7,054
All	222,297	155,543	42,069	9,461	59,568	105,436	594,374

Table E.4

Percent of prevalent dialysis patients wait-listed for a kidney*by age, gender, race, ethnicity, & primary diagnosis*

	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<1	.	.	7.1	4.8	8.4	3.5	11.1	8.0	10.1	13.1	10.5	17.3	13.3	8.8	7.3
1-4	3.7	4.4	19.4	21.3	21.9	33.3	23.5	26.7	37.5	31.4	33.6	37.1	34.4	42.1	32.6
5-9	1.8	7.4	22.1	29.0	27.5	32.3	30.1	28.9	31.5	29.8	33.5	35.9	43.2	38.2	32.7
10-17	1.2	6.3	29.3	28.1	30.9	34.2	34.7	35.2	37.9	37.0	36.3	37.7	39.1	37.5	33.7
18-29	1.0	4.9	23.7	29.0	32.3	33.3	35.1	36.9	37.2	36.9	36.7	37.1	37.1	37.4	37.9
30-39	0.6	3.6	18.2	24.1	29.7	30.5	32.1	33.7	34.0	34.4	34.6	34.8	34.7	34.0	33.7
40-49	0.2	2.4	14.1	19.2	23.1	24.0	25.4	26.4	26.6	27.3	27.6	28.7	28.7	29.0	29.4
50-59	0.0	0.8	7.5	12.5	17.7	18.7	19.9	20.9	21.3	21.6	22.1	22.4	22.6	23.0	23.1
60-64	0.0	0.2	3.3	6.6	11.8	13.1	14.3	15.3	16.0	16.4	17.1	18.1	18.6	18.8	19.1
65-69	.	0.1	1.4	3.5	7.2	8.3	9.4	10.5	11.4	12.1	12.8	13.7	14.2	14.9	15.4
70-74	.	0.0	0.4	0.9	2.8	3.3	4.0	4.9	5.4	5.9	6.5	6.9	7.3	8.0	8.5
75-79	.	.	0.1	0.2	0.8	1.0	1.2	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.2
80-84	.	.	0.0	0.1	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.8	0.8
85+	.	.	.	.	.	.	.	.	.	2.6	2.6	.	.	.	.
0-17	1.3	5.9	25.8	26.2	27.9	31.6	31.6	31.8	34.7	33.6	33.4	35.6	36.6	33.8	28.4
18-44	0.6	3.7	18.6	23.9	28.4	29.3	30.8	32.3	32.5	33.1	33.3	33.7	33.5	33.6	33.6
45-64	0.0	0.8	7.2	12.0	16.9	17.9	19.2	20.2	20.5	20.9	21.4	22.0	22.3	22.5	22.7
65-74	.	0.0	1.0	2.2	5.0	5.8	6.7	7.8	8.4	9.1	9.7	10.4	10.9	11.6	12.2
75+	.	.	0.1	0.1	0.5	0.6	0.7	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.7
Male	0.2	1.4	8.2	11.0	14.0	14.6	15.5	16.3	16.7	17.1	17.5	17.9	18.1	18.4	18.7
Female	0.2	1.4	6.5	8.8	11.5	12.2	13.1	13.9	14.2	14.5	14.9	15.5	15.7	15.9	15.9
White	0.2	1.3	7.6	9.9	12.1	12.6	13.4	14.2	14.5	14.8	15.2	15.7	15.9	16.2	16.5
Black/Af Am	0.3	1.5	6.6	9.7	13.1	14.0	14.8	15.5	15.9	16.3	16.7	17.3	17.5	17.7	17.9
Native American	0.3	1.6	7.8	9.6	10.9	11.9	13.4	14.0	13.6	14.2	14.5	15.1	15.5	14.9	15.0
Asian	0.6	1.6	14.0	15.6	20.7	21.7	23.2	24.4	25.0	25.2	25.2	25.6	25.7	25.7	25.6
†Hispanic	0.4	2.3	12.0	11.3	14.7	15.7	16.7	18.0	18.8	19.4	20.0	20.4	20.5	20.9	20.7
†Non-Hispanic	0.2	1.3	7.1	9.8	12.5	13.2	14.0	14.7	15.0	15.3	15.6	16.1	16.4	16.6	16.8
Diabetes	0.0	0.4	4.7	6.5	9.1	9.7	10.5	11.3	11.7	12.1	12.6	13.2	13.5	13.9	14.3
Hypertension	0.2	1.0	5.3	7.7	10.7	11.4	11.9	12.7	13.1	13.5	13.8	14.1	14.2	14.4	14.6
Glomerulonephritis	0.5	2.7	13.2	18.4	23.7	25.0	26.7	28.1	28.6	29.4	29.9	31.0	31.2	31.5	31.7
Other cause	0.2	1.4	9.0	13.1	16.5	17.5	18.6	19.7	19.9	20.3	20.6	21.4	21.9	22.0	22.2
All	0.2	1.4	7.4	10.0	12.8	13.5	14.4	15.2	15.5	15.9	16.3	16.8	17.0	17.3	17.5

Table E.6
Renal transplants, by donor type

	Deceased	Living (Total)	Living donor relation							Unk.	Unk.	Total
			Related	Distantly related	Spouse/ life partner	Paired exchange	Unrelated directed	Non- directed	Living-Dec'd exchange			
1980	2,579	917	.	.	.	.	.	.	.	917	293	3,789
1981	2,869	1,140	.	.	.	.	.	.	.	1,140	226	4,235
1982	3,405	1,547	.	.	.	.	.	.	.	1,547	162	5,114
1983	3,963	1,713	.	.	.	.	.	.	.	1,713	200	5,876
1984	4,613	1,928	.	.	.	.	.	.	.	1,928	202	6,743
1985	4,946	2,324	.	.	.	.	.	.	.	2,324	239	7,509
1986	5,775	2,859	.	.	.	.	.	.	.	2,859	254	8,888
1987	6,060	2,692	.	.	.	.	.	.	.	2,692	189	8,941
1988	7,276	1,838	1,648	37	40	.	30	*	.	82	132	9,246
1989	7,104	1,919	1,731	31	54	.	31	.	.	72	128	9,151
1990	7,800	2,096	1,774	46	59	.	30	.	.	187	142	10,038
1991	7,747	2,399	2,189	48	59	.	47	.	.	56	128	10,274
1992	7,695	2,543	2,260	71	80	.	77	.	.	55	176	10,414
1993	8,186	2,874	2,458	101	120	.	69	.	.	126	118	11,178
1994	8,380	3,010	2,376	127	134	*	76	.	.	296	116	11,506
1995	8,609	3,395	2,793	181	260	.	155	.	.	*	167	12,171
1996	8,585	3,687	2,842	214	363	.	223	.	*	43	138	12,410
1997	8,621	3,939	3,004	233	380	.	274	.	*	45	126	12,686
1998	9,005	4,423	3,159	296	547	.	362	*	*	56	192	13,620
1999	8,976	4,728	3,290	348	577	.	476	*	*	30	156	13,860
2000	9,036	5,497	3,617	411	669	*	774	20	*	*	111	14,644
2001	9,116	6,042	3,887	468	716	*	926	28	*	*	95	15,253
2002	9,444	6,236	3,848	494	721	*	1,108	54	*	.	78	15,758
2003	9,530	6,472	3,847	478	732	19	1,309	75	*	*	94	16,096
2004	10,236	6,649	3,830	510	803	34	1,383	80	*	*	80	16,965
2005	10,811	6,569	3,696	506	832	27	1,426	69	11	*	86	17,466
2006	11,575	6,433	3,511	492	822	73	1,453	58	22	*	68	18,076
2007	11,450	6,043	3,185	491	798	111	1,286	79	91	*	33	17,526
2008	11,386	5,966	3,045	464	759	226	1,292	81	99	.	65	17,417
2009	11,292	6,389	3,147	497	837	269	1,391	120	126	*	52	17,733
2010	11,446	6,272	2,822	476	814	421	1,442	158	139	.	59	17,777

Table E.9

Renal transplant rates, by donor type*by age, gender, race, ethnicity, & primary diagnosis, per 100 dialysis patient years; unadjusted*

ALL	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<1	73.2	52.9	32.2	41.0	35.0	47.6	49.9	47.5	42.5	44.7	50.2	42.4	33.9	36.4	23.5
1-4	36.6	68.6	69.2	43.8	48.3	61.1	53.2	60.5	60.0	56.2	59.3	64.7	46.2	61.3	52.0
5-9	54.4	77.1	59.2	51.1	42.8	44.7	49.5	51.5	40.3	50.6	47.2	48.8	48.1	59.0	53.7
10-17	31.2	44.1	41.4	45.6	38.1	39.5	38.7	41.8	37.5	45.0	49.0	42.7	43.1	46.0	40.4
18-29	21.6	26.3	23.9	18.5	15.6	15.3	14.1	14.4	14.8	14.0	14.0	12.1	11.9	11.1	10.6
30-39	14.9	19.5	16.9	13.8	11.9	11.8	11.6	10.9	11.3	10.4	10.0	9.6	8.6	8.6	8.2
40-49	9.5	13.1	12.3	9.7	8.6	8.4	8.2	7.9	8.0	7.8	7.6	7.0	6.7	6.6	6.4
50-59	3.5	5.5	6.8	6.0	5.9	6.0	6.0	5.8	6.0	5.8	5.8	5.5	5.1	4.9	4.7
60-64	0.5	1.7	2.7	3.2	3.6	3.8	3.8	4.0	4.1	4.3	4.2	4.2	4.2	4.0	3.8
65-69	0.2	0.5	1.2	1.5	2.2	2.2	2.5	2.7	2.8	3.1	3.2	3.0	3.0	3.0	3.0
70-74	0.1	0.1	0.3	0.5	0.8	0.9	1.0	1.1	1.2	1.4	1.5	1.5	1.5	1.6	1.7
75-79	.	.	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5
80-84	.	0.1	.	.	0.1	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85+	26.6	18.4	18.7	8.5	2.6	1.3	.	1.9	4.3	1.7	2.7	0.6	0.5	.	0.3
0-17	35.0	50.8	45.9	46.1	39.4	42.5	42.2	44.9	39.8	46.6	49.6	45.2	43.4	48.2	41.0
18-44	16.1	20.3	17.9	13.9	11.7	11.5	11.2	10.8	11.0	10.5	10.1	9.4	8.7	8.6	8.1
45-64	3.7	5.4	6.2	5.7	5.7	5.8	5.7	5.6	5.8	5.6	5.6	5.3	5.0	4.8	4.7
65-74	0.2	0.3	0.8	1.0	1.5	1.5	1.8	1.9	2.0	2.3	2.4	2.3	2.3	2.3	2.4
75+	26.6	18.4	18.7	8.5	2.6	1.3	.	1.9	4.3	1.7	2.7	0.6	0.5	.	0.3
Male	8.5	10.0	8.5	6.6	5.6	5.5	5.4	5.3	5.3	5.3	5.3	4.9	4.6	4.5	4.3
Female	6.3	6.9	6.1	4.6	4.3	4.3	4.3	4.2	4.2	4.2	4.1	3.8	3.7	3.7	3.5
White	8.6	10.1	9.1	7.1	6.4	6.2	6.2	5.9	5.9	5.7	5.6	5.1	4.8	4.6	4.3
Black/Af Am	4.8	5.4	4.2	3.5	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.0	2.9	2.9	2.9
Native American	6.0	8.3	5.4	4.1	3.6	3.6	3.2	3.3	3.7	3.4	4.5	4.2	4.2	4.8	4.1
Asian	8.0	7.3	9.4	2.3	2.1	1.8	1.2	2.9	6.9	7.1	6.2	3.8	3.7	3.5	3.8
†Hispanic	11.1	14.3	10.3	6.0	4.8	4.7	4.7	4.5	4.6	4.5	4.4	4.1	4.0	3.8	3.4
†Non-Hispanic	7.4	8.3	7.2	5.6	5.0	5.0	4.9	4.8	4.9	4.8	4.8	4.5	4.2	4.2	4.0
Diabetes	9.3	9.0	6.2	4.3	3.4	3.4	3.4	3.2	3.3	3.2	3.1	3.0	2.8	2.7	2.6
Hypertension	5.2	5.1	4.1	3.3	3.0	3.1	3.0	2.8	3.0	3.1	3.1	3.0	2.9	2.8	2.7
Glomerulonephritis	11.4	12.7	11.7	10.0	9.5	9.3	9.5	9.4	9.7	9.4	9.7	8.8	8.5	8.3	8.6
Other cause	6.3	8.2	9.2	8.2	7.9	7.9	7.6	7.9	7.7	7.8	7.6	7.0	6.6	6.6	6.1
All	7.5	8.5	7.4	5.7	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.4	4.2	4.1	3.9

Table E.9 (continued)

Renal transplant rates, by donor type

by age, gender, race, ethnicity, & primary diagnosis, per 100 dialysis patient years; unadjusted

DECEASED DONORS															
	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<1	46.6	34.8	12.2	10.0	9.0	10.1	7.3	12.5	10.6	12.7	19.9	20.6	15.0	21.0	10.2
1-4	21.3	40.9	38.3	17.6	17.4	17.3	23.6	24.2	21.4	24.9	36.8	34.9	23.4	31.8	34.1
5-9	29.2	38.3	33.0	21.0	18.3	18.8	21.1	24.0	20.0	26.2	28.8	29.0	31.2	35.5	31.5
10-17	18.2	24.9	23.3	22.2	17.9	16.8	16.8	20.4	20.3	25.4	33.4	28.2	28.0	29.3	26.1
18-29	12.9	16.3	16.2	11.4	7.9	7.0	6.7	6.2	6.4	6.4	6.5	5.6	5.7	5.0	4.9
30-39	10.2	13.0	12.9	9.7	7.2	7.0	6.8	6.2	6.6	6.2	5.9	6.0	5.3	5.2	4.9
40-49	7.2	9.2	10.3	7.2	5.4	5.1	5.0	4.8	4.9	4.8	4.8	4.5	4.3	4.1	4.0
50-59	2.9	3.8	5.9	4.6	3.9	3.9	3.8	3.6	3.8	3.7	3.9	3.7	3.4	3.2	3.1
60-64	0.4	1.2	2.5	2.5	2.5	2.4	2.6	2.7	2.7	2.9	2.9	2.9	3.0	2.8	2.6
65-69	0.2	0.3	1.1	1.2	1.6	1.5	1.6	1.8	1.9	2.2	2.3	2.2	2.2	2.1	2.1
70-74	0.1	0.1	0.3	0.4	0.6	0.6	0.7	0.8	0.8	1.1	1.1	1.1	1.1	1.1	1.2
75-79	.	.	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80-84	.	.	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85+	13.3	7.4	7.5	.	.	1.3	.	1.0	1.7	0.8	0.7	0.6	.	.	.
0-17	20.1	28.4	25.4	20.8	17.3	16.7	17.3	20.7	19.6	24.5	32.0	28.2	27.0	29.6	25.5
18-44	10.6	13.4	13.3	9.5	6.8	6.4	6.3	5.8	6.0	5.9	5.7	5.6	5.2	4.8	4.7
45-64	2.9	3.7	5.4	4.4	3.7	3.7	3.7	3.6	3.7	3.6	3.8	3.6	3.4	3.2	3.1
65-74	0.2	0.2	0.7	0.8	1.1	1.1	1.2	1.3	1.4	1.6	1.7	1.7	1.7	1.7	1.7
75+	13.3	7.4	7.5	.	.	1.3	.	1.0	1.7	0.8	0.7	0.6	.	.	.
Male	5.9	6.7	6.7	4.8	3.5	3.3	3.3	3.2	3.2	3.3	3.4	3.3	3.0	2.8	2.7
Female	4.1	4.4	4.7	3.2	2.6	2.5	2.5	2.4	2.5	2.6	2.6	2.5	2.4	2.3	2.3
White	5.7	6.4	6.9	4.9	3.7	3.5	3.4	3.2	3.2	3.3	3.3	3.1	2.9	2.7	2.5
Black/Af Am	3.7	4.1	3.7	2.8	2.2	2.3	2.3	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.3
Native American	3.9	4.1	3.9	2.6	2.5	1.9	2.1	2.1	2.6	2.5	2.9	2.6	2.7	3.0	2.8
Asian	6.4	5.3	5.9	0.9	0.6	0.8	0.6	1.4	3.3	3.6	4.2	3.1	2.8	2.6	2.6
†Hispanic	5.8	7.9	7.8	4.0	2.8	2.8	2.9	2.7	2.8	2.9	2.9	2.8	2.7	2.4	2.2
†Non-Hispanic	5.1	5.5	5.6	4.0	3.1	3.0	2.9	2.8	2.9	3.0	3.1	2.9	2.8	2.6	2.6
Diabetes	6.4	5.9	4.8	3.3	2.3	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.0	1.9
Hypertension	3.8	3.6	3.6	2.5	2.0	2.1	2.0	1.9	2.0	2.1	2.3	2.2	2.1	2.0	1.9
Glomerulonephritis	7.4	8.2	8.7	6.6	5.6	5.1	5.3	5.1	5.5	5.4	5.7	5.2	5.0	4.8	5.0
Other cause	4.4	5.4	7.0	5.4	4.4	4.1	4.0	4.1	4.1	4.2	4.4	4.1	3.9	3.7	3.5
All	5.1	5.6	5.7	4.0	3.1	3.0	2.9	2.8	2.9	3.0	3.0	2.9	2.7	2.6	2.5

Table E.9 (continued)

Renal transplant rates, by donor type*by age, gender, race, ethnicity, primary diagnosis, & donor relation, per 100 dialysis patient years; unadjusted*

ALL LIVING DONORS	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<1	26.6	18.1	20.0	31.0	26.1	37.5	42.7	35.0	31.9	32.0	30.3	21.9	18.9	15.4	13.3
1-4	15.2	23.2	29.9	26.1	29.3	43.7	29.5	36.3	37.9	30.6	22.5	29.8	22.8	29.5	17.9
5-9	19.0	33.8	24.6	29.1	24.1	25.5	28.1	27.2	20.0	24.5	18.3	19.8	16.9	23.5	21.8
10-17	9.4	17.1	17.6	22.5	19.7	21.8	21.4	21.2	17.0	19.4	15.1	14.4	15.1	16.4	14.0
18-29	6.7	9.2	7.4	6.8	7.5	8.1	7.2	8.2	8.3	7.5	7.4	6.5	6.1	6.1	5.7
30-39	3.6	5.9	3.8	4.0	4.6	4.7	4.7	4.7	4.7	4.2	4.1	3.6	3.3	3.5	3.3
40-49	1.8	3.6	1.8	2.3	3.2	3.2	3.2	3.1	3.0	2.9	2.8	2.5	2.4	2.5	2.3
50-59	0.4	1.6	0.9	1.3	2.0	2.1	2.1	2.2	2.2	2.1	1.9	1.8	1.6	1.7	1.5
60-64	.	0.5	0.2	0.6	1.1	1.4	1.3	1.3	1.4	1.3	1.3	1.2	1.2	1.1	1.2
65-69	.	0.1	0.1	0.3	0.6	0.7	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9
70-74	.	.	.	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
75-79	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80-84	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
85+	.	11.1	7.5	8.5	2.6	.	.	1.0	2.6	0.8	2.0	.	0.5	.	0.3
0-17	11.1	19.8	19.8	24.5	21.6	25.1	24.4	24.0	19.9	21.8	17.2	17.0	16.4	18.4	15.2
18-44	4.3	6.3	4.3	4.2	4.8	5.0	4.8	5.0	4.9	4.5	4.3	3.8	3.5	3.7	3.4
45-64	0.5	1.5	0.7	1.3	2.0	2.1	2.0	2.0	2.1	2.0	1.9	1.7	1.6	1.6	1.6
65-74	.	0.1	0.1	0.2	0.4	0.4	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.7
75+	.	11.1	7.5	8.5	2.6	.	.	1.0	2.6	0.8	2.0	.	0.5	.	0.3
Male	2.0	3.0	1.7	1.7	2.0	2.1	2.1	2.1	2.1	2.0	1.9	1.7	1.6	1.6	1.5
Female	1.6	2.2	1.4	1.4	1.7	1.8	1.7	1.7	1.7	1.6	1.4	1.3	1.3	1.3	1.2
White	2.3	3.4	2.2	2.2	2.7	2.7	2.7	2.7	2.6	2.5	2.3	2.0	1.9	1.9	1.8
Black/Af Am	0.7	1.1	0.5	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.6
Native American	1.8	4.2	1.5	1.5	1.0	1.7	1.1	1.2	1.1	1.0	1.6	1.6	1.4	1.8	1.3
Asian	1.3	1.7	3.1	1.1	1.5	1.0	0.6	1.5	3.6	3.5	2.0	0.7	0.9	0.9	1.2
†Hispanic	4.0	5.8	2.4	1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.4	1.2
†Non-Hispanic	1.8	2.5	1.5	1.6	1.9	2.0	1.9	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4
Diabetes	2.4	2.9	1.3	0.9	1.0	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.8	0.7
Hypertension	1.0	1.4	0.5	0.7	0.9	0.9	1.0	0.9	1.0	0.9	0.9	0.8	0.8	0.8	0.8
Glomerulonephritis	3.0	4.1	2.8	3.2	3.9	4.1	4.1	4.3	4.2	4.0	3.9	3.6	3.4	3.5	3.6
Other cause	1.5	2.6	2.1	2.7	3.5	3.7	3.5	3.8	3.6	3.5	3.2	2.9	2.7	2.8	2.6
Related donor	.	.	1.3	1.3	1.2	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.7	0.6
Unrelated donor	.	.	0.1	0.3	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8
All	1.8	2.6	1.5	1.6	1.9	2.0	1.9	1.9	1.9	1.8	1.7	1.5	1.4	1.5	1.4

Table F.2

One-year graft survival probabilities: all deceased donor transplants

by age, gender, race, ethnicity, primary diagnosis, & transplant number

UNADJUSTED	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<1	*	77.3	*	*	*	*	*	*	*	*	*	*	63.6	*	88.9	90.5	75.0	87.0
1-4	*	50.0	60.5	79.2	81.1	78.1	95.8	84.4	79.2	95.8	76.7	92.9	96.8	90.5	93.9	90.0	95.2	92.1
5-9	71.9	75.0	63.9	87.7	85.5	93.6	89.2	79.0	91.1	96.4	91.0	89.7	89.3	94.6	92.6	89.3	92.9	91.8
10-14	69.4	79.8	73.8	83.8	91.8	91.3	91.1	90.7	94.4	87.6	92.9	91.5	93.7	86.8	93.2	95.5	94.2	98.1
15-19	79.0	70.5	78.3	82.4	85.4	90.1	81.4	87.2	87.4	90.8	90.9	90.4	92.7	92.6	90.8	94.3	90.9	94.0
20-29	68.5	75.9	80.7	87.9	87.7	90.2	90.9	89.7	89.6	90.2	89.8	90.4	93.0	91.7	93.0	90.4	92.1	93.9
30-39	65.1	76.2	80.5	87.5	89.0	89.9	90.8	89.1	90.9	91.1	90.3	89.7	90.7	91.8	92.6	93.0	93.6	92.4
40-49	61.8	73.7	79.0	85.7	87.5	89.1	90.7	90.4	89.2	90.5	90.1	91.5	91.8	90.9	91.6	92.8	93.3	92.8
50-59	60.8	68.7	79.3	85.3	86.1	86.8	87.2	86.7	86.5	88.4	88.4	88.9	88.7	89.7	89.8	91.3	90.1	91.9
60-64	57.7	69.5	78.8	83.2	84.9	87.0	84.2	84.0	83.7	85.8	86.9	84.9	87.5	89.3	88.7	88.1	90.1	89.2
65-69	72.7	66.7	76.0	79.8	81.8	82.2	84.0	83.3	82.6	83.0	85.1	86.9	84.7	83.4	88.6	87.8	90.2	87.4
70-74	*	*	75.0	80.6	83.7	80.0	78.5	80.8	83.5	80.6	81.7	84.0	85.8	85.3	88.2	87.1	87.6	89.5
75-79	.	.	.	*	*	*	*	*	*	*	*	93.3	94.1	73.3	85.2	71.0	83.3	76.5
80-84	.	*	*	*	*	.	*	*	*	*	*	.	*	.	*	*	*	*
85+	*	*	.	.	.	.	.	*	.	.	.	.	.	.	*	*	.	.
Male	65.2	74.0	79.0	85.2	86.6	88.8	88.2	87.9	87.7	88.6	88.2	88.5	89.2	89.3	89.7	90.6	91.0	91.0
Female	66.2	73.1	79.4	86.4	87.3	87.3	89.0	87.5	87.8	89.1	89.4	89.8	90.1	90.0	91.0	91.3	91.6	91.8
White	67.6	74.5	79.6	85.4	87.5	88.6	88.9	88.6	88.8	89.5	89.5	90.1	89.8	89.8	90.6	91.6	91.7	91.6
Black/Af Am	58.7	70.4	77.1	85.4	85.3	86.2	86.7	85.2	84.7	86.9	86.5	86.4	88.1	88.2	88.6	88.9	89.6	90.6
Other race	61.5	78.2	82.7	89.6	87.7	93.2	92.4	89.6	90.3	90.1	89.8	90.4	93.0	92.1	92.9	92.9	93.6	92.1
†Hispanic	.	.	.	.	89.0	90.3	91.6	89.6	89.9	91.6	91.9	91.4	91.6	91.0	91.4	92.7	92.9	92.6
†Non-Hispanic	.	.	.	.	86.7	88.0	88.2	87.5	87.4	88.4	88.2	88.7	89.3	89.3	90.0	90.6	90.9	91.1
Diabetes	62.1	76.0	78.3	86.6	87.5	87.7	88.4	88.1	87.4	89.3	88.0	88.5	88.3	88.6	88.5	90.1	89.6	89.6
Hypertension	64.8	71.6	79.2	85.8	87.3	86.1	87.9	86.9	84.9	87.1	87.3	87.8	89.7	89.0	90.7	90.8	91.9	91.0
Glomerulonephritis	69.3	75.8	80.0	85.7	86.9	89.7	89.2	87.9	89.3	89.9	89.8	89.7	90.0	90.3	91.1	91.6	93.1	92.2
Other cause	64.3	71.5	79.1	84.3	86.1	88.8	88.5	87.8	88.6	88.5	89.4	89.9	90.6	90.4	91.0	91.3	91.2	92.9
First transplant	66.5	75.7	79.9	86.3	87.2	88.5	88.9	88.1	88.1	89.3	88.8	89.5	90.1	89.7	90.4	91.0	91.5	91.3
Subsequent transplants	57.8	63.5	74.6	81.2	84.7	86.2	86.2	85.1	85.0	85.4	87.9	85.5	86.1	88.3	89.3	89.6	88.9	91.4
All	65.5	73.7	79.2	85.6	86.9	88.2	88.6	87.8	87.7	88.8	88.7	89.0	89.6	89.5	90.2	90.9	91.2	91.4
ADJUSTED																		
0-19	72.9	71.3	72.9	83.3	86.2	89.5	86.9	86.7	88.7	90.7	90.3	90.6	91.7	90.3	91.2	92.8	91.3	93.6
20-44	64.2	75.4	79.6	87.2	88.4	89.8	91.2	89.6	90.3	90.9	90.8	90.8	91.7	92.1	92.6	92.7	93.4	93.2
45-64	56.0	69.3	78.8	84.9	86.1	87.6	87.3	87.2	86.7	88.6	88.4	88.7	89.3	89.8	90.1	91.0	90.9	91.6
65-74	74.4	61.2	74.1	79.8	82.0	81.5	82.7	82.9	83.1	82.6	84.2	86.3	85.7	84.7	87.1	87.8	89.4	88.4
75+	.	*	*	65.8	75.6	75.3	74.6	72.7	76.2	75.6	78.7	83.5	80.5	77.5	81.5	83.6	86.9	85.3
Male	58.1	70.0	76.4	83.9	85.5	88.0	87.5	87.2	87.2	88.3	88.0	88.5	89.2	89.4	90.0	90.9	91.3	91.5
Female	59.8	69.1	76.5	85.1	86.3	86.2	88.2	86.6	87.1	88.6	89.0	89.5	89.8	89.8	90.8	91.2	91.6	91.8
White	60.2	70.0	76.8	84.1	86.4	87.6	88.2	87.8	88.3	89.1	89.3	90.1	89.8	90.0	90.8	91.9	92.0	92.0
Black/Af Am	55.5	68.5	75.8	84.7	84.6	85.6	86.2	84.8	84.2	86.6	86.2	86.2	88.0	88.1	88.6	88.8	89.6	90.7
Other race	52.0	72.7	79.0	87.7	86.1	92.2	91.3	88.8	89.4	89.3	89.0	89.9	92.5	91.8	92.5	92.5	93.4	92.0
Diabetes	52.7	70.1	73.9	84.6	85.8	86.3	87.3	87.1	86.6	88.8	87.5	88.4	88.3	88.7	88.8	90.5	90.0	90.2
Hypertension	64.8	72.0	79.8	86.4	87.9	87.0	88.8	87.8	86.1	88.3	88.5	89.0	90.7	90.2	91.7	91.8	92.9	92.1
Glomerulonephritis	65.2	73.0	77.9	84.6	85.8	88.8	88.3	87.1	88.6	89.4	89.4	89.4	89.6	90.1	91.0	91.5	93.1	92.3
Other cause	59.3	68.2	76.4	82.7	84.6	87.6	87.5	86.6	87.8	87.5	88.7	89.3	89.9	89.8	90.5	90.8	90.7	92.6
First transplant	59.5	71.6	77.3	85.2	86.3	87.7	88.3	87.5	87.8	89.0	88.7	89.5	90.1	89.9	90.6	91.3	91.8	91.8
Subsequent transplants	52.5	59.3	71.0	78.5	82.5	84.2	84.3	83.2	83.0	83.7	86.5	84.0	84.5	87.2	88.2	88.7	87.9	90.7
All	58.6	69.7	76.4	84.3	85.8	87.3	87.7	86.9	87.1	88.4	88.4	88.9	89.4	89.6	90.3	91.0	91.4	91.6

Table F.6

Ten-year graft survival probabilities: all deceased donor transplants*by age, gender, race, ethnicity, primary diagnosis, & transplant number*

UNADJUSTED	1980	1985	1990	1995	1996	1997	1998	1999	2000
<1	*	54.6	*	*	*	*	*	*	*
1-4	*	17.7	51.2	62.5	54.1	56.3	75.0	62.5	54.2
5-9	34.4	32.4	34.7	49.1	49.3	59.7	61.5	57.9	55.6
10-14	26.4	28.4	32.0	44.4	39.8	40.8	43.6	46.6	54.4
15-19	39.1	24.6	33.3	33.5	36.0	35.9	35.4	37.6	36.7
20-29	33.4	33.8	39.2	42.0	42.8	45.2	45.5	47.1	46.1
30-39	25.3	31.0	39.1	47.3	48.8	48.6	52.3	50.8	52.7
40-49	20.2	26.2	37.2	45.6	45.8	48.0	49.3	50.7	51.0
50-59	18.2	18.9	33.9	40.2	38.2	40.8	42.3	43.0	42.0
60-64	11.5	15.9	30.0	28.9	34.1	33.2	32.4	35.9	34.5
65-69	9.1	7.7	19.6	27.3	28.3	21.9	30.1	25.0	26.8
70-74	*	*	21.9	15.1	21.1	16.1	20.5	23.8	22.1
75-79	.	.	.	*	*	*	*	*	*
80-84	.	*	*	*	*	*	*	*	*
85+	*	*	.	.	.	.	.	*	.
Male	24.9	26.8	35.4	41.0	41.2	42.4	44.1	43.6	43.3
Female	27.2	28.9	37.3	42.8	43.2	43.7	45.3	46.5	46.0
White	29.4	31.1	39.2	44.3	45.0	46.4	47.9	47.8	47.7
Black/Af Am	12.4	14.5	24.6	32.2	32.2	31.8	33.8	34.2	33.6
Other race	25.6	42.2	45.7	55.0	51.7	53.2	53.3	55.6	56.2
†Hispanic	.	.	.	.	49.5	48.2	50.5	48.1	48.5
†Non-Hispanic	.	.	.	.	41.3	42.3	43.8	44.3	43.8
Diabetes	20.7	22.8	30.1	38.3	36.0	36.5	39.5	39.4	39.2
Hypertension	19.3	18.2	31.5	34.3	35.1	36.8	36.3	36.9	35.7
Glomerulonephritis	31.0	33.4	38.2	44.4	46.0	45.4	47.6	48.1	47.8
Other cause	25.3	29.6	41.6	47.8	49.5	51.7	52.8	52.5	52.7
First transplant	27.0	29.7	36.6	42.6	42.8	43.4	45.0	45.2	45.0
Subsequent transplants	15.1	16.9	33.5	35.5	36.8	39.7	41.5	42.0	40.2
All	25.7	27.5	36.2	41.7	42.0	42.9	44.6	44.8	44.4
ADJUSTED									
0-19	31.2	26.4	34.0	40.3	40.2	42.6	45.5	44.3	44.4
20-44	25.3	30.5	37.9	46.4	47.3	47.7	50.1	50.2	51.1
45-64	15.4	19.3	33.4	39.4	39.1	41.9	42.5	43.6	43.1
65-74	7.1	5.7	18.1	24.0	25.7	20.3	27.8	24.8	25.3
75+	.	*	*	0.0	26.6	8.1	17.0	22.1	21.7
Male	18.3	21.5	31.5	38.3	38.5	40.2	42.2	41.7	41.9
Female	19.9	23.5	32.0	39.6	40.5	40.8	42.5	43.8	44.1
White	21.4	25.0	34.6	41.3	42.3	43.8	45.9	45.7	46.4
Black/Af Am	10.3	12.8	22.9	30.8	30.8	30.8	32.8	33.2	32.5
Other race	17.5	32.2	38.7	49.8	48.2	48.9	48.9	53.7	53.8
Diabetes	12.7	15.7	23.8	33.3	31.6	32.7	36.1	36.3	37.0
Hypertension	19.9	18.8	32.9	36.2	37.5	39.6	39.6	39.7	39.2
Glomerulonephritis	25.6	28.7	34.5	41.5	43.3	42.6	44.8	45.8	45.9
Other cause	20.6	25.2	37.2	44.5	46.2	48.2	49.8	49.4	50.3
First transplant	19.9	23.9	32.3	40.2	40.6	41.4	43.3	43.4	44.0
Subsequent transplants	11.8	13.9	28.6	30.5	32.1	35.2	37.1	37.9	35.7
All	18.8	22.2	31.7	38.8	39.3	40.4	42.3	42.5	42.7

Table F.8

One-year graft survival probabilities: all living donor transplants

by age, gender, race/ethnicity, primary diagnosis, & transplant number

UNADJUSTED	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<1	*	*	86.7	89.7	88.0	100.0	97.0	97.1	87.0	92.1	97.5	86.7	93.6	89.2	97.0	96.2	84.2	100.0
1-4	*	85.7	70.0	97.1	85.4	90.7	90.6	95.9	92.9	98.3	91.5	96.4	94.6	98.0	100.0	97.6	97.9	98.1
5-9	91.7	82.4	84.8	88.9	90.1	98.3	97.1	94.3	98.3	93.4	97.5	96.2	98.5	95.3	93.6	96.2	97.6	95.3
10-14	91.5	82.4	78.8	91.4	95.8	92.3	96.9	93.0	93.0	94.8	98.5	97.1	93.1	94.3	95.7	94.3	98.8	95.7
15-19	87.9	91.2	83.4	91.8	94.0	92.3	92.1	96.2	93.8	94.6	95.6	95.8	94.3	92.0	97.9	96.2	96.4	98.3
20-29	88.8	89.7	93.3	92.8	94.9	95.3	93.4	93.9	93.4	94.7	95.8	95.3	96.0	95.5	95.7	96.2	95.8	96.5
30-39	90.1	88.4	90.2	94.1	93.5	95.3	95.1	94.6	95.7	95.1	95.4	95.1	94.0	95.1	96.0	96.8	97.4	96.7
40-49	81.5	91.4	89.4	93.1	94.8	93.3	95.7	94.3	93.9	94.4	94.7	95.5	96.3	95.6	96.1	96.6	97.4	96.9
50-59	78.6	91.6	87.4	89.3	92.4	92.7	94.3	93.6	93.4	93.6	94.0	95.9	95.5	94.7	95.9	96.6	96.2	96.5
60-64	.	94.9	89.7	87.7	92.9	91.2	92.8	93.4	94.8	92.5	94.3	94.6	93.5	95.9	96.7	95.4	95.3	96.0
65-69	*	91.7	86.4	82.7	88.2	92.1	93.1	93.7	92.8	91.8	93.3	93.7	95.4	95.0	95.0	95.6	94.8	93.5
70-74	.	*	*	88.5	92.0	93.9	78.3	91.4	88.4	92.6	92.6	91.3	89.8	92.3	94.5	96.7	91.9	96.1
75-79	.	.	.	.	.	.	.	*	*	*	*	*	*	*	*	*	*	100.0
80-84	*	.	*	.	.	.	.	.	.	.	.	*	.	*	*	*	.	*
85+	.	*	.	.	.	.	.	.	.	.	.	.	*	.	.	.	.	.
Male	86.6	89.9	89.2	91.7	94.6	94.5	94.8	94.9	94.2	94.4	94.9	95.5	95.8	95.3	96.1	96.7	96.5	96.6
Female	88.6	89.1	88.9	92.2	92.2	92.9	93.8	93.1	93.6	93.7	94.6	94.9	94.0	94.6	95.7	95.8	95.8	96.1
White	87.9	90.3	88.9	92.0	94.0	93.8	94.5	94.3	94.3	94.3	94.9	95.3	95.1	94.9	96.1	96.4	96.4	96.3
Black/Af Am	83.5	85.7	88.4	91.0	91.0	92.9	93.1	92.3	92.0	92.6	93.4	94.7	93.7	94.1	94.6	95.6	95.2	95.7
Other race	85.0	87.1	94.4	94.6	96.0	96.2	95.8	97.1	93.5	95.3	96.3	95.9	97.3	97.8	96.7	97.2	96.5	97.6
†Hispanic	.	.	.	.	94.5	95.8	94.6	94.7	94.4	95.1	96.0	96.1	96.0	95.2	96.9	97.0	97.4	96.2
†Non-Hispanic	.	.	.	.	93.4	93.5	94.3	94.1	93.9	94.0	94.6	95.1	95.0	95.0	95.8	96.3	96.1	96.4
Diabetes	85.1	84.7	87.4	91.6	93.0	92.3	93.6	93.9	93.6	93.5	93.5	94.6	94.4	93.7	96.1	96.3	95.0	95.4
Hypertension	88.2	92.8	88.9	91.2	94.8	94.7	94.0	92.1	92.9	93.8	95.0	95.4	94.6	95.3	96.1	96.3	96.3	96.1
Glomerulonephritis	89.6	90.9	90.5	91.9	93.8	94.0	94.9	94.3	93.8	94.4	95.6	95.2	95.8	95.2	95.9	96.4	96.5	96.8
Other cause	86.2	90.1	88.8	92.5	93.2	94.2	94.6	94.8	94.7	94.4	94.9	95.5	95.2	95.5	95.8	96.4	96.7	96.8
First transplant	87.1	89.9	89.5	91.9	93.6	94.0	94.5	94.3	94.2	94.3	95.0	95.3	95.3	95.3	96.2	96.7	96.3	96.6
Subsequent transplants	92.0	85.6	82.6	92.5	93.0	92.0	92.8	91.8	91.3	92.1	93.0	94.7	93.4	92.5	93.9	93.6	95.7	94.8
All	87.4	89.6	89.1	92.0	93.6	93.8	94.4	94.1	93.9	94.1	94.8	95.2	95.1	95.0	96.0	96.4	96.2	96.4
ADJUSTED																		
0-19	86.9	84.4	79.1	90.1	91.3	92.3	93.6	94.1	92.6	93.4	95.6	94.9	93.4	92.0	96.3	94.8	95.7	96.5
20-44	87.5	89.8	91.5	93.4	94.4	94.9	94.7	94.3	94.3	94.8	95.2	95.5	95.1	95.3	96.1	96.3	96.6	96.6
45-64	79.2	91.3	87.9	91.0	93.7	92.7	94.8	94.0	94.2	93.9	94.7	95.5	95.6	95.4	96.0	96.6	96.5	96.5
65-74	*	93.1	86.8	85.5	89.0	92.3	90.3	93.3	91.7	92.8	93.8	93.5	94.5	94.7	95.3	96.0	94.5	94.7
75+	*	*	*	*	*	*	*	*	83.2	84.1	88.3	87.7	89.1	86.9	94.1	98.4	90.8	96.1
Male	83.6	88.8	87.7	91.1	94.2	94.0	94.5	94.6	94.0	94.3	94.9	95.5	95.9	95.4	96.2	96.8	96.6	96.7
Female	86.9	88.4	88.2	92.0	92.0	92.7	93.6	92.9	93.4	93.7	94.6	94.8	93.9	94.5	95.6	95.7	95.7	95.9
White	85.2	89.1	87.5	91.3	93.5	93.3	94.1	93.9	94.1	94.1	94.9	95.2	95.2	94.9	96.2	96.5	96.5	96.4
Black/Af Am	82.7	86.0	88.7	91.2	91.1	93.1	93.3	92.4	92.2	92.8	93.6	94.9	93.8	94.3	94.7	95.7	95.3	95.8
Other race	79.8	84.8	93.6	94.0	95.7	96.1	95.5	96.8	92.8	95.4	96.3	95.6	97.1	97.5	96.4	97.0	96.2	97.4
Diabetes	81.7	82.2	85.0	91.0	92.6	92.0	93.3	93.8	93.6	93.6	93.6	94.7	94.6	94.0	96.3	96.5	95.3	95.7
Hypertension	87.3	92.9	88.6	91.5	95.0	94.9	94.3	92.5	93.3	94.1	95.4	95.7	95.1	95.7	96.4	96.6	96.6	96.5
Glomerulonephritis	88.4	90.2	89.6	91.5	93.4	93.6	94.5	93.9	93.5	94.1	95.4	95.1	95.6	95.1	95.7	96.3	96.4	96.6
Other cause	84.6	89.3	87.7	91.9	92.8	93.8	94.2	94.5	94.3	94.1	94.7	95.4	95.0	95.2	95.6	96.2	96.6	96.6
First transplant	84.7	89.1	88.4	91.5	93.4	93.7	94.3	94.2	94.1	94.3	95.0	95.3	95.3	95.4	96.3	96.7	96.3	96.6
Subsequent transplants	90.4	84.0	81.1	91.7	92.1	91.1	91.9	90.7	90.4	91.3	92.3	94.2	92.7	91.7	93.3	92.9	95.4	94.3
All	84.9	88.6	87.8	91.5	93.3	93.4	94.1	93.9	93.8	94.0	94.8	95.2	95.1	95.0	96.0	96.3	96.2	96.4

Table F.12

Ten-year graft survival probabilities: all living donor transplants*by age, gender, race/ethnicity, primary diagnosis, & transplant number*

UNADJUSTED	1980	1985	1990	1995	1996	1997	1998	1999	2000
<1	*	*	73.3	69.0	76.0	78.6	81.8	74.3	73.9
1-4	*	71.4	46.7	60.0	68.8	79.6	75.0	85.7	85.7
5-9	45.8	51.0	57.6	63.0	63.4	63.3	73.5	71.4	66.7
10-14	38.3	37.7	53.8	47.4	50.9	54.8	62.5	60.5	53.9
15-19	45.5	39.5	36.9	53.6	56.0	51.4	44.1	51.0	46.9
20-29	60.3	55.8	59.3	56.3	59.0	62.0	56.5	57.8	60.9
30-39	58.8	52.4	61.2	62.5	61.5	65.3	65.4	69.4	66.7
40-49	45.2	55.4	57.6	58.0	60.4	59.0	64.5	63.3	63.4
50-59	33.3	50.4	42.5	48.4	52.7	54.0	56.5	61.2	58.1
60-64	.	64.4	28.2	37.0	45.6	43.4	47.8	45.7	51.3
65-69	*	33.3	50.0	27.2	40.2	43.0	32.4	32.9	41.7
70-74	.	*	*	38.5	24.0	18.2	37.0	37.9	30.1
75-79	.	.	.	.	.	.	.	*	*
70-74	*	.	*	.	.	.	.	.	.
75-79	.	*	.	.	.	.	.	.	.
80-84	.	.	.	.	.	.	.	.	.
85+	51.9	51.2	55.8	56.6	58.6	59.2	59.6	60.6	60.7
Female	54.6	54.3	54.0	53.2	55.7	56.9	58.5	60.5	58.1
White	53.6	54.3	56.6	56.5	59.7	60.7	61.0	62.2	60.7
Black/Af Am	46.2	38.7	38.8	46.0	44.7	43.5	46.1	47.2	49.2
Other race	60.0	60.0	64.4	63.0	63.1	62.9	67.0	76.7	69.6
†Hispanic	.	.	.	.	62.1	65.5	64.0	64.2	67.0
†Non-Hispanic	.	.	.	.	56.7	57.2	58.4	60.1	58.5
Diabetes	46.7	39.7	46.6	45.6	47.2	44.1	48.5	48.4	46.6
Hypertension	54.0	48.5	48.7	48.6	48.8	51.5	53.5	52.6	57.7
Glomerulonephritis	54.2	56.0	57.8	56.8	59.9	63.3	61.5	62.4	60.4
Other cause	53.5	58.2	59.5	61.8	64.9	64.2	65.8	68.9	67.4
First transplant	52.5	52.1	55.7	55.5	58.2	58.6	59.9	61.3	60.3
Subsequent transplants	60.0	54.9	46.4	51.2	48.2	54.5	51.5	53.1	51.9
All	53.0	52.4	55.0	55.1	57.4	58.2	59.1	60.6	59.6
ADJUSTED									
0-19	37.2	39.4	42.7	50.2	53.2	53.9	54.3	55.7	50.9
20-44	56.3	55.5	61.0	60.3	60.6	62.6	62.1	64.3	64.0
45-64	36.4	52.8	43.9	51.9	57.1	55.4	59.7	60.3	59.8
65-74	*	39.3	48.2	32.1	39.6	38.2	35.8	38.4	41.1
75+	*	*	*	*	*	*	*	*	27.8
Male	44.5	48.3	51.6	54.1	57.0	57.0	58.0	59.4	60.0
Female	48.9	51.6	50.9	52.3	54.4	55.4	57.2	59.3	57.0
White	46.1	50.4	52.4	53.8	57.3	57.9	58.9	60.3	59.5
Black/Af Am	43.0	39.5	39.2	46.3	45.1	44.6	47.1	48.0	50.3
Other race	49.8	56.5	60.5	60.1	62.6	63.0	66.8	74.9	67.2
Diabetes	38.0	33.8	39.6	42.5	45.3	42.3	47.2	48.1	46.8
Hypertension	51.0	49.7	46.9	49.9	50.0	52.5	54.8	54.6	59.5
Glomerulonephritis	49.2	52.5	53.5	54.1	57.3	60.5	58.6	59.5	58.0
Other cause	49.4	55.7	56.4	59.8	63.1	62.3	64.0	67.4	66.0
First transplant	46.1	49.4	52.0	53.9	57.2	57.0	58.7	60.4	59.8
Subsequent transplants	52.8	50.5	42.6	47.6	43.3	50.2	47.1	48.7	48.4
All	46.2	49.4	51.1	53.2	55.8	56.2	57.5	59.2	58.6

Table G.1

Total admission rates: ESRD patients

per 1,000 patient years, period prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

UNADJUSTED	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	2,273	2,044	2,559	2,349	2,263	2,291	2,216	2,179	2,209	2,446	2,079	2,208	2,773	2,554	2,428	2,285	2,470	2,633
5-9	1,592	1,792	1,561	1,747	1,861	1,784	1,903	1,538	2,242	1,617	1,798	1,624	1,752	1,957	1,941	1,775	1,803	1,584
10-14	1,590	1,703	1,745	1,439	1,366	1,672	1,404	1,402	1,501	1,638	1,682	1,495	1,716	1,726	1,611	1,437	1,719	1,488
15-19	1,595	1,619	1,657	1,571	1,386	1,538	1,608	1,644	1,724	1,739	1,715	1,683	1,650	1,846	1,738	1,788	1,854	1,857
20-29	1,676	1,618	1,631	1,590	1,555	1,550	1,603	1,576	1,609	1,658	1,685	1,745	1,757	1,756	1,833	1,944	1,936	1,990
30-39	1,703	1,736	1,730	1,717	1,676	1,678	1,722	1,704	1,734	1,778	1,751	1,811	1,811	1,766	1,738	1,747	1,774	1,747
40-49	1,632	1,631	1,669	1,668	1,635	1,626	1,687	1,713	1,785	1,801	1,802	1,880	1,868	1,829	1,774	1,761	1,739	1,717
50-59	1,733	1,782	1,750	1,762	1,749	1,726	1,778	1,768	1,806	1,823	1,822	1,835	1,829	1,783	1,760	1,755	1,745	1,734
60-64	1,766	1,816	1,838	1,856	1,811	1,838	1,875	1,847	1,890	1,936	1,890	1,939	1,908	1,852	1,812	1,803	1,773	1,754
65-69	1,913	1,949	1,942	1,958	1,931	1,962	1,995	1,957	1,995	2,017	2,002	1,992	2,005	1,924	1,864	1,888	1,810	1,831
70-74	1,907	1,960	1,983	2,017	2,002	1,995	2,058	2,023	2,052	2,035	2,045	2,030	2,035	1,963	1,942	1,956	1,869	1,904
75-79	1,969	2,008	2,045	2,065	2,009	2,019	2,052	2,050	2,085	2,107	2,043	2,095	2,105	2,106	1,976	2,022	1,907	1,907
80-84	2,037	2,108	2,084	2,114	2,105	2,066	2,139	2,078	2,134	2,108	2,068	2,087	2,141	2,050	2,012	2,051	1,936	1,915
85+	2,061	2,121	2,105	2,159	2,179	2,131	2,210	2,147	2,200	2,164	2,191	2,172	2,178	2,126	2,076	2,088	1,969	1,971
Male	1,680	1,713	1,700	1,709	1,683	1,691	1,736	1,714	1,759	1,774	1,776	1,811	1,813	1,747	1,714	1,727	1,683	1,679
Female	1,927	1,965	1,996	2,010	1,982	1,983	2,044	2,037	2,085	2,109	2,079	2,099	2,105	2,058	2,020	2,031	1,978	1,976
White	1,817	1,840	1,863	1,867	1,839	1,854	1,896	1,880	1,918	1,934	1,919	1,933	1,937	1,870	1,836	1,858	1,804	1,817
Black/Af Am	1,800	1,857	1,841	1,869	1,839	1,824	1,894	1,879	1,944	1,963	1,956	2,008	2,011	1,968	1,931	1,928	1,885	1,858
Native American	1,796	1,913	1,994	1,911	1,888	1,912	1,987	1,958	1,928	1,970	1,955	1,988	1,904	1,819	1,737	1,713	1,767	1,718
Asian	1,256	1,259	1,253	1,275	1,316	1,349	1,403	1,394	1,380	1,419	1,389	1,393	1,415	1,373	1,350	1,365	1,322	1,336
†Hispanic						1,802	1,843	1,799	1,864	1,890	1,888	1,874	1,862	1,791	1,759	1,766	1,741	1,736
†Non-Hispanic						1,831	1,886	1,874	1,917	1,934	1,919	1,953	1,958	1,902	1,866	1,878	1,826	1,823
Diabetes	2,206	2,232	2,209	2,230	2,177	2,179	2,232	2,204	2,231	2,225	2,204	2,217	2,208	2,135	2,075	2,082	2,036	2,044
Hypertension	1,750	1,789	1,778	1,774	1,745	1,733	1,790	1,766	1,821	1,844	1,831	1,860	1,858	1,805	1,779	1,783	1,718	1,708
Glomerulonephritis	1,475	1,480	1,525	1,485	1,468	1,461	1,469	1,474	1,503	1,525	1,525	1,548	1,554	1,514	1,476	1,503	1,472	1,449
Other cause	1,558	1,590	1,606	1,631	1,604	1,614	1,670	1,647	1,703	1,735	1,707	1,752	1,768	1,711	1,707	1,719	1,669	1,653
All	1,797	1,833	1,841	1,852	1,824	1,828	1,882	1,865	1,911	1,928	1,915	1,943	1,946	1,887	1,852	1,863	1,814	1,810
ADJUSTED																		
0-19	1,886	1,875	1,756	1,839	1,619	1,757	1,837	1,778	1,566	1,333	1,362	1,301	1,372	2,036	2,146	2,378	1,703	1,512
20-44	1,871	1,873	1,886	1,874	1,822	1,816	1,880	1,860	1,919	1,964	1,954	2,017	2,015	1,952	1,912	1,940	1,950	1,934
45-64	1,759	1,783	1,769	1,771	1,740	1,731	1,775	1,774	1,811	1,830	1,817	1,852	1,835	1,793	1,766	1,758	1,740	1,730
65-74	1,902	1,941	1,935	1,957	1,931	1,938	1,979	1,937	1,969	1,974	1,976	1,963	1,971	1,898	1,860	1,879	1,799	1,823
75+	2,038	2,089	2,091	2,118	2,084	2,064	2,117	2,093	2,130	2,126	2,085	2,120	2,144	2,069	2,022	2,056	1,947	1,929
Male	1,767	1,799	1,767	1,779	1,746	1,744	1,786	1,758	1,795	1,801	1,798	1,830	1,830	1,762	1,727	1,740	1,693	1,688
Female	1,976	2,003	2,022	2,031	1,995	1,986	2,038	2,028	2,070	2,092	2,061	2,081	2,083	2,037	2,001	2,014	1,962	1,960
White	1,900	1,911	1,914	1,910	1,873	1,876	1,908	1,887	1,916	1,926	1,908	1,920	1,918	1,852	1,818	1,840	1,791	1,805
Black/Af Am	1,858	1,919	1,896	1,930	1,893	1,872	1,943	1,927	1,983	1,999	1,990	2,043	2,048	2,002	1,963	1,965	1,915	1,886
Native American	1,743	1,825	1,936	1,880	1,882	1,947	1,982	1,905	1,901	1,924	1,866	1,899	1,839	1,762	1,687	1,686	1,755	1,706
Asian	1,404	1,384	1,364	1,392	1,427	1,436	1,476	1,460	1,425	1,455	1,420	1,420	1,439	1,386	1,364	1,372	1,320	1,331
†Hispanic						1,832	1,864	1,798	1,859	1,886	1,873	1,856	1,843	1,772	1,746	1,750	1,719	1,716
†Non-Hispanic						1,860	1,910	1,895	1,934	1,946	1,928	1,961	1,964	1,908	1,871	1,884	1,833	1,829
Diabetes	2,209	2,239	2,205	2,233	2,179	2,181	2,237	2,208	2,236	2,233	2,218	2,239	2,236	2,174	2,119	2,137	2,081	2,085
Hypertension	1,735	1,762	1,759	1,747	1,725	1,712	1,760	1,741	1,787	1,808	1,794	1,828	1,821	1,768	1,741	1,751	1,697	1,692
Glomerulonephritis	1,565	1,564	1,615	1,576	1,567	1,556	1,561	1,569	1,598	1,609	1,611	1,625	1,639	1,597	1,555	1,580	1,544	1,518
Other cause	1,582	1,626	1,627	1,671	1,646	1,646	1,706	1,678	1,728	1,764	1,745	1,796	1,809	1,747	1,744	1,757	1,695	1,678
All	1,862	1,891	1,883	1,894	1,860	1,856	1,902	1,881	1,922	1,935	1,918	1,945	1,946	1,887	1,851	1,864	1,815	1,811

Table G.2

Total admission rates: dialysis patients

per 1,000 patient years, period prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

UNADJUSTED	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	2,754	2,535	3,278	2,639	2,503	2,472	2,362	2,041	2,149	2,631	2,345	2,839	3,304	2,872	2,828	3,121	2,661	2,908
5-9	2,036	2,423	2,047	2,149	2,394	2,118	2,499	2,007	3,181	1,720	2,012	2,169	2,437	2,914	2,444	1,927	1,851	1,753
10-14	1,905	2,052	2,163	1,622	1,505	1,884	1,640	1,603	1,645	1,804	1,767	1,522	1,621	1,701	1,731	1,538	1,858	1,675
15-19	1,687	1,744	1,733	1,705	1,490	1,608	1,554	1,710	1,794	1,949	1,737	1,757	1,797	2,005	1,972	2,004	1,988	2,006
20-29	1,800	1,700	1,694	1,684	1,636	1,601	1,657	1,615	1,673	1,735	1,789	1,857	1,862	1,878	1,983	2,106	2,097	2,136
30-39	1,806	1,807	1,825	1,811	1,784	1,773	1,812	1,790	1,825	1,864	1,858	1,899	1,897	1,867	1,835	1,844	1,868	1,835
40-49	1,687	1,684	1,744	1,746	1,698	1,690	1,757	1,783	1,853	1,872	1,894	1,972	1,967	1,925	1,864	1,842	1,812	1,796
50-59	1,781	1,838	1,800	1,823	1,804	1,784	1,840	1,829	1,863	1,878	1,890	1,900	1,895	1,845	1,823	1,820	1,805	1,792
60-64	1,800	1,853	1,876	1,893	1,849	1,882	1,919	1,885	1,939	1,991	1,940	1,996	1,965	1,906	1,867	1,856	1,825	1,806
65-69	1,930	1,967	1,960	1,981	1,953	1,987	2,025	1,988	2,025	2,048	2,043	2,032	2,045	1,969	1,918	1,942	1,861	1,884
70-74	1,914	1,966	1,991	2,028	2,012	2,005	2,070	2,033	2,066	2,051	2,065	2,054	2,060	1,991	1,975	1,996	1,924	1,942
75-79	1,969	2,011	2,047	2,069	2,010	2,020	2,054	2,053	2,087	2,110	2,049	2,105	2,114	2,026	1,989	2,039	1,902	1,926
80-84	2,036	2,108	2,085	2,114	2,105	2,067	2,140	2,079	2,135	2,108	2,071	2,088	2,142	2,052	2,016	2,054	1,941	1,919
85+	2,061	2,121	2,106	2,159	2,180	2,132	2,210	2,147	2,199	2,165	2,192	2,172	2,178	2,126	2,075	2,089	1,970	1,971
Male	1,725	1,757	1,746	1,766	1,735	1,741	1,785	1,759	1,803	1,820	1,829	1,865	1,867	1,801	1,772	1,784	1,734	1,731
Female	1,981	2,018	2,052	2,066	2,038	2,036	2,099	2,091	2,141	2,162	2,141	2,158	2,164	2,116	2,078	2,091	2,029	2,028
White	1,899	1,921	1,947	1,958	1,926	1,939	1,976	1,955	1,992	2,007	2,001	2,011	2,018	1,944	1,915	1,939	1,873	1,888
Black/Af Am	1,807	1,863	1,853	1,885	1,851	1,837	1,913	1,898	1,964	1,984	1,981	2,035	2,038	1,998	1,960	1,960	1,914	1,888
Native American	1,819	1,921	2,026	1,953	1,934	1,952	2,010	1,983	1,958	2,009	1,990	2,012	1,914	1,842	1,768	1,735	1,785	1,754
Asian	1,302	1,294	1,304	1,340	1,364	1,390	1,449	1,445	1,425	1,464	1,435	1,428	1,456	1,426	1,403	1,401	1,364	1,385
†Hispanic						1,851	1,902	1,848	1,919	1,952	1,961	1,935	1,919	1,843	1,815	1,815	1,786	1,784
†Non-Hispanic						1,886	1,939	1,926	1,968	1,984	1,976	2,010	2,016	1,960	1,926	1,940	1,880	1,878
Diabetes	2,235	2,261	2,245	2,270	2,216	2,215	2,269	2,237	2,264	2,255	2,240	2,251	2,242	2,169	2,110	2,118	2,068	2,078
Hypertension	1,773	1,815	1,810	1,811	1,773	1,761	1,819	1,795	1,849	1,870	1,866	1,893	1,894	1,844	1,819	1,824	1,755	1,745
Glomerulonephritis	1,553	1,529	1,585	1,551	1,534	1,520	1,530	1,532	1,560	1,587	1,596	1,614	1,635	1,582	1,553	1,582	1,547	1,519
Other cause	1,621	1,669	1,676	1,711	1,682	1,686	1,738	1,715	1,777	1,816	1,796	1,846	1,858	1,798	1,798	1,814	1,746	1,735
All	1,849	1,883	1,894	1,912	1,881	1,882	1,936	1,917	1,963	1,980	1,974	2,001	2,004	1,945	1,911	1,923	1,867	1,865
ADJUSTED																		
0-19	2,175	2,209	1,955	2,021	1,745	2,056	2,035	1,996	1,757	1,348	1,309	1,306	1,403	2,214	2,496	2,536	1,730	1,560
20-44	1,986	1,967	2,005	2,002	1,942	1,923	1,985	1,960	2,027	2,064	2,078	2,139	2,131	2,066	2,019	2,043	2,044	2,026
45-64	1,793	1,822	1,815	1,821	1,785	1,781	1,827	1,822	1,859	1,881	1,879	1,910	1,899	1,852	1,825	1,818	1,795	1,785
65-74	1,910	1,948	1,943	1,969	1,942	1,950	1,994	1,953	1,985	1,994	2,002	1,989	1,999	1,930	1,900	1,923	1,840	1,867
75+	2,037	2,090	2,092	2,119	2,083	2,063	2,118	2,094	2,130	2,126	2,086	2,122	2,147	2,072	2,026	2,062	1,954	1,937
Male	1,789	1,820	1,793	1,814	1,776	1,775	1,818	1,787	1,825	1,834	1,838	1,871	1,872	1,804	1,771	1,785	1,734	1,731
Female	2,010	2,038	2,063	2,070	2,032	2,022	2,076	2,066	2,112	2,133	2,112	2,128	2,133	2,086	2,051	2,067	2,009	2,007
White	1,951	1,962	1,973	1,973	1,932	1,935	1,965	1,940	1,972	1,982	1,977	1,986	1,987	1,917	1,886	1,910	1,853	1,867
Black/Af Am	1,862	1,920	1,901	1,936	1,898	1,876	1,953	1,938	1,995	2,012	2,007	2,063	2,067	2,025	1,985	1,990	1,938	1,912
Native American	1,742	1,826	1,960	1,911	1,911	1,969	1,979	1,909	1,919	1,964	1,902	1,919	1,849	1,786	1,725	1,706	1,777	1,750
Asian	1,408	1,386	1,378	1,414	1,425	1,435	1,480	1,467	1,427	1,459	1,425	1,416	1,438	1,397	1,379	1,376	1,336	1,357
†Hispanic						1,849	1,886	1,813	1,883	1,915	1,914	1,890	1,873	1,801	1,780	1,783	1,749	1,751
†Non-Hispanic						1,898	1,949	1,934	1,974	1,987	1,977	2,011	2,015	1,960	1,924	1,938	1,882	1,879
Diabetes	2,249	2,276	2,252	2,284	2,226	2,229	2,287	2,254	2,280	2,272	2,264	2,286	2,280	2,221	2,168	2,180	2,121	2,124
Hypertension	1,754	1,783	1,787	1,778	1,748	1,738	1,783	1,767	1,814	1,833	1,831	1,861	1,859	1,809	1,782	1,793	1,735	1,730
Glomerulonephritis	1,604	1,579	1,643	1,608	1,598	1,588	1,595	1,602	1,629	1,650	1,662	1,671	1,699	1,643	1,613	1,643	1,606	1,580
Other cause	1,612	1,668	1,665	1,713	1,691	1,687	1,748	1,720	1,777	1,819	1,809	1,862	1,873	1,814	1,815	1,831	1,759	1,747
All	1,889	1,918	1,916	1,931	1,893	1,889	1,936	1,915	1,957	1,971	1,963	1,988	1,991	1,932	1,898	1,912	1,858	1,856

Table G.5

Total admission rates: transplant patients

per 1,000 patient years, period prevalent patients, by age, gender, race, ethnicity, & primary diagnosis

UNADJUSTED	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	1,139	1,113	1,378	1,363	1,498	1,614	1,406	1,757	1,742	1,804	1,336	1,186	1,715	1,559	1,349	1,321	1,562	1,821
5-9	828	1,005	892	1,010	949	1,182	1,296	1,075	1,084	1,283	1,192	1,055	964	1,202	1,060	1,232	1,261	1,110
10-14	979	835	873	808	887	1,009	774	901	1,054	1,041	1,034	1,032	1,177	1,369	1,121	937	1,061	865
15-19	886	829	1,064	982	963	968	1,096	1,235	1,195	1,009	1,165	1,165	1,041	1,232	1,085	1,171	1,266	1,356
20-29	851	853	888	811	817	891	879	902	872	920	879	897	936	853	869	924	887	841
30-39	890	971	877	920	870	866	913	910	902	976	894	922	957	880	813	837	821	822
40-49	869	905	822	829	846	842	830	821	898	901	835	850	828	789	768	757	763	716
50-59	896	848	898	857	888	821	826	838	890	895	840	851	849	810	813	791	765	754
60-64	850	880	839	865	950	886	897	983	909	905	971	923	902	866	794	857	799	818
65-69	851	937	989	924	859	904	987	909	1,000	990	928	955	992	893	835	824	828	782
70-74	974	992	995	858	1,018	912	972	954	1,005	952	1,016	999	957	982	924	835	831	815
75-79	1,018	854	936	788	1,032	1,200	1,324	976	1,306	1,163	1,036	964	1,010	892	895	806	820	800
80-84	*	*	*	*	*	*	917	1,297	1,104	2,109	597	960	1,021	1,247	954	1,021	780	858
85+	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	767	1,199	1,120
Male	846	856	832	817	818	808	819	835	861	867	839	840	825	780	751	758	745	734
Female	930	973	957	948	967	959	978	971	1,012	1,038	970	989	1,023	990	948	939	924	894
White	838	866	845	833	830	829	852	866	895	909	869	872	870	843	801	788	777	787
Black/Af Am	1,069	1,081	1,048	1,048	1,073	1,027	1,008	1,009	1,040	1,068	1,010	1,027	1,051	968	942	956	941	878
Native American	1,058	1,072	1,112	934	939	1,030	1,039	1,062	1,116	925	937	1,136	1,104	1,091	944	948	1,002	756
Asian	578	535	479	406	569	558	615	539	602	593	547	556	567	545	570	654	579	495
†Hispanic						882	823	871	893	899	846	873	873	857	786	802	785	803
†Non-Hispanic						867	892	894	927	943	900	906	911	866	836	834	819	795
Diabetes	1,311	1,377	1,283	1,282	1,249	1,212	1,230	1,229	1,254	1,258	1,208	1,194	1,209	1,149	1,055	1,059	1,040	1,019
Hypertension	873	844	792	766	863	829	807	797	843	911	839	828	788	743	760	756	711	722
Glomerulonephritis	684	726	721	693	691	677	678	720	758	752	743	756	717	710	669	707	684	647
Other cause	734	711	737	722	718	758	807	794	809	806	739	779	835	786	779	745	759	738
All	880	903	882	869	878	869	884	891	923	937	893	901	906	865	829	829	814	796
ADJUSTED																		
0-19	953	824	1,217	1,050	1,123	913	1,170	736	806	644	906	885	1,060	1,131	704	2,042	1,516	2,001
20-44	1,058	1,076	1,009	1,016	1,020	1,002	1,028	1,018	1,019	1,107	1,000	1,010	1,044	990	941	972	964	940
45-64	1,009	1,018	953	943	971	928	922	936	980	970	936	945	927	876	861	857	827	811
65+	1,002	1,055	1,139	1,020	1,008	994	1,108	1,020	1,117	1,103	1,062	1,027	1,061	986	927	878	865	833
Male	1,018	1,042	1,007	963	966	947	947	941	991	985	957	957	937	875	829	824	808	782
Female	1,025	1,052	1,074	1,007	1,017	991	1,084	1,022	1,095	1,105	1,038	1,019	1,077	1,020	991	956	941	918
White	976	993	955	902	901	895	932	921	981	975	931	930	939	901	862	828	810	832
Black/Af Am	1,047	1,128	1,199	1,145	1,123	1,073	1,164	1,100	1,154	1,179	1,128	1,089	1,131	1,016	980	970	952	873
Other race	1,007	832	787	630	783	886	914	777	893	777	729	780	775	799	752	762	741	623
†Hispanic						961	878	872	957	918	890	953	970	962	888	847	848	833
†Non-Hispanic						933	995	966	1,026	1,027	979	960	975	920	887	868	850	832
Diabetes	1,319	1,326	1,277	1,244	1,179	1,136	1,225	1,221	1,281	1,256	1,217	1,193	1,235	1,171	1,082	1,086	1,078	1,060
Hypertension	877	899	899	808	930	899	894	813	887	936	885	857	839	788	809	783	729	731
Glomerulonephritis	771	831	854	827	823	773	823	813	887	812	844	860	794	770	745	749	691	654
Other cause	754	795	855	814	756	830	909	823	856	875	763	833	903	791	740	717	753	696
All	1,020	1,043	1,035	976	982	961	1,010	975	1,037	1,037	990	979	997	937	900	880	865	841

Table H.1

Total patient deaths: ESRD patients*period prevalent patients, by age, gender, race, ethnicity, primary diagnosis, & patient vintage*

	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	*	23	57	36	36	49	37	31	36	40	38	36	38	41	64
5-9	15	15	28	16	12	20	*	21	13	*	12	*	13	15	14
10-14	28	23	33	26	17	17	27	32	24	29	20	19	*	19	23
15-19	47	47	69	61	53	55	53	77	58	72	63	41	49	37	58
20-29	345	411	563	592	534	583	610	577	578	594	592	563	569	582	554
30-39	791	1,212	1,864	2,334	2,191	2,250	2,233	2,168	2,107	2,054	2,007	2,059	1,925	1,905	1,833
40-49	1,125	1,718	2,859	4,530	5,485	5,822	5,964	5,981	6,028	6,097	5,965	5,834	5,556	5,680	5,336
50-59	2,180	3,456	4,710	7,155	10,341	11,129	11,580	12,178	12,515	12,800	13,568	13,354	13,454	13,482	13,320
60-64	1,470	2,818	4,061	5,655	7,408	7,773	7,867	8,580	8,791	8,785	9,109	9,233	9,593	10,178	10,672
65-69	1,730	3,212	5,398	7,755	9,630	10,000	10,004	10,376	10,505	10,599	10,654	10,847	11,181	11,553	11,761
70-74	1,331	3,038	5,191	8,897	11,589	11,889	12,241	12,133	12,252	12,240	12,099	12,022	12,202	12,396	12,540
75-79	885	2,231	4,416	7,556	11,705	12,288	12,525	12,944	12,991	13,132	13,213	12,914	12,926	12,691	12,616
80-84	383	1,133	2,524	5,047	8,418	9,188	9,852	10,285	10,803	11,284	11,530	11,641	11,487	11,497	11,712
85+	138	452	1,162	2,626	5,419	5,934	6,645	7,205	7,506	8,237	8,829	9,286	9,655	10,055	10,498
0-19	100	108	187	139	118	141	127	161	131	150	133	106	109	112	159
20-44	1,601	2,351	3,734	4,949	4,987	5,111	5,216	5,091	4,996	4,958	4,861	4,799	4,615	4,633	4,297
45-64	4,310	7,264	10,323	15,317	20,972	22,446	23,038	24,393	25,023	25,372	26,380	26,244	26,482	27,194	27,418
65-74	3,061	6,250	10,589	16,652	21,219	21,889	22,245	22,509	22,757	22,839	22,753	22,869	23,383	23,949	24,301
75+	1,406	3,816	8,102	15,229	25,542	27,410	29,022	30,434	31,300	32,653	33,572	33,841	34,068	34,243	34,826
Male	5,947	10,976	17,680	27,357	37,997	40,375	41,879	43,918	45,182	46,456	47,576	48,083	48,879	50,210	50,780
Female	4,531	8,813	15,255	24,924	34,840	36,621	37,769	38,665	39,025	39,514	40,121	39,776	39,778	39,921	40,219
Unk.	.	.	.	*	*	*	.	*	.	*	*	.	.	.	*
White	7,555	14,107	22,875	35,228	48,404	51,066	53,048	54,760	55,631	57,005	58,635	58,908	59,592	60,714	61,693
Black/Af Am	2,654	5,188	9,114	15,067	20,668	22,028	22,491	23,513	24,113	24,360	24,595	24,460	24,547	24,808	24,704
N Am	30	157	364	561	903	872	936	964	945	974	955	954	1,054	1,073	1,008
Asian	14	186	491	1,180	1,916	2,125	2,239	2,416	2,521	2,684	2,770	2,953	2,904	3,094	3,198
Other/unk.	225	151	91	250	947	906	934	935	997	949	744	584	560	442	398
†Hispanic					7,200	7,819	8,211	8,785	9,068	9,401	9,611	9,585	9,966	10,401	10,582
†Non-Hisp.					65,638	69,178	71,437	73,803	75,139	76,571	78,088	78,274	78,691	79,730	80,419
Diabetes	1,239	5,064	10,858	20,495	32,362	34,796	35,871	37,347	38,177	39,004	40,063	39,915	40,339	41,064	41,764
Hypertension	1,209	4,824	9,924	16,111	20,438	21,452	22,284	23,132	23,769	24,327	24,741	24,893	25,250	25,506	25,876
Glomerulonephritis	983	2,404	4,128	5,361	6,318	6,366	6,480	6,559	6,327	6,347	6,185	6,071	5,751	5,924	5,710
Cystic kidney	264	624	900	1,167	1,323	1,457	1,423	1,418	1,427	1,444	1,466	1,498	1,397	1,523	1,542
Oth. urologic	150	595	994	1,264	2,053	2,134	2,238	2,291	2,379	2,268	1,864	1,767	1,569	1,538	1,456
Other cause	784	1,925	3,161	5,061	6,724	7,099	7,605	7,927	8,068	8,322	9,113	9,562	10,014	10,273	10,491
Unk. cause	981	1,481	1,711	2,008	2,745	2,949	3,015	3,130	3,268	3,384	3,385	3,392	3,448	3,428	3,154
Missing	4,868	2,872	1,259	819	875	744	732	784	792	876	882	761	889	875	1,008
<2 years	6,538	10,860	18,070	26,055	35,626	37,226	38,007	38,864	38,875	39,347	39,799	39,423	39,182	38,796	38,404
2-<5 years	3,228	5,624	8,811	15,907	20,841	22,181	23,198	23,965	24,574	24,825	25,183	24,830	25,190	25,619	26,062
5+ years	712	3,305	6,054	10,324	16,371	17,590	18,443	19,759	20,758	21,800	22,717	23,606	24,285	25,716	26,535
All	10,478	19,789	32,935	52,286	72,838	76,997	79,648	82,588	84,207	85,972	87,699	87,859	88,657	90,131	91,001
All with unknowns dropped	9,287	18,168	31,144	50,039	69,174	73,169	75,732	78,557	79,975	81,681	83,591	83,906	84,669	86,277	87,460

Table H.2

Annual mortality rates: ESRD patients*per 1,000 patient years at risk, period prevalent patients, by age, gender, race, ethnicity, primary diagnosis, & patient vintage*

UNADJUSTED	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	116.7	67.8	69.3	54.8	64.7	77.1	61.4	56.6	51.1	43.8	41.6	45.5	47.1	41.3	59.6
5-9	60.5	33.5	15.6	17.8	13.3	17.0	7.6	18.6	13.5	8.2	8.1	6.0	9.0	15.1	13.7
10-14	40.2	34.1	13.2	13.9	7.0	6.8	14.4	17.1	11.2	15.7	10.4	10.2	4.3	8.6	10.8
15-19	27.8	24.3	16.4	23.0	17.1	17.9	16.1	21.6	16.3	17.0	16.7	11.2	12.5	8.5	14.2
20-29	47.9	39.7	39.8	36.6	30.5	34.2	35.5	34.1	33.0	32.9	32.8	31.0	30.5	30.1	28.5
30-39	78.9	68.0	65.9	61.6	52.6	54.5	52.5	49.9	48.0	47.0	46.1	46.2	42.5	41.8	39.8
40-49	112.2	97.5	92.1	88.8	79.7	82.2	81.1	79.0	76.7	75.6	72.9	68.8	64.3	64.0	59.3
50-59	153.1	162.0	147.3	138.2	128.1	128.2	124.8	123.2	119.1	114.1	113.9	107.6	103.1	100.6	94.7
60-64	228.1	228.2	209.7	196.7	184.2	181.9	173.6	178.4	171.1	160.5	157.6	147.7	142.0	137.3	135.0
65-69	290.3	287.7	276.4	249.7	238.4	235.3	226.8	222.3	215.7	208.7	198.1	189.7	182.2	177.9	171.6
70-74	314.9	346.8	329.8	312.4	302.1	294.3	290.9	282.5	273.2	268.6	254.5	241.7	234.5	229.1	218.9
75-79	427.3	411.5	400.7	370.1	368.7	367.2	358.6	349.9	346.1	337.1	329.8	315.3	303.9	289.4	277.3
80-84	498.3	496.8	451.8	453.2	446.2	450.9	439.7	429.5	417.0	419.3	409.2	398.1	381.5	367.1	360.6
85+	613.0	599.6	565.5	539.9	573.9	559.5	564.8	547.5	530.6	533.6	520.4	516.6	494.2	476.3	467.2
Male	161.4	172.2	171.3	169.8	168.1	169.4	166.9	167.0	164.0	161.2	157.8	152.3	147.4	145.5	140.8
Female	159.0	170.5	175.9	182.2	186.8	188.0	185.8	182.8	177.4	173.6	169.9	162.5	156.3	151.4	147.0
White	164.0	179.6	182.2	186.3	188.7	189.1	187.7	185.5	180.4	177.9	175.1	168.9	163.6	160.6	157.2
Black/Af Am	152.2	156.2	159.9	161.5	159.3	163.6	159.4	160.0	158.1	153.9	149.4	142.7	136.9	133.1	127.4
Other race	150.0	141.6	134.6	132.3	149.4	143.2	140.8	138.1	133.1	128.3	122.2	116.3	111.6	108.8	100.9
†Hispanic					148.8	149.7	146.7	145.1	139.8	136.3	130.4	121.6	117.6	116.4	110.7
†Non-Hisp.					180.3	181.8	179.6	178.4	174.7	171.6	168.5	162.8	157.2	153.8	149.6
Diabetes	256.9	265.8	244.7	233.8	232.6	234.1	227.5	225.2	219.3	213.8	209.1	198.9	192.2	187.6	182.1
Hypertension	135.6	189.1	203.6	204.6	200.3	201.3	200.1	197.6	194.8	192.8	189.5	182.2	176.1	169.8	165.2
Glomerulonephritis	75.7	91.2	100.5	95.0	89.0	87.5	86.2	85.2	79.9	78.6	75.1	72.4	67.2	68.0	64.5
Other cause	188.7	169.1	142.4	134.9	134.8	135.2	134.6	133.8	130.3	126.3	123.1	120.3	115.8	113.5	108.3
<2 years	194.2	222.6	224.1	217.3	224.7	227.0	224.3	224.4	218.3	215.0	210.8	202.8	196.0	190.1	183.1
2-<5 years	140.3	153.6	165.4	186.6	184.0	185.9	186.2	183.6	181.5	178.7	176.5	168.8	163.6	161.1	158.2
5+ years	77.7	105.9	107.2	110.1	115.7	116.9	114.5	114.9	113.6	112.1	109.9	107.5	104.5	104.7	102.2
All	160.4	171.4	173.4	175.5	176.6	177.8	175.4	174.1	170.0	166.7	163.1	156.8	151.3	148.1	143.5
ADJUSTED															
0-19	50.8	50.8	36.3	35.2	30.2	30.5	29.3	33.5	30.3	30.1	27.0	23.8	22.0	20.3	25.9
20-44	91.2	82.2	75.9	71.0	64.4	64.6	65.1	64.0	62.0	60.7	59.3	57.3	54.7	53.5	50.7
45-64	170.0	183.9	162.6	144.0	131.2	131.1	127.3	126.3	122.8	119.2	116.4	111.0	106.6	103.9	100.0
65-74	274.0	312.6	289.9	264.6	254.0	250.4	243.7	238.0	230.5	224.6	214.7	203.3	194.7	190.2	183.7
75+	386.0	429.7	410.5	393.4	398.0	398.1	389.4	382.4	375.4	370.9	363.7	352.3	340.1	331.5	320.2
Male	220.8	236.7	215.9	194.5	182.0	180.9	176.1	173.9	170.0	166.7	162.4	155.8	150.1	147.0	141.9
Female	200.3	217.9	200.3	190.4	184.6	184.2	180.4	177.1	171.4	167.0	162.8	156.0	150.0	145.3	140.3
White	227.7	250.9	225.2	206.2	191.5	189.3	184.4	180.7	175.0	170.9	166.8	160.3	154.8	151.4	147.1
Black/Af Am	180.7	190.3	187.8	179.4	174.7	177.6	173.8	173.3	170.8	168.0	163.0	155.2	148.5	144.1	137.4
Other race	192.7	209.7	173.6	144.5	154.1	149.9	144.1	140.3	135.9	132.0	126.3	120.2	114.9	111.6	105.3
Diabetes	274.1	291.9	258.8	235.4	223.9	222.2	214.8	210.7	204.2	199.4	194.2	185.6	178.3	173.7	168.2
Hypertension	160.9	193.3	188.3	180.3	170.5	170.1	167.5	165.1	161.5	159.1	156.0	150.1	145.6	142.1	137.6
Glomerulonephritis	139.8	152.7	153.6	137.8	128.5	127.7	125.0	122.9	117.9	115.0	110.5	105.7	99.9	98.8	95.4
Other cause	199.6	210.4	187.6	172.5	167.3	167.7	165.5	164.6	161.7	158.1	152.2	146.1	140.4	136.7	129.8
<2 years	256.3	256.6	228.3	202.7	193.0	192.9	188.9	187.3	182.4	179.2	175.1	168.5	162.7	158.4	152.0
2-<5 years	214.4	219.9	205.9	200.7	184.3	182.6	179.0	175.2	170.4	165.9	162.0	154.7	148.8	145.3	141.3
5+ years	143.8	194.5	182.7	168.8	166.5	165.8	160.5	157.0	152.4	148.7	143.7	137.6	131.9	128.6	124.2
All	211.1	228.1	208.7	192.4	183.0	182.3	178.0	175.2	170.4	166.7	162.4	155.8	150.0	146.2	141.1

Table H.3

Total patient deaths: dialysis patients*period prevalent patients, by age, gender, race, ethnicity, primary diagnosis, & patient vintage*

	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	*	*	18	20	26	29	21	20	20	18	17	21	21	22	35
5-9	*	*	*	*	*	14	*	14	*	*	*	*	*	*	*
10-14	*	*	13	14	*	*	16	24	19	18	*	15	*	*	*
15-19	22	37	25	39	29	34	31	44	36	30	43	27	27	20	31
20-29	228	279	393	435	422	459	470	479	474	468	454	443	460	459	434
30-39	522	878	1,358	1,817	1,732	1,776	1,774	1,721	1,667	1,624	1,650	1,667	1,563	1,536	1,503
40-49	823	1,310	2,111	3,476	4,338	4,629	4,762	4,808	4,863	4,912	4,833	4,705	4,465	4,526	4,287
50-59	1,656	2,814	3,757	5,800	8,324	9,036	9,464	9,875	10,220	10,270	10,910	10,817	10,853	10,901	10,765
60-64	1,178	2,401	3,372	4,682	6,093	6,350	6,483	7,055	7,234	7,185	7,446	7,536	7,816	8,233	8,587
65-69	1,364	2,684	4,576	6,485	8,002	8,321	8,341	8,573	8,643	8,685	8,751	8,852	9,118	9,302	9,462
70-74	1,026	2,523	4,323	7,508	9,686	9,892	10,193	10,140	10,192	10,174	9,935	9,779	9,981	10,088	10,078
75-79	681	1,857	3,673	6,219	9,752	10,180	10,418	10,733	10,804	10,892	10,923	10,690	10,642	10,348	10,245
80-84	277	904	2,022	4,199	6,726	7,469	8,086	8,517	8,920	9,290	9,504	9,596	9,492	9,474	9,649
85+	83	323	908	2,079	4,329	4,686	5,193	5,604	5,873	6,513	6,989	7,469	7,750	8,119	8,553
0-19	42	66	63	79	68	83	71	102	84	72	78	69	63	60	85
20-44	1,099	1,697	2,701	3,810	3,932	4,018	4,171	4,061	4,004	3,937	3,916	3,847	3,719	3,703	3,453
45-64	3,308	5,985	8,290	12,400	16,977	18,232	18,782	19,877	20,454	20,522	21,377	21,321	21,438	21,952	22,123
65-74	2,390	5,207	8,899	13,993	17,688	18,213	18,534	18,713	18,835	18,859	18,686	18,631	19,099	19,390	19,540
75+	1,041	3,084	6,603	12,497	20,807	22,335	23,697	24,854	25,597	26,695	27,416	27,755	27,884	27,941	28,447
Male	4,323	8,710	13,926	21,971	30,578	32,410	33,785	35,449	36,454	37,262	38,205	38,616	39,237	40,170	40,515
Female	3,557	7,329	12,630	20,808	28,894	30,471	31,470	32,158	32,520	32,823	33,268	33,007	32,966	32,876	33,133
White	5,604	11,197	17,996	28,076	38,337	40,399	42,229	43,471	44,119	45,063	46,313	46,561	47,078	47,644	48,465
Black/Af Am	2,084	4,439	7,765	13,077	17,929	19,170	19,506	20,430	21,070	21,114	21,314	21,252	21,286	21,461	21,330
N Am	23	134	322	478	784	760	837	833	817	847	829	830	890	915	836
Asian	*	158	420	1,012	1,655	1,815	1,925	2,101	2,174	2,280	2,352	2,468	2,472	2,638	2,711
Other/unlk.	161	111	53	136	767	737	758	772	794	781	665	512	477	388	306
†Hispanic	.	.	.	.	6,014	6,631	7,055	7,527	7,771	8,043	8,146	8,179	8,453	8,888	8,988
†Non-Hisp.	.	.	.	.	53,458	56,250	58,200	60,080	61,203	62,042	63,327	63,444	63,750	64,158	64,660
Diabetes	1,069	4,274	9,205	17,435	27,572	29,664	30,727	32,003	32,718	33,424	34,183	34,159	34,616	35,210	35,713
Hypertension	1,038	4,038	8,114	13,614	17,010	17,820	18,533	19,245	19,898	20,322	20,737	20,720	20,976	21,087	21,489
Glomerulonephritis	831	1,981	3,302	4,324	5,013	5,039	5,179	5,211	5,030	4,967	4,829	4,730	4,435	4,490	4,320
Cystic kidney	226	522	722	911	962	1,075	1,042	1,043	1,030	1,016	1,038	1,032	971	1,012	1,036
Oth. urologic	115	491	823	978	1,594	1,681	1,756	1,802	1,861	1,812	1,545	1,428	1,250	1,194	1,136
Other cause	696	1,547	2,483	3,859	5,097	5,284	5,652	5,786	5,825	5,874	6,407	6,773	7,113	7,186	7,197
Unk. cause	825	1,224	1,345	1,535	2,113	2,250	2,312	2,408	2,456	2,517	2,549	2,607	2,630	2,627	2,407
Missing	3,080	1,962	562	123	111	68	54	109	156	153	185	174	212	240	350
<2 years	4,987	9,430	15,516	23,013	31,127	32,517	33,197	34,055	33,943	34,183	34,563	34,320	34,029	33,439	33,129
2-<5 years	2,421	4,192	6,746	12,676	17,040	18,232	19,263	19,931	20,513	20,768	21,248	20,964	21,267	21,861	22,099
5+ years	472	2,417	4,294	7,090	11,305	12,132	12,795	13,621	14,518	15,134	15,662	16,339	16,907	17,746	18,420
All	7,880	16,039	26,556	42,779	59,472	62,881	65,255	67,607	68,974	70,085	71,473	71,623	72,203	73,046	73,648
All with unknowns dropped	6,907	14,714	25,164	41,115	56,616	59,915	62,212	64,457	65,748	66,822	68,279	68,526	69,109	70,046	70,945

Table H.4

Annual mortality rates: dialysis patients*per 1,000 patient years at risk, period prevalent patients, by age, gender, race, ethnicity, primary diagnosis, & patient vintage*

UNADJUSTED	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	111.6	85.0	125.2	99.1	141.2	151.5	112.9	113.4	93.7	83.7	80.4	94.7	91.5	79.8	100.2
5-9	73.5	68.6	40.6	44.8	34.8	61.0	9.2	59.8	58.8	28.7	43.0	32.0	38.4	53.3	67.3
10-14	40.7	46.8	42.7	34.2	17.1	17.4	34.2	51.3	34.2	36.6	25.8	40.6	18.7	23.6	25.7
15-19	36.3	45.1	26.0	42.1	35.8	40.1	33.0	44.6	36.7	27.4	42.0	27.0	29.0	18.2	29.3
20-29	66.5	62.6	70.2	64.0	51.6	55.8	58.7	60.0	56.8	56.5	54.3	51.7	50.8	49.4	47.2
30-39	94.5	99.1	110.5	104.9	89.2	90.8	88.6	83.9	80.0	77.8	77.0	76.2	70.2	67.6	63.6
40-49	120.4	121.5	130.2	130.7	120.0	124.0	123.5	122.5	119.7	118.4	113.7	107.2	99.5	97.7	90.4
50-59	160.3	178.6	180.2	176.0	168.7	170.6	168.5	166.9	164.0	156.6	157.4	149.3	143.0	140.2	131.7
60-64	230.3	235.8	232.6	224.5	219.7	217.9	211.4	218.8	212.3	201.3	199.9	189.3	183.8	178.1	175.2
65-69	291.9	291.0	287.7	269.1	266.7	266.3	259.0	256.4	250.5	244.8	236.3	228.9	222.4	218.6	211.4
70-74	315.5	348.4	334.0	322.2	319.4	313.4	312.7	306.2	300.4	298.3	285.4	271.7	268.8	263.3	253.2
75-79	427.9	412.3	403.1	372.9	376.1	375.5	368.1	359.6	358.6	351.8	346.4	333.7	324.9	310.7	300.8
80-84	498.3	496.9	452.6	454.5	448.5	454.3	443.7	433.8	421.5	424.8	415.2	405.0	388.9	375.8	370.2
85+	613.4	599.5	566.1	540.4	575.1	560.7	566.4	549.6	532.2	535.6	523.2	518.9	497.9	480.8	471.6
Male	184.2	217.4	231.4	227.9	226.6	228.0	225.7	226.4	223.3	219.4	215.5	208.2	202.0	198.6	191.2
Female	179.4	203.8	222.6	231.0	239.2	241.6	240.3	237.0	231.7	228.1	224.0	214.7	206.8	199.7	194.0
White	192.1	233.8	260.1	268.0	274.4	274.7	274.7	272.2	266.1	262.4	258.5	248.4	240.7	234.3	228.2
Black/Af Am	160.5	171.6	179.3	181.4	180.9	186.4	182.0	183.4	182.5	178.3	173.7	166.9	160.2	156.0	149.2
Other race	170.3	178.7	180.0	169.1	189.1	181.0	178.3	175.5	169.5	165.5	160.7	155.9	152.7	151.7	141.1
†Hispanic					185.5	186.5	185.0	184.3	178.0	173.8	165.8	155.7	150.4	149.0	141.5
†Non-Hisp.					239.4	241.8	240.0	239.0	235.4	232.0	228.9	221.3	214.3	208.8	202.6
Diabetes	286.1	309.2	293.9	274.6	271.2	272.4	265.4	262.8	256.0	250.6	244.9	233.3	225.6	219.8	212.5
Hypertension	147.5	211.5	233.1	234.8	233.6	234.9	233.9	232.1	229.7	227.3	224.9	217.0	210.1	202.7	197.3
Glomerulonephritis	91.9	124.1	152.2	148.4	142.0	140.8	142.6	142.1	136.3	133.8	129.5	126.5	117.4	118.4	112.6
Other cause	210.5	211.7	204.1	206.5	215.0	217.2	219.1	219.1	216.7	211.3	206.7	200.5	194.5	189.3	180.3
<2 years	209.5	244.3	244.8	232.5	239.0	241.2	238.3	238.4	231.8	228.1	224.5	216.0	208.4	201.9	193.6
2-<5 years	162.2	200.8	231.7	249.3	236.1	236.9	236.2	232.3	228.6	224.3	220.5	209.6	203.2	198.6	193.3
5+ years	103.5	146.1	175.9	193.4	211.9	214.9	213.9	214.1	215.2	212.3	207.4	203.5	197.4	194.6	189.6
All	182.0	211.0	227.1	229.4	232.6	234.4	232.5	231.3	227.2	223.4	219.4	211.1	204.2	199.1	192.5
ADJUSTED															
0-19	66.2	78.1	61.1	63.8	61.1	65.3	57.7	67.0	61.8	55.9	55.1	51.8	49.1	43.0	51.2
20-44	112.4	112.7	118.9	113.9	104.2	103.2	104.5	103.0	100.0	97.6	94.1	89.6	84.6	81.6	75.9
45-64	183.1	203.0	198.7	185.3	176.7	177.3	174.7	174.1	171.0	165.9	162.7	155.5	149.2	145.1	138.8
65-74	288.4	324.0	309.2	292.6	292.8	291.3	287.4	283.5	277.8	273.1	263.8	251.1	243.0	237.7	230.7
75+	404.6	444.3	433.0	418.7	431.2	432.7	426.1	418.7	412.9	408.7	401.9	390.5	378.3	368.6	357.5
Male	234.8	256.0	249.0	229.5	219.9	219.2	215.4	213.4	209.9	205.8	200.9	192.8	186.2	182.3	175.6
Female	213.1	232.6	224.0	220.0	218.6	219.0	216.9	214.0	208.6	203.4	198.9	190.7	183.7	177.2	170.7
White	243.8	273.5	263.1	249.4	239.4	237.7	234.6	231.2	225.8	220.8	215.8	207.2	200.1	195.1	188.8
Black/Af Am	191.2	199.4	203.1	196.4	191.6	195.3	191.9	191.7	189.6	186.4	180.8	172.5	165.1	159.9	152.2
Other race	202.3	223.4	195.0	165.4	179.5	174.9	168.1	163.8	158.7	154.1	148.2	141.1	136.7	133.6	126.1
Diabetes	296.0	319.6	300.4	278.1	268.4	266.6	259.4	254.4	247.1	240.6	234.3	223.2	214.0	207.4	200.0
Hypertension	170.6	206.4	211.1	207.7	200.1	200.0	197.8	196.3	193.0	190.1	186.5	179.3	174.3	169.9	164.2
Glomerulonephritis	147.0	163.7	175.4	164.1	158.2	158.8	158.5	158.0	154.3	151.0	146.6	141.9	135.2	133.6	129.2
Other cause	212.6	225.3	215.6	208.4	212.2	214.4	214.7	214.7	213.3	210.0	204.3	196.5	190.1	185.4	176.5
<2 years	259.9	264.8	238.7	212.9	204.9	204.9	201.7	200.5	195.9	192.1	188.0	180.9	174.6	169.5	162.2
2-<5 years	224.3	242.3	243.0	236.8	215.9	213.8	210.4	206.3	201.0	195.6	191.2	182.2	175.5	170.8	165.3
5+ years	175.5	221.1	231.2	230.6	241.8	243.3	240.5	237.6	234.3	229.9	223.8	215.2	207.5	202.2	195.7
All	224.5	245.4	237.7	225.0	219.1	219.0	215.9	213.4	209.0	204.6	199.8	191.7	184.8	179.8	173.2

Table H.10

Annual mortality rates: transplant patients

per 1,000 patient years at risk, period prevalent patients, by age, gender, race, ethnicity, primary diagnosis, & patient vintage

UNADJUSTED	1980	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	124.2	48.3	22.2	10.0	4.3	16.5	23.0	15.1	15.6	10.9	10.7	7.0	10.0	3.6	10.4
5-9	48.5	13.2	6.4	8.6	7.1	3.0	7.1	7.0	1.3	2.6	.	.	2.5	7.3	3.5
10-14	39.7	26.0	.	5.8	3.9	3.0	6.9	4.4	2.9	8.1	5.7	1.4	.	4.2	6.8
15-19	17.2	8.7	9.6	11.5	6.7	6.9	7.2	9.4	5.9	11.8	4.6	3.7	5.0	4.3	7.6
20-29	15.4	16.1	11.9	8.1	7.0	9.8	9.5	5.6	7.1	7.4	9.5	8.2	7.3	7.6	6.3
30-39	39.8	27.4	20.9	16.5	14.1	16.2	14.1	13.3	12.7	12.8	10.6	11.2	9.5	9.8	9.2
40-49	73.6	40.3	36.9	31.0	24.7	25.9	24.6	21.7	20.2	19.8	19.6	17.9	17.3	18.0	15.7
50-59	66.2	71.1	54.1	45.7	42.4	40.3	36.9	37.8	33.5	35.0	34.1	31.5	30.0	28.4	26.9
60-64	131.2	90.4	69.4	70.7	62.3	62.7	55.1	59.0	55.6	51.3	48.7	45.3	43.0	42.7	43.4
65-69	60.2	99.6	100.6	90.3	83.3	77.4	74.4	73.1	75.2	72.7	64.2	61.6	58.4	59.2	58.4
70-74	112.4	71.0	107.5	111.7	108.5	107.3	101.3	101.0	87.9	87.1	85.5	89.8	74.7	81.4	80.1
75-79	.	.	88.3	156.5	137.3	139.9	128.9	151.0	130.0	116.4	121.4	115.2	109.3	113.2	102.9
80-84	.	403.1	98.5	136.0	201.0	153.9	144.1	150.3	163.5	169.7	172.7	168.4	172.2	158.8	159.3
85+	.	602.7	297.4	.	190.9	216.3	199.2	110.9	240.3	237.5	139.2	237.3	164.8	136.3	175.0
Male	48.6	37.5	37.9	36.9	35.9	37.6	35.5	35.9	35.0	36.1	35.1	34.5	32.9	34.1	34.3
Female	33.8	31.1	27.0	29.3	32.5	32.5	31.4	32.5	30.2	30.2	30.3	29.6	29.2	30.4	29.3
White	38.2	33.8	32.1	33.0	34.2	35.4	33.2	34.3	33.0	33.9	33.4	33.4	32.0	34.0	33.5
Black/Af Am	61.4	42.9	43.6	39.6	38.9	39.5	39.4	38.8	35.8	36.3	35.6	32.2	32.5	32.0	32.3
Other race	66.0	27.3	22.9	27.0	24.8	25.6	25.5	23.4	25.4	23.9	23.4	23.6	22.6	20.9	21.5
†Hispanic					28.0	28.4	24.5	23.5	23.9	25.5	27.9	24.0	24.8	24.6	24.3
†Non-Hisp.					35.2	36.4	35.0	35.8	34.2	34.8	33.9	33.7	32.3	33.8	33.6
Diabetes	77.2	62.6	52.8	54.8	55.5	57.7	54.4	55.5	56.2	53.2	55.2	51.8	50.1	50.9	51.8
Hypertension	33.1	32.9	38.2	38.2	39.0	40.7	41.3	38.6	35.5	39.7	37.1	37.1	36.8	36.4	35.3
Glomerulonephritis	21.9	21.6	23.7	23.8	25.6	25.9	23.2	24.1	21.8	23.9	23.1	22.5	22.0	23.7	22.7
Other cause	53.9	37.9	31.1	28.4	26.5	27.1	26.1	27.4	25.9	26.1	24.7	25.5	23.6	25.4	25.1
<2 years	59.3	37.2	25.7	20.4	15.5	19.1	19.3	17.9	16.9	21.2	15.1	15.1	15.7	14.7	16.3
2-<5 years	44.8	35.7	31.4	26.4	24.5	25.0	24.3	23.0	22.8	22.1	20.8	21.9	18.6	19.4	22.0
5+ years	14.0	33.3	37.0	39.6	40.4	41.1	38.7	40.0	37.8	38.3	38.3	37.0	36.0	37.4	36.0
All	42.6	35.0	33.6	33.8	34.5	35.6	33.9	34.5	33.0	33.7	33.1	32.5	31.4	32.6	32.3
ADJUSTED															
0-19		30.9	21.7	16.6	11.7	10.2	12.0	12.7	10.3	13.3	9.1	6.6	5.5	6.3	9.4
20-44		35.4	27.7	19.4	15.5	16.4	15.7	14.9	13.6	13.5	12.4	11.9	10.9	10.8	10.4
45-64		66.9	54.9	46.2	36.7	36.9	34.5	33.8	30.9	31.1	28.8	26.6	24.9	24.6	24.3
65-74		87.4	89.0	90.4	77.8	77.1	73.2	71.8	67.5	67.3	61.1	57.9	52.9	53.1	52.5
75+		147.8	76.0	130.5	112.5	116.6	111.4	115.8	112.8	106.5	101.7	96.1	91.8	91.5	89.8
Male		81.9	64.3	68.3	52.2	53.5	50.7	50.1	47.1	47.6	43.6	41.0	37.1	36.2	36.5
Female		66.2	49.4	48.3	45.1	45.7	43.5	44.2	41.5	40.2	37.7	35.1	33.7	34.1	32.9
White		79.4	57.8	58.2	48.8	49.8	46.8	47.5	44.8	45.0	42.0	39.5	36.7	36.9	36.3
Black/Af Am		72.1	58.5	62.1	51.3	52.6	50.8	49.5	45.6	44.0	40.5	37.1	34.6	33.7	33.3
Other race		44.0	50.7	48.0	36.8	35.8	32.9	31.5	31.8	31.8	30.5	29.1	28.6	27.8	27.7
Diabetes		86.4	69.5	78.8	67.8	69.1	64.7	64.9	62.2	59.3	56.0	50.9	47.0	46.1	46.0
Hypertension		60.7	52.3	50.5	41.1	42.2	41.3	40.5	36.8	38.7	35.7	34.7	32.5	32.3	31.2
Glomerulonephritis		74.2	49.2	41.5	35.5	35.6	33.0	33.0	29.4	30.6	28.3	26.8	25.4	25.9	26.1
Other cause		85.3	55.8	49.4	37.8	37.6	35.3	35.7	34.4	34.4	30.8	29.1	27.4	28.4	27.7
<2 years		79.3	50.9	47.1	33.3	35.9	35.7	35.9	33.3	35.5	30.5	27.6	25.9	25.4	25.9
2-<5 years		74.3	55.2	52.4	45.0	44.6	41.9	41.0	39.1	36.7	34.7	33.6	30.1	29.7	30.1
5+ years		69.3	68.2	82.4	77.2	77.0	71.0	72.1	68.2	65.5	64.2	60.4	57.1	57.1	54.1
All		74.8	57.6	58.7	48.9	49.8	47.3	47.3	44.5	44.0	40.8	38.2	35.6	35.3	34.8

Table I.2

One-year survival probabilities: incident ESRD patients*censored at loss to follow-up or recovery of function, from day 1 to one year, by age, gender, race, ethnicity, & primary diagnosis*

UNADJUSTED	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
0-4	91.5	91.1	77.4	87.6	89.3	87.6	87.4	84.2	83.8	87.9	90.9	89.8	88.2	89.7	83.3	91.1	91.6	86.0	
5-9	93.5	94.1	91.2	95.9	93.7	96.1	100.0	96.0	96.0	97.3	94.9	97.2	97.2	98.6	96.0	96.0	94.3	95.0	
10-14	96.6	98.1	89.3	97.4	97.4	97.5	98.1	98.0	97.4	97.7	97.6	98.4	98.1	97.8	98.2	99.3	98.9	98.6	
15-19	96.7	97.2	92.4	97.6	96.7	98.5	96.4	97.3	97.9	97.0	97.6	96.7	96.7	96.3	97.4	97.6	97.7	96.9	
20-29	92.9	93.1	92.9	91.7	94.0	94.1	95.3	95.2	93.4	94.7	93.7	93.7	93.7	93.5	94.0	94.3	94.7	94.7	
30-39	89.6	90.3	89.8	88.5	89.3	90.6	90.7	90.6	90.6	91.0	91.2	91.2	91.7	91.8	92.7	92.8	92.2	93.1	
40-49	89.1	89.0	89.0	88.4	88.6	89.3	88.5	88.7	89.1	88.7	88.2	88.3	88.5	88.6	89.4	89.7	90.0	90.4	
50-59	84.7	82.9	84.4	85.1	84.4	85.4	84.7	84.4	84.6	84.4	84.8	84.1	85.0	84.6	85.3	85.6	86.0	86.3	
60-64	78.4	76.4	77.7	78.8	79.6	79.8	78.3	79.4	79.0	79.7	79.4	79.9	80.4	80.8	81.2	81.5	82.4	82.3	
65-69	70.4	69.3	73.6	74.8	74.7	73.8	74.3	74.1	74.0	74.6	74.5	74.9	74.7	75.5	76.7	76.4	76.8	78.1	
70-74	65.6	65.0	68.3	69.5	68.9	68.3	68.9	68.2	68.6	68.3	68.2	68.5	69.2	69.6	70.8	70.9	71.2	72.6	
75-79	58.8	62.5	63.5	62.9	62.9	62.1	62.1	62.1	62.6	62.8	63.0	62.6	63.1	63.9	63.8	65.1	66.4	66.4	
80-84	53.3	56.2	57.3	57.9	57.3	56.7	55.3	55.7	55.2	55.4	56.5	57.0	57.3	57.2	57.4	58.0	60.0	61.0	
85+	51.5	45.9	50.2	50.7	47.6	46.7	47.0	46.2	47.4	47.1	47.8	46.2	47.6	48.7	48.3	50.6	51.9	51.9	
Male	80.7	77.9	77.6	77.2	76.9	76.5	76.1	75.9	76.0	75.8	75.7	75.6	75.9	76.3	76.9	77.2	77.7	78.3	
Female	80.9	78.2	78.1	77.4	76.7	75.9	75.4	75.0	74.6	74.7	74.5	74.5	75.2	75.2	75.9	76.5	77.4	77.9	
White	79.1	75.6	75.1	74.6	73.8	73.1	72.9	72.7	72.7	72.4	72.2	72.3	72.8	73.2	73.8	74.0	74.7	75.1	
Black/Af Am	85.2	83.1	83.0	81.9	82.1	82.0	81.0	80.5	79.9	80.2	80.0	79.5	80.1	80.2	81.1	81.6	82.3	82.8	
Other race	80.6	84.1	86.3	82.6	81.1	81.7	81.0	80.5	82.1	82.7	82.8	83.0	83.0	83.5	84.3	85.1	85.2	87.7	
†Hispanic					82.3	81.2	81.2	81.1	81.5	81.6	81.2	81.5	82.4	82.3	83.6	83.8	84.3	85.0	
†Non-Hispanic					76.0	75.6	75.1	74.7	74.4	74.4	74.3	74.1	74.5	74.8	75.4	75.8	76.5	76.9	
Diabetes	78.5	75.4	77.5	77.9	77.4	76.9	76.2	76.2	76.2	76.4	76.4	76.7	77.3	77.3	78.3	78.5	79.3	80.3	
Hypertension	83.8	76.8	75.2	75.5	74.7	73.4	73.3	72.7	72.9	72.5	72.9	72.7	73.1	73.6	73.9	74.8	75.6	75.5	
Glomerulonephritis	91.6	87.8	85.7	86.5	86.5	86.4	86.0	85.6	86.7	86.2	86.6	86.6	87.3	87.8	88.2	89.2	89.8	90.1	
Other cause	77.2	75.9	77.1	73.1	72.4	72.7	72.6	72.2	71.3	71.4	70.0	69.7	70.1	70.9	71.7	72.1	72.2	72.9	
All	80.8	78.0	77.9	77.3	76.8	76.2	75.8	75.4	75.3	75.3	75.1	75.1	75.6	75.8	76.5	76.9	77.6	78.1	
ADJUSTED																			
0-19	93.1	93.4	83.3	93.2	92.4	93.9	93.3	92.7	92.4	93.0	93.9	93.7	92.8	93.3	92.4	94.5	94.4	91.5	
20-44	88.9	89.9	89.7	88.6	89.6	90.5	90.5	90.4	90.3	90.6	90.5	90.5	90.9	91.1	91.7	92.2	92.1	92.6	
45-64	81.5	80.7	82.8	83.9	84.0	84.7	83.8	84.0	84.1	84.1	84.1	83.9	84.4	84.4	85.1	85.3	85.8	86.0	
65-74	67.8	66.8	71.2	72.4	72.1	71.3	71.9	71.5	71.7	71.9	71.7	72.1	72.5	73.1	74.3	74.2	74.7	75.9	
75+	58.3	59.4	60.3	59.9	59.2	58.5	58.0	57.9	58.2	58.2	58.6	58.2	58.8	59.2	59.3	60.2	61.6	61.9	
Male	71.9	71.1	73.3	74.2	74.5	74.8	74.6	74.7	75.1	75.0	75.2	75.0	75.4	75.9	76.5	76.8	77.3	77.8	
Female	72.6	72.9	75.4	76.1	75.7	75.5	75.2	74.9	74.9	75.2	75.1	75.1	75.7	75.8	76.4	76.9	77.7	78.2	
White	69.2	69.2	72.2	73.7	73.5	73.5	73.5	73.6	73.9	73.9	73.9	74.0	74.6	74.8	75.3	75.6	76.3	76.4	
Black/Af Am	79.6	77.4	78.3	77.8	78.3	78.6	77.7	77.1	76.7	77.2	77.0	76.5	77.0	77.2	78.2	78.8	79.6	80.3	
Other race	70.2	77.5	82.5	80.3	79.3	80.1	79.2	79.2	80.6	81.2	81.6	81.8	81.7	82.5	83.2	83.9	84.2	86.8	
Diabetes	69.9	68.9	73.7	75.5	75.4	75.5	74.9	75.1	75.3	75.8	75.8	76.1	76.7	76.7	77.6	77.9	78.6	79.5	
Hypertension	79.1	75.7	76.2	77.2	76.9	76.3	76.3	75.9	76.3	76.0	76.6	76.2	76.6	77.0	77.2	77.6	78.5	78.2	
Glomerulonephritis	83.1	81.0	79.4	81.3	81.8	81.9	81.3	81.3	82.3	81.3	82.2	81.9	82.5	83.1	83.7	84.8	85.5	86.0	
Other cause	71.1	70.7	72.2	68.8	68.4	69.5	69.4	69.2	68.4	68.8	67.5	67.2	67.6	68.5	69.3	69.8	70.0	70.8	
All	72.2	71.9	74.3	75.1	75.1	75.1	74.9	74.8	75.0	75.1	75.1	75.1	75.6	75.8	76.4	76.8	77.5	78.0	

Table I.6

Ten-year survival probabilities: incident ESRD patients*censored at loss to follow-up or recovery of function, from day 1 to ten years, by age, gender, race, ethnicity, & primary diagnosis*

UNADJUSTED	1980	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
0-4	74.6	74.4	72.1	72.1	64.9	72.1	62.4	68.6	72.9	72.3	73.7	75.0	74.7	74.6	74.3	72.8	68.7
5-9	79.8	82.7	86.3	83.3	89.0	81.9	80.8	88.4	90.4	78.5	87.8	84.6	80.9	91.4	91.3	92.6	85.2
10-14	79.6	81.3	85.3	91.4	81.7	80.1	75.4	84.5	82.1	83.8	81.1	86.6	87.8	83.2	86.1	85.9	87.6
15-19	79.8	76.5	79.7	78.7	79.8	82.2	78.2	79.1	80.7	78.9	81.6	80.6	77.4	79.9	77.1	77.6	80.1
20-29	65.5	64.3	65.6	64.5	66.6	64.1	64.9	63.9	65.1	67.7	67.2	65.4	68.1	69.2	69.8	71.3	68.2
30-39	48.6	47.1	48.5	46.7	49.0	49.3	49.6	48.4	49.2	49.3	48.9	51.0	50.7	52.5	53.3	53.5	55.0
40-49	34.4	35.3	36.4	35.6	35.7	34.1	35.6	34.4	36.5	36.3	36.2	37.0	36.7	37.3	38.3	39.0	40.2
50-59	17.1	17.7	18.4	19.3	18.0	17.9	17.8	19.1	19.0	19.1	20.1	20.7	20.7	21.8	23.0	23.5	24.3
60-64	8.7	8.7	8.5	8.3	9.0	8.1	8.2	8.7	9.3	9.6	10.0	10.2	11.0	11.4	11.7	12.4	13.4
65-69	4.1	5.5	4.7	4.3	4.5	4.4	4.9	4.3	4.2	5.2	4.7	5.2	5.4	5.4	6.3	6.4	7.4
70-74	3.0	2.9	2.4	2.7	2.3	2.1	2.5	1.9	2.3	2.4	2.3	2.5	2.5	2.6	2.8	3.6	3.9
75-79	1.6	1.2	1.5	1.4	1.6	0.9	0.8	1.1	1.0	1.2	0.9	1.2	1.1	1.2	1.3	1.5	1.6
80-84	1.4	0.8	0.5	0.7	0.3	0.5	0.3	0.5	0.5	0.5	0.4	0.7	0.4	0.4	0.5	0.7	0.6
85+	1.1	0.0	0.0	0.0	0.2	0.4	0.1	0.2	0.4	0.2	0.2	0.2	0.5	0.1	0.2	0.3	0.2
Male	25.1	22.0	22.6	21.7	21.2	20.4	20.8	19.5	19.8	20.1	19.3	20.2	19.5	18.9	19.4	19.4	19.7
Female	25.5	21.3	20.3	19.4	19.9	18.1	17.4	17.1	17.1	16.8	16.7	16.7	16.2	16.1	16.3	16.6	17.0
White	25.6	21.4	21.2	20.3	19.4	18.1	18.2	17.2	17.2	17.2	16.5	17.0	16.3	15.8	16.3	16.3	16.3
Black/Af Am	24.3	21.4	21.3	20.5	21.9	21.0	20.2	19.8	20.5	20.2	20.3	20.8	20.7	20.4	20.3	20.9	21.6
Other race	26.8	30.4	32.1	29.3	31.0	28.8	29.4	28.0	26.2	26.7	25.1	22.6	21.7	22.4	23.6	23.8	25.6
†Hispanic													21.5	22.3	23.0	23.3	24.2
†Non-Hispanic													17.5	17.0	17.3	17.4	17.5
Diabetes	14.8	12.2	12.4	11.8	11.5	11.1	10.4	10.3	10.6	10.7	10.9	10.7	10.6	10.4	10.8	11.4	11.8
Hypertension	26.2	16.6	16.7	14.8	16.3	14.9	15.2	14.5	15.1	14.6	14.5	15.8	15.2	14.8	14.9	15.1	15.7
Glomerulonephritis	48.6	38.8	39.2	38.3	39.1	37.8	38.2	36.2	38.7	39.0	37.7	39.8	38.9	39.7	40.4	40.7	41.8
Other cause	21.0	26.1	26.4	27.3	26.4	26.8	28.1	28.3	27.4	28.3	27.7	26.6	26.4	26.4	27.3	27.0	27.3
All	25.3	21.7	21.6	20.6	20.6	19.4	19.2	18.4	18.6	18.6	18.1	18.5	18.0	17.6	17.9	18.1	18.4
ADJUSTED																	
0-19	69.4	67.6	71.7	72.2	69.9	71.4	65.7	70.3	72.6	69.9	72.8	73.4	71.1	73.3	72.6	72.6	72.5
20-44	45.4	46.3	47.4	46.0	47.5	47.7	48.1	47.0	48.1	48.6	48.8	49.2	49.2	50.7	50.8	51.5	52.2
45-64	13.2	14.9	15.9	16.2	16.3	16.2	16.3	17.3	18.3	18.7	19.6	20.4	21.0	21.8	22.9	23.7	24.8
65-74	3.4	4.2	3.5	3.5	3.4	3.3	3.7	3.2	3.4	3.9	3.7	4.1	4.2	4.3	4.9	5.4	6.2
75+	1.7	1.0	1.1	1.1	1.1	0.8	0.6	0.9	0.8	0.9	0.7	1.0	0.9	0.9	0.9	1.1	1.2
Male	13.0	13.7	14.2	13.9	13.8	14.1	14.6	14.4	14.9	15.5	15.4	16.1	16.3	16.5	17.2	17.9	18.4
Female	14.1	14.6	14.4	14.4	14.8	14.2	14.1	14.4	14.8	15.0	15.3	15.6	15.6	16.0	16.6	17.0	18.0
White	12.9	13.6	13.8	13.9	13.7	13.8	14.1	14.1	14.7	15.3	15.3	15.9	16.0	16.3	17.1	17.6	18.1
Black/Af Am	14.1	13.6	13.7	13.4	14.1	13.7	13.6	13.8	14.1	14.2	14.6	15.0	15.2	15.6	15.8	16.4	17.4
Other race	12.8	18.2	19.1	17.1	19.5	18.6	19.9	19.5	19.3	19.5	19.0	19.2	19.2	20.1	21.3	22.2	23.7
Diabetes	8.6	8.9	9.0	9.0	8.9	8.9	8.9	9.0	9.5	10.0	10.3	10.5	10.8	10.9	11.6	12.3	12.9
Hypertension	18.3	15.9	16.1	15.5	16.2	15.9	16.3	16.0	16.5	16.7	16.8	17.7	17.5	17.9	18.3	18.8	19.8
Glomerulonephritis	23.6	22.2	22.9	22.3	23.1	22.9	22.8	22.8	24.5	24.5	24.4	25.9	25.9	26.7	27.6	28.6	29.3
Other cause	14.2	17.7	18.0	18.6	18.2	18.6	19.3	19.8	19.2	20.1	19.7	19.7	19.9	20.5	21.2	21.1	21.9
All	13.5	14.1	14.3	14.2	14.3	14.2	14.4	14.4	14.9	15.3	15.3	15.9	16.0	16.3	16.9	17.5	18.2

Table J.1

Certified dialysis & transplant facilities: by Medicare certification

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Certified units										
Facilities	2,148	2,292	2,456	2,624	2,876	3,083	3,344	3,576	3,833	4,013
Dialysis patients	141,942	156,834	170,958	186,316	199,711	213,731	229,834	245,365	259,159	273,009
Transplanted patients	9,997	10,090	10,903	11,295	11,885	12,179	12,367	13,316	13,479	14,300
Veterans Administration										
Facilities	12	12	13	13	12	12	11	11	10	10
Dialysis patients	546	520	521	506	451	372	356	345	334	324
Transplanted patients	14	11	*	*	.	.	.	.	.	.
Total facilities	2,160	2,304	2,469	2,637	2,888	3,095	3,355	3,587	3,843	4,023
Total dialysis patients	142,488	157,354	171,479	186,822	200,162	214,103	230,190	245,710	259,493	273,333
Patients transplanted	10,011	10,101	10,910	11,296	11,885	12,179	12,367	13,316	13,479	14,300
Total transplants	10,026	10,115	10,934	11,312	11,902	12,198	12,427	13,272	13,483	14,311
Living donor	2,382	2,536	2,828	3,000	3,416	3,703	3,915	4,520	4,644	5,427
Deceased donor	7,644	7,579	8,106	8,312	8,486	8,495	8,512	8,752	8,839	8,884
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Certified units										
Facilities	4,175	4,379	4,530	4,673	4,870	4,997	5,170	5,430	5,689	5,798
Dialysis patients	285,645	296,322	307,909	318,170	330,132	342,752	355,443	368,639	384,176	399,200
Transplanted patients	14,608	15,055	15,661	16,488	17,146	17,712	17,254	16,961	17,209	17,447
Veterans Administration										
Facilities	10	54	61	59	71	70	70	71	71	71
Dialysis patients	337	2,030	2,186	2,234	2,658	2,551	2,652	2,696	2,841	2,854
Transplanted patients	.	22	51	41	114	106	100	93	123	97
Total facilities	4,185	4,433	4,591	4,732	4,941	5,067	5,240	5,501	5,760	5,869
Total dialysis patients	285,982	298,352	310,095	320,404	332,790	345,303	358,095	371,335	387,017	402,054
Patients transplanted	14,608	15,077	15,712	16,529	17,260	17,818	17,354	17,054	17,332	17,544
Total transplants	14,628	15,106	15,738	16,568	17,295	17,870	17,380	17,098	17,370	17,584
Living donor	5,804	5,893	6,244	6,506	6,480	6,361	5,987	5,858	6,250	6,182
Deceased donor	8,824	9,213	9,494	10,062	10,815	11,509	11,393	11,240	11,120	11,402

Table K.1

Total Medicare costs (\$) of reported ESRD per calendar year

all ESRD patients with at least one Medicare claim, by age, gender, race, ethnicity, & primary diagnosis

	1995	2000	2005	2006	2007	2008	2009	2010
0-4	10,805,739	7,632,816	16,495,763	16,694,119	15,824,545	22,153,251	21,315,533	24,245,826
5-9	9,305,565	9,504,316	11,496,457	13,890,301	15,808,563	16,031,286	16,732,720	16,737,800
10-14	19,655,317	16,547,299	28,544,985	32,174,382	30,438,583	29,479,239	34,663,266	31,028,773
15-19	47,201,197	47,010,035	64,454,258	78,246,924	72,748,179	82,156,432	85,775,917	87,798,879
20-29	335,165,312	354,530,875	450,634,026	521,591,520	538,564,416	588,480,987	643,607,427	663,748,401
30-39	811,466,548	894,552,760	1,216,029,842	1,371,197,210	1,412,881,604	1,519,980,677	1,657,665,897	1,675,605,513
40-49	1,174,568,603	1,593,204,201	2,438,049,784	2,724,116,312	2,827,985,097	3,070,910,106	3,358,094,583	3,475,272,147
50-59	1,464,047,150	2,176,692,196	3,731,469,214	4,268,443,016	4,523,783,833	5,062,475,896	5,511,664,666	5,821,011,264
60-64	923,764,913	1,270,017,477	2,127,631,280	2,351,091,509	2,511,214,707	2,860,268,033	3,172,091,761	3,452,216,359
65-69	1,320,547,838	1,666,983,528	2,643,863,336	2,852,290,192	2,970,493,456	3,332,110,305	3,564,433,426	3,840,151,829
70-74	1,253,478,877	1,701,069,174	2,481,452,420	2,624,676,116	2,744,266,077	3,019,741,111	3,203,161,629	3,442,227,006
75-79	877,933,813	1,421,478,206	2,194,087,651	2,314,782,771	2,350,146,981	2,555,264,064	2,629,669,068	2,779,399,038
80-84	414,525,795	670,681,729	1,273,208,403	1,358,362,893	1,410,992,191	1,568,411,013	1,629,942,654	1,726,753,464
85+	188,881,893	381,151,509	774,258,088	869,909,304	949,225,946	1,100,320,925	1,201,991,348	1,325,049,583
Unknown	591,046	590,980	95,023	1,113,366	363,665	320,131	1,258,889	777,080
0-19	86,967,818	80,694,466	120,991,463	141,005,726	134,819,870	149,820,208	158,487,436	159,811,278
20-44	1,694,102,366	1,957,337,209	2,724,071,320	3,074,258,045	3,164,579,146	3,430,400,322	3,731,654,442	3,789,729,262
45-64	3,014,910,159	4,331,660,299	7,239,742,826	8,162,181,522	8,649,850,511	9,671,715,376	10,611,469,892	11,298,124,423
65-74	2,574,026,715	3,368,052,703	5,125,315,756	5,476,966,308	5,714,759,532	6,351,851,416	6,767,595,055	7,282,378,835
75+	1,481,341,501	2,473,311,445	4,241,554,141	4,543,054,968	4,710,365,118	5,223,996,003	5,461,603,070	5,831,202,085
Unknown	591,046	590,980	95,023	1,113,366	363,665	320,131	1,258,889	777,080
Male	4,452,111,081	6,226,954,627	10,273,887,844	11,314,370,578	11,877,974,054	13,248,438,143	14,328,348,855	15,208,876,637
Female	4,399,718,001	5,984,692,475	9,177,796,260	10,084,201,248	10,496,759,419	11,579,663,321	12,403,608,373	13,152,923,745
Unknown	110,522		86,426	8,109	4,368	1,992	111,556	222,581
White	5,234,442,158	6,950,537,953	11,081,467,227	12,116,502,801	12,690,371,421	14,117,318,972	15,162,436,807	16,077,751,536
Black/Af Am	3,268,920,857	4,631,507,371	7,294,970,122	8,094,873,975	8,445,964,610	9,329,562,489	10,051,424,944	10,656,624,604
Native American	112,710,001	171,143,756	261,320,535	281,217,465	294,148,557	324,886,544	360,144,790	389,699,188
Asian	218,829,198	366,038,222	631,591,939	734,304,263	790,891,380	913,717,083	1,021,405,801	1,116,379,000
Other/unknown	17,037,389	92,419,800	182,420,706	171,681,431	153,361,874	142,618,369	136,656,441	121,568,635
†Hispanic		1,404,567,481	2,533,707,797	2,858,124,791	3,055,922,869	3,467,526,188	3,830,386,998	3,997,055,352
†Non-Hispanic		10,072,117,454	16,599,446,765	18,240,936,291	19,040,953,636	21,049,625,210	22,583,114,712	23,996,201,327
Unknown		734,962,167	318,615,968	299,518,853	277,861,336	310,952,057	318,567,074	368,766,284
Diabetes	3,343,236,042	5,232,240,474	8,843,362,330	9,758,370,636	10,226,063,330	11,356,112,899	12,253,337,516	13,076,031,005
Hypertension	2,623,489,256	3,318,718,493	5,216,311,292	5,674,885,626	5,938,245,226	6,575,004,310	7,054,843,261	7,521,548,700
Glomerulonephritis	1,265,544,015	1,520,975,532	2,066,403,383	2,245,964,079	2,278,725,600	2,457,770,547	2,621,982,852	2,658,413,246
Other cause	1,323,082,824	1,732,248,588	2,652,627,511	2,961,057,844	3,130,974,874	3,531,813,905	3,836,899,527	4,073,619,984
Unknown	296,587,467	407,464,015	673,066,013	758,301,751	800,728,811	907,401,795	965,005,627	1,032,410,028
All	8,851,939,603	12,211,647,102	19,451,770,530	21,398,579,935	22,374,737,841	24,828,103,456	26,732,068,784	28,362,022,963

Table K.6

Per person per year costs (\$): dialysis patients, with unknowns dropped (model 1)*period prevalent patients, as-treated model, primary payor only, by age, gender, race, ethnicity, & primary diagnosis*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	61,058	54,756	55,287	59,243	65,670	78,695	89,556	82,008	82,795	126,285	102,470	103,544
5-9	39,303	49,112	50,155	47,542	48,585	52,365	56,957	78,655	76,150	80,214	78,745	76,561
10-14	43,933	40,604	42,918	45,347	48,962	48,309	55,424	66,924	68,442	68,641	81,539	76,529
15-19	42,102	43,765	46,523	50,254	49,214	50,198	57,195	62,996	61,268	71,425	73,936	77,001
20-29	41,297	44,458	46,493	48,743	51,035	53,790	56,089	63,484	66,344	71,559	76,305	77,820
30-39	44,163	48,025	50,675	52,703	54,092	56,484	59,824	66,662	68,798	73,349	78,595	78,375
40-49	44,647	49,788	52,743	55,482	57,341	60,728	63,375	69,136	70,978	76,051	80,697	81,058
50-59	46,843	52,870	56,116	58,518	60,483	63,648	65,821	70,967	72,552	78,015	82,650	83,421
60-64	48,735	54,724	58,588	61,732	63,509	67,077	68,861	72,888	74,569	79,617	83,891	84,972
65-69	53,222	58,582	61,859	65,239	67,707	70,723	72,992	76,525	78,080	84,589	88,048	89,724
70-74	53,966	60,099	63,571	65,897	68,130	71,026	73,923	77,536	80,148	86,773	90,592	93,172
75-79	54,658	59,976	63,597	66,295	68,261	71,760	74,400	78,155	79,630	86,559	90,332	91,972
80-84	55,179	59,610	63,551	66,231	68,354	70,668	74,487	77,983	80,229	87,017	90,681	91,966
85+	55,736	60,136	63,402	65,598	69,241	70,332	74,455	77,716	79,632	86,077	89,977	91,346
0-19	44,039	44,329	46,735	49,615	50,393	52,330	59,379	66,699	65,711	76,699	78,912	80,159
20-44	43,784	47,660	50,442	52,894	54,508	57,287	60,558	67,331	69,280	74,141	79,038	79,195
45-64	46,949	52,926	56,235	58,882	60,827	64,180	66,207	71,069	72,815	78,106	82,651	83,499
65-74	53,585	59,348	62,724	65,568	67,917	70,872	73,447	77,014	79,074	85,630	89,254	91,341
75+	54,950	59,888	63,553	66,166	68,447	71,154	74,439	78,015	79,832	86,616	90,375	91,832
Male	47,416	52,947	56,116	58,830	61,000	63,975	66,994	71,211	72,915	78,507	82,708	83,658
Female	51,867	57,638	61,298	64,077	66,103	69,213	71,465	76,345	78,337	84,557	88,683	90,184
White	50,220	55,729	59,023	61,622	63,948	66,618	69,412	73,539	75,353	81,415	85,514	86,785
Black/Af Am	49,233	54,971	58,718	61,598	63,680	67,296	69,898	75,078	76,867	82,638	86,836	87,912
Native American	45,500	49,796	52,077	56,112	56,521	59,066	59,614	62,711	64,410	68,082	73,105	75,011
Asian	43,237	50,809	52,689	55,702	55,995	58,348	60,389	64,814	66,720	72,211	76,419	77,950
Other/unknown	56,369	57,537	59,053	60,314	59,578	62,945	65,584	68,638	72,747	76,643	83,144	81,109
†Hispanic	.	54,227	57,233	60,450	62,387	65,048	67,473	72,393	74,773	80,702	84,923	84,266
†Non-Hispanic	.	55,185	58,773	61,478	63,599	66,693	69,378	73,825	75,534	81,335	85,445	86,927
Diabetes	55,239	60,391	64,110	66,556	68,461	72,097	74,922	79,609	81,279	87,609	92,005	93,643
Hypertension	48,163	52,940	56,238	58,937	61,045	63,502	65,925	70,141	71,955	77,501	81,088	82,186
Glomerulonephritis	43,188	47,176	49,629	52,255	53,968	56,270	58,149	62,542	64,075	68,765	72,896	72,838
Other cause	46,573	53,253	56,431	59,360	61,936	64,270	66,921	71,171	73,325	78,835	83,439	84,140
Unknown cause	48,028	52,789	54,896	58,321	59,519	63,670	66,806	71,193	73,071	79,680	82,713	83,426
All	49,583	55,189	58,581	61,306	63,398	66,420	69,067	73,580	75,399	81,260	85,419	86,608

Table K.7

Per person per year costs (\$): hemodialysis patients, with unknowns dropped (model 1)*period prevalent patients, as-treated model, primary payor only, by age, gender, race, ethnicity, & primary diagnosis*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	82,293	87,752	96,260	80,083	65,607	89,134	131,536	106,722	105,377	192,680	119,646	119,327
5-9	48,044	50,196	61,090	59,505	64,605	66,255	70,184	99,420	76,642	104,662	96,042	90,444
10-14	46,099	45,015	51,456	54,285	55,223	51,660	58,729	67,251	76,123	75,031	88,409	82,819
15-19	44,816	45,757	48,908	52,890	51,681	53,691	59,698	66,199	64,676	73,532	77,569	79,543
20-29	42,469	45,658	48,140	50,465	52,832	55,751	57,780	65,168	68,057	73,168	77,877	79,435
30-39	45,660	49,142	52,137	54,282	55,792	58,292	61,479	68,439	70,596	75,020	80,477	79,933
40-49	45,784	50,831	53,873	56,516	58,541	62,188	64,967	70,605	72,389	77,418	82,002	82,396
50-59	47,675	53,569	56,947	59,410	61,521	64,742	66,959	72,081	73,703	79,140	83,821	84,463
60-64	49,536	55,165	59,203	62,417	64,392	68,108	69,802	73,903	75,627	80,651	84,757	85,993
65-69	53,810	59,095	62,160	65,768	68,340	71,443	73,758	77,199	78,831	85,388	88,820	90,561
70-74	54,490	60,250	63,760	66,314	68,584	71,726	74,520	78,148	80,788	87,431	91,216	93,803
75-79	54,860	59,781	63,406	66,281	68,313	71,966	74,611	78,498	79,914	86,808	90,554	92,578
80-84	55,197	59,225	63,131	65,819	67,928	70,371	74,202	77,731	80,001	86,943	90,580	91,998
85+	55,433	59,430	62,714	64,794	68,402	69,632	73,882	77,268	79,038	85,586	89,396	90,870
0-19	47,054	46,904	51,141	54,283	53,238	54,826	61,881	69,044	68,228	80,183	82,166	82,352
20-44	45,124	48,818	51,828	54,389	56,129	59,072	62,277	69,003	70,957	75,702	80,695	80,729
45-64	47,858	53,622	57,094	59,747	61,852	65,326	67,377	72,237	73,991	79,260	83,754	84,584
65-74	54,146	59,681	62,973	66,042	68,462	71,583	74,131	77,659	79,775	86,364	89,958	92,087
75+	55,038	59,558	63,213	65,897	68,199	71,032	74,343	78,007	79,771	86,601	90,312	91,999
Male	48,172	53,384	56,595	59,370	61,673	64,726	67,714	71,954	73,550	79,168	83,386	84,353
Female	53,015	58,449	62,202	65,080	67,151	70,455	72,709	77,500	79,660	85,872	89,901	91,480
White	51,491	56,456	59,810	62,497	64,958	67,696	70,492	74,554	76,433	82,552	86,593	87,929
Black/Af Am	49,807	55,388	59,182	62,114	64,253	68,060	70,597	75,770	77,532	83,276	87,446	88,539
Native American	45,843	50,284	52,608	56,834	56,983	59,724	60,153	63,204	64,809	68,210	73,286	74,957
Asian	44,488	51,885	53,783	56,867	57,212	59,691	61,964	66,345	68,007	73,362	77,746	79,517
Other/unknown	57,782	58,747	60,594	61,745	60,642	64,131	66,902	69,949	74,082	77,903	84,272	81,527
†Hispanic	.	55,180	58,129	61,414	63,439	66,085	68,622	73,409	75,782	81,757	85,825	85,058
†Non-Hispanic	.	55,734	59,392	62,187	64,407	67,665	70,308	74,736	76,461	82,276	86,365	87,922
Diabetes	55,933	60,717	64,471	66,992	69,025	72,724	75,540	80,174	81,879	88,155	92,555	94,157
Hypertension	48,811	53,312	56,609	59,457	61,579	64,235	66,651	70,884	72,712	78,269	81,785	83,033
Glomerulonephritis	44,718	48,381	50,950	53,697	55,433	58,035	59,872	64,070	65,804	70,569	74,635	74,479
Other cause	47,648	54,053	57,475	60,411	63,138	65,608	68,190	72,408	74,466	80,042	84,606	85,385
Unknown cause	49,142	53,341	55,365	58,744	60,331	64,111	67,280	72,036	73,690	80,304	83,255	84,070
All	50,534	55,796	59,253	62,056	64,237	67,391	70,020	74,503	76,336	82,205	86,329	87,561

Table K.8

Per person per year costs (\$) : CAPD/CCPD patients, with unknowns dropped (model 1)*period prevalent patients, as-treated model, primary payor only, by age, gender, race, ethnicity, & primary diagnosis*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	53,296	41,091	46,412	53,158	65,506	70,517	80,002	75,194	75,386	101,546	95,997	96,542
5-9	37,186	47,077	41,863	40,376	39,934	45,282	50,035	65,164	76,457	62,731	70,124	68,971
10-14	41,386	34,418	32,873	36,318	42,852	44,904	52,574	66,122	60,568	63,216	75,245	68,083
15-19	37,344	38,301	40,476	42,502	42,102	39,427	48,466	52,671	51,584	64,396	64,082	68,923
20-29	37,486	38,114	38,459	39,754	41,268	43,409	46,014	52,972	55,335	61,415	65,628	66,893
30-39	38,538	41,204	41,430	42,513	42,528	43,484	47,271	53,426	55,173	59,561	62,778	65,036
40-49	39,751	41,747	43,357	45,830	46,067	46,842	47,338	54,362	55,604	61,355	65,821	66,115
50-59	42,087	45,262	46,442	48,099	47,999	50,067	50,981	56,065	56,898	61,839	64,986	67,528
60-64	42,651	47,619	48,552	49,579	49,031	50,657	52,349	55,142	56,160	61,444	67,308	66,128
65-69	45,513	47,352	51,359	51,910	52,649	53,643	54,158	58,813	58,371	63,536	65,438	67,369
70-74	44,280	49,634	50,811	49,259	51,602	51,051	54,299	57,556	58,549	63,320	66,551	68,903
75-79	43,172	49,095	50,968	50,592	50,222	52,181	54,670	56,511	58,171	64,037	67,058	64,046
80-84	44,268	45,172	47,997	50,891	52,223	52,359	56,095	58,635	59,744	62,751	63,693	65,167
85+	42,166	47,237	45,281	46,561	51,367	48,331	51,860	55,291	55,662	56,207	62,298	64,205
0-19	40,597	38,764	39,518	42,060	45,989	46,992	55,071	62,242	61,627	70,812	74,281	75,726
20-44	38,687	40,367	41,448	42,735	42,960	44,619	47,282	54,377	55,725	61,036	64,377	65,960
45-64	41,661	45,213	46,164	48,019	48,031	49,441	50,353	55,046	56,232	61,375	65,785	66,768
65-74	44,952	48,420	51,104	50,681	52,161	52,410	54,224	58,225	58,452	63,438	65,940	68,038
75+	43,400	47,864	49,580	50,289	50,931	51,787	54,743	57,010	58,364	62,511	65,337	64,425
Male	40,837	43,732	45,270	46,721	47,082	48,701	51,160	55,382	57,446	61,901	64,997	66,149
Female	42,749	45,853	47,243	48,142	49,001	49,681	51,143	56,675	56,482	62,260	66,365	67,398
White	41,771	44,658	46,184	47,312	47,755	49,463	51,371	56,145	56,501	61,196	64,761	66,092
Black/Af Am	42,508	45,757	47,436	48,850	49,846	50,017	52,687	57,719	59,547	65,338	69,359	70,010
Native American	42,651	42,215	45,103	45,400	48,248	48,058	49,552	53,039	55,650	61,921	67,177	71,758
Asian	34,874	41,387	41,404	41,953	41,772	41,987	42,056	46,723	50,691	57,343	58,430	57,785
Other/unknown	39,377	44,681	40,850	44,421	44,678	43,952	43,157	52,290	54,108	57,486	63,182	67,446
†Hispanic	.	41,521	43,839	45,446	45,590	48,471	47,790	53,693	55,241	60,896	65,909	67,230
†Non-Hispanic	.	44,847	46,571	47,681	48,393	49,344	51,667	56,399	57,230	62,227	65,635	66,677
Diabetes	48,236	51,666	53,327	54,394	54,358	56,820	58,496	63,840	64,487	71,077	74,458	77,404
Hypertension	40,164	42,595	44,598	44,749	45,938	46,114	48,408	52,496	53,457	58,416	61,900	61,550
Glomerulonephritis	36,295	38,739	39,874	41,246	42,789	42,879	44,958	50,264	49,770	54,224	58,479	59,411
Other cause	39,495	42,577	43,557	45,454	45,865	46,964	48,904	53,841	55,837	60,063	63,321	63,480
Unknown cause	38,817	41,128	41,284	43,789	41,717	44,078	46,424	49,575	54,588	56,298	61,648	61,401
All	41,761	44,789	46,248	47,420	48,027	49,181	51,152	56,007	56,978	62,076	65,657	66,751

Table K.9

Per person per year costs (\$): transplant patients, with unknowns dropped (model 1)*period prevalent patients, as-treated model, primary payor only, by age, gender, race, ethnicity, & primary diagnosis*

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-4	23,595	26,815	29,695	33,139	31,520	36,335	26,832	49,522	37,780	53,800	52,298	62,162
5-9	16,319	13,540	16,547	16,710	14,449	19,119	16,024	33,188	20,088	44,911	24,345	50,377
10-14	15,495	12,933	16,294	17,153	13,212	26,716	14,279	37,501	21,473	38,031	33,525	46,585
15-19	18,984	16,094	16,236	20,233	16,704	26,376	19,527	35,735	23,249	36,960	27,857	45,236
20-29	18,467	17,085	18,090	20,247	17,233	22,893	19,207	31,301	20,633	31,405	24,787	35,010
30-39	17,894	17,150	17,227	19,945	16,413	22,581	18,693	27,646	20,246	28,783	23,774	32,612
40-49	18,126	17,314	18,901	20,145	16,580	22,607	19,188	27,614	20,264	28,664	23,827	31,366
50-59	19,841	19,407	20,571	21,484	17,753	23,510	20,388	27,506	21,620	29,949	24,236	32,810
60-64	19,531	20,426	20,526	21,814	18,895	24,210	21,416	28,088	24,247	29,684	25,641	32,802
65-69	19,644	21,175	20,328	24,309	19,838	26,310	22,427	28,247	24,597	30,737	27,091	32,767
70-74	18,685	21,752	19,490	23,463	19,114	25,178	23,671	27,496	24,485	30,657	26,761	33,950
75-79	17,362	18,546	17,890	25,712	20,720	26,046	25,644	26,442	25,036	30,011	26,736	31,783
80-84	18,333	18,671	18,268	19,044	13,091	23,577	20,455	25,135	20,599	32,630	25,989	32,766
85+	10,425	17,349	12,371	17,780	7,826	32,165	18,129	27,677	16,028	29,753	21,709	30,219
0-19	18,027	15,381	17,342	19,715	16,134	26,372	17,870	37,270	23,470	40,054	31,118	48,121
20-44	18,023	16,989	17,915	20,047	16,554	22,478	18,806	28,207	20,317	29,153	24,172	32,428
45-64	19,331	19,231	20,048	21,223	17,738	23,560	20,408	27,728	21,879	29,635	24,354	32,572
65-74	19,379	21,370	20,084	24,009	19,602	25,887	22,862	27,960	24,556	30,706	26,966	33,241
75+	17,400	18,537	17,824	24,494	19,518	25,790	24,705	26,239	24,107	30,495	26,488	31,920
Male	18,519	18,200	18,580	20,825	17,239	23,580	20,098	27,699	21,773	29,443	24,794	32,104
Female	18,921	19,026	19,715	21,931	17,815	24,042	20,301	28,571	22,101	30,805	25,307	34,131
White	17,702	17,323	17,935	19,970	16,359	22,522	18,846	26,286	20,634	28,389	23,562	31,261
Black/Af Am	22,892	23,109	23,299	26,198	21,548	28,116	25,075	33,935	26,821	35,371	30,007	38,571
Native American	18,217	18,300	19,371	19,882	19,065	23,730	19,805	28,514	21,137	31,070	25,822	33,246
Asian	14,782	15,352	16,466	18,386	14,962	20,359	17,805	25,007	17,747	27,293	21,465	29,198
Other/unknown	15,729	26,003	18,568	18,810	14,117	46,998	15,460	37,750	34,697	30,263	34,972	32,664
†Hispanic	.	18,652	19,895	21,108	18,148	23,807	20,273	29,688	21,695	31,467	25,089	33,801
†Non-Hispanic	.	19,367	20,071	22,102	18,201	24,252	20,990	28,301	22,652	30,099	25,421	33,021
Diabetes	25,500	25,093	25,873	28,951	22,940	31,348	27,024	35,665	29,445	37,993	32,643	41,527
Hypertension	19,461	18,877	19,414	22,216	18,028	24,165	21,495	27,903	22,692	30,203	25,351	32,831
Glomerulonephritis	15,488	15,332	16,014	17,200	14,701	19,582	16,376	23,468	17,781	24,614	20,301	26,978
Other cause	15,950	15,595	15,840	17,618	14,936	20,356	16,875	25,071	18,717	26,910	21,873	29,822
Unknown cause	13,987	15,467	15,594	17,171	14,997	19,241	16,498	24,352	16,039	25,293	21,067	27,582
All	18,679	18,533	19,031	21,274	17,470	23,767	20,180	28,051	21,906	29,988	25,002	32,914

Table K.b

Medicare payments (\$) per person per year: 2010, by claim type & modality (model 1)*period prevalent patients, as-treated model; Medicare primary payor only*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	357,347	280,375	260,412	18,745	1,218	76,971
Total Medicare	75,043	86,608	87,561	66,751	188,471	32,914
Total inpatient	26,696	29,804	29,766	24,935	112,986	15,371
Medical DRG	13,571	15,538	15,556	12,027	65,589	6,405
Surgical DRG	10,778	12,520	12,469	11,410	40,474	4,430
Other DRG	125	137	140	76	356	83
Rehabilitation	780	899	891	813	3,858	349
Transplant DRG	705	0	0	0	0	3,273
Non-transplant pass-throughs	698	711	709	609	2,710	650
Transplant pass-throughs	39	0	0	0	0	181
Total outpatient	24,664	30,591	31,031	24,912	23,858	3,077
Outpatient hemodialysis	12,978	16,505	17,691	708	6,235	128
Outpatient peritoneal dialysis	999	1,269	77	17,463	6,869	17
Outpatient other dialysis	15	19	20	4	73	1
Outpatient ESA	4,623	5,858	6,023	3,683	3,991	125
Outpatient vitamin D hormones	923	1,174	1,262	25	163	7
Outpatient iron	632	802	847	184	644	11
Outpatient other injectables	222	210	215	128	342	265
Radiology	346	376	380	314	414	239
Pharmacy	114	134	135	105	322	45
Ambulance	68	80	81	46	243	25
Laboratory/pathology	445	331	331	324	598	859
Outpatient other	3,299	3,833	3,970	1,929	3,962	1,354
Skilled nursing facility	2,706	3,262	3,370	980	15,267	680
Home health agency	1,682	1,949	2,006	1,106	2,756	709
Hospice	252	304	308	145	1,885	63
Total physician/supplier	14,570	15,878	16,241	9,933	29,743	9,806
Transplant surgery	75	6	5	8	37	326
Inpatient surgery	470	506	503	472	1,596	342
Outpatient surgery	827	902	929	553	654	553
-E&M nephrology inpatient	468	521	521	402	2,276	274
-E&M nephrology outpatient	71	23	22	33	64	248
-E&M non-nephrology inpatient	1,755	2,037	2,053	1,349	9,391	728
-E&M non-nephrology outpatient	788	826	833	714	1,057	651
Dialysis capitation	1,822	2,316	2,348	1,930	1,433	24
Inpatient dialysis	211	265	259	284	1,142	16
Home dialysis	22	28	9	265	367	3
Vascular access	1,238	1,563	1,661	203	1,564	53
Peritoneal access	8	9	5	61	112	4
Physician/supplier ESA	28	11	9	30	61	94
Physician/supplier iron	1	1	0	5	4	4
Immunosuppressive drugs	876	17	16	11	213	4,008
Durable medical equipment	291	334	343	203	468	133
Physician/supplier radiology	414	448	453	365	793	287
Physician/supplier lab/pathology	1,263	1,459	1,460	1,403	2,182	547
Physician/supplier ambulance	2,483	3,110	3,295	451	4,493	198
Other physician/supplier	1,456	1,495	1,515	1,190	1,836	1,312
Part D	4,473	4,821	4,840	4,741	1,977	3,208