



Reference tables: end-stage renal disease

Inigo was in despair.

Hard to find on the map (this was after maps) not because cartographers didn't know of its existence, but because when they visited to measure its precise dimensions, they became so depressed they began to drink and question everything, most notably why anyone would want to be something as stupid as a cartographer. It required constant travel, no one ever knew your name, and, most of all, why bother? There grew up, then, a gentleman's agreement among mapmakers of the period to keep the place as secret as possible, lest tourists flock there and die. (Should you insist on paying a visit, it's closer to the Baltic States than most places.)

William Goldman
THE PRINCESS BRIDE

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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. †Hispanic is classified as "race" in the Medicare enrollment files. Adjusted rates use the 2010 ESRD cohort as reference (represented by outlined columns in tables). In cost tables, years shaded gray include part D costs.

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	2011
0-4	139	148	165	193	203	178	198	233	208	198	237	224	275	309	320
5-9	102	152	146	153	149	182	147	148	146	129	130	148	148	154	146
10-14	214	246	283	308	312	338	338	321	337	298	313	283	294	299	302
15-19	441	544	570	575	589	585	625	649	622	673	630	693	645	629	642
20-29	2,084	2,632	2,688	2,715	2,714	2,581	2,548	2,645	2,735	2,768	2,840	2,808	2,911	2,840	2,782
30-39	3,309	4,883	5,749	5,825	5,757	5,807	5,734	5,795	5,907	6,033	5,905	6,010	6,216	6,010	5,894
40-49	3,688	6,272	8,982	10,997	11,057	11,328	11,627	11,949	12,127	12,656	12,354	12,275	12,720	12,448	12,259
50-59	5,502	8,365	11,950	16,882	17,785	18,228	19,164	19,868	20,681	21,978	22,078	22,501	22,974	22,823	22,732
60-64	3,952	6,144	7,995	10,077	10,482	10,580	11,266	11,654	11,950	12,439	12,982	13,483	14,326	14,891	15,034
65-69	3,927	7,246	9,308	11,509	11,880	11,807	12,169	12,315	12,233	12,732	12,815	13,209	14,062	14,295	14,051
70-74	3,487	6,264	9,370	12,395	12,884	12,707	12,452	12,570	12,555	12,854	12,702	12,750	13,028	13,490	13,068
75-79	2,303	4,611	7,208	11,575	11,962	12,236	12,498	12,385	12,532	12,727	12,247	12,146	12,259	12,350	12,155
80-84	1,025	2,397	4,156	7,458	7,769	8,752	8,911	9,249	9,744	9,869	9,908	9,880	9,988	9,965	9,580
85+	360	959	1,786	3,900	4,288	4,685	5,004	5,242	5,521	5,811	6,131	6,422	6,799	6,834	6,606
Unknown	*	*	*	.	.	.	.	.	.	*	*	*	29	53	72
0-19	896	1,090	1,164	1,229	1,253	1,283	1,308	1,351	1,313	1,298	1,310	1,348	1,362	1,391	1,410
20-44	7,132	10,629	12,532	13,281	13,179	13,132	13,136	13,411	13,758	14,037	13,860	13,812	14,317	13,924	13,682
45-64	11,403	17,667	24,832	33,215	34,616	35,392	37,203	38,500	39,642	41,837	42,299	43,265	44,830	45,088	45,019
65-74	7,414	13,510	18,678	23,904	24,764	24,514	24,621	24,885	24,788	25,586	25,517	25,959	27,090	27,785	27,119
75+	3,688	7,967	13,150	22,933	24,019	25,673	26,413	26,876	27,797	28,407	28,286	28,448	29,046	29,149	28,341
Unknown	*	*	*	.	.	.	.	.	.	*	*	*	29	53	72
Male	16,562	27,309	37,124	50,611	52,638	54,339	55,642	58,011	59,580	62,115	62,416	63,698	66,175	66,931	66,200
Female	13,977	23,556	33,232	43,951	45,193	45,655	47,039	47,012	47,714	49,053	48,857	49,137	50,497	50,455	49,441
Unknown	.	.	*	.	.	.	.	.	*	.	.	.	*	*	*
White	20,795	33,827	44,650	61,845	63,955	65,028	66,419	68,531	70,228	73,318	72,943	73,896	76,380	77,069	75,664
Black/Af Am	8,725	14,985	21,593	26,766	27,814	28,705	29,585	29,405	30,503	31,541	31,708	32,069	32,784	32,451	31,857
Native American	308	609	886	1,204	1,176	1,148	1,143	1,207	1,228	1,224	1,276	1,323	1,447	1,436	1,389
Asian	602	1,292	2,289	3,254	3,459	3,607	3,771	3,907	4,163	4,754	5,064	5,161	5,649	5,927	5,903
Other	70	61	770	1,412	1,378	1,449	1,671	1,678	847	135	137	177	147	162	206
Unknown	39	91	169	81	49	57	92	295	329	196	145	209	267	345	624
†Hispanic				12,544	11,792	12,533	13,318	13,696	13,900	14,828	15,145	15,708	16,313	16,895	17,149
†Non-Hispanic				82,018	86,039	87,461	89,363	91,327	93,398	96,340	96,128	97,127	100,361	100,495	98,494
Diabetes	8,706	18,153	29,310	42,452	44,171	44,469	45,669	46,770	47,452	49,470	49,122	49,794	51,287	51,867	50,801
Hypertension	8,270	15,391	18,838	25,101	26,351	27,323	28,597	28,772	29,102	29,905	30,849	31,607	32,936	33,042	32,184
Glomerulonephritis	5,112	7,086	8,302	8,702	8,647	8,749	8,459	8,613	8,228	8,034	7,625	7,536	7,664	7,476	7,333
Cystic kidney	1,227	1,580	1,930	2,197	2,269	2,254	2,305	2,346	2,526	2,663	2,649	2,692	2,680	2,641	2,530
Other urologic	1,179	1,307	2,037	2,730	2,765	2,928	2,808	2,859	2,170	1,670	1,548	1,574	1,597	1,590	1,492
Other cause	3,548	4,875	7,158	9,139	9,337	9,937	10,192	10,824	12,323	13,734	14,124	14,266	14,805	15,005	14,960
Unknown cause	1,545	1,917	2,474	3,745	3,973	3,930	4,025	4,094	4,640	4,820	4,621	4,404	4,264	3,979	3,688
Missing disease	952	556	308	496	318	404	626	745	857	872	735	962	1,441	1,790	2,655
U.S.	29,959	49,869	69,342	93,255	96,456	98,546	101,024	103,293	105,625	109,353	109,462	110,916	114,657	115,104	113,136
U.S. territories	31	62	104	136	147	171	164	166	167	205	207	231	240	268	274
Puerto Rico	390	612	837	1,096	1,175	1,213	1,287	1,294	1,230	1,329	1,361	1,371	1,395	1,480	1,464
Foreign	20	40	35	41	28	38	36	24	32	37	25	27	22	27	*
Unknown	139	282	39	34	25	26	170	246	244	244	218	290	360	511	762
All	30,539	50,865	70,357	94,562	97,831	99,994	102,681	105,023	107,298	111,168	111,273	112,835	116,674	117,390	115,643

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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	2011
0-4	132	142	158	186	185	162	185	211	195	190	225	216	260	296	293
5-9	100	146	144	149	142	175	133	135	136	122	122	139	136	144	132
10-14	207	239	269	296	297	326	313	291	318	283	302	278	280	277	286
15-19	429	525	551	542	566	550	583	614	596	653	613	664	631	598	603
20-29	2,030	2,562	2,614	2,578	2,602	2,434	2,399	2,469	2,604	2,698	2,780	2,746	2,835	2,750	2,687
30-39	3,238	4,759	5,615	5,647	5,551	5,610	5,472	5,499	5,751	5,911	5,772	5,878	6,081	5,848	5,677
40-49	3,590	6,082	8,732	10,675	10,776	10,983	11,228	11,489	11,791	12,393	12,120	12,015	12,444	12,101	11,902
50-59	5,360	8,110	11,563	16,322	17,201	17,656	18,484	19,169	20,109	21,549	21,632	22,026	22,496	22,251	22,102
60-64	3,861	5,992	7,773	9,731	10,167	10,253	10,876	11,262	11,658	12,180	12,698	13,192	14,018	14,566	14,638
65-69	3,856	7,153	9,067	11,207	11,577	11,502	11,823	11,981	11,931	12,501	12,582	12,949	13,793	14,002	13,771
70-74	3,437	6,185	9,228	12,140	12,628	12,440	12,164	12,313	12,319	12,670	12,497	12,529	12,783	13,245	12,795
75-79	2,269	4,549	7,097	11,400	11,753	12,043	12,268	12,157	12,344	12,572	12,076	11,974	12,068	12,169	11,969
80-84	1,012	2,370	4,096	7,355	7,673	8,632	8,772	9,111	9,614	9,758	9,818	9,792	9,890	9,858	9,453
85+	351	946	1,759	3,860	4,242	4,623	4,928	5,169	5,466	5,750	6,077	6,352	6,732	6,755	6,504
0-19	868	1,052	1,122	1,173	1,190	1,213	1,214	1,251	1,245	1,248	1,262	1,297	1,307	1,315	1,314
20-44	6,950	10,342	12,219	12,817	12,741	12,642	12,563	12,736	13,328	13,741	13,569	13,515	13,985	13,524	13,219
45-64	11,129	17,163	24,078	32,136	33,556	34,294	35,896	37,152	38,585	40,990	41,433	42,342	43,889	43,992	43,787
65-74	7,293	13,338	18,295	23,347	24,205	23,942	23,987	24,294	24,250	25,171	25,079	25,478	26,576	27,247	26,566
75+	3,632	7,865	12,952	22,615	23,668	25,298	25,968	26,437	27,424	28,080	27,971	28,118	28,690	28,782	27,926
Male	16,184	26,676	36,155	49,170	51,148	52,785	53,870	56,169	58,130	60,975	61,254	62,449	64,855	65,387	64,493
Female	13,688	23,084	32,511	42,918	44,212	44,604	45,758	45,701	46,702	48,255	48,060	48,301	49,592	49,473	48,319
White	20,375	33,141	44,086	61,071	63,144	64,211	65,413	67,623	69,236	72,131	71,718	72,679	75,091	75,727	74,311
Black/Af Am	8,620	14,818	21,482	26,664	27,689	28,557	29,438	29,262	30,337	31,314	31,502	31,844	32,574	32,169	31,578
Native American	305	606	885	1,204	1,176	1,148	1,141	1,207	1,224	1,209	1,262	1,310	1,421	1,406	1,355
Asian	572	1,195	2,213	3,149	3,351	3,473	3,636	3,778	4,035	4,576	4,832	4,917	5,361	5,558	5,568
†Hispanic				10,726	9,920	10,555	11,090	11,491	12,160	13,463	13,756	14,280	14,868	15,370	15,637
†Non-Hispanic				81,362	85,440	86,834	88,538	90,379	92,672	95,767	95,558	96,470	99,579	99,490	97,175
Diabetes	8,514	17,707	28,442	41,126	42,786	43,029	44,072	45,195	46,190	48,419	48,036	48,655	50,134	50,621	49,603
Hypertension	8,148	15,199	18,538	24,714	25,934	26,891	28,050	28,249	28,716	29,664	30,594	31,345	32,640	32,730	31,831
Glomerulonephritis	4,997	6,916	8,112	8,448	8,405	8,481	8,184	8,316	8,043	7,906	7,497	7,412	7,562	7,368	7,215
Cystic kidney	1,207	1,552	1,898	2,144	2,217	2,200	2,250	2,289	2,483	2,635	2,624	2,670	2,653	2,618	2,502
Other urologic	1,152	1,258	1,972	2,661	2,709	2,862	2,753	2,803	2,119	1,634	1,514	1,540	1,559	1,549	1,460
Other cause	3,499	4,811	7,036	8,929	9,159	9,730	9,981	10,590	12,139	13,591	13,979	14,127	14,666	14,859	14,808
Unknown cause	1,484	1,844	2,400	3,637	3,867	3,840	3,886	3,957	4,575	4,784	4,583	4,360	4,233	3,940	3,656
Missing disease	871	473	268	429	283	356	452	471	567	597	487	641	1,000	1,175	1,737
All	29,872	49,760	68,666	92,088	95,360	97,389	99,628	101,870	104,832	109,230	109,314	110,750	114,447	114,860	112,812
Patients dropped	667	1,105	1,691	2,474	2,471	2,605	3,053	3,153	2,466	1,938	1,959	2,085	2,227	2,530	2,831

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	2011
0-4	7.4	7.5	8.1	9.7	9.6	8.3	9.4	10.7	9.8	9.5	11.2	10.7	12.8	14.7	14.5
5-9	6.0	8.1	7.4	7.3	7.0	8.8	6.8	6.9	7.0	6.2	6.2	7.0	6.7	7.1	6.5
10-14	12.2	13.9	14.0	14.3	14.2	15.3	14.6	13.6	15.0	13.5	14.5	13.4	13.6	13.4	13.8
15-19	22.9	29.5	30.0	26.7	27.7	26.7	28.0	29.1	27.7	29.9	27.8	29.9	28.4	27.2	27.9
20-29	47.3	63.4	68.8	67.1	67.5	62.5	60.9	61.8	64.3	65.6	66.8	65.3	66.8	64.2	61.9
30-39	86.1	113.5	125.2	130.8	129.4	132.3	131.1	134.0	141.9	146.9	143.8	146.5	151.4	145.7	141.6
40-49	139.7	192.3	230.7	249.8	247.6	248.8	251.7	255.4	261.3	275.3	271.6	271.9	283.8	277.9	275.6
50-59	242.7	371.1	461.8	520.7	526.7	521.1	529.4	529.9	535.1	553.0	546.3	544.5	544.9	528.0	516.2
60-64	354.0	564.0	766.7	895.8	913.0	886.9	891.9	886.9	887.3	900.0	865.4	859.8	869.3	857.4	822.1
65-69	412.7	709.7	908.8	1,176.7	1,210.7	1,193.3	1,202.6	1,189.4	1,160.8	1,184.6	1,146.9	1,116.8	1,140.6	1,118.3	1,069.7
70-74	457.3	770.7	1,038.1	1,370.2	1,431.4	1,421.7	1,403.0	1,432.7	1,431.9	1,464.8	1,431.7	1,406.0	1,398.5	1,418.8	1,331.7
75-79	411.7	740.0	1,058.0	1,532.5	1,576.4	1,612.1	1,636.2	1,629.3	1,653.9	1,688.2	1,631.8	1,630.1	1,654.3	1,662.7	1,619.9
80-84	299.5	602.0	907.3	1,475.6	1,493.3	1,630.4	1,624.9	1,648.0	1,713.4	1,727.7	1,726.4	1,708.8	1,726.7	1,711.9	1,633.6
85+	131.6	309.2	477.9	905.6	983.7	1,058.2	1,103.4	1,137.1	1,164.6	1,181.7	1,205.9	1,222.5	1,254.3	1,218.4	1,133.7
0-19	12.4	14.6	14.6	14.6	14.7	14.9	14.9	15.3	15.2	15.2	15.3	15.6	15.7	15.8	15.9
20-44	73.4	103.3	118.6	123.1	122.2	121.3	120.8	122.6	128.5	132.5	131.0	130.5	135.0	130.2	126.4
45-64	249.6	370.6	456.0	514.8	520.3	514.2	521.5	523.7	527.6	545.0	537.6	538.6	546.7	538.0	529.0
65-74	432.6	736.7	969.7	1,270.0	1,316.6	1,302.0	1,296.5	1,301.4	1,284.3	1,310.8	1,273.1	1,242.5	1,251.6	1,246.7	1,181.7
75+	314.3	598.4	869.1	1,355.4	1,400.0	1,476.5	1,495.6	1,507.6	1,543.4	1,563.4	1,543.1	1,538.9	1,560.1	1,545.6	1,476.6
Male	139.8	219.2	277.7	355.2	365.6	373.8	378.2	390.5	400.4	415.8	413.7	417.7	430.1	429.9	420.7
Female	112.0	180.5	238.9	298.6	304.7	304.7	309.8	306.8	310.7	318.0	313.8	312.4	318.0	314.6	305.2
White	100.9	158.3	200.0	264.9	271.9	274.7	278.2	285.7	290.7	300.8	297.1	299.1	307.3	308.1	300.7
Black/Af Am	301.7	483.5	634.7	726.0	743.3	756.5	770.4	755.4	772.3	785.7	778.8	775.8	782.4	762.3	739.9
Native American	177.5	294.4	362.4	402.2	379.7	358.5	344.5	352.0	344.4	327.8	329.5	328.8	343.1	328.7	311.7
Asian	102.0	158.3	230.4	264.8	269.6	268.1	270.1	270.5	278.4	304.5	310.6	305.5	322.8	325.2	318.7
†Hispanic				300.8	267.1	273.3	276.9	276.9	282.6	301.8	297.8	298.8	301.4	302.6	300.5
†Non-Hispanic				330.1	344.8	348.7	354.1	359.6	367.0	377.4	374.7	376.4	386.8	384.8	374.4
Diabetes	35.8	70.9	106.8	145.8	150.1	149.6	151.9	154.4	156.3	162.3	159.5	160.0	163.4	163.6	159.2
Hypertension	34.2	60.9	69.6	87.6	91.0	93.5	96.7	96.5	97.2	99.4	101.6	103.1	106.4	105.8	102.2
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	24.7	23.8	23.2
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	8.5	8.0
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	4.7
Other cause	14.7	19.3	26.4	31.6	32.1	33.8	34.4	36.2	41.1	45.5	46.4	46.5	47.8	48.0	47.5
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	11.7
Missing disease	3.7	1.9	1.0	1.5	1.0	1.2	1.6	1.6	1.9	2.0	1.6	2.1	3.3	3.8	5.6
All	125.6	199.3	257.9	326.4	334.6	338.6	343.4	347.9	354.7	366.1	362.9	364.2	373.1	371.3	362.1

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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	2011
0-4	7.2	7.4	7.8	9.5	9.5	8.2	9.4	10.5	9.7	9.4	10.9	10.6	12.8	14.7	14.6
5-9	6.0	8.0	7.2	7.1	6.9	8.7	6.6	6.9	7.0	6.3	6.2	7.0	6.8	7.2	6.5
10-14	12.3	13.8	13.8	14.0	13.8	15.0	14.3	13.4	14.6	13.2	14.6	13.3	13.6	13.3	13.8
15-19	22.8	29.0	29.2	26.2	27.0	26.2	27.2	28.0	26.8	29.0	27.0	29.2	28.1	26.8	27.6
20-29	48.0	63.2	67.8	66.2	67.0	62.1	60.6	61.5	63.5	64.5	65.4	63.8	65.2	62.8	60.3
30-39	92.2	119.2	129.2	131.8	130.2	133.0	131.4	134.0	141.8	146.1	142.5	144.8	149.3	143.6	140.2
40-49	155.7	216.6	255.3	265.7	261.5	261.5	262.4	264.7	268.6	281.2	275.8	274.7	285.5	278.9	276.2
50-59	276.1	421.1	530.8	591.5	595.2	581.0	585.9	581.7	581.3	595.7	585.5	580.9	577.0	555.9	540.6
60-64	416.3	646.9	862.2	981.8	1,008.7	976.7	983.9	977.8	978.2	988.0	949.4	939.0	943.4	926.0	882.3
65-69	477.3	829.6	1,033.1	1,302.5	1,332.9	1,309.4	1,320.1	1,301.5	1,269.5	1,290.6	1,254.7	1,224.3	1,252.2	1,222.8	1,163.8
70-74	532.5	899.2	1,223.2	1,548.0	1,603.2	1,603.3	1,570.9	1,578.9	1,571.2	1,600.9	1,573.0	1,538.0	1,538.0	1,549.3	1,449.7
75-79	486.8	893.3	1,276.3	1,772.3	1,814.0	1,856.2	1,870.0	1,841.3	1,871.4	1,890.2	1,835.9	1,826.1	1,848.1	1,846.5	1,802.8
80-84	393.8	759.1	1,142.9	1,795.9	1,784.6	1,952.5	1,927.2	1,950.4	2,017.6	2,025.9	2,013.8	1,977.9	2,010.0	1,976.0	1,885.2
85+	199.4	445.4	678.4	1,215.0	1,307.9	1,409.3	1,469.7	1,485.6	1,521.1	1,527.8	1,579.0	1,586.1	1,609.1	1,548.8	1,432.7
0-19	12.1	14.5	14.5	14.2	14.3	14.5	14.4	14.7	14.5	14.5	14.6	15.0	15.3	15.5	15.6
20-44	82.3	110.1	120.8	121.5	120.4	119.4	118.9	120.7	126.7	130.9	129.5	129.4	134.3	129.8	126.5
45-64	287.2	434.2	556.1	621.2	628.6	613.7	617.5	614.5	613.7	627.2	610.1	605.1	606.5	589.8	571.1
65-74	504.9	864.4	1,128.1	1,425.3	1,468.0	1,456.4	1,445.5	1,440.2	1,420.3	1,445.7	1,413.9	1,381.1	1,395.1	1,386.0	1,306.8
75+	360.0	699.3	1,032.5	1,594.4	1,635.5	1,739.3	1,755.6	1,759.1	1,803.4	1,814.6	1,809.6	1,796.7	1,822.4	1,790.5	1,706.9
Male	180.0	281.1	352.7	438.9	448.6	454.1	454.4	463.3	468.5	479.8	472.1	469.6	476.5	468.7	451.2
Female	127.0	200.3	261.4	310.6	314.3	310.3	312.5	306.2	306.5	311.2	303.5	298.7	300.6	293.6	281.3
White	109.7	170.0	212.3	274.2	279.8	280.0	281.0	286.2	288.4	295.9	289.1	287.8	292.4	289.7	279.8
Black/Af Am	442.1	702.6	923.9	1,046.7	1,067.6	1,073.0	1,079.9	1,045.6	1,052.9	1,058.3	1,039.1	1,022.2	1,021.1	981.7	939.8
Native American	308.1	535.5	650.4	704.8	639.8	608.1	578.1	591.3	555.6	510.3	516.3	518.7	526.6	491.2	452.5
Asian	160.0	254.1	372.9	399.1	400.2	399.0	393.9	385.8	390.9	416.0	417.1	401.3	417.6	414.6	398.5
†Hispanic				634.2	549.4	558.8	558.4	548.8	548.5	570.9	554.8	549.6	542.6	533.6	517.5
†Non-Hispanic				340.0	352.8	352.6	354.5	356.7	360.0	366.6	359.7	357.0	362.8	356.3	342.7
Diabetes	44.4	87.3	130.1	168.6	172.2	169.0	169.0	169.4	168.9	172.9	167.3	165.3	166.2	163.6	156.8
Hypertension	43.0	73.2	81.4	98.1	100.9	102.6	105.2	103.9	103.3	104.7	105.8	105.9	108.0	105.8	100.6
Glomerulonephritis	24.3	31.3	34.3	32.5	31.8	31.6	29.9	29.9	28.3	27.4	25.5	24.8	24.9	23.8	23.0
Cystic kidney	6.2	7.4	8.1	8.3	8.4	8.1	8.2	8.2	8.7	9.1	8.9	8.9	8.7	8.5	8.0
Other urologic	5.6	5.7	8.3	10.3	10.3	10.7	10.1	10.2	7.5	5.7	5.2	5.2	5.1	5.0	4.6
Other cause	16.3	21.1	29.0	34.1	34.4	36.1	36.5	38.1	43.0	47.3	47.8	47.4	48.3	48.0	47.0
Unknown cause	7.4	8.7	10.3	14.1	14.8	14.4	14.4	14.4	16.3	16.7	15.7	14.7	14.0	12.7	11.6
Missing disease	4.3	2.2	1.1	1.6	1.1	1.3	1.7	1.7	2.0	2.1	1.7	2.2	3.3	3.8	5.5
All	151.5	237.0	302.6	367.5	373.8	373.9	375.0	375.7	378.2	386.0	377.9	374.3	378.4	371.3	357.0

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	2011
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.2	1.3	1.4
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	*	0.8	*	*	*	*	*	*	*	0.6	0.5	0.5	*	*	0.9
20-29	12.6	15.6	13.8	12.8	12.3	10.4	10.5	10.6	10.7	10.6	12.0	11.8	11.6	11.8	10.2
30-39	30.1	37.4	40.7	42.4	40.6	41.4	41.5	44.6	43.8	48.2	48.3	48.4	52.0	51.4	51.9
40-49	46.4	74.7	93.6	102.4	100.9	101.7	102.4	103.7	107.2	116.9	111.7	115.1	122.3	122.6	122.3
50-59	89.5	176.4	246.2	291.3	292.0	285.1	287.2	286.1	286.4	289.9	280.1	280.6	279.6	267.8	259.4
60-64	119.6	262.7	420.0	520.6	540.8	512.4	507.0	500.2	502.9	505.6	483.1	477.2	473.9	461.7	430.3
65-69	122.0	283.6	456.2	645.7	672.9	646.0	653.4	648.8	623.3	635.4	601.4	589.1	587.0	569.4	547.5
70-74	94.5	251.8	448.2	662.6	686.6	682.3	680.0	685.9	693.9	709.6	693.4	664.3	660.7	670.0	632.4
75-79	67.1	179.3	348.4	617.9	639.3	650.7	672.3	676.4	683.5	691.3	672.3	663.8	679.6	697.1	679.8
80-84	34.9	100.6	212.4	443.0	474.3	517.0	496.8	530.3	554.4	577.9	591.5	568.7	568.8	583.3	554.0
85+	6.4	34.6	77.2	188.2	212.4	226.8	244.7	254.3	249.9	280.9	284.0	298.9	301.5	306.1	282.5
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	0.6
20-44	23.4	32.8	36.8	38.6	37.7	36.4	37.5	38.4	39.4	43.0	42.2	42.3	44.6	44.1	43.8
45-64	88.2	171.0	237.1	279.8	282.7	276.5	276.4	276.8	278.0	283.5	275.5	277.5	280.4	274.6	265.7
65-74	109.7	269.5	452.4	653.9	679.4	663.2	665.9	665.9	655.5	668.8	642.2	621.8	618.7	612.4	583.8
75+	43.7	122.0	240.2	455.8	480.2	501.3	507.8	520.9	528.2	544.5	539.0	530.2	534.7	545.5	520.8
Male	36.0	67.8	102.4	146.7	152.8	155.1	158.3	165.2	168.8	176.4	175.1	177.2	182.8	183.8	180.2
Female	35.6	73.9	111.0	144.9	147.6	144.3	145.8	143.8	144.2	148.6	144.3	143.4	144.7	144.2	138.9
White	28.6	56.1	82.9	118.5	121.2	120.5	122.7	126.2	127.4	132.5	130.5	130.4	133.4	134.5	131.3
Black/Af Am	84.0	167.9	253.6	311.6	327.4	329.3	332.1	326.6	333.4	341.2	331.8	333.8	336.6	330.4	317.6
Native American	109.4	195.3	261.7	296.3	271.8	260.1	253.3	256.0	232.4	219.1	221.9	224.7	235.7	226.3	206.3
Asian	28.0	55.4	99.8	125.0	128.9	124.0	126.0	129.0	133.0	148.7	144.7	147.6	153.8	155.5	155.1
†Hispanic				178.5	161.7	163.3	168.0	168.2	167.0	176.9	175.1	178.0	177.7	180.3	177.6
†Non-Hispanic				141.0	148.4	147.5	149.3	152.1	154.5	159.7	156.6	156.7	160.7	160.4	155.5
All	35.8	70.9	106.8	145.8	150.1	149.6	151.9	154.4	156.3	162.3	159.5	160.0	163.4	163.6	159.2
ADJUSTED															
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.2	1.3	1.4
5-9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	*	0.8	*	*	*	*	*	*	*	0.5	0.5	0.5	*	*	0.9
20-29	12.3	15.0	13.4	12.8	12.4	10.6	10.8	10.9	10.8	10.6	11.9	11.7	11.5	11.6	10.1
30-39	30.2	37.5	40.8	42.4	40.5	41.5	41.6	44.7	43.8	47.9	47.9	47.8	51.4	50.9	51.8
40-49	50.9	83.1	102.3	108.4	106.1	106.6	106.3	107.1	109.8	118.9	113.1	116.0	122.7	122.7	122.4
50-59	103.7	201.3	284.5	331.7	331.4	319.1	318.6	313.9	311.3	312.0	299.7	299.3	296.6	282.0	271.5
60-64	145.7	306.0	476.8	571.7	598.8	566.7	560.9	552.5	555.5	556.0	529.5	521.2	512.7	496.7	459.9
65-69	149.4	342.7	528.2	719.8	746.9	712.3	720.6	714.8	683.9	695.3	659.1	649.6	647.7	623.7	597.4
70-74	119.1	303.8	539.5	758.2	779.8	779.3	770.1	765.5	767.9	781.6	768.8	731.4	733.5	736.8	690.3
75-79	88.5	225.8	447.7	728.8	751.9	764.2	784.8	776.7	788.4	783.6	767.2	755.4	768.3	784.7	764.9
80-84	54.7	132.3	284.2	551.4	577.4	645.3	603.3	648.8	667.2	695.0	700.8	672.9	682.5	692.9	658.9
85+	11.9	55.8	114.9	266.5	292.2	307.9	327.8	351.2	341.0	374.3	386.7	400.2	408.5	402.8	374.4
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	0.6
20-44	25.1	33.8	36.5	37.5	36.6	35.4	36.6	37.5	38.6	42.3	41.8	42.1	44.7	44.3	44.3
45-64	103.7	202.6	294.1	343.7	349.2	336.4	333.1	329.4	328.4	330.9	316.5	315.1	313.4	302.4	287.4
65-74	134.2	323.2	533.9	739.0	763.4	745.8	745.4	740.1	725.9	738.4	713.9	690.5	690.6	680.2	643.9
75+	51.7	138.0	282.3	515.6	540.5	572.5	572.0	592.3	598.9	617.7	618.2	609.5	619.8	626.8	599.4
Male	46.3	88.2	132.8	182.9	189.3	189.4	190.3	195.9	196.7	202.4	198.1	197.1	199.9	197.5	190.5
Female	42.3	86.0	127.4	156.5	157.7	151.8	151.2	147.3	145.7	148.1	141.8	138.8	138.1	135.3	128.6
White	31.2	61.2	90.0	125.2	127.4	125.2	126.0	128.1	127.9	131.7	128.0	126.2	127.4	126.7	122.3
Black/Af Am	128.0	259.4	394.4	472.0	492.9	488.1	483.1	468.1	469.5	472.0	452.6	447.1	444.3	429.2	405.6
Native American	202.2	370.9	488.5	523.8	470.6	448.3	431.2	432.4	378.3	342.6	349.3	353.6	364.4	336.5	298.6
Asian	51.5	96.5	171.5	197.3	200.6	190.0	189.0	190.1	189.9	209.1	200.4	199.6	204.9	202.2	197.5
†Hispanic				393.8	352.2	355.1	356.8	351.9	342.8	353.0	343.5	343.2	333.8	330.4	316.9
†Non-Hispanic				148.3	154.9	151.6	151.5	152.5	152.8	156.1	150.9	148.8	150.5	148.0	141.7
All	44.4	87.3	130.1	168.6	172.2	169.0	169.0	169.4	168.9	172.9	167.3	165.3	166.2	163.6	156.8

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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	2011
0-44	2,206.1	2,599.5	2,720.0	1,876.2	1,765.3	1,718.9	1,763.6	1,652.6	1,499.5	1,584.7	1,565.5	1,521.6	1,502.1	1,468.7	1,534.6
45-64	1,579.5	3,082.9	3,930.6	3,369.4	3,235.9	3,055.5	2,967.9	2,832.2	2,733.6	2,729.4	2,540.8	2,406.0	2,346.1	2,301.8	2,270.4
65-74	1,090.8	2,737.9	4,202.4	4,380.8	4,261.7	3,993.5	3,848.5	3,730.8	3,610.6	3,590.4	3,373.3	3,217.3	3,124.9	2,967.6	2,786.0
75+	485.6	1,594.4	2,571.8	3,928.7	3,892.1	3,792.1	3,602.8	3,597.9	3,478.5	3,492.5	3,327.7	3,191.0	2,976.4	2,959.8	2,801.5
Male	1,547.3	2,848.8	3,666.3	3,466.5	3,325.8	3,229.5	3,143.8	3,153.2	3,078.8	3,142.6	3,019.8	2,837.4	2,717.0	2,633.4	2,593.3
Female	1,227.1	2,534.0	3,456.3	3,382.6	3,315.4	3,113.7	3,030.0	2,788.8	2,601.1	2,568.3	2,388.3	2,303.4	2,244.4	2,215.6	2,137.9
White	1,130.1	2,197.5	2,972.0	2,972.9	2,850.6	2,661.8	2,575.9	2,476.5	2,386.3	2,428.0	2,309.4	2,176.0	2,081.8	2,057.0	2,014.6
Black/Af Am	2,310.9	4,742.9	5,915.9	5,868.2	5,931.4	5,930.8	5,729.1	5,364.1	5,012.3	4,906.6	4,704.9	4,565.0	4,475.3	4,229.7	4,138.0
Other	3,750.0	4,100.0	3,869.3	2,707.0	2,559.2	2,734.3	2,940.8	3,333.3	2,842.1	2,639.2	2,305.6	2,339.8	2,495.4	2,448.4	2,320.5
†Hispanic				4,606.4	4,079.5	4,073.6	4,025.1	3,893.5	3,600.2	3,671.5	3,426.7	3,281.3	3,042.7	1,968.8	2,951.5
†Non-Hispanic				3,269.7	3,222.7	3,055.4	2,962.7	2,845.8	2,727.6	2,726.8	2,580.2	2,453.1	2,388.5	2,560.3	2,267.2
All	1,365.5	2,671.5	3,551.7	3,423.5	3,320.6	3,171.6	3,087.1	2,969.3	2,834.4	2,846.2	2,692.2	2,566.3	2,481.8	2,428.3	2,369.6
ADJUSTED															
0-44	2,294.9	2,785.2	2,877.8	1,918.2	1,785.8	1,711.9	1,754.3	1,643.0	1,464.1	1,541.8	1,512.2	1,494.2	1,460.5	1,399.4	1,462.4
45-64	1,703.6	3,166.2	3,767.7	3,310.7	3,204.5	3,068.5	2,958.0	2,803.5	2,704.8	2,702.6	2,527.4	2,384.7	2,333.0	2,279.3	2,244.7
65-74	1,238.8	2,894.8	4,515.5	4,475.6	4,336.8	4,094.7	3,950.2	3,885.9	3,666.9	3,644.0	3,420.2	3,269.0	3,169.7	3,018.4	2,860.2
75+	518.7	2,009.8	2,724.9	4,174.5	4,221.0	4,172.6	3,999.5	3,906.9	3,806.9	3,707.4	3,587.2	3,372.4	3,155.3	3,089.8	2,948.8
Male	1,599.2	2,924.3	3,781.7	3,608.4	3,483.7	3,396.5	3,278.3	3,273.7	3,199.2	3,243.7	3,134.9	2,960.2	2,828.9	2,700.8	2,641.4
Female	1,365.8	2,740.8	3,410.8	3,343.5	3,274.8	3,084.7	2,996.1	2,777.3	2,578.3	2,522.3	2,330.1	2,241.6	2,192.2	2,158.8	2,087.9
White	1,173.6	2,225.0	3,037.6	2,977.1	2,834.7	2,636.4	2,551.4	2,467.1	2,391.9	2,433.2	2,306.9	2,169.7	2,070.0	2,030.1	1,980.6
Black/Af Am	2,345.9	4,930.5	5,877.7	6,219.5	6,425.5	6,479.0	6,107.2	5,576.1	5,348.6	5,168.1	4,997.9	4,792.2	4,697.3	4,418.3	4,329.5
Other	3,085.1	4,971.9	4,912.1	3,106.4	2,927.4	3,066.9	3,287.5	3,646.3	3,057.5	2,861.1	2,491.4	2,530.2	2,625.1	2,546.3	2,385.3
†Hispanic				4,896.3	4,213.9	4,345.3	4,286.6	4,249.3	3,956.6	3,960.3	3,708.8	3,563.2	3,307.5	2,122.3	3,171.8
†Non-Hispanic				3,298.0	3,245.1	3,062.5	2,955.9	2,847.7	2,747.4	2,746.8	2,592.3	2,458.2	2,383.7	2,530.2	2,239.2
All	1,488.9	2,844.2	3,605.2	3,470.2	3,373.5	3,234.3	3,131.6	3,023.3	2,885.1	2,884.0	2,728.0	2,596.5	2,506.5	2,428.3	2,362.9

Table A.5

Incident rates of reported ESRD, 2009–2011 combined*per million population, by age & primary diagnosis*

	Unadjusted rates						Female	Black					Non-Hisp.
	Male			Non-Hisp.				Black					
	White	Af Am	N Am	Asian	Hisp.	White		Af Am	N Am	Asian	Hisp.		
0-4	18.0	14.0	*	23.6	11.7	11.7	19.4	11.2	7.6	*	10.5	8.2	
5-9	7.1	4.0	*	17.2	7.6	7.6	7.0	6.4	4.1	*	12.7	7.0	
10-14	13.8	15.2	*	24.0	19.3	19.3	13.3	12.5	10.6	*	19.6	17.9	
15-19	27.7	35.9	26.7	39.4	41.5	41.5	26.6	23.3	32.1	26.3	42.5	40.0	
20-29	53.8	156.2	47.2	72.5	81.0	81.0	66.8	38.5	157.0	66.2	54.1	62.6	
30-39	115.6	528.2	212.7	149.2	165.5	165.5	176.2	75.3	342.3	184.8	103.7	111.8	
40-49	236.0	1,023.3	506.0	331.6	409.9	409.9	332.1	144.4	613.2	395.3	187.0	233.5	
50-59	475.7	1,834.8	856.3	656.1	1,028.4	1,028.4	600.7	296.0	1,199.2	688.8	389.8	619.2	
60-64	771.3	2,857.3	1,270.6	1,131.4	1,649.0	1,649.0	936.9	540.8	2,029.4	1,112.4	642.2	1,178.8	
65-69	1,070.7	3,400.1	1,663.0	1,477.9	2,145.3	2,145.3	1,231.8	715.3	2,726.8	1,496.6	939.5	1,448.0	
70-74	1,424.3	3,949.9	1,549.4	1,934.8	2,453.4	2,453.4	1,602.6	890.1	3,167.9	1,891.4	1,254.4	1,663.8	
75-79	1,857.6	4,535.6	2,090.2	2,449.3	2,822.8	2,822.8	2,036.1	1,041.3	3,538.8	1,817.2	1,553.8	1,910.4	
80-84	2,120.3	4,632.8	1,932.7	2,914.2	2,943.3	2,943.3	2,268.6	1,051.0	3,351.4	1,702.6	2,020.0	1,792.9	
85+	1,878.1	3,493.7	1,600.0	2,803.2	2,603.2	2,603.2	1,970.3	674.1	2,125.2	949.7	1,658.9	1,283.4	
0-19	16.9	17.8	14.2	26.1	19.7	19.7	16.8	13.5	14.1	11.6	21.2	17.7	
20-44	105.4	434.8	181.4	139.1	153.2	153.2	154.1	69.5	299.1	157.6	92.8	102.7	
45-64	483.6	1,798.0	827.3	666.8	942.7	942.7	610.1	314.6	1,202.9	692.1	391.3	602.5	
65-74	1,220.0	3,627.3	1,618.0	1,671.7	2,273.2	2,273.2	1,388.2	791.4	2,916.9	1,659.1	1,073.8	1,540.9	
75+	1,946.2	4,338.8	1,945.3	2,668.1	2,812.9	2,812.9	2,093.1	920.8	3,067.5	1,560.5	1,723.8	1,710.9	
Diabetes	155.1	340.2	221.2	186.7	198.7	198.7	178.9	111.5	317.0	223.9	125.5	157.7	
Hypertension	94.4	324.1	37.9	94.7	72.6	72.6	134.6	61.5	238.2	33.2	65.9	47.3	
GN	26.1	47.2	26.5	40.0	22.8	22.8	31.0	15.0	32.0	21.3	30.1	15.3	
Other cause	88.0	126.0	49.1	58.6	49.3	49.3	99.4	60.5	104.5	42.0	47.6	38.0	
All	363.6	837.5	334.7	380.0	343.3	343.3	443.9	248.4	691.6	320.4	269.1	258.3	
All (age adjusted)	370.9	1,162.8	528.3	516.8	660.9	660.9	440.7	221.1	823.5	458.6	322.0	423.2	

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Table A.5 (continued)

Incident rates of reported ESRD, 2009-2011 combined*per million population, by age & primary diagnosis*

	Rates adjusted for: gender					Non-Hisp.	Race		Gender & race
	White	Black Af Am	N Am	Asian	Hisp.		Male	Female	
0-4	11.2	14.6	10.7	*	9.9	15.2	17.6	10.6	14.0
5-9	6.2	6.8	4.1	*	7.3	6.6	7.2	6.4	6.8
10-14	11.0	13.1	12.8	13.5	18.6	12.1	14.6	12.6	13.6
15-19	22.2	25.5	33.9	26.5	40.8	24.4	29.4	25.6	27.5
20-29	57.6	46.1	160.3	57.8	71.7	62.4	69.5	56.3	62.8
30-39	120.1	95.1	435.2	200.5	139.2	147.5	175.5	114.8	144.4
40-49	212.3	188.0	812.7	449.6	325.8	269.3	350.9	213.1	280.2
50-59	397.0	388.4	1,540.2	788.9	848.0	501.7	686.3	435.5	557.9
60-64	672.5	654.7	2,441.0	1,196.6	1,411.1	803.3	1,083.5	759.0	917.2
65-69	895.1	890.4	3,061.5	1,582.8	1,794.7	1,061.3	1,420.3	1,013.8	1,212.9
70-74	1,100.6	1,153.2	3,556.2	1,729.5	2,054.0	1,348.0	1,800.2	1,235.3	1,512.3
75-79	1,256.1	1,442.8	4,027.9	1,955.2	2,359.1	1,639.8	2,258.8	1,420.9	1,832.5
80-84	1,242.3	1,576.9	3,983.0	1,828.4	2,359.4	1,747.1	2,505.3	1,427.5	1,957.1
85+	786.6	1,268.3	2,800.8	1,291.4	1,936.4	1,370.8	2,150.4	930.9	1,530.2
0-19	12.9	15.0	15.4	12.8	19.2	14.6	17.2	13.8	15.5
20-44	107.9	87.4	381.6	181.5	133.1	130.7	157.4	104.4	130.2
45-64	414.7	413.3	1,607.4	820.7	878.7	527.9	715.2	469.1	589.2
65-74	984.4	1,021.8	3,308.8	1,656.2	1,924.4	1,204.7	1,610.3	1,124.5	1,362.6
75+	1,094.9	1,429.3	3,603.9	1,691.7	2,218.3	1,585.9	2,304.9	1,259.8	1,773.2
Diabetes	139.7	186.8	612.7	453.3	481.8	214.8	305.3	209.6	256.5
Hypertension	93.4	149.1	572.5	113.3	211.1	190.8	270.6	151.7	209.9
GN	18.9	26.1	52.1	36.0	29.5	30.1	40.5	21.8	31.0
Other cause	70.9	109.2	197.6	98.9	97.6	119.3	153.1	88.1	120.1
All	322.8	305.4	761.4	327.6	301.5	382.0	769.5	471.2	617.5
All (age adjusted)	284.2	287.3	980.9	490.1	531.2	353.9	465.5	291.8	368.9

Table A.7

Incidence of reported ESRD, by primary diagnosis, 2007-2011 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.	Non-Hisp.	% Tx 1st yr	% Died 1st yr
All ESRD, (reference)	573,815	100.0	64.0	1.2	50.6	48.3	56.7	65.5	28.0	4.8	14.2	85.8	4.7	21.6			
Diabetes	252,870	45.7	63.0	0.1	53.7	46.2	55.0	65.4	27.4	1.8	5.2	19.2	80.8	2.4	20.0		
Diabetes with renal manifestations, Type 2	230,351	41.7	64.0	0.1	51.3	48.6	54.9	65.1	27.6	1.9	5.4	19.7	80.3	1.6	20.5		
Diabetes with renal manifestations, Type 1	22,519	4.1	51.0	0.2	77.9	21.9	55.7	69.3	25.4	1.3	3.9	14.3	85.7	10.5	15.2		
Glomerulonephritis	37,004	6.7	54.0	3.9	66.4	29.6	61.2	67.5	23.4	1.3	7.7	13.8	86.2	14.6	10.1		
Glomerulonephritis (GN; histologically not examined)	12,369	2.2	58.0	2.1	60.4	37.5	60.3	68.5	21.4	1.1	8.9	17.2	82.8	8.8	13.0		
Focal glomerulosclerosis, focal sclerosing GN	11,851	2.1	51.0	6.4	69.4	24.2	61.1	59.0	35.2	1.1	4.6	11.3	88.7	16.3	7.1		
Membranous nephropathy	2,406	0.4	59.0	1.5	59.5	39.0	66.5	66.9	28.3	1.1	3.6	11.3	88.7	10.8	11.4		
Membranoproliferative GN type 1, diffuse MPGN	1,513	0.3	56.0	5.5	69.0	25.5	58.6	73.6	18.4	1.9	5.9	12.4	87.6	16.2	11.0		
Dense deposit disease, MPGN type 2	140	0.0	52.0	17.9	52.9	29.3	50.7	80.0	12.9	*	*	14.3	85.7	21.4	9.3		
IgA nephropathy, Berger's (by immunofluorescence)	5,044	0.9	45.0	2.7	83.7	13.5	67.2	74.2	6.5	1.9	17.2	13.9	86.1	30.2	4.4		
IgM nephropathy (by immunofluorescence)	315	0.1	47.0	4.8	72.4	22.9	62.2	73.7	12.7	*	13.3	13.3	86.7	24.1	6.3		
With lesion of rapidly progressive GN	1,165	0.2	62.0	4.5	49.5	46.0	48.6	82.1	13.1	1.3	3.3	12.8	87.2	5.2	18.1		
Post-infectious GN, SBE	586	0.1	59.0	4.3	57.5	38.2	65.0	82.1	11.9	2.4	3.4	8.9	91.1	6.3	21.5		
Other proliferative GN	1,615	0.3	58.0	4.2	60.7	35.0	53.0	78.0	16.2	1.5	4.1	13.0	87.0	10.0	15.3		
Secondary GN/vasculitis	11,629	2.1	49.0	6.2	69.0	24.8	34.0	64.4	29.6	1.1	4.8	14.5	85.5	7.4	15.8		
Lupus erythematosus (SLE nephritis)	5,497	1.0	38.0	6.8	86.4	6.8	18.4	42.8	48.9	1.0	7.2	19.0	81.0	9.1	9.9		
Henoch-Schonlein syndrome	124	0.0	38.0	25.0	53.2	21.8	64.5	86.3	*	.	*	10.5	89.5	22.6	10.5		
Scleroderma	563	0.1	58.0	*	65.9	33.2	23.8	80.5	16.2	*	2.3	8.3	91.7	2.0	36.9		
Hemolytic uremic syndrome	639	0.1	45.0	19.4	59.5	21.1	38.0	80.0	15.8	*	3.9	6.4	93.6	9.4	18.0		
Polyarteritis	287	0.1	68.0	6.6	35.5	57.8	40.4	88.5	6.6	*	*	14.6	85.4	4.5	22.0		
Wegener's granulomatosis	1,746	0.3	64.0	3.3	47.8	48.9	55.7	90.5	6.2	1.0	2.2	9.2	90.8	6.4	20.0		
Nephropathy due to heroin abuse and related drugs	185	0.0	47.0	.	95.1	*	71.9	57.8	39.5	*	*	20.0	80.0	*	18.4		
Other vasculitis and its derivatives	1,318	0.2	65.0	4.5	44.7	50.8	46.3	83.6	11.7	1.9	2.7	13.9	86.1	5.0	22.8		
Goodpasture's syndrome	629	0.1	58.0	5.7	56.8	37.5	43.7	89.2	6.7	*	3.2	7.9	92.1	4.6	14.8		
Secondary GN, other	641	0.1	58.0	2.8	62.6	34.6	59.0	71.6	24.3	*	2.8	10.3	89.7	6.2	18.3		
Interstitial nephritis/pyelonephritis	16,699	3.0	65.0	2.0	47.4	50.6	58.4	82.3	13.1	0.6	3.8	8.4	91.6	7.5	22.1		
Analgesic abuse	914	0.2	65.0	*	48.9	50.8	46.4	83.6	11.2	1.3	3.9	8.5	91.5	6.1	17.7		
Radiation nephritis	233	0.0	67.0	*	43.8	55.8	48.1	82.8	12.9	*	*	5.6	94.4	*	33.5		
Lead nephropathy	21	0.0	64.0	*	52.4	*	81.0	*	57.1	.	.	.	100.0	*	*		
Nephropathy caused by other agents	2,641	0.5	63.0	1.4	52.4	46.3	55.3	83.3	13.3	*	3.0	7.0	93.0	9.1	24.8		
Gouty nephropathy	213	0.0	64.0	.	51.2	48.8	71.4	55.4	17.8	.	26.3	10.8	89.2	8.0	22.5		
Nephrolithiasis	915	0.2	64.0	1.3	49.1	49.6	54.4	84.8	8.1	*	6.3	8.1	91.9	8.3	17.0		
Acquired obstructive uropathy	5,104	0.9	69.0	0.8	38.3	60.9	76.5	83.1	14.0	0.7	2.1	10.4	89.6	2.1	26.9		
Chronic pyelonephritis, reflux nephropathy	1,428	0.3	47.0	11.5	64.1	24.4	43.1	85.4	7.3	1.2	6.0	11.8	88.2	24.8	11.3		
Chronic interstitial nephritis	3,393	0.6	65.0	1.9	47.4	50.6	48.2	81.2	13.7	0.5	4.5	5.8	94.2	9.9	19.4		
Acute interstitial nephritis	1,464	0.3	65.0	*	48.6	51.2	50.3	79.4	17.2	*	2.7	6.4	93.6	2.0	22.8		
Urolithiasis	218	0.0	61.0	*	57.3	41.7	59.6	83.5	12.4	.	*	11.5	88.5	5.5	14.2		
Other disorders of calcium metabolism	155	0.0	60.0	*	61.3	37.4	45.8	81.9	14.2	.	*	7.7	92.3	14.2	19.4		
Hypertensive/large vessel disease	160,616	29.1	69.0	0.2	40.1	59.7	58.1	59.1	36.3	0.5	4.1	9.8	90.2	2.2	23.7		
Unspecified with renal failure	153,068	27.7	69.0	0.2	41.2	58.5	58.2	57.6	37.7	0.5	4.2	10.1	89.9	2.2	23.3		
Renal artery stenosis	4,810	0.9	76.0	0.2	16.5	83.3	51.6	89.0	8.3	0.3	2.3	4.1	95.9	1.4	31.1		
Renal artery occlusion	925	0.2	73.0	*	26.1	73.2	57.0	87.1	10.7	*	1.2	4.4	95.6	1.4	34.2		
Cholesterol emboli, renal emboli	1,813	0.3	75.0	*	14.1	85.7	64.3	92.4	5.4	*	1.9	3.7	96.3	0.8	30.3		
Cystic/hereditary/congenital diseases	18,080	3.3	51.0	12.9	67.7	19.4	56.9	79.7	13.2	0.7	6.2	11.8	88.2	29.3	5.3		
Polycystic kidneys, adult type (dominant)	12,641	2.3	54.0	0.3	76.5	23.2	54.4	80.2	13.5	0.5	5.7	9.3	90.7	26.8	5.0		
Polycystic, infantile (recessive)	256	0.0	14.0	60.9	32.8	6.3	49.6	78.1	11.7	*	9.4	16.0	84.0	37.5	9.4		
Medullary cystic disease, including nephronophthisis	295	0.1	29.0	38.0	51.5	10.5	45.1	81.0	6.8	*	11.2	13.2	86.8	51.9	4.1		
Tuberous sclerosis	196	0.0	62.0	*	56.1	41.3	45.4	82.1	15.8	*	*	8.2	91.8	6.1	20.9		
Hereditary nephritis, Alport's syndrome	782	0.1	35.0	17.3	74.3	8.4	65.1	83.0	9.2	*	6.4	13.3	86.7	37.3	1.5		
Cystinosis	93	0.0	17.0	62.4	26.9	*	49.5	89.2	*	.	*	12.9	87.1	59.1	*		
Primary oxalosis	76	0.0	43.0	22.4	60.5	17.1	55.3	90.8	*	.	*	*	92.1	38.2	*		
Fabry's disease	91	0.0	46.0	.	91.2	*	85.7	83.5	*	.	*	17.6	82.4	27.5	*		
Congenital nephrotic syndrome	330	0.1	29.0	40.9	45.8	13.3	56.7	71.5	20.0	*	7.6	18.5	81.5	31.2	9.4		
Drash syndrome, mesangial sclerosis	124	0.0	58.0	24.2	39.5	36.3	58.9	80.6	16.1	.	*	16.9	83.1	14.5	25.8		
Congenital obstruction of ureter/pelvic junction	176	0.0	31.0	29.0	58.5	12.5	63.1	79.0	15.3	*	*	14.2	85.8	19.3	6.3		
Congenital obstruction of uretrovesical junction	146	0.0	26.0	28.8	67.8	*	72.6	81.5	11.6	*	*	14.4	85.6	34.2	*		
Other congenital obstructive uropathy	1,146	0.2	23.0	44.0	43.8	12.2	72.9	78.2	13.5	1.4	6.6	17.5	82.5	31.0	6.5		
Renal hypoplasia, dysplasia, oligonephronia	983	0.2	13.0	75.9	20.9	3.3	61.4	74.8	13.3	1.6	9.8	26.1	73.9	41.5	3.5		
Prune belly syndrome	121	0.0	9.0	71.9	25.6	*	98.3	73.6	16.5	*	*	17.4	82.6	47.1	*		
Other (congenital malformation syndromes)	624	0.1	27.0	33.2	58.2	8.7	57.9	78.5	12.2	*	7.9	16.5	83.5	34.5	4.6		

Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2007–2011 combined

by detailed primary diagnosis

ROW PERCENT	Total patients	% inc.	Median age	%Age			% Male	Black				% Non-Hispanic	% Tx 1st yr	% Died 1st yr	
				0-19	20-64	65+		White	Af Am	N Am	Asian				Hispanic
Neoplasms/tumors	11,311	2.0	69.0	0.4	37.1	62.5	64.4	79.0	18.3	0.6	2.0	7.6	92.4	0.9	44.3
Renal tumor (malignant)	2,278	0.4	69.0	1.5	34.3	64.1	73.2	82.6	15.5	0.7	1.2	6.5	93.5	1.5	30.0
Urinary tract tumor (malignant)	737	0.1	73.0	*	25.2	74.6	82.1	83.3	14.8	*	*	6.6	93.4	*	50.2
Renal tumor (benign)	87	0.0	70.0	*	32.2	66.7	67.8	80.5	13.8	.	*	*	93.1	*	18.4
Urinary tract tumor (benign)	49	0.0	72.0	.	32.7	67.3	85.7	95.9	*	.	.	*	89.8	.	22.4
Renal tumor (unspecified)	264	0.0	70.0	.	32.2	67.8	66.7	78.0	17.4	*	*	8.3	91.7	*	31.4
Urinary tract tumor (unspecified)	175	0.0	73.0	.	30.3	69.7	76.6	82.9	14.3	*	*	14.3	85.7	.	42.3
Lymphoma of kidneys	178	0.0	66.0	*	45.5	53.4	74.7	81.5	13.5	*	*	8.4	91.6	*	48.9
Multiple myeloma	5,482	1.0	69.0	*	37.3	62.7	58.8	75.4	21.7	0.6	2.2	7.5	92.5	*	52.6
Other immuno prolifer. neoplasms (inc. light chain neph.)	693	0.1	69.0	*	40.0	59.9	62.3	80.4	16.2	*	2.7	5.9	94.1	*	40.1
Amyloidosis	1,368	0.2	65.0	*	46.8	53.0	59.7	82.7	15.0	*	1.7	10.0	90.0	2.9	38.2
Complications of transplanted organ	2,291	0.4	59.0	3.4	64.6	31.9	66.1	83.4	11.7	0.9	4.0	6.8	93.2	14.6	26.3
Complications of transplanted organ, unspecified	25	0.0	59.0	*	60.0	*	68.0	80.0	*	*	*	*	96.0	*	*
Complications of transplanted kidney	131	0.0	54.0	*	76.3	19.8	60.3	65.6	13.0	*	19.8	21.4	78.6	19.1	13.7
Complications of transplanted liver	954	0.2	59.0	*	71.2	27.9	62.4	86.6	9.0	*	3.6	8.5	91.5	15.1	24.7
Complications of transplanted heart	771	0.1	63.0	3.5	53.0	43.5	75.7	80.3	16.5	*	2.1	4.2	95.8	12.1	28.5
Complications of transplanted lung	250	0.0	59.0	*	70.4	28.4	58.0	90.4	7.2	.	*	*	99.2	14.4	32.0
Complications of transplanted bone marrow	107	0.0	45.0	25.2	63.6	11.2	61.7	84.1	12.1	.	*	*	93.5	16.8	30.8
Complications of transplanted pancreas	14	0.0	60.0	.	*	*	*	92.9	*	.	.	.	100.0	*	*
Complications of transplanted intestine	13	0.0	55.0	.	*	*	*	84.6	*	*	.	.	100.0	*	*
Complications of other specified transplanted organ	26	0.0	53.0	*	53.8	*	65.4	76.9	*	.	*	*	80.8	*	*
Miscellaneous conditions	34,772	6.3	63.0	1.3	51.3	47.4	60.1	73.5	23.4	0.7	2.3	8.5	91.5	4.1	35.3
Sickle cell disease/anemia	483	0.1	44.0	2.3	91.9	5.8	51.8	4.6	94.8	*	*	2.7	97.3	2.7	26.9
Sickle cell trait and other sickle cell (HbS/Hb other)	22	0.0	50.0	.	86.4	*	*	*	90.9	.	.	.	100.0	.	*
Post-partum renal failure	110	0.0	29.0	10.9	88.2	*	*	63.6	31.8	*	*	21.8	78.2	10.0	*
AIDS nephropathy	3,474	0.6	46.0	0.6	95.4	4.1	67.2	14.0	85.2	*	0.4	7.6	92.4	0.3	25.5
Traumatic or surgical loss of kidney(s)	620	0.1	66.0	2.3	44.5	53.2	67.6	83.1	14.2	*	2.3	7.4	92.6	4.0	24.7
Hepatorenal syndrome	3,216	0.6	56.0	0.3	77.5	22.2	64.9	84.0	10.8	2.1	3.1	15.5	84.5	16.8	59.0
Tubular necrosis (no recovery)	18,913	3.4	68.0	0.8	41.3	57.9	58.1	82.0	15.3	0.6	1.9	7.5	92.5	0.7	35.5
Other renal disorders	7,934	1.4	67.0	2.7	42.8	54.6	60.6	78.7	16.7	0.7	3.9	9.0	91.0	8.9	31.3
Etiology uncertain	20,958	3.8	65.0	2.8	45.2	52.0	58.9	73.0	21.4	0.8	4.7	12.8	87.2	5.8	27.4
Missing	7,585	1.4	61.0	4.1	55.0	40.9	58.6	43.5	21.5	1.9	8.5	.	100.0	20.6	22.1

Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2007–2011 combined

by detailed primary diagnosis

COLUMN PERCENT	Total patients	Counts White	Black/ Af Am	N Am	Asian	Counts Hisp.	Non-Hisp.	% White	Black/ Af Am	N Am	Asian	% Hisp.	Non-Hisp.
All ESRD, (reference)	573,815	375,952	160,869	6,871	27,704	81,210	492,605	100	100	100	100	100	100
Diabetes	252,870	165,457	69,352	4,589	13,227	48,508	204,362	46	44	69	50	62	43
Diabetes with renal manifestations, Type 2	230,351	149,855	63,622	4,292	12,356	45,278	185,073	42	41	64	46	58	39
Diabetes with renal manifestations, Type 1	22,519	15,602	5,730	297	871	3,230	19,289	4	4	4	3	4	4
Glomerulonephritis	37,004	24,965	8,660	468	2,861	5,095	31,909	7	6	7	11	7	7
Glomerulonephritis (GN; histologically not examined)	12,369	8,467	2,653	134	1,095	2,123	10,246	2	2	2	4	3	2
Focal glomerulosclerosis, focal sclerosing GN	11,851	6,989	4,177	125	549	1,339	10,512	2	3	2	2	2	2
Membranous nephropathy	2,406	1,610	680	26	87	273	2,133	0	0	0	0	0	0
Membranoproliferative GN type 1, diffuse MPGN	1,513	1,114	278	29	89	187	1,326	0	0	0	0	0	0
Dense deposit disease, MPGN type 2	140	112	18	*	*	20	120	0	0	*	*	0	0
IgA nephropathy, Berger's (by immunofluorescence)	5,044	3,743	329	97	867	700	4,344	1	0	1	3	1	1
IgM nephropathy (by immunofluorescence)	315	232	40	*	42	42	273	0	0	*	0	0	0
With lesion of rapidly progressive GN	1,165	957	153	15	38	149	1,016	0	0	0	0	0	0
Post-infectious GN, SBE	586	481	70	14	20	52	534	0	0	0	0	0	0
Other proliferative GN	1,615	1,260	262	25	66	210	1,405	0	0	0	0	0	0
Secondary GN/vasculitis	11,629	7,487	3,439	124	562	1,686	9,943	2	2	2	2	2	2
Lupus erythematosus (SLE nephritis)	5,497	2,352	2,686	53	394	1,046	4,451	1	2	1	2	1	1
Henoch-Schonlein syndrome	124	107	*	.	.	13	111	0	*	.	*	0	0
Scleroderma	563	453	91	*	13	47	516	0	0	*	0	0	0
Hemolytic uremic syndrome	639	511	101	*	25	41	598	0	0	*	0	0	0
Polyarteritis	287	254	19	*	*	42	245	0	0	*	*	0	0
Wegener's granulomatosis	1,746	1,581	108	17	39	161	1,585	0	0	0	0	0	0
Nephropathy due to heroin abuse and related drugs	185	107	73	*	*	37	148	0	0	*	*	0	0
Other vasculitis and its derivatives	1,318	1,102	154	25	36	183	1,135	0	0	0	0	0	0
Goodpasture's syndrome	629	561	42	*	20	50	579	0	0	*	0	0	0
Secondary GN, other	641	459	156	*	18	66	575	0	0	*	0	0	0
Interstitial nephritis/pyelonephritis	16,699	13,748	2,190	107	638	1,398	15,301	4	1	2	2	2	3
Analgesic abuse	914	764	102	12	36	78	836	0	0	0	0	0	0
Radiation nephritis	233	193	30	*	*	13	220	0	0	*	*	0	0
Lead nephropathy	21	*	12	.	.	.	21	*	0	.	.	.	0
Nephropathy caused by other agents	2,641	2,201	350	*	80	184	2,457	1	0	*	0	0	1
Gouty nephropathy	213	118	38	.	56	23	190	0	0	.	0	0	0
Nephrolithiasis	915	776	74	*	58	74	841	0	0	*	0	0	0
Acquired obstructive uropathy	5,104	4,242	713	34	107	530	4,574	1	1	1	0	1	1
Chronic pyelonephritis, reflux nephropathy	1,428	1,219	104	17	85	169	1,259	0	0	0	0	0	0
Chronic interstitial nephritis	3,393	2,755	466	17	153	196	3,197	1	0	0	1	0	1
Acute interstitial nephritis	1,464	1,162	252	*	40	94	1,370	0	0	*	0	0	0
Urolithiasis	218	182	27	.	*	25	193	0	0	.	*	0	0
Other disorders of calcium metabolism	155	127	22	.	*	12	143	0	0	.	*	0	0
Hypertensive/large vessel disease	160,616	94,887	58,262	788	6,556	15,725	144,891	26	37	12	25	20	31
Unspecified with renal failure	153,068	88,122	57,666	762	6,397	15,422	137,646	24	37	11	24	20	29
Renal artery stenosis	4,810	4,283	399	13	113	195	4,615	1	0	0	0	0	1
Renal artery occlusion	925	806	99	*	11	41	884	0	0	*	0	0	0
Cholesterol emboli, renal emboli	1,813	1,676	98	*	35	67	1,746	1	0	*	0	0	0
Cystic/hereditary/congenital diseases	18,080	14,415	2,388	133	1,120	2,125	15,955	4	2	2	4	3	3
Polycystic kidneys, adult type (dominant)	12,641	10,134	1,705	69	725	1,181	11,460	3	1	1	3	2	2
Polycystic, infantile (recessive)	256	200	30	*	24	41	215	0	0	*	0	0	0
Medullary cystic disease, including nephronophthisis	295	239	20	*	33	39	256	0	0	*	0	0	0
Tuberous sclerosis	196	161	31	*	*	16	180	0	0	*	*	0	0
Hereditary nephritis, Alport's syndrome	782	649	72	*	50	104	678	0	0	*	0	0	0
Cystinosis	93	83	*	.	*	12	81	0	*	.	*	0	0
Primary oxalosis	76	69	*	.	*	7	70	0	*	.	*	0	0
Fabry's disease	91	76	*	.	*	16	75	0	*	.	*	0	0
Congenital nephrotic syndrome	330	236	66	*	25	61	269	0	0	*	0	0	0
Drash syndrome, mesangial sclerosis	124	100	20	.	*	21	103	0	0	.	*	0	0
Congenital obstruction of ureteropelvic junction	176	139	27	*	*	25	151	0	0	*	*	0	0
Congenital obstruction of ureterovesical junction	146	119	17	*	*	21	125	0	0	*	*	0	0
Other congenital obstructive uropathy	1,146	896	155	16	76	201	945	0	0	0	0	0	0
Renal hypoplasia, dysplasia, oligonephronia	983	735	131	16	96	257	726	0	0	0	0	0	0
Prune belly syndrome	121	89	20	*	*	21	100	0	0	*	*	0	0
Other (congenital malformation syndromes)	624	490	76	*	49	103	521	0	0	*	0	0	0

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Table A.7 (continued)

Incidence of reported ESRD, by primary diagnosis, 2007–2011 combined

by detailed primary diagnosis

COLUMN PERCENT	Total	Counts	Black/			Counts	Non-	%	Black/			%	Non-
	patients	White	Af Am	N Am	Asian	Hisp.	Hisp.	White	Af Am	N Am	Asian	Hisp.	Hisp.
Neoplasms/tumors	11,311	8,933	2,075	71	223	857	10,454	3	1	1	1	1	2
Renal tumor (malignant)	2,278	1,882	352	16	28	147	2,131	1	0	0	0	0	0
Urinary tract tumor (malignant)	737	614	109	*	*	49	688	0	0	*	*	0	0
Renal tumor (benign)	87	70	12	.	.	*	81	0	0	.	*	*	0
Urinary tract tumor (benign)	49	47	*	.	.	*	44	0	*	.	.	*	0
Renal tumor (unspecified)	264	206	46	*	*	22	242	0	0	*	*	0	0
Urinary tract tumor (unspecified)	175	145	25	*	*	25	150	0	0	*	*	0	0
Lymphoma of kidneys	178	145	24	*	*	15	163	0	0	*	*	0	0
Multiple myeloma	5,482	4,136	1,188	33	121	410	5,072	1	1	1	1	1	1
Other immuno prolif. neoplasms (inc. light chain neph.)	693	557	112	*	19	41	652	0	0	*	0	0	0
Amyloidosis	1,368	1,131	205	*	23	137	1,231	0	0	*	0	0	0
Complications of transplanted organ	2,291	1,911	268	21	91	156	2,135	1	0	0	0	0	1
Complications of transplanted organ, unspecified	25	20	*	*	*	*	24	0	*	*	*	*	0
Complications of transplanted kidney	131	86	17	*	26	28	103	0	0	*	0	0	0
Complications of transplanted liver	954	826	86	*	34	81	873	0	0	*	0	0	0
Complications of transplanted heart	771	619	127	*	16	32	739	0	0	*	0	0	0
Complications of transplanted lung	250	226	18	.	*	*	248	0	0	.	*	*	0
Complications of transplanted bone marrow	107	90	13	.	*	*	100	0	0	.	*	*	0
Complications of transplanted pancreas	14	13	*	.	.	.	14	0	*	.	.	.	0
Complications of transplanted intestine	13	11	*	.	.	.	13	0	*	*	.	.	0
Complications of other specified transplanted organ	26	20	*	.	*	*	21	0	*	.	*	*	0
Miscellaneous conditions	34,772	25,558	8,129	252	801	2,973	31,799	7	5	4	3	4	7
Sickle cell disease/anemia	483	22	458	*	*	13	470	0	0	*	*	0	0
Sickle cell trait and other sickle cell (HbS/Hb other)	22	*	20	.	.	.	22	*	0	.	.	.	0
Post-partum renal failure	110	70	35	*	*	24	86	0	0	*	*	0	0
AIDS nephropathy	3,474	486	2,959	*	15	263	3,211	0	2	*	0	0	1
Traumatic or surgical loss of kidney(s)	620	515	88	*	14	46	574	0	0	*	0	0	0
Hepatorenal syndrome	3,216	2,701	347	66	99	497	2,719	1	0	1	0	1	1
Tubular necrosis (no recovery)	18,913	15,516	2,900	122	359	1,417	17,496	4	2	2	1	2	4
Other renal disorders	7,934	6,246	1,322	54	309	713	7,221	2	1	1	1	1	2
Etiology uncertain	20,958	15,294	4,478	176	984	2,687	18,271	4	3	3	4	3	4
Missing	7,585	3,297	1,628	142	641	.	7,585	1	1	2	2	.	2

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

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	336	409	476	487	489	484	536	555	536	589	601	690	790	900
5-9	712	815	898	926	944	972	1,002	1,017	1,026	1,016	1,037	1,068	1,126	1,125
10-14	1,170	1,537	1,795	1,826	1,923	1,891	1,891	1,876	1,915	1,878	1,904	1,902	1,889	1,954
15-19	2,401	2,878	3,307	3,397	3,468	3,645	3,786	3,924	3,991	4,113	4,083	4,059	4,004	4,004
20-29	13,680	15,626	16,789	16,816	16,796	16,880	17,145	17,475	17,826	18,182	18,671	19,023	19,220	19,389
30-39	28,015	37,142	41,640	42,083	42,465	42,665	42,659	43,003	43,467	43,789	44,016	44,316	44,493	44,331
40-49	31,984	52,368	69,032	71,497	73,795	75,969	78,251	79,847	82,045	83,391	84,999	86,958	88,785	90,316
50-59	33,165	53,417	82,637	88,976	94,391	100,003	106,265	113,343	119,072	123,793	128,629	133,314	137,858	142,091
60-64	19,660	28,975	40,360	42,817	45,906	49,122	51,944	54,703	58,714	63,767	68,604	74,056	79,699	83,432
65-69	19,836	30,690	40,199	42,423	44,198	46,247	48,394	50,411	53,497	57,000	60,494	64,137	67,321	71,979
70-74	15,699	27,776	37,406	38,927	40,406	41,620	43,074	44,365	46,393	48,349	50,633	52,881	55,620	58,392
75-79	10,640	19,428	30,486	31,945	33,583	34,751	35,836	37,057	38,075	39,164	40,098	41,582	43,529	45,144
80-84	5,322	10,589	17,738	19,465	21,326	22,925	24,221	25,467	26,353	27,389	28,418	29,570	30,732	31,194
85+	1,986	4,465	8,626	9,581	10,600	11,688	12,876	14,119	15,428	16,578	17,984	19,477	20,751	21,646
Unknown	*	*	.	.	.	.	.	.	*	*	*	*	*	*
0-19	4,619	5,639	6,476	6,636	6,824	6,992	7,215	7,372	7,468	7,596	7,625	7,719	7,809	7,983
20-44	58,254	77,662	89,866	91,266	92,255	93,227	94,365	95,602	97,061	98,197	99,211	100,268	101,461	102,509
45-64	68,250	109,866	160,592	170,923	181,098	191,412	201,899	212,769	224,063	234,725	245,708	257,399	268,594	277,050
65-74	35,535	58,466	77,605	81,350	84,604	87,867	91,468	94,776	99,890	105,349	111,127	117,018	122,941	130,371
75+	17,948	34,482	56,850	60,991	65,509	69,364	72,933	76,643	79,856	83,131	86,500	90,629	95,012	97,984
Unknown	*	*	.	.	.	.	.	.	*	*	*	*	*	*
Male	99,481	154,074	214,032	225,660	237,347	248,212	259,925	271,806	284,931	297,590	310,562	324,318	338,327	350,678
Female	85,130	132,041	177,357	185,506	192,943	200,650	207,955	215,354	223,407	231,408	239,610	248,715	257,486	265,216
Unknown	*	*	.	.	.	.	.	*	*	*	*	*	*	*
White	119,462	177,765	239,754	252,050	263,280	273,984	285,744	297,638	310,784	322,962	335,251	348,376	361,209	371,838
Black/Af Am	57,489	92,862	126,454	131,985	137,930	143,677	148,553	154,305	160,826	167,492	174,366	181,612	188,684	195,210
Native American	2,196	3,811	5,414	5,709	5,906	6,081	6,333	6,560	6,806	7,117	7,350	7,701	8,096	8,437
Asian	4,787	10,010	15,763	17,018	18,291	19,539	20,825	22,176	23,993	25,937	28,012	30,334	32,841	35,083
Other	440	1,236	3,700	4,115	4,592	5,262	5,885	5,755	5,116	4,675	4,316	4,031	3,836	3,730
Unknown	237	432	304	289	291	319	540	728	814	816	878	982	1,152	1,601
†Hispanic			47,948	51,671	55,701	59,840	64,045	68,119	72,774	77,813	82,905	88,081	93,633	98,929
†Non-Hispanic			343,441	359,495	374,589	389,022	403,835	419,043	435,565	451,186	467,268	484,955	502,185	516,970
Diabetes	47,707	90,196	139,280	148,349	156,534	164,373	172,497	180,341	189,158	197,771	206,614	216,041	225,344	232,984
Hypertension	47,527	74,608	95,940	100,508	105,185	110,253	114,770	119,094	123,664	129,046	134,725	141,346	147,757	153,310
Glomerulonephritis	40,170	55,433	69,059	71,189	73,304	75,037	77,135	78,835	80,505	81,908	83,521	85,084	86,627	88,256
Cystic kidney	10,016	13,996	18,086	18,887	19,707	20,587	21,480	22,550	23,744	24,867	26,152	27,301	28,370	29,318
Other urologic	6,161	8,417	11,799	12,343	12,930	13,354	13,695	13,508	13,321	13,083	13,061	13,107	13,220	13,167
Other cause	21,490	30,748	40,067	41,755	43,558	45,208	47,237	50,351	53,915	57,127	59,948	62,763	65,630	68,116
Unknown cause	8,214	10,175	13,994	14,862	15,633	16,342	17,003	18,054	19,244	20,215	20,850	21,388	21,922	22,095
Missing disease	3,326	2,543	3,164	3,273	3,439	3,708	4,063	4,429	4,788	4,982	5,302	6,006	6,948	8,653
U.S.	181,105	281,490	385,851	405,447	424,328	442,576	461,143	480,081	500,753	521,013	541,733	564,102	586,160	605,368
U.S territories	168	346	564	595	650	672	697	700	759	819	884	924	1,007	1,082
Puerto Rico	2,175	3,152	3,930	4,076	4,236	4,387	4,599	4,780	5,079	5,328	5,579	5,841	6,135	6,376
Foreign	138	274	338	343	358	368	376	375	373	369	362	350	345	311
Unknown	1,025	854	706	705	718	859	1,065	1,226	1,375	1,470	1,615	1,819	2,171	2,762
All	184,611	286,116	391,389	411,166	430,290	448,862	467,880	487,162	508,339	528,999	550,173	573,036	595,818	615,899
Total lost-to-followup	6,943	8,010	9,929	10,482	11,019	11,760	12,530	13,361	14,323	15,369	16,622	18,155	19,794	21,708
Recovery of renal function	2,066	4,568	8,111	9,156	10,351	11,600	13,069		16,447	18,455	20,542	22,934	25,148	26,870
All with lost-to-followup & recovery of renal function	193,620	298,694	409,429	430,804	451,660	472,222	493,479	515,242	539,109	562,823	587,337	614,125	640,760	664,477

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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*

	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	324	397	460	464	457	448	492	512	502	555	571	653	753	856
5-9	693	790	867	888	910	932	951	968	968	954	963	992	1,049	1,047
10-14	1,143	1,496	1,749	1,777	1,866	1,818	1,802	1,780	1,809	1,776	1,818	1,813	1,790	1,839
15-19	2,327	2,797	3,219	3,304	3,348	3,516	3,640	3,766	3,840	3,956	3,911	3,891	3,813	3,794
20-29	13,374	15,288	16,319	16,335	16,259	16,274	16,445	16,739	17,123	17,535	18,037	18,407	18,595	18,745
30-39	27,386	36,432	40,719	41,087	41,380	41,450	41,337	41,678	42,138	42,428	42,698	43,015	43,160	42,959
40-49	31,161	51,234	67,569	69,978	72,214	74,239	76,334	77,844	80,032	81,392	82,960	84,883	86,622	88,070
50-59	32,313	52,042	80,515	86,721	92,001	97,382	103,408	110,424	116,201	120,960	125,801	130,438	134,820	138,819
60-64	19,220	28,239	39,271	41,652	44,678	47,789	50,510	53,235	57,223	62,210	67,005	72,390	77,948	81,566
65-69	19,536	30,137	39,261	41,433	43,149	45,124	47,170	49,111	52,234	55,729	59,165	62,784	65,875	70,423
70-74	15,485	27,383	36,705	38,191	39,576	40,748	42,133	43,434	45,433	47,366	49,617	51,794	54,481	57,205
75-79	10,492	19,200	30,037	31,430	33,058	34,150	35,204	36,416	37,454	38,542	39,449	40,873	42,825	44,382
80-84	5,243	10,447	17,530	19,233	21,066	22,628	23,895	25,114	25,979	27,018	28,033	29,181	30,318	30,744
85+	1,953	4,411	8,513	9,463	10,465	11,550	12,710	13,957	15,248	16,391	17,778	19,250	20,506	21,352
0-19	4,487	5,480	6,295	6,433	6,581	6,714	6,885	7,026	7,119	7,241	7,263	7,349	7,405	7,536
20-44	56,909	76,083	87,853	89,130	89,920	90,618	91,463	92,624	94,137	95,311	96,355	97,433	98,559	99,452
45-64	66,545	107,152	156,540	166,643	176,612	186,516	196,571	207,296	218,580	229,214	240,146	251,700	262,586	270,707
65-74	35,021	57,520	75,966	79,624	82,725	85,872	89,303	92,545	97,667	103,095	108,782	114,578	120,356	127,628
75+	17,688	34,058	56,080	60,126	64,589	68,328	71,809	75,487	78,681	81,951	85,260	89,304	93,649	96,478
Male	97,149	150,647	208,847	220,107	231,342	241,622	252,733	264,389	277,542	290,165	303,005	316,567	330,174	342,036
Female	83,501	129,646	173,887	181,849	189,085	196,426	203,298	210,589	218,642	226,647	234,801	243,797	252,381	259,765
White	117,039	174,638	236,254	248,418	259,538	270,037	281,658	293,326	306,118	318,019	330,006	342,836	355,406	365,828
Black/Af Am	56,922	92,257	125,858	131,382	137,302	143,038	147,884	153,589	160,018	166,607	173,429	180,629	187,596	194,032
Native American	2,174	3,788	5,395	5,691	5,888	6,061	6,315	6,538	6,773	7,073	7,297	7,625	7,992	8,302
Asian	4,515	9,610	15,227	16,465	17,699	18,912	20,174	21,525	23,275	25,113	27,074	29,274	31,561	33,639
†Hispanic			42,377	45,631	49,133	52,628	56,228	60,099	64,812	69,862	74,911	80,014	85,390	90,584
†Non-Hispanic			340,357	356,325	371,294	385,420	399,803	414,879	431,372	446,950	462,895	480,350	497,165	511,217
Diabetes	46,675	88,287	135,870	144,674	152,590	160,006	167,804	175,598	184,544	193,173	201,967	211,356	220,517	228,114
Hypertension	46,876	73,569	94,528	99,001	103,547	108,427	112,767	117,048	121,676	127,096	132,796	139,397	145,811	151,317
Glomerulonephritis	39,313	54,304	67,502	69,563	71,573	73,210	75,177	76,844	78,518		81,546	83,140	84,687	86,307
Cystic kidney	9,906	13,805	17,828	18,613	19,416	20,270	21,122	22,180	23,373	24,494	25,780	26,928	27,996	28,932
Other urologic	6,003	8,229	11,557	12,089	12,658	13,084	13,421	13,225	13,026	12,792	12,772	12,818	12,916	12,868
Other cause	21,253	30,338	39,483	41,117	42,857	44,479	46,423	49,522	53,075	56,270	59,087	61,882	64,718	67,183
Unknown cause	7,901	9,807	13,492	14,316	15,063	15,709	16,309	17,375	18,588	19,573	20,222	20,777	21,325	21,512
Missing disease	2,723	1,954	2,474	2,583	2,723	2,863	3,008	3,186	3,384	3,477	3,636	4,066	4,585	5,568
All	180,650	280,293	382,734	401,956	420,427	438,048	456,031	474,978	496,184	516,812	537,806	560,364	582,555	601,801
Patients dropped	3,961	5,823	8,655	9,210	9,863	10,814	11,849	12,184	12,155	12,187	12,367	12,672	13,263	14,098

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	2011
0-4	15.0	17.0	20.3	23.9	24.0	23.4	22.8	24.8	25.7	25.1	27.5	28.2	32.3	37.3	42.5
5-9	24.7	38.1	40.2	42.7	44.3	46.1	47.7	49.0	49.7	49.3	48.1	48.0	49.0	51.6	51.5
10-14	50.3	65.4	77.4	84.1	84.1	87.4	84.9	84.6	84.3	86.4	85.5	87.9	87.7	86.5	88.8
15-19	103.5	132.8	150.0	158.0	160.9	161.7	167.8	170.9	174.0	175.0	178.7	176.2	176.2	174.8	176.7
20-29	242.4	331.9	403.8	424.0	421.5	415.3	410.4	408.8	410.1	413.8	419.0	426.7	431.5	431.0	428.7
30-39	465.0	645.8	813.3	946.3	963.4	983.5	1,001.6	1,013.7	1,032.3	1,048.7	1,057.3	1,063.8	1,071.3	1,075.6	1,071.7
40-49	666.0	966.2	1,327.0	1,566.8	1,596.6	1,627.3	1,657.1	1,694.1	1,727.1	1,785.4	1,832.6	1,884.6	1,942.8	1,997.5	2,047.3
50-59	942.7	1,469.1	2,052.6	2,516.0	2,606.6	2,674.7	2,739.9	2,804.1	2,885.0	2,958.2	3,022.1	3,078.1	3,126.9	3,173.7	3,217.0
60-64	1,117.5	1,810.9	2,789.4	3,570.2	3,670.3	3,761.6	3,839.6	3,910.0	3,991.9	4,057.4	4,145.1	4,258.7	4,372.3	4,480.5	4,477.7
65-69	1,125.9	1,942.2	3,022.7	4,114.1	4,315.8	4,432.5	4,534.1	4,635.4	4,715.0	4,853.7	4,939.5	4,995.6	5,101.8	5,188.2	5,396.2
70-74	1,090.1	1,902.3	3,085.4	4,151.7	4,346.8	4,543.7	4,720.5	4,900.0	5,035.0	5,228.7	5,370.3	5,497.1	5,606.6	5,752.0	5,870.7
75-79	929.7	1,688.3	2,821.1	4,033.4	4,211.5	4,417.1	4,565.7	4,717.5	4,884.6	5,045.2	5,227.4	5,388.9	5,593.8	5,823.6	5,978.4
80-84	618.5	1,313.5	2,287.3	3,463.5	3,687.1	3,940.1	4,141.6	4,290.1	4,461.0	4,583.8	4,732.8	4,893.1	5,081.0	5,252.1	5,300.2
85+	246.2	625.1	1,180.1	1,985.5	2,180.1	2,369.0	2,563.2	2,751.3	2,920.1	3,078.7	3,202.8	3,366.0	3,528.4	3,635.3	3,660.2
0-19	49.3	62.1	71.0	78.0	79.4	80.9	82.3	84.1	85.5	86.3	87.3	87.3	88.3	89.2	91.2
20-44	384.6	563.6	737.6	843.2	854.9	863.7	871.7	881.0	893.2	908.4	920.1	930.2	939.1	945.5	948.0
45-64	935.0	1,428.4	1,999.3	2,466.8	2,540.5	2,606.3	2,669.0	2,728.8	2,794.6	2,870.7	2,944.6	3,022.8	3,106.7	3,191.6	3,250.3
65-74	1,110.0	1,924.3	3,052.2	4,132.2	4,330.6	4,485.0	4,620.7	4,756.6	4,860.0	5,021.2	5,128.5	5,212.5	5,318.2	5,429.1	5,599.0
75+	680.7	1,326.9	2,253.9	3,338.9	3,532.7	3,744.7	3,915.8	4,068.1	4,225.5	4,360.5	4,502.9	4,651.1	4,825.7	4,990.1	5,062.4
Male	509.8	792.6	1,149.9	1,500.7	1,565.9	1,631.1	1,688.1	1,748.9	1,811.8	1,883.5	1,950.3	2,018.0	2,090.2	2,162.3	2,222.6
Female	402.8	648.6	947.5	1,204.2	1,247.8	1,286.0	1,324.3	1,358.5	1,394.4	1,434.2	1,472.8	1,512.1	1,556.8	1,599.7	1,635.4
White	360.0	556.0	788.8	1,021.1	1,066.4	1,107.1	1,144.7	1,186.3	1,227.3	1,272.3	1,313.2	1,354.3	1,398.9	1,442.2	1,476.5
Black/Af Am	1,142.6	1,838.0	2,703.0	3,402.6	3,503.6	3,615.2	3,717.8	3,790.9	3,881.6	3,985.1	4,088.5	4,195.1	4,309.3	4,420.4	4,520.9
Native American	614.5	1,038.8	1,522.3	1,771.6	1,806.7	1,807.7	1,798.1	1,808.5	1,805.6	1,801.9	1,810.4	1,796.2	1,811.5	1,853.3	1,894.4
Asian	313.8	582.3	979.2	1,252.1	1,297.3	1,340.1	1,379.0	1,417.6	1,458.1	1,521.8	1,586.7	1,655.7	1,737.4	1,826.4	1,904.6
†Hispanic				1,164.1	1,204.6	1,249.1	1,290.7	1,330.4	1,371.7	1,427.5	1,486.6	1,542.6	1,598.4	1,660.7	1,719.8
†Non-Hispanic				1,377.1	1,434.4	1,488.0	1,537.5	1,587.2	1,639.0	1,695.6	1,748.2	1,802.0	1,861.9	1,919.2	1,965.8
Diabetes	85.2	185.7	329.6	479.1	505.3	528.2	549.0	570.5	591.3	615.5	638.2	661.2	686.1	710.3	729.4
Hypertension	104.7	186.5	274.7	333.4	345.8	358.5	372.0	383.4	394.2	405.9	419.9	434.8	452.5	469.7	483.9
Glomerulonephritis	108.5	156.4	202.8	238.0	243.0	247.8	251.2	255.6	258.8	261.9	264.1	267.0	269.9	272.8	276.0
Cystic kidney	28.2	39.4	51.5	62.9	65.0	67.2	69.5	71.8	74.7	78.0	80.9	84.4	87.4	90.2	92.5
Other urologic	17.0	23.9	30.7	40.8	42.2	43.8	44.9	45.6	44.5	43.4	42.3	41.8	41.6	41.6	41.1
Other cause	58.9	84.6	113.3	139.2	143.6	148.4	152.6	157.8	166.8	177.0	185.9	193.5	200.9	208.5	214.8
Unknown cause	28.6	31.4	36.6	47.6	50.0	52.1	53.9	55.4	58.5	62.0	64.7	66.2	67.4	68.7	68.8
Missing disease	23.8	10.8	7.3	8.7	9.0	9.4	9.8	10.2	10.7	11.3	11.5	11.9	13.2	14.8	17.8
All	454.9	718.9	1,046.5	1,349.7	1,404.0	1,455.4	1,503.0	1,550.3	1,599.5	1,655.0	1,707.6	1,760.8	1,819.1	1,876.4	1,924.4

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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	2011
0-4	14.5	16.8	19.8	23.5	23.7	23.1	22.4	24.5	25.3	24.8	27.0	28.0	32.1	37.1	42.2
5-9	24.4	37.2	39.7	41.9	43.8	45.6	47.1	48.4	49.2	48.9	47.6	47.4	48.4	51.2	51.2
10-14	49.7	64.7	76.4	82.9	82.5	85.7	83.5	83.3	83.1	85.3	84.9	87.3	87.2	86.0	88.3
15-19	101.9	131.1	148.0	155.2	158.1	159.0	164.7	167.4	170.0	171.0	174.8	173.2	173.7	172.9	175.0
20-29	242.1	327.9	397.9	421.1	421.2	416.2	410.7	408.0	407.5	409.5	413.3	420.2	425.1	424.7	422.8
30-39	487.7	668.3	827.0	948.2	965.3	985.4	1,002.6	1,012.8	1,028.7	1,041.5	1,047.6	1,052.8	1,060.4	1,067.0	1,067.1
40-49	735.1	1,068.9	1,433.8	1,645.6	1,667.2	1,690.0	1,711.3	1,740.0	1,763.9	1,814.9	1,854.6	1,900.3	1,954.0	2,006.3	2,054.7
50-59	1,067.4	1,670.5	2,343.2	2,844.5	2,924.4	2,969.2	3,014.5	3,062.4	3,124.5	3,182.0	3,231.4	3,272.9	3,307.1	3,339.6	3,371.2
60-64	1,319.6	2,123.8	3,204.7	4,030.0	4,143.1	4,252.5	4,344.0	4,405.5	4,481.2	4,543.2	4,623.5	4,716.7	4,805.7	4,895.7	4,875.1
65-69	1,328.8	2,321.9	3,566.6	4,707.8	4,903.3	5,009.8	5,110.0	5,212.7	5,292.7	5,447.6	5,552.0	5,616.8	5,730.2	5,810.8	6,011.5
70-74	1,291.9	2,320.6	3,828.2	4,913.0	5,100.6	5,309.8	5,479.2	5,637.9	5,741.0	5,928.8	6,078.3	6,216.1	6,333.5	6,482.2	6,603.1
75-79	1,126.8	2,089.1	3,549.8	4,939.1	5,112.3	5,318.0	5,464.2	5,607.0	5,770.3	5,916.6	6,105.6	6,269.8	6,478.5	6,693.7	6,840.9
80-84	808.0	1,718.2	3,024.1	4,448.6	4,677.1	5,001.5	5,238.7	5,346.5	5,502.0	5,620.0	5,778.6	5,954.0	6,157.9	6,343.1	6,383.4
85+	358.3	910.8	1,724.8	2,797.0	3,064.7	3,299.0	3,544.8	3,738.7	3,941.5	4,127.9	4,284.4	4,463.7	4,646.9	4,770.0	4,796.1
0-19	47.7	62.4	71.0	75.9	77.0	78.3	79.4	80.9	81.9	82.5	83.6	84.0	85.4	86.8	89.2
20-44	421.7	588.5	738.9	827.0	838.9	848.8	857.8	868.3	882.2	899.2	913.5	927.0	939.3	948.9	955.1
45-64	1,068.8	1,663.2	2,378.5	2,903.4	2,976.1	3,032.5	3,083.3	3,127.6	3,179.9	3,235.7	3,287.4	3,343.5	3,400.6	3,456.6	3,482.8
65-74	1,310.4	2,321.3	3,697.4	4,810.4	5,001.9	5,159.8	5,294.6	5,425.3	5,516.8	5,688.2	5,815.1	5,916.5	6,031.8	6,146.5	6,307.3
75+	764.4	1,572.7	2,766.2	4,061.6	4,284.7	4,539.5	4,749.2	4,897.4	5,071.3	5,221.5	5,389.6	5,562.5	5,761.1	5,935.6	6,006.8
Male	635.8	987.4	1,416.3	1,791.9	1,854.2	1,912.1	1,958.6	2,006.3	2,054.6	2,111.1	2,160.0	2,207.3	2,256.9	2,304.2	2,338.8
Female	458.2	727.7	1,044.3	1,275.7	1,308.8	1,333.8	1,358.6	1,378.5	1,400.1	1,424.6	1,446.6	1,468.1	1,493.5	1,515.4	1,530.8
White	388.5	593.0	832.4	1,057.5	1,098.0	1,131.7	1,161.7	1,194.9	1,226.7	1,261.1	1,289.7	1,317.6	1,347.5	1,375.6	1,395.5
Black/Af Am	1,651.4	2,654.4	3,892.3	4,749.8	4,846.9	4,947.6	5,032.2	5,067.9	5,126.3	5,204.4	5,285.3	5,364.6	5,447.0	5,521.4	5,583.5
Native American	1,002.1	1,771.0	2,617.9	2,932.0	2,965.6	2,935.4	2,898.5	2,882.7	2,834.1	2,792.6	2,778.7	2,735.8	2,716.9	2,714.8	2,701.3
Asian	431.7	837.2	1,410.2	1,730.6	1,775.8	1,819.4	1,854.1	1,879.6	1,909.5	1,964.4	2,017.6	2,076.4	2,143.4	2,213.6	2,265.1
†Hispanic				2,208.2	2,268.8	2,333.2	2,383.8	2,430.2	2,475.3	2,541.7	2,612.8	2,674.3	2,724.1	2,775.5	2,817.5
†Non-Hispanic				1,419.3	1,467.0	1,507.5	1,543.7	1,579.1	1,615.6	1,655.3	1,689.2	1,723.5	1,762.2	1,797.7	1,823.5
Diabetes	104.6	227.1	398.6	556.2	580.0	597.9	612.3	627.1	640.9	657.3	670.8	683.8	697.6	710.3	718.1
Hypertension	136.2	234.0	331.3	381.1	390.6	399.5	409.6	416.5	422.5	429.4	438.3	447.7	459.3	469.7	477.0
Glomerulonephritis	122.1	174.6	223.3	255.2	258.7	262.0	263.9	266.6	267.9	269.2	269.7	270.9	271.8	272.8	274.1
Cystic kidney	34.3	47.9	61.3	71.0	72.5	74.0	75.6	77.1	79.2	81.7	83.8	86.4	88.4	90.2	91.6
Other urologic	18.9	26.4	33.3	43.3	44.6	46.1	47.0	47.5	46.0	44.6	43.1	42.4	41.9	41.6	40.9
Other cause	63.0	89.9	119.8	145.3	149.4	153.9	157.7	162.5	171.1	180.9	189.1	195.8	202.2	208.5	213.5
Unknown cause	34.2	36.9	41.8	52.0	54.2	55.9	57.3	58.5	61.3	64.3	66.6	67.5	68.1	68.7	68.1
Missing disease	28.7	12.4	7.9	9.2	9.5	9.9	10.3	10.7	11.1	11.7	11.8	12.2	13.3	14.8	17.6
All	542.1	849.3	1,217.3	1,513.3	1,559.4	1,599.2	1,633.7	1,666.3	1,700.0	1,739.1	1,773.2	1,806.6	1,842.7	1,876.4	1,900.9



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	2011
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.9	3.7	5.0
5-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	1.2	1.5	1.6	1.4	1.2	1.0	1.0	0.8	0.8	0.9	0.9	0.9	0.9	0.8	1.4
20-29	28.1	41.1	40.2	34.0	33.3	30.3	28.3	27.2	26.2	25.6	27.1	28.5	28.4	27.6	26.0
30-39	99.3	155.4	198.2	213.0	210.1	208.9	209.2	211.7	211.5	213.8	215.2	216.4	219.2	223.6	226.6
40-49	127.3	246.9	382.2	459.8	471.6	481.0	491.9	502.4	511.4	533.6	547.3	567.9	593.6	614.3	631.8
50-59	207.3	451.5	761.0	1,016.7	1,054.2	1,086.7	1,112.3	1,137.7	1,176.0	1,201.3	1,221.8	1,240.1	1,256.2	1,265.8	1,275.3
60-64	260.6	622.1	1,190.3	1,710.8	1,789.1	1,837.6	1,859.2	1,888.3	1,928.7	1,953.6	1,988.4	2,042.0	2,086.4	2,118.4	2,089.5
65-69	241.6	623.0	1,274.2	2,014.1	2,139.8	2,203.2	2,268.8	2,324.6	2,349.6	2,417.6	2,451.0	2,463.0	2,510.4	2,534.0	2,615.5
70-74	184.8	541.5	1,167.4	1,863.9	1,984.2	2,095.8	2,201.4	2,314.0	2,410.7	2,515.4	2,578.3	2,629.6	2,655.6	2,731.7	2,777.2
75-79	124.2	356.7	848.4	1,554.7	1,668.9	1,775.9	1,872.0	1,954.6	2,032.8	2,106.6	2,202.5	2,279.8	2,394.9	2,502.3	2,584.4
80-84	59.2	200.2	488.9	1,020.1	1,137.0	1,260.3	1,344.2	1,428.0	1,497.1	1,575.8	1,662.9	1,749.5	1,813.6	1,900.4	1,932.3
85+	11.8	64.7	178.2	403.5	456.2	520.4	569.0	644.4	697.5	758.6	820.1	873.8	926.9	987.3	1,009.7
0-19	0.5	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.8	1.2	1.7
20-44	70.0	121.6	165.2	180.8	181.8	180.7	180.8	182.9	183.6	186.4	188.7	191.1	193.2	195.8	198.1
45-64	202.7	439.1	736.4	989.8	1,026.6	1,058.3	1,083.1	1,106.7	1,137.1	1,168.8	1,198.2	1,232.3	1,269.4	1,300.7	1,317.2
65-74	216.4	586.6	1,223.9	1,941.9	2,065.4	2,152.5	2,237.5	2,319.7	2,377.3	2,461.3	2,506.8	2,535.1	2,572.7	2,618.5	2,684.7
75+	79.2	241.4	574.0	1,099.7	1,196.6	1,294.5	1,370.3	1,445.6	1,506.7	1,569.9	1,644.5	1,709.0	1,781.7	1,861.8	1,903.9
Male	86.7	180.8	321.6	485.7	517.5	547.4	574.3	603.9	633.5	666.0	697.1	728.2	760.8	792.6	819.1
Female	83.7	190.5	337.4	472.8	493.5	509.8	524.6	538.1	550.6	566.8	581.4	596.5	613.9	630.7	642.6
White	66.5	142.5	246.6	362.2	384.0	402.1	418.9	437.6	454.8	474.1	492.6	510.1	529.0	547.4	561.1
Black/Af Am	212.7	468.6	841.0	1,181.3	1,228.9	1,280.4	1,322.3	1,355.7	1,394.2	1,440.1	1,480.7	1,526.7	1,576.3	1,621.2	1,660.1
Native American	278.1	573.4	919.9	1,133.2	1,160.4	1,161.7	1,161.5	1,171.0	1,161.8	1,149.3	1,145.9	1,134.7	1,142.2	1,165.9	1,185.9
Asian	47.8	125.4	273.6	403.9	431.6	448.5	466.8	486.8	509.7	544.9	571.7	607.5	642.9	682.3	716.2
†Hispanic				555.1	580.6	606.5	630.5	653.5	671.3	700.2	731.1	763.4	795.0	829.9	859.7
†Non-Hispanic				468.0	493.8	515.9	535.7	556.5	577.5	600.4	621.2	641.9	665.0	686.5	703.1
All	85.2	185.7	329.6	479.1	505.3	528.2	549.0	570.5	591.3	615.5	638.2	661.2	686.1	710.3	729.4
ADJUSTED															
0-4	*	*	*	*	*	*	*	*	*	*	*	*	1.9	3.7	4.9
5-9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10-14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15-19	1.2	1.4	1.5	1.4	1.2	1.0	0.9	0.7	0.7	0.8	0.8	0.9	0.8	0.8	1.4
20-29	27.2	39.4	38.8	34.2	34.0	31.2	29.0	27.7	26.4	25.6	26.8	28.1	28.1	27.4	25.9
30-39	98.6	155.1	196.5	210.4	208.4	208.1	208.9	211.2	210.5	212.2	213.2	214.4	217.8	223.1	227.6
40-49	136.9	265.5	404.7	476.4	486.1	493.8	502.8	511.6	518.2	538.5	550.6	569.6	594.1	614.9	633.2
50-59	243.5	526.5	884.2	1,166.5	1,198.5	1,219.2	1,233.1	1,248.7	1,277.7	1,296.4	1,310.2	1,321.7	1,332.3	1,334.1	1,337.0
60-64	325.4	756.5	1,396.2	1,953.0	2,043.5	2,099.0	2,124.8	2,145.5	2,181.8	2,200.5	2,227.2	2,268.6	2,295.1	2,315.4	2,274.4
65-69	309.3	778.0	1,540.3	2,336.0	2,458.3	2,514.7	2,583.7	2,643.9	2,665.3	2,742.2	2,782.4	2,796.8	2,846.8	2,858.3	2,929.9
70-74	235.6	693.0	1,493.5	2,255.5	2,375.8	2,499.4	2,599.3	2,703.8	2,786.9	2,888.2	2,956.5	3,010.9	3,040.5	3,119.3	3,161.5
75-79	174.9	467.2	1,125.1	1,959.2	2,087.7	2,200.8	2,299.6	2,383.9	2,467.1	2,525.5	2,632.8	2,707.4	2,823.6	2,917.9	2,995.8
80-84	94.9	283.7	691.2	1,366.5	1,496.7	1,658.1	1,764.3	1,847.2	1,916.6	2,005.7	2,091.7	2,197.1	2,265.6	2,364.9	2,396.2
85+	17.9	97.3	271.0	586.7	671.5	748.7	810.7	910.3	982.4	1,059.8	1,140.3	1,207.9	1,271.3	1,339.5	1,374.7
0-19	0.5	0.6	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.7	1.2	1.7
20-44	74.6	123.1	159.9	172.2	173.7	173.5	174.4	177.3	179.1	183.2	186.9	190.9	194.5	198.4	202.0
45-64	241.2	528.5	911.2	1,216.8	1,257.2	1,284.1	1,300.1	1,314.3	1,338.0	1,357.6	1,373.6	1,395.3	1,416.7	1,430.6	1,427.9
65-74	272.4	735.5	1,516.9	2,295.8	2,417.0	2,507.1	2,591.5	2,673.9	2,726.1	2,815.2	2,869.5	2,903.9	2,943.7	2,988.8	3,045.7
75+	95.9	282.8	695.8	1,304.2	1,418.6	1,535.8	1,624.9	1,713.8	1,788.7	1,863.6	1,954.9	2,037.5	2,120.2	2,207.4	2,255.6
Male	109.3	230.5	409.2	599.0	632.1	660.1	682.8	708.3	732.2	758.2	781.4	802.9	824.7	845.0	859.9
Female	99.3	222.3	386.6	516.5	532.6	541.9	549.3	555.4	560.7	568.7	574.4	580.3	587.7	593.8	595.7
White	71.8	152.8	264.2	381.9	402.2	417.3	430.5	445.4	458.5	472.6	485.1	496.0	507.6	518.7	525.5
Black/Af Am	325.4	729.7	1,313.5	1,796.6	1,848.8	1,897.9	1,929.9	1,946.7	1,971.6	2,003.1	2,028.0	2,056.5	2,085.0	2,105.9	2,120.5
Native American	517.5	1,078.1	1,724.8	2,018.0	2,044.2	2,018.1	1,997.4	1,986.6	1,937.1	1,883.0	1,857.0	1,819.7	1,793.6	1,777.7	1,753.2
Asian	83.9	215.2	455.1	627.3	662.8	678.8	694.3	710.4	729.4	766.2	786.5	818.6	848.5	880.0	901.1
†Hispanic				1,207.2	1,251.8	1,296.4	1,326.8	1,356.9	1,374.0	1,408.4	1,445.6	1,480.9	1,509.1	1,536.0	1,550.6
†Non-Hispanic				492.1	514.4	530.7	544.1	558.5	572.6	587.6	599.3	610.7	623.7	635.3	642.6
All	104.6	227.1	398.6	556.2	580.0	597.9	612.3	627.1	640.9	657.3	670.8	683.8	697.6	710.3	718.1

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	2011
0-44	6,649.2	9,697.1	12,202.1	8,787.8	8,506.1	8,516.0	8,491.7	7,863.5	6,975.5	6,856.5	6,990.0	6,856.2	6,489.5	6,513.8	6,935.7
45-64	3,632.5	7,963.0	12,391.2	12,116.9	11,950.0	11,883.0	11,806.0	11,500.4	11,341.7	11,390.4	11,162.3	10,797.4	10,719.8	10,970.5	11,323.1
65-74	2,168.6	5,990.5	11,356.5	13,010.2	12,956.7	13,000.0	12,990.3	13,070.8	13,205.7	13,384.1	13,438.1	13,349.7	13,184.4	12,871.0	12,990.0
75+	892.3	3,198.8	6,230.6	9,540.8	9,763.2	9,857.8	9,771.2	10,050.0	9,976.7	10,116.8	10,193.8	10,318.5	9,979.4	10,180.7	10,319.7
Male	3,742.9	7,649.9	11,580.3	11,541.1	11,319.0	11,443.8	11,464.2	11,579.5	11,613.6	11,923.1	12,078.6	11,712.3	11,354.9	11,400.7	11,834.0
Female	2,902.0	6,570.5	10,562.5	11,090.6	11,137.7	11,050.4	10,949.6	10,480.1	9,975.3	9,840.0	9,664.7	9,625.2	9,562.2	9,725.3	9,927.1
White	2,640.9	5,613.3	8,887.9	9,123.9	9,060.2	8,909.6	8,823.5	8,616.9	8,549.8	8,715.8	8,743.7	8,538.4	8,281.2	8,394.7	8,633.1
Black/Af Am	5,887.4	13,374.2	19,783.6	22,407.7	22,413.4	23,199.9	22,968.4	22,418.8	21,111.8	20,860.8	21,149.3	21,023.7	21,102.8	20,875.0	21,748.8
Other	8,304.4	10,860.0	12,043.6	9,535.9	9,562.3	10,883.4	11,968.7	13,701.5	12,106.3	10,974.9	10,056.5	10,402.7	11,053.7	11,355.8	11,483.9
†Hispanic				14,623.0	14,941.6	15,410.2	15,375.0	15,403.8	14,736.0	14,792.9	14,557.6	14,302.9	13,814.0	9,176.8	14,457.5
†Non-Hispanic				10,879.6	10,749.2	10,711.0	10,655.3	10,439.8	10,222.7	10,277.5	10,257.5	10,074.8	9,905.2	10,980.8	10,270.9
All	3,265.4	7,042.1	11,024.9	11,310.3	11,228.1	11,247.1	11,208.0	11,024.5	10,775.5	10,847.9	10,826.3	10,652.8	10,462.7	10,578.4	10,897.3
ADJUSTED	1985	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-44	6,906.9	10,243.2	12,898.4	9,091.0	8,791.0	8,705.7	8,654.7	7,886.7	6,906.3	6,763.1	6,876.7	6,808.6	6,365.3	6,281.4	6,636.0
45-64	3,913.8	8,213.6	11,828.5	11,828.9	11,803.0	11,937.5	11,767.9	11,384.2	11,215.4	11,270.7	11,101.8	10,701.0	10,652.8	10,847.7	11,173.8
65-74	2,424.4	6,365.1	12,393.5	13,539.4	13,358.7	13,545.4	13,551.0	13,944.8	13,556.1	13,697.5	13,639.4	13,630.1	13,454.7	13,208.8	13,531.2
75+	967.1	4,182.1	6,638.1	10,468.1	11,121.7	11,322.3	11,412.9	11,278.1	11,286.9	10,995.5	11,258.1	11,119.9	10,844.2	10,861.9	11,113.8
Male	3,834.3	7,671.4	11,983.5	12,020.3	11,898.8	12,132.7	12,057.3	12,059.4	12,044.4	12,277.1	12,482.3	12,154.7	11,821.9	11,722.7	12,105.4
Female	3,180.3	7,040.8	10,221.8	10,828.8	10,934.8	10,941.7	10,863.4	10,451.0	9,865.4	9,642.2	9,399.0	9,326.8	9,310.9	9,442.2	9,676.4
White	2,753.1	5,596.1	9,193.3	9,204.7	9,111.6	8,964.8	8,898.4	8,661.9	8,611.7	8,778.8	8,782.6	8,533.8	8,259.5	8,325.4	8,536.7
Black/Af Am	5,922.0	13,905.3	19,665.8	23,629.0	24,100.2	25,071.3	24,318.5	23,217.2	22,420.0	22,003.5	22,401.6	22,053.8	22,146.1	21,861.0	22,865.5
Other	6,914.2	12,924.7	14,890.3	10,721.0	10,839.9	12,076.6	13,284.6	14,878.0	13,006.4	11,898.0	10,749.3	11,202.3	11,629.4	11,865.9	11,783.6
†Hispanic				15,268.4	15,266.8	16,121.4	16,158.3	16,514.6	15,929.0	15,876.0	15,781.2	15,500.2	15,142.2	10,017.8	15,614.3
†Non-Hispanic				10,984.3	10,841.1	10,806.1	10,731.4	10,492.5	10,307.7	10,365.4	10,321.7	10,092.2	9,899.6	10,902.9	10,191.1
All	3,529.9	7,396.8	11,154.4	11,420.6	11,408.9	11,530.5	11,459.4	11,259.9	10,950.1	10,968.6	10,936.3	10,732.6	10,554.1	10,578.4	10,887.0

Table B.7

Prevalence of reported ESRD, by primary diagnosis, 2011

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

ROW PERCENT	Total patients	Percent prevalent	Median age	% Age			% Male	% White	Black				% Non-Hisp.
				0-19	20-64	65+			Af Am	N Am	Asian	Hisp.	
All ESRD, (reference)	615,899	100.0	60.0	1.3	61.6	37.1	56.9	60.4	31.7	1.4	5.7	16.1	83.9
Diabetes	232,648	39.1	62.0	0.1	57.2	42.8	55.4	60.9	30.8	2.2	5.7	21.1	78.9
Diabetes with renal manifestations, Type 2	200,253	33.7	64.0	0.1	52.7	47.2	55.2	58.9	32.2	2.4	6.0	22.4	77.6
Diabetes with renal manifestations, Type 1	32,395	5.4	51.0	0.1	84.9	15.1	56.5	73.0	22.2	1.2	3.2	12.9	87.1
Glomerulonephritis	84,883	14.3	52.0	1.6	77.8	20.6	60.6	63.9	25.6	1.3	8.2	15.1	84.9
Glomerulonephritis (GN; histologically not examined)	34,838	5.9	54.0	0.5	76.4	23.1	60.1	64.9	23.3	1.3	9.3	18.2	81.8
Focal glomerulosclerosis, focal sclerosing GN	24,917	4.2	50.0	3.4	78.6	18.1	60.6	54.4	39.8	0.9	4.2	11.8	88.2
Membranous nephropathy	4,239	0.7	58.0	0.7	67.7	31.6	66.6	64.9	29.8	0.9	3.7	13.2	86.8
Membranoproliferative GN type 1, diffuse MPGN	3,467	0.6	52.0	2.0	79.0	19.0	57.4	73.6	17.5	1.5	7.0	13.8	86.2
Dense deposit disease, MPGN type 2	278	0.0	44.0	10.1	74.1	15.8	49.3	78.8	14.0	*	4.7	12.6	87.4
IgA nephropathy, Berger's (by immunofluorescence)	10,557	1.8	47.0	0.7	87.4	11.9	66.1	73.1	6.6	2.0	17.5	14.1	85.9
IgM nephropathy (by immunofluorescence)	818	0.1	49.0	*	83.6	15.2	61.6	71.3	10.1	*	16.6	13.6	86.4
With lesion of rapidly progressive GN	2,251	0.4	54.0	3.1	66.5	30.4	48.1	75.5	16.5	2.0	5.5	16.0	84.0
Post-infectious GN, SBE	617	0.1	55.0	2.1	74.4	23.5	59.6	76.7	16.4	2.3	4.5	12.3	87.7
Other proliferative GN	2,901	0.5	53.0	2.6	74.9	22.5	52.3	73.0	19.7	1.3	5.1	14.6	85.4
Secondary GN/vasculitis	18,853	3.2	47.0	3.1	81.0	15.9	30.2	60.8	31.9	1.0	5.7	16.4	83.6
Lupus erythematosus (SLE nephritis)	11,043	1.9	44.0	1.6	91.9	6.5	17.8	46.1	44.9	0.9	7.3	19.5	80.5
Henoch-Schonlein syndrome	385	0.1	37.0	7.3	86.5	6.2	56.4	85.5	7.0	*	6.0	12.2	87.8
Scleroderma	505	0.1	57.0	*	71.5	27.9	20.0	77.2	19.0	*	2.6	11.7	88.3
Hemolytic uremic syndrome	1,130	0.2	37.0	17.9	72.6	9.6	40.4	77.6	18.1	*	3.2	7.1	92.9
Polyarteritis	332	0.1	58.0	5.7	55.4	38.9	40.7	81.3	10.8	*	4.5	17.8	82.2
Wegener's granulomatosis	1,965	0.3	60.0	2.0	58.5	39.5	56.8	89.7	6.3	1.2	2.7	11.3	88.7
Nephropathy due to heroin abuse and related drugs	299	0.1	52.0	*	87.0	12.0	66.6	48.8	44.5	*	5.0	18.4	81.6
Other vasculitis and its derivatives	1,400	0.2	59.0	4.2	56.4	39.4	41.4	81.4	12.3	1.9	3.9	16.4	83.6
Goodpasture's syndrome	1,085	0.2	54.0	2.6	67.6	29.9	47.7	90.2	6.5	*	2.2	8.7	91.3
Secondary GN, other	709	0.1	56.0	3.0	69.0	28.1	57.8	66.7	27.1	*	4.5	11.3	88.7
Interstitial nephritis/pyelonephritis	21,509	3.6	59.0	1.9	61.6	36.5	54.7	80.7	13.3	0.8	4.7	10.4	89.6
Analgesic abuse	920	0.2	64.0	*	51.6	48.3	44.2	79.1	15.1	*	4.2	10.5	89.5
Radiation nephritis	138	0.0	64.0	*	50.7	47.8	47.8	84.1	10.9	*	*	*	94.2
Lead nephropathy	48	0.0	61.0	*	54.2	43.8	79.2	35.4	62.5	.	*	*	95.8
Nephropathy caused by other agents	2,288	0.4	62.0	1.2	57.0	41.8	52.7	81.3	13.9	*	4.2	8.3	91.7
Gouty nephropathy	281	0.0	59.0	*	64.4	35.2	76.9	58.4	16.4	*	23.5	14.9	85.1
Nephrolithiasis	1,089	0.2	63.0	*	54.2	44.9	50.6	78.6	10.1	*	9.5	13.5	86.5
Acquired obstructive uropathy	5,360	0.9	64.0	1.4	50.7	47.9	78.6	80.4	15.7	0.8	2.7	12.0	88.0
Chronic pyelonephritis, reflux nephropathy	4,190	0.7	45.0	4.5	83.1	12.5	39.8	87.0	6.8	1.1	4.4	11.7	88.3
Chronic interstitial nephritis	5,908	1.0	59.0	1.4	62.9	35.7	46.3	79.1	14.7	0.8	5.0	8.3	91.7
Acute interstitial nephritis	787	0.1	64.0	*	50.1	49.4	51.1	74.8	19.6	*	4.3	8.9	91.1
Urolithiasis	262	0.0	62.0	*	57.6	42.0	58.8	78.2	13.0	.	8.0	15.3	84.7
Other disorders of calcium metabolism	238	0.0	60.0	*	62.2	36.6	46.6	82.4	11.3	.	5.5	9.2	90.8
Hypertensive/large vessel disease	152,762	25.7	63.0	0.1	54.4	45.4	59.8	46.8	47.2	0.6	5.0	12.3	87.7
Unspecified with renal failure	147,870	24.9	62.0	0.1	55.5	44.4	59.9	45.5	48.4	0.6	5.0	12.5	87.5
Renal artery stenosis	3,095	0.5	74.0	0.4	24.7	74.9	51.5	83.7	11.8	0.6	3.7	5.4	94.6
Renal artery occlusion	657	0.1	71.0	*	33.2	65.3	56.6	85.2	11.7	*	2.3	6.5	93.5
Cholesterol emboli, renal emboli	1,140	0.2	76.0	*	11.9	88.0	65.8	91.3	5.6	*	2.4	5.0	95.0
Cystic/hereditary/congenital diseases	42,322	7.1	54.0	8.6	69.7	21.7	57.9	82.0	12.4	0.7	4.3	11.6	88.4
Polycystic kidneys, adult type (dominant)	27,875	4.7	59.0	0.2	69.9	29.9	53.4	82.6	12.2	0.5	4.2	9.5	90.5
Polycystic, infantile (recessive)	629	0.1	23.0	41.3	52.8	5.9	50.1	79.7	12.6	*	5.1	14.9	85.1
Medullary cystic disease, including nephronophthisis	741	0.1	31.0	21.1	72.2	6.7	47.6	84.2	7.0	*	6.9	11.5	88.5
Tuberous sclerosis	215	0.0	52.0	*	74.9	23.7	43.7	74.9	21.4	*	*	7.4	92.6
Hereditary nephritis, Alport's syndrome	2,613	0.4	43.0	4.1	86.6	9.3	72.5	86.3	8.6	1.0	3.4	11.4	88.6
Cystinosis	268	0.0	24.0	28.4	67.5	4.1	53.7	90.7	6.0	*	*	6.7	93.3
Primary oxalosis	142	0.0	40.0	19.0	67.6	13.4	51.4	85.9	*	*	*	*	93.0
Fabry's disease	205	0.0	50.0	.	94.1	5.9	86.3	86.3	9.3	*	*	17.6	82.4
Congenital nephrotic syndrome	691	0.1	25.0	41.1	53.3	5.6	57.9	73.8	17.7	*	6.5	21.6	78.4
Drash syndrome, mesangial sclerosis	130	0.0	33.0	41.5	37.7	20.8	59.2	73.8	18.5	.	*	20.0	80.0
Congenital obstruction of ureteropelvic junction	273	0.0	29.0	26.0	67.0	7.0	74.4	76.6	16.5	*	*	15.4	84.6
Congenital obstruction of uretrovesical junction	180	0.0	28.0	22.2	74.4	*	76.1	82.2	10.6	*	6.1	14.4	85.6
Other congenital obstructive uropathy	3,475	0.6	31.0	24.5	71.0	4.4	76.7	79.2	14.5	1.1	4.0	14.5	85.5
Renal hypoplasia, dysplasia, oligonephronia	3,420	0.6	23.0	37.4	60.3	2.3	61.3	79.3	13.9	1.1	4.5	20.6	79.4
Prune belly syndrome	382	0.1	20.0	47.9	51.0	*	98.2	74.9	20.4	*	2.9	16.2	83.8
Other (congenital malformation syndromes)	1,083	0.2	37.0	17.1	74.9	8.0	58.4	82.2	10.2	1.3	6.0	15.7	84.3

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2011

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

ROW PERCENT	Total patients	Percent prevalent	Median age	% Age			% Male	% White	Black				% Non-Hisp.
				0-19	20-64	65+			Af Am	N Am	Asian	Hisp.	
Neoplasms/tumors	5,505	0.9	67.0	1.3	40.6	58.1	63.8	76.5	20.2	0.8	2.2	8.9	91.1
Renal tumor (malignant)	1,667	0.3	68.0	3.5	36.2	60.3	69.9	77.4	19.9	1.0	1.4	6.9	93.1
Urinary tract tumor (malignant)	303	0.1	73.0	*	23.4	75.9	80.5	80.9	15.5	*	*	5.9	94.1
Renal tumor (benign)	87	0.0	67.0	*	41.4	57.5	59.8	77.0	17.2	.	*	*	88.5
Urinary tract tumor (benign)	46	0.0	67.0	.	41.3	58.7	93.5	87.0	*	.	.	23.9	76.1
Renal tumor (unspecified)	178	0.0	69.0	*	38.8	60.7	66.9	73.0	21.3	*	*	10.1	89.9
Urinary tract tumor (unspecified)	89	0.0	70.0	.	32.6	67.4	71.9	74.2	21.3	*	*	18.0	82.0
Lymphoma of kidneys	67	0.0	66.0	*	44.8	53.7	65.7	80.6	*	.	*	*	88.1
Multiple myeloma	1,791	0.3	67.0	*	42.2	57.7	58.0	71.5	25.3	0.7	2.4	7.7	92.3
Other immuno prolifer. neoplasms (inc. light chain neph.)	359	0.1	66.0	*	44.8	54.9	58.2	78.6	17.5	*	3.1	7.8	92.2
Amyloidosis	918	0.2	64.0	*	50.3	49.5	58.2	82.6	14.3	*	2.3	13.9	86.1
Complications of transplanted organ	3,058	0.5	56.0	2.2	73.3	24.6	61.6	77.0	16.9	0.9	4.9	12.5	87.5
Complications of transplanted organ, unspecified	154	0.0	55.0	*	83.1	15.6	60.4	82.5	13.6	*	*	9.1	90.9
Complications of transplanted kidney	1,143	0.2	50.0	1.4	85.6	13.0	56.6	68.9	22.9	*	7.1	19.5	80.5
Complications of transplanted liver	1,026	0.2	59.0	1.4	70.4	28.3	61.4	82.1	13.1	*	3.8	11.5	88.5
Complications of transplanted heart	478	0.1	64.0	3.6	48.1	48.3	75.3	80.5	14.9	*	2.9	3.6	96.4
Complications of transplanted lung	138	0.0	59.0	*	68.1	31.2	55.8	88.4	8.7	.	*	*	98.6
Complications of transplanted bone marrow	61	0.0	42.0	24.6	67.2	*	68.9	82.0	*	.	*	*	93.4
Complications of transplanted pancreas	23	0.0	58.0	.	82.6	*	52.2	69.6	*	.	*	*	95.7
Complications of transplanted intestine	11	0.0	52.0	.	*	*	*	*	*	.	.	.	100.0
Complications of other specified transplanted organ	24	0.0	48.0	*	75.0	*	70.8	75.0	*	.	*	*	87.5
Miscellaneous conditions	19,291	3.2	59.0	2.6	60.7	36.7	59.1	63.7	31.7	0.8	3.3	10.5	89.5
Sickle cell disease/anemia	416	0.1	44.0	*	93.3	5.8	55.8	5.0	94.2	*	*	*	97.8
Sickle cell trait and other sickle cell (HbS/Hb other)	31	0.0	49.0	.	87.1	*	38.7	*	90.3	.	.	.	100.0
Post-partum renal failure	184	0.0	38.0	*	98.4	*	*	60.9	29.9	*	*	22.8	77.2
AIDS nephropathy	3,222	0.5	48.0	0.5	95.2	4.3	68.9	10.3	88.4	*	0.4	7.2	92.8
Traumatic or surgical loss of kidney(s)	531	0.1	62.0	3.2	53.9	42.9	65.5	77.4	18.8	*	2.4	12.6	87.4
Hepatorenal syndrome	1,366	0.2	59.0	*	73.9	25.6	67.0	79.9	12.9	1.5	5.6	16.1	83.9
Tubular necrosis (no recovery)	7,151	1.2	66.0	2.4	43.1	54.4	55.3	77.9	18.3	1.0	2.7	9.4	90.6
Other renal disorders	6,390	1.1	59.0	4.4	57.3	38.3	57.9	74.4	19.0	0.8	5.3	12.3	87.7
Etiology uncertain	21,381	3.6	57.0	2.5	63.7	33.7	58.3	66.0	24.7	1.1	7.0	20.0	80.0
Missing	13,687	2.3	56.0	3.2	69.2	27.6	57.4	57.5	18.0	1.4	7.5	6.0	94.0

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2011

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

COLUMN PERCENT	Total	Counts	Black/			Counts	Non-	%	Black/			%	Non-
	patients	White	Af Am	N Am	Asian	Hisp.	Hisp.	White	Af Am	N Am	Asian	Hisp.	Hisp.
All ESRD, (reference)	615,899	371,838	195,210	8,437	35,083	98,929	516,970	100.0	100.0	100.0	100.0	100.0	100.0
Diabetes	232,648	141,680	71,714	5,197	13,153	49,133	183,515	39.6	37.8	63.3	39.2	51.9	36.7
Diabetes with renal manifestations, Type 2	200,253	118,018	64,511	4,799	12,106	44,955	155,298	33.0	34.0	58.4	36.0	47.5	31.1
Diabetes with renal manifestations, Type 1	32,395	23,662	7,203	398	1,047	4,178	28,217	6.6	3.8	4.8	3.1	4.4	5.6
Glomerulonephritis	84,883	54,280	21,758	1,086	6,991	12,829	72,054	15.2	11.5	13.2	20.8	13.6	14.4
Glomerulonephritis (GN; histologically not examined)	34,838	22,618	8,116	443	3,245	6,347	28,491	6.3	4.3	5.4	9.7	6.7	5.7
Focal glomerulosclerosis, focal sclerosing GN	24,917	13,558	9,916	227	1,055	2,947	21,970	3.8	5.2	2.8	3.1	3.1	4.4
Membranous nephropathy	4,239	2,750	1,262	40	157	559	3,680	0.8	0.7	0.5	0.5	0.6	0.7
Membranoproliferative GN type 1, diffuse MPGN	3,467	2,550	605	52	241	479	2,988	0.7	0.3	0.6	0.7	0.5	0.6
Dense deposit disease, MPGN type 2	278	219	39	*	13	35	243	0.1	0.0	*	0.0	0.0	0.0
IgA nephropathy, Berger's (by immunofluorescence)	10,557	7,712	694	211	1,844	1,492	9,065	2.2	0.4	2.6	5.5	1.6	1.8
IgM nephropathy (by immunofluorescence)	818	583	83	*	136	111	707	0.2	0.0	*	0.4	0.1	0.1
With lesion of rapidly progressive GN	2,251	1,699	371	45	124	360	1,891	0.5	0.2	0.5	0.4	0.4	0.4
Post-infectious GN, SBE	617	473	101	14	28	76	541	0.1	0.1	0.2	0.1	0.1	0.1
Other proliferative GN	2,901	2,118	571	39	148	423	2,478	0.6	0.3	0.5	0.4	0.4	0.5
Secondary GN/vasculitis	18,853	11,458	6,013	192	1,070	3,084	15,769	3.2	3.2	2.3	3.2	3.3	3.2
Lupus erythematosus (SLE nephritis)	11,043	5,092	4,959	103	805	2,157	8,886	1.4	2.6	1.3	2.4	2.3	1.8
Henoch-Schonlein syndrome	385	329	27	*	23	47	338	0.1	0.0	*	0.1	0.0	0.1
Scleroderma	505	390	96	*	13	59	446	0.1	0.1	*	0.0	0.1	0.1
Hemolytic uremic syndrome	1,130	877	204	*	36	80	1,050	0.2	0.1	*	0.1	0.1	0.2
Polyarteritis	332	270	36	*	15	59	273	0.1	0.0	*	0.0	0.1	0.1
Wegener's granulomatosis	1,965	1,762	123	23	53	223	1,742	0.5	0.1	0.3	0.2	0.2	0.3
Nephropathy due to heroin abuse and related drugs	299	146	133	*	15	55	244	0.0	0.1	*	0.0	0.1	0.0
Other vasculitis and its derivatives	1,400	1,140	172	26	54	230	1,170	0.3	0.1	0.3	0.2	0.2	0.2
Goodpasture's syndrome	1,085	979	71	*	24	94	991	0.3	0.0	*	0.1	0.1	0.2
Secondary GN, other	709	473	192	*	32	80	629	0.1	0.1	*	0.1	0.1	0.1
Interstitial nephritis/pyelonephritis	21,509	17,359	2,868	165	1,007	2,239	19,270	4.9	1.5	2.0	3.0	2.4	3.9
Analgesic abuse	920	728	139	*	39	97	823	0.2	0.1	*	0.1	0.1	0.2
Radiation nephritis	138	116	15	*	*	*	130	0.0	0.0	*	*	*	0.0
Lead nephropathy	48	17	30	.	*	*	46	0.0	0.0	.	*	*	0.0
Nephropathy caused by other agents	2,288	1,860	317	*	97	189	2,099	0.5	0.2	*	0.3	0.2	0.4
Gouty nephropathy	281	164	46	*	66	42	239	0.0	0.0	*	0.2	0.0	0.0
Nephrolithiasis	1,089	856	110	*	103	147	942	0.2	0.1	*	0.3	0.2	0.2
Acquired obstructive uropathy	5,360	4,310	843	44	145	641	4,719	1.2	0.4	0.5	0.4	0.7	0.9
Chronic pyelonephritis, reflux nephropathy	4,190	3,646	284	44	186	489	3,701	1.0	0.1	0.5	0.6	0.5	0.7
Chronic interstitial nephritis	5,908	4,672	869	45	296	492	5,416	1.3	0.5	0.5	0.9	0.5	1.1
Acute interstitial nephritis	787	589	154	*	34	70	717	0.2	0.1	*	0.1	0.1	0.1
Urolithiasis	262	205	34	.	21	40	222	0.1	0.0	.	0.1	0.0	0.0
Other disorders of calcium metabolism	238	196	27	.	13	22	216	0.1	0.0	.	0.0	0.0	0.0
Hypertensive/large vessel disease	152,762	71,493	72,116	852	7,613	18,753	134,009	20.0	38.0	10.4	22.7	19.8	26.8
Unspecified with renal failure	147,870	67,302	71,609	822	7,457	18,487	129,383	18.8	37.7	10.0	22.2	19.5	25.9
Renal artery stenosis	3,095	2,590	366	19	114	166	2,929	0.7	0.2	0.2	0.3	0.2	0.6
Renal artery occlusion	657	560	77	*	15	43	614	0.2	0.0	*	0.0	0.0	0.1
Cholesterol emboli, renal emboli	1,140	1,041	64	*	27	57	1,083	0.3	0.0	*	0.1	0.1	0.2
Cystic/hereditary/congenital diseases	42,322	34,722	5,234	295	1,806	4,897	37,425	9.7	2.8	3.6	5.4	5.2	7.5
Polycystic kidneys, adult type (dominant)	27,875	23,035	3,414	138	1,167	2,658	25,217	6.4	1.8	1.7	3.5	2.8	5.0
Polycystic, infantile (recessive)	629	501	79	*	32	94	535	0.1	0.0	*	0.1	0.1	0.1
Medullary cystic disease, including nephronphthisis	741	624	52	*	51	85	656	0.2	0.0	*	0.2	0.1	0.1
Tuberous sclerosis	215	161	46	*	*	16	199	0.0	0.0	*	*	0.0	0.0
Hereditary nephritis, Alport's syndrome	2,613	2,256	226	27	88	299	2,314	0.6	0.1	0.3	0.3	0.3	0.5
Cystinosis	268	243	16	*	*	18	250	0.1	0.0	*	*	0.0	0.1
Primary oxalosis	142	122	*	*	*	*	132	0.0	*	*	*	*	0.0
Fabry's disease	205	177	19	*	*	36	169	0.0	0.0	*	*	0.0	0.0
Congenital nephrotic syndrome	691	510	122	*	45	149	542	0.1	0.1	*	0.1	0.2	0.1
Drash syndrome, mesangial sclerosis	130	96	24	.	*	26	104	0.0	0.0	.	*	0.0	0.0
Congenital obstruction of ureterpelvic junction	273	209	45	*	*	42	231	0.1	0.0	*	*	0.0	0.0
Congenital obstruction of uretrovesical junction	180	148	19	*	11	26	154	0.0	0.0	*	0.0	0.0	0.0
Other congenital obstructive uropathy	3,475	2,752	504	38	140	503	2,972	0.8	0.3	0.5	0.4	0.5	0.6
Renal hypoplasia, dysplasia, oligonephronia	3,420	2,712	474	39	155	703	2,717	0.8	0.2	0.5	0.5	0.7	0.5
Prune belly syndrome	382	286	78	*	11	62	320	0.1	0.0	*	0.0	0.1	0.1
Other (congenital malformation syndromes)	1,083	890	110	14	65	170	913	0.2	0.1	0.2	0.2	0.2	0.2

Table B.7 (continued)

Prevalence of reported ESRD, by primary diagnosis, 2011

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

COLUMN PERCENT	Total	Counts				Counts				% Non-			
	patients	White	Black/ Af Am	N Am	Asian	Hisp.	Non- Hisp.	% White	Black/ Af Am	N Am	Asian	% Hisp.	Non- Hisp.
Neoplasms/tumors	5,505	4,214	1,114	45	123	490	5,015	1.2	0.6	0.5	0.4	0.5	1.0
Renal tumor (malignant)	1,667	1,291	332	17	23	115	1,552	0.4	0.2	0.2	0.1	0.1	0.3
Urinary tract tumor (malignant)	303	245	47	*	*	18	285	0.1	0.0	*	*	0.0	0.1
Renal tumor (benign)	87	67	15	.	.	*	77	0.0	0.0	.	.	*	0.0
Urinary tract tumor (benign)	46	40	*	.	.	11	35	0.0	*	.	.	0.0	0.0
Renal tumor (unspecified)	178	130	38	*	*	18	160	0.0	0.0	*	*	0.0	0.0
Urinary tract tumor (unspecified)	89	66	19	*	*	16	73	0.0	0.0	*	*	0.0	0.0
Lymphoma of kidneys	67	54	*	.	.	*	59	0.0	*	.	.	*	0.0
Multiple myeloma	1,791	1,281	453	13	43	138	1,653	0.4	0.2	0.2	0.1	0.1	0.3
Other immuno prolif. neoplasms (inc. light chain neph.)	359	282	63	*	11	28	331	0.1	0.0	*	0.0	0.0	0.1
Amyloidosis	918	758	131	*	21	128	790	0.2	0.1	*	0.1	0.1	0.2
Complications of transplanted organ	3,058	2,355	517	27	151	382	2,676	0.7	0.3	0.3	0.4	0.4	0.5
Complications of transplanted organ, unspecified	154	127	21	*	*	14	140	0.0	0.0	*	*	0.0	0.0
Complications of transplanted kidney	1,143	787	262	*	81	223	920	0.2	0.1	*	0.2	0.2	0.2
Complications of transplanted liver	1,026	842	134	*	39	118	908	0.2	0.1	*	0.1	0.1	0.2
Complications of transplanted heart	478	385	71	*	14	17	461	0.1	0.0	*	0.0	0.0	0.1
Complications of transplanted lung	138	122	12	.	*	*	136	0.0	0.0	.	*	*	0.0
Complications of transplanted bone marrow	61	50	*	.	*	*	57	0.0	*	.	*	*	0.0
Complications of transplanted pancreas	23	16	*	.	*	*	22	0.0	*	.	*	*	0.0
Complications of transplanted intestine	11	*	*	.	.	.	11	*	*	.	.	.	0.0
Complications of other specified transplanted organ	24	18	*	.	*	*	21	0.0	*	.	*	*	0.0
Miscellaneous conditions	19,291	12,295	6,123	158	644	2,025	17,266	3.4	3.2	1.9	1.9	2.1	3.5
Sickle cell disease/anemia	416	21	392	*	*	*	407	0.0	0.2	*	*	*	0.1
Sickle cell trait and other sickle cell (HbS/Hb other)	31	*	28	.	.	.	31	*	0.0	.	.	.	0.0
Post-partum renal failure	184	112	55	*	*	42	142	0.0	0.0	*	*	0.0	0.0
AIDS nephropathy	3,222	333	2,849	*	14	232	2,990	0.1	1.5	*	0.0	0.2	0.6
Traumatic or surgical loss of kidney(s)	531	411	100	*	13	67	464	0.1	0.1	*	0.0	0.1	0.1
Hepatorenal syndrome	1,366	1,091	176	21	76	220	1,146	0.3	0.1	0.3	0.2	0.2	0.2
Tubular necrosis (no recovery)	7,151	5,569	1,307	72	190	671	6,480	1.6	0.7	0.9	0.6	0.7	1.3
Other renal disorders	6,390	4,755	1,216	53	339	784	5,606	1.3	0.6	0.6	1.0	0.8	1.1
Etiology uncertain	21,381	14,106	5,288	225	1,498	4,276	17,105	3.9	2.8	2.7	4.5	4.5	3.4
Missing	13,687	7,876	2,465	195	1,027	821	12,866	2.2	1.3	2.4	3.1	0.9	2.6

Table C.2

Percent distribution of patients, by prior & current employment status

incident patients with completed Medical Evidence forms; 2003-2005

2003-2005	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	1.9	*	*	*	*	*	6.0	6.0	2.9	3.5	*	*	16.7	17.0	29.9	33.4
5-9	*	*	*	.	.	.	.	*	*	*	*	*	77.9	83.3	6.5	7.7
10-14	*	.	*	.	.	.	*	*	*	*	.	.	87.3	93.5	3.1	3.4
15-19	5.0	2.2	3.9	2.8	*	*	*	*	1.0	1.5	*	2.1	64.2	65.7	16.5	21.7
20-29	31.3	17.8	6.8	4.8	2.4	2.6	0.4	0.5	7.2	9.4	0.8	7.7	6.7	6.3	33.8	47.7
30-39	36.6	23.0	4.5	3.3	3.1	3.4	0.4	0.6	12.9	16.0	1.2	8.7	0.6	0.6	30.4	41.1
40-49	31.6	20.8	3.5	2.7	2.7	2.9	1.0	1.2	20.6	24.7	1.2	7.4	0.2	0.2	28.5	36.7
50-59	23.6	15.0	2.8	2.2	3.9	4.0	4.8	5.5	30.5	35.2	1.0	6.0	.	.	22.8	28.5
60-64	13.0	7.7	2.4	2.0	5.2	5.4	18.7	21.1	32.5	36.8	0.6	3.1	*	*	16.6	20.2
65-69	5.1	3.0	1.8	1.7	5.0	5.0	52.7	57.4	15.2	16.9	0.1	0.9	*	*	9.6	11.5
70-74	2.5	1.3	1.4	1.2	5.1	5.1	66.4	71.4	7.8	9.0	.	0.4	*	*	7.1	8.5
75-79	1.5	0.6	0.9	0.8	5.2	5.2	71.7	76.8	5.2	6.2	.	0.2	.	*	6.2	7.5
80-84	1.1	0.4	0.6	0.5	4.7	4.7	75.3	80.4	4.0	4.7	*	0.1	*	*	5.7	6.6
85+	0.9	0.3	0.4	0.3	4.6	4.5	76.7	81.7	3.5	4.2	*	*	*	*	5.5	6.4
0-19	2.8	1.2	1.9	1.3	0.4	0.3	1.4	1.4	1.1	1.4	*	1.3	62.9	65.7	14.5	17.8
20-44	34.5	21.6	4.7	3.5	2.8	3.0	0.5	0.6	13.6	16.9	1.1	8.2	1.7	1.6	30.6	41.3
45-64	21.6	13.7	2.7	2.2	4.1	4.2	8.3	9.5	29.6	34.2	0.9	5.3	0.1	.	21.9	27.2
65-74	3.8	2.2	1.6	1.4	5.1	5.1	59.6	64.5	11.4	12.9	0.1	0.6	*	*	8.4	10.0
75+	1.3	0.5	0.7	0.6	4.9	4.9	73.9	79.0	4.5	5.3	.	0.1	*	*	5.9	7.0
Male	16.3	10.3	2.2	2.0	0.1	0.1	38.1	41.0	17.8	20.6	0.6	3.5	1.0	1.0	14.0	18.2
Female	10.2	6.1	2.1	1.5	9.4	9.6	34.2	37.0	14.8	17.3	0.4	2.8	1.0	1.1	17.5	21.3
White	12.7	8.1	2.2	1.9	4.9	5.0	42.4	45.4	15.5	17.8	0.5	2.9	1.0	1.0	12.0	14.9
Black/Af Am	14.8	8.8	2.1	1.5	2.3	2.4	24.9	27.7	19.2	22.7	0.6	3.8	1.0	1.0	22.1	28.3
N Am/Alas Native	14.6	8.6	2.3	1.5	6.0	6.2	20.1	21.3	19.5	22.4	0.3	3.1	1.3	1.2	26.9	32.4
Asian	17.4	11.2	2.5	2.1	6.0	6.1	33.6	35.6	10.7	13.3	0.5	4.0	1.5	1.5	19.7	23.4
Pacific Islander	18.9	11.4	2.3	2.1	8.0	8.5	28.3	30.4	12.3	14.7	0.4	4.6	1.1	1.0	21.5	25.1
Mid.-east./Arabian	13.9	8.9	2.3	1.7	6.0	6.4	29.3	31.3	10.9	12.7	*	3.4	2.3	2.7	23.3	29.0
Ind. Subcont.	20.3	15.2	2.1	1.9	7.2	7.3	23.7	25.2	10.6	14.1	*	4.0	2.5	2.8	19.2	26.6
Other/multiracial	13.1	8.0	2.0	1.4	7.6	7.7	22.4	24.2	16.9	19.3	0.5	2.8	1.6	1.7	22.6	31.0
Unknown	9.9	6.0	2.4	2.5	4.4	4.1	27.2	30.8	13.5	15.9	*	2.3	*	*	23.0	29.4
Hispanic, Mexican	12.7	6.5	1.9	1.2	8.2	8.2	25.1	25.7	19.7	22.4	0.5	3.0	2.0	2.0	24.2	28.3
Hispanic, other	12.4	7.2	1.7	1.4	7.2	7.2	27.8	29.6	18.3	20.8	0.4	2.5	1.3	1.3	19.7	26.1
Hispanic, non-specific	15.4	7.2	2.2	1.6	7.8	7.6	25.9	26.5	19.7	22.2	0.5	3.2	2.3	2.3	24.7	28.7
Non-Hispanic	13.2	8.4	2.2	1.8	3.8	3.9	38.7	41.9	16.0	18.6	0.5	3.2	0.9	0.9	14.2	17.9
Unknown	20.3	12.4	3.3	2.7	4.3	4.4	18.9	21.0	16.9	20.4	0.6	4.7	1.6	1.7	21.8	28.6
Diabetes	10.7	6.5	1.7	1.4	5.1	5.1	34.5	37.1	21.9	24.8	0.5	2.5	0.1	0.1	16.0	19.3
Hypertension	11.1	6.5	1.9	1.5	3.7	3.8	45.4	49.1	11.5	13.9	0.3	2.5	0.2	0.2	15.0	19.3
Glomerulonephritis	28.4	19.5	3.9	3.4	3.3	3.5	24.2	26.1	10.5	13.0	0.7	6.2	3.8	4.0	15.3	20.9
Cystic kidney	37.5	29.8	4.9	4.7	4.0	4.3	18.6	20.4	10.8	13.2	1.0	6.6	1.5	1.6	11.4	15.7
Other urologic	14.9	10.1	3.1	2.8	3.4	3.4	40.0	43.0	12.5	14.3	0.3	3.1	3.2	3.2	13.3	17.0
Other cause	15.4	8.9	2.8	2.0	3.8	3.8	32.4	34.9	14.6	17.2	0.7	4.7	3.7	3.8	16.2	20.9
Unknown cause	13.5	7.9	2.5	2.1	4.1	4.1	38.6	41.9	11.7	13.9	0.5	3.1	2.4	2.5	16.5	20.9
Missing	*	.	.	.	.	.	.	*	*	*	*	.	.	.	.	.
All	13.5	8.4	2.2	1.8	4.3	4.4	36.3	39.2	16.4	19.1	0.5	3.2	1.0	1.0	15.6	19.6
Total N	42,091	26,139	6,778	5,499	13,401	13,654	112,935	121,931	51,140	59,327	1,583	9,920	3,156	3,231	48,424	60,941

Table C.2 (continued)

Percent distribution of patients, by prior & current employment status

incident patients with completed Medical Evidence forms; 2006-2008

2006-2008	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	3.2	2.5	*	*	.	.	5.9	6.1	2.3	2.5	*	*	27.0	27.0	41.1	41.5
5-9	*	*	.	.	*	*	*	*	*	*	*	*	89.9	90.2	6.8	6.8
10-14	*	*	.	.	*	.	*	*	*	*	.	*	94.4	93.9	3.4	3.4
15-19	5.5	2.6	4.6	2.8	*	0.6	*	*	0.9	1.2	*	1.9	68.5	66.3	19.5	24.2
20-29	36.4	19.9	7.9	5.1	2.1	2.2	0.5	0.5	7.3	9.4	0.9	8.2	6.8	6.1	38.2	48.6
30-39	40.5	24.1	5.5	3.9	2.8	2.8	0.4	0.5	14.1	16.6	1.2	8.7	0.7	0.7	34.9	42.8
40-49	36.4	22.2	4.2	3.1	2.7	2.7	0.9	1.0	22.0	24.8	1.2	7.8	0.2	0.2	32.5	38.2
50-59	27.5	16.5	3.2	2.5	3.4	3.4	5.1	5.2	33.5	36.6	1.1	6.3	.	.	26.1	29.4
60-64	16.6	9.4	2.5	2.1	4.7	4.6	20.1	20.8	36.3	38.9	0.7	3.7	*	*	18.9	20.5
65-69	7.1	3.8	2.3	2.0	4.5	4.4	55.5	56.8	18.9	19.8	0.2	1.3	*	*	11.5	12.1
70-74	3.4	1.6	1.6	1.3	4.7	4.6	71.7	72.6	9.7	10.4	0.1	0.5	*	*	8.7	9.0
75-79	2.2	0.8	1.0	0.8	4.6	4.4	78.0	78.9	6.7	7.1	.	0.2	.	.	7.5	7.7
80-84	1.6	0.4	0.7	0.5	4.9	4.6	81.6	82.6	5.0	5.4	*	0.1	*	*	6.3	6.4
85+	1.3	0.4	0.5	0.4	4.4	4.1	83.3	84.2	4.3	4.7	*	0.1	*	*	6.2	6.2
0-19	3.6	1.8	2.4	1.4	0.3	0.3	1.6	1.6	1.0	1.3	*	1.2	69.0	67.8	18.5	20.9
20-44	38.9	22.9	5.5	3.9	2.6	2.6	0.5	0.6	14.6	17.1	1.2	8.6	1.8	1.6	34.9	42.8
45-64	25.4	15.2	3.2	2.4	3.7	3.7	9.0	9.3	32.7	35.6	1.0	5.7	0.1	0.1	24.9	28.0
65-74	5.3	2.7	2.0	1.7	4.6	4.5	63.6	64.6	14.3	15.1	0.1	0.9	*	*	10.1	10.5
75+	1.8	0.6	0.8	0.6	4.7	4.4	80.4	81.3	5.6	6.0	.	0.1	*	*	6.8	6.9
Male	19.1	11.3	2.6	2.1	0.1	0.1	40.1	40.7	20.0	21.9	0.6	3.8	1.0	1.0	16.4	19.1
Female	12.4	7.0	2.6	1.8	8.9	8.7	36.6	37.2	17.6	19.1	0.5	3.1	1.1	1.1	20.2	22.0
White	14.9	8.9	2.5	2.0	4.6	4.5	44.1	44.8	18.0	19.5	0.5	3.2	1.1	1.0	14.2	16.0
Black/Af Am	18.4	10.1	2.6	1.8	2.1	2.1	26.9	27.4	22.3	24.4	0.6	4.0	1.0	0.9	26.1	29.4
N Am/Alas Native	18.1	9.6	2.9	2.0	5.6	5.6	22.1	22.4	20.4	22.7	0.6	3.6	1.5	1.4	28.7	32.5
Asian	21.1	13.1	2.7	2.1	5.8	5.6	36.3	36.9	11.0	12.8	0.6	4.3	1.5	1.4	21.1	23.8
Pacific Islander	20.7	12.1	2.8	1.9	6.2	6.0	25.6	26.2	15.1	17.0	1.1	4.8	1.0	1.0	27.5	31.0
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	16.9	11.5	2.8	1.7	6.7	6.7	30.8	31.1	18.6	19.8	*	3.2	3.6	3.6	19.7	21.9
Unknown	.	.	.	.	.	.	*	*	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.	.	*	*
Hispanic, non-specifi	16.0	8.2	2.4	1.6	7.0	6.9	25.8	26.2	21.4	23.6	0.5	3.4	2.0	1.9	24.7	28.1
Non-Hispanic	16.2	9.6	2.6	2.0	3.5	3.4	40.6	41.2	18.6	20.2	0.6	3.5	0.9	0.9	17.0	19.1
Unknown	*	.	.	.	.	.	.	.	.	.	.	*	.	.	.	.
Diabetes	13.0	7.4	2.0	1.5	4.6	4.5	36.4	37.0	24.6	26.4	0.5	2.8	0.1	0.1	18.7	20.3
Hypertension	13.8	7.5	2.4	1.8	3.6	3.5	47.9	48.7	14.1	15.7	0.4	2.8	0.2	0.2	17.5	19.9
Glomerulonephritis	33.0	21.8	4.5	3.7	3.2	3.2	25.5	26.0	12.3	14.1	0.7	6.4	3.8	3.7	16.8	20.9
Cystic kidney	42.8	32.4	5.4	4.9	3.8	3.8	20.5	20.9	11.2	12.8	0.8	6.4	1.8	1.8	13.6	16.8
Other urologic	17.4	10.6	3.3	2.3	2.7	2.6	43.4	44.0	14.3	15.9	0.7	4.2	3.3	3.3	14.6	17.0
Other cause	18.1	9.6	3.2	2.2	3.4	3.3	34.9	35.5	16.9	18.7	0.9	5.2	3.8	3.7	18.5	21.5
Unknown cause	16.2	9.1	2.7	2.0	3.5	3.4	41.0	41.6	13.8	15.4	0.5	3.4	2.6	2.5	19.7	22.5
Missing	*	.	.	.	.	.	.	.	.	.	.	*	.	.	*	*
All	16.2	9.4	2.6	2.0	4.0	3.9	38.6	39.2	18.9	20.7	0.6	3.5	1.1	1.0	18.1	20.4
Total N	53,697	31,210	8,554	6,496	13,210	12,867	127,888	129,891	62,830	68,549	1,867	11,512	3,505	3,393	59,919	67,553

Table C.2 (continued)

Percent distribution of patients, by prior & current employment status

incident patients with completed Medical Evidence forms; 2009-2011

2009-2011	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	2.3	1.5	*	*	*	*	7.5	7.7	4.0	4.4	.	*	31.9	31.9	39.8	40.0
5-9	*	*	.	.	*	*	*	*	*	*	.	.	88.1	88.9	9.4	9.0
10-14	.	.	*	*	.	.	*	*	*	1.3	.	.	93.1	92.9	4.8	4.9
15-19	4.1	1.8	3.9	2.7	*	*	1.1	1.1	1.2	1.7	*	1.3	70.1	67.5	19.4	23.8
20-29	30.4	16.1	8.6	5.6	2.1	2.1	0.5	0.5	7.4	9.1	0.9	7.6	7.5	6.7	42.7	52.4
30-39	36.8	21.5	5.8	4.0	2.5	2.5	0.4	0.5	13.9	16.3	1.2	8.3	0.8	0.7	38.5	46.2
40-49	34.2	20.8	4.6	3.3	2.2	2.3	0.8	0.9	22.3	25.1	1.2	7.3	0.2	0.2	34.5	40.1
50-59	26.3	15.7	3.4	2.4	2.8	2.8	4.3	4.6	33.4	36.5	1.1	6.0	0.1	0.1	28.6	31.8
60-64	16.6	9.3	2.9	2.3	3.7	3.6	19.3	20.1	37.1	39.8	0.7	3.6	*	*	19.7	21.3
65-69	7.5	4.0	2.4	2.0	3.5	3.4	53.0	54.5	21.1	22.1	0.2	1.3	*	*	12.2	12.7
70-74	3.9	1.7	1.8	1.5	3.7	3.5	71.0	72.3	10.7	11.5	0.1	0.5	*	*	8.8	9.1
75-79	2.5	0.8	1.2	1.0	3.9	3.7	77.1	78.2	7.6	8.2	.	0.3	*	*	7.7	7.8
80-84	1.7	0.4	0.7	0.5	4.1	3.8	81.5	82.5	5.4	6.0	*	0.1	*	*	6.6	6.7
85+	1.6	0.3	0.5	0.5	3.8	3.6	83.0	84.0	4.7	5.2	*	0.1	.	*	6.3	6.3
0-19	2.4	1.2	2.1	1.4	0.3	0.3	2.2	2.3	1.7	2.0	*	0.6	69.3	68.1	19.3	21.4
20-44	35.2	20.6	6.1	4.1	2.3	2.4	0.5	0.6	14.6	17.0	1.1	7.9	2.0	1.8	38.2	45.7
45-64	24.2	14.3	3.4	2.5	3.0	3.0	8.6	9.1	33.1	36.1	1.0	5.4	0.1	0.1	26.6	29.6
65-74	5.8	2.9	2.1	1.7	3.6	3.4	61.7	63.1	16.1	17.0	0.2	0.9	*	*	10.6	11.0
75+	2.0	0.6	0.9	0.7	3.9	3.7	80.0	81.0	6.2	6.7	.	0.2	*	*	7.0	7.1
Male	18.0	10.5	2.8	2.2	0.1	0.1	38.9	39.7	20.5	22.4	0.6	3.6	1.0	1.0	18.0	20.5
Female	11.9	6.6	2.8	1.9	7.5	7.2	36.4	37.1	19.0	20.6	0.5	2.9	1.1	1.0	20.8	22.6
White	14.4	8.4	2.8	2.2	3.8	3.6	42.7	43.5	19.0	20.6	0.5	3.0	1.0	1.0	15.9	17.7
Black/Af Am	17.2	9.2	2.7	1.8	1.7	1.6	27.6	28.2	23.2	25.3	0.7	4.0	1.0	1.0	25.9	28.9
N Am/Alas Native	16.2	8.5	3.4	2.6	4.8	4.8	20.0	20.6	21.7	23.4	0.5	3.3	1.3	1.3	32.0	35.4
Asian	19.8	11.9	3.1	2.3	5.5	5.3	36.9	37.9	11.3	13.0	0.5	4.0	1.3	1.3	21.6	24.3
Pacific Islander	19.8	11.7	2.2	1.7	5.3	5.3	25.2	26.2	14.4	16.0	0.9	4.0	1.2	1.2	31.0	33.8
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	16.2	8.8	2.7	2.2	4.9	4.6	29.0	29.7	20.2	22.0	*	3.2	4.7	4.6	21.3	25.0
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-specific	15.8	7.7	2.9	1.8	5.8	5.6	24.2	24.8	21.3	23.7	0.5	3.3	1.8	1.8	27.6	31.4
Non-Hispanic	15.4	9.0	2.8	2.1	2.8	2.7	40.1	41.0	19.6	21.3	0.6	3.3	0.9	0.9	17.8	19.7
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	12.8	7.1	2.3	1.7	3.8	3.6	35.3	36.0	25.3	27.2	0.5	2.6	0.1	0.1	19.9	21.7
Hypertension	13.4	7.3	2.6	1.9	2.9	2.7	46.6	47.4	15.2	16.8	0.4	2.8	0.2	0.2	18.7	20.9
Glomerulonephritis	31.2	20.7	4.9	3.7	2.8	2.8	24.9	25.5	12.8	14.6	0.8	6.0	4.0	3.9	18.7	22.6
Cystic kidney	40.8	30.9	5.4	4.6	3.0	3.1	19.8	20.4	12.4	14.2	0.9	6.3	1.8	1.8	15.7	18.6
Other urologic	15.1	9.3	3.6	3.2	2.4	2.3	43.2	43.6	16.9	18.5	0.3	3.1	2.2	2.2	16.3	17.7
Other cause	16.3	8.5	3.2	2.3	2.9	2.8	35.8	36.6	17.8	19.5	0.8	4.9	3.9	3.8	19.0	21.4
Unknown cause	15.1	7.9	3.3	2.6	2.6	2.5	40.8	41.6	14.9	16.4	0.5	3.2	2.4	2.3	20.3	23.4
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
All	15.4	8.8	2.8	2.1	3.3	3.2	37.8	38.6	19.9	21.6	0.6	3.3	1.0	1.0	19.2	21.4
Total N	52,909	30,221	9,529	7,085	11,224	10,833	129,746	132,396	68,121	74,195	1,927	11,316	3,574	3,452	65,988	73,520

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Table C.3

Insurance coverage in the incident population (%)*incident patients with completed Medical Evidence forms; 2003-2005*

2003-2005	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	50.2	8.9	*	34.5	19.9	3.6	*	88.7
5-9	52.3	2.8	.	34.4	20.9	5.6	.	88.8
10-14	44.6	2.8	*	33.8	24.8	8.3	.	88.5
15-19	41.8	2.1	.	31.6	20.8	12.8	.	87.1
20-29	35.8	8.1	0.3	25.9	13.8	25.4	*	87.3
30-39	32.8	13.6	0.4	32.2	12.4	20.7	0.1	86.6
40-49	31.8	18.4	1.0	32.5	13.7	17.4	0.1	86.2
50-59	28.4	26.2	2.4	34.0	16.8	11.7	0.2	83.9
60-64	27.2	34.7	2.0	30.5	21.9	9.2	0.3	82.0
65-69	24.2	85.1	1.5	17.2	34.1	2.1	0.7	67.7
70-74	20.7	87.5	1.5	14.6	41.2	1.7	1.0	66.9
75-79	18.6	89.3	1.4	14.3	45.3	1.4	1.0	65.5
80-84	16.4	90.1	1.3	13.3	49.1	1.3	1.1	64.4
85+	17.6	90.5	0.8	11.6	49.8	1.2	1.0	
0-19	45.2	3.5	*	33.0	21.6	9.3	*	87.9
20-44	33.1	13.7	0.5	31.0	13.0	20.9	0.1	86.7
45-64	28.6	27.6	2.1	32.7	17.9	11.8	0.2	83.7
65-74	22.4	86.3	1.5	15.9	37.7	1.9	0.8	67.3
75+	17.7	89.8	1.2	13.4	47.5	1.3	1.0	64.9
Male	19.8	54.3	2.5	25.2	30.3	9.0	0.5	75.6
Female	31.6	56.9	0.2	21.5	28.8	6.6	0.5	75.2
White	19.7	60.8	1.5	24.5	35.7	6.0	0.6	74.5
Black/Af Am	34.7	46.6	1.7	22.3	16.3	11.5	0.4	77.1
N Am/Alas Native	41.2	42.8	1.8	14.6	33.5	7.6	*	90.1
Asian	37.2	45.6	0.6	24.9	22.9	8.4	0.5	73.3
Pacific Islander	32.9	40.5	1.6	26.6	25.1	8.1	*	77.0
Mid.-east./Arabian	45.0	41.6	*	17.6	19.3	12.0	.	67.6
Ind. Subcont.	33.9	30.0	.	26.5	22.1	13.6	.	74.9
Other/multiracial	31.3	41.5	1.4	13.6	32.0	12.3	*	76.4
Unknown	29.9	47.4	*	13.2	24.7	17.8	.	74.9
Hispanic, Mexican	40.8	41.9	1.0	15.7	17.1	16.2	.	80.2
Hispanic, other	34.9	47.0	1.6	12.3	30.2	9.5	.	75.1
Hispanic, non-specific	40.0	40.4	1.2	18.1	16.1	12.6	2.3	77.3
Non-Hispanic	22.9	58.3	1.5	24.7	31.3	6.7	0.6	74.7
Unknown	28.5	35.2	1.3	24.8	21.7	16.1	.	81.9
Diabetes	29.0	57.3	1.7	22.3	27.5	6.6	0.5	75.9
Hypertension	22.7	62.9	1.3	19.3	32.9	8.9	0.6	72.9
Glomerulonephritis	19.1	35.6	1.2	35.2	27.2	11.0	0.3	80.2
Cystic kidney	13.6	28.6	1.3	47.9	25.3	7.4	0.3	81.1
Other urologic	22.2	55.8	1.8	23.5	30.9	8.4	0.5	76.1
Other cause	23.2	50.0	1.3	26.9	31.4	7.4	0.4	75.7
Unknown cause	23.4	54.3	1.8	20.0	31.6	11.1	0.8	73.9
Missing	*	*	.	*	.	.	.	*
All	25.1	55.5	1.5	23.5	29.6	7.9	0.5	75.4
Total N	78,054	172,489	4,661	73,222	92,125	24,514	1,661	234,564

Table C.3 (continued)

Insurance coverage in the incident population (%)

incident patients with completed Medical Evidence forms; 2006-2008

2006-2008	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	53.2	9.7	*	36.0	14.3	1.8	*	86.2
5-9	55.7	3.0	.	37.3	13.9	4.8	*	83.4
10-14	50.8	2.1	*	34.9	16.9	5.6	.	86.2
15-19	43.7	1.8	*	32.6	17.5	12.4	*	84.9
20-29	35.1	7.7	0.4	29.1	11.1	24.9	0.3	86.5
30-39	33.6	13.2	0.4	33.9	9.5	20.0	0.6	87.0
40-49	32.1	17.7	0.9	35.4	10.1	16.8	1.0	86.2
50-59	28.7	25.0	2.5	36.2	12.4	11.9	1.8	84.2
60-64	26.0	32.8	3.0	34.5	16.0	8.7	2.9	82.0
65-69	23.2	78.6	1.6	19.9	25.9	1.5	8.1	69.5
70-74	20.9	81.2	1.8	17.7	30.5	1.1	9.3	67.8
75-79	18.0	82.5	1.5	17.0	35.5	0.9	9.4	67.0
80-84	16.0	84.0	1.6	15.9	39.0	0.5	8.8	65.5
85+	16.8	85.2	1.2	14.3	41.0	0.6	8.0	
0-19	48.2	3.4	*	34.2	16.4	8.2	*	85.3
20-44	33.4	13.2	0.5	33.6	9.9	20.2	0.6	86.8
45-64	28.4	26.3	2.4	35.6	13.1	11.7	2.0	83.8
65-74	22.0	79.9	1.7	18.8	28.2	1.3	8.7	68.6
75+	17.0	83.6	1.5	16.1	37.9	0.7	8.9	66.1
Male	20.0	50.2	2.8	28.3	23.0	8.3	5.1	76.3
Female	31.2	52.7	0.4	24.2	22.0	6.5	5.0	76.1
White	20.3	55.4	1.7	27.2	27.0	5.9	5.8	75.1
Black/Af Am	33.6	44.0	2.0	25.0	12.3	11.3	3.6	78.4
N Am/Alas Native	36.7	41.6	1.9	16.5	30.7	7.9	1.4	88.3
Asian	37.0	41.5	0.6	27.2	18.5	7.0	3.9	73.7
Pacific Islander	31.7	32.0	1.8	27.5	20.2	10.8	2.5	80.2
Mid.-east./Arabian	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.
Other/multiracial	33.1	42.3	1.9	28.6	25.8	10.2	10.9	80.3
Unknown	.	*	.	.	*	.	.	*
Hispanic, Mexican	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	*	.	.
Hispanic, non-specific	38.3	36.5	1.1	17.5	15.0	12.9	6.7	77.9
Non-Hispanic	22.8	53.7	1.8	27.9	23.7	6.6	4.8	75.9
Unknown	.	.	.	.	.	.	.	*
Diabetes	28.6	52.9	1.9	24.7	20.5	6.5	5.4	76.5
Hypertension	22.7	57.9	1.6	22.2	25.4	8.5	5.7	74.3
Glomerulonephritis	19.3	32.6	1.7	39.2	20.3	9.7	3.3	80.3
Cystic kidney	13.3	26.5	1.3	53.2	18.8	7.0	2.3	81.3
Other urologic	20.9	51.3	1.7	26.6	24.1	7.3	5.7	76.9
Other cause	22.7	46.6	1.4	30.8	24.4	6.9	4.4	76.8
Unknown cause	23.6	50.6	1.9	23.6	25.4	9.5	4.3	73.2
Missing	.	.	.	.	*	.	.	*
All	24.9	51.3	1.7	26.5	22.5	7.5	5.1	76.2
Total N	82,603	170,182	5,751	87,801	74,743	24,899	16,910	252,655

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Table C.3 (continued)

Insurance coverage in the incident population (%)

incident patients with completed Medical Evidence forms; 2009-2011

2009-2011	Medicaid	Medicare	DVA	EGHP	Other	None	Medicare Advantage	Applying for Medicare
0-4	56.6	11.1	*	33.3	17.0	1.9	1.5	86.1
5-9	60.0	*	*	32.0	16.2	*	.	86.0
10-14	54.3	2.8	*	34.0	16.5	4.6	*	86.1
15-19	44.9	3.3	*	33.2	16.7	11.5	*	83.2
20-29	38.8	7.9	0.3	25.4	10.1	25.3	0.5	85.3
30-39	35.2	13.6	0.5	31.1	8.9	21.4	0.8	84.5
40-49	33.4	18.4	1.0	32.9	9.4	17.5	1.6	83.4
50-59	31.1	25.3	2.3	33.0	11.4	12.4	2.9	81.8
60-64	26.0	32.4	4.2	32.3	14.9	8.8	4.5	79.4
65-69	22.4	75.4	2.3	17.8	22.7	1.4	12.2	68.3
70-74	20.6	77.9	1.8	15.0	27.1	0.9	13.9	66.6
75-79	18.6	79.5	2.0	14.0	30.4	0.6	14.2	66.4
80-84	16.5	81.6	1.7	13.5	34.2	0.5	13.5	65.4
85+	16.6	82.8	1.7	12.3	36.4	0.4	12.7	
0-19	50.9	4.6	*	33.2	16.7	7.1	0.5	84.7
20-44	35.2	13.5	0.6	30.7	9.3	21.1	1.0	84.3
45-64	29.8	26.7	2.7	32.7	12.2	11.9	3.2	81.3
65-74	21.6	76.6	2.1	16.5	24.8	1.2	13.0	67.5
75+	17.4	81.0	1.8	13.4	33.1	0.5	13.6	65.5
Male	21.1	48.7	3.3	25.4	20.5	8.5	7.7	74.5
Female	31.7	51.9	0.4	21.8	19.5	6.4	7.9	74.5
White	21.4	53.7	2.0	24.3	23.6	6.3	8.7	73.4
Black/Af Am	33.6	43.6	2.4	23.1	11.6	10.6	6.2	76.7
N Am/Alas Native	35.3	40.7	1.6	15.0	32.6	8.4	1.5	87.8
Asian	37.2	42.9	0.7	24.8	17.4	7.3	5.5	72.3
Pacific Islander	31.1	32.7	1.9	24.2	19.1	10.5	3.9	78.2
Mid.-east./Arabian	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.
Other/multiracial	39.8	45.6	1.4	24.2	21.6	8.5	8.6	76.4
Unknown	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.
Hispanic, non-specific	39.0	35.9	1.3	16.2	12.8	13.1	9.4	75.6
Non-Hispanic	23.4	52.5	2.2	25.2	21.3	6.7	7.5	74.3
Unknown	.	.	.	.	.	.	.	.
Diabetes	29.3	51.2	2.3	21.9	18.3	6.7	8.3	75.0
Hypertension	23.5	55.7	1.9	20.3	22.1	8.6	8.4	72.8
Glomerulonephritis	19.9	32.0	1.9	37.4	19.0	9.9	4.9	78.3
Cystic kidney	14.8	26.5	1.6	49.8	17.1	7.6	3.8	78.8
Other urologic	22.2	50.8	2.3	23.6	22.1	7.8	7.9	74.7
Other cause	23.5	47.4	1.7	27.7	22.3	6.6	6.9	74.5
Unknown cause	23.7	49.8	2.5	21.2	21.3	10.3	7.6	72.7
Missing	.	.	.	.	.	.	.	.
All	25.7	50.1	2.1	23.9	20.1	7.6	7.8	74.5
Total N	88,101	171,923	7,075	81,900	68,940	26,114	26,748	255,658

Table C.4

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (old and new); percent with comorbidity; 2003-2005

2003-2005	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	6.0	*	*	*	2.3	29.5	*	3.8	*	*	*	*	*
5-9	*	*	*	*	.	28.1	.	*	*	.	*	*	*
10-14	2.3	*	*	*	*	38.9	.	*	*	.	.	*	.
15-19	3.1	*	0.7	*	*	52.0	*	2.0	*	*	*	*	1.6
20-29	8.3	0.2	0.8	1.4	1.6	72.3	0.2	13.1	0.3	0.3	1.2	0.6	5.4
30-39	12.1	0.7	1.0	2.4	3.9	78.1	0.4	22.6	1.2	0.6	2.1	1.2	7.2
40-49	19.0	1.8	1.7	4.9	7.2	80.8	0.8	25.8	2.1	1.0	2.5	3.0	9.1
50-59	27.3	3.6	2.5	7.8	12.1	82.0	1.0	31.2	3.1	1.3	3.0	5.9	7.5
60-64	33.1	4.9	3.2	9.8	15.2	81.5	0.9	31.2	3.6	1.5	2.5	8.7	6.1
65-69	36.4	5.6	3.7	11.4	17.7	81.9	0.9	29.1	3.6	1.4	2.2	10.5	4.7
70-74	39.0	6.3	3.9	11.9	18.1	81.0	0.7	25.5	3.6	1.6	1.6	11.7	4.1
75-79	42.1	6.8	4.4	12.3	19.2	81.4	0.5	21.3	3.4	1.6	1.4	12.7	2.8
80-84	44.2	7.3	4.8	12.6	18.3	81.0	0.5	15.8	3.2	1.3	0.8	11.5	1.8
85+	46.3	7.6	5.3	11.8	16.1	79.5	0.3	10.4	2.7	1.3	0.5	10.4	1.0
0-19	3.3	*	0.9	0.7	0.6	42.1	*	2.0	0.3	*	*	0.5	1.0
20-44	13.0	0.8	1.1	2.9	4.3	77.7	0.5	21.3	1.3	0.6	2.1	1.5	7.5
45-64	27.9	3.7	2.6	8.0	12.3	81.8	0.9	30.5	3.1	1.3	2.8	6.3	7.4
65-74	37.7	5.9	3.8	11.7	17.9	81.5	0.8	27.3	3.6	1.5	1.9	11.1	4.4
75+	43.7	7.2	4.7	12.3	18.3	80.9	0.5	17.3	3.2	1.4	1.0	11.8	2.1
Male	31.1	5.1	3.4	9.0	15.0	79.7	0.8	23.4	3.1	1.3	2.0	8.7	6.1
Female	33.3	4.3	3.0	9.5	12.8	81.4	0.5	26.5	2.9	1.3	2.1	7.6	4.2
White	34.3	5.7	3.8	9.4	16.3	78.5	0.7	25.1	3.1	1.3	2.2	10.1	5.2
Black/Af Am	28.5	2.9	2.4	9.3	9.7	84.9	0.7	24.4	2.8	1.4	1.7	5.2	6.0
N Am/Alas Native	32.2	4.4	2.3	8.5	17.4	84.5	1.3	38.1	4.2	1.9	4.1	5.4	6.3
Asian	23.1	4.5	2.4	7.8	6.6	79.2	0.3	18.3	4.7	1.7	2.1	2.5	1.4
Pacific Islander	28.4	3.6	2.0	8.4	9.2	84.2	0.4	24.0	3.8	1.3	2.7	3.0	2.7
Mid.-east./Arabian	29.9	.	.	7.2	9.3	71.6	.	17.8	.	.	.	5.9	3.3
Ind. Subcont.	25.7	*	*	7.1	7.9	78.5	.	22.8	*	*	*	2.4	*
Other/multiracial	26.8	1.1	0.6	6.3	13.3	80.0	0.2	24.2	0.6	0.3	0.5	2.9	2.5
Unknown	29.6	.	.	7.1	12.0	75.6	.	20.7	.	.	.	6.9	2.9
Hispanic, Mexican	27.3	*	*	6.3	11.1	80.4	.	23.8	*	*	.	2.7	2.0
Hispanic, other	28.7	*	*	7.1	14.1	79.4	.	24.8	.	*	.	4.1	2.2
Hispanic, non-specific	29.1	16.9	9.1	7.4	13.1	82.5	3.9	36.5	16.8	6.2	13.7	3.8	2.7
Non-Hispanic	33.2	5.1	3.6	9.8	14.6	80.3	0.7	24.7	3.0	1.3	1.9	9.1	5.7
Unknown	21.2	*	*	5.4	7.8	83.5	.	19.6	*	*	*	3.6	5.0
Diabetes	39.1	5.6	3.4	10.6	18.4	82.7	1.3	47.0	4.8	1.7	4.2	7.7	4.4
Hypertension	32.9	4.9	3.5	10.6	13.9	88.7	0.3	7.4	1.6	1.1	0.3	10.1	6.1
Glomerulonephritis	16.0	2.3	1.9	4.7	5.4	78.5	0.1	3.8	1.0	0.8	0.1	5.9	6.2
Cystic kidney	7.6	2.0	1.5	4.3	3.5	82.0	*	2.2	0.7	0.4	*	3.3	5.7
Other urologic	15.9	2.8	2.6	5.6	7.1	63.1	0.4	4.4	1.2	0.7	*	7.5	6.5
Other cause	22.4	3.7	3.3	5.8	7.9	62.6	0.3	7.7	1.5	1.0	0.2	7.6	5.7
Unknown cause	28.6	4.2	3.7	7.5	8.8	62.6	0.5	8.2	2.1	1.2	0.5	9.5	5.3
Missing	*	*	.	*	*	*	*	*	*	.	.	.	.
All	32.1	4.7	3.2	9.2	14.0	80.5	0.7	24.8	3.0	1.3	2.0	8.2	5.3
Total N	99,813	14,684	10,049	28,722	43,593	250,237	2,210	77,077	9,271	4,000	6,211	25,469	16,358

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Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (old and new); percent with comorbidity; 2003-2005

2003-2005	Malignant 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
0-4	2.0	.	*	.	5.4	3.0	3.2	*	*	*	.	*	6.5
5-9	*	*	*	*	*	*	*	.	.	.	.	*	9.5
10-14	1.4	.	*	.	2.0	*	1.3	.	*	.	.	*	7.3
15-19	0.8	*	*	0.7	1.5	1.0	0.8	*	*	*	*	0.8	6.8
20-29	0.8	0.1	0.7	2.1	1.3	0.5	0.7	0.3	*	0.2	0.2	0.4	2.5
30-39	1.2	0.2	1.9	3.5	1.6	0.6	0.9	0.4	*	0.3	0.1	0.2	1.3
40-49	2.3	0.2	3.2	3.9	2.5	0.9	1.2	0.7	.	0.6	0.1	0.1	0.7
50-59	4.1	0.1	2.2	1.6	4.0	1.4	1.8	1.1	0.1	1.0	0.1	0.1	0.5
60-64	6.1	0.1	1.5	0.4	4.6	1.8	2.1	1.2	0.1	1.2	0.1	.	0.4
65-69	7.5	0.1	1.1	0.2	5.3	2.2	2.4	1.4	0.1	1.4	0.1	*	0.3
70-74	9.0	0.1	0.8	0.1	5.9	2.4	2.7	1.8	0.1	1.8	0.1	*	0.3
75-79	10.4	0.1	0.5	0.1	6.4	2.7	3.1	2.1	0.2	2.1	0.1	*	0.3
80-84	10.7	0.1	0.3	.	7.0	2.9	3.7	2.6	0.3	2.5	0.2	*	0.3
85+	10.6	*	0.2	*	8.2	3.8	4.3	3.6	0.6	3.4	0.1	*	0.3
0-19	1.3	*	*	0.3	2.4	1.4	1.4	*	*	*	*	0.9	7.2
20-44	1.4	0.2	2.1	3.5	1.7	0.6	0.9	0.4	.	0.3	0.1	0.2	1.3
45-64	4.4	0.1	2.2	1.6	4.0	1.5	1.8	1.1	0.1	1.0	0.1	.	0.5
65-74	8.2	0.1	0.9	0.1	5.6	2.3	2.5	1.6	0.1	1.6	0.1	.	0.3
75+	10.5	0.1	0.4	.	7.0	3.0	3.5	2.6	0.3	2.5	0.1	.	0.3
Male	7.2	0.1	2.0	1.4	4.3	1.7	2.0	1.4	0.1	1.3	0.1	0.1	0.6
Female	5.6	0.1	0.6	0.7	5.5	2.3	2.6	1.6	0.1	1.6	0.1	0.1	0.6
White	7.7	0.1	1.2	0.5	5.0	2.0	2.5	1.6	0.2	1.5	0.1	0.1	0.7
Black/Af Am	4.6	0.1	2.0	2.6	4.8	2.0	2.1	1.4	0.1	1.4	0.1	0.1	0.5
N Am/Alas Native	2.9	*	3.9	1.0	3.9	1.2	1.9	0.9	*	0.8	*	*	*
Asian	3.6	*	0.2	*	3.5	1.6	2.1	0.8	*	0.8	*	*	1.2
Pacific Islander	2.4	*	0.6	*	3.7	1.4	1.3	0.5	.	0.5	*	*	0.6
Mid.-east./Arabian	2.7	.	*	*	4.5	2.1	.	.	.	.	.	.	.
Ind. Subcont.	1.9	.	*	*	3.1	*	.	.	.	.	.	.	.
Other/multiracial	2.8	*	1.0	0.8	4.3	1.4	0.6	0.3	*	0.3	*	*	*
Unknown	4.0	.	1.5	*	3.7	1.7	.	.	.	.	.	.	.
Hispanic, Mexican	2.4	*	1.1	0.5	3.2	1.1	.	.	.	.	.	.	.
Hispanic, other	3.5	.	1.0	0.8	4.2	1.7	.	.	.	.	.	.	.
Hispanic, non-specific	3.6	0.3	1.3	0.9	6.8	3.0	10.0	3.6	0.3	3.8	0.4	0.2	3.8
Non-Hispanic	7.2	0.1	1.4	1.1	5.0	2.0	2.4	1.7	0.1	1.6	0.1	0.1	0.6
Unknown	3.1	.	1.4	1.4	1.7	0.5	.	.	.	.	.	.	.
Diabetes	3.9	.	0.8	0.5	5.8	2.2	2.7	1.6	0.1	1.5	0.1	.	0.1
Hypertension	6.1	.	1.6	1.4	3.9	1.6	2.1	1.6	0.1	1.5	0.1	.	0.2
Glomerulonephritis	4.9	0.1	1.5	1.6	1.8	0.6	0.8	0.5	0.1	0.5	0.1	0.1	1.2
Cystic kidney	3.6	*	0.6	0.5	0.8	0.3	0.4	0.3	*	0.2	*	*	1.5
Other urologic	19.8	*	1.3	0.5	6.3	2.6	2.4	1.6	*	1.4	*	0.4	1.7
Other cause	16.1	0.5	2.8	2.1	5.5	2.6	2.7	1.7	0.1	1.6	0.2	0.2	1.8
Unknown cause	8.8	0.2	2.5	1.7	5.9	2.6	2.7	2.2	0.2	2.0	0.2	0.1	2.3
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.
All	6.5	0.1	1.4	1.1	4.8	1.9	2.3	1.5	0.1	1.4	0.1	0.1	0.6
Total N	20,146	325	4,313	3,386	14,989	6,035	7,139	4,655	408	4,426	370	197	1,852

Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form only); percent with comorbidity; 2006-2008

2006-2008	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	4.8	3.0	4.9	2.0	2.7	31.4	*	4.5	2.5	*	1.6	1.7	*
5-9	3.8	*	3.8	*	*	39.8	*	*	*	*	.	*	.
10-14	1.7	*	3.6	*	*	41.2	.	1.4	*	*	*	*	*
15-19	3.3	*	3.7	1.0	*	54.4	*	3.2	*	0.6	*	*	1.6
20-29	7.6	1.4	4.0	1.5	1.5	76.0	0.7	17.0	1.7	1.2	5.3	0.7	6.8
30-39	12.7	3.5	5.4	2.5	4.0	82.1	2.3	29.6	4.9	2.6	10.2	1.2	7.8
40-49	19.3	8.5	8.2	5.2	7.9	84.0	3.4	35.3	9.3	4.0	10.9	3.4	10.4
50-59	27.1	15.7	12.0	8.4	12.0	84.6	4.4	41.7	13.3	5.0	11.8	6.4	9.1
60-64	33.1	22.1	15.4	10.1	15.3	85.2	4.1	43.6	15.7	5.4	11.5	9.6	7.1
65-69	36.6	25.4	18.3	11.4	17.2	85.1	3.6	41.0	16.5	5.6	9.8	11.3	5.8
70-74	39.2	28.7	20.4	12.3	18.4	84.8	3.1	37.0	16.3	5.9	7.6	12.5	4.4
75-79	42.3	31.3	22.7	12.2	19.1	84.5	2.3	30.9	15.4	6.2	5.4	13.2	3.4
80-84	44.9	32.8	24.6	12.3	18.5	84.2	1.6	24.6	14.1	6.0	3.5	13.1	2.0
85+	47.0	31.1	25.2	11.8	16.0	84.1	1.2	17.9	10.9	5.5	2.3	11.5	1.2
0-19	3.3	1.0	3.9	1.2	1.1	45.8	0.3	2.8	0.8	0.5	0.5	0.5	1.0
20-44	13.3	4.1	5.7	3.0	4.5	81.5	2.3	28.7	5.3	2.7	9.4	1.6	8.3
45-64	27.9	16.7	12.5	8.4	12.4	84.7	4.2	41.3	13.5	5.0	11.6	6.9	8.8
65-74	37.9	27.1	19.4	11.8	17.8	84.9	3.4	39.0	16.4	5.8	8.7	11.9	5.1
75+	44.2	31.8	23.9	12.1	18.2	84.3	1.8	25.9	14.0	5.9	4.1	12.8	2.4
Male	31.5	22.8	17.0	9.1	15.0	83.2	3.6	33.0	13.3	5.0	8.3	9.2	7.1
Female	33.1	19.1	14.8	9.7	12.8	84.6	2.4	37.1	12.9	5.2	8.9	8.4	5.0
White	33.7	24.5	18.1	9.3	16.0	81.9	3.1	34.7	13.1	4.7	8.9	10.5	5.9
Black/Af Am	29.8	13.9	12.1	10.0	10.1	87.9	3.1	35.1	12.2	5.7	7.4	5.8	7.3
N Am/Alas Native	30.8	18.7	11.9	7.7	16.5	86.5	7.3	48.8	18.3	8.3	18.6	5.3	6.9
Asian	24.8	17.3	11.5	8.1	7.4	85.2	1.1	29.8	18.7	5.6	8.7	3.2	2.1
Pacific Islander	27.5	15.7	12.2	8.0	9.7	84.7	4.0	39.2	20.3	6.7	12.1	4.1	4.6
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	32.6	24.7	13.1	9.0	17.8	83.4	4.2	38.7	12.8	4.7	14.1	5.2	4.7
Unknown	.	*	.	.	.	*	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	*	.	.	.	.	.
Hispanic, non-specific	28.0	17.9	10.2	7.2	13.7	84.4	3.8	40.5	17.2	5.2	13.6	3.5	2.7
Non-Hispanic	32.9	21.7	17.0	9.7	14.1	83.7	3.0	33.9	12.5	5.1	7.8	9.7	6.7
Unknown	.	.	.	.	.	*	.	*	.	.	.	*	.
Diabetes	39.2	25.4	16.7	10.9	18.7	86.3	5.6	64.0	21.2	6.2	17.7	8.6	5.2
Hypertension	33.3	21.4	17.8	10.6	13.4	90.3	1.3	12.5	7.5	4.9	1.5	10.3	7.0
Glomerulonephritis	15.4	11.5	9.5	4.5	5.5	83.7	0.5	6.4	4.8	3.4	0.8	6.3	7.5
Cystic kidney	7.6	7.9	7.3	4.3	3.3	85.6	0.3	3.2	3.4	2.1	0.3	3.6	5.9
Other urologic	16.2	14.0	10.5	5.3	7.2	68.1	1.2	7.4	5.3	3.6	0.8	8.5	7.5
Other cause	22.7	15.9	15.4	6.0	8.3	68.1	1.2	12.7	6.3	3.6	1.3	8.6	6.8
Unknown cause	27.8	16.9	16.4	7.9	8.5	67.2	1.3	13.7	7.2	4.3	1.5	9.9	6.3
Missing	.	.	.	.	.	*	.	*	.	.	.	*	.
All	32.2	21.2	16.0	9.4	14.0	83.8	3.1	34.8	13.1	5.1	8.6	8.8	6.2
Total N	106,869	70,176	53,192	31,166	46,542	277,891	10,287	115,517	43,537	16,832	28,538	29,293	20,461

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Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form only); percent with comorbidity; 2006-2008

2006-2008	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
0-4	3.0	*	*	*	5.5	3.8	11.2	*	*	*	*	7.9	35.3
5-9	*	*	.	.	4.3	*	7.3	*	.	*	.	9.3	34.3
10-14	*	*	.	*	2.5	*	5.0	*	.	*	*	6.2	38.3
15-19	0.7	*	*	*	1.6	0.8	3.5	0.7	*	*	*	4.0	29.1
20-29	1.0	0.6	0.9	3.1	1.6	0.7	3.6	1.0	0.1	0.6	0.4	1.7	10.8
30-39	1.4	0.5	1.9	3.7	2.2	0.9	4.2	1.5	0.2	1.1	0.4	0.8	5.5
40-49	2.6	0.6	3.2	4.4	3.2	1.4	5.7	2.8	0.2	2.4	0.5	0.4	3.3
50-59	4.8	0.5	2.8	2.5	5.3	2.2	8.3	4.5	0.3	4.1	0.5	0.2	2.3
60-64	6.6	0.5	1.8	0.7	6.6	3.0	10.2	5.5	0.4	5.3	0.4	0.1	1.7
65-69	8.7	0.5	1.2	0.3	7.7	3.7	11.9	7.0	0.5	6.9	0.4	0.1	1.5
70-74	10.0	0.4	0.8	0.1	8.4	4.4	13.5	8.5	0.6	8.3	0.5	0.1	1.4
75-79	11.4	0.3	0.6	0.1	9.4	4.9	15.4	10.4	0.8	10.3	0.5	0.1	1.3
80-84	11.9	0.4	0.3	0.1	10.1	5.5	17.5	12.9	1.3	12.6	0.6	0.1	1.2
85+	11.7	0.2	0.2	*	12.4	6.7	20.6	15.8	2.2	14.9	0.6	0.1	1.2
0-19	1.3	0.3	*	0.4	2.8	1.5	5.6	0.7	*	0.4	0.3	5.7	32.8
20-44	1.6	0.5	2.0	3.9	2.3	0.9	4.5	1.7	0.2	1.4	0.4	0.9	5.9
45-64	5.0	0.5	2.6	2.3	5.4	2.3	8.5	4.6	0.4	4.2	0.5	0.2	2.2
65-74	9.3	0.4	1.0	0.2	8.1	4.1	12.7	7.7	0.5	7.6	0.5	0.1	1.4
75+	11.7	0.3	0.4	0.1	10.3	5.5	17.3	12.4	1.3	12.1	0.6	0.1	1.2
Male	8.0	0.5	2.2	1.8	5.9	2.8	9.7	6.0	0.5	5.7	0.6	0.3	2.6
Female	6.2	0.4	0.8	0.9	7.9	4.0	13.0	8.0	0.7	7.8	0.4	0.3	2.6
White	8.4	0.5	1.4	0.7	7.1	3.4	11.7	7.3	0.7	6.9	0.5	0.3	2.8
Black/Af Am	5.2	0.3	2.1	3.2	6.5	3.4	10.4	6.6	0.3	6.4	0.5	0.2	2.0
N Am/Alas Native	4.1	*	4.3	1.4	5.2	2.0	9.5	3.7	*	3.6	*	*	1.4
Asian	3.8	0.4	0.4	0.1	4.9	2.6	8.3	3.7	0.4	3.8	0.2	0.1	3.9
Pacific Islander	3.1	*	0.7	0.5	5.1	2.9	9.0	2.6	0.4	2.5	*	0.5	3.3
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	5.6	*	1.6	1.7	6.9	2.7	10.6	5.3	*	4.9	*	*	3.4
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-specific	3.5	0.3	1.4	1.0	6.2	3.1	10.6	3.6	0.3	3.6	0.3	0.2	3.6
Non-Hispanic	7.8	0.5	1.6	1.5	6.9	3.4	11.2	7.4	0.7	7.1	0.5	0.3	2.4
Unknown	.	.	.	.	*	*	.	.	.	.	.	.	.
Diabetes	4.5	0.2	0.9	0.8	8.0	3.7	12.5	7.2	0.6	7.1	0.4	0.1	0.5
Hypertension	7.0	0.2	1.8	1.7	6.0	3.2	10.6	7.3	0.7	7.0	0.5	0.2	1.4
Glomerulonephritis	5.3	0.3	1.6	1.8	2.6	1.1	4.9	2.7	0.3	2.3	0.4	0.4	6.2
Cystic kidney	3.9	*	0.7	0.7	1.2	0.5	2.4	1.1	0.2	0.8	0.2	0.8	6.4
Other urologic	21.2	0.4	2.1	0.8	8.5	3.9	11.9	6.7	0.8	6.3	0.7	1.4	8.6
Other cause	17.0	2.0	3.5	2.7	7.5	4.1	12.3	7.7	0.7	7.1	0.8	1.0	7.1
Unknown cause	9.0	0.6	2.6	2.0	7.5	4.2	12.1	8.9	0.6	8.5	0.8	0.5	9.5
Missing	.	.	.	.	*	*	.	.	.	.	.	.	.
All	7.2	0.5	1.6	1.4	6.8	3.4	11.2	6.9	0.6	6.6	0.5	0.3	2.6
Total N	23,967	1,513	5,264	4,658	22,635	11,160	36,984	22,860	2,002	21,930	1,677	1,026	8,636

Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form only); percent with comorbidity; 2009-2011

2009-2011	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	6.9	3.9	5.7	3.2	3.6	39.4	*	6.0	2.4	1.4	*	3.2	*
5-9	*	.	3.9	*	*	34.1	*	*	.	.	.	.	.
10-14	1.4	*	3.9	*	*	44.0	*	2.0	*	*	*	*	*
15-19	3.0	0.6	4.1	0.7	*	57.8	*	3.1	0.8	*	*	0.7	1.9
20-29	7.4	1.2	4.5	1.4	1.7	77.7	0.9	17.4	2.1	1.2	5.2	0.7	7.0
30-39	12.3	3.7	6.1	3.0	4.5	84.1	2.5	33.0	5.3	2.8	10.0	1.8	8.3
40-49	18.9	8.3	8.8	5.1	7.5	86.1	3.7	38.2	9.2	4.2	10.9	3.8	9.7
50-59	26.0	14.7	13.0	8.0	11.1	86.5	4.2	43.6	12.8	5.1	11.4	6.9	9.1
60-64	31.6	20.2	16.9	10.2	14.0	86.6	4.2	46.0	14.4	5.4	10.7	9.7	7.2
65-69	34.8	24.4	19.6	10.9	15.7	86.8	3.5	44.1	14.6	5.6	8.8	12.0	6.1
70-74	37.6	26.8	22.1	11.8	16.7	87.1	2.8	40.2	15.1	5.7	7.2	13.2	4.8
75-79	40.8	29.0	25.0	11.5	17.4	86.8	2.0	34.1	15.1	6.1	5.2	13.5	3.2
80-84	43.1	31.0	26.7	11.5	17.3	86.2	1.4	27.3	13.8	5.8	3.6	12.9	2.0
85+	46.6	31.0	28.1	10.9	15.6	86.5	1.0	19.6	11.1	5.3	2.3	11.6	1.1
0-19	3.1	1.3	4.3	1.3	1.0	48.6	0.6	3.4	1.0	0.5	0.4	1.1	1.1
20-44	13.0	4.2	6.3	3.1	4.7	83.3	2.5	31.1	5.7	2.8	9.3	1.9	8.1
45-64	26.9	15.6	13.7	8.4	11.5	86.5	4.2	43.7	12.9	5.1	11.1	7.4	8.7
65-74	36.1	25.5	20.8	11.3	16.2	87.0	3.1	42.2	14.8	5.6	8.1	12.6	5.5
75+	42.9	30.1	26.3	11.4	16.9	86.5	1.6	28.4	13.7	5.8	3.9	12.9	2.3
Male	30.6	21.5	18.3	8.9	13.9	85.4	3.7	36.0	12.8	5.0	8.1	9.2	7.0
Female	31.9	18.2	16.5	9.4	11.8	86.3	2.2	39.7	12.3	5.1	8.5	9.3	5.1
White	32.3	23.0	19.5	8.8	14.7	84.1	3.1	37.4	12.3	4.7	8.5	10.8	6.0
Black/Af Am	29.4	13.7	13.8	10.1	9.9	89.6	3.0	38.0	11.9	5.6	7.1	6.6	7.4
N Am/Alas Native	26.9	18.5	11.0	7.1	16.6	87.5	6.9	52.1	17.6	7.8	20.8	5.9	7.5
Asian	24.6	16.5	13.5	7.9	6.9	87.7	0.9	31.9	17.9	5.9	8.1	4.1	2.1
Pacific Islander	28.9	16.6	16.3	6.7	8.8	87.1	3.2	43.7	19.4	6.6	14.7	3.8	4.5
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	26.2	19.9	17.1	11.8	13.4	83.9	4.0	40.1	11.8	5.1	11.3	6.9	4.3
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-specific	26.7	17.1	11.8	7.5	13.4	86.7	3.9	44.3	16.4	5.0	13.6	3.9	2.7
Non-Hispanic	31.9	20.5	18.5	9.4	13.0	85.7	2.9	36.4	11.9	5.1	7.4	10.2	6.8
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	37.2	23.9	17.9	10.5	17.2	87.9	5.4	67.0	19.7	5.9	16.8	9.1	5.4
Hypertension	32.1	19.7	19.5	10.2	12.1	91.8	1.3	14.9	7.7	5.0	1.5	10.7	7.0
Glomerulonephritis	14.9	11.2	10.6	4.3	5.3	85.1	0.6	7.6	5.1	3.7	0.8	6.4	7.3
Cystic kidney	7.6	7.5	8.6	4.2	2.7	86.7	0.3	3.9	3.7	2.4	0.3	3.5	6.0
Other urologic	15.8	13.4	11.5	5.2	7.3	72.4	0.9	7.8	4.8	4.5	0.9	8.2	7.6
Other cause	22.9	15.8	17.4	6.1	8.3	71.0	1.3	16.2	6.2	3.8	1.3	9.2	6.5
Unknown cause	27.0	17.1	17.6	7.8	8.6	71.1	1.4	14.7	6.6	4.7	1.5	10.3	6.2
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.
All	31.1	20.0	17.5	9.1	13.0	85.8	3.0	37.6	12.5	5.1	8.3	9.3	6.2
Total N	106,792	68,784	60,138	31,228	44,740	294,421	10,432	128,926	43,051	17,413	28,395	31,809	21,293

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Table C.4 (continued)

Incident patient comorbidity (%)

incident patients with completed Medical Evidence forms (new form only); percent with comorbidity: 2009-2011

2009-2011	Malignant 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
0-4	3.3	*	.	.	6.0	4.6	12.4	3.1	*	1.9	*	8.6	36.3
5-9	4.1	*	.	.	3.6	*	8.2	*	.	*	.	9.4	37.3
10-14	1.4	*	.	.	3.0	1.3	6.3	.	.	.	.	6.6	36.0
15-19	1.5	*	*	0.6	1.8	0.8	5.3	0.9	*	*	0.8	4.4	25.9
20-29	1.0	0.5	1.1	3.0	1.8	1.0	4.8	1.4	0.2	1.0	0.4	1.7	10.3
30-39	1.4	0.5	2.2	3.1	2.2	1.0	4.8	1.9	0.2	1.4	0.4	0.7	4.6
40-49	2.5	0.6	3.2	3.4	3.4	1.6	6.5	3.1	0.3	2.6	0.6	0.5	2.8
50-59	4.7	0.6	3.0	2.4	5.2	2.5	9.1	5.0	0.4	4.6	0.5	0.3	1.8
60-64	6.9	0.5	1.9	0.9	6.8	3.4	11.5	6.7	0.4	6.3	0.5	0.2	1.5
65-69	9.0	0.5	1.4	0.4	8.0	4.2	13.1	8.1	0.5	7.9	0.5	0.1	1.2
70-74	10.7	0.4	0.9	0.2	8.8	4.8	14.9	9.5	0.6	9.2	0.6	0.1	1.0
75-79	12.1	0.3	0.6	0.1	9.5	5.4	16.9	11.4	0.8	11.1	0.6	0.1	0.9
80-84	12.6	0.3	0.4	0.1	10.8	6.0	19.4	14.0	1.3	13.3	0.7	0.1	1.0
85+	11.9	0.2	0.2	*	12.8	7.5	23.7	17.4	2.3	16.3	0.8	*	1.0
0-19	2.1	*	*	0.3	3.1	1.8	7.3	1.1	*	0.5	0.6	6.3	31.4
20-44	1.6	0.5	2.2	3.1	2.4	1.2	5.2	2.1	0.2	1.6	0.4	0.8	5.3
45-64	5.1	0.5	2.7	2.1	5.5	2.6	9.5	5.3	0.4	4.9	0.5	0.3	1.8
65-74	9.8	0.5	1.1	0.3	8.4	4.5	14.0	8.8	0.6	8.5	0.5	0.1	1.1
75+	12.2	0.3	0.5	0.1	10.7	6.1	19.3	13.7	1.3	13.1	0.7	0.1	0.9
Male	8.3	0.5	2.3	1.6	6.2	3.2	11.1	6.9	0.5	6.4	0.6	0.3	2.2
Female	6.5	0.4	0.8	0.9	8.2	4.5	14.4	8.9	0.8	8.5	0.5	0.3	2.2
White	8.6	0.5	1.6	0.8	7.4	3.8	13.0	8.2	0.8	7.7	0.6	0.3	2.4
Black/Af Am	5.7	0.3	2.0	2.5	6.7	3.8	11.5	7.3	0.4	7.1	0.5	0.2	1.6
N Am/Alas Native	3.8	0.3	5.1	2.2	5.2	2.3	8.9	5.1	0.4	4.6	0.3	*	1.6
Asian	4.0	0.4	0.3	0.1	5.4	3.0	10.7	4.7	0.3	4.6	0.3	0.2	2.6
Pacific Islander	3.0	0.3	0.8	0.4	5.4	3.4	12.6	3.3	*	3.1	*	*	1.9
Mid.-east./Arabian	.	.	.	.	.	.	.	.	.	.	.	.	.
Ind. Subcont.	.	.	.	.	.	.	.	.	.	.	.	.	.
Other/multiracial	5.6	*	1.6	2.0	6.8	3.9	12.6	8.6	*	8.8	*	*	3.4
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, Mexican	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, other	.	.	.	.	.	.	.	.	.	.	.	.	.
Hispanic, non-specific	3.7	0.2	1.6	1.0	6.5	3.5	12.3	4.4	0.4	4.3	0.3	0.3	2.8
Non-Hispanic	8.2	0.5	1.7	1.3	7.2	3.8	12.5	8.3	0.7	7.9	0.6	0.3	2.1
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.
Diabetes	4.7	0.2	0.9	0.8	8.0	4.0	13.6	7.9	0.6	7.6	0.5	0.1	0.4
Hypertension	7.2	0.2	1.7	1.5	6.3	3.5	12.2	8.1	0.8	7.6	0.5	0.2	1.0
Glomerulonephritis	5.5	0.3	1.7	1.6	2.5	1.2	5.2	2.8	0.3	2.4	0.4	0.4	5.8
Cystic kidney	4.0	*	0.7	0.7	1.1	0.6	2.5	1.2	0.2	1.0	0.2	1.1	5.9
Other urologic	21.6	0.4	1.1	1.0	9.1	4.8	13.4	9.1	0.9	7.8	1.1	1.2	7.4
Other cause	17.3	1.9	4.1	2.2	8.7	5.0	14.4	9.6	0.7	8.9	0.9	1.0	6.5
Unknown cause	9.8	0.5	2.9	1.8	7.6	4.5	13.0	9.7	0.8	9.0	0.9	0.5	7.8
Missing	.	.	.	.	.	.	.	.	.	.	.	.	.
All	7.5	0.5	1.7	1.3	7.1	3.7	12.5	7.8	0.6	7.3	0.6	0.3	2.2
Total N	25,819	1,555	5,799	4,335	24,262	12,851	42,822	26,648	2,188	25,146	1,942	1,076	7,480

Table C.5

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

2006-2008	Sessions per week				Hours per session			
	1-2	3	4	5 +	1-2	3	4	5 +
0-4	1.7	84.4	5.6	8.4	10.6	53.6	34.6	1.1
5-9	4.5	87.9	6.1	1.5	7.6	63.6	28.0	0.8
10-14	4.1	92.9	2.6	0.5	3.8	68.9	27.3	.
15-19	2.5	94.7	1.9	0.9	1.2	50.2	48.1	0.5
20-29	0.7	97.5	1.2	0.6	0.6	34.2	64.0	1.2
30-39	0.9	97.5	1.4	0.2	0.4	30.7	67.2	1.7
40-49	0.9	97.5	1.4	0.2	0.5	31.2	66.9	1.5
50-59	1.0	97.5	1.3	0.2	0.5	32.0	66.2	1.3
60-64	1.1	97.6	1.2	0.1	0.4	33.3	65.3	1.0
65-69	1.3	97.5	1.1	0.1	0.5	34.6	64.0	0.9
70-74	1.5	97.4	1.0	0.1	0.5	36.8	62.0	0.7
75-79	1.8	97.1	1.0	0.1	0.5	39.9	59.0	0.6
80-84	2.4	96.7	0.9	.	0.7	43.2	55.7	0.4
85+	3.1	96.1	0.7	.	1.1	48.9	49.7	0.3
0-19	2.9	93.0	2.6	1.5	2.9	54.9	41.7	0.5
20-44	0.8	97.5	1.4	0.3	0.5	31.5	66.4	1.6
45-64	1.0	97.5	1.3	0.2	0.4	32.3	66.0	1.2
65-74	1.4	97.5	1.0	0.1	0.5	35.7	63.0	0.8
75+	2.3	96.7	0.9	0.1	0.7	43.0	55.8	0.5
Male	1.3	97.3	1.2	0.2	0.5	33.4	64.9	1.2
Female	1.6	97.2	1.0	0.1	0.6	39.4	59.3	0.7
White	1.7	97.1	1.0	0.2	0.6	37.4	61.2	0.8
Black/Af Am	0.8	97.7	1.4	0.1	0.4	30.5	67.8	1.4
N Am/Alas Native	1.4	97.4	1.1	0.1	0.5	28.8	70.1	0.5
Asian	2.4	96.6	0.9	0.1	0.8	59.1	39.6	0.4
Pacific Islander	1.1	97.7	1.1	0.2	0.8	44.0	54.1	1.1
Other/multiracial	1.0	97.8	1.0	0.2	0.6	36.2	62.5	0.7
Unknown	.	100.0	.	.	.	100.0	.	.
Hispanic, non-specific	1.0	97.8	1.2	0.1	0.5	39.8	59.2	0.5
Non-Hispanic	1.5	97.2	1.1	0.2	0.6	35.4	63.0	1.0
Diabetes	1.2	97.5	1.2	0.1	0.4	34.2	64.2	1.1
Hypertension	1.7	97.1	1.1	0.1	0.7	37.7	60.8	0.8
Glomerulonephritis	1.6	97.1	1.0	0.3	0.6	35.6	62.5	1.3
Cystic kidney	2.0	96.4	0.8	0.8	0.9	38.3	59.8	1.0
Other urologic	2.4	96.6	0.8	0.1	0.6	38.1	60.7	0.6
Other cause	1.5	97.2	1.1	0.2	0.6	37.0	61.7	0.7
Unknown cause	1.6	97.1	1.1	0.3	0.7	40.4	58.0	0.9
Missing								
All	1.5	97.3	1.1	0.1	0.6	36.0	62.4	1.0
Total N	4,428	295,643	3,451	434	1,679	109,547	189,814	2,916

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Table C.5 (continued)

Prescribed therapy for hemodialysis patients (item 23 on ME Form)

incident patients with completed Medical Evidence forms

2009-2011	Sessions per week				Hours per session			
	1-2	3	4	5 +	1-2	3	4	5 +
0-4	2.7	87.6	5.3	4.4	7.6	47.6	44.4	0.4
5-9	1.5	96.2	2.3	.	6.1	70.5	23.5	.
10-14	5.0	94.0	0.8	0.3	4.0	61.5	34.5	.
15-19	2.4	95.7	1.5	0.5	1.9	48.4	49.4	0.3
20-29	0.9	97.3	1.1	0.7	0.5	31.2	66.4	2.0
30-39	0.6	97.7	1.3	0.4	0.5	26.4	70.9	2.2
40-49	0.9	97.5	1.3	0.4	0.5	26.3	71.1	2.1
50-59	0.9	97.7	1.1	0.3	0.4	27.1	70.8	1.8
60-64	1.0	97.7	1.0	0.3	0.4	28.3	69.9	1.4
65-69	1.2	97.6	1.0	0.2	0.4	29.8	68.6	1.2
70-74	1.3	97.4	1.0	0.2	0.4	31.7	66.9	0.9
75-79	1.7	97.3	0.8	0.1	0.5	34.4	64.3	0.8
80-84	2.2	96.8	0.9	0.1	0.6	38.5	60.4	0.5
85+	3.0	96.1	0.7	0.2	0.9	45.4	53.3	0.5
0-19	2.9	94.5	1.8	0.9	3.2	52.4	44.2	0.3
20-44	0.7	97.6	1.2	0.5	0.5	27.2	70.1	2.2
45-64	0.9	97.6	1.1	0.3	0.4	27.4	70.5	1.7
65-74	1.3	97.5	1.0	0.2	0.4	30.7	67.8	1.0
75+	2.2	96.9	0.8	0.1	0.6	38.4	60.3	0.6
Male	1.2	97.4	1.1	0.3	0.4	28.6	69.4	1.5
Female	1.5	97.3	0.9	0.2	0.6	34.7	63.8	1.0
White	1.6	97.1	0.9	0.3	0.6	32.4	66.0	1.1
Black/Af Am	0.6	98.0	1.2	0.2	0.3	26.2	71.5	1.9
N Am/Alas Native	1.3	97.6	0.9	0.2	0.4	20.8	77.9	0.8
Asian	2.2	96.5	1.1	0.2	0.6	52.2	46.6	0.6
Pacific Islander	1.1	96.2	2.4	0.3	0.8	37.4	60.6	1.1
Other/multiracial	0.8	97.4	1.4	0.4	0.7	33.7	64.7	0.9
Unknown								
Hispanic, non-specific	1.0	97.9	0.9	0.1	0.5	33.0	65.6	0.9
Non-Hispanic	1.4	97.3	1.0	0.3	0.5	30.9	67.2	1.4
Diabetes	1.1	97.6	1.0	0.2	0.4	29.2	69.0	1.4
Hypertension	1.6	97.1	1.2	0.2	0.5	32.9	65.4	1.1
Glomerulonephritis	1.2	97.3	0.9	0.6	0.7	32.0	65.8	1.5
Cystic kidney	2.0	95.7	0.9	1.4	1.3	32.7	64.7	1.4
Other urologic	1.9	96.9	0.9	0.3	0.6	33.5	65.3	0.6
Other cause	1.5	97.4	0.9	0.3	0.6	33.0	65.3	1.2
Unknown cause	1.4	97.4	0.9	0.2	0.5	34.5	63.8	1.2
Missing								
All	1.3	97.4	1.0	0.3	0.5	31.2	67.0	1.3
Total N	4,170	303,857	3,206	810	1,553	97,475	208,958	4,057

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	2011
INCIDENT COUNTS															
Modality															
Dialysis	29,997	49,760	69,135	92,821	96,008	98,061	100,685	102,777	104,893	108,549	108,630	110,204	113,982	114,535	112,788
Started with a transplant	542	1,105	1,222	1,741	1,823	1,933	1,996	2,246	2,405	2,619	2,643	2,631	2,692	2,855	2,855
Dialysis type															
Center hemodialysis	24,489	41,382	58,668	84,738	87,937	90,525	92,987	94,983	97,330	101,156	101,472	102,821	106,002	105,622	102,900
Center self hemodialysis	.	.	51	28	45	53	47	28	31	32	44	50	68	87	74
Home hemodialysis	253	188	396	381	359	247	408	464	413	400	422	510	551	680	770
CAPD	4,096	5,908	7,294	5,056	5,043	4,735	4,803	4,801	4,803	4,561	4,359	4,429	4,835	5,080	5,307
CCPD	134	614	2,075	2,361	2,394	2,250	2,216	2,225	2,063	2,112	2,085	2,093	2,168	2,117	2,131
Other PD	580	664	201	119	103	135	114	121	112	103	104	123	168	594	888
Uncertain dialysis	445	1,004	450	138	127	116	110	155	141	185	144	178	190	355	718
All	30,539	50,865	70,357	94,562	97,831	99,994	102,681	105,023	107,298	111,168	111,273	112,835	116,674	117,390	115,643
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	97.5
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	2.5
Dialysis type															
Center hemodialysis	81.6	83.2	84.9	91.3	91.6	92.3	92.4	92.4	92.8	93.2	93.4	93.3	93.0	92.2	91.2
Center self hemodialysis	.	.	0.1	.	.	0.1	.	.	.	.	.	.	0.1	0.1	0.1
Home hemodialysis	0.8	0.4	0.6	0.4	0.4	0.3	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.7
CAPD	13.7	11.9	10.6	5.4	5.3	4.8	4.8	4.7	4.6	4.2	4.0	4.0	4.2	4.4	4.7
CCPD	0.4	1.2	3.0	2.5	2.5	2.3	2.2	2.2	2.0	1.9	1.9	1.9	1.9	1.8	1.9
Other PD	1.9	1.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.8
Uncertain dialysis	1.5	2.0	0.7	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.3	0.6
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	100.0
POINT PREVALENT COUNTS															
Modality															
Dialysis	84,617	134,029	208,272	282,895	296,144	308,391	320,184	331,786	343,626	357,057	370,458	384,705	400,754	416,738	430,273
Functioning graft	26,591	50,582	77,844	108,494	115,022	121,899	128,678	136,094	143,536	151,282	158,541	165,468	172,282	179,080	185,626
Dialysis type															
Center hemodialysis	66,419	110,616	174,249	254,621	268,147	280,384	291,772	303,183	314,570	327,451	340,034	353,327	367,628	380,503	389,922
Center self hemodialysis	.	.	503	263	311	267	188	179	137	102	141	151	189	182	199
Home hemodialysis	5,681	2,478	2,068	1,598	1,293	1,219	1,341	1,480	1,641	2,110	2,706	3,415	4,107	4,904	5,535
CAPD	10,501	16,795	22,163	13,247	12,486	11,637	11,317	10,964	10,918	10,608	10,197	10,028	9,998	10,155	10,147
CCPD	540	1,976	7,781	11,864	12,716	13,702	14,428	14,748	15,094	15,483	16,047	16,451	17,437	19,090	21,537
Other PD	820	444	213	98	89	98	91	110	102	109	95	116	148	585	1,260
Uncertain dialysis	655	1,720	1,295	1,204	1,102	1,084	1,047	1,122	1,164	1,194	1,238	1,217	1,247	1,319	1,673
All	111,208	184,611	286,116	391,389	411,166	430,290	448,862	467,880	487,162	508,339	528,999	550,173	573,036	595,818	615,899
PERCENTAGES															
Modality															
Dialysis	76.1	72.6	72.8	72.3	72.0	71.7	71.3	70.9	70.5	70.2	70.0	69.9	69.9	69.9	69.9
Functioning graft	23.9	27.4	27.2	27.7	28.0	28.3	28.7	29.1	29.5	29.8	30.0	30.1	30.1	30.1	30.1
Dialysis type															
Center hemodialysis	78.5	82.5	83.7	90.0	90.5	90.9	91.1	91.4	91.5	91.7	91.8	91.8	91.7	91.3	90.6
Center self hemodialysis	.	.	0.2	0.1	0.1	0.1	0.1	0.1	.	.	.	.	.	.	.
Home hemodialysis	6.7	1.8	1.0	0.6	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.9	1.0	1.2	1.3
CAPD	12.4	12.5	10.6	4.7	4.2	3.8	3.5	3.3	3.2	3.0	2.8	2.6	2.5	2.4	2.4
CCPD	0.6	1.5	3.7	4.2	4.3	4.4	4.5	4.4	4.4	4.3	4.3	4.3	4.4	4.6	5.0
Other PD	1.0	0.3	0.1	.	.	.	.	.	.	.	.	.	.	0.1	0.3
Uncertain dialysis	0.8	1.3	0.6	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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	100.0

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Table D.10

Incident ESRD patients, 2011, 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	104	.	.	78	76	*	16	42	320
5-9	41	.	.	25	24	*	*	49	146
10-14	148	.	.	34	45	*	*	69	302
15-19	402	.	*	58	42	*	11	120	642
20-29	2,283	.	13	184	66	30	46	160	2,782
30-39	4,779	*	27	454	168	80	70	315	5,894
40-49	10,365	*	74	712	286	145	113	562	12,259
50-59	19,840	*	131	1,156	465	245	168	718	22,732
60-64	13,396	13	86	689	246	143	106	355	15,034
65-69	12,711	12	97	584	227	78	63	279	14,051
70-74	12,024	11	93	500	188	61	53	138	13,068
75-79	11,374	*	90	413	149	47	30	43	12,155
80-84	9,074	*	82	262	98	33	18	*	9,580
85+	6,287	*	76	158	51	12	13	*	6,606
Unknown	72	.	.	.	.	.	.	.	72
0-19	695	.	*	195	187	14	38	280	1,410
20-44	11,199	*	65	963	365	174	175	739	13,682
45-64	39,464	23	266	2,232	866	469	328	1,371	45,019
65-74	24,735	23	190	1,084	415	139	116	417	27,119
75+	26,735	26	248	833	298	92	61	48	28,341
Unknown	72	.	.	.	.	.	.	.	72
Male	58,936	43	460	2,957	1,204	505	439	1,656	66,200
Female	43,963	31	310	2,350	927	383	279	1,198	49,441
Unknown	*	.	.	.	.	.	.	*	*
White	67,087	62	522	3,741	1,537	600	240	1,875	75,664
Black/Af Am	29,476	*	215	1,155	472	195	70	268	31,857
Native American	1,195	.	*	62	14	15	*	95	1,389
Asian	4,790	*	24	338	99	77	13	556	5,903
Other	159	.	*	*	*	.	11	22	206
Unknown	193	.	*	*	*	*	380	39	624
Hispanic	15,627	*	61	699	342	145	18	254	17,149
Non-Hispanic	87,273	71	709	4,608	1,789	743	700	2,601	98,494
Diabetes	46,532	26	327	2,222	818	393	44	439	50,801
Hypertension	29,491	27	247	1,358	519	218	28	296	32,184
Glomerulonephritis	5,685	*	36	682	273	103	18	531	7,333
Cystic kidney	1,602	.	24	260	108	51	20	465	2,530
Other urologic	1,328	*	*	70	24	13	*	48	1,492
Other cause	13,378	*	95	508	290	85	37	559	14,960
Unknown cause	3,292	*	25	149	56	21	*	131	3,688
Missing cause	1,592	*	13	58	43	*	558	386	2,655
All	102,900	74	770	5,307	2,131	888	718	2,855	115,643

Table D.11

Point prevalent ESRD patients, 2011, 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	304	.	*	88	185	*	18	295	900
5-9	93	.	.	31	84	.	11	906	1,125
10-14	249	*	*	44	153	*	12	1,492	1,954
15-19	841	.	17	86	240	*	37	2,776	4,004
20-29	8,899	*	182	366	978	46	119	8,793	19,389
30-39	21,795	27	578	932	2,011	112	184	18,692	44,331
40-49	46,727	44	1,067	1,671	3,330	205	281	36,991	90,316
50-59	82,959	40	1,293	2,487	4,564	362	414	49,972	142,091
60-64	52,856	23	691	1,422	2,590	213	239	25,398	83,432
65-69	48,021	14	596	1,041	2,594	113	129	19,471	71,979
70-74	50,279	24	511	915	2,300	104	108	14,025	68,266
75-79	28,832	*	245	476	1,146	41	50	4,470	35,270
80-84	27,726	*	201	389	885	37	42	1,908	31,194
85+	20,339	*	151	199	477	*	29	437	21,646
Unknown	*	.	.	.	.	.	.	.	*
0-19	1,487	*	20	249	662	17	78	5,469	7,983
20-44	50,064	49	1,277	2,067	4,484	245	440	43,883	102,509
45-64	163,172	91	2,534	4,811	8,989	693	797	95,963	277,050
65-74	90,553	35	1,034	1,829	4,571	201	219	31,929	130,371
75+	84,644	23	670	1,191	2,831	104	139	8,382	97,984
Unknown	*	.	.	.	.	.	.	.	*
Male	218,041	113	3,388	5,278	11,516	708	1,003	110,631	350,678
Female	171,878	86	2,147	4,869	10,021	552	670	74,993	265,216
Unknown	*	.	.	.	.	.	.	*	*
White	214,176	101	3,630	6,528	14,267	824	717	131,595	371,838
Black/Af Am	147,609	92	1,639	2,657	5,612	281	344	36,976	195,210
Native American	5,841	*	43	134	242	20	13	2,142	8,437
Asian	20,108	*	210	791	1,328	134	61	12,447	35,083
Other	1,721	.	11	22	73	.	21	1,882	3,730
Unknown	467	.	*	15	15	*	517	584	1,601
Hispanic	68,029	16	443	1,365	3,219	202	142	25,513	98,929
Non-Hispanic	321,893	183	5,092	8,782	18,318	1,058	1,531	160,113	516,970
Diabetes	176,437	65	1,767	3,555	7,382	541	275	42,962	232,984
Hypertension	113,037	69	1,336	2,681	5,604	301	174	30,108	153,310
Glomerulonephritis	34,738	24	1,024	1,593	3,478	181	200	47,018	88,256
Cystic kidney	9,065	*	306	553	1,044	74	55	18,211	29,318
Other urologic	6,503	*	146	169	403	25	26	5,891	13,167
Other cause	35,125	19	768	1,163	2,745	108	179	28,009	68,116
Unknown cause	12,409	*	156	360	724	27	31	8,382	22,095
Missing cause	2,608	*	32	73	157	*	733	5,045	8,653
All	389,922	199	5,535	10,147	21,537	1,260	1,673	185,626	615,899

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Table D.17

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

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

	2003							2007						
	M'care FFS	M'care/ Mcaid	MSP		Other/ unk		All	M'care FFS	M'care/ Mcaid	MSP		Other/ unk		All
			EGHP	Non-EGHP	HMO					EGHP	Non-EGHP	HMO		
0-4	47	20	43	*	.	86	198	68	16	53	*	*	97	237
5-9	34	25	26	.	.	62	147	30	13	25	.	.	62	130
10-14	104	20	75	*	.	138	338	99	22	66	.	.	126	313
15-19	251	25	138	.	.	211	625	207	26	116	*	*	279	630
20-29	1,142	171	466	*	*	758	2,548	1,251	182	415	*	26	958	2,840
30-39	2,361	508	1,232	20	24	1,589	5,734	2,410	510	1,122	22	84	1,757	5,905
40-49	4,779	1,132	2,663	51	102	2,900	11,627	4,766	1,244	2,582	90	334	3,338	12,354
50-59	7,882	1,975	4,455	108	371	4,373	19,164	8,529	2,199	4,662	170	1,038	5,480	22,078
60-64	5,071	1,299	2,133	69	352	2,342	11,266	5,432	1,293	2,300	111	1,012	2,834	12,982
65-69	6,744	2,811	725	111	1,336	442	12,169	6,071	2,569	932	132	2,646	465	12,815
70-74	7,242	2,618	311	121	1,870	290	12,452	6,453	2,422	379	130	2,976	342	12,702
75-79	7,831	2,307	171	149	1,817	223	12,498	6,725	2,022	134	140	2,975	251	12,247
80-84	5,850	1,521	62	115	1,222	141	8,911	5,902	1,421	79	118	2,230	158	9,908
85+	3,324	874	13	56	683	54	5,004	3,796	905	29	62	1,248	91	6,131
Unknown	.	.	.	.	.	.	.	.	.	.	.	*	.	*
0-19	436	90	282	*	.	497	1,308	404	77	260	*	*	564	1,310
20-44	5,506	1,158	2,772	43	70	3,587	13,136	5,655	1,219	2,596	60	216	4,114	13,860
45-64	15,729	3,927	8,177	210	785	8,375	37,203	16,733	4,209	8,485	341	2,278	10,253	42,299
65-74	13,986	5,429	1,036	232	3,206	732	24,621	12,524	4,991	1,311	262	5,622	807	25,517
75+	17,005	4,702	246	320	3,722	418	26,413	16,423	4,348	242	320	6,453	500	28,286
Unknown	.	.	.	.	.	.	.	.	.	.	.	*	.	*
Male	30,431	5,919	7,411	486	4,268	7,127	55,642	30,834	6,219	7,839	603	7,995	8,926	62,416
Female	22,231	9,387	5,102	322	3,515	6,482	47,039	20,905	8,625	5,055	383	6,577	7,312	48,857
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	.	.
White	36,798	8,026	8,268	566	5,723	7,038	66,419	36,360	8,177	8,494	694	10,192	9,026	72,943
Black/Af Am	13,554	5,921	3,511	217	1,633	4,749	29,585	13,297	5,379	3,689	264	3,785	5,294	31,708
Native American	573	245	113	*	23	180	1,143	592	245	126	*	43	260	1,276
Asian	1,181	894	495	14	351	836	3,771	1,451	1,021	578	16	531	1,467	5,064
Other	546	210	124	*	51	739	1,671	29	12	*	*	18	71	137
Unknown	*	*	*	*	*	67	92	*	*	*	*	*	120	145
†Hispanic	5,592	2,698	1,234	46	1,020	2,728	13,318	5,377	2,664	1,294	98	2,178	3,534	15,145
†Non-Hispanic	47,070	12,608	11,279	762	6,763	10,881	89,363	46,362	12,180	11,600	888	12,394	12,704	96,128
Diabetes	22,793	8,238	5,411	362	3,474	5,391	45,669	21,928	7,804	5,542	430	7,050	6,368	49,122
Hypertension	16,001	4,355	2,345	238	2,647	3,011	28,597	15,822	4,138	2,499	282	4,452	3,656	30,849
Glomerulonephritis	4,038	599	1,856	44	435	1,487	8,459	3,337	561	1,606	44	576	1,501	7,625
Cystic kidney	920	125	756	*	92	407	2,305	1,031	127	809	*	135	539	2,649
Other urologic	1,514	326	328	28	204	408	2,808	753	186	177	12	186	234	1,548
Other cause	4,973	1,113	1,374	94	638	2,000	10,192	6,440	1,369	1,768	155	1,514	2,878	14,124
Unknown cause	2,203	463	372	31	278	678	4,025	2,152	565	456	44	584	820	4,621
Missing cause	220	87	71	*	15	227	626	276	94	37	11	75	242	735
All	52,662	15,306	12,513	808	7,783	13,609	102,681	51,739	14,844	12,894	986	14,572	16,238	111,273

Table D.17 (continued)

Counts of incident ESRD patients, by payer category: all patients
by age, gender, race, ethnicity, & primary diagnosis

	2011						
	M'care FFS	M'care/ Mcaid	MSP EGHP	MSP Non-EGHP	HMO	Other/ unk	All
0-4	55	33	31	*	.	200	320
5-9	36	15	14	.	.	81	146
10-14	84	17	48	*	.	152	302
15-19	187	30	81	*	*	341	642
20-29	1,050	196	319	22	22	1,173	2,782
30-39	2,347	570	791	69	108	2,009	5,894
40-49	4,581	1,318	1,948	190	454	3,768	12,259
50-59	8,015	2,637	3,889	358	1,420	6,413	22,732
60-64	5,662	1,616	2,286	206	1,398	3,866	15,034
65-69	6,198	2,644	985	168	3,447	609	14,051
70-74	6,271	2,288	384	197	3,481	447	13,068
75-79	5,989	2,130	165	176	3,356	339	12,155
80-84	5,181	1,511	54	131	2,461	242	9,580
85+	3,809	971	33	98	1,519	176	6,606
Unknown	.	.	.	.	.	72	72
0-19	362	95	174	*	*	774	1,410
20-44	5,296	1,261	1,909	170	292	4,754	13,682
45-64	16,359	5,076	7,324	675	3,110	12,475	45,019
65-74	12,469	4,932	1,369	365	6,928	1,056	27,119
75+	14,979	4,612	252	405	7,336	757	28,341
Unknown	.	.	.	.	.	72	72
Male	29,888	6,976	6,923	1,010	9,951	11,452	66,200
Female	19,577	9,000	4,105	609	7,716	8,434	49,441
Unknown	.	.	.	.	.	*	*
White	34,985	9,016	7,293	1,057	12,331	10,982	75,664
Black/Af Am	12,178	5,465	3,027	508	4,553	6,126	31,857
Native American	636	263	99	*	54	329	1,389
Asian	1,584	1,171	580	43	711	1,814	5,903
Other	58	40	25	*	*	75	206
Unknown	24	21	*	*	11	562	624
†Hispanic	5,441	3,093	1,276	185	2,986	4,168	17,149
†Non-Hispanic	44,024	12,883	9,752	1,434	14,681	15,720	98,494
Diabetes	20,844	8,214	4,775	752	8,509	7,707	50,801
Hypertension	15,121	4,466	2,301	406	5,368	4,522	32,184
Glomerulonephritis	2,963	588	1,258	83	666	1,775	7,333
Cystic kidney	939	138	608	35	174	636	2,530
Other urologic	703	173	142	13	212	249	1,492
Other cause	6,409	1,590	1,479	242	1,921	3,319	14,960
Unknown cause	1,628	435	271	47	544	763	3,688
Missing cause	858	372	194	41	273	917	2,655
All	49,465	15,976	11,028	1,619	17,667	19,888	115,643

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Table D.21

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

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

	2003							2007						
	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	71	149	89	*	.	171	484	81	177	103	*	*	219	589
5-9	101	230	117	*	*	512	972	88	216	82	*	*	617	1,016
10-14	258	401	210	*	*	1,011	1,891	194	370	170	17	*	1,118	1,878
15-19	553	874	447	17	13	1,741	3,645	491	989	424	16	22	2,171	4,113
20-29	3,125	6,559	1,581	139	145	5,331	16,880	3,114	6,771	1,480	165	297	6,355	18,182
30-39	10,974	14,764	4,689	433	562	11,243	42,665	10,441	14,899	4,564	528	1,074	12,283	43,789
40-49	22,632	23,173	9,433	719	1,381	18,631	75,969	22,984	25,355	10,119	986	2,665	21,282	83,391
50-59	36,272	26,363	13,382	819	2,665	20,502	100,003	41,637	33,042	15,372	1,194	5,667	26,881	123,793
60-64	20,342	12,496	5,685	327	1,997	8,275	49,122	25,535	14,827	6,973	559	4,025	11,848	63,767
65-69	24,563	13,602	2,431	281	3,743	1,627	46,247	28,976	15,369	3,351	360	427	6,831	57,000
70-74	28,343	12,941	713	259	5,724	1,192	49,172	30,405	14,510	1,045			9,154	57,083
75-79	16,749	6,382	201	96	3,293	478	27,199	17,393	6,717	212	131	5,309	668	30,430
80-84	14,746	4,943	93	93	2,697	353	22,925	16,360	5,515	128	86	4,795	505	27,389
85+	7,539	2,494	24	22	1,406	203	11,688	10,355	3,142	29	40	2,646	366	16,578
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
0-19	983	1,654	863	37	20	3,435	6,992	854	1,752	779	49	37	4,125	7,596
20-44	23,599	31,938	10,308	933	1,282	25,167	93,227	23,109	33,058	10,409	1,138	2,409	28,074	98,197
45-64	69,746	51,417	24,462	1,504	5,468	38,815	191,412	80,602	61,836	28,099	2,294	11,319	50,575	234,725
65-74	48,318	24,780	3,078	505	8,516	2,670	87,867	54,654	27,794	4,309	728	14,431	3,433	105,349
75+	43,622	15,582	384	246	8,347	1,183	69,364	48,835	17,459	456	316	14,304	1,761	83,131
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
Male	111,564	59,261	23,380	2,106	13,124	38,777	248,212	126,104	69,342	26,783	2,830	23,576	48,955	297,590
Female	74,704	66,110	15,715	1,119	10,509	32,493	200,650	81,950	72,557	17,269	1,695	18,924	39,013	231,408
Unknown	.	.	.	.	.	.	.	.	.	.	.	.	*	*
White	124,505	58,354	27,103	2,191	15,841	45,990	273,984	137,684	67,773	30,180	2,998	27,715	56,612	322,962
Black/Af Am	52,710	57,176	9,798	899	5,664	17,430	143,677	59,891	62,321	11,259	1,332	11,645	21,044	167,492
Native American	2,145	2,474	343	47	87	985	6,081	2,464	2,811	397	50	218	1,177	7,117
Asian	5,495	6,179	1,620	82	1,906	4,257	19,539	6,851	7,799	2,107	129	2,713	6,338	25,937
Other	1,386	1,145	229	*	131	2,366	5,262	1,131	1,125	98	14	197	2,110	4,675
Unknown	27	43	*	*	*	242	319	33	70	11	*	12	688	816
†Hispanic	18,049	22,390	3,418	250	3,755	11,978	59,840	20,960	27,608	4,163	443	7,313	17,326	77,813
†Non-Hispanic	168,219	102,981	35,677	2,975	19,878	59,292	389,022	187,094	114,291	39,889	4,082	35,187	70,643	451,186
Diabetes	69,488	51,721	14,761	983	10,287	17,133	164,373	79,763	59,841	16,177	1,333	19,246	21,411	197,771
Hypertension	49,398	34,555	6,444	648	6,799	12,409	110,253	54,859	38,728	7,464	892	11,488	15,615	129,046
Glomerulonephritis	29,120	17,224	7,879	697	2,750	17,367	75,037	29,982	17,671	8,474	1,000	4,337	20,444	81,908
Cystic kidney	8,911	2,894	2,909	185	863	4,825	20,587	10,115	3,372	3,423	286	1,489	6,182	24,867
Other urologic	5,436	3,309	1,180	119	574	2,736	13,354	4,928	3,140	976	145	814	3,080	13,083
Other cause	16,682	11,246	4,543	439	1,585	10,713	45,208	20,266	13,524	5,784	644	3,468	13,441	57,127
Unknown cause	6,451	4,184	1,121	117	721	3,748	16,342	7,018	5,214	1,428	174	1,450	4,931	20,215
Missing cause	782	238	258	37	54	2,339	3,708	1,123	409	326	51	208	2,865	4,982
All	186,268	125,371	39,095	3,225	23,633	71,270	448,862	208,054	141,899	44,052	4,525	42,500	87,969	528,999

Table D.21 (continued)

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

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

	2011		EGHP	MSP		Other/ unk	All
	M'care FFS	M'care/ Mcaid		Non-EGHP	HMO		
0-4	81	225	76	*	*	510	900
5-9	69	225	62	*	*	755	1,125
10-14	130	363	141	20	*	1,292	1,954
15-19	386	884	332	34	15	2,353	4,004
20-29	2,641	6,937	1,348	296	321	7,846	19,389
30-39	9,712	15,694	3,548	847	1,086	13,444	44,331
40-49	23,748	28,438	8,791	1,787	3,384	24,168	90,316
50-59	44,055	39,773	14,193	2,391	7,989	33,690	142,091
60-64	31,412	19,457	7,646	1,198	6,765	16,954	83,432
65-69	35,145	18,013	4,108	883	11,015	2,815	71,979
70-74	34,344	16,333	1,294	719	13,351	2,225	68,266
75-79	18,054	8,078	271	282	7,523	1,062	35,270
80-84	16,971	6,345	106	144	6,852	776	31,194
85+	12,358	4,121	54	87	4,345	681	21,646
Unknown	.	.	.	.	.	*	*
0-19	666	1,697	611	67	32	4,910	7,983
20-44	22,250	35,045	8,593	1,985	2,708	31,928	102,509
45-64	89,318	75,254	26,933	4,534	16,837	64,174	277,050
65-74	64,449	32,027	5,290	1,517	22,368	4,720	130,371
75+	52,423	20,863	543	598	20,718	2,839	97,984
Unknown	.	.	.	.	.	*	*
Male	140,629	81,969	25,849	5,483	35,214	61,534	350,678
Female	88,476	82,917	16,121	3,218	27,448	47,036	265,216
Unknown	*	.	.	.	*	*	*
White	148,842	80,086	28,360	5,538	41,060	67,952	371,838
Black/Af Am	67,928	70,792	10,806	2,752	17,169	25,763	195,210
Native American	2,829	3,304	394	71	239	1,600	8,437
Asian	8,715	9,823	2,287	290	4,002	9,966	35,083
Other	726	768	107	46	170	1,913	3,730
Unknown	66	113	16	*	23	1,379	1,601
†Hispanic	23,632	34,146	4,503	1,119	12,078	23,451	98,929
†Non-Hispanic	205,474	130,740	37,467	7,582	50,585	85,122	516,970
Diabetes	88,343	70,547	15,310	2,658	29,043	27,083	232,984
Hypertension	60,896	45,712	7,870	1,795	16,810	20,227	153,310
Glomerulonephritis	30,692	18,679	7,676	1,838	5,832	23,539	88,256
Cystic kidney	11,553	4,042	3,145	591	2,301	7,686	29,318
Other urologic	4,667	3,116	882	216	1,028	3,258	13,167
Other cause	23,592	16,030	5,316	1,184	5,271	16,723	68,116
Unknown cause	7,199	5,603	1,179	330	1,837	5,947	22,095
Missing cause	2,164	1,157	592	89	541	4,110	8,653
All	229,106	164,886	41,970	8,701	62,663	108,573	615,899

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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	2011
<1	.	.	*	*	*	*	11.1	*	10.1	13.2	10.5	17.3	13.3	8.9	6.5	8.7
1-4	*	*	20.0	21.3	21.7	33.0	23.5	26.7	37.5	31.4	33.3	37.1	34.2	42.1	32.6	31.9
5-9	*	*	21.8	28.9	27.5	31.9	30.2	29.0	31.5	29.6	33.2	35.2	42.5	38.7	33.8	34.7
10-17	*	6.5	29.3	28.4	31.1	34.2	34.7	35.3	37.9	37.0	36.5	37.7	39.0	37.2	33.5	34.2
18-29	1.0	5.0	23.8	29.0	32.3	33.3	35.1	36.9	37.2	36.9	36.6	37.0	37.1	37.3	37.8	37.6
30-39	0.6	3.7	18.3	24.1	29.8	30.5	32.2	33.7	34.0	34.5	34.5	34.8	34.7	34.0	33.7	33.4
40-49	0.2	2.5	14.3	19.3	23.2	24.1	25.5	26.5	26.6	27.3	27.6	28.7	28.7	29.0	29.4	29.3
50-59	*	0.8	7.6	12.6	17.7	18.7	19.9	21.0	21.3	21.6	22.1	22.4	22.6	22.9	23.1	22.9
60-64	*	0.2	3.4	6.7	11.9	13.2	14.4	15.3	16.0	16.4	17.2	18.2	18.6	18.8	19.2	19.2
65-69	.	*	1.4	3.6	7.2	8.3	9.4	10.6	11.4	12.1	12.8	13.7	14.3	14.9	15.4	15.6
70-74	.	*	0.4	0.9	2.8	3.4	4.0	5.0	5.4	5.9	6.6	7.0	7.3	8.0	8.5	8.7
75-79	.	.	*	0.2	0.8	1.0	1.2	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.2	3.3
80-84	.	.	*	*	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.8	0.8	0.7
85+	.	.	*	.	*	*	*	*	*	*	*	0.1	0.1	0.1	0.2	0.2
0-17	1.3	6.0	25.9	26.4	28.0	31.5	31.7	32.0	34.7	33.7	33.5	35.5	36.4	33.7	28.4	29.0
18-44	0.6	3.8	18.8	24.0	28.4	29.3	30.9	32.3	32.6	33.1	33.3	33.7	33.5	33.6	33.6	33.3
45-64	0.0	0.8	7.2	12.0	17.0	18.0	19.2	20.2	20.6	20.9	21.4	22.0	22.3	22.5	22.7	22.6
65-74	.	*	1.0	2.3	5.0	5.8	6.7	7.8	8.4	9.1	9.8	10.4	10.9	11.6	12.1	12.4
75+	.	.	*	0.2	0.5	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.6	1.7	1.7
Male	0.2	1.4	8.4	11.1	14.0	14.7	15.5	16.4	16.7	17.1	17.5	17.9	18.1	18.4	18.7	18.7
Female	0.2	1.4	6.6	8.9	11.6	12.3	13.2	14.0	14.2	14.5	14.9	15.5	15.7	15.9	15.9	15.9
White	0.2	1.3	7.8	10.0	12.3	12.7	13.5	14.3	14.6	14.9	15.3	15.7	16.0	16.2	16.5	16.5
Black/Af Am	0.3	1.5	6.6	9.8	13.1	14.0	14.8	15.6	15.9	16.3		17.3	17.5	17.7	17.9	17.7
Native American	*	1.6	7.8	9.8	10.9	12.0	13.4	14.1	13.6	14.2	14.5	15.1	15.5	14.9	15.0	14.9
Asian	*	1.6	14.1	15.7	20.8	21.8	23.3	24.5	25.1	25.3	25.2	25.6	25.7	25.7	25.5	25.5
Other	.	*	*	4.9	10.6	13.1	15.4	16.9	18.0	21.3	23.4	24.2	23.4	24.0	22.3	21.6
Unknown	.	.	.	5.0	14.1	12.7	11.5	9.6	7.8	8.1	7.7	10.1	9.8	10.0	10.4	8.2
†Hispanic				11.4	14.8	15.8	16.7	18.0	18.8	19.4	20.0	20.5	20.5	20.9	20.7	20.6
†Non-Hispanic				9.9	12.6	13.2	14.1	14.8	15.0	15.4	15.7	16.2	16.4	16.6	16.8	16.8
Diabetes	*	0.4	4.7	6.6	9.1	9.7	10.6	11.3	11.7	12.1	12.7	13.2	13.5	13.9	14.3	14.4
Hypertension	0.2	1.0	5.3	7.8	10.8	11.4	12.0	12.7	13.2	13.5	13.9	14.1	14.2	14.4	14.6	14.6
Glomerulonephritis	0.5	2.7	13.4	18.6	23.8	25.1	26.8	28.2	28.7	29.5	30.0	31.0	31.3	31.6	31.7	31.7
Other cause	0.2	1.4	9.3	13.4	16.7	17.7	18.8	19.9	20.1	20.4	20.7	21.4	21.9	22.0	22.2	21.8
All	0.2	1.4	7.5	10.1	12.9	13.6	14.4	15.3	15.6	15.9	16.3	16.8	17.0	17.3	17.5	17.4

Table E.6

Renal transplants, by donor type

	Living donor relation										Unk.	Unk.	Total
	Deceased	Living (Total)	Related	Distantly related	Spouse/ life partner	Paired exchange	Unrelated directed	Non-directed	Living-Dec'd exchange				
1980	2,580	918	918	292	3,790
1981	2,870	1,139	1,139	226	4,235
1982	3,404	1,548	1,548	162	5,114
1983	3,963	1,713	1,713	200	5,876
1984	4,611	1,931	1,931	201	6,743
1985	4,946	2,323	2,323	240	7,509
1986	5,778	2,858	2,858	253	8,889
1987	6,057	2,698	2,698	188	8,943
1988	7,276	1,838	1,648	37	40	.	30	*	.	82	132	9,246	
1989	7,104	1,919	1,730	31	54	.	31	.	.	73	130	9,153	
1990	7,801	2,098	1,776	46	59	.	30	.	.	187	142	10,041	
1991	7,745	2,399	2,189	48	59	.	47	.	.	56	128	10,272	
1992	7,697	2,543	2,260	71	80	.	77	.	.	55	176	10,416	
1993	8,186	2,874	2,458	101	120	.	69	.	.	126	119	11,179	
1994	8,380	3,010	2,376	127	134	*	76	.	.	296	119	11,509	
1995	8,609	3,395	2,793	181	260	.	155	.	.	*	172	12,176	
1996	8,585	3,687	2,842	214	363	.	223	.	*	43	146	12,418	
1997	8,621	3,939	3,004	233	379	.	274	.	*	46	129	12,689	
1998	9,006	4,423	3,159	296	547	.	362	*	*	56	195	13,624	
1999	8,976	4,730	3,290	348	577	.	476	*	*	32	160	13,866	
2000	9,036	5,506	3,618	411	669	*	774	20	*	11	116	14,658	
2001	9,116	6,045	3,889	467	716	*	926	28	*	*	102	15,263	
2002	9,444	6,237	3,849	494	721	*	1,108	54	*	.	82	15,763	
2003	9,530	6,472	3,847	478	732	19	1,309	75	*	*	99	16,101	
2004	10,236	6,649	3,830	510	803	34	1,383	80	*	*	83	16,968	
2005	10,810	6,571	3,697	506	832	27	1,426	69	11	*	92	17,473	
2006	11,575	6,435	3,513	492	822	74	1,452	58	22	*	70	18,080	
2007	11,450	6,043	3,185	491	798	111	1,286	79	91	*	38	17,531	
2008	11,387	5,966	3,045	464	759	228	1,291	81	98	.	66	17,419	
2009	11,292	6,389	3,147	497	835	279	1,388	115	126	*	53	17,734	
2010	11,446	6,274	2,820	475	814	427	1,443	157	138	.	61	17,781	
2011	11,835	5,772	2,600	454	706	443	1,292	136	130	11	64	17,671	

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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	2011
<1	*	54.5	33.5	41.6	35.0	47.4	49.9	47.5	42.5	44.7	50.6	42.7	33.8	36.4	23.6	21.2
1-4	*	69.6	69.5	43.8	48.3	61.1	53.1	60.5	60.0	56.1	59.3	64.7	46.2	61.7	52.3	43.8
5-9	54.4	77.1	58.8	50.8	42.8	44.7	49.6	51.7	40.5	50.6	47.0	48.7	47.9	58.8	53.9	46.4
10-17	31.2	44.0	41.5	45.3	37.9	39.3	38.4	41.5	37.4	44.8	48.9	42.5	43.0	45.9	40.5	41.5
18-29	21.6	26.3	23.9	18.5	15.6	15.2	14.1	14.4	14.7	14.0	14.0	12.0	11.9	11.1	10.6	9.7
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	7.5
40-49	9.5	13.1	12.3	9.6	8.6	8.4	8.2	7.9	8.0	7.8	7.6	7.0	6.7	6.6	6.3	6.1
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	4.6
60-64	0.5	1.7	2.7	3.2	3.6	3.8	3.9	4.0	4.1	4.3	4.2	4.2	4.2	4.0	3.8	3.5
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	3.1
70-74	*	*	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	1.6
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	0.6
80-84	.	*	.	.	*	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85+	*	*	*	.	.	.	.	.	.	.	.	.	.	.	.	.
0-17	35.0	50.8	46.0	45.9	39.2	42.3	42.0	44.7	39.7	46.4	49.5	45.1	43.3	48.2	41.1	39.1
18-44	16.1	20.3	17.8	13.8	11.7	11.5	11.1	10.8	11.0	10.4	10.1	9.4	8.7	8.6	8.1	7.6
45-64	3.7	5.4	6.2	5.7	5.7	5.8	5.7	5.6	5.7	5.6	5.6	5.3	5.0	4.8	4.7	4.4
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	2.4
75+	*	*	16.3	8.4	2.6	1.3	.	1.9	4.3	1.7	2.7	0.6	0.6	.	0.3	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	4.1
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	3.3
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	4.4	4.2
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	2.7
Native American	5.9	8.5	5.4	4.1	3.6	3.6	3.2	3.3	3.7	3.5	4.3	4.1	4.1	4.6	4.1	4.2
Asian	12.2	9.6	9.9	5.9	5.4	5.4	5.1	5.3	5.5	5.5	6.3	7.1	6.6	6.7	6.4	5.9
Other	6.9	7.9	25.0	4.2	2.1	1.9	1.3	2.7	5.1	4.8	5.0	3.8	3.7	3.6	3.7	3.3
Unknown	11.1	6.6	*	*	*	*	*	3.9	19.3	20.9	11.4	2.9	3.6	3.1	3.4	3.8
†Hispanic				6.0	4.8	4.7	4.7	4.5	4.5	4.5	4.4	4.1	4.0	3.8	3.4	3.3
†Non-Hispanic				5.6	5.0	5.0	4.9	4.8	4.9	4.8	4.8	4.5	4.2	4.2	4.0	3.8
Diabetes	9.3	9.0	6.1	4.3	3.4	3.4	3.4	3.2	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.5
Hypertension	5.3	5.2	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	2.5
Glomerulonephritis	11.4	12.7	11.7	9.9	9.5	9.2	9.5	9.4	9.7	9.4	9.7	8.8	8.5	8.3	8.6	7.8
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	6.1
All	7.5	8.5	7.3	5.7	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.4	4.2	4.1	3.9	3.8



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	2011
<1	*	35.8	*	*	*	*	*	*	10.6	*	20.1	20.7	15.0	21.0	10.2	8.1
1-4	*	41.6	38.5	17.6	17.4	17.3	23.6	24.2	21.4	24.9	36.8	34.9	23.4	32.0	34.3	23.9
5-9	29.2	38.3	32.8	20.9	18.3	18.8	21.1	24.1	20.1	26.2	28.7	28.9	31.1	35.4	31.6	25.9
10-17	18.3	24.8	23.3	22.0	17.8	16.7	16.6	20.3	20.2	25.3	33.3	28.2	27.9	29.2	26.2	27.1
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	4.9	4.9	4.8
30-39	10.2	13.0	12.9	9.6	7.2	7.0	6.8	6.2	6.6	6.1	5.9	6.0	5.3	5.1	4.9	4.6
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	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	3.2
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	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	2.2
70-74	*	*	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	1.2
75-79	.	.	*	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5
80-84	.	.	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85+	.	*	*	.	.	.	.	.	.	.	.	.	.	.	.	.
0-17	20.2	28.4	25.4	20.7	17.2	16.6	17.3	20.6	19.6	24.4	32.0	28.2	26.9	29.6	25.5	23.6
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	4.5
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	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	1.8
75+	*	*	*	.	.	1.3	.	1.0	1.7	0.9	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	3.2	3.0	2.8	2.7	2.7
Female	4.1	4.4	4.6	3.2	2.6	2.5	2.5	2.4	2.5	2.6	2.6	2.4	2.4	2.3	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	2.6
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	2.2
Native American	3.8	4.0	3.9	2.6	2.5	1.9	2.1	2.1	2.6	2.5	2.9	2.5	2.7	2.9	2.8	2.9
Asian	8.0	6.2	8.2	4.4	3.4	3.4	3.3	3.5	3.9	3.8	4.1	4.2	4.0	3.7	3.8	3.6
Other	5.6	5.6	15.4	1.6	0.7	0.8	0.7	1.4	2.8	2.8	3.8	3.2	2.9	2.8	2.6	2.5
Unknown	8.7	4.9	*	*	*	*	.	*	6.5	7.3	5.8	2.0	2.2	1.7	2.3	2.6
†Hispanic				4.0	2.8	2.8	2.9	2.7	2.8	2.9	2.9	2.8	2.7	2.5	2.2	2.3
†Non-Hispanic				4.0	3.1	3.0	2.9	2.8	2.9	3.0	3.1	2.9	2.7	2.6	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	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	1.9
Glomerulonephritis	7.4	8.2	8.7	6.6	5.6	5.1	5.3	5.1	5.5	5.3	5.7	5.3	5.0	4.8	5.0	4.7
Other cause	4.4	5.4	7.0	5.4	4.4	4.1	4.0	4.1	4.1	4.2	4.4	4.0	3.9	3.7	3.5	3.7
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	2.5

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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	2011
<1	*	*	20.8	31.4	26.0	37.3	42.7	35.0	31.9	32.0	30.5	22.0	18.9	15.4	13.4	13.2
1-4	*	23.6	30.0	26.1	29.3	43.7	29.5	36.3	37.9	30.5	22.5	29.8	22.8	29.6	18.0	19.4
5-9	19.0	33.8	24.4	28.9	24.1	25.6	28.2	27.3	20.1	24.4	18.3	19.8	16.8	23.5	21.9	20.1
10-17	9.5	17.0	17.6	22.4	19.6	21.6	21.3	21.0	16.9	19.3	15.1	14.4	15.1	16.3	14.0	14.2
18-29	6.7	9.2	7.4	6.7	7.5	8.1	7.2	8.2	8.2	7.5	7.4	6.5	6.1	6.1	5.7	4.8
30-39	3.6	5.9	3.7	4.0	4.6	4.7	4.7	4.6	4.6	4.2	4.0	3.6	3.3	3.4	3.3	2.9
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	2.3	2.5	2.3	2.0
50-59	0.4	1.5	0.9	1.3	2.0	2.1	2.1	2.2	2.2	2.1	1.9	1.8	1.6	1.6	1.5	1.4
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	1.0
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	0.8
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	0.4
75-79	.	.	.	.	.	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80-84	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
85+	*	.	*	.	.	.	.	.	.	.	.	.	.	.	.	.
0-17	11.2	19.8	19.9	24.4	21.5	25.0	24.3	23.9	19.8	21.8	17.2	16.9	16.3	18.4	15.3	15.3
18-44	4.3	6.3	4.3	4.1	4.8	5.0	4.8	5.0	4.9	4.5	4.3	3.8	3.5	3.7	3.4	3.1
45-64	0.5	1.5	0.8	1.3	2.0	2.1	2.0	2.0	2.1	2.0	1.9	1.7	1.6	1.6	1.6	1.3
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	0.6
75+	.	*	*	*	2.6	.	.	1.0	2.6	0.9	2.0	.	0.6	.	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	1.4
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	1.0
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	1.6
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	0.5
Native American	*	4.4	1.5	1.5	1.0	1.7	1.1	1.2	1.1	1.0	1.5	1.6	1.4	1.7	1.2	1.2
Asian	*	3.0	1.6	1.5	1.9	1.9	1.8	1.7	1.6	1.6	2.2	2.8	2.6	3.0	2.6	2.3
Other	*	*	8.3	2.1	1.4	1.0	0.6	1.4	2.3	2.0	1.2	0.6	0.8	0.8	1.0	0.8
Unknown	*	*	.	.	*	*	*	2.4	12.8	13.5	5.6	0.9	1.4	1.3	1.1	1.2
†Hispanic				1.9	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.2	1.4	1.2	1.0
†Non-Hispanic				1.6	1.9	2.0	1.9	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.3
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	0.6
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	0.7
Glomerulonephritis	3.0	4.1	2.8	3.2	3.9	4.1	4.1	4.3	4.1	4.0	3.9	3.6	3.4	3.5	3.6	3.1
Other cause	1.5	2.6	2.1	2.7	3.5	3.7	3.5	3.7	3.6	3.5	3.2	2.9	2.7	2.8	2.6	2.4
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	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	0.7
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	1.2



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	2001
<1	*	54.6	*	*	*	*	*	*	*	*
1-4	*	17.7	51.2	62.5	54.1	56.3	75.0	62.5	54.2	66.7
5-9	34.4	32.4	34.7	49.1	49.3	59.7	61.5	57.9	55.6	53.6
10-14	26.4	28.4	32.0	44.4	39.8	40.8	43.6	46.6	53.3	46.1
15-19	39.6	24.2	33.6	33.9	36.0	35.9	35.4	36.7	36.1	45.1
20-29	33.4	33.3	38.8	41.5	42.8	45.1	45.3	47.0	46.0	48.6
30-39	25.3	30.8	38.8	47.1	48.6	48.6	52.2	50.8	52.5	55.4
40-49	20.2	26.1	37.2	45.4	45.6	47.7	49.2	50.7	50.8	52.0
50-59	18.2	19.0	33.9	40.1	38.1	40.8	42.2	43.0	41.9	44.0
60-64	11.5	15.9	29.3	28.9	34.0	33.1	32.5	35.9	34.3	33.3
65-69	9.1	7.7	19.6	27.6	28.3	21.9	30.1	25.0	26.6	27.5
70-74	*	*	21.9	15.1	21.1	16.1	20.5	23.8	22.1	21.0
75-79	.	.	.	*	*	*	*	*	*	*
80-84	.	*	*	*	*	.	*	*	*	*
85+	*	*	.	.	.	.	.	*	.	.
Male	24.9	26.7	35.3	40.9	41.2	42.3	44.0	43.5	43.0	43.6
Female	27.2	28.6	37.0	42.6	43.0	43.6	45.3	46.5	46.0	48.6
White	29.5	31.0	39.1	44.2	44.9	46.4	47.8	47.8	47.6	49.1
Black/Af Am	12.4	14.1	24.3	31.9	31.9	31.4	33.8	34.1	33.3	35.5
Native American	50.0	34.3	37.5	46.8	33.7	40.0	34.2	47.1	44.6	34.1
Asian	33.3	38.1	44.8	56.5	55.9	55.8	56.5	57.1	58.8	59.3
Other/unknown	17.0	64.3	72.0	63.6	60.0	50.0	60.0	70.8	66.7	64.5
†Hispanic					49.2	48.1	50.5	48.1	48.2	52.8
†Non-Hispanic					41.2	42.2	43.8	44.3	43.7	44.6
Diabetes	20.7	22.6	30.0	38.2	35.9	36.5	39.5	39.3	39.2	39.3
Hypertension	19.3	18.1	31.4	34.2	34.9	36.8	36.2	37.0	35.5	39.6
Glomerulonephritis	31.0	33.3	37.8	44.1	45.9	45.3	47.5	48.1	47.6	50.7
Other cause	25.3	29.4	41.5	47.8	49.4	51.5	52.7	52.3	52.4	52.9
First transplant	27.0	29.5	36.5	42.5	42.6	43.3	44.9	45.1	44.8	46.1
Subsequent transplants	15.5	17.0	33.1	35.3	36.8	39.5	41.5	42.0	40.1	42.4
All	25.7	27.4	36.0	41.5	41.9	42.8	44.5	44.7	44.2	45.6
ADJUSTED										
0-19	30.2	25.1	33.1	39.6	39.4	41.8	44.9	42.9	43.0	46.1
20-44	24.2	29.1	36.7	45.3	46.3	46.6	49.1	49.3	50.1	53.6
45-64	14.7	18.5	32.6	38.6	38.3	41.2	41.8	43.1	42.4	43.4
65-74	6.8	5.5	17.6	23.5	25.2	19.8	27.3	24.5	24.7	25.4
75+	.	*	*	0.0	21.4	7.1	14.3	17.1	20.5	17.1
Male	16.7	19.7	29.5	36.3	36.6	38.2	40.3	39.9	39.9	41.1
Female	18.2	21.5	30.1	37.7	38.6	39.1	40.9	42.2	42.5	45.3
White	20.5	23.9	33.4	40.1	41.1	42.6	44.7	44.6	45.2	46.8
Black/Af Am	9.9	12.0	22.1	29.9	29.9	29.9	32.2	32.6	31.7	34.2
Native American	*	31.0	35.6	44.0	33.6	39.5	33.7	48.4	45.2	35.3
Asian	22.4	27.1	35.9	49.1	49.6	49.3	49.6	52.3	53.6	54.4
Other/unknown	7.5	39.0	58.1	57.5	46.6	39.1	54.6	61.9	60.1	56.3
†Hispanic					44.6	44.1	47.1	45.1	45.4	49.8
†Non-Hispanic					37.8	39.0	40.9	41.4	41.3	42.5
Diabetes	11.6	14.2	22.3	31.6	29.9	31.1	34.5	34.7	35.4	35.8
Hypertension	18.4	17.1	31.2	34.7	35.8	38.3	38.1	38.5	37.5	41.9
Glomerulonephritis	23.5	26.6	32.2	39.4	41.6	40.8	43.2	44.3	44.3	47.4
Other cause	18.5	22.8	34.9	42.1	43.8	45.8	47.6	47.2	47.8	48.2
First transplant	18.2	21.9	30.3	38.3	38.6	39.4	41.4	41.7	42.1	43.8
Subsequent transplants	10.8	12.7	26.5	28.5	30.3	33.4	35.5	36.3	33.8	36.7
All	17.2	20.4	29.7	36.8	37.4	38.5	40.5	40.8	40.9	42.7

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	2001
<1	*	*	73.3	69.0	76.9	78.6	81.8	71.4	73.9	79.0
1-4	*	71.4	46.7	60.0	68.8	79.6	75.0	85.7	85.7	78.0
5-9	45.8	51.0	57.6	63.0	63.4	63.3	73.5	71.4	66.7	56.6
10-14	38.3	37.7	56.8	47.4	51.3	54.8	62.5	60.8	53.9	58.2
15-19	44.8	38.8	36.9	53.6	56.0	51.4	44.1	50.7	46.9	57.9
20-29	60.3	55.6	59.3	55.9	58.9	61.8	56.5	57.8	60.9	57.8
30-39	58.8	52.2	61.3	62.5	61.5	65.2	65.1	69.5	66.6	65.1
40-49	44.5	55.4	57.4	58.0	60.4	58.8	64.5	63.2	63.3	66.0
50-59	33.3	49.8	42.8	48.4	52.7	53.9	56.4	61.0	58.0	61.9
60-64	.	64.4	28.2	37.0	45.9	43.7	47.8	45.7	51.1	46.2
65-69	*	33.3	50.0	27.2	40.2	43.0	32.4	32.9	41.7	41.3
70-74	.	*	*	38.5	24.0	18.2	37.0	37.9	31.1	34.4
75-79	.	.	.	.	.	.	.	*	*	*
80-84	*	.	*	.	.	.	.	.	.	.
85+	.	*	.	.	.	.	.	.	.	.
Male	51.8	51.1	55.9	56.5	58.6	59.1	59.5	60.6	60.7	61.0
Female	54.3	53.9	54.2	53.1	55.7	56.8	58.3	60.4	58.0	59.1
White	53.5	54.2	56.8	56.5	59.8	60.6	60.9	62.1	60.7	62.0
Black/Af Am	45.1	38.7	39.1	45.5	44.0	42.9	46.1	47.1	48.9	45.9
Native American	*	34.2	61.5	40.9	55.6	46.0	56.8	72.2	57.8	49.3
Asian	*	75.0	58.8	71.3	65.7	67.0	66.9	77.9	70.9	77.5
Other race	*	*	92.3	69.2	63.6	81.0	78.6	80.0	73.7	83.3
†Hispanic					62.2	64.8	64.0	64.0	66.9	68.0
†Non-Hispanic					56.8	57.1	58.3	60.0	58.4	59.1
Diabetes	46.7	39.9	46.7	45.6	47.3	44.1	48.6	48.4	46.6	49.5
Hypertension	54.0	48.8	49.0	48.8	48.9	51.1	53.8	52.3	57.7	55.3
Glomerulonephritis	54.2	55.6	57.8	56.7	59.9	63.1	61.3	62.4	60.4	62.7
Other cause	53.1	57.8	59.8	61.7	64.9	64.1	65.5	68.8	67.2	66.5
First transplant	52.3	52.0	55.8	55.5	58.2	58.4	59.8	61.2	60.3	60.9
Subsequent transplants	60.0	54.1	46.4	51.0	48.5	54.6	51.5	53.1	52.1	53.5
All	52.8	52.2	55.2	55.1	57.4	58.1	59.0	60.5	59.5	60.2
ADJUSTED										
0-19	37.1	39.4	43.9	50.6	53.7	54.3	54.7	55.9	51.4	55.6
20-44	56.3	55.4	61.1	60.3	60.7	62.5	62.1	64.5	64.1	63.9
45-64	35.4	52.4	43.9	51.9	57.1	55.3	59.7	60.2	59.6	61.3
65-74	*	36.9	47.2	30.0	38.2	36.9	34.8	36.5	40.2	42.1
75+	*	*	*	*	*	*	*	*	29.1	26.8
Male	43.3	47.1	50.6	53.1	56.1	55.9	57.1	58.5	59.1	59.9
Female	47.9	50.7	50.6	51.8	53.9	54.8	56.7	58.8	56.5	58.2
White	45.2	49.4	51.7	53.0	56.7	57.0	58.0	59.4	58.7	60.4
Black/Af Am	42.2	39.5	39.7	46.0	44.7	44.2	47.3	48.0	50.1	47.1
Native American	*	37.2	64.7	46.3	62.5	54.1	60.7	75.1	60.7	54.6
Asian	*	70.1	50.8	65.8	61.3	63.7	64.7	74.8	67.7	76.3
Other race	*	78.0	83.5	58.3	52.2	72.3	76.1	69.7	66.3	82.6
†Hispanic					61.0	62.8	62.8	63.1	66.7	68.1
†Non-Hispanic					54.2	54.4	55.9	57.7	56.6	57.8
Diabetes	36.9	33.0	38.7	41.5	44.4	41.3	46.3	47.1	45.7	49.4
Hypertension	50.1	48.9	46.2	49.0	49.2	51.3	54.5	53.7	59.0	56.6
Glomerulonephritis	48.2	51.3	52.8	53.4	56.5	59.6	57.8	59.1	57.4	60.5
Other cause	47.5	54.0	55.7	58.6	61.9	61.1	62.6	66.2	64.8	64.1
First transplant	45.0	48.4	51.4	53.1	56.4	56.1	57.9	59.7	59.1	60.2
Subsequent transplants	51.7	48.5	41.4	46.2	42.5	49.3	46.2	47.6	47.5	49.3
All	45.0	48.3	50.5	52.4	55.1	55.4	56.8	58.5	57.9	59.1

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	2011
0-4	2,284	2,027	2,563	2,342	2,263	2,283	2,216	2,179	2,209	2,446	2,079	2,208	2,773	2,569	2,423	2,283	2,462	2,603	2,537
5-9	1,576	1,760	1,568	1,747	1,868	1,787	1,905	1,538	2,240	1,617	1,798	1,623	1,752	1,939	1,930	1,780	1,809	1,593	1,591
10-14	1,589	1,699	1,739	1,435	1,371	1,676	1,398	1,395	1,508	1,634	1,681	1,492	1,706	1,721	1,610	1,438	1,719	1,491	1,347
15-19	1,590	1,617	1,658	1,569	1,385	1,535	1,606	1,642	1,722	1,738	1,713	1,685	1,655	1,839	1,742	1,790	1,853	1,865	1,787
20-29	1,674	1,620	1,630	1,588	1,553	1,548	1,602	1,576	1,610	1,659	1,684	1,745	1,756	1,757	1,831	1,944	1,939	2,018	1,950
30-39	1,703	1,737	1,731	1,718	1,676	1,675	1,721	1,701	1,733	1,779	1,752	1,812	1,811	1,767	1,738	1,749	1,779	1,774	1,737
40-49	1,633	1,633	1,671	1,670	1,637	1,628	1,689	1,713	1,786	1,802	1,804	1,881	1,867	1,828	1,773	1,761	1,741	1,746	1,688
50-59	1,737	1,785	1,753	1,764	1,751	1,728	1,779	1,769	1,807	1,824	1,823	1,835	1,829	1,783	1,759	1,755	1,746	1,762	1,716
60-64	1,772	1,821	1,841	1,861	1,816	1,841	1,879	1,849	1,891	1,938	1,893	1,940	1,908	1,854	1,813	1,803	1,775	1,783	1,714
65-69	1,925	1,959	1,952	1,967	1,940	1,969	2,004	1,962	2,001	2,020	2,008	1,994	2,008	1,925	1,865	1,886	1,806	1,855	1,802
70-74	1,927	1,979	2,000	2,029	2,015	2,005	2,068	2,031	2,060	2,042	2,056	2,033	2,038	1,965	1,942	1,956	1,869	1,933	1,856
75-79	2,006	2,042	2,073	2,093	2,031	2,040	2,068	2,064	2,097	2,116	2,057	2,103	2,112	2,021	1,981	2,021	1,905	1,935	1,880
80-84	2,086	2,150	2,130	2,151	2,141	2,096	2,169	2,104	2,155	2,124	2,093	2,097	2,149	2,063	2,020	2,052	1,939	1,945	1,882
85+	2,124	2,178	2,154	2,222	2,236	2,188	2,270	2,198	2,247	2,205	2,244	2,202	2,206	2,153	2,093	2,093	1,974	1,992	1,926
Male	1,692	1,723	1,709	1,717	1,691	1,697	1,742	1,718	1,763	1,778	1,782	1,813	1,815	1,749	1,715	1,727	1,684	1,705	1,648
Female	1,934	1,973	2,005	2,018	1,989	1,989	2,051	2,043	2,091	2,113	2,086	2,103	2,107	2,061	2,022	2,031	1,978	2,005	1,946
White	1,830	1,852	1,875	1,878	1,849	1,864	1,906	1,888	1,926	1,941	1,929	1,937	1,941	1,874	1,839	1,858	1,805	1,844	1,793
Black/Af Am	1,806	1,863	1,847	1,873	1,843	1,827	1,897	1,881	1,945	1,964	1,958	2,009	2,011	1,969	1,930	1,928	1,886	1,888	1,820
Native American	1,804	1,930	2,004	1,918	1,894	1,916	1,989	1,960	1,934	1,973	1,958	1,989	1,901	1,817	1,738	1,715	1,770	1,745	1,656
Asian	1,258	1,260	1,256	1,277	1,318	1,350	1,403	1,396	1,382	1,419	1,391	1,394	1,416	1,373	1,350	1,364	1,322	1,357	1,321
†Hispanic						1,804	1,846	1,802	1,866	1,892	1,891	1,874	1,862	1,790	1,758	1,764	1,740	1,762	1,659
†Non-Hispanic						1,838	1,893	1,879	1,922	1,938	1,926	1,956	1,960	1,905	1,868	1,878	1,827	1,851	1,801
Diabetes	2,214	2,239	2,215	2,236	2,182	2,183	2,235	2,207	2,233	2,227	2,208	2,218	2,208	2,136	2,075	2,082	2,036	2,077	1,999
Hypertension	1,758	1,797	1,785	1,781	1,752	1,738	1,796	1,772	1,826	1,848	1,838	1,863	1,860	1,808	1,780	1,782	1,719	1,733	1,677
Glomerulonephritis	1,481	1,486	1,531	1,488	1,473	1,465	1,473	1,476	1,505	1,527	1,528	1,551	1,555	1,516	1,476	1,502	1,475	1,474	1,415
Other cause	1,574	1,606	1,624	1,646	1,617	1,625	1,682	1,657	1,713	1,744	1,721	1,758	1,773	1,716	1,710	1,719	1,669	1,674	1,654
All	1,807	1,842	1,850	1,860	1,832	1,835	1,888	1,870	1,916	1,933	1,922	1,946	1,948	1,890	1,853	1,862	1,815	1,838	1,780
ADJUSTED																			
0-19	1,844	1,839	1,709	1,830	1,612	1,753	1,798	1,800	1,545	1,312	1,352	1,290	1,362	2,060	2,195	2,428	1,738	1,320	1,473
20-44	1,875	1,880	1,892	1,882	1,828	1,820	1,886	1,866	1,925	1,970	1,959	2,020	2,018	1,955	1,916	1,944	1,957	1,966	1,908
45-64	1,767	1,789	1,773	1,775	1,743	1,735	1,780	1,777	1,814	1,832	1,820	1,854	1,836	1,794	1,766	1,758	1,742	1,759	1,707
65-74	1,916	1,955	1,946	1,967	1,941	1,948	1,990	1,945	1,977	1,980	1,984	1,966	1,974	1,899	1,860	1,878	1,797	1,849	1,790
75+	2,084	2,130	2,125	2,154	2,115	2,091	2,141	2,115	2,149	2,142	2,108	2,133	2,156	2,080	2,030	2,057	1,947	1,957	1,889
Male	1,786	1,815	1,780	1,793	1,758	1,755	1,796	1,768	1,804	1,809	1,807	1,835	1,836	1,766	1,731	1,742	1,697	1,717	1,658
Female	1,988	2,016	2,033	2,042	2,007	1,996	2,049	2,037	2,078	2,100	2,071	2,087	2,086	2,042	2,004	2,013	1,962	1,990	1,933
White	1,919	1,928	1,928	1,924	1,886	1,888	1,920	1,898	1,927	1,935	1,920	1,927	1,924	1,858	1,822	1,842	1,794	1,834	1,784
Black/Af Am	1,868	1,929	1,902	1,936	1,898	1,876	1,947	1,929	1,986	2,001	1,995	2,047	2,050	2,004	1,964	1,965	1,914	1,917	1,844
Native American	1,765	1,853	1,948	1,897	1,894	1,957	1,992	1,910	1,911	1,929	1,873	1,899	1,837	1,761	1,696	1,691	1,763	1,734	1,634
Asian	1,416	1,393	1,373	1,398	1,431	1,441	1,481	1,465	1,428	1,456	1,422	1,420	1,441	1,384	1,361	1,369	1,320	1,351	1,314
†Hispanic						1,836	1,869	1,802	1,863	1,888	1,878	1,856	1,842	1,770	1,744	1,747	1,717	1,740	1,639
†Non-Hispanic						1,869	1,919	1,903	1,942	1,953	1,938	1,967	1,969	1,913	1,875	1,885	1,836	1,860	1,809
Diabetes	2,210	2,237	2,200	2,229	2,175	2,175	2,229	2,202	2,227	2,224	2,210	2,228	2,223	2,162	2,107	2,123	2,070	2,103	2,030
Hypertension	1,737	1,763	1,758	1,746	1,725	1,710	1,758	1,739	1,784	1,804	1,794	1,823	1,815	1,764	1,736	1,742	1,692	1,710	1,659
Glomerulonephritis	1,569	1,567	1,618	1,575	1,569	1,557	1,559	1,566	1,595	1,606	1,610	1,623	1,634	1,594	1,550	1,572	1,539	1,536	1,475
Other cause	1,597	1,639	1,639	1,680	1,655	1,652	1,713	1,681	1,731	1,764	1,751	1,794	1,807	1,743	1,738	1,747	1,686	1,690	1,670
All	1,875	1,903	1,892	1,903	1,868	1,863	1,909	1,888	1,927	1,939	1,925	1,947	1,947	1,889	1,852	1,862	1,814	1,838	1,780

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	2011
0-4	2,789	2,538	3,288	2,639	2,503	2,452	2,362	2,041	2,149	2,631	2,345	2,839	3,304	2,903	2,806	3,084	2,637	2,837	2,864
5-9	2,002	2,379	2,057	2,149	2,394	2,118	2,499	2,007	3,181	1,720	2,012	2,169	2,437	2,904	2,444	1,940	1,869	1,757	2,236
10-14	1,905	2,043	2,148	1,611	1,512	1,893	1,634	1,591	1,653	1,804	1,765	1,520	1,616	1,693	1,740	1,547	1,867	1,678	1,529
15-19	1,692	1,738	1,727	1,705	1,490	1,608	1,553	1,706	1,795	1,948	1,737	1,757	1,809	1,999	1,978	2,005	1,995	2,009	1,991
20-29	1,798	1,702	1,694	1,683	1,636	1,601	1,657	1,616	1,674	1,736	1,788	1,857	1,861	1,880	1,982	2,106	2,101	2,167	2,073
30-39	1,808	1,808	1,827	1,813	1,785	1,770	1,810	1,788	1,824	1,865	1,859	1,900	1,897	1,867	1,836	1,845	1,870	1,858	1,830
40-49	1,689	1,686	1,747	1,749	1,701	1,692	1,759	1,784	1,854	1,873	1,896	1,973	1,967	1,924	1,864	1,842	1,812	1,826	1,763
50-59	1,785	1,841	1,804	1,825	1,806	1,786	1,841	1,831	1,864	1,879	1,892	1,901	1,896	1,846	1,822	1,819	1,805	1,820	1,772
60-64	1,806	1,858	1,880	1,899	1,854	1,886	1,923	1,888	1,940	1,992	1,943	1,997	1,964	1,908	1,868	1,856	1,825	1,836	1,767
65-69	1,943	1,978	1,970	1,991	1,963	1,995	2,034	1,993	2,031	2,052	2,049	2,034	2,048	1,970	1,918	1,940	1,858	1,909	1,849
70-74	1,934	1,985	2,008	2,040	2,025	2,015	2,079	2,041	2,075	2,059	2,076	2,057	2,063	1,993	1,976	1,996	1,902	1,972	1,892
75-79	2,006	2,045	2,074	2,097	2,032	2,041	2,069	2,068	2,099	2,120	2,063	2,112	2,121	2,031	1,994	2,038	1,921	1,954	1,896
80-84	2,085	2,150	2,131	2,151	2,141	2,097	2,170	2,105	2,156	2,124	2,095	2,099	2,150	2,065	2,024	2,055	1,944	1,950	1,887
85+	2,124	2,179	2,154	2,222	2,237	2,188	2,270	2,198	2,247	2,205	2,245	2,202	2,206	2,153	2,093	2,095	1,975	1,992	1,927
Male	1,740	1,769	1,757	1,776	1,744	1,748	1,792	1,764	1,808	1,825	1,837	1,868	1,871	1,804	1,773	1,784	1,735	1,757	1,698
Female	1,990	2,027	2,062	2,075	2,046	2,043	2,107	2,098	2,148	2,167	2,149	2,162	2,167	2,119	2,080	2,090	2,028	2,058	1,997
White	1,915	1,936	1,962	1,971	1,940	1,950	1,988	1,965	2,002	2,015	2,014	2,017	2,022	1,949	1,918	1,939	1,874	1,915	1,861
Black/Af Am	1,815	1,869	1,859	1,890	1,855	1,840	1,916	1,900	1,966	1,985	1,984	2,036	2,038	1,999	1,959	1,959	1,913	1,918	1,849
Native American	1,830	1,941	2,038	1,958	1,940	1,956	2,011	1,985	1,964	2,013	1,995	2,014	1,912	1,840	1,770	1,737	1,787	1,779	1,673
Asian	1,305	1,296	1,308	1,343	1,366	1,392	1,450	1,447	1,426	1,465	1,437	1,429	1,457	1,427	1,404	1,401	1,363	1,406	1,366
†Hispanic						1,852	1,905	1,850	1,921	1,954	1,964	1,935	1,920	1,843	1,814	1,814	1,784	1,810	1,698
†Non-Hispanic						1,894	1,948	1,932	1,975	1,990	1,985	2,014	2,020	1,964	1,928	1,940	1,881	1,906	1,855
Diabetes	2,244	2,268	2,251	2,276	2,221	2,219	2,273	2,241	2,267	2,257	2,245	2,253	2,243	2,170	2,111	2,118	2,067	2,110	2,027
Hypertension	1,782	1,824	1,818	1,818	1,781	1,768	1,826	1,801	1,854	1,874	1,874	1,896	1,897	1,848	1,820	1,824	1,756	1,771	1,715
Glomerulonephritis	1,561	1,536	1,592	1,556	1,541	1,526	1,535	1,535	1,563	1,590	1,601	1,618	1,638	1,585	1,554	1,582	1,549	1,544	1,492
Other cause	1,642	1,688	1,698	1,730	1,699	1,701	1,752	1,727	1,791	1,828	1,813	1,854	1,864	1,804	1,802	1,815	1,746	1,756	1,734
All	1,861	1,894	1,905	1,921	1,890	1,890	1,943	1,923	1,969	1,985	1,982	2,004	2,007	1,948	1,913	1,923	1,867	1,892	1,832
ADJUSTED																			
0-19	2,144	2,182	1,889	2,008	1,739	2,064	1,991	2,035	1,737	1,313	1,291	1,292	1,390	2,236	2,534	2,603	1,784	1,360	1,612
20-44	1,991	1,975	2,012	2,012	1,950	1,930	1,992	1,967	2,033	2,070	2,085	2,144	2,135	2,070	2,024	2,047	2,049	2,058	1,996
45-64	1,801	1,829	1,819	1,825	1,789	1,785	1,833	1,826	1,861	1,884	1,882	1,912	1,899	1,853	1,825	1,817	1,795	1,813	1,760
65-74	1,925	1,963	1,955	1,980	1,953	1,960	2,005	1,960	1,993	2,000	2,011	1,992	2,002	1,931	1,900	1,921	1,837	1,893	1,830
75+	2,084	2,131	2,126	2,155	2,114	2,090	2,142	2,116	2,149	2,142	2,109	2,136	2,158	2,084	2,035	2,063	1,954	1,965	1,897
Male	1,808	1,837	1,806	1,828	1,788	1,786	1,828	1,797	1,833	1,843	1,848	1,876	1,877	1,808	1,776	1,787	1,738	1,760	1,700
Female	2,022	2,051	2,075	2,081	2,044	2,033	2,088	2,077	2,121	2,141	2,123	2,135	2,136	2,091	2,054	2,065	2,008	2,036	1,979
White	1,970	1,980	1,987	1,988	1,947	1,948	1,978	1,953	1,983	1,993	1,990	1,994	1,994	1,923	1,891	1,912	1,857	1,897	1,846
Black/Af Am	1,872	1,930	1,907	1,943	1,903	1,881	1,957	1,940	1,998	2,015	2,012	2,067	2,069	2,027	1,987	1,989	1,937	1,942	1,869
Native American	1,766	1,857	1,977	1,927	1,924	1,979	1,991	1,915	1,928	1,969	1,912	1,921	1,848	1,785	1,735	1,713	1,785	1,777	1,652
Asian	1,420	1,395	1,386	1,422	1,430	1,441	1,487	1,472	1,431	1,461	1,428	1,418	1,440	1,397	1,378	1,375	1,336	1,376	1,337
†Hispanic						1,853	1,892	1,817	1,887	1,917	1,918	1,890	1,872	1,800	1,779	1,780	1,747	1,774	1,665
†Non-Hispanic						1,907	1,959	1,942	1,982	1,994	1,987	2,018	2,021	1,965	1,928	1,940	1,884	1,910	1,858
Diabetes	2,248	2,273	2,244	2,278	2,220	2,221	2,277	2,246	2,270	2,262	2,256	2,273	2,267	2,207	2,154	2,165	2,108	2,141	2,063
Hypertension	1,757	1,784	1,786	1,778	1,749	1,738	1,782	1,766	1,811	1,830	1,831	1,857	1,853	1,805	1,777	1,786	1,729	1,749	1,701
Glomerulonephritis	1,609	1,583	1,647	1,609	1,602	1,590	1,595	1,600	1,628	1,648	1,662	1,671	1,696	1,641	1,610	1,635	1,602	1,598	1,540
Other cause	1,628	1,682	1,678	1,724	1,701	1,695	1,756	1,725	1,781	1,820	1,817	1,861	1,871	1,811	1,810	1,822	1,749	1,759	1,736
All	1,902	1,931	1,925	1,940	1,902	1,896	1,944	1,922	1,962	1,976	1,970	1,991	1,993	1,934	1,899	1,910	1,857	1,883	1,824

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	2011	
0-4	1,139	1,096	1,378	1,354	1,498	1,614	1,406	1,757	1,742	1,804	1,336	1,186	1,715	1,554	1,349	1,324	1,556	1,824	1,736	
5-9	830	1,005	890	1,010	956	1,185	1,299	1,075	1,084	1,283	1,192	1,054	964	1,192	1,048	1,232	1,261	1,122	1,049	
10-14	975	835	873	808	892	1,009	771	902	1,066	1,041	1,035	1,028	1,159	1,366	1,115	933	1,050	842	855	
15-19	875	829	1,067	980	961	965	1,094	1,237	1,191	1,015	1,159	1,169	1,037	1,224	1,088	1,174	1,262	1,369	1,158	
20-29	851	852	884	808	812	888	879	904	874	921	877	897	935	851	867	920	883	847	991	
30-39	889	972	876	919	869	863	913	907	899	978	892	921	957	884	810	834	827	845	835	
40-49	869	904	821	828	844	842	828	819	897	902	834	850	826	790	769	756	772	726	710	
50-59	896	851	896	858	887	820	826	838	890	892	835	850	846	808	809	789	765	762	761	
60-64	849	881	840	865	950	887	897	983	909	906	969	919	903	866	795	857	797	828	747	
65-69	851	938	989	924	859	903	987	909	1,000	989	929	956	992	894	833	818	823	789	802	
70-74	974	992	999	861	1,016	912	970	956	1,004	950	1,015	999	952	982	919	834	831	822	856	
75-79	1,018	854	936	805	1,035	1,200	1,324	976	1,306	1,163	1,035	968	1,015	885	895	807	820	804	880	
80-84	*	*	*	*	*	*	*	917	1,297	1,104	2,109	597	960	1,006	1,237	942	1,025	771	867	697
85+	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	767	1,199	1,120	425	
Male	845	857	832	816	817	807	819	835	861	868	836	839	822	779	749	756	747	741	728	
Female	929	973	953	949	965	958	976	970	1,011	1,037	968	988	1,023	991	946	938	924	908	911	
White	838	866	845	833	828	828	851	865	895	908	867	871	869	843	800	786	776	798	783	
Black/Af Am	1,068	1,083	1,046	1,047	1,071	1,025	1,008	1,007	1,038	1,069	1,007	1,027	1,047	969	939	956	950	887	882	
Native American	1,046	1,065	1,106	933	942	1,030	1,039	1,062	1,116	930	933	1,132	1,099	1,088	941	944	996	796	915	
Asian	576	529	475	403	569	557	614	542	605	598	548	554	562	541	568	644	581	506	541	
†Hispanic						882	825	871	892	901	848	871	866	849	786	798	787	820	793	
†Non-Hispanic						866	892	893	927	942	897	905	910	867	833	832	821	804	801	
Diabetes	1,311	1,377	1,284	1,284	1,248	1,210	1,229	1,227	1,252	1,256	1,206	1,192	1,206	1,149	1,054	1,057	1,039	1,037	1,055	
Hypertension	871	844	790	766	860	826	805	795	844	913	838	825	787	743	758	755	717	723	695	
Glomerulonephritis	685	727	720	691	690	676	677	718	757	751	740	757	715	709	667	706	688	658	618	
Other cause	732	712	735	721	718	759	807	797	811	807	736	780	834	786	777	740	757	745	756	
All	879	904	881	868	876	868	884	890	922	937	890	901	904	864	827	827	816	807	800	
ADJUSTED																				
0-19	942	807	1,198	1,053	1,108	888	1,165	745	801	648	909	880	1,046	1,115	693	2,048	1,500	2,056	1,161	
20-44	1,064	1,081	1,010	1,019	1,022	1,001	1,028	1,019	1,017	1,109	998	1,011	1,044	995	940	968	973	961	968	
45-64	1,012	1,024	952	946	973	929	923	935	980	969	934	944	928	877	862	861	831	822	810	
65+	994	1,053	1,137	1,020	1,012	999	1,112	1,026	1,122	1,106	1,064	1,032	1,061	989	924	874	867	843	879	
Male	1,018	1,045	1,008	965	969	948	948	944	995	987	958	960	937	878	829	823	812	792	789	
Female	1,018	1,052	1,066	1,005	1,018	992	1,083	1,022	1,094	1,102	1,035	1,019	1,079	1,024	992	957	945	932	958	
White	977	998	959	910	907	898	932	924	984	975	932	932	941	902	860	827	810	842	832	
Black/Af Am	1,051	1,134	1,198	1,147	1,123	1,075	1,164	1,101	1,155	1,184	1,128	1,092	1,129	1,019	979	971	959	884	918	
Native American	1,391	1,115	959	927	1,186	1,415	1,566	1,241	1,381	968	888	1,032	1,000	932	867	882	1,037	739	909	
Asian	766	668	627	506	699	710	740	626	744	683	653	649	679	738	701	727	688	602	651	
†Hispanic						963	880	872	953	916	894	953	965	951	884	842	847	848	827	
†Non-Hispanic						936	995	970	1,029	1,029	979	963	976	923	886	868	852	842	856	
Diabetes	1,297	1,317	1,264	1,238	1,177	1,128	1,214	1,210	1,269	1,243	1,207	1,183	1,222	1,165	1,076	1,079	1,072	1,069	1,093	
Hypertension	878	897	894	809	933	903	901	816	899	935	881	853	837	787	807	785	737	732	710	
Glomerulonephritis	775	830	849	823	819	767	816	805	882	811	841	856	789	767	738	745	690	661	632	
Other cause	753	792	845	806	752	827	904	822	854	871	758	831	900	786	737	710	751	696	723	
All	1,018	1,045	1,032	977	985	962	1,009	976	1,038	1,036	988	981	996	940	899	880	869	852	863	

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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	2011
0-4	*	23	56	34	36	49	37	31	36	40	38	36	38	43	64	80
5-9	15	15	26	15	12	20	*	21	13	*	12	*	13	15	14	11
10-14	28	23	31	26	17	17	27	32	24	29	20	19	*	19	23	14
15-19	47	46	69	61	54	55	53	77	58	72	63	41	49	38	58	39
20-29	344	411	561	590	534	583	610	577	578	594	592	563	569	581	555	541
30-39	792	1,212	1,866	2,337	2,191	2,252	2,233	2,167	2,107	2,055	2,006	2,061	1,924	1,908	1,832	1,804
40-49	1,125	1,717	2,858	4,531	5,484	5,825	5,963	5,981	6,031	6,097	5,966	5,834	5,558	5,683	5,342	5,275
50-59	2,180	3,455	4,706	7,152	10,342	11,130	11,581	12,181	12,518	12,804	13,570	13,355	13,457	13,482	13,336	13,465
60-64	1,470	2,815	4,068	5,648	7,409	7,775	7,869	8,581	8,790	8,787	9,111	9,237	9,593	10,180	10,675	10,944
65-69	1,730	3,210	5,393	7,756	9,631	9,999	10,003	10,375	10,505	10,600	10,655	10,851	11,182	11,564	11,766	12,014
70-74	1,331	3,037	5,188	8,892	11,587	11,889	12,239	12,134	12,252	12,241	12,100	12,028	12,205	12,401	12,547	12,615
75-79	885	2,232	4,416	7,553	11,705	12,288	12,525	12,944	12,991	13,132	13,214	12,914	12,932	12,698	12,629	12,801
80-84	383	1,133	2,525	5,047	8,417	9,187	9,853	10,284	10,804	11,287	11,534	11,652	11,497	11,515	11,729	11,753
85+	138	451	1,163	2,625	5,419	5,934	6,645	7,205	7,506	8,243	8,846	9,304	9,682	10,078	10,524	10,865
0-19	100	107	182	136	119	141	127	161	131	150	133	106	109	115	159	144
20-44	1,601	2,351	3,737	4,952	4,987	5,114	5,215	5,089	4,996	4,960	4,859	4,802	4,617	4,638	4,300	4,228
45-64	4,310	7,259	10,322	15,306	20,973	22,451	23,041	24,398	25,028	25,377	26,386	26,248	26,484	27,196	27,440	27,801
65-74	3,061	6,247	10,581	16,648	21,218	21,888	22,242	22,509	22,757	22,841	22,755	22,879	23,387	23,965	24,313	24,629
75+	1,406	3,816	8,104	15,225	25,541	27,409	29,023	30,433	31,301	32,662	33,594	33,870	34,111	34,291	34,882	35,419
Male	5,948	10,969	17,671	27,358	37,998	40,378	41,881	43,922	45,188	46,461	47,582	48,100	48,896	50,234	50,825	51,773
Female	4,530	8,811	15,255	24,909	34,839	36,624	37,767	38,668	39,025	39,527	40,144	39,805	39,812	39,971	40,268	40,446
Unk.	.	.	.	.	*	*	.	.	.	*	*	.	.	.	*	*
White	7,554	14,100	22,870	35,201	48,400	51,063	53,047	54,760	55,634	57,018	58,661	58,938	59,628	60,764	61,746	62,762
Black/Af Am	2,655	5,185	9,109	15,069	20,670	22,031	22,490	23,514	24,115	24,364	24,594	24,470	24,557	24,823	24,735	24,675
N Am	30	158	367	569	905	875	936	965	946	977	955	958	1,058	1,077	1,016	1,034
Asian	14	186	490	1,180	1,916	2,126	2,241	2,416	2,522	2,685	2,774	2,955	2,904	3,099	3,205	3,406
Other/unk.	225	151	90	248	947	908	934	935	996	946	743	584	561	442	392	344
†Hispanic					7,201	7,822	8,211	8,784	9,070	9,404	9,614	9,588	9,972	10,410	10,604	11,121
†Non-Hisp.					65,637	69,181	71,437	73,806	75,143	76,586	78,113	78,317	78,736	79,795	80,490	81,100
Diabetes	1,238	5,063	10,856	20,493	32,361	34,795	35,867	37,347	38,182	39,007	40,068	39,919	40,355	41,080	41,813	42,511
HTN	1,209	4,823	9,922	16,108	20,439	21,456	22,282	23,131	23,769	24,336	24,744	24,905	25,262	25,532	25,912	25,920
GN	983	2,404	4,128	5,359	6,317	6,367	6,483	6,560	6,326	6,347	6,186	6,071	5,753	5,929	5,715	5,576
Cystic kidney	264	624	902	1,167	1,324	1,457	1,423	1,418	1,427	1,443	1,465	1,498	1,397	1,523	1,546	1,542
Oth. urologic	150	595	994	1,263	2,054	2,134	2,239	2,292	2,379	2,268	1,864	1,769	1,571	1,538	1,457	1,514
Other cause	784	1,925	3,158	5,059	6,724	7,100	7,605	7,928	8,069	8,325	9,115	9,569	10,015	10,286	10,519	10,889
Unk. cause	981	1,474	1,710	2,008	2,745	2,949	3,016	3,129	3,268	3,383	3,385	3,395	3,450	3,433	3,162	3,254
Missing	4,869	2,872	1,256	810	874	745	733	785	793	881	900	779	905	884	970	1,015
<2 years	6,538	10,847	18,050	26,032	35,626	37,232	38,014	38,866	38,878	39,364	39,826	39,452	39,211	38,842	38,448	37,898
2-<5 years	3,228	5,628	8,820	15,907	20,840	22,182	23,200	23,964	24,575	24,825	25,182	24,832	25,193	25,626	26,065	26,271
5+ years	712	3,305	6,056	10,328	16,372	17,589	18,434	19,760	20,760	21,801	22,719	23,621	24,304	25,737	26,581	28,052
All	10,478	19,780	32,926	52,267	72,838	77,003	79,648	82,590	84,213	85,990	87,727	87,905	88,708	90,205	91,094	92,221
All with unknowns dropped	9,459	18,265	31,153	50,155	70,002	74,002	76,564	79,401	80,885	82,529	84,300	84,465	85,226	86,729	87,888	88,931



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	2011
0-4	105.6	72.8	117.0	59.9	73.3	101.0	71.5	65.1	66.5	66.1	64.1	58.5	52.8	56.7	76.6	81.8
5-9	52.7	37.6	27.2	17.4	14.0	18.6	8.4	19.1	15.2	7.0	8.9	8.8	10.8	15.6	14.3	9.0
10-14	38.5	30.7	29.1	15.5	8.5	7.1	13.9	17.1	10.9	15.6	11.2	9.9	4.2	9.4	11.0	7.4
15-19	26.3	23.0	28.3	22.1	18.2	19.3	17.3	23.2	17.4	18.6	18.0	11.6	14.1	9.3	14.2	11.6
20-29	45.0	38.4	41.0	39.4	32.3	34.9	36.7	35.2	34.4	34.5	34.8	32.0	31.2	31.0	29.8	28.1
30-39	78.9	67.2	67.6	63.9	54.4	55.7	53.8	51.4	49.6	48.5	46.8	47.8	43.9	43.2	41.0	40.5
40-49	107.6	96.9	93.1	91.2	81.9	84.0	82.9	81.6	79.2	77.8	74.6	70.9	66.7	66.3	61.0	59.0
50-59	150.0	161.6	147.3	140.6	131.7	131.7	128.0	127.0	122.8	118.2	117.8	111.1	106.6	104.1	98.7	96.6
60-64	226.0	228.8	213.0	202.5	190.1	188.5	179.7	184.1	176.4	165.8	162.7	152.1	146.7	143.0	140.0	134.7
65-69	304.3	303.5	283.0	258.5	248.5	245.4	235.3	231.3	224.8	218.1	206.6	198.0	190.7	187.0	179.4	173.6
70-74	343.5	370.7	348.4	329.4	317.6	311.0	307.8	297.1	288.0	282.2	269.0	255.1	248.2	241.0	231.2	221.3
75-79	452.6	436.4	425.8	396.6	394.6	393.4	382.5	374.8	368.8	359.7	350.7	335.9	323.0	308.7	295.2	288.4
80-84	587.7	542.2	497.8	493.0	489.0	488.2	476.8	464.1	453.1	452.3	441.0	429.8	407.3	393.5	382.8	375.0
85+	695.9	671.1	626.5	595.4	637.7	628.0	625.3	610.9	587.8	589.0	571.8	564.2	536.2	516.4	499.6	493.1
Male	167.1	180.0	180.8	180.3	179.9	181.5	178.5	178.5	175.5	172.3	168.2	162.6	157.2	155.2	149.9	146.9
Female	163.1	177.8	183.5	191.9	198.8	199.8	197.3	194.4	188.4	184.5	180.5	172.4	165.6	160.9	155.8	151.7
White	171.5	190.6	194.5	199.6	204.1	204.6	202.7	200.6	195.1	192.1	188.7	182.0	176.1	173.2	168.8	166.2
Black/Af Am	151.3	157.0	161.8	166.1	165.7	169.6	165.3	166.2	163.8	160.0	155.1	148.1	141.9	138.2	132.1	126.9
N Am	86.4	152.6	176.5	153.4	170.4	156.7	161.9	160.2	152.5	150.5	143.3	137.7	144.5	142.6	127.6	124.8
Asian	28.7	108.3	113.0	127.7	127.2	130.6	127.2	128.4	126.1	125.3	121.0	118.6	108.2	107.1	102.3	101.5
Other	234.6	223.8	176.2	209.0	253.8	221.3	202.0	180.7	172.7	149.0	129.8	111.9	116.6	97.9	89.5	77.1
†Hispanic					157.5	157.2	153.2	152.4	146.2	142.4	136.2	126.9	123.2	121.1	115.7	114.7
†Non-Hisp.					192.7	194.4	191.9	190.7	186.7	183.4	179.8	173.7	167.5	164.3	159.2	155.5
Diabetes	243.8	263.8	243.9	238.8	240.1	241.4	234.5	232.0	225.6	220.4	215.3	205.2	197.7	192.9	187.4	183.8
HTN	138.1	200.2	217.6	217.1	215.5	216.7	214.7	212.5	208.8	206.0	202.0	194.8	188.2	182.0	176.0	169.1
GN	74.8	93.6	104.6	98.7	92.3	90.8	89.1	88.1	82.6	80.8	77.1	74.0	68.6	69.4	65.8	62.8
Other cause	198.2	178.8	153.1	150.1	152.3	153.1	152.8	152.2	149.4	145.5	141.5	137.1	132.2	130.3	123.7	122.9
<2 years	197.4	230.4	235.3	234.0	246.0	249.0	246.1	246.7	241.0	237.7	232.9	224.7	217.4	212.7	204.7	199.3
2-<5 years	139.1	153.0	165.1	186.8	184.3	186.2	186.5	183.9	181.5	178.7	176.3	168.6	163.2	160.7	157.6	154.4
5+ years	75.2	104.6	105.7	109.7	115.5	116.4	113.7	114.3	113.0	111.4	109.1	106.7	103.8	103.8	101.4	101.4
All	165.3	179.0	182.0	185.6	188.5	189.8	186.9	185.6	181.2	177.7	173.6	166.9	160.9	157.7	152.5	149.0
ADJUSTED for age, gender, race, primary cause of ESRD, and patient vintage																
0-19	48.1	46.6	45.8	31.2	30.1	31.6	29.4	33.2	30.2	30.6	28.5	25.0	22.8	21.5	26.2	27.4
20-44	86.4	79.0	75.2	74.4	67.0	67.1	67.3	66.7	65.0	63.6	62.0	60.2	57.5	56.6	53.5	51.7
45-64	154.1	178.9	159.5	145.6	134.4	134.4	130.8	130.2	127.0	123.6	120.8	115.4	111.0	108.5	104.8	102.7
65-74	262.0	321.4	295.5	272.4	262.3	259.8	252.9	247.0	239.9	234.0	224.3	213.0	204.5	200.3	193.2	187.1
75+	355.2	434.8	427.2	414.6	424.1	423.9	414.4	408.3	400.5	396.0	387.5	376.6	362.7	353.7	340.4	333.8
Male	209.6	242.7	225.8	206.6	195.3	194.5	189.4	187.4	183.5	180.2	175.3	168.6	162.6	159.7	154.0	150.8
Female	185.4	222.5	205.0	199.1	196.4	196.1	192.0	188.7	183.2	178.8	174.4	167.4	161.0	156.5	151.0	147.3
White	212.4	251.4	230.7	216.0	205.3	203.3	198.3	194.8	189.0	184.7	180.2	173.5	167.7	164.5	159.7	157.3
Black/Af Am	197.7	208.1	197.7	187.7	184.2	187.2	183.4	182.9	180.3	177.6	172.7	165.1	157.8	153.1	145.8	140.0
N Am	116.1	187.5	194.9	167.3	174.9	171.4	171.9	169.6	164.3	161.1	155.3	149.5	150.7	151.5	142.3	136.3
Asian	51.0	163.4	141.3	138.9	139.1	137.4	132.3	131.8	129.4	128.1	124.4	121.1	113.5	110.4	104.9	103.1
Other	247.3	314.3	364.7	247.9	257.2	244.5	226.4	205.6	193.6	175.9	162.8	149.4	151.9	145.7	140.1	125.7
Diabetes	242.2	285.5	255.4	236.9	227.7	226.4	218.8	215.0	208.8	204.2	199.1	190.9	183.5	179.3	173.7	170.8
HTN	156.0	199.8	198.8	191.8	183.7	183.4	180.4	178.0	174.0	171.0	167.7	162.1	157.4	153.7	148.6	144.4
GN	134.2	155.3	158.4	144.9	136.4	134.9	131.8	129.9	124.8	121.5	116.9	112.4	106.0	104.9	100.7	96.3
Other cause	202.4	217.0	196.0	185.4	183.4	184.3	182.7	182.4	180.3	177.1	171.0	163.8	157.3	153.8	146.5	143.2
<2 years	245.0	267.7	243.8	224.4	216.9	217.3	212.9	212.0	207.5	204.4	199.8	192.9	186.5	182.8	175.7	171.0
2-<5 years	206.1	223.7	213.2	208.3	191.8	190.0	186.1	182.4	177.6	172.9	168.6	161.2	154.9	151.4	146.9	143.8
5+ years	135.2	198.3	184.4	171.5	170.6	169.9	164.2	160.6	155.9	152.1	146.8	140.5	134.5	131.0	126.3	124.2
All	198.6	233.6	216.5	203.1	195.5	194.9	190.3	187.8	183.1	179.4	174.7	167.9	161.7	158.1	152.5	149.0

Table H.2 (continued)

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

	ADJUSTED for age, gender, race, Hispanic ethnicity (on ME form starting in 1996), primary cause of ESRD, and patient vintage											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-19	30.0	31.8	29.7	33.6	30.8	31.4	29.3	26.0	23.7	22.4	27.6	29.7
20-44	65.9	66.2	66.6	66.2	64.6	63.5	62.1	60.5	57.9	57.2	54.3	52.7
45-64	133.4	133.6	130.1	129.7	126.6	123.2	120.5	115.3	111.1	108.8	105.2	103.1
65-74	259.5	257.1	250.4	245.0	238.1	232.3	222.8	211.5	203.2	199.1	192.1	186.2
75+	417.8	417.6	408.0	403.0	395.1	390.6	382.2	371.2	356.8	347.8	334.8	328.7
Male	193.6	192.8	187.9	186.2	182.5	179.3	174.5	167.9	162.0	159.3	153.8	150.7
Female	195.1	195.0	191.0	188.0	182.5	178.3	174.0	167.1	160.9	156.7	151.3	147.8
White	206.3	204.5	199.6	196.2	190.6	186.4	182.1	175.8	170.3	167.4	163.0	161.0
Black/Af Am	178.5	181.4	177.8	177.5	175.0	172.5	167.3	159.5	152.2	147.6	140.2	134.5
N Am	170.2	166.7	167.2	165.2	160.0	157.1	151.2	145.2	146.2	146.8	137.5	131.6
Asian	135.8	134.2	129.2	128.9	126.5	125.4	121.5	118.1	110.5	107.3	101.8	99.9
Other	293.1	277.3	255.6	230.1	216.4	196.5	183.2	169.9	173.5	166.0	159.7	142.7
†Hispanic	159.2	158.3	155.0	155.3	150.9	147.5	142.1	134.0	127.3	123.8	117.8	114.6
†Non-Hisp.	200.6	200.1	195.3	192.6	187.8	184.0	179.6	173.2	167.4	164.0	158.8	155.6
Diabetes	228.1	227.0	219.6	215.8	209.7	205.2	200.3	192.4	185.4	181.5	176.3	173.7
HTN	181.4	181.2	178.5	176.3	172.4	169.3	166.1	160.7	156.1	152.9	148.0	144.0
GN	134.3	133.1	129.9	128.3	123.2	119.9	115.4	110.9	104.4	103.2	99.1	94.9
Other cause	180.3	180.7	179.1	179.1	177.0	173.9	168.1	160.7	154.5	150.8	143.5	140.3
<2 years	215.2	215.7	211.5	210.7	206.3	203.3	198.8	192.1	185.9	182.3	175.4	170.8
2-<5 years	190.8	189.0	185.3	181.9	177.2	172.7	168.4	161.1	155.0	151.5	147.3	144.4
5+ years	168.8	168.3	162.8	159.4	155.0	151.3	146.2	140.0	134.2	131.0	126.4	124.5
All	194.0	193.5	189.1	186.7	182.2	178.6	174.0	167.4	161.3	157.9	152.5	149.2

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	2011
0-4	*	14	35	24	33	45	30	27	31	32	31	31	27	35	52	67
5-9	*	11	12	*	*	16	*	15	11	*	*	*	*	11	11	*
10-14	*	*	25	16	*	*	17	26	19	19	11	15	*	11	*	*
15-19	22	34	45	44	36	41	37	55	44	43	53	32	33	25	33	23
20-29	216	278	434	503	472	492	517	516	516	522	506	489	494	502	479	475
30-39	524	892	1,450	1,974	1,871	1,904	1,909	1,856	1,809	1,754	1,750	1,802	1,685	1,663	1,608	1,576
40-49	801	1,344	2,240	3,763	4,680	4,961	5,098	5,190	5,275	5,297	5,180	5,068	4,840	4,899	4,609	4,588
50-59	1,664	2,917	3,987	6,266	9,073	9,833	10,254	10,756	11,096	11,214	11,910	11,752	11,789	11,867	11,764	11,794
60-64	1,226	2,562	3,664	5,157	6,729	7,035	7,146	7,749	7,930	7,875	8,142	8,216	8,543	9,031	9,391	9,593
65-69	1,537	3,026	5,047	7,218	8,955	9,295	9,261	9,536	9,610	9,655	9,705	9,803	10,074	10,358	10,477	10,678
70-74	1,173	2,883	4,912	8,478	10,999	11,289	11,578	11,415	11,513	11,435	11,229	11,016	11,241	11,305	11,372	11,350
75-79	775	2,123	4,180	7,151	11,326	11,841	12,055	12,426	12,406	12,501	12,511	12,221	12,121	11,808	11,688	11,788
80-84	328	1,055	2,366	4,836	7,965	8,747	9,504	9,944	10,463	10,854	11,088	11,164	10,918	10,949	11,048	11,057
85+	96	388	1,066	2,414	5,147	5,604	6,183	6,699	6,973	7,671	8,196	8,746	9,003	9,442	9,790	10,117
0-19	42	69	117	90	86	109	88	123	105	100	105	86	77	82	106	108
20-44	1,077	1,727	2,892	4,177	4,250	4,314	4,463	4,393	4,330	4,266	4,209	4,164	4,023	4,033	3,732	3,699
45-64	3,354	6,266	8,883	13,486	18,575	19,911	20,461	21,674	22,296	22,396	23,279	23,163	23,328	23,929	24,119	24,327
65-74	2,710	5,909	9,959	15,696	19,954	20,584	20,839	20,951	21,123	21,090	20,934	20,819	21,315	21,663	21,849	22,028
75+	1,199	3,566	7,612	14,401	24,438	26,192	27,742	29,069	29,842	31,026	31,795	32,131	32,042	32,199	32,526	32,962
Male	4,591	9,503	15,501	24,657	34,669	36,786	38,224	40,043	41,222	42,079	43,035	43,495	44,066	45,168	45,443	46,152
Female	3,791	8,034	13,962	23,193	32,634	34,324	35,369	36,167	36,474	36,799	37,287	36,868	36,719	36,738	36,889	36,972
White	6,001	12,417	20,277	31,786	44,131	46,512	48,425	49,819	50,580	51,535	52,929	53,097	53,528	54,313	54,981	55,772
Black/Af Am	2,173	4,690	8,325	14,205	19,624	20,922	21,311	22,334	22,938	23,066	23,247	23,133	23,114	23,355	23,158	23,021
N Am	26	145	340	526	845	810	877	893	875	905	884	887	968	965	903	927
Asian	*	168	449	1,112	1,800	1,999	2,094	2,276	2,365	2,494	2,582	2,723	2,678	2,873	2,969	3,129
Other/unk.	172	117	72	221	903	867	886	888	938	878	680	523	497	400	321	275
†Hispanic					6,809	7,376	7,791	8,344	8,571	8,843	8,962	8,966	9,278	9,689	9,821	10,324
†Non-Hisp.					60,494	63,734	65,802	67,866	69,125	70,035	71,360	71,397	71,507	72,217	72,511	72,800
Diabetes	1,106	4,695	10,066	19,321	30,768	33,001	34,020	35,349	36,044	36,778	37,591	37,522	37,840	38,452	38,998	39,544
HTN	1,123	4,571	9,311	15,274	19,441	20,393	21,144	21,989	22,608	23,019	23,428	23,477	23,732	23,947	24,244	24,258
GN	821	2,087	3,553	4,661	5,387	5,421	5,553	5,570	5,394	5,288	5,117	4,995	4,664	4,735	4,554	4,359
Cystic kidney	217	536	744	947	1,004	1,116	1,093	1,076	1,070	1,048	1,087	1,078	1,013	1,051	1,077	1,105
Oth. urologic	137	559	909	1,141	1,894	1,958	2,048	2,100	2,175	2,030	1,668	1,549	1,360	1,321	1,237	1,297
Other cause	709	1,719	2,805	4,576	6,111	6,396	6,851	7,058	7,199	7,358	8,064	8,428	8,735	8,951	8,977	9,222
Unk. cause	852	1,310	1,494	1,779	2,526	2,741	2,768	2,882	2,982	3,112	3,075	3,061	3,126	3,107	2,824	2,876
Missing	3,417	2,060	581	151	172	84	116	186	224	245	292	253	315	342	421	463
<2 years	5,745	11,243	18,796	28,335	39,141	40,945	41,742	42,844	42,837	43,158	43,639	43,261	42,830	42,508	42,011	41,567
2-<5 years	2,237	4,058	6,585	12,573	16,983	18,165	19,220	19,878	20,453	20,704	21,175	20,886	21,173	21,768	22,018	22,262
5+ years	400	2,236	4,082	6,942	11,179	12,000	12,631	13,488	14,406	15,016	15,508	16,216	16,782	17,630	18,303	19,295
All	8,382	17,537	29,463	47,850	67,303	71,110	73,593	76,210	77,696	78,878	80,322	80,363	80,785	81,906	82,332	83,124
All with unknowns dropped	7,371	16,119	27,907	45,858	63,902	67,527	69,972	72,474	73,808	74,928	76,587	76,801	77,175	78,414	79,196	79,988

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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	2011
0-4	93.6	98.1	213.8	103.0	147.7	187.2	129.0	124.0	116.7	124.2	115.3	113.9	95.0	99.3	122.2	128.0
5-9	64.8	76.6	51.9	36.0	35.9	62.9	12.5	59.0	61.7	25.7	43.3	38.3	44.5	57.9	64.1	37.4
10-14	37.0	39.9	72.1	37.5	21.8	15.7	32.1	49.8	30.8	36.3	29.9	36.1	16.8	27.8	25.3	21.3
15-19	32.8	40.1	44.6	42.8	37.4	44.0	36.4	48.0	40.2	33.3	44.9	28.5	31.6	20.6	27.8	26.8
20-29	61.7	58.1	70.3	67.7	54.0	56.3	60.3	60.8	58.4	59.2	57.0	53.3	51.6	50.9	49.0	46.3
30-39	93.7	96.7	110.9	107.0	90.9	91.6	90.0	85.6	82.3	79.6	77.5	78.1	71.8	69.4	64.9	63.1
40-49	114.9	119.7	129.5	132.8	121.8	125.4	125.0	124.9	122.4	120.5	115.0	109.3	102.2	100.3	92.3	89.4
50-59	156.5	177.4	178.3	177.1	171.5	173.5	171.1	170.3	167.1	160.6	161.1	152.7	146.5	143.8	136.3	132.9
60-64	228.1	236.0	234.7	229.6	225.1	224.2	217.1	223.9	217.0	206.4	204.7	193.4	188.6	184.2	180.6	173.1
65-69	306.0	306.9	294.0	277.5	276.8	276.2	267.0	265.2	259.7	254.5	244.8	237.3	231.1	228.5	219.7	214.8
70-74	344.1	372.3	352.7	339.4	334.9	330.4	329.8	321.1	315.6	312.1	300.3	285.9	283.3	275.8	266.5	256.9
75-79	453.2	437.2	428.1	399.6	402.1	401.9	392.2	384.9	381.7	374.8	367.8	355.1	344.6	330.7	319.5	313.6
80-84	587.7	542.4	498.6	494.3	491.4	491.6	480.8	468.5	457.8	458.1	447.3	437.3	415.0	402.7	392.8	387.3
85+	690.1	672.0	627.8	595.9	639.0	629.4	626.9	613.2	589.7	591.1	574.7	566.7	540.0	520.9	504.2	498.5
Male	190.2	225.2	240.7	239.0	239.5	241.5	238.5	239.3	236.2	232.0	227.2	220.1	213.3	210.0	201.8	197.4
Female	183.0	210.8	229.1	240.3	251.7	253.9	252.3	249.2	243.5	240.0	235.5	225.6	217.1	210.3	203.9	198.7
White	200.1	245.6	272.6	282.2	291.6	292.2	291.7	289.4	283.0	278.9	274.2	263.9	255.6	249.5	242.2	237.6
Black/Af Am	158.9	171.6	180.4	185.5	187.1	192.2	187.9	189.5	188.2	184.4	179.3	172.3	165.2	161.3	154.1	148.4
N Am	102.6	181.7	213.6	184.1	202.3	185.5	192.3	190.9	181.3	180.1	172.1	167.4	175.4	170.7	152.4	151.0
Asian	36.7	134.5	148.9	163.8	165.9	171.4	166.7	170.5	168.2	168.3	163.6	161.5	149.6	150.3	144.3	143.1
Other	261.5	309.9	385.8	273.2	285.7	248.6	227.7	201.8	193.9	174.3	162.2	149.9	166.6	155.9	142.5	132.1
†Hispanic					193.8	193.9	191.0	191.3	184.3	179.8	171.7	161.0	156.2	153.9	146.7	145.4
†Non-Hisp.					252.8	255.4	253.4	252.5	248.8	245.3	241.4	233.8	226.1	220.9	213.8	208.6
Diabetes	267.5	301.9	287.8	277.0	277.1	278.3	271.1	268.4	261.2	256.1	250.0	238.8	230.4	224.4	217.3	212.5
HTN	149.6	222.4	247.3	247.7	249.7	251.3	249.5	247.9	244.5	241.4	238.1	230.5	223.1	216.0	209.0	201.2
GN	90.6	126.2	156.1	152.3	145.9	144.9	146.1	145.6	140.0	136.7	131.8	128.6	119.0	120.2	114.3	108.4
Other cause	220.8	223.5	218.0	228.3	240.8	243.9	246.6	247.4	246.8	241.7	235.4	227.1	220.7	216.7	205.5	204.9
<2 years	210.6	249.5	253.7	248.4	259.9	262.9	259.9	260.5	254.4	250.9	246.5	238.1	230.1	224.7	215.6	210.0
2-<5 years	162.6	201.6	233.6	250.3	237.0	237.7	237.0	233.0	229.0	224.6	220.7	209.6	203.0	198.3	192.8	187.8
5+ years	105.0	147.8	177.0	196.2	214.1	216.7	214.9	215.2	216.3	212.9	207.2	203.4	196.9	194.0	188.6	186.4
All	186.9	218.3	235.1	239.6	245.2	247.3	244.9	243.9	239.6	235.6	230.9	222.6	215.0	210.1	202.8	197.9
ADJUSTED for age, gender, race, primary cause of ESRD, and patient vintage																
0-19	60.7	71.7	79.9	59.1	61.7	68.4	59.7	67.2	62.2	60.1	59.7	55.4	50.3	46.8	52.9	60.3
20-44	106.8	108.6	120.3	123.2	109.4	108.4	108.8	107.8	104.7	102.0	98.3	94.1	88.7	86.1	80.0	76.6
45-64	168.1	197.7	196.4	187.9	180.9	182.0	179.5	179.4	176.7	172.0	168.2	161.0	154.7	151.0	145.1	141.8
65-74	280.8	335.5	320.2	305.5	306.5	306.1	301.6	297.4	291.9	287.0	277.2	264.1	256.1	251.0	243.2	236.5
75+	380.6	457.6	458.7	448.0	465.2	465.8	457.6	450.4	443.5	438.7	429.9	418.5	403.8	393.7	379.9	374.1
Male	226.6	263.5	262.6	247.0	237.4	237.3	232.9	231.2	227.6	223.5	217.5	209.1	201.9	198.1	190.8	186.9
Female	200.6	239.4	233.2	233.3	235.6	236.2	233.5	230.4	225.2	219.9	214.7	206.0	198.3	192.1	185.0	180.3
White	232.1	276.7	273.8	266.0	258.7	257.5	253.7	250.5	244.9	239.4	233.6	224.6	217.1	212.2	205.4	202.0
Black/Af Am	207.6	215.1	210.0	202.6	201.5	205.4	202.2	201.9	200.0	197.0	191.5	183.4	175.4	170.1	161.9	155.7
N Am	128.6	199.4	215.0	188.6	198.6	194.4	195.9	193.5	187.8	184.1	177.2	170.9	172.3	171.6	160.2	154.2
Asian	59.0	176.6	160.9	161.4	165.0	163.9	158.3	158.9	156.8	155.5	151.2	147.4	139.3	136.6	130.8	128.7
Other	261.0	349.6	534.6	312.4	299.0	283.0	261.7	235.3	220.9	202.4	188.0	172.7	175.0	171.5	162.4	148.9
Diabetes	266.5	314.5	299.1	281.1	273.5	272.2	264.4	259.5	252.2	246.1	239.3	229.0	219.5	213.3	205.8	201.8
HTN	167.5	214.3	224.7	221.2	214.7	214.8	212.4	210.4	206.9	203.2	199.7	193.0	187.8	183.1	177.0	172.2
GN	142.3	166.3	182.5	174.2	168.8	168.9	168.1	167.8	164.4	160.9	155.9	151.0	143.6	142.2	137.4	132.3
Other cause	218.2	233.6	228.9	231.4	239.5	242.9	244.0	245.2	245.2	242.3	236.1	226.4	218.7	214.3	204.2	200.7
<2 years	247.7	274.8	253.3	234.4	228.3	229.0	225.6	225.2	220.9	217.4	212.7	205.4	198.7	194.4	186.6	181.6
2-<5 years	217.5	246.6	254.5	247.5	224.7	222.5	218.6	214.8	209.3	203.7	198.9	189.7	182.6	177.9	172.0	168.0
5+ years	171.8	229.9	241.0	243.3	255.4	256.8	252.8	249.4	245.8	240.8	233.3	224.0	215.3	209.6	202.1	198.7
All	214.7	252.7	249.5	240.8	236.3	236.5	232.8	230.5	226.2	221.6	216.0	207.5	200.0	195.1	187.9	183.7

Table H.4 (continued)

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

ADJUSTED for age, gender, race, Hispanic ethnicity (on ME form starting in 1996), primary cause of ESRD, and patient vintage												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-19	64.3	71.8	63.0	71.3	66.5	64.8	65.2	61.7	55.5	51.4	58.0	67.1
20-44	109.0	108.5	109.4	108.7	106.0	103.6	100.3	96.8	91.5	89.2	83.4	80.4
45-64	180.7	182.1	179.9	180.0	177.6	173.0	169.6	162.8	156.9	153.5	147.9	144.8
65-74	302.7	302.5	298.5	294.8	289.6	284.9	275.5	262.9	255.2	250.5	243.0	236.6
75+	457.5	458.0	449.4	443.4	436.1	431.4	422.5	411.3	396.3	386.1	372.8	367.7
Male	235.8	236.0	231.9	230.5	227.2	223.3	217.7	209.7	202.8	199.4	192.4	188.9
Female	234.7	235.6	233.3	230.5	225.5	220.5	215.6	207.3	200.0	194.1	187.2	182.8
White	262.4	261.8	258.5	255.6	250.3	245.0	240.0	231.7	224.9	220.4	214.3	211.5
Black/Af Am	193.2	196.8	193.8	193.6	191.8	188.9	183.3	175.0	167.0	162.0	153.8	147.8
N Am	191.0	186.7	188.2	185.9	180.4	176.9	169.8	163.4	164.4	163.7	152.4	146.4
Asian	160.0	158.9	153.5	154.4	152.3	151.0	146.7	142.8	134.6	131.8	125.8	123.8
Other	363.5	343.2	316.6	282.7	265.1	243.1	228.6	212.9	217.0	212.4	201.3	183.1
†Hispanic	178.6	177.4	174.7	175.3	171.3	167.1	159.9	150.2	143.0	138.6	131.6	128.1
†Non-Hisp.	246.7	247.4	243.8	241.4	237.0	232.3	227.4	219.6	212.6	208.0	201.3	197.4
Diabetes	276.0	275.3	267.9	263.2	256.2	250.1	243.9	234.2	225.3	219.6	212.9	209.5
HTN	212.2	212.5	210.8	209.0	205.5	201.8	198.6	192.3	187.4	183.4	177.7	173.1
GN	166.0	166.4	165.6	165.6	162.3	158.6	153.8	149.2	141.8	140.3	135.6	130.8
Other cause	234.4	237.3	238.3	239.9	240.0	237.4	231.5	221.9	214.8	210.3	200.4	197.0
<2 years	226.2	227.1	223.8	223.5	219.5	216.2	211.7	204.7	198.3	194.3	186.6	181.8
2-<5 years	223.9	222.0	218.4	215.0	209.7	204.3	199.7	190.9	183.9	179.4	173.9	170.3
5+ years	254.6	256.5	253.2	250.3	247.0	242.2	235.4	226.6	218.5	213.3	206.4	203.5
All	235.0	235.5	232.2	230.2	226.2	221.8	216.5	208.4	201.3	196.8	189.9	186.0

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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	2011
0-4	127.4	38.2	22.1	10.0	4.2	16.0	19.0	14.7	15.4	10.7	14.1	6.9	10.0	3.5	10.2	.
5-9	39.7	13.1	17.0	10.3	7.1	3.0	7.0	6.9	1.3	1.3	0.0	1.2	2.4	6.0	3.5	2.2
10-14	39.9	24.2	8.1	5.8	3.8	3.8	6.1	3.7	2.9	7.3	5.0	1.4	0.0	3.5	6.8	2.8
15-19	17.4	8.8	15.6	8.4	6.7	6.0	6.3	8.9	4.6	10.5	3.9	3.0	5.3	3.9	7.9	4.4
20-29	15.0	16.8	11.9	7.9	6.7	9.4	8.7	5.4	6.9	6.4	9.4	7.4	6.9	6.7	6.0	5.3
30-39	40.9	26.9	21.3	16.2	13.8	15.6	13.3	12.7	11.9	12.2	9.9	10.7	9.0	9.3	9.0	9.1
40-49	72.5	40.8	37.1	30.2	24.2	25.0	23.8	21.2	19.4	19.2	18.9	17.3	16.7	17.6	15.2	14.0
50-59	69.5	71.5	53.6	45.0	41.7	39.4	35.8	37.0	32.9	34.4	33.5	30.8	29.5	27.7	26.3	26.7
60-64	131.0	90.5	69.8	70.4	61.0	61.6	54.7	58.1	54.9	50.1	47.7	44.4	41.8	42.0	42.5	43.0
65-69	59.1	98.5	98.5	91.0	81.7	76.7	74.0	72.3	73.8	71.2	63.7	61.1	58.2	58.3	58.0	54.2
70-74	112.4	70.6	102.7	111.0	108.9	106.6	101.1	99.5	86.4	86.4	85.7	89.1	74.2	81.1	78.9	75.7
75-79	.	.	90.4	151.5	138.1	139.3	127.5	149.1	127.4	115.5	119.7	113.4	108.9	112.8	101.4	105.1
80-84	.	383.3	109.3	139.8	200.3	155.2	145.4	151.3	164.1	161.2	172.8	160.7	169.9	157.1	158.7	142.7
85+	.	464.7	213.2	.	145.5	216.3	199.2	110.9	221.9	237.5	140.3	238.9	158.8	136.1	174.3	165.6
Male	48.6	37.5	38.5	36.4	35.5	36.9	34.9	35.2	34.3	35.4	34.5	33.9	32.5	33.4	33.7	34.0
Female	34.9	31.3	27.2	28.8	31.6	31.7	30.3	31.8	29.2	29.2	29.6	28.8	28.4	29.8	28.8	28.8
White	38.7	33.8	32.9	32.6	33.6	34.7	32.5	33.7	32.4	33.2	32.8	32.8	31.4	33.4	33.0	33.4
Black/Af Am	63.3	42.7	42.6	38.5	38.2	38.7	37.8	37.9	34.3	34.8	34.7	31.3	31.5	30.8	31.3	30.9
N Am	16.9	22.5	35.8	33.0	43.0	43.2	43.5	43.9	43.7	40.5	39.3	36.1	41.1	51.6	47.9	41.1
Asian	.	16.8	16.1	23.1	20.8	20.2	21.8	18.4	20.2	21.2	21.0	22.4	20.0	18.1	17.1	19.3
Other	107.6	60.3	26.7	39.3	9.7	17.2	9.6	12.6	22.0	13.8	15.2	16.5	19.0	6.2	19.9	12.4
†Hispanic					27.4	27.7	23.4	23.2	23.0	24.6	27.0	23.2	24.3	23.8	23.9	23.2
†Non-Hisp.					34.6	35.6	34.2	35.1	33.4	34.0	33.3	33.0	31.8	33.2	32.9	33.2
Diabetes	77.7	61.8	52.6	54.2	54.5	56.6	53.2	54.7	55.3	52.4	54.1	50.7	49.2	50.3	51.1	52.5
HTN	32.0	33.0	37.1	37.1	38.4	39.5	39.9	37.7	34.6	38.2	36.2	36.1	35.8	35.1	34.4	33.2
GN	22.1	21.9	24.0	23.3	25.1	25.3	22.5	23.5	21.0	23.1	22.7	21.9	21.6	23.2	22.2	22.5
Other cause	55.0	38.1	32.6	28.1	26.2	26.7	25.6	26.8	25.3	25.6	24.4	25.2	23.4	24.9	24.7	24.5
<2 years	61.4	37.6	30.4	20.6	16.4	19.8	19.3	19.2	17.7	21.2	15.9	15.3	15.7	15.1	16.3	12.6
2-<5 years	44.5	35.7	30.9	25.9	24.1	24.5	23.7	22.4	22.3	21.8	20.1	21.6	18.4	19.2	21.7	19.4
5+ years	14.0	33.3	36.9	38.9	39.6	40.2	37.8	39.1	36.8	37.2	37.6	36.2	35.4	36.6	35.4	36.2
All	43.0	35.1	34.0	33.3	33.9	34.8	33.0	33.8	32.3	32.9	32.5	31.8	30.8	32.0	31.7	31.9
ADJUSTED for age, gender, race, primary cause of ESRD, and patient vintage																
0-19	28.2	30.4	14.8	11.5	9.8	12.1	11.8	9.2	11.8	8.1	6.1	5.3	5.9	9.6	6.5	
20-44	36.2	28.5	19.7	15.4	16.2	15.0	14.6	13.2	13.0	12.1	11.6	10.7	10.6	10.3	9.3	
45-64	70.5	58.1	47.4	37.3	37.3	34.6	34.2	31.4	31.5	29.2	26.9	25.1	24.7	24.3	23.2	
65-74	97.0	93.3	93.9	80.1	79.3	76.2	74.7	69.5	69.3	63.7	60.1	54.6	54.7	53.9	50.8	
75+	152.6	82.6	135.4	116.4	123.8	125.6	124.7	120.8	113.5	109.2	100.9	96.5	95.8	94.6	90.0	
Male	84.7	69.1	73.6	56.3	57.7	55.0	54.1	50.9	51.0	47.1	43.7	39.6	38.9	38.7	36.7	
Female	72.3	51.2	51.3	47.1	48.3	48.1	47.5	44.5	42.5	40.6	37.5	36.0	36.2	35.1	33.2	
White	72.8	56.0	60.6	51.0	52.6	51.0	50.4	47.5	47.0	44.2	41.4	38.5	38.8	38.1	36.3	
Black/Af Am	100.2	76.1	72.2	58.0	58.8	56.9	56.4	51.8	50.2	46.9	41.9	39.0	37.5	37.2	34.7	
N Am	60.9	60.2	53.0	49.5	54.5	56.2	54.6	52.1	49.2	44.3	40.1	40.9	48.7	50.8	45.5	
Asian	44.0	36.2	47.9	35.2	34.5	35.2	32.2	32.0	31.7	30.4	29.9	27.3	25.2	23.3	23.0	
Other	111.8	57.2	49.9	23.1	26.2	23.9	21.7	30.5	27.8	28.0	26.4	27.9	16.7	22.1	16.5	
Diabetes	95.5	74.8	85.3	69.8	72.0	69.7	68.6	66.1	62.3	59.4	53.3	49.6	48.5	48.5	46.6	
HTN	56.5	48.9	53.0	43.9	44.9	44.3	43.3	39.2	40.9	38.1	36.7	34.4	34.1	32.8	30.1	
GN	80.6	56.6	44.8	39.3	39.5	35.4	36.3	31.5	33.0	30.2	28.8	27.1	27.8	27.7	26.2	
Other cause	87.8	62.7	50.0	40.1	40.0	40.2	39.1	37.4	36.7	32.8	31.6	29.4	29.7	29.3	27.1	
<2 years	85.2	57.2	50.7	36.2	39.3	40.3	39.7	36.8	38.3	33.5	29.7	27.5	27.1	27.4	24.0	
2-<5 years	78.9	55.6	54.7	46.1	45.9	43.7	42.4	40.5	38.1	35.9	34.6	31.2	30.9	31.4	30.3	
5+ years	72.5	69.2	86.7	78.5	78.7	74.9	74.4	70.2	67.1	66.3	61.9	58.7	58.5	55.7	54.9	
All	79.2	61.0	63.2	52.1	53.3	51.8	51.0	47.9	47.1	44.1	40.8	38.0	37.7	37.1	35.1	

Table H.10 (continued)

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

ADJUSTED for age, gender, race, Hispanic ethnicity (on ME form starting in 1996), primary cause of ESRD, and patient vintage												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-19	11.3	9.6	10.8	11.4	9.1	11.7	8.1	6.0	5.3	5.9	9.3	6.5
20-44	15.1	16.0	15.2	14.2	12.9	12.8	12.0	11.5	10.6	10.4	10.2	9.2
45-64	36.9	36.9	34.1	33.6	30.6	30.9	28.9	26.4	24.8	24.3	24.0	22.8
65-74	79.9	78.4	73.9	73.4	68.8	68.3	63.1	59.3	54.0	54.0	53.4	50.2
75+	119.4	123.2	115.9	121.8	117.0	111.7	107.8	98.7	94.9	94.4	91.9	88.6
Male	56.6	57.2	53.4	53.1	49.9	50.4	46.7	43.2	39.3	38.5	38.5	36.3
Female	47.0	48.2	45.7	47.1	43.6	41.9	40.2	36.9	35.5	35.8	34.4	32.8
White	51.4	52.5	49.3	50.1	47.2	46.9	44.2	41.4	38.6	38.9	38.1	36.5
Black/Af Am	57.6	57.8	54.0	54.4	49.7	48.6	45.6	40.4	37.8	36.2	35.8	33.3
N Am	49.5	53.9	53.2	53.4	50.7	48.3	43.8	39.2	40.2	47.6	49.6	44.4
Asian	35.1	34.0	34.2	31.4	31.0	30.9	29.8	29.0	26.7	24.6	22.6	22.4
Other	23.1	26.2	19.9	21.5	30.2	28.0	28.6	27.4	29.1	17.7	23.6	18.0
†Hispanic	51.1	47.1	42.3	40.5	38.0	37.6	37.3	31.9	31.6	31.0	30.9	27.8
†Non-Hisp.	52.4	53.9	50.9	51.9	48.7	47.9	44.7	41.8	38.6	38.4	37.6	35.9
Diabetes	70.3	72.0	67.1	67.8	64.9	62.1	59.2	53.2	49.3	48.3	47.5	46.4
HTN	43.8	44.4	42.9	42.6	38.7	40.3	37.6	36.2	34.1	33.9	32.8	29.9
GN	38.5	39.0	35.1	35.4	31.1	32.4	29.7	28.1	26.5	27.2	27.3	25.6
Other cause	39.7	39.3	37.4	38.2	36.3	35.3	32.1	30.8	28.9	29.0	28.5	26.5
<2 years	36.2	39.0	37.9	38.9	35.8	37.5	33.0	29.1	27.1	26.6	26.9	23.6
2-<5 years	46.4	45.7	42.8	41.9	39.9	37.7	35.6	34.2	30.9	30.6	31.0	30.0
5+ years	78.7	78.2	72.1	73.4	69.1	66.5	65.9	61.4	58.4	58.1	55.2	54.7
All	52.2	52.9	49.8	50.3	47.0	46.4	43.7	40.3	37.6	37.3	36.6	34.7

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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	2010
0-4	91.5	91.0	77.7	88.2	89.4	87.7	87.4	84.3	83.8	87.9	90.9	89.8	88.2	89.7	83.3	91.1	91.6	86.0	89.2
5-9	93.5	94.1	91.9	95.8	93.8	96.1	100.0	96.0	96.1	96.6	94.9	97.2	97.2	98.6	96.0	96.0	94.3	94.9	97.9
10-14	96.6	98.1	90.2	97.4	97.4	97.5	98.1	97.6	97.4	97.7	97.6	98.4	98.1	97.8	98.3	99.3	98.9	98.6	98.5
15-19	96.7	97.2	92.3	97.5	96.7	98.5	96.4	97.3	97.9	97.0	97.6	96.7	96.7	96.3	97.4	97.7	97.7	96.9	97.6
20-29	92.9	93.1	92.9	91.7	94.0	94.1	95.2	95.1	93.4	94.6	93.6	93.6	93.6	93.4	93.9	94.2	94.4	94.7	95.2
30-39	89.6	90.3	89.7	88.5	89.3	90.6	90.7	90.6	90.6	91.0	91.1	91.1	91.7	91.7	92.6	92.7	92.1	93.0	93.5
40-49	89.1	89.1	89.1	88.3	88.6	89.2	88.5	88.6	89.0	88.6	88.2	88.2	88.5	88.5	89.2	89.6	89.8	90.3	91.2
50-59	84.7	82.9	84.4	85.0	84.4	85.3	84.6	84.3	84.5	84.3	84.7	84.0	84.8	84.5	85.2	85.5	85.9	86.2	86.3
60-64	78.4	76.3	77.6	78.8	79.5	79.7	78.2	79.3	78.9	79.6	79.2	79.8	80.3	80.8	81.0	81.3	82.2	82.2	82.4
65-69	70.5	69.3	73.6	74.7	74.6	73.7	74.2	74.0	73.9	74.4	74.5	74.7	74.6	75.3	76.5	76.2	76.6	77.9	77.9
70-74	65.6	64.9	68.1	69.4	68.8	68.1	68.8	68.0	68.4	68.2	68.2	68.5	69.0	69.5	70.6	70.8	70.9	72.3	73.2
75-79	58.8	62.4	63.3	62.9	62.8	62.0	62.0	61.9	62.4	62.6	62.9	62.5	63.0	63.7	63.7	64.8	66.1	66.1	67.3
80-84	53.3	56.2	57.2	57.8	57.2	56.5	55.1	55.5	54.9	55.2	56.4	56.9	57.1	57.0	57.2	57.8	59.8	60.8	61.9
85+	51.5	46.1	50.0	50.7	47.4	46.6	46.9	45.9	47.3	46.9	47.7	46.1	47.4	48.5	48.2	50.3	51.7	51.7	52.5
Male	80.7	77.8	77.6	77.2	76.8	76.4	76.0	75.7	75.8	75.6	75.6	75.5	75.8	76.1	76.8	77.0	77.5	78.1	78.6
Female	80.9	78.2	78.1	77.4	76.6	75.8	75.3	74.8	74.5	74.6	74.4	74.3	75.1	75.1	75.8	76.3	77.2	77.7	78.1
White	79.1	75.6	75.0	74.5	73.7	73.0	72.8	72.6	72.5	72.2	72.1	72.1	72.7	73.0	73.6	73.8	74.5	74.9	75.4
Black/Af Am	85.2	83.1	83.0	81.8	82.0	81.9	80.9	80.4	79.8	80.2	79.9	79.4	80.1	80.1	81.0	81.5	82.2	82.8	83.3
Native American	92.1	82.5	85.2	85.1	85.3	84.4	84.6	82.9	83.5	85.1	85.3	82.7	82.8	83.8	84.7	86.6	82.1	87.1	88.5
Asian	97.2	86.6	88.0	84.4	82.9	84.1	83.2	83.6	84.6	83.8	84.5	84.6	84.4	84.1	84.6	84.8	86.0	87.7	87.0
Other/unknown	69.3	72.6	71.9	75.5	73.5	74.0	71.6	69.6	75.0	77.5	76.5	79.1	79.6	79.3	68.9	72.9	74.5	81.2	80.5
†Hispanic					82.2	81.1	81.0	80.9	81.4	81.5	81.2	81.4	82.3	82.2	83.5	83.7	84.1	84.9	85.0
†Non-Hispanic					76.0	75.5	75.0	74.6	74.2	74.3	74.2	74.0	74.4	74.7	75.2	75.6	76.2	76.8	77.2
Diabetes	78.5	75.4	77.5	77.8	77.3	76.9	76.2	76.1	76.1	76.3	76.3	76.6	77.2	77.2	78.2	78.4	79.1	80.1	80.3
Hypertension	83.8	76.8	75.1	75.4	74.7	73.4	73.2	72.6	72.8	72.4	72.8	72.6	73.0	73.5	73.8	74.6	75.4	75.4	76.8
Glomerulonephritis	91.6	87.8	85.7	86.5	86.3	86.4	85.9	85.5	86.6	86.1	86.5	86.5	87.2	87.6	88.0	89.1	89.7	90.0	89.7
Other cause	77.2	75.8	77.0	72.9	72.2	72.4	72.4	72.0	71.0	71.1	69.9	69.4	69.9	70.7	71.3	71.6	71.9	72.6	72.6
All	80.8	78.0	77.8	77.3	76.7	76.1	75.7	75.3	75.2	75.2	75.1	74.9	75.5	75.7	76.3	76.7	77.3	77.9	78.4
ADJUSTED for age, gender, race, and primary cause of ESRD																			
0-19	91.5	90.3	90.9	91.1	91.0	91.0	90.9	90.8	90.9	90.9	91.0	90.9	91.1	91.2	91.4	91.6	91.8	92.0	92.2
20-44	91.3	90.3	90.9	91.2	91.2	91.2	91.0	91.0	91.1	91.1	91.1	91.1	91.3	91.4	91.6	91.8	92.0	92.2	92.5
45-64	83.8	81.9	82.9	83.4	83.3	83.3	83.1	83.0	83.1	83.2	83.2	83.2	83.5	83.7	84.1	84.4	84.9	85.2	85.6
65-74	72.5	69.4	71.0	71.6	71.4	71.4	71.1	71.0	71.1	71.2	71.4	71.2	71.8	72.1	72.8	73.1	73.9	74.5	75.1
75+	60.1	56.0	58.1	58.8	58.6	58.5	58.1	58.0	58.2	58.3	58.5	58.3	59.1	59.5	60.3	60.8	61.8	62.6	63.4
Male	76.0	73.3	74.7	75.2	75.1	75.1	74.8	74.7	74.8	74.9	75.0	74.9	75.4	75.7	76.2	76.6	77.2	77.7	78.2
Female	76.1	73.5	74.9	75.4	75.3	75.3	75.0	74.9	75.0	75.1	75.2	75.1	75.6	75.9	76.4	76.7	77.4	77.9	78.4
White	74.6	71.8	73.2	73.8	73.7	73.6	73.3	73.2	73.4	73.5	73.6	73.5	74.0	74.3	74.8	75.2	75.9	76.4	76.9
Black/Af Am	78.1	75.6	76.9	77.5	77.3	77.3	77.0	77.0	77.1	77.2	77.3	77.2	77.6	77.9	78.4	78.7	79.3	79.8	80.3
Native American	79.7	77.4	78.6	79.1	79.0	79.0	78.7	78.7	78.8	78.9	79.0	78.9	79.3	79.5	80.0	80.3	80.9	81.3	81.8
Asian	83.7	81.8	82.8	83.2	83.1	83.1	82.9	82.8	82.9	83.0	83.0	83.0	83.3	83.5	83.9	84.2	84.6	85.0	85.3
Other/unknown	72.9	69.8	71.3	71.8	71.6	71.5	71.2	71.1	71.3	71.4	71.5	71.4	71.9	72.2	72.8	73.2	73.9	74.5	75.0
Diabetes	76.1	73.5	75.0	75.6	75.5	75.5	75.1	75.1	75.2	75.3	75.4	75.3	75.8	76.1	76.6	76.9	77.6	78.1	78.6
Hypertension	77.3	74.8	76.1	76.6	76.4	76.4	76.1	76.0	76.2	76.3	76.3	76.2	76.7	77.0	77.5	77.8	78.4	78.9	79.4
Glomerulonephritis	82.9	80.9	82.0	82.4	82.3	82.2	82.0	82.0	82.1	82.1	82.2	82.1	82.5	82.7	83.1	83.3	83.8	84.2	84.6
Other cause	71.2	68.0	69.5	70.0	69.8	69.8	69.5	69.4	69.5	69.6	69.7	69.6	70.2	70.5	71.1	71.5	72.3	72.8	73.4
All	76.1	73.4	74.8	75.3	75.2	75.1	74.9	74.8	74.9	75.0	75.1	75.0	75.5	75.8	76.3	76.6	77.3	77.8	78.3

Table I.2 (continued)

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*

	ADJUSTED for age, gender, race, Hispanic (on ME form starting in 1996), and primary cause of ESRD														
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
0-19	88.7	88.7	88.6	88.5	88.6	88.6	88.7	88.6	88.8	89.0	89.2	89.4	89.7	89.9	90.2
20-44	91.4	91.4	91.3	91.2	91.3	91.3	91.3	91.3	91.5	91.6	91.8	91.9	92.2	92.4	92.6
45-64	83.4	83.4	83.2	83.1	83.2	83.3	83.3	83.2	83.6	83.8	84.2	84.4	84.9	85.2	85.6
65-74	71.8	71.8	71.4	71.3	71.4	71.6	71.6	71.5	72.1	72.4	73.0	73.3	74.0	74.6	75.2
75+	58.6	58.5	58.1	57.9	58.0	58.2	58.4	58.2	58.9	59.3	60.1	60.6	61.5	62.3	63.1
Male	75.5	75.4	75.2	75.1	75.1	75.2	75.3	75.2	75.7	76.0	76.5	76.8	77.4	77.9	78.4
Female	75.2	75.2	74.9	74.8	74.9	75.0	75.1	75.0	75.5	75.7	76.2	76.6	77.2	77.7	78.2
White	73.8	73.8	73.5	73.3	73.4	73.6	73.6	73.5	74.0	74.3	74.8	75.2	75.8	76.3	76.9
Black/Af Am	76.6	76.6	76.4	76.3	76.3	76.5	76.5	76.4	76.9	77.1	77.6	77.9	78.5	79.0	79.5
Native American	78.6	78.6	78.3	78.2	78.3	78.4	78.5	78.4	78.8	79.0	79.5	79.8	80.3	80.8	81.2
Asian	82.9	82.9	82.6	82.6	82.6	82.7	82.8	82.7	83.0	83.2	83.6	83.8	84.3	84.6	85.0
Other/unknown	74.2	74.1	73.8	73.7	73.8	73.9	74.0	73.9	74.4	74.7	75.2	75.5	76.2	76.7	77.2
†Hispanic	78.5	78.5	78.2	78.1	78.2	78.3	78.4	78.2	78.7	78.9	79.4	79.7	80.2	80.6	81.1
†Non-Hispanic	74.5	74.5	74.2	74.1	74.2	74.3	74.4	74.2	74.8	75.0	75.6	75.9	76.5	77.0	77.5
Diabetes	75.8	75.8	75.5	75.4	75.5	75.6	75.7	75.6	76.1	76.3	76.8	77.1	77.8	78.3	78.8
Hypertension	76.8	76.8	76.6	76.5	76.5	76.6	76.7	76.6	77.1	77.3	77.8	78.1	78.7	79.1	79.6
Glomerulonephritis	83.0	83.0	82.8	82.7	82.7	82.8	82.9	82.8	83.2	83.3	83.7	83.9	84.4	84.7	85.1
Other cause	68.8	68.7	68.4	68.3	68.4	68.5	68.6	68.5	69.1	69.4	70.0	70.4	71.1	71.7	72.3
All	75.4	75.3	75.1	75.0	75.0	75.2	75.2	75.1	75.6	75.9	76.4	76.7	77.3	77.8	78.3

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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	2001	
0-4	74.6	75.0	75.6	73.3	66.8	73.9	63.9	69.8	73.4	73.5	74.8	75.4	74.8	74.7	74.3	72.9	68.7	77.6	
5-9	79.8	82.6	86.3	84.1	89.8	82.7	81.5	88.5	89.5	79.2	89.1	84.6	81.1	91.4	91.3	92.6	85.2	84.4	
10-14	80.1	81.3	85.8	90.9	81.3	81.2	76.6	84.5	82.1	83.8	81.4	86.7	87.8	83.2	86.1	86.0	87.6	87.0	
15-19	80.1	76.7	80.1	78.8	80.0	82.5	78.0	79.1	80.8	78.9	81.5	80.5	77.6	79.9	77.1	77.6	79.9	78.4	
20-29	65.9	64.6	65.8	64.7	66.7	64.1	65.0	64.0	65.3	67.8	67.4	65.5	68.1	69.3	69.8	71.3	68.3	70.5	
30-39	49.8	47.3	48.7	46.8	49.2	49.5	49.6	48.4	49.2	49.4	49.0	51.0	50.8	52.5	53.4	53.6	55.1	55.2	
40-49	34.9	35.6	36.5	35.8	35.8	34.3	35.8	34.5	36.5	36.5	36.3	36.9	36.7	37.4	38.3	39.1	40.2	41.4	
50-59	17.5	17.8	18.4	19.4	18.1	18.0	17.9	19.2	19.0	19.2	20.1	20.7	20.7	21.8	23.1	23.5	24.3	25.4	
60-64	8.9	8.7	8.3	8.4	9.0	7.9	8.1	8.6	9.2	9.6	9.9	10.2	11.0	11.4	11.7	12.4	13.4	13.7	
65-69	3.9	4.7	4.1	3.9	4.4	4.2	4.8	4.3	4.1	5.1	4.6	5.1	5.3	5.4	6.3	6.4	7.4	8.1	
70-74	2.7	2.4	2.0	2.1	2.2	2.0	2.4	1.7	2.1	2.2	2.2	2.4	2.5	2.6	2.8	3.6	3.9	4.0	
75-79	1.1	0.8	1.0	1.1	1.3	0.8	0.7	1.0	0.9	1.0	0.8	1.2	1.0	1.2	1.2	1.5	1.6	1.7	
80-84	0.7	0.6	0.4	0.5	0.2	0.4	0.2	0.4	0.4	0.2	0.4	0.6	0.5	0.4	0.4	0.7	0.7	0.7	
85+	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.3	0.1	0.2	0.1	0.3	0.1	0.2	0.3	0.2	0.2	
Male	25.9	22.3	22.8	21.8	21.4	20.6	20.9	19.6	19.9	20.2	19.4	20.2	19.6	19.0	19.4	19.5	19.7	20.1	
Female	26.2	21.4	20.4	19.6	20.0	18.2	17.5	17.1	17.2	16.8	16.8	16.7	16.1	16.1	16.4	16.7	17.0	17.1	
White	26.4	21.6	21.3	20.5	19.6	18.3	18.3	17.3	17.2	17.3	16.6	17.1	16.3	15.9	16.4	16.4	16.4	16.6	
Black/Af Am	24.8	21.6	21.3	20.5	22.0	21.0	20.3	19.8	20.6	20.2	20.3	20.8	20.7	20.4	20.3	21.0	21.6	21.6	
Native American	31.8	20.9	21.2	16.0	20.6	18.8	21.7	19.2	17.2	19.2	20.9	20.5	21.6	19.0	20.3	19.1	21.7	23.0	
Asian	68.1	36.6	40.7	37.8	38.2	35.3	33.2	32.3	31.8	30.4	28.3	27.3	26.6	27.3	27.5	28.0	28.0	29.2	
Other/unknown	7.8	33.8	21.3	26.6	29.4	21.8	31.4	27.3	12.7	18.9	13.6	12.6	10.4	13.8	16.7	17.1	23.3	26.1	
†Hispanic														21.5	22.3	23.0	23.3	24.2	25.5
†Non-Hispanic														17.5	17.0	17.3	17.5	17.6	17.8
Diabetes	15.0	12.1	12.4	11.8	11.5	11.2	10.4	10.3	10.6	10.7	10.9	10.7	10.6	10.4	10.8	11.4	11.8	12.3	
Hypertension	26.9	16.9	16.7	14.9	16.5	15.0	15.3	14.6	15.2	14.7	14.6	15.8	15.2	14.9	14.9	15.2	15.7	15.6	
Glomerulonephritis	49.3	39.2	39.4	38.5	39.3	37.9	38.3	36.4	38.9	39.1	37.8	39.9	39.0	39.7	40.5	40.7	41.9	43.6	
Other cause	21.8	26.4	26.8	27.6	26.7	27.1	28.4	28.5	27.4	28.5	27.7	26.6	26.5	26.4	27.3	27.0	27.3	27.4	
All	26.0	21.9	21.7	20.8	20.7	19.5	19.3	18.5	18.6	18.6	18.1	18.5	18.0	17.6	18.0	18.2	18.4	18.7	
ADJUSTED for age, gender, race, and primary cause of ESRD																			
0-19	67.5	67.1	67.7	67.7	68.3	68.5	68.6	68.8	69.4	69.9	70.1	70.5	70.7	70.9	71.4	71.9	72.5	73.0	
20-44	44.3	45.1	45.6	45.7	46.3	46.4	46.7	46.8	47.7	48.4	48.8	49.7	49.9	50.5	51.4	52.3	53.4	54.2	
45-64	15.4	16.3	16.7	16.7	17.2	17.2	17.5	17.6	18.4	19.0	19.3	20.2	20.4	20.9	21.9	22.8	24.0	24.8	
65-74	2.5	2.9	3.0	3.0	3.2	3.2	3.3	3.3	3.6	3.9	4.0	4.4	4.5	4.7	5.2	5.6	6.2	6.6	
75+	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.8	0.9	1.0	1.1	1.3	1.5	1.6	
Male	12.7	13.2	13.5	13.5	13.8	13.8	14.0	14.0	14.5	14.9	15.1	15.7	15.8	16.2	16.8	17.4	18.2	18.7	
Female	12.5	13.1	13.3	13.3	13.6	13.6	13.8	13.9	14.3	14.7	14.9	15.5	15.6	16.0	16.6	17.2	18.0	18.5	
White	12.8	13.2	13.4	13.4	13.7	13.7	13.9	14.0	14.4	14.8	15.0	15.5	15.6	15.9	16.5	17.0	17.7	18.2	
Black/Af Am	11.4	12.1	12.4	12.4	12.7	12.7	12.9	12.9	13.5	13.9	14.2	14.8	14.9	15.3	16.1	16.7	17.6	18.2	
Native American	13.1	13.8	14.1	14.1	14.4	14.4	14.6	14.7	15.2	15.7	15.9	16.5	16.7	17.1	17.8	18.5	19.4	20.0	
Asian	19.2	20.1	20.3	20.3	20.7	20.6	20.9	20.9	21.5	21.9	22.2	22.9	23.0	23.5	24.3	25.0	25.9	26.5	
Other/unknown	11.0	11.3	11.6	11.6	11.9	11.9	12.1	12.1	12.6	13.0	13.1	13.6	13.7	14.0	14.6	15.1	15.8	16.3	
Diabetes	7.5	8.0	8.2	8.2	8.5	8.5	8.7	8.7	9.1	9.5	9.7	10.2	10.3	10.6	11.2	11.8	12.5	13.0	
Hypertension	14.8	15.5	15.7	15.7	16.1	16.0	16.3	16.3	16.9	17.3	17.5	18.1	18.2	18.6	19.3	20.0	20.8	21.3	
Glomerulonephritis	21.9	22.8	23.1	23.1	23.5	23.4	23.7	23.7	24.4	24.9	25.1	25.8	26.0	26.4	27.2	28.0	28.9	29.5	
Other cause	16.2	16.5	16.8	16.8	17.2	17.3	17.5	17.6	18.1	18.6	18.8	19.3	19.5	19.8	20.5	21.1	21.9	22.4	
All	12.6	13.2	13.4	13.4	13.7	13.7	13.9	14.0	14.5	14.9	15.0	15.6	15.7	16.1	16.7	17.3	18.1	18.6	

Table I.6 (continued)

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*

ADJUSTED for age, gender, race, Hispanic (on ME form starting in 1996), and primary cause of ESRD						
	1996	1997	1998	1999	2000	2001
0-19	66.3	66.6	67.0	67.5	68.0	68.7
20-44	48.7	49.3	50.2	51.1	52.1	53.0
45-64	21.1	21.7	22.6	23.5	24.5	25.4
65-74	4.6	4.9	5.4	5.8	6.4	6.8
75+	0.8	0.9	1.0	1.2	1.3	1.5
Male	16.3	16.7	17.3	17.9	18.5	19.1
Female	15.6	16.0	16.6	17.1	17.8	18.4
White	15.7	16.0	16.6	17.1	17.7	18.2
Black/Af Am	14.8	15.2	15.9	16.5	17.3	17.9
Native American	16.4	16.8	17.5	18.2	19.0	19.7
Asian	22.9	23.4	24.1	24.8	25.6	26.3
Other/unknown	17.8	18.1	18.8	19.4	20.1	20.7
†Hispanic	18.7	19.1	19.8	20.5	21.2	21.9
†Non-Hispanic	15.3	15.6	16.2	16.7	17.4	18.0
Diabetes	10.5	10.8	11.4	11.9	12.6	13.2
Hypertension	18.1	18.5	19.2	19.8	20.6	21.2
Glomerulonephritis	27.7	28.1	28.9	29.6	30.5	31.1
Other cause	20.2	20.5	21.1	21.7	22.4	23.0
All	16.0	16.4	17.0	17.6	18.2	18.8

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Table J.1

Certified dialysis & transplant facilities, by Medicare certification

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Certified units											
Facilities	2,148	2,292	2,456	2,624	2,876	3,083	3,344	3,576	3,833	4,013	4,175
Dialysis patients	141,942	156,834	170,958	186,316	199,711	213,731	229,834	245,365	259,159	273,009	285,645
Transplanted patients	9,997	10,090	10,903	11,295	11,885	12,179	12,367	13,316	13,479	14,300	14,608
Veterans Administration											
Facilities	12	12	13	13	12	12	11	11	10	10	10
Dialysis patients	546	520	521	506	451	372	356	345	334	324	337
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	4,185
Total dialysis patients	142,488	157,354	171,479	186,822	200,162	214,103	230,190	245,710	259,493	273,333	285,982
Patients transplanted	10,011	10,101	10,910	11,296	11,885	12,179	12,367	13,316	13,479	14,300	14,608
Total transplants	10,026	10,115	10,934	11,312	11,902	12,198	12,427	13,272	13,483	14,311	14,628
Living donor	2,382	2,536	2,828	3,000	3,416	3,703	3,915	4,520	4,644	5,427	5,804
Deceased donor	7,644	7,579	8,106	8,312	8,486	8,495	8,512	8,752	8,839	8,884	8,824
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Certified units											
Facilities	4,379	4,530	4,673	4,870	4,997	5,170	5,430	5,689	5,798	5,938	
Dialysis patients	296,322	307,909	318,170	330,132	342,752	355,443	368,639	384,176	399,200	411,191	
Transplanted patients	15,055	15,661	16,488	17,146	17,712	17,254	16,961	17,209	17,447	17,113	
Veterans Administration											
Facilities	54	61	59	71	70	70	71	71	71	71	
Dialysis patients	2,030	2,186	2,234	2,658	2,551	2,652	2,696	2,841	2,854	2,986	
Transplanted patients	22	51	41	114	106	100	93	123	97	129	
Total facilities	4,433	4,591	4,732	4,941	5,067	5,240	5,501	5,760	5,869	6,009	
Total dialysis patients	298,352	310,095	320,404	332,790	345,303	358,095	371,335	387,017	402,054	414,177	
Patients transplanted	15,077	15,712	16,529	17,260	17,818	17,354	17,054	17,332	17,544	17,242	
Total transplants	15,106	15,738	16,568	17,295	17,870	17,380	17,098	17,370	17,584	17,290	
Living donor	5,893	6,244	6,506	6,480	6,361	5,987	5,858	6,250	6,182	5,679	
Deceased donor	9,213	9,494	10,062	10,815	11,509	11,393	11,240	11,120	11,402	11,611	

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	2011
0-4	10,750,551	7,632,816	16,443,829	16,643,698	15,766,240	22,063,346	21,243,281	24,135,066	26,135,349
5-9	9,207,079	9,504,316	11,444,328	13,846,298	15,758,823	15,980,567	16,659,122	16,668,425	18,079,597
10-14	19,662,564	16,547,299	28,440,178	32,046,176	30,263,792	29,388,295	34,487,762	30,856,475	29,188,963
15-19	47,200,680	47,081,272	64,277,477	78,012,522	72,538,075	81,949,556	85,452,187	87,841,302	87,074,118
20-29	335,083,701	354,400,696	449,884,589	520,923,120	538,144,778	587,848,706	643,045,341	666,958,293	663,547,470
30-39	811,635,416	894,616,119	1,214,325,945	1,369,549,375	1,411,619,585	1,518,104,815	1,655,881,703	1,682,351,594	1,703,459,308
40-49	1,174,481,454	1,593,072,000	2,434,738,729	2,721,009,351	2,825,514,234	3,067,304,314	3,354,251,123	3,495,931,305	3,574,468,219
50-59	1,463,917,363	2,176,760,082	3,726,592,890	4,263,847,830	4,520,654,555	5,057,406,707	5,505,945,296	5,859,753,188	6,045,951,093
60-64	923,670,537	1,269,917,348	2,124,733,219	2,348,913,634	2,509,177,785	2,857,248,337	3,169,302,956	3,479,216,743	3,715,361,783
65-69	1,320,558,129	1,667,008,215	2,640,326,688	2,849,364,787	2,968,203,332	3,328,518,846	3,561,399,315	3,870,662,309	4,015,263,418
70-74	1,253,535,794	1,701,057,353	2,478,761,187	2,622,423,511	2,742,478,930	3,016,508,686	3,200,207,695	3,466,173,881	3,560,522,313
75-79	877,952,738	1,421,527,861	2,191,570,106	2,312,577,080	2,348,637,479	2,553,005,322	2,627,486,658	2,801,254,235	2,891,871,382
80-84	414,546,954	670,698,737	1,272,241,656	1,357,702,484	1,410,539,827	1,567,455,518	1,628,650,213	1,738,745,364	1,765,768,019
85+	188,880,023	381,199,106	773,613,279	869,342,583	948,830,670	1,099,338,485	1,200,960,683	1,332,675,202	1,391,069,461
Unknown	612,319	590,980	95,023	1,112,641	363,665	318,291	1,235,897	818,721	1,670,288
0-19	86,820,874	80,765,703	120,605,812	140,548,694	134,326,930	149,381,765	157,842,352	159,501,267	160,478,026
20-44	1,694,179,416	1,957,247,796	2,720,197,821	3,070,595,037	3,161,895,541	3,426,553,920	3,727,797,657	3,808,586,031	3,855,709,754
45-64	3,014,609,055	4,331,518,449	7,230,077,549	8,153,648,273	8,643,215,396	9,661,358,961	10,600,628,762	11,375,625,092	11,847,078,118
65-74	2,574,093,923	3,368,065,568	5,119,087,875	5,471,788,298	5,710,682,262	6,345,027,531	6,761,607,011	7,336,836,189	7,575,785,731
75+	1,481,379,714	2,473,425,704	4,237,425,042	4,539,622,147	4,708,007,977	5,219,799,325	5,457,097,555	5,872,674,801	6,048,708,862
Unknown	612,319	590,980	95,023	1,112,641	363,665	318,291	1,235,897	818,721	1,670,288
Male	4,451,974,540	6,226,955,277	10,261,075,951	11,302,663,267	11,869,448,153	13,234,916,306	14,314,823,357	15,311,518,725	15,846,271,139
Female	4,399,720,761	5,984,658,922	9,166,329,206	10,074,651,460	10,489,043,616	11,567,523,486	12,391,385,875	13,242,491,602	13,643,104,460
Unknown	.	.	83,965	362	.	.	.	31,774	55,182
White	5,233,373,339	6,950,254,452	11,068,976,718	12,106,294,896	12,681,526,474	14,103,819,229	15,147,757,573	16,187,019,210	16,749,357,573
Black/Af Am	3,268,898,727	4,631,592,716	7,284,644,254	8,085,506,086	8,440,252,753	9,320,319,037	10,043,380,251	10,731,480,396	11,000,215,355
Native American	113,554,273	171,316,473	261,160,151	281,094,645	294,223,082	324,876,706	360,476,356	393,319,299	408,136,950
Asian	218,830,719	366,045,713	630,766,660	733,423,473	790,272,755	912,855,587	1,021,181,036	1,125,242,795	1,222,431,593
Other	11,621,476	85,259,635	174,665,640	164,386,181	145,776,345	134,033,176	125,133,136	107,369,191	97,791,393
Unknown	5,416,767	7,145,210	7,275,699	6,609,808	6,440,360	6,536,058	8,280,881	9,611,211	11,497,917
†Hispanic	.	1,404,113,641	2,530,357,889	2,854,587,145	3,053,076,954	3,463,731,397	3,826,561,679	4,027,767,239	4,213,116,097
†Non-Hispanic	.	10,072,348,007	16,579,540,082	18,224,672,130	19,029,880,063	21,032,509,659	22,571,994,354	24,176,886,057	24,876,012,222
Unknown	.	735,152,551	317,591,151	298,055,814	275,534,752	306,198,736	307,653,200	349,388,805	400,302,461
Diabetes	3,342,974,345	5,232,610,935	8,833,104,670	9,750,106,086	10,221,207,403	11,347,929,757	12,247,775,440	13,181,287,949	13,536,429,773
Hypertension	2,623,649,219	3,319,076,794	5,211,089,780	5,671,927,448	5,936,197,248	6,571,425,242	7,053,023,994	7,576,430,176	7,850,747,068
Glomerulonephritis	1,265,348,839	1,520,929,530	2,063,950,988	2,243,872,320	2,277,297,767	2,455,436,105	2,620,308,893	2,675,838,396	2,715,053,920
Other cause	1,323,301,999	1,731,969,061	2,648,238,746	2,955,909,704	3,126,247,226	3,526,100,905	3,831,979,541	4,103,715,968	4,296,518,104
Unknown	296,420,898	407,027,879	671,104,937	755,499,532	797,542,124	901,547,783	953,121,365	1,016,769,612	1,090,681,916
All	8,851,695,301	12,211,614,199	19,427,489,121	21,377,315,089	22,358,491,769	24,802,439,792	26,706,209,233	28,554,042,102	29,489,430,780

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Table K.6

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	61,176	54,715	55,287	59,311	65,670	78,695	88,495	81,782	82,108	126,285	102,303	104,007	104,629
5-9	38,677	49,116	50,456	47,542	48,585	52,424	56,169	77,993	76,150	81,187	79,344	76,754	93,647
10-14	43,678	40,604	43,103	45,463	49,022	48,205	54,965	67,313	68,218	68,717	81,866	76,494	72,243
15-19	42,116	43,721	46,512	50,184	49,175	50,444	57,768	63,007	61,431	71,540	74,079	77,221	78,292
20-29	41,329	44,514	46,525	48,778	51,039	53,798	55,896	63,601	66,309	71,646	76,359	78,334	77,938
30-39	44,193	48,057	50,682	52,728	54,099	56,507	59,525	66,655	68,792	73,408	78,659	78,856	79,601
40-49	44,764	49,867	52,810	55,532	57,363	60,756	63,023	69,156	70,966	76,069	80,748	81,645	81,454
50-59	46,930	52,951	56,203	58,600	60,506	63,710	65,428	70,995	72,572	78,031	82,699	84,066	83,777
60-64	48,861	54,831	58,674	61,820	63,529	67,154	68,429	72,984	74,602	79,677	83,955	85,725	85,442
65-69	53,502	58,766	62,064	65,373	67,748	70,817	72,592	76,609	78,147	84,628	88,014	90,397	90,862
70-74	54,433	60,379	63,868	66,186	68,171	71,222	73,531	77,647	80,258	86,831	90,640	93,823	93,319
75-79	55,374	60,455	64,024	66,635	68,333	72,120	74,142	78,403	79,822	86,652	90,361	92,605	93,330
80-84	56,384	60,463	64,255	66,801	68,411	71,103	74,359	78,345	80,492	87,196	90,831	92,548	93,195
85+	57,301	61,676	64,843	66,912	69,368	71,422	74,813	78,528	80,280	86,592	90,180	91,838	91,954
0-19	43,928	44,297	46,798	49,606	50,384	52,462	59,469	66,719	65,741	76,877	79,101	80,349	82,047
20-44	43,844	47,710	50,462	52,916	54,519	57,295	60,270	67,354	69,266	74,205	79,100	79,714	79,808
45-64	47,053	53,016	56,324	58,965	60,849	64,245	65,805	71,115	72,832	78,128	82,704	84,170	83,957
65-74	53,956	59,580	62,975	65,779	67,958	71,016	73,050	77,111	79,161	85,677	89,258	92,004	92,016
75+	55,917	60,634	64,218	66,731	68,523	71,662	74,332	78,406	80,137	86,825	90,482	92,416	92,976
Male	47,733	53,174	56,337	59,017	61,040	64,134	66,690	71,321	72,997	78,578	82,775	84,272	84,364
Female	52,125	57,889	61,532	64,288	66,133	69,383	71,111	76,491	78,435	84,630	88,724	90,834	90,812
White	50,634	56,095	59,355	61,918	64,002	66,873	69,135	73,733	75,491	81,524	85,581	87,408	88,005
Black/Af Am	49,367	55,049	58,811	61,675	63,695	67,348	69,508	75,126	76,895	82,668	86,879	88,554	87,555
Native American	45,741	49,941	52,155	56,203	56,547	59,115	59,265	62,691	64,409	68,097	73,063	75,556	75,225
Asian	43,336	50,927	52,829	55,782	55,984	58,419	60,031	64,847	66,761	72,197	76,462	78,626	80,868
Other	53,420	56,411	58,259	59,915	59,051	62,343	64,651	68,273	72,478	76,603	82,282	80,097	80,588
Unknown	65,730	81,296	84,362	79,764	82,638	88,187	80,164	77,542	79,546	77,967	102,155	95,311	86,552
†Hispanic	.	54,317	57,314	60,521	62,418	65,094	67,124	72,425	74,799	80,724	84,964	84,995	84,990
†Non-Hispanic	.	55,276	58,874	61,581	63,624	66,786	68,982	73,905	75,586	81,381	85,497	87,569	87,598
Diabetes	55,368	60,517	64,229	66,651	68,489	72,179	74,482	79,677	81,335	87,653	92,048	94,411	93,807
Hypertension	48,420	53,173	56,465	59,133	61,076	63,655	65,629	70,250	72,015	77,538	81,147	82,748	82,827
Glomerulonephritis	43,433	47,358	49,792	52,424	53,987	56,414	58,002	62,663	64,135	68,825	72,998	73,304	73,864
Other cause	46,968	53,641	56,820	59,720	61,977	64,555	66,600	71,381	73,477	79,008	83,515	84,794	85,859
Unknown cause	49,710	53,778	55,786	59,097	59,697	64,424	66,878	71,789	73,605	80,000	82,620	83,252	84,714
All	49,873	55,428	58,808	61,505	63,434	66,585	68,740	73,706	75,487	81,332	85,474	87,239	87,272

Table K.7

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	81,983	87,752	96,260	80,083	65,607	89,134	131,536	107,555	105,377	192,680	119,734	116,244	130,248
5-9	46,092	50,196	62,103	59,505	64,605	66,255	70,079	98,734	76,642	106,768	96,042	88,792	95,935
10-14	45,763	45,015	51,911	54,565	55,223	51,763	58,380	67,251	75,841	75,031	88,650	82,817	79,778
15-19	44,775	45,738	48,908	52,824	51,667	54,029	60,615	66,165	64,839	73,589	77,675	79,882	78,796
20-29	42,511	45,710	48,172	50,498	52,836	55,765	57,536	65,206	68,034	73,192	77,952	80,002	79,397
30-39	45,703	49,151	52,146	54,309	55,798	58,325	61,192	68,437	70,582	75,075	80,516	80,461	80,751
40-49	45,872	50,896	53,921	56,560	58,562	62,214	64,594	70,614	72,379	77,420	82,067	82,992	82,461
50-59	47,757	53,633	57,019	59,482	61,545	64,791	66,546	72,109	73,717	79,153	83,863	85,093	84,547
60-64	49,647	55,265	59,278	62,496	64,415	68,191	69,390	73,977	75,653	80,702	84,816	86,738	86,047
65-69	54,081	59,252	62,352	65,880	68,381	71,518	73,361	77,280	78,911	85,428	88,793	91,246	91,487
70-74	54,948	60,499	64,029	66,579	68,613	71,901	74,115	78,250	80,881	87,499	91,272	94,451	93,855
75-79	55,562	60,230	63,788	66,581	68,384	72,294	74,330	78,722	80,108	86,910	90,591	93,199	93,607
80-84	56,323	60,022	63,803	66,322	67,976	70,777	74,033	78,061	80,247	87,108	90,722	92,563	92,886
85+	56,965	60,837	64,029	66,024	68,513	70,686	74,251	78,038	79,622	86,068	89,598	91,337	91,354
0-19	46,819	46,888	51,275	54,287	53,226	55,098	62,496	68,999	68,321	80,320	82,282	82,370	83,202
20-44	45,179	48,845	51,847	54,410	56,137	59,082	61,968	69,002	70,945	75,752	80,756	81,280	81,056
45-64	47,951	53,701	57,165	59,821	61,875	65,387	66,970	72,277	74,002	79,275	83,804	85,248	84,698
65-74	54,508	59,885	63,203	66,231	68,496	71,707	73,730	77,750	79,861	86,417	89,970	92,756	92,604
75+	55,973	60,256	63,829	66,410	68,269	71,511	74,215	78,369	80,060	86,804	90,421	92,567	92,852
Male	48,495	53,596	56,801	59,542	61,708	64,878	67,401	72,055	73,632	79,240	83,452	84,969	84,791
Female	53,275	58,687	62,427	65,283	67,184	70,624	72,353	77,638	79,753	85,938	89,945	92,128	91,816
White	51,934	56,809	60,138	62,786	65,014	67,947	70,217	74,736	76,571	82,661	86,669	88,553	88,799
Black/Af Am	49,934	55,461	59,267	62,180	64,264	68,111	70,191	75,818	77,561	83,300	87,478	89,179	88,033
Native American	46,063	50,380	52,650	56,875	56,977	59,750	59,785	63,168	64,774	68,216	73,272	75,545	75,344
Asian	44,601	51,981	53,872	56,924	57,189	59,760	61,633	66,372	68,037	73,357	77,794	80,191	82,011
Other	55,514	57,807	59,759	61,363	60,185	63,557	66,023	69,640	73,999	77,861	83,435	80,538	81,691
Unknown	64,645	80,305	86,084	79,636	79,847	87,829	79,650	76,555	78,012	78,250	101,077	92,236	89,530
†Hispanic	.	55,269	58,201	61,477	63,463	66,124	68,269	73,411	75,802	81,768	85,867	85,795	85,541
†Non-Hispanic	.	55,820	59,491	62,285	64,435	67,758	69,909	74,815	76,515	82,323	86,419	88,566	88,306
Diabetes	56,062	60,834	64,585	67,083	69,053	72,803	75,096	80,233	81,930	88,202	92,607	94,926	94,110
Hypertension	49,073	53,539	56,816	59,631	61,608	64,381	66,351	70,988	72,777	78,313	81,845	83,602	83,407
Glomerulonephritis	44,968	48,544	51,112	53,859	55,460	58,164	59,719	64,171	65,870	70,612	74,709	74,987	75,051
Other cause	48,073	54,424	57,859	60,766	63,183	65,911	67,874	72,630	74,617	80,188	84,693	86,007	86,784
Unknown cause	50,798	54,264	56,214	59,480	60,451	64,839	67,334	72,598	74,192	80,612	83,149	83,789	85,088
All	50,829	56,020	59,468	62,242	64,271	67,551	69,688	74,621	76,423	82,274	86,385	88,191	87,945

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Table K.8

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	53,567	41,035	46,512	53,595	65,528	70,426	78,660	75,078	74,677	101,794	96,092	97,088	92,393
5-9	37,264	46,244	41,920	40,377	39,934	45,012	48,771	65,164	76,451	62,908	71,048	69,811	93,815
10-14	41,338	34,472	32,876	36,028	43,045	44,785	51,823	66,947	60,771	63,392	75,745	68,162	61,218
15-19	37,476	38,239	40,506	42,527	42,113	39,094	48,512	52,902	51,754	64,563	64,244	68,981	77,423
20-29	37,513	38,160	38,479	39,813	41,272	43,404	45,856	52,891	55,212	61,215	65,588	67,199	68,908
30-39	38,518	41,257	41,439	42,470	42,537	43,463	46,939	53,431	55,124	59,646	63,076	65,097	69,496
40-49	39,829	41,807	43,478	45,847	46,083	46,887	47,033	54,450	55,575	61,432	65,787	66,490	70,063
50-59	42,101	45,341	46,504	48,130	48,028	50,171	50,777	56,110	56,999	61,959	65,132	68,291	71,255
60-64	42,627	47,661	48,631	49,631	49,001	50,678	51,958	55,256	56,296	61,544	67,434	66,756	72,822
65-69	45,600	47,479	51,569	52,081	52,680	53,809	53,842	58,777	58,323	63,571	65,382	67,781	72,375
70-74	44,613	49,809	51,254	49,523	51,609	51,231	53,920	57,612	58,632	63,255	66,567	69,249	72,682
75-79	43,903	49,813	51,691	51,154	50,351	52,755	54,846	56,783	58,350	63,950	67,123	64,402	72,753
80-84	45,621	46,544	48,831	52,136	52,213	53,027	57,064	59,330	60,164	63,117	64,029	65,491	73,777
85+	42,933	49,055	47,631	48,010	51,599	49,024	52,040	56,135	57,636	57,706	62,584	64,981	70,398
0-19	40,687	38,633	39,558	42,040	46,073	46,798	54,482	62,546	61,684	71,023	74,655	76,082	79,996
20-44	38,703	40,429	41,439	42,722	42,988	44,622	47,028	54,395	55,650	61,011	64,497	66,171	69,093
45-64	41,684	45,273	46,282	48,061	48,034	49,510	50,061	55,116	56,323	61,505	65,889	67,416	71,686
65-74	45,152	48,567	51,423	50,898	52,181	52,584	53,878	58,233	58,463	63,426	65,916	68,421	72,509
75+	44,298	48,874	50,506	51,148	51,029	52,408	55,147	57,483	58,844	62,812	65,520	64,832	72,723
Male	41,003	43,904	45,522	46,935	47,128	48,855	50,979	55,521	57,546	61,961	65,123	66,531	71,120
Female	42,853	46,006	47,388	48,224	48,996	49,775	50,877	56,731	56,553	62,382	66,429	67,938	72,183
White	41,920	44,861	46,389	47,460	47,756	49,604	51,175	56,259	56,607	61,309	64,816	66,496	71,539
Black/Af Am	42,634	45,830	47,622	49,001	49,892	50,109	52,474	57,801	59,585	65,418	69,591	70,550	73,375
Native American	42,652	42,297	45,191	45,524	48,433	48,118	49,334	53,032	56,015	61,839	67,042	72,321	70,781
Asian	34,898	41,553	41,594	42,132	41,855	42,116	41,490	46,765	50,812	57,233	58,463	58,415	65,625
Other	35,327	41,824	40,568	44,322	43,935	43,428	42,541	51,842	52,305	57,583	63,048	66,359	55,864
Unknown	78,550	87,844	62,877	69,945	144,830	84,727	63,398	82,199	86,446	59,343	76,976	108,656	37,112
†Hispanic	.	41,553	44,025	45,538	45,666	48,559	47,515	53,734	55,242	61,010	65,989	67,732	71,611
†Non-Hispanic	.	44,937	46,695	47,775	48,392	49,444	51,429	56,480	57,299	62,302	65,738	67,131	71,714
Diabetes	48,313	51,771	53,438	54,461	54,369	56,920	58,162	63,962	64,598	71,143	74,467	78,070	81,971
Hypertension	40,357	42,752	44,905	45,007	45,986	46,269	48,211	52,604	53,472	58,365	61,928	61,888	67,168
Glomerulonephritis	36,349	38,823	39,912	41,304	42,739	42,949	44,764	50,324	49,777	54,357	58,708	59,585	64,033
Other cause	39,644	42,799	43,834	45,640	45,892	47,064	48,709	53,886	56,001	60,308	63,474	64,046	68,027
Unknown cause	39,400	41,841	41,936	44,140	41,968	44,417	46,528	49,802	54,986	56,448	61,845	61,481	64,992
All	41,897	44,952	46,447	47,570	48,050	49,306	50,929	56,107	57,063	62,166	65,754	67,209	71,630

Table K.9

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

	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
0-4	23,580	26,815	26,832	33,139	37,780	36,335	51,677	49,875	47,105	53,841	65,589	63,977	64,848
5-9	16,322	13,533	15,962	16,624	19,990	19,142	24,103	32,956	42,719	44,750	51,632	50,482	40,459
10-14	15,450	12,922	14,278	17,153	21,330	26,568	33,086	37,271	38,479	37,740	49,507	45,679	46,561
15-19	18,998	16,002	19,398	20,087	23,267	26,537	27,714	35,694	32,044	36,957	45,552	44,987	46,898
20-29	18,457	17,026	19,163	20,202	20,534	22,785	24,613	31,069	29,852	31,156	35,796	35,048	35,316
30-39	17,868	17,056	18,645	19,898	20,187	22,514	23,513	27,579	27,461	28,929	33,794	33,019	31,811
40-49	18,093	17,280	19,154	20,117	20,244	22,592	23,455	27,573	27,381	28,665	32,895	31,641	31,569
50-59	19,816	19,378	20,345	21,422	21,561	23,461	23,917	27,471	27,459	29,888	33,138	32,928	32,913
60-64	19,529	20,384	21,364	21,829	24,249	24,193	25,215	27,959	27,434	29,472	32,074	32,809	32,551
65-69	19,666	21,191	22,451	24,309	24,563	26,319	26,774	28,228	27,684	30,642	32,756	32,898	33,260
70-74	18,767	21,789	23,638	23,411	24,435	25,118	26,371	27,488	28,132	30,610	33,385	34,214	32,831
75-79	17,362	18,678	25,727	25,665	24,952	25,803	26,432	26,415	26,908	30,016	31,204	32,209	34,408
80-84	18,943	18,671	20,549	19,145	20,716	23,657	25,502	24,990	23,627	32,497	30,443	33,156	30,894
85+	10,425	17,673	18,129	17,780	16,028	32,040	21,514	27,677	24,927	29,535	25,728	29,900	33,328
0-19	18,020	15,334	17,796	19,627	23,417	26,414	30,857	37,181	36,545	39,950	49,379	48,018	47,986
20-44	17,989	16,914	18,759	20,006	20,266	22,411	23,853	28,105	27,695	29,135	33,665	32,711	31,962
45-64	19,320	19,204	20,369	21,188	21,841	23,534	24,018	27,677	27,537	29,570	32,879	32,697	32,689
65-74	19,418	21,393	22,866	23,990	24,517	25,870	26,621	27,945	27,856	30,630	33,002	33,424	33,087
75+	17,476	18,655	24,787	24,472	24,060	25,602	26,154	26,193	26,251	30,468	30,872	32,310	33,614
Male	18,508	18,174	20,075	20,805	21,733	23,544	24,444	27,633	27,236	29,398	32,463	32,296	32,141
Female	18,897	18,966	20,242	21,866	22,050	23,993	25,003	28,526	28,566	30,737	34,474	34,312	34,098
White	17,689	17,273	18,812	19,937	20,594	22,479	23,263	26,238	26,109	28,341	31,203	31,408	31,336
Black/Af Am	22,860	23,093	25,035	26,139	26,758	28,069	29,559	33,834	33,416	35,294	39,997	38,887	38,274
Native American	18,058	18,244	19,725	19,879	21,066	23,703	25,422	28,459	27,351	31,290	33,925	33,528	34,461
Asian	14,801	15,388	17,706	18,356	17,702	20,352	21,197	25,008	24,911	27,285	30,749	29,343	28,948
Other	16,626	29,575	14,445	19,955	37,527	47,383	35,384	38,231	31,141	29,913	34,606	33,493	32,019
Unknown	14,930	8,136	21,075	11,397	11,045	41,513	16,903	29,914	29,240	34,211	25,809	42,209	44,557
†Hispanic	.	18,614	20,227	21,065	21,678	23,728	24,780	29,496	28,676	31,420	35,370	34,155	34,394
†Non-Hispanic	.	19,321	20,948	22,058	22,596	24,214	25,084	28,261	28,144	30,049	33,390	33,190	32,899
Diabetes	25,486	25,040	26,986	28,889	29,403	31,320	32,186	35,600	35,272	37,997	41,716	41,819	42,122
Hypertension	19,434	18,840	21,468	22,131	22,637	24,105	24,982	27,878	27,947	30,148	33,744	32,945	31,709
Glomerulonephritis	15,476	15,294	16,331	17,186	17,730	19,524	20,021	23,389	22,939	24,556	27,263	27,201	26,748
Other cause	15,937	15,557	16,824	17,601	18,667	20,334	21,631	25,008	24,939	26,798	30,016	29,935	30,035
Unknown cause	13,993	15,524	16,591	17,240	16,059	19,145	20,838	24,351	23,220	25,196	27,892	27,601	28,380
All	18,661	18,494	20,142	21,236	21,862	23,725	24,670	27,993	27,772	29,934	33,266	33,103	32,922

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Table K.b

Medicare payments (\$) per person per year: 2011, by claim type & modality (model 1)*period prevalent patients, as-treated model; Medicare primary payer only*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	371,166	291,930	270,406	20,222	1,301	79,236
Total Medicare	75,670	87,272	87,945	71,630	190,546	32,922
Total inpatient	26,642	29,706	29,635	25,532	109,213	15,353
Medical DRG	13,725	15,738	15,755	12,580	61,322	6,310
Surgical DRG	10,452	12,103	12,025	11,303	40,549	4,372
Other DRG	150	164	171	72	227	98
Rehabilitation	819	936	922	922	4,075	384
Transplant DRG	701	0	0	0	0	3,282
Non-transplant pass-throughs	754	765	762	655	3,039	712
Transplant pass-throughs	42	0	0	0	0	195
Total outpatient	25,658	31,726	31,824	30,258	34,149	3,301
Outpatient hemodialysis	19,256	24,416	26,229	1,020	11,173	243
Outpatient peritoneal dialysis	1,589	2,010	130	26,199	16,685	38
Outpatient other dialysis	20	26	27	5	93	1
Outpatient ESA	201	241	251	101	180	54
Outpatient vitamin D hormones	29	36	39	1	5	0
Outpatient iron	28	34	36	9	33	4
Outpatient other injectables	154	114	112	123	277	302
Radiology	338	364	370	291	394	241
Pharmacy	138	158	159	127	434	61
Ambulance	65	75	77	49	239	26
Laboratory/pathology	416	290	292	249	517	880
Outpatient other	3,425	3,961	4,101	2,085	4,118	1,451
Skilled nursing facility	3,032	3,642	3,779	1,125	14,352	787
Home health agency	1,572	1,814	1,865	1,070	2,684	679
Hospice	259	311	314	187	1,727	68
Total physician/supplier	13,655	14,804	15,194	8,837	26,322	9,425
Transplant surgery	73	6	5	9	27	322
Inpatient surgery	459	492	488	473	1,600	337
Outpatient surgery	815	880	902	600	685	575
-E&M nephrology inpatient	463	514	514	411	2,113	274
-E&M nephrology outpatient	71	23	22	33	67	249
-E&M non-nephrology inpatient	1,793	2,075	2,091	1,431	8,708	755
-E&M non-nephrology outpatient	815	852	859	751	1,042	677
Dialysis capitation	1,800	2,282	2,316	1,887	1,467	23
Inpatient dialysis	221	277	270	323	1,121	16
Home dialysis	5	6	3	17	314	1
Vascular access	1,386	1,747	1,862	221	1,496	55
Peritoneal access	7	8	4	58	92	4
Physician/supplier ESA	21	8	7	17	44	72
Physician/supplier iron	1	0	0	1	2	3
Immunosuppressive drugs	781	16	16	14	177	3,599
Durable medical equipment	274	313	321	198	330	130
Physician/supplier radiology	381	408	413	330	690	281
Physician/supplier lab/pathology	354	305	302	325	632	535
Physician/supplier ambulance	2,485	3,107	3,299	474	4,036	196
Other physician/supplier	1,450	1,486	1,501	1,263	1,680	1,320
Part D	4,851	5,270	5,334	4,621	2,099	3,310

