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Reference Section E

Morbidity & hospitalization

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Table E.1

Total Admission Rates per 1,000 Patient Years: ESRD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	1,698	1,768	1,822	1,674	1,531	1,674	1,663	1,637	1,698
20-29	1,737	1,667	1,678	1,640	1,619	1,600	1,623	1,612	1,609
30-39	1,769	1,811	1,788	1,785	1,725	1,740	1,759	1,750	1,744
40-49	1,753	1,748	1,751	1,781	1,719	1,714	1,772	1,797	1,820
50-59	1,908	1,943	1,902	1,930	1,879	1,860	1,905	1,879	1,889
60-64	1,993	2,009	2,029	2,047	1,982	2,014	2,032	2,006	1,977
65-69	2,112	2,103	2,084	2,092	2,066	2,083	2,099	2,057	2,039
70-79	2,151	2,147	2,145	2,174	2,141	2,132	2,165	2,152	2,119
80+	2,272	2,261	2,232	2,261	2,272	2,212	2,297	2,242	2,225
0-19	1,698	1,768	1,822	1,674	1,531	1,674	1,663	1,637	1,698
20-44	1,754	1,762	1,760	1,763	1,705	1,706	1,733	1,728	1,739
45-64	1,908	1,925	1,905	1,928	1,874	1,871	1,914	1,903	1,902
65-74	2,116	2,113	2,102	2,122	2,098	2,099	2,132	2,096	2,068
75+	2,225	2,214	2,199	2,224	2,202	2,176	2,221	2,203	2,180
Male	1,890	1,902	1,866	1,876	1,839	1,839	1,870	1,843	1,835
Female	2,124	2,123	2,138	2,167	2,123	2,112	2,159	2,148	2,135
White	2,066	2,049	2,049	2,053	2,015	2,017	2,043	2,020	1,991
Black	1,974	2,009	1,974	2,014	1,964	1,950	2,006	1,994	2,017
Native American	1,906	1,969	2,039	2,037	1,943	1,987	2,006	1,964	1,944
Asian	1,309	1,330	1,337	1,387	1,435	1,383	1,449	1,428	1,380
†Hispanic						1,944	1,971	1,912	1,908
†Non-Hispanic						1,970	2,011	1,996	1,986
All	2,002	2,007	1,995	2,014	1,974	1,969	2,007	1,988	1,978
DIABETES									
0-19	2,703	2,701	2,742	2,939	1,662	*	*	*	2,258
20-29	3,105	2,759	2,813	2,972	2,997	2,811	2,944	2,972	3,162
30-39	2,594	2,648	2,633	2,573	2,472	2,497	2,532	2,550	2,486
40-49	2,350	2,327	2,304	2,351	2,272	2,257	2,347	2,351	2,352
50-59	2,280	2,318	2,258	2,306	2,227	2,234	2,286	2,248	2,219
60-64	2,245	2,254	2,256	2,270	2,202	2,269	2,283	2,246	2,179
65-69	2,316	2,293	2,258	2,291	2,257	2,270	2,305	2,279	2,246
70-79	2,367	2,358	2,330	2,386	2,335	2,333	2,372	2,352	2,307
80+	2,538	2,439	2,450	2,504	2,558	2,479	2,575	2,489	2,479
0-19	2,705	2,707	2,744	2,940	1,661	*	*	*	2,257
20-44	2,568	2,556	2,556	2,570	2,465	2,448	2,510	2,494	2,496
45-64	2,281	2,294	2,256	2,288	2,221	2,245	2,291	2,267	2,225
65-74	2,329	2,312	2,286	2,333	2,285	2,292	2,338	2,305	2,258
75+	2,448	2,415	2,378	2,428	2,428	2,398	2,439	2,414	2,400
Male	2,276	2,280	2,207	2,246	2,182	2,196	2,238	2,212	2,169
Female	2,420	2,403	2,416	2,456	2,412	2,408	2,461	2,433	2,406
White	2,448	2,412	2,393	2,419	2,361	2,379	2,409	2,378	2,327
Black	2,297	2,324	2,270	2,334	2,280	2,271	2,345	2,322	2,320
Native American	2,132	2,158	2,201	2,199	2,085	2,113	2,156	2,132	2,076
Asian	1,506	1,599	1,650	1,705	1,778	1,686	1,759	1,768	1,686
†Hispanic						2,259	2,286	2,209	2,186
†Non-Hispanic						2,315	2,367	2,349	2,315
All	2,352	2,345	2,318	2,357	2,304	2,308	2,356	2,329	2,294

Overall rates are adjusted for age, gender, race, & primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1998 have therefore been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.1.1 & E.1.2).

Table E.1 (continued)

Total Admission Rates per 1,000 Patient Years: ESRD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	1,804	1,735	1,785	1,279	1,379	1,456	1,274	1,452	1,927
20-29	1,676	1,607	1,502	1,422	1,349	1,352	1,350	1,288	1,319
30-39	1,636	1,694	1,608	1,621	1,544	1,571	1,590	1,572	1,589
40-49	1,590	1,572	1,527	1,564	1,517	1,513	1,553	1,598	1,631
50-59	1,669	1,707	1,647	1,656	1,608	1,578	1,658	1,648	1,712
60-64	1,797	1,816	1,859	1,843	1,793	1,784	1,773	1,795	1,818
65-69	1,974	1,985	1,977	1,944	1,922	1,959	1,927	1,874	1,893
70-79	2,062	2,061	2,079	2,082	2,074	2,051	2,106	2,089	2,052
80+	2,246	2,285	2,213	2,227	2,220	2,156	2,253	2,200	2,207
0-19	1,802	1,736	1,785	1,279	1,379	1,455	1,274	1,452	1,928
20-44	1,613	1,627	1,548	1,566	1,511	1,526	1,543	1,535	1,570
45-64	1,693	1,711	1,683	1,685	1,633	1,610	1,660	1,675	1,718
65-74	1,981	2,006	2,008	1,985	1,989	1,989	2,021	1,973	1,972
75+	2,198	2,191	2,171	2,188	2,160	2,122	2,183	2,163	2,140
Male	1,812	1,834	1,788	1,781	1,755	1,749	1,774	1,744	1,764
Female	2,046	2,051	2,050	2,066	2,034	2,002	2,076	2,077	2,075
White	2,074	2,064	2,053	2,023	2,013	1,998	2,030	2,006	1,971
Black	1,800	1,842	1,799	1,827	1,773	1,757	1,818	1,811	1,866
Native American	1,564	1,712	1,717	2,007	1,892	1,946	1,931	1,754	1,923
Asian	1,302	1,248	1,220	1,279	1,356	1,261	1,318	1,299	1,273
†Hispanic						1,669	1,729	1,670	1,677
†Non-Hispanic						1,868	1,914	1,900	1,913
All	1,913	1,928	1,901	1,904	1,875	1,858	1,904	1,887	1,898
GLOMERULONEPHRITIS									
0-19	1,635	1,723	1,830	1,730	1,453	1,544	1,581	1,579	1,581
20-29	1,483	1,404	1,429	1,348	1,358	1,316	1,316	1,301	1,297
30-39	1,385	1,391	1,382	1,376	1,320	1,309	1,312	1,278	1,254
40-49	1,346	1,406	1,428	1,408	1,359	1,373	1,385	1,447	1,439
50-59	1,497	1,481	1,535	1,525	1,490	1,450	1,437	1,436	1,470
60-64	1,531	1,592	1,647	1,673	1,634	1,608	1,602	1,597	1,588
65-69	1,746	1,714	1,733	1,695	1,696	1,699	1,724	1,617	1,628
70-79	1,848	1,790	1,839	1,821	1,803	1,784	1,786	1,833	1,777
80+	1,999	1,983	1,993	1,960	2,012	1,995	2,032	2,038	1,970
0-19	1,635	1,723	1,830	1,730	1,453	1,544	1,581	1,579	1,581
20-44	1,403	1,403	1,416	1,387	1,344	1,328	1,331	1,333	1,313
45-64	1,459	1,476	1,513	1,505	1,472	1,457	1,457	1,468	1,488
65-74	1,797	1,733	1,744	1,738	1,748	1,716	1,744	1,731	1,681
75+	1,906	1,897	1,971	1,910	1,895	1,910	1,909	1,920	1,896
Male	1,488	1,495	1,520	1,474	1,465	1,445	1,463	1,439	1,429
Female	1,664	1,645	1,681	1,694	1,631	1,629	1,616	1,663	1,645
White	1,554	1,552	1,582	1,566	1,536	1,531	1,537	1,536	1,515
Black	1,678	1,658	1,677	1,651	1,617	1,587	1,595	1,607	1,606
Native American	1,302	1,477	1,714	1,469	1,421	1,447	1,401	1,474	1,435
Asian	1,005	1,024	1,048	1,052	1,042	1,030	1,036	1,033	1,051
†Hispanic						1,306	1,333	1,331	1,341
†Non-Hispanic						1,541	1,548	1,554	1,538
All	1,560	1,556	1,585	1,564	1,533	1,520	1,526	1,530	1,517

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

Includes all hospitalizations from Part A institutional inpatient claims.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.1.1 & E.1.2).

Table E.1 (continued)

Total Admission Rates per 1,000 Patient Years: ESRD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	1,711	1,780	1,811	1,656	1,568	1,730	1,695	1,633	1,733
20-29	1,598	1,614	1,651	1,612	1,571	1,611	1,632	1,636	1,564
30-39	1,517	1,569	1,574	1,613	1,596	1,615	1,637	1,634	1,677
40-49	1,510	1,490	1,562	1,602	1,536	1,529	1,600	1,603	1,668
50-59	1,568	1,626	1,594	1,623	1,625	1,571	1,593	1,560	1,579
60-64	1,657	1,674	1,704	1,777	1,684	1,691	1,770	1,707	1,726
65-69	1,810	1,833	1,828	1,835	1,818	1,824	1,850	1,804	1,764
70-79	1,898	1,925	1,933	1,963	1,922	1,928	1,913	1,903	1,916
80+	2,071	2,067	2,068	2,124	2,105	2,061	2,124	2,079	2,019
0-19	1,711	1,780	1,811	1,656	1,568	1,730	1,695	1,632	1,733
20-44	1,539	1,566	1,607	1,619	1,583	1,600	1,628	1,628	1,654
45-64	1,579	1,604	1,602	1,649	1,608	1,578	1,632	1,602	1,629
65-74	1,828	1,849	1,855	1,879	1,863	1,867	1,862	1,822	1,824
75+	2,010	2,031	2,029	2,062	2,012	2,000	2,034	2,025	1,985
Male	1,609	1,621	1,621	1,648	1,622	1,622	1,650	1,623	1,636
Female	1,815	1,851	1,880	1,906	1,859	1,853	1,884	1,867	1,875
White	1,686	1,688	1,713	1,726	1,689	1,685	1,707	1,687	1,696
Black	1,813	1,892	1,882	1,939	1,897	1,887	1,923	1,909	1,932
Native American	1,526	1,609	1,745	1,663	1,674	1,817	1,803	1,675	1,686
Asian	1,211	1,184	1,120	1,198	1,210	1,263	1,397	1,284	1,210
†Hispanic						1,595	1,590	1,551	1,592
†Non-Hispanic						1,746	1,780	1,759	1,765
All	1,706	1,730	1,743	1,770	1,734	1,731	1,760	1,738	1,748

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

Includes all hospitalizations from Part A institutional inpatient claims.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.1.1 & E.1.2).

Table E.2

Total Admission Rates per 1,000 Patient Years: Dialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,000	2,105	2,274	2,033	1,798	1,920	1,907	1,919	2,069
20-29	1,904	1,786	1,779	1,787	1,733	1,699	1,721	1,686	1,708
30-39	1,941	1,945	1,941	1,951	1,888	1,890	1,905	1,894	1,893
40-49	1,846	1,839	1,864	1,896	1,809	1,804	1,878	1,907	1,929
50-59	1,973	2,016	1,966	2,005	1,942	1,928	1,982	1,953	1,964
60-64	2,033	2,053	2,071	2,090	2,026	2,067	2,088	2,053	2,032
65-69	2,128	2,121	2,100	2,112	2,085	2,107	2,128	2,089	2,069
70-79	2,153	2,150	2,150	2,181	2,147	2,138	2,171	2,159	2,126
80+	2,271	2,261	2,232	2,261	2,273	2,212	2,298	2,242	2,226
0-19	2,000	2,105	2,274	2,033	1,798	1,920	1,907	1,919	2,069
20-44	1,904	1,887	1,894	1,916	1,832	1,827	1,858	1,850	1,874
45-64	1,968	1,989	1,974	2,001	1,940	1,940	1,991	1,975	1,973
65-74	2,127	2,124	2,114	2,138	2,113	2,117	2,153	2,117	2,090
75+	2,224	2,216	2,200	2,226	2,203	2,177	2,222	2,205	2,181
Male	1,945	1,952	1,919	1,939	1,890	1,893	1,927	1,897	1,889
Female	2,172	2,171	2,189	2,218	2,171	2,158	2,210	2,201	2,193
White	2,141	2,124	2,126	2,135	2,089	2,091	2,120	2,095	2,069
Black	1,990	2,023	1,991	2,036	1,979	1,967	2,030	2,017	2,042
Native American	1,946	1,984	2,074	2,075	1,988	2,021	2,028	1,992	1,974
Asian	1,346	1,348	1,363	1,426	1,457	1,400	1,475	1,455	1,402
†Hispanic						1,983	2,012	1,945	1,955
†Non-Hispanic						2,022	2,068	2,053	2,046
All	2,053	2,056	2,047	2,072	2,024	2,019	2,062	2,041	2,034
DIABETES									
0-19	3,768	*	*	*	*	*	*	*	2,329
20-29	3,572	3,140	3,164	3,357	3,330	3,037	3,307	3,283	3,541
30-39	2,951	2,950	2,979	2,935	2,844	2,836	2,859	2,872	2,781
40-49	2,498	2,468	2,490	2,530	2,424	2,403	2,519	2,524	2,502
50-59	2,340	2,382	2,306	2,362	2,277	2,289	2,353	2,316	2,289
60-64	2,268	2,287	2,282	2,298	2,228	2,301	2,328	2,277	2,215
65-69	2,319	2,299	2,264	2,301	2,269	2,287	2,326	2,300	2,265
70-79	2,365	2,357	2,331	2,388	2,341	2,337	2,377	2,353	2,310
80+	2,535	2,437	2,450	2,503	2,559	2,477	2,576	2,487	2,478
0-19	3,780	*	*	*	*	*	*	*	2,330
20-44	2,875	2,829	2,857	2,886	2,744	2,701	2,792	2,760	2,754
45-64	2,332	2,348	2,314	2,347	2,277	2,304	2,361	2,333	2,288
65-74	2,331	2,316	2,291	2,340	2,296	2,304	2,353	2,317	2,271
75+	2,445	2,414	2,378	2,428	2,428	2,398	2,441	2,414	2,400
Male	2,341	2,341	2,269	2,315	2,243	2,260	2,314	2,285	2,236
Female	2,458	2,442	2,461	2,500	2,457	2,449	2,507	2,476	2,450
White	2,528	2,489	2,473	2,502	2,439	2,455	2,496	2,459	2,404
Black	2,304	2,337	2,281	2,350	2,297	2,288	2,368	2,344	2,345
Native American	2,155	2,155	2,221	2,217	2,113	2,132	2,173	2,153	2,096
Asian	1,527	1,607	1,684	1,723	1,787	1,705	1,785	1,786	1,701
†Hispanic						2,285	2,316	2,234	2,220
†Non-Hispanic						2,370	2,431	2,410	2,374
All	2,403	2,395	2,370	2,413	2,357	2,360	2,417	2,386	2,349

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.2.1 & E.2.2).

Table E.2 (continued)

Total Admission Rates per 1,000 Patient Years: Dialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,155	1,833	1,787	1,362	1,530	1,640	1,293	1,819	2,409
20-29	1,697	1,582	1,488	1,462	1,344	1,352	1,341	1,246	1,324
30-39	1,704	1,736	1,680	1,692	1,599	1,622	1,651	1,626	1,668
40-49	1,611	1,602	1,579	1,613	1,540	1,543	1,592	1,633	1,658
50-59	1,702	1,753	1,690	1,719	1,648	1,625	1,710	1,701	1,762
60-64	1,835	1,860	1,902	1,880	1,834	1,836	1,812	1,831	1,863
65-69	1,995	2,003	1,994	1,970	1,939	1,975	1,947	1,897	1,916
70-79	2,064	2,066	2,086	2,089	2,077	2,056	2,112	2,097	2,057
80+	2,246	2,285	2,214	2,228	2,219	2,157	2,254	2,201	2,206
0-19	2,154	1,834	1,788	1,362	1,530	1,640	1,294	1,820	2,410
20-44	1,663	1,660	1,598	1,627	1,541	1,568	1,585	1,570	1,627
45-64	1,723	1,752	1,733	1,741	1,676	1,655	1,708	1,721	1,759
65-74	1,994	2,018	2,021	2,003	2,001	2,001	2,037	1,992	1,989
75+	2,198	2,193	2,173	2,190	2,160	2,123	2,184	2,166	2,141
Male	1,828	1,851	1,814	1,814	1,774	1,771	1,797	1,766	1,783
Female	2,066	2,075	2,072	2,089	2,051	2,023	2,099	2,102	2,104
White	2,106	2,097	2,092	2,064	2,046	2,034	2,062	2,038	2,003
Black	1,805	1,849	1,810	1,841	1,776	1,766	1,834	1,826	1,880
Native American	1,577	1,704	1,752	2,053	1,912	1,969	1,929	1,784	1,973
Asian	1,323	1,266	1,224	1,327	1,389	1,256	1,328	1,329	1,305
†Hispanic						1,723	1,770	1,707	1,715
†Non-Hispanic						1,886	1,936	1,922	1,935
All	1,931	1,947	1,925	1,933	1,893	1,879	1,927	1,911	1,921
GLOMERULONEPHRITIS									
0-19	1,726	1,868	2,093	1,861	1,638	1,652	1,673	1,644	1,601
20-29	1,628	1,475	1,483	1,447	1,414	1,369	1,356	1,301	1,336
30-39	1,533	1,486	1,482	1,494	1,424	1,406	1,401	1,347	1,326
40-49	1,442	1,473	1,520	1,503	1,423	1,445	1,472	1,549	1,543
50-59	1,596	1,559	1,626	1,629	1,581	1,553	1,536	1,529	1,556
60-64	1,620	1,658	1,721	1,768	1,720	1,729	1,708	1,698	1,683
65-69	1,790	1,744	1,781	1,736	1,741	1,759	1,800	1,685	1,702
70-79	1,867	1,792	1,850	1,835	1,805	1,794	1,796	1,844	1,801
80+	2,004	1,979	1,995	1,963	2,012	1,998	2,031	2,037	1,972
0-19	1,725	1,867	2,093	1,861	1,638	1,652	1,673	1,645	1,601
20-44	1,535	1,490	1,505	1,494	1,425	1,409	1,410	1,401	1,394
45-64	1,556	1,545	1,602	1,610	1,557	1,555	1,552	1,562	1,578
65-74	1,833	1,751	1,775	1,770	1,775	1,753	1,790	1,781	1,738
75+	1,913	1,893	1,974	1,916	1,894	1,912	1,908	1,918	1,900
Male	1,575	1,555	1,590	1,554	1,527	1,517	1,528	1,494	1,491
Female	1,748	1,697	1,750	1,769	1,695	1,691	1,688	1,734	1,718
White	1,657	1,635	1,675	1,668	1,625	1,626	1,630	1,622	1,610
Black	1,737	1,675	1,710	1,689	1,637	1,609	1,622	1,630	1,626
Native American	1,405	1,554	1,781	1,558	1,514	1,535	1,434	1,524	1,449
Asian	1,065	1,031	1,079	1,104	1,053	1,059	1,068	1,056	1,085
†Hispanic						1,356	1,389	1,373	1,393
†Non-Hispanic						1,615	1,621	1,622	1,610
All	1,646	1,613	1,655	1,642	1,596	1,588	1,593	1,592	1,584

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.2.1 & E.2.2).

Table E.2 (continued)

Total Admission Rates per 1,000 Patient Years: Dialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,092	2,200	2,359	2,120	1,874	2,032	2,005	1,995	2,248
20-29	1,761	1,763	1,768	1,777	1,724	1,756	1,753	1,757	1,677
30-39	1,634	1,665	1,674	1,728	1,715	1,727	1,745	1,764	1,824
40-49	1,610	1,606	1,669	1,727	1,640	1,629	1,713	1,722	1,816
50-59	1,666	1,754	1,706	1,742	1,733	1,675	1,711	1,663	1,691
60-64	1,733	1,743	1,782	1,853	1,772	1,777	1,863	1,797	1,838
65-69	1,850	1,879	1,861	1,875	1,855	1,865	1,898	1,864	1,821
70-79	1,906	1,939	1,943	1,981	1,937	1,941	1,921	1,917	1,929
80+	2,071	2,071	2,066	2,126	2,108	2,063	2,125	2,081	2,022
0-19	2,092	2,200	2,359	2,120	1,874	2,032	2,005	1,994	2,247
20-44	1,659	1,678	1,716	1,756	1,704	1,715	1,736	1,753	1,801
45-64	1,676	1,717	1,705	1,756	1,714	1,681	1,749	1,708	1,747
65-74	1,856	1,881	1,880	1,913	1,894	1,898	1,892	1,860	1,864
75+	2,010	2,038	2,029	2,067	2,018	2,003	2,037	2,029	1,988
Male	1,678	1,696	1,690	1,733	1,696	1,691	1,719	1,690	1,714
Female	1,901	1,945	1,971	1,999	1,944	1,936	1,974	1,968	1,991
White	1,781	1,795	1,815	1,835	1,787	1,781	1,805	1,790	1,815
Black	1,847	1,924	1,913	1,982	1,934	1,918	1,963	1,951	1,987
Native American	1,642	1,702	1,835	1,772	1,799	1,903	1,861	1,725	1,772
Asian	1,283	1,236	1,155	1,258	1,260	1,299	1,437	1,336	1,220
†Hispanic						1,655	1,654	1,601	1,687
†Non-Hispanic						1,830	1,867	1,852	1,869
All	1,783	1,814	1,823	1,858	1,813	1,807	1,839	1,821	1,845

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.2.1 & E.2.2).

Table E.3

Total Admission Rates per 1,000 Patient Years: Hemodialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,069	1,978	2,374	2,209	1,910	1,860	1,739	2,054	2,261
20-29	1,913	1,775	1,755	1,784	1,749	1,684	1,695	1,663	1,716
30-39	1,941	1,960	1,927	1,932	1,877	1,869	1,921	1,885	1,908
40-49	1,815	1,815	1,843	1,880	1,805	1,812	1,880	1,913	1,928
50-59	1,941	1,992	1,916	1,964	1,921	1,899	1,971	1,945	1,958
60-64	2,017	2,042	2,044	2,060	1,996	2,038	2,072	2,035	2,033
65-69	2,120	2,112	2,075	2,096	2,059	2,095	2,120	2,093	2,063
70-79	2,154	2,147	2,142	2,165	2,132	2,123	2,165	2,152	2,122
80+	2,258	2,261	2,223	2,259	2,274	2,213	2,298	2,235	2,225
0-19	2,070	1,978	2,374	2,209	1,910	1,860	1,739	2,054	2,261
20-44	1,897	1,888	1,881	1,906	1,824	1,814	1,858	1,848	1,883
45-64	1,941	1,967	1,934	1,966	1,921	1,920	1,982	1,965	1,970
65-74	2,123	2,116	2,097	2,124	2,091	2,103	2,145	2,116	2,085
75+	2,218	2,217	2,191	2,214	2,199	2,169	2,221	2,197	2,179
Male	1,932	1,941	1,891	1,916	1,874	1,875	1,915	1,890	1,885
Female	2,159	2,161	2,175	2,204	2,160	2,147	2,209	2,199	2,198
White	2,137	2,119	2,108	2,123	2,079	2,081	2,115	2,095	2,075
Black	1,963	2,001	1,962	2,007	1,960	1,946	2,019	2,007	2,033
Native American	1,944	1,965	2,030	2,037	1,957	1,984	2,016	1,973	1,962
Asian	1,341	1,367	1,366	1,417	1,466	1,396	1,485	1,454	1,411
†Hispanic						1,961	1,999	1,947	1,950
†Non-Hispanic						2,008	2,062	2,047	2,047
All	2,040	2,046	2,026	2,053	2,010	2,004	2,055	2,037	2,034
DIABETES									
0-19	*	*	*	*	*	*	*	*	*
20-29	3,722	3,153	3,236	3,436	3,345	3,152	3,272	3,297	3,634
30-39	2,936	2,996	2,983	2,929	2,845	2,809	2,894	2,850	2,799
40-49	2,443	2,434	2,455	2,493	2,396	2,392	2,504	2,507	2,492
50-59	2,269	2,320	2,226	2,290	2,227	2,238	2,324	2,294	2,272
60-64	2,235	2,265	2,235	2,249	2,175	2,253	2,300	2,244	2,203
65-69	2,292	2,276	2,223	2,271	2,228	2,264	2,309	2,296	2,251
70-79	2,345	2,341	2,310	2,357	2,311	2,310	2,359	2,338	2,302
80+	2,485	2,428	2,448	2,501	2,561	2,472	2,565	2,480	2,474
0-19	*	*	*	*	*	*	*	*	*
20-44	2,855	2,837	2,857	2,887	2,727	2,689	2,793	2,745	2,769
45-64	2,277	2,303	2,249	2,285	2,228	2,260	2,334	2,306	2,272
65-74	2,307	2,293	2,259	2,312	2,258	2,279	2,334	2,307	2,258
75+	2,412	2,408	2,362	2,403	2,415	2,378	2,430	2,405	2,396
Male	2,300	2,316	2,231	2,279	2,208	2,230	2,296	2,272	2,228
Female	2,425	2,416	2,422	2,460	2,424	2,420	2,489	2,457	2,440
White	2,491	2,463	2,432	2,464	2,402	2,426	2,476	2,444	2,398
Black	2,263	2,308	2,250	2,314	2,267	2,259	2,352	2,328	2,332
Native American	2,138	2,128	2,139	2,164	2,062	2,086	2,151	2,127	2,074
Asian	1,511	1,617	1,668	1,694	1,773	1,669	1,772	1,777	1,698
†Hispanic						2,243	2,294	2,223	2,200
†Non-Hispanic						2,340	2,412	2,392	2,367
All	2,366	2,369	2,332	2,375	2,322	2,331	2,398	2,370	2,340

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.3.1 & E.3.2).

Table E.3 (continued)

Total Admission Rates per 1,000 Patient Years: Hemodialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,134	1,679	1,691	1,326	1,551	1,558	1,247	1,951	2,969
20-29	1,670	1,512	1,457	1,416	1,359	1,326	1,339	1,217	1,264
30-39	1,707	1,737	1,650	1,660	1,575	1,622	1,666	1,609	1,669
40-49	1,584	1,568	1,569	1,590	1,533	1,550	1,594	1,653	1,655
50-59	1,691	1,759	1,661	1,700	1,640	1,614	1,698	1,696	1,755
60-64	1,827	1,836	1,888	1,858	1,815	1,807	1,803	1,827	1,867
65-69	2,004	2,005	1,992	1,972	1,918	1,976	1,943	1,902	1,908
70-79	2,071	2,068	2,092	2,086	2,072	2,053	2,111	2,098	2,049
80+	2,239	2,281	2,201	2,223	2,221	2,158	2,259	2,198	2,206
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0-19	2,133	1,679	1,692	1,326	1,551	1,557	1,249	1,953	2,971
20-44	1,658	1,641	1,576	1,599	1,523	1,561	1,587	1,571	1,617
45-64	1,707	1,739	1,715	1,721	1,669	1,646	1,704	1,722	1,759
65-74	2,000	2,020	2,023	2,006	1,986	2,001	2,035	1,996	1,981
75+	2,199	2,193	2,171	2,182	2,161	2,122	2,187	2,164	2,137
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Male	1,829	1,845	1,797	1,797	1,764	1,761	1,790	1,762	1,776
Female	2,056	2,066	2,072	2,084	2,045	2,026	2,105	2,108	2,102
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White	2,116	2,100	2,096	2,069	2,047	2,042	2,065	2,046	2,004
Black	1,789	1,832	1,785	1,813	1,758	1,751	1,828	1,819	1,869
Native American	1,535	1,607	1,730	2,007	1,894	1,952	1,923	1,750	1,925
Asian	1,305	1,286	1,234	1,320	1,385	1,242	1,326	1,317	1,322
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†Hispanic						1,727	1,753	1,728	1,721
†Non-Hispanic						1,879	1,934	1,919	1,930
<hr/>									
All	1,927	1,941	1,915	1,921	1,885	1,875	1,926	1,911	1,916
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GLOMERULONEPHRITIS									
0-19	1,645	1,647	2,088	1,895	1,505	1,602	1,552	1,714	1,704
20-29	1,610	1,442	1,432	1,428	1,406	1,325	1,332	1,253	1,323
30-39	1,543	1,497	1,470	1,476	1,410	1,361	1,407	1,358	1,348
40-49	1,441	1,470	1,510	1,522	1,451	1,482	1,502	1,577	1,553
50-59	1,618	1,601	1,618	1,615	1,589	1,530	1,556	1,535	1,560
60-64	1,622	1,680	1,740	1,822	1,762	1,750	1,703	1,722	1,710
65-69	1,816	1,750	1,765	1,744	1,768	1,759	1,804	1,702	1,724
70-79	1,897	1,798	1,836	1,819	1,792	1,778	1,798	1,844	1,806
80+	2,016	1,982	1,983	1,974	2,018	2,002	2,038	2,027	1,972
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0-19	1,644	1,646	2,088	1,896	1,505	1,601	1,552	1,715	1,705
20-44	1,537	1,494	1,485	1,487	1,417	1,382	1,414	1,407	1,407
45-64	1,567	1,563	1,599	1,621	1,587	1,565	1,573	1,576	1,587
65-74	1,867	1,760	1,757	1,763	1,786	1,744	1,797	1,798	1,757
75+	1,928	1,894	1,961	1,917	1,888	1,906	1,908	1,906	1,896
<hr/>									
Male	1,580	1,553	1,563	1,543	1,518	1,496	1,517	1,492	1,489
Female	1,765	1,711	1,756	1,786	1,720	1,699	1,720	1,756	1,748
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White	1,677	1,640	1,663	1,672	1,635	1,617	1,635	1,633	1,627
Black	1,726	1,674	1,684	1,678	1,631	1,594	1,625	1,629	1,622
Native American	1,450	1,612	1,920	1,594	1,497	1,490	1,460	1,548	1,508
Asian	1,068	1,040	1,085	1,122	1,076	1,095	1,115	1,076	1,106
<hr/>									
†Hispanic						1,359	1,408	1,414	1,396
†Non-Hispanic						1,607	1,628	1,628	1,623
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All	1,656	1,618	1,642	1,642	1,601	1,579	1,600	1,600	1,595

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.3.1 & E.3.2).

Table E.3 (continued)

Total Admission Rates per 1,000 Patient Years: Hemodialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,218	2,114	2,512	2,362	2,091	1,965	1,825	2,129	2,462
20-29	1,768	1,788	1,744	1,784	1,761	1,733	1,718	1,747	1,706
30-39	1,634	1,670	1,656	1,705	1,706	1,716	1,753	1,754	1,838
40-49	1,582	1,588	1,644	1,717	1,648	1,640	1,714	1,725	1,821
50-59	1,670	1,741	1,680	1,729	1,747	1,672	1,723	1,671	1,706
60-64	1,754	1,771	1,776	1,828	1,764	1,784	1,873	1,784	1,864
65-69	1,860	1,898	1,851	1,864	1,847	1,865	1,909	1,890	1,831
70-79	1,931	1,955	1,941	1,977	1,937	1,932	1,932	1,912	1,941
80+	2,083	2,092	2,057	2,123	2,101	2,068	2,123	2,067	2,025
0-19	2,218	2,114	2,512	2,362	2,091	1,965	1,825	2,128	2,461
20-44	1,653	1,688	1,706	1,749	1,710	1,706	1,730	1,749	1,816
45-64	1,679	1,711	1,678	1,738	1,722	1,685	1,759	1,708	1,763
65-74	1,876	1,897	1,877	1,907	1,890	1,894	1,903	1,874	1,878
75+	2,025	2,056	2,019	2,062	2,019	2,002	2,041	2,014	1,993
Male	1,685	1,691	1,664	1,716	1,699	1,686	1,711	1,687	1,720
Female	1,912	1,959	1,979	2,012	1,959	1,934	1,982	1,978	2,023
White	1,804	1,812	1,813	1,842	1,801	1,783	1,810	1,799	1,841
Black	1,820	1,891	1,880	1,956	1,923	1,896	1,945	1,940	1,985
Native American	1,724	1,733	1,817	1,748	1,866	1,907	1,870	1,715	1,788
Asian	1,313	1,285	1,183	1,261	1,325	1,336	1,472	1,343	1,234
†Hispanic						1,656	1,652	1,596	1,719
†Non-Hispanic						1,828	1,869	1,858	1,888
All	1,792	1,817	1,812	1,855	1,821	1,803	1,839	1,824	1,863

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patient years, & counts of total admissions, years at risk, & total patients (Tables E.3.1 & E.3.2).

Table E.4

Total Admission Rates per 1,000 Patient Years: CAPD/CCPD Patients, by Primary Diagnosis

period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	1,928	2,358	2,191	1,883	1,683	2,069	2,215	1,709	1,869
20-29	1,877	1,778	1,914	1,827	1,714	1,814	1,878	1,768	1,688
30-39	1,938	1,863	1,993	2,035	1,929	1,998	1,826	1,974	1,849
40-49	1,933	1,938	1,939	1,972	1,804	1,762	1,858	1,852	1,914
50-59	2,089	2,106	2,206	2,228	2,090	2,139	2,119	2,065	2,048
60-64	2,145	2,155	2,276	2,338	2,228	2,321	2,254	2,304	2,086
65-69	2,156	2,136	2,298	2,283	2,309	2,265	2,213	2,049	2,169
70-79	2,180	2,173	2,219	2,358	2,303	2,333	2,215	2,227	2,177
80+	2,444	2,221	2,313	2,217	2,211	2,184	2,241	2,401	2,274
0-19	1,928	2,357	2,191	1,882	1,682	2,068	2,215	1,709	1,869
20-44	1,916	1,859	1,956	1,964	1,859	1,892	1,854	1,868	1,844
45-64	2,083	2,094	2,171	2,208	2,060	2,095	2,093	2,095	2,030
65-74	2,156	2,157	2,260	2,308	2,331	2,286	2,224	2,115	2,172
75+	2,286	2,165	2,249	2,327	2,195	2,286	2,186	2,309	2,206
Male	1,997	1,979	2,051	2,058	1,986	2,026	2,003	1,937	1,916
Female	2,260	2,220	2,318	2,383	2,291	2,296	2,242	2,308	2,254
White	2,127	2,092	2,171	2,179	2,122	2,131	2,122	2,088	2,025
Black	2,200	2,179	2,257	2,332	2,203	2,246	2,175	2,209	2,220
Native American	1,953	2,176	2,450	2,345	2,431	2,456	2,198	2,219	2,187
Asian	1,329	1,202	1,325	1,451	1,387	1,415	1,395	1,480	1,367
†Hispanic						2,083	2,090	1,867	1,992
†Non-Hispanic						2,126	2,098	2,116	2,050
All	2,122	2,094	2,178	2,212	2,131	2,154	2,117	2,113	2,077
DIABETES									
0-19	*	*	.	*	.	*	*	*	*
20-29	3,127	3,011	2,913	3,044	3,165	2,634	3,447	3,197	3,060
30-39	3,010	2,732	2,855	2,905	2,814	2,943	2,654	2,968	2,667
40-49	2,640	2,563	2,569	2,646	2,524	2,458	2,587	2,626	2,522
50-59	2,630	2,649	2,699	2,740	2,598	2,663	2,636	2,555	2,476
60-64	2,460	2,437	2,588	2,650	2,580	2,687	2,620	2,692	2,393
65-69	2,467	2,417	2,601	2,562	2,597	2,556	2,491	2,327	2,441
70-79	2,589	2,501	2,530	2,719	2,655	2,695	2,571	2,554	2,432
80+	3,299	2,459	2,477	2,355	2,497	2,533	2,790	2,783	2,675
0-19	*	*	.	*	.	*	*	*	*
20-44	2,917	2,723	2,790	2,825	2,759	2,741	2,739	2,823	2,622
45-64	2,569	2,558	2,628	2,690	2,575	2,626	2,612	2,626	2,474
65-74	2,503	2,466	2,570	2,622	2,640	2,605	2,544	2,425	2,443
75+	2,829	2,417	2,531	2,651	2,545	2,681	2,563	2,625	2,483
Male	2,557	2,437	2,426	2,481	2,458	2,499	2,472	2,375	2,286
Female	2,711	2,606	2,758	2,830	2,747	2,764	2,725	2,765	2,651
White	2,678	2,549	2,627	2,664	2,610	2,623	2,629	2,564	2,439
Black	2,714	2,602	2,625	2,756	2,677	2,731	2,657	2,692	2,625
Native American	2,244	2,413	2,843	2,630	2,742	2,702	2,431	2,462	2,422
Asian	1,578	1,504	1,751	1,843	1,873	1,953	1,861	1,901	1,771
†Hispanic						2,555	2,469	2,239	2,362
†Non-Hispanic						2,632	2,620	2,636	2,478
All	2,638	2,526	2,602	2,666	2,611	2,640	2,606	2,582	2,480

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.4.1 & E.4.2).

Table E.4 (continued)

Total Admission Rates per 1,000 Patient Years: CAPD/CCPD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,181	2,322	2,204	1,702	1,671	2,103	*	1,700	1,437
20-29	1,824	1,764	1,657	1,675	1,358	1,582	1,356	1,283	1,646
30-39	1,700	1,698	1,858	1,891	1,773	1,654	1,571	1,822	1,746
40-49	1,712	1,790	1,666	1,771	1,563	1,510	1,559	1,445	1,689
50-59	1,731	1,686	1,861	1,861	1,722	1,741	1,837	1,767	1,843
60-64	1,933	2,068	2,076	2,090	1,934	2,114	1,898	1,913	1,893
65-69	1,919	1,954	2,041	2,054	2,133	2,040	2,014	1,861	2,024
70-79	1,993	2,031	2,040	2,159	2,142	2,109	2,074	2,046	2,141
80+	2,303	2,320	2,347	2,247	2,124	2,125	2,063	2,216	2,190
0-19	2,175	2,320	2,197	1,695	1,662	2,084	*	1,697	1,437
20-44	1,684	1,731	1,755	1,802	1,660	1,629	1,561	1,563	1,763
45-64	1,806	1,821	1,867	1,903	1,722	1,747	1,757	1,718	1,776
65-74	1,937	1,977	2,033	2,064	2,162	2,040	2,040	1,918	2,082
75+	2,144	2,165	2,153	2,256	2,081	2,148	2,063	2,147	2,160
Male	1,816	1,856	1,934	1,937	1,839	1,871	1,842	1,773	1,855
Female	2,101	2,117	2,098	2,172	2,096	2,025	1,995	2,067	2,152
White	2,014	2,008	2,006	2,000	1,974	1,927	1,952	1,892	1,954
Black	1,902	1,980	2,064	2,123	1,968	1,990	1,904	1,934	2,056
Native American	1,837	2,352	1,958	2,180	2,171	2,232	2,005	2,091	2,428
Asian	1,396	1,095	1,079	1,281	1,255	1,221	1,280	1,444	1,181
†Hispanic						1,556	1,853	1,429	1,548
†Non-Hispanic						1,908	1,883	1,887	1,954
All	1,939	1,969	2,005	2,039	1,950	1,938	1,908	1,900	1,983
GLOMERULONEPHRITIS									
0-19	1,726	2,195	2,148	1,856	1,908	1,817	1,915	1,492	1,582
20-29	1,701	1,532	1,700	1,541	1,486	1,597	1,521	1,509	1,443
30-39	1,500	1,430	1,539	1,546	1,426	1,617	1,393	1,307	1,252
40-49	1,428	1,484	1,544	1,422	1,304	1,296	1,328	1,381	1,484
50-59	1,472	1,337	1,657	1,668	1,548	1,632	1,454	1,502	1,556
60-64	1,612	1,560	1,638	1,575	1,561	1,630	1,725	1,549	1,504
65-69	1,600	1,639	1,840	1,712	1,614	1,764	1,772	1,540	1,587
70-79	1,689	1,717	1,907	1,926	1,886	1,905	1,752	1,766	1,746
80+	1,788	1,845	2,153	1,839	1,968	1,942	1,817	2,188	2,023
0-19	1,726	2,194	2,148	1,857	1,907	1,818	1,915	1,491	1,582
20-44	1,528	1,463	1,588	1,517	1,442	1,534	1,415	1,382	1,363
45-64	1,500	1,444	1,612	1,565	1,434	1,502	1,460	1,471	1,534
65-74	1,643	1,660	1,850	1,815	1,735	1,813	1,732	1,624	1,623
75+	1,726	1,811	2,058	1,899	1,931	1,965	1,848	1,974	1,942
Male	1,528	1,515	1,699	1,572	1,537	1,622	1,563	1,476	1,502
Female	1,622	1,589	1,733	1,738	1,610	1,654	1,522	1,633	1,604
White	1,532	1,579	1,717	1,639	1,576	1,663	1,586	1,555	1,537
Black	1,753	1,604	1,851	1,759	1,644	1,704	1,604	1,640	1,680
Native American	1,131	1,134	1,080	1,307	1,695	1,703	1,375	1,296	1,047
Asian	978	957	1,053	1,054	973	901	815	854	965
†Hispanic						1,260	1,284	1,079	1,409
†Non-Hispanic						1,657	1,566	1,574	1,542
All	1,566	1,545	1,713	1,640	1,567	1,635	1,546	1,540	1,543

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.4.1 & E.4.2).

Table E.4 (continued)

Total Admission Rates per 1,000 Patient Years: CAPD/CCPD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	2,012	2,444	2,227	1,910	1,598	2,176	2,338	1,779	2,005
20-29	1,700	1,652	1,926	1,797	1,651	1,871	1,966	1,793	1,534
30-39	1,607	1,642	1,776	1,849	1,752	1,799	1,710	1,851	1,773
40-49	1,695	1,681	1,764	1,788	1,568	1,541	1,697	1,705	1,745
50-59	1,625	1,814	1,798	1,806	1,666	1,694	1,647	1,610	1,582
60-64	1,654	1,635	1,838	2,033	1,806	1,739	1,791	1,940	1,629
65-69	1,737	1,709	1,889	1,966	1,940	1,869	1,792	1,641	1,754
70-79	1,701	1,802	1,895	2,002	1,886	2,018	1,771	1,935	1,782
80+	1,853	1,799	2,060	2,109	2,122	1,938	2,077	2,405	2,016
0-19	2,012	2,444	2,228	1,909	1,597	2,175	2,338	1,779	2,006
20-44	1,659	1,637	1,785	1,813	1,681	1,751	1,777	1,788	1,726
45-64	1,651	1,751	1,824	1,861	1,665	1,651	1,689	1,707	1,611
65-74	1,686	1,730	1,868	1,973	1,938	1,928	1,769	1,714	1,740
75+	1,841	1,849	2,023	2,072	1,912	2,002	1,906	2,231	1,905
Male	1,607	1,680	1,810	1,832	1,687	1,703	1,724	1,732	1,645
Female	1,805	1,834	1,931	2,004	1,893	1,943	1,871	1,961	1,850
White	1,619	1,673	1,801	1,822	1,731	1,744	1,712	1,759	1,655
Black	1,981	2,034	2,110	2,202	2,009	2,063	2,053	2,091	2,010
Native American	1,150	1,611	2,013	1,856	1,573	1,979	1,838	1,829	1,658
Asian	1,067	948	1,020	1,251	945	1,053	1,156	1,283	1,166
†Hispanic						1,580	1,596	1,601	1,589
†Non-Hispanic						1,796	1,776	1,823	1,717
All	1,700	1,753	1,867	1,913	1,784	1,816	1,793	1,840	1,741

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.4.1 & E.4.2).

Table E.5

Total Admission Rates per 1,000 Patient Years: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	952	896	1,077	990	971	1,100	1,012	1,088	1,068
20-29	903	885	931	835	885	932	883	912	862
30-39	906	983	876	920	857	866	889	845	829
40-49	954	985	898	890	924	911	887	860	894
50-59	1,073	1,006	1,066	1,041	1,031	959	937	956	964
60-64	1,037	997	1,029	1,050	1,124	1,063	1,009	1,099	1,042
65+	1,055	1,108	1,172	1,038	1,009	980	1,100	1,014	1,112
0-19	952	896	1,077	990	971	1,100	1,012	1,088	1,068
20-44	920	948	911	895	902	901	889	863	839
45-64	1,061	1,052	1,014	1,009	1,010	969	948	967	983
65+	1,052	1,107	1,169	1,038	1,009	978	1,099	1,012	1,110
Male	1,008	1,023	999	943	960	927	930	922	940
Female	1,045	1,069	1,153	1,072	1,038	1,008	1,100	1,036	1,109
White	1,005	1,013	995	934	922	918	954	934	973
Black	1,074	1,115	1,215	1,136	1,137	1,048	1,111	1,068	1,112
Other race	912	893	922	843	835	908	928	790	902
†Hispanic						1,045	928	952	970
†Non-Hispanic						936	995	955	1,003
All	1,026	1,045	1,072	1,004	997	966	1,011	976	1,020
DIABETES									
0-19	*	*	*	*	*	*	*	*	*
20-29	1,551	1,439	1,576	1,616	1,710	1,804	1,453	1,654	1,502
30-39	1,469	1,563	1,388	1,423	1,305	1,310	1,371	1,331	1,265
40-49	1,392	1,440	1,280	1,235	1,273	1,246	1,254	1,168	1,197
50-59	1,330	1,284	1,369	1,367	1,296	1,232	1,208	1,205	1,168
60-64	1,231	1,105	1,232	1,220	1,333	1,252	1,171	1,281	1,175
65+	1,328	1,299	1,373	1,285	1,075	1,027	1,183	1,203	1,323
0-19	*	*	*	*	*	*	*	*	*
20-44	1,446	1,467	1,392	1,404	1,384	1,372	1,345	1,311	1,261
45-64	1,345	1,355	1,312	1,291	1,261	1,216	1,206	1,207	1,180
65+	1,321	1,297	1,367	1,285	1,074	1,025	1,181	1,199	1,318
Male	1,337	1,298	1,292	1,281	1,226	1,136	1,110	1,173	1,146
Female	1,325	1,298	1,396	1,312	1,157	1,143	1,289	1,262	1,359
White	1,324	1,292	1,283	1,241	1,132	1,104	1,122	1,184	1,224
Black	1,369	1,327	1,479	1,418	1,300	1,206	1,363	1,315	1,339
Other race	1,182	1,200	1,218	1,162	1,122	1,110	1,100	1,042	1,142
†Hispanic						1,284	1,088	1,154	1,145
†Non-Hispanic						1,109	1,199	1,209	1,265
All	1,331	1,298	1,347	1,297	1,190	1,140	1,205	1,220	1,259

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

"." Zero values in this cell.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.5.1 & E.5.2).

Table E.5 (continued)

Total Admission Rates per 1,000 Patient Years: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	936	763	1,276	839	1,084	873	843	565	468
20-29	1,106	959	1,009	792	937	822	811	765	743
30-39	800	868	753	831	848	811	786	716	707
40-49	908	904	778	821	909	864	750	787	861
50-59	989	853	890	805	899	772	747	806	838
60-64	857	947	861	908	956	906	816	943	952
65+	906	1,068	1,085	878	1,047	1,038	1,091	888	1,000
0-19	937	763	1,275	840	1,082	868	841	564	469
20-44	891	875	827	808	919	830	780	737	734
45-64	951	905	837	836	887	827	759	835	887
65+	907	1,066	1,083	878	1,047	1,037	1,090	886	999
Male	932	992	916	797	918	925	902	820	911
Female	887	992	1,063	939	1,078	980	1,019	899	959
White	890	981	882	761	884	921	944	805	891
Black	945	1,026	1,093	973	1,118	978	966	922	988
Other race	790	713	757	608	606	922	876	615	727
†Hispanic						772	739	613	732
†Non-Hispanic						942	954	853	922
All	913	992	979	858	987	949	952	854	932
GLOMERULONEPHRITIS									
0-19	1,012	1,030	1,137	1,185	975	1,032	991	1,264	1,180
20-29	764	769	813	696	756	783	763	827	743
30-39	663	742	621	668	608	573	603	627	635
40-49	637	729	653	623	681	657	621	663	698
50-59	761	718	790	780	759	636	649	673	714
60-64	796	750	715	750	883	761	780	798	812
65+	856	910	909	899	879	718	868	841	865
0-19	1,013	1,032	1,138	1,183	976	1,034	991	1,263	1,181
20-44	692	746	699	669	670	657	647	689	664
45-64	724	731	717	714	761	673	681	697	748
65+	858	912	911	897	880	720	869	842	867
Male	721	758	714	699	723	620	687	723	714
Female	807	846	862	859	831	774	784	781	829
White	727	740	718	713	711	622	692	706	700
Black	863	952	931	926	919	835	831	897	912
Other race	516	536	545	467	561	514	548	413	594
†Hispanic						612	602	657	665
†Non-Hispanic						657	714	727	738
All	756	794	774	764	767	683	727	747	761

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.5.1 & E.5.2).

Table E.5 (continued)

Total Admission Rates per 1,000 Patient Years: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	933	851	1,034	902	964	1,143	1,035	1,046	1,040
20-29	759	800	820	753	745	862	858	837	835
30-39	729	797	767	789	710	795	818	730	727
40-49	709	710	749	747	697	747	788	714	707
50-59	751	707	730	712	726	741	705	721	789
60-64	755	828	741	835	778	802	852	864	841
65+	750	796	957	795	829	866	1,017	864	915
0-19	932	850	1,034	903	964	1,142	1,035	1,047	1,039
20-44	738	780	789	766	720	806	831	763	745
45-64	735	725	719	747	726	752	744	737	782
65+	751	795	957	794	829	866	1,016	865	915
Male	743	769	805	734	720	778	826	773	778
Female	752	775	885	823	832	870	952	841	895
White	724	718	762	699	715	761	820	759	772
Black	817	931	1,065	990	943	982	1,042	939	994
Other race	645	550	614	548	525	678	864	634	708
†Hispanic						808	804	820	832
†Non-Hispanic						784	853	775	803
All	747	772	843	776	773	821	885	805	833

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: total admission rates per 1,000 patients & counts of total admissions, years at risk, & total patients (Tables E.5.1 & E.5.2).

Table E.6

Total Admissions: Standardized Hospitalization Ratios: Dialysis Patients*period prevalent patients, by state/territory*

	1999-2001	1999	2000	2001
Alabama	1.02	1.06	1.02	1.00
Alaska	0.70	0.76	0.68	0.75
Arizona	0.93	0.90	0.94	0.94
Arkansas	1.13	1.11	1.15	1.13
California	0.95	0.98	0.95	0.93
Colorado	0.85	0.86	0.82	0.86
Connecticut	0.91	0.89	0.92	0.92
Delaware	0.81	0.81	0.83	0.81
District of Columbia	1.19	1.16	1.21	1.20
Florida	1.04	1.02	1.04	1.06
Georgia	1.00	1.02	1.00	0.98
Hawaii	0.88	0.91	0.89	0.84
Idaho	0.80	0.74	0.85	0.84
Illinois	1.12	1.09	1.11	1.16
Indiana	0.97	0.96	0.97	0.98
Iowa	0.88	0.90	0.90	0.85
Kansas	1.05	1.06	1.07	1.00
Kentucky	1.00	1.02	0.99	0.99
Louisiana	1.26	1.26	1.27	1.24
Maine	0.94	0.97	0.89	0.96
Maryland	1.08	1.06	1.11	1.07
Massachusetts	1.19	1.19	1.18	1.18
Michigan	1.01	1.00	0.99	1.04
Minnesota	0.96	0.93	0.97	0.97
Mississippi	0.92	0.94	0.92	0.90
Missouri	1.04	0.98	1.05	1.08
Montana	0.74	0.79	0.72	0.75
Nebraska	0.88	0.86	0.94	0.85
Nevada	0.96	0.99	0.97	0.93
New Hampshire	0.99	0.98	0.99	0.97
New Jersey	1.04	1.04	1.04	1.03
New Mexico	0.81	0.80	0.78	0.85
New York	0.93	0.94	0.93	0.92
North Carolina	1.04	1.05	1.04	1.02
North Dakota	0.80	0.75	0.86	0.82
Ohio	1.03	1.03	1.03	1.03
Oklahoma	1.07	1.05	1.07	1.08
Oregon	0.89	0.87	0.89	0.90
Pennsylvania	1.11	1.10	1.09	1.13
Rhode Island	1.03	1.03	1.04	1.00
South Carolina	0.95	0.95	0.97	0.94
South Dakota	0.90	0.92	0.88	0.91
Tennessee	0.98	1.00	0.95	0.98
Texas	0.97	0.97	0.97	0.98
Utah	0.70	0.75	0.73	0.67
Vermont	0.80	0.84	0.77	0.81
Virginia	0.90	0.91	0.89	0.90
Washington	0.86	0.84	0.87	0.86
West Virginia	1.14	1.18	1.15	1.09
Wisconsin	0.89	0.86	0.91	0.88
Wyoming	0.69	0.75	0.70	0.72
American Samoa	0.67	0.90	0.77	0.63
Guam	0.97	0.97	0.85	1.07
Saipan	1.04	0.89	1.10	1.08
Puerto Rico	1.04	1.03	1.05	1.03
Virgin Islands	0.79	0.83	0.93	0.70
All	1.00	1.00	1.00	1.00

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

Table E.7

Hospital Days per Patient Year: ESRD Patients, by Primary Diagnosis, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	13	13	12	11	10	10	10	10	10
20-29	12	11	10	10	9	9	9	9	9
30-39	13	13	12	11	11	11	11	11	11
40-49	14	13	13	12	12	11	12	12	12
50-59	16	16	15	14	14	13	14	14	14
60-64	17	17	16	15	15	15	15	15	15
65-69	18	17	17	16	16	16	16	16	15
70-79	19	18	17	16	16	16	16	16	16
80+	19	18	17	17	17	16	17	16	16
0-19	13	13	12	11	10	10	10	10	10
20-44	13	13	12	11	11	11	11	11	11
45-64	16	16	14	14	14	13	14	14	14
65-74	19	18	17	16	16	16	16	16	16
75+	19	18	17	17	16	16	17	16	16
Male	16	15	14	13	13	13	13	13	13
Female	18	17	16	16	16	15	16	16	16
White	17	16	16	15	15	14	15	15	14
Black	17	16	15	15	14	14	15	14	15
Native American	14	15	14	14	13	13	14	13	13
Asian	11	11	11	11	11	11	11	11	11
†Hispanic							14	14	14
†Non-Hispanic							14	15	14
All	17	16	15	15	14	14	15	14	14
DIABETES									
0-19	23	18	13	22	11	*	*	*	19
20-29	24	20	19	19	19	18	18	18	20
30-39	21	20	19	17	17	16	17	17	17
40-49	20	19	17	17	16	16	17	17	17
50-59	20	19	18	18	17	16	17	17	17
60-64	20	19	18	18	17	17	17	17	17
65-69	21	19	19	18	18	18	18	18	17
70-79	22	20	19	18	18	18	18	18	18
80+	23	20	20	19	19	19	20	19	19
0-19	23	18	13	22	11	*	*	*	19
20-44	21	20	19	18	17	16	17	16	17
45-64	20	19	18	17	16	17	17	17	17
65-74	21	20	19	18	18	18	18	18	18
75+	22	20	19	19	19	18	19	18	18
Male	20	19	17	17	16	16	17	17	16
Female	22	20	19	19	18	18	19	18	18
White	22	20	19	18	18	18	18	18	17
Black	21	20	18	18	17	17	18	18	18
Native American	16	16	15	15	15	14	15	15	14
Asian	14	14	14	15	15	14	14	15	14
†Hispanic							16	17	16
†Non-Hispanic							17	18	18

Overall rates are adjusted for age, gender, race, & primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS began collecting Hispanic ethnicity data in April 1995; cells for years prior to 1998 have therefore been left blank.

*Values for cells with fewer than 10 patients are suppressed.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.7.1 & E.7.2).

Table E.7 (continued)
Hospital Days per Patient Year: ESRD Patients, by Primary Diagnosis
period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	12	12	12	9	8	8	6	7	10
20-29	11	10	9	8	7	7	7	6	7
30-39	11	11	10	9	9	8	9	9	9
40-49	12	11	10	10	9	9	10	9	10
50-59	13	13	12	11	11	11	11	11	12
60-64	14	14	14	13	13	13	13	13	13
65-69	16	16	15	14	14	14	14	14	14
70-79	17	16	15	15	15	15	15	15	15
80+	18	18	16	16	16	15	16	15	16
<hr/>									
0-19	12	12	12	9	8	8	6	7	10
20-44	11	11	10	9	9	9	9	8	9
45-64	13	13	12	11	11	11	11	11	12
65-74	16	16	15	14	14	14	15	14	14
75+	18	17	16	16	16	15	16	15	15
<hr/>									
Male	14	14	13	12	12	12	12	12	12
Female	17	16	15	15	15	14	15	15	15
<hr/>									
White	16	16	15	14	14	14	14	14	14
Black	14	14	13	12	12	12	13	12	13
Native American	12	13	12	13	13	12	13	12	13
Asian	10	10	9	9	10	9	10	10	10
<hr/>									
†Hispanic						12	12	12	12
†Non-Hispanic						13	13	13	13
All	15	15	14	13	13	13	13	13	13
<hr/>									
GLOMERULONEPHRITIS									
0-19	11	12	11	10	9	9	9	9	9
20-29	10	9	9	8	7	7	7	7	7
30-39	10	9	9	8	8	8	8	7	7
40-49	10	10	10	9	9	9	9	9	9
50-59	12	11	11	11	10	10	10	10	10
60-64	13	12	13	12	12	11	12	11	11
65-69	14	14	14	12	12	12	13	12	12
70-79	15	14	14	13	13	13	13	13	13
80+	17	16	15	14	15	14	15	15	14
<hr/>									
0-19	11	12	11	10	9	9	9	9	9
20-44	10	9	9	8	8	8	8	8	8
45-64	11	11	11	10	10	10	10	10	10
65-74	15	14	14	13	13	12	13	13	12
75+	16	15	15	14	14	14	14	14	13
<hr/>									
Male	11	11	11	10	10	9	10	9	9
Female	13	13	12	12	11	11	11	11	11
<hr/>									
White	12	12	11	11	11	10	10	10	10
Black	13	12	12	11	10	10	10	10	10
Native American	10	10	11	9	9	8	9	9	9
Asian	8	8	7	7	8	7	8	7	7
<hr/>									
†Hispanic						8	8	8	9
†Non-Hispanic						10	10	10	10
All	12	11	11	11	10	10	10	10	10

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.
 Includes all patients who have reached day 91 of ESRD by December 31 of each calendar year.
 Patient age is determined on January 1 of each calendar year.
 †CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.
 On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.7.1 & E.7.2).

Table E.7 (continued)

Hospital Days per Patient Year: ESRD Patients, by Primary Diagnosis
period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	13	13	12	11	11	11	10	10	10
20-29	11	11	10	10	9	10	10	9	9
30-39	11	11	11	11	10	10	10	10	10
40-49	12	11	11	11	11	11	11	11	11
50-59	13	13	12	12	12	11	11	11	11
60-64	14	14	13	13	13	13	13	13	13
65-69	15	15	15	14	14	14	14	14	13
70-79	16	16	15	15	14	14	15	15	14
80+	18	16	16	15	15	15	16	16	15
0-19	13	13	12	11	11	11	10	10	10
20-44	12	11	11	10	10	10	10	10	10
45-64	13	13	12	12	12	11	12	12	12
65-74	16	15	15	14	14	14	14	14	14
75+	17	16	16	15	15	15	15	15	15
Male	13	13	12	12	11	11	11	11	11
Female	15	15	14	14	14	13	14	13	13
White	14	13	13	12	12	12	12	12	12
Black	15	15	14	14	13	13	14	13	13
Native American	12	11	12	11	12	12	12	11	10
Asian	10	10	9	9	10	9	11	9	9
†Hispanic						11	11	10	11
†Non-Hispanic						13	13	13	12
All	14	14	13	13	12	12	13	12	12

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.7.1 & E.7.2).

Table E.8

Hospital Days per Patient Year: Dialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	14	14	14	12	12	12	11	11	11
20-29	12	11	10	10	10	10	10	9	10
30-39	14	13	13	12	12	11	12	11	11
40-49	14	13	13	13	12	12	13	12	13
50-59	16	16	15	15	14	14	14	14	14
60-64	17	17	16	16	15	15	16	15	15
65-69	19	18	17	16	16	16	16	16	16
70-79	19	18	17	16	16	16	16	16	16
80+	19	18	17	17	17	16	17	16	16
0-19	14	14	14	12	12	12	11	11	11
20-44	13	13	12	12	11	11	11	11	11
45-64	16	16	15	14	14	14	14	14	14
65-74	19	18	17	16	16	16	16	16	16
75+	19	18	17	17	16	16	17	16	16
Male	16	15	14	14	13	13	14	13	13
Female	18	17	17	16	16	16	16	16	16
White	18	17	16	15	15	15	15	15	15
Black	17	16	15	15	14	14	15	14	15
Native American	14	14	14	14	14	13	14	14	13
Asian	11	11	11	11	11	11	11	11	11
†Hispanic							14	14	14
†Non-Hispanic							14	15	15
All	17	16	15	15	14	14	15	15	15
DIABETES									
0-19	25	*	*	*	*	*	*	*	19
20-29	26	21	20	21	20	19	20	19	21
30-39	23	22	21	20	19	18	19	18	18
40-49	21	20	18	18	17	17	18	18	18
50-59	20	19	18	18	17	17	17	17	17
60-64	20	19	18	18	17	17	18	17	17
65-69	21	19	19	18	18	18	18	18	18
70-79	21	20	19	19	18	18	18	18	18
80+	23	20	20	19	19	19	20	19	19
0-19	26	*	*	*	*	*	*	*	19
20-44	22	21	20	20	18	18	19	18	18
45-64	20	19	18	18	17	17	18	17	17
65-74	21	20	19	18	18	18	18	18	18
75+	22	20	19	19	18	18	19	18	18
Male	20	19	18	18	17	17	17	17	17
Female	22	20	19	19	18	18	19	19	19
White	22	20	19	19	18	18	19	18	18
Black	21	20	18	18	17	17	18	18	18
Native American	16	16	15	15	15	14	15	15	15
Asian	14	14	15	15	15	14	14	15	14
†Hispanic							16	17	16
†Non-Hispanic							18	18	18
All	21	20	19	18	18	18	18	18	18

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.8.1 & E.8.2).

Table E.8 (continued)

Hospital Days per Patient Year: Dialysis Patients, by Primary Diagnosis

period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	13	11	10	7	9	9	6	9	11
20-29	10	9	8	7	7	7	6	6	6
30-39	11	11	10	9	9	8	9	9	9
40-49	11	11	10	10	9	9	10	9	10
50-59	13	13	12	11	11	11	12	11	12
60-64	15	14	14	13	13	13	13	13	13
65-69	16	16	15	14	14	14	14	14	14
70-79	17	16	15	15	15	15	15	15	15
80+	18	18	16	16	16	15	16	15	16
0-19	13	11	10	7	9	9	6	9	11
20-44	11	10	10	9	8	9	9	8	9
45-64	13	13	12	12	11	11	12	12	12
65-74	16	16	15	14	15	14	15	14	14
75+	18	17	16	16	16	15	16	15	15
Male	14	14	13	12	12	12	12	12	12
Female	17	16	15	15	15	14	15	15	15
White	17	16	15	14	14	14	14	14	14
Black	14	14	13	12	12	12	13	12	13
Native American	12	12	12	14	13	12	13	12	14
Asian	10	9	8	9	10	9	10	10	10
†Hispanic						12	12	12	12
†Non-Hispanic						13	13	13	13
All	15	15	14	13	13	13	13	13	13
GLOMERULONEPHRITIS									
0-19	10	11	12	10	10	9	8	9	9
20-29	9	8	8	8	7	7	7	7	7
30-39	10	9	9	9	8	8	8	7	7
40-49	10	10	10	9	9	9	9	9	10
50-59	12	11	12	11	11	11	11	10	10
60-64	13	13	13	12	13	12	12	12	12
65-69	15	14	14	12	12	12	13	12	12
70-79	16	14	14	13	13	13	13	13	13
80+	17	16	15	14	15	14	15	15	14
0-19	10	11	12	10	10	9	8	9	9
20-44	10	9	9	9	8	8	8	8	8
45-64	12	11	11	11	11	10	11	10	11
65-74	15	14	14	13	13	12	13	13	12
75+	16	15	15	14	14	14	14	14	13
Male	11	11	11	10	10	10	10	9	9
Female	13	13	13	12	11	11	12	12	11
White	12	12	12	11	11	11	11	11	10
Black	13	12	11	11	10	10	11	10	10
Native American	10	10	11	10	9	9	9	9	9
Asian	8	7	7	7	8	8	8	8	8
†Hispanic						8	8	8	9
†Non-Hispanic						11	11	11	10
All	12	11	11	11	11	10	11	10	10

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.8.1 & E.8.2).

Table E.8 (continued)

Hospital Days per Patient Year: Dialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	15	16	16	13	13	13	11	12	13
20-29	12	11	10	10	10	11	10	10	10
30-39	12	12	11	11	11	11	11	11	11
40-49	12	12	12	12	11	11	12	12	12
50-59	13	14	13	12	12	12	12	12	12
60-64	14	14	14	14	13	13	14	13	14
65-69	16	15	15	14	14	14	14	14	13
70-79	16	16	15	15	14	14	14	15	14
80+	18	16	16	15	15	15	16	16	15
0-19	15	16	16	13	13	13	11	12	13
20-44	12	12	11	11	11	11	11	11	11
45-64	14	13	13	13	12	12	12	12	12
65-74	16	15	15	14	14	14	14	14	14
75+	17	17	16	15	15	15	15	15	15
Male	13	13	12	12	12	12	12	12	12
Female	16	15	15	14	14	14	14	14	14
White	14	14	13	13	13	13	13	13	13
Black	15	15	14	14	13	13	14	14	14
Native American	12	11	12	12	12	12	13	11	11
Asian	10	10	9	9	10	10	11	10	10
†Hispanic						11	11	11	11
†Non-Hispanic						13	13	13	13
All	14	14	13	13	13	13	13	13	13

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.8.1 & E.8.2).

Table E.9

Hospital Days Per Patient Year: Hemodialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	13	11	14	11	11	10	9	11	10
20-29	12	11	10	10	9	9	9	9	9
30-39	13	13	12	12	11	11	11	11	11
40-49	13	13	12	12	12	12	12	12	12
50-59	16	15	14	14	13	13	14	14	14
60-64	17	16	15	15	14	15	15	15	15
65-69	18	17	16	15	15	16	16	16	15
70-79	18	17	16	16	16	16	16	16	16
80+	19	18	17	16	16	16	17	16	16
0-19	13	11	14	11	11	10	9	11	10
20-44	13	13	12	12	11	11	11	11	11
45-64	16	15	14	14	13	13	14	14	14
65-74	18	17	16	16	15	16	16	16	16
75+	18	18	17	16	16	16	16	16	16
Male	15	15	14	13	13	13	13	13	13
Female	18	17	16	16	15	15	16	16	16
White	17	16	15	15	15	15	15	15	14
Black	16	15	14	14	14	14	14	14	14
Native American	14	14	13	14	13	13	14	13	13
Asian	11	11	11	11	11	11	11	11	11
†Hispanic						13	14	13	13
†Non-Hispanic						14	15	15	14
All	16	16	15	14	14	14	15	14	14
DIABETES									
0-19	*	*	*	*	*	*	*	*	*
20-29	27	22	20	22	20	20	20	19	21
30-39	22	21	20	19	18	18	19	18	18
40-49	19	19	17	17	16	16	17	17	17
50-59	19	18	17	17	16	16	17	17	17
60-64	19	19	17	17	16	17	17	17	17
65-69	20	19	18	17	17	17	18	18	17
70-79	21	19	18	18	17	18	18	18	18
80+	22	20	19	19	19	18	19	18	18
0-19	*	*	*	*	*	*	*	*	*
20-44	22	21	19	19	18	17	18	18	18
45-64	19	18	17	17	16	16	17	17	17
65-74	21	19	18	18	17	17	18	18	17
75+	21	20	19	18	18	18	19	18	18
Male	19	19	17	17	16	16	17	17	16
Female	21	19	19	18	18	18	19	18	18
White	21	20	18	18	17	18	18	18	18
Black	20	19	18	17	17	17	18	18	18
Native American	16	15	14	15	14	14	15	15	14
Asian	14	14	14	14	14	14	14	15	14
†Hispanic						16	17	16	16
†Non-Hispanic						17	18	18	18
All	20	19	18	18	17	17	18	18	17

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.9.1 & E.9.2).

Table E.9 (continued)

Hospital Days Per Patient Year: Hemodialysis Patients, by Primary Diagnosis

period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	12	8	8	6	8	10	6	10	13
20-29	9	8	7	7	7	6	6	6	6
30-39	11	11	9	9	8	8	9	9	9
40-49	11	10	10	9	9	9	9	9	9
50-59	13	13	11	11	11	10	11	11	12
60-64	14	14	13	13	13	12	13	13	13
65-69	16	16	15	14	14	14	14	14	14
70-79	17	16	15	15	15	14	15	15	15
80+	18	18	16	16	16	15	16	15	15
0-19	12	8	8	6	8	10	6	10	13
20-44	11	10	9	9	8	8	8	8	8
45-64	13	13	12	11	11	11	11	11	12
65-74	16	16	15	14	14	14	14	14	14
75+	18	17	16	15	15	15	16	15	15
Male	14	13	12	12	12	11	12	12	12
Female	16	16	15	14	14	14	15	15	15
White	16	15	15	14	14	14	14	14	13
Black	14	14	12	12	12	12	12	12	13
Native American	11	11	11	13	13	11	13	12	13
Asian	9	9	8	9	9	9	9	10	10
†Hispanic						11	12	12	12
†Non-Hispanic						13	13	13	13
All	15	14	13	13	13	13	13	13	13
GLOMERULONEPHRITIS									
0-19	9	8	11	10	8	9	8	9	7
20-29	9	8	8	7	7	7	7	6	7
30-39	10	9	8	8	8	7	8	7	7
40-49	10	10	10	9	9	9	9	9	9
50-59	12	11	11	11	11	10	11	10	10
60-64	12	13	13	12	12	12	12	12	12
65-69	14	13	13	12	12	12	13	12	12
70-79	15	14	13	13	13	12	13	13	13
80+	17	16	15	14	15	14	15	14	13
0-19	9	8	11	10	8	9	8	9	7
20-44	10	9	9	8	8	8	8	8	7
45-64	11	11	11	11	10	10	11	10	10
65-74	15	14	13	12	13	12	13	13	12
75+	15	14	14	13	14	13	14	13	13
Male	11	10	10	9	10	9	10	9	9
Female	13	12	12	12	11	11	12	11	11
White	12	11	11	11	11	10	11	10	10
Black	12	11	11	10	10	10	10	10	10
Native American	11	10	12	10	9	8	9	9	9
Asian	8	7	7	8	7	7	8	7	7
†Hispanic						8	8	8	8
†Non-Hispanic						10	11	10	10
All	12	11	11	10	10	10	10	10	10

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three.

ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.9.1 & E.9.2).

Table E.9 (continued)

Hospital Days Per Patient Year: Hemodialysis Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	15	12	15	12	12	10	10	12	11
20-29	12	11	10	10	10	10	10	9	10
30-39	11	11	11	11	11	11	11	10	11
40-49	12	11	11	11	11	11	12	11	12
50-59	13	13	12	12	12	12	12	12	12
60-64	14	14	13	13	13	13	14	13	14
65-69	15	15	14	14	14	14	14	14	13
70-79	16	16	15	14	14	14	14	14	14
80+	18	16	15	15	15	15	16	16	15
0-19	15	12	15	12	12	10	10	12	11
20-44	11	11	11	11	11	11	11	10	11
45-64	13	13	12	12	12	12	12	12	12
65-74	16	15	14	14	14	14	14	14	14
75+	17	16	15	15	15	15	15	15	15
Male	13	13	12	12	11	11	12	12	12
Female	15	15	14	14	14	14	14	14	14
White	14	13	13	13	12	12	12	13	12
Black	14	14	14	13	13	13	14	13	14
Native American	12	11	12	11	12	12	13	11	10
Asian	10	9	9	9	10	9	11	10	9
†Hispanic						10	11	10	11
†Non-Hispanic						13	13	13	13
All	14	14	13	13	12	12	13	13	13

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per patient & counts of total hospital days, years at risk, & total patients (Tables E.9.1 & E.9.2).

Table E.10

Hospital Days Per Patient Year: CAPD/CCPD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	14	16	15	13	13	14	13	11	13
20-29	13	11	12	12	10	12	11	11	10
30-39	15	14	14	13	13	13	12	13	12
40-49	16	15	15	15	14	13	13	14	14
50-59	19	18	18	18	16	17	17	16	16
60-64	20	20	20	20	18	19	18	19	18
65-69	21	20	21	20	20	20	19	18	18
70-79	22	21	20	21	20	20	19	19	19
80+	26	21	20	18	18	17	19	19	19
0-19	14	16	15	13	13	14	13	11	13
20-44	15	13	13	13	13	13	12	12	12
45-64	19	18	18	18	16	17	16	17	16
65-74	21	20	21	20	20	20	19	18	19
75+	24	21	20	20	19	19	19	19	19
Male	18	17	17	16	15	16	15	15	15
Female	22	21	20	20	19	19	19	19	19
White	20	19	18	18	17	17	17	17	16
Black	21	20	19	20	18	19	17	18	18
Native American	16	20	20	17	19	17	17	16	18
Asian	12	12	10	12	12	11	11	12	13
†Hispanic						16	17	15	16
†Non-Hispanic						17	17	17	17
All	20	19	18	18	17	17	17	17	17
DIABETES									
0-19	*	*	.	*	.	*	*	*	*
20-29	22	19	18	18	18	17	21	19	19
30-39	24	21	21	20	20	19	20	20	18
40-49	24	22	21	21	20	18	19	21	19
50-59	25	24	23	23	21	22	21	21	21
60-64	24	23	23	24	21	23	21	22	21
65-69	25	23	24	23	23	23	22	21	22
70-79	27	25	24	26	24	23	23	22	22
80+	38	24	23	19	21	21	25	23	23
0-19	*	*	.	*	.	*	*	*	*
20-44	23	21	21	20	20	19	19	19	18
45-64	25	23	22	23	21	21	21	21	21
65-74	26	24	24	24	23	23	23	22	22
75+	30	24	23	24	22	23	24	23	21
Male	24	22	20	21	20	20	20	19	19
Female	28	25	25	25	24	24	24	24	24
White	26	24	23	23	21	21	22	21	21
Black	27	25	24	25	23	24	23	24	23
Native American	18	23	24	19	21	19	19	18	19
Asian	17	14	15	18	17	16	14	15	16
†Hispanic						20	20	18	20
†Non-Hispanic						22	22	22	21
All	26	24	23	23	22	22	22	22	21

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.10.1 & E.10.2).

Table E.10 (continued)

Hospital Days Per Patient Year: CAPD/CCPD Patients, by Primary Diagnosis

period prevalent patients, including all hospitalizations from Part A institutional inpatient claims

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	13	17	17	12	12	9	*	7	7
20-29	11	11	10	10	7	9	7	7	9
30-39	12	12	11	11	11	10	9	12	10
40-49	13	13	13	13	12	11	11	10	11
50-59	14	14	14	14	13	14	13	13	14
60-64	16	19	17	16	16	16	15	16	15
65-69	18	19	19	16	18	17	17	15	15
70-79	19	19	18	18	19	18	17	17	18
80+	24	22	19	18	17	16	18	18	19
0-19	13	17	16	12	12	9	*	7	7
20-44	12	12	11	11	11	11	10	10	11
45-64	15	15	15	14	13	14	13	13	13
65-74	18	19	18	17	18	17	17	15	17
75+	22	21	18	19	18	18	17	18	18
Male	15	16	15	14	14	14	14	14	14
Female	20	20	18	18	18	16	16	17	18
White	18	18	16	16	16	15	15	15	15
Black	17	17	17	16	16	16	15	15	16
Native American	14	23	17	16	17	16	16	17	22
Asian	12	11	9	9	10	10	10	11	11
†Hispanic						13	13	13	12
†Non-Hispanic						15	15	15	15
All	18	17	16	16	16	15	15	15	16
GLOMERULONEPHRITIS									
0-19	11	15	13	11	13	10	10	9	12
20-29	11	9	10	11	9	10	10	9	9
30-39	11	10	10	10	9	10	9	8	8
40-49	12	11	12	11	10	9	9	10	11
50-59	12	11	14	14	12	13	12	12	12
60-64	15	13	14	12	14	14	14	12	12
65-69	16	13	16	14	13	14	14	13	13
70-79	17	16	16	16	15	15	14	15	15
80+	18	17	16	17	15	14	16	16	17
0-19	11	15	13	11	13	10	10	9	12
20-44	11	10	10	10	9	10	9	9	9
45-64	13	11	13	13	12	12	11	11	12
65-74	16	14	16	15	14	14	14	14	14
75+	18	17	17	16	16	15	16	16	16
Male	13	11	13	12	11	11	11	11	11
Female	14	13	14	14	12	12	12	12	12
White	13	13	13	13	12	12	12	11	11
Black	14	12	14	14	12	12	11	12	13
Native American	9	7	7	8	12	12	9	9	11
Asian	8	8	6	7	8	7	6	7	9
†Hispanic						9	9	8	10
†Non-Hispanic						12	12	11	12
All	13	12	13	13	12	12	11	11	12

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.10.1 & E.10.2).

Table E.10 (continued)

Hospital Days Per Patient Year: CAPD/CCPD Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	15	17	16	15	13	16	14	12	14
20-29	12	11	12	12	10	14	12	12	10
30-39	12	12	12	13	13	12	12	12	12
40-49	14	13	13	14	12	12	12	12	13
50-59	14	16	14	15	14	14	13	12	12
60-64	15	16	17	17	15	15	14	15	14
65-69	16	15	17	17	15	15	14	14	13
70-79	16	17	17	17	16	16	14	16	15
80+	18	17	20	18	18	16	18	19	16
0-19	15	17	16	15	13	16	14	12	14
20-44	13	12	12	12	12	13	12	12	11
45-64	15	15	15	15	13	13	13	13	13
65-74	16	16	16	17	16	16	14	14	14
75+	17	18	19	18	16	16	16	18	15
Male	14	14	14	15	13	13	12	13	12
Female	16	16	16	16	15	16	15	15	15
White	14	14	15	14	14	13	13	13	13
Black	18	17	17	18	16	17	15	16	15
Native American	12	13	14	17	14	15	13	11	11
Asian	9	10	7	10	9	9	10	10	12
†Hispanic						12	12	12	12
†Non-Hispanic						14	13	14	13
All	15	15	15	15	14	14	14	14	13

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.10.1 & E.10.2).

Table E.11

Hospital Days Per Patient Year: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

ALL	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	6	6	6	6	5	6	5	6	6
20-29	6	6	6	5	5	5	5	5	5
30-39	7	7	6	6	5	5	5	5	5
40-49	8	8	7	6	6	6	6	6	6
50-59	10	9	9	8	8	7	7	7	7
60-64	8	9	8	9	9	8	8	8	8
65+	9	10	10	8	8	7	9	7	9
0-19	6	6	6	6	5	6	5	6	6
20-44	7	7	6	6	6	5	5	5	5
45-64	9	9	8	8	8	7	7	7	7
65+	9	10	10	8	8	7	9	7	9
Male	9	9	8	7	7	7	7	7	7
Female	9	9	9	8	8	7	8	7	8
White	9	9	8	7	7	7	7	7	7
Black	9	10	10	9	9	8	8	8	9
Other race	7	8	6	6	8	6	7	6	6
†Hispanic						7	7	6	8
†Non-Hispanic						7	7	7	7
All	9	9	9	7	8	7	8	7	8
DIABETES									
0-19	*	*	*	*	*	*	.	.	*
20-29	12	11	10	10	11	11	9	9	11
30-39	12	12	9	9	8	8	9	9	9
40-49	13	13	10	9	9	9	9	8	9
50-59	12	12	12	11	11	9	9	10	9
60-64	10	11	10	10	11	10	9	9	10
65+	13	12	12	10	10	7	9	9	11
0-19	*	*	*	*	*	*	.	.	*
20-44	12	12	10	9	9	9	9	8	9
45-64	12	13	11	10	10	9	9	9	9
65+	13	12	12	10	10	7	9	9	11
Male	13	13	12	10	10	8	9	9	9
Female	12	11	12	10	10	8	9	9	11
White	13	12	11	10	9	8	8	8	10
Black	12	13	13	12	11	9	11	10	11
Other race	10	10	8	8	12	7	8	7	8
†Hispanic						9	8	8	9
†Non-Hispanic						8	9	9	10
All	12	12	12	10	10	8	9	9	10

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

* Values for cells with fewer than 10 patients are suppressed.

." Zero values in this cell.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.11.1 & E.11.2).

Table E.11 (continued)

Hospital Days Per Patient Year: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

HYPERTENSION	1993	1994	1995	1996	1997	1998	1999	2000	2001	
0-19	6	4	8	6	6	4	3	2	3	
20-29	8	6	6	4	5	5	4	3	4	
30-39	6	6	4	5	5	5	4	4	4	
40-49	8	7	5	5	5	5	5	5	6	
50-59	8	7	7	6	6	5	4	6	6	
60-64	7	8	7	8	8	7	6	6	7	
65+	7	9	8	6	8	8	8	6	7	
0-19	6	4	8	6	6	4	3	2	3	
20-44	7	6	5	5	5	5	4	4	5	
45-64	8	7	6	6	6	5	5	6	6	
65+	7	9	8	6	8	8	8	6	7	
Male	8	8	7	6	7	7	7	6	6	
Female	7	8	7	6	8	7	7	6	7	
White	7	8	6	5	7	7	7	6	6	
Black	7	8	8	7	8	7	7	6	7	
Other race	6	7	5	4	5	6	6	5	6	
†Hispanic							5	5	4	5
†Non-Hispanic							7	7	6	7
All	7	8	7	6	7	7	7	6	7	
GLOMERULONEPHRITIS										
0-19	7	7	7	7	5	5	5	7	6	
20-29	5	5	5	4	4	4	4	4	4	
30-39	5	5	4	4	4	3	3	4	4	
40-49	5	5	5	4	5	4	4	5	4	
50-59	6	6	6	5	5	4	4	5	5	
60-64	7	7	5	6	7	5	6	5	6	
65+	7	8	7	7	7	6	6	6	6	
0-19	7	7	7	7	5	5	5	7	6	
20-44	5	5	4	4	4	4	3	4	4	
45-64	6	6	5	5	5	4	4	5	5	
65+	7	8	7	7	7	6	6	6	6	
Male	6	6	5	5	5	4	5	5	5	
Female	7	6	6	6	6	5	5	5	5	
White	6	6	5	5	5	4	5	5	4	
Black	7	8	8	6	7	5	5	6	6	
Other race	4	4	3	3	5	3	4	3	3	
†Hispanic							4	4	4	5
†Non-Hispanic							4	5	5	5
All	6	6	6	5	5	5	5	5	5	

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three. ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.11.1 & E.11.2).

Table E.11 (continued)

Hospital Days Per Patient Year: Transplant Patients, by Primary Diagnosis*period prevalent patients, including all hospitalizations from Part A institutional inpatient claims*

OTHER	1993	1994	1995	1996	1997	1998	1999	2000	2001
0-19	6	5	6	5	5	6	6	6	6
20-29	5	5	5	5	4	5	5	4	5
30-39	6	6	5	5	4	5	5	4	4
40-49	6	5	5	5	5	5	6	5	4
50-59	6	6	6	5	5	5	5	5	5
60-64	7	7	5	6	6	6	6	6	7
65+	7	8	9	6	7	7	10	6	7
0-19	6	5	6	5	5	6	6	6	6
20-44	6	5	5	5	4	5	5	5	4
45-64	6	6	5	5	5	5	5	5	5
65+	7	8	9	6	7	7	10	6	7
Male	7	7	7	5	5	5	7	5	5
Female	6	6	7	6	6	6	8	6	6
White	6	6	6	5	5	5	7	5	5
Black	7	8	9	7	7	7	9	7	7
Other race	5	4	4	3	4	4	7	4	5
†Hispanic						5	6	5	5
†Non-Hispanic						5	7	5	5
All	6	7	7	5	6	6	7	6	6

Overall rates are adjusted for age, gender, race, and primary diagnosis. Rates presented by one of these variables are adjusted for the remaining three.

ESRD cohort from 2001 used as reference.

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

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

†CMS has only started collecting Hispanic ethnicity data as of April, 1995, therefore Hispanic rates in years prior to 1998 have been left blank.

On our website: hospital days per 1,000 patient years, & counts of total hospital days, years at risk, & total patients (Tables E.11.1 & E.11.2).

Table E.12

Total Hospital Discharges

period prevalent patients, by general diagnostic related group & modality

	1998			1999			2000			2001			All
	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All	
ALL													
Nervous	22,495	2,885	25,380	23,314	2,902	26,216	24,235	3,029	27,264	25,928	3,359	29,287	
Eye	289	459	748	294	376	670	392	329	721	340	278	618	
Ear, nose, & throat	1,733	267	2,000	2,086	229	2,315	2,042	236	2,278	1,979	254	2,233	
Respiratory	35,227	1,691	36,918	38,772	1,835	40,607	38,879	2,258	41,137	41,707	2,535	44,242	
Circulatory	101,020	80,035	181,055	108,481	81,095	189,576	115,509	81,985	197,494	127,444	81,612	209,056	
Gastrointestinal	31,662	7,990	39,652	32,213	7,808	40,021	34,007	7,801	41,808	37,005	8,228	45,233	
Hepatic	6,785	2,937	9,722	7,028	3,006	10,034	7,262	3,167	10,429	7,920	3,375	11,295	
Muscular/skeletal	9,440	10,562	20,002	10,514	11,202	21,716	11,140	11,961	23,101	12,355	13,312	25,667	
Skin/breast	6,403	3,115	9,518	7,202	3,261	10,463	8,033	3,348	11,381	8,677	3,602	12,279	
Endocrine	18,401	4,055	22,456	19,713	4,353	24,066	21,200	4,446	25,646	23,756	5,304	29,060	
Renal	50,625	28,573	79,198	53,102	27,876	80,978	57,187	28,378	85,565	61,396	29,554	90,950	
Male reproductive	356	684	1,040	349	706	1,055	420	758	1,178	419	712	1,131	
Female reproductive	391	850	1,241	417	773	1,190	494	881	1,375	498	961	1,459	
Pregnancy	156	81	237	199	82	281	162	91	253	144	68	212	
Hematologic	4,002	252	4,254	4,102	229	4,331	4,503	234	4,737	5,374	266	5,640	
Myeloproliferative	1,379	323	1,702	1,388	334	1,722	1,437	368	1,805	1,564	369	1,933	
Infection	22,236	5,718	27,954	22,220	5,234	27,454	22,116	5,273	27,389	23,770	5,596	29,366	
Psychological	5,303	279	5,582	5,597	275	5,872	5,575	229	5,804	5,526	255	5,781	
Injury/poisoning	6,725	4,632	11,357	7,131	4,550	11,681	7,443	4,484	11,927	7,814	4,802	12,616	
Burns	58	65	123	*	*	*	*	*	*	*	*	*	
Other factors	12,070	1,033	13,103	14,494	1,162	15,656	15,684	1,265	16,949	15,848	1,310	17,158	
Unclassified	*	3,729	3,729	*	4,787	4,787	*	5,068	5,068	*	5,521	5,521	
HIV	1,699	176	1,875	1,907	199	2,106	2,106	210	2,316	2,122	228	2,350	
All	338,455	160,391	498,846	360,523	162,276	522,799	379,826	165,803	545,629	411,586	171,504	583,090	
DIALYSIS													
Nervous	20,088	2,460	22,548	20,819	2,533	23,352	21,540	2,636	24,176	22,962	2,946	25,908	
Eye	231	398	629	233	317	550	310	291	601	280	235	515	
Ear, nose, & throat	1,233	188	1,421	1,448	148	1,596	1,537	158	1,695	1,446	169	1,615	
Respiratory	31,366	1,373	32,739	34,097	1,495	35,592	34,235	1,915	36,150	36,701	2,139	38,840	
Circulatory	93,984	76,279	170,263	101,061	77,265	178,326	107,339	77,898	185,237	118,426	77,538	195,964	
Gastrointestinal	27,921	6,870	34,791	28,138	6,711	34,849	29,479	6,638	36,117	31,913	6,934	38,847	
Hepatic	5,479	2,314	7,793	5,678	2,387	8,065	5,793	2,434	8,227	6,409	2,609	9,018	
Muscular/skeletal	8,145	8,500	16,645	9,025	9,172	18,197	9,717	9,797	19,514	10,661	10,879	21,540	
Skin/breast	5,099	2,626	7,725	5,847	2,774	8,621	6,549	2,847	9,396	7,148	3,046	10,194	
Endocrine	14,749	3,498	18,247	15,792	3,764	19,556	17,054	3,770	20,824	19,184	4,529	23,713	
Renal	39,939	17,878	57,817	42,242	17,433	59,675	45,252	17,484	62,736	48,486	17,812	66,298	
Male reproductive	272	543	815	259	540	799	316	553	869	332	556	888	
Female reproductive	289	601	890	329	527	856	392	600	992	396	670	1,066	
Pregnancy	62	28	90	91	38	129	87	40	127	79	34	113	
Hematologic	3,292	140	3,432	3,373	141	3,514	3,604	125	3,729	4,389	173	4,562	
Myeloproliferative	1,137	247	1,384	1,182	232	1,414	1,196	269	1,465	1,328	252	1,580	
Infection	18,819	5,043	23,862	18,788	4,632	23,420	18,687	4,607	23,294	20,111	4,875	24,986	
Psychological	4,647	270	4,917	4,921	268	5,189	4,784	221	5,005	4,779	240	5,019	
Injury/poisoning	6,152	4,182	10,334	6,449	4,159	10,608	6,659	3,983	10,642	6,972	4,241	11,213	
Burns	47	52	99	*	*	*	*	*	*	*	*	*	
Other factors	10,740	974	11,714	12,976	1,077	14,053	14,081	1,167	15,248	14,092	1,214	15,306	
Unclassified	*	3,239	3,239	*	4,108	4,108	*	4,359	4,359	*	4,734	4,734	
HIV	1,655	173	1,828	1,831	197	2,028	2,056	207	2,263	2,093	222	2,315	
All	295,346	137,876	433,222	314,579	139,920	454,499	330,667	142,002	472,669	358,187	146,049	504,236	

One DRG per discharge.

*Values for cells with fewer than 10 discharges are excluded.

On our website: total hospital discharges, by detailed diagnostic related group (E.12.1).

Table E.12 (continued)

Total Hospital Discharges

period prevalent patients, by general diagnostic related group & modality

HEMODIALYSIS	1998			1999			2000			2001		
	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All
Nervous	16,932	2,100	19,032	17,888	2,237	20,125	18,834	2,332	21,166	20,238	2,621	22,859
Eye	200	354	554	202	272	474	270	268	538	252	213	465
Ear, nose, & throat	1,092	161	1,253	1,285	132	1,417	1,401	150	1,551	1,301	145	1,446
Respiratory	27,975	1,195	29,170	30,829	1,342	32,171	31,207	1,739	32,946	33,833	1,986	35,819
Circulatory	82,592	69,312	151,904	90,519	71,144	161,663	97,125	72,127	169,252	108,541	72,303	180,844
Gastrointestinal	21,422	5,189	26,611	22,590	5,306	27,896	24,049	5,348	29,397	26,575	5,685	32,260
Hepatic	4,579	1,954	6,533	4,970	2,063	7,033	5,059	2,111	7,170	5,625	2,305	7,930
Muscular/skeletal	7,302	7,553	14,855	8,191	8,308	16,499	8,858	8,950	17,808	9,824	9,966	19,790
Skin/breast	4,514	2,313	6,827	5,230	2,476	7,706	5,874	2,537	8,411	6,479	2,789	9,268
Endocrine	11,921	3,071	14,992	13,218	3,294	16,512	14,502	3,381	17,883	16,558	4,074	20,632
Renal	33,449	14,301	47,750	36,138	14,195	50,333	39,059	14,567	53,626	42,459	15,165	57,624
Male reproductive	221	461	682	223	468	691	279	485	764	296	508	804
Female reproductive	238	484	722	279	452	731	333	516	849	344	575	919
Pregnancy	54	25	79	85	35	120	81	37	118	73	30	103
Hematologic	2,730	126	2,856	2,835	126	2,961	3,071	107	3,178	3,783	162	3,945
Myeloproliferative	949	218	1,167	982	200	1,182	1,020	230	1,250	1,122	221	1,343
Infection	16,340	4,444	20,784	16,700	4,104	20,804	16,763	4,115	20,878	18,076	4,412	22,488
Psychological	4,136	236	4,372	4,477	231	4,708	4,355	206	4,561	4,396	218	4,614
Injury/poisoning	3,156	1,931	5,087	3,471	2,000	5,471	3,772	2,045	5,817	4,208	2,305	6,513
Burns	42	48	90	*	*	*	*	*	*	*	*	*
Other factors	9,216	840	10,056	11,298	937	12,235	12,360	1,011	13,371	12,465	1,079	13,544
Unclassified	*	2,692	2,692	*	3,462	3,462	*	3,755	3,755	*	4,124	4,124
HIV	1,453	143	1,596	1,612	163	1,775	1,876	181	2,057	1,946	203	2,149
All	250,513	119,151	369,664	273,022	122,949	395,971	290,148	126,201	416,349	318,394	131,091	449,485
PERITONEAL DIALYSIS												
Nervous	2,287	243	2,530	2,010	206	2,216	1,854	225	2,079	1,884	232	2,116
Eye	23	31	54	23	29	52	27	20	47	22	15	37
Ear, nose, & throat	107	20	127	120	12	132	100	*	104	113	15	128
Respiratory	1,989	96	2,085	1,883	84	1,967	1,694	103	1,797	1,595	88	1,683
Circulatory	6,418	4,005	10,423	5,629	3,480	9,109	5,514	3,312	8,826	5,511	3,126	8,637
Gastrointestinal	5,400	1,296	6,696	4,425	1,063	5,488	4,339	1,001	5,340	4,264	962	5,226
Hepatic	664	280	944	502	241	743	514	245	759	546	216	762
Muscular/skeletal	568	681	1,249	539	603	1,142	523	579	1,102	527	648	1,175
Skin/breast	407	222	629	398	208	606	425	233	658	445	168	613
Endocrine	2,161	301	2,462	1,875	337	2,212	1,883	271	2,154	1,963	338	2,301
Renal	3,037	1,277	4,314	2,630	1,161	3,791	2,569	1,074	3,643	2,646	1,017	3,663
Male reproductive	38	46	84	26	44	70	27	38	65	27	31	58
Female reproductive	40	89	129	40	62	102	40	69	109	35	73	108
Pregnancy	*	*	*	*	*	*	*	*	*	*	*	10
Hematologic	376	12	388	355	11	366	336	10	346	424	*	432
Myeloproliferative	49	10	59	57	*	62	67	17	84	46	10	56
Infection	1,607	383	1,990	1,248	314	1,562	1,138	311	1,449	1,196	299	1,495
Psychological	358	20	378	266	26	292	269	*	276	251	15	266
Injury/poisoning	2,682	1,987	4,669	2,631	1,894	4,525	2,533	1,680	4,213	2,431	1,685	4,116
Burns	*	*	*	*	*	*	*	*	*	*	*	*
Other factors	974	72	1,046	940	69	1,009	991	80	1,071	995	66	1,061
Unclassified	*	356	356	*	396	396	*	379	379	*	397	397
HIV	144	17	161	149	13	162	123	12	135	91	12	103
All	29,336	11,449	40,785	25,752	10,261	36,013	24,972	9,672	34,644	25,018	9,425	34,443

One DRG per discharge.

*Values for cells with fewer than 10 discharges are excluded.

On our website: total hospital discharges, by detailed diagnostic related group (E.12.1).

Table E.12 (continued)

Total Hospital Discharges*period prevalent patients, by general diagnostic related group & modality*

TRANSPLANT	1998			1999			2000			2001		
	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All	Medical	Procedure	All
Nervous	1,933	326	2,259	1,911	283	2,194	2,149	325	2,474	2,353	338	2,691
Eye	41	52	93	51	48	99	63	35	98	42	35	77
Ear, nose, & throat	430	70	500	545	67	612	433	68	501	443	69	512
Respiratory	3,127	242	3,369	3,698	268	3,966	3,665	277	3,942	3,937	313	4,250
Circulatory	5,125	2,848	7,973	5,248	2,779	8,027	5,781	2,909	8,690	6,280	2,835	9,115
Gastrointestinal	2,786	844	3,630	3,028	801	3,829	3,395	864	4,259	3,791	962	4,753
Hepatic	1,046	484	1,530	1,085	491	1,576	1,192	567	1,759	1,208	600	1,808
Muscular/skeletal	1,071	1,809	2,880	1,196	1,710	2,906	1,175	1,835	3,010	1,361	2,043	3,404
Skin/breast	1,137	419	1,556	1,174	434	1,608	1,286	432	1,718	1,307	478	1,785
Endocrine	2,855	473	3,328	3,048	501	3,549	3,177	578	3,755	3,447	642	4,089
Renal	7,402	2,467	9,869	7,730	2,499	10,229	8,592	2,663	11,255	9,324	2,811	12,135
Male reproductive	62	99	161	67	116	183	73	148	221	59	105	164
Female reproductive	88	220	308	65	208	273	86	246	332	74	242	316
Pregnancy	82	49	131	95	36	131	67	41	108	56	27	83
Hematologic	485	39	524	497	40	537	625	57	682	669	50	719
Myeloproliferative	206	67	273	174	92	266	220	84	304	199	106	305
Infection	2,549	450	2,999	2,560	408	2,968	2,556	409	2,965	2,688	476	3,164
Psychological	472	*	477	496	*	500	573	*	578	538	10	548
Injury/poisoning	382	248	630	443	211	654	495	254	749	513	321	834
Burns	11	11	22	*	*	*	*	*	*	*	*	*
Other factors	984	44	1,028	1,129	58	1,187	1,172	74	1,246	1,272	68	1,340
Unclassified	*	360	360	*	499	499	*	542	542	*	585	585
HIV	*	*	*	*	*	*	*	*	*	*	*	10
All	32,281	11,626	43,907	34,245	11,553	45,798	36,775	12,413	49,188	39,567	13,120	52,687

One DRG per discharge.

*Values for cells with fewer than 10 discharges are excluded.

On our website: total hospital discharges, by detailed diagnostic related group (E.12.1).