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economic costs of esrd



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Table K.1
Medicare Payments (\$) for ESRD Patients: by Claim Type

	1996	1997	1998	1999	2000
Patients	285,428	302,831	316,189	329,645	345,349
Patient years at risk	239,227	252,988	263,862	275,230	288,876
Total Medicare	10,267,894,818	11,005,678,254	11,192,345,630	11,639,264,854	12,366,169,510
Total inpatient	4,056,192,835	4,358,715,975	4,422,378,357	4,687,729,072	4,764,425,556
Medical DRG	1,573,433,121	1,766,149,912	1,907,308,408	2,098,168,878	2,161,069,769
Surgical DRG	2,121,666,273	2,215,405,258	2,154,353,816	2,226,042,128	2,229,453,577
Other DRG	27,235,562	33,690,405	41,276,119	46,647,586	45,948,944
Transplant DRG	196,531,090	190,838,869	178,656,310	177,625,628	181,836,106
Non-transplant pass-throughs	129,714,790	144,677,976	134,196,134	133,469,152	140,686,434
Transplant pass-throughs	7,611,999	7,953,554	6,587,570	5,775,701	5,430,728
Total outpatient	3,651,679,351	3,879,734,934	4,051,292,862	4,408,467,753	4,696,963,632
Outpatient hemodialysis	1,962,858,344	2,098,892,890	2,167,340,877	2,310,837,741	2,461,236,229
Outpatient peritoneal dialysis	242,041,802	222,840,809	176,901,630	158,977,157	149,781,921
Outpatient other dialysis	373,851	400,684	440,588	707,888	685,479
Outpatient EPO	702,255,737	735,839,151	843,861,371	1,006,600,978	1,082,831,294
Outpatient vitamin D hormones	115,718,803	131,248,936	141,466,848	144,762,401	251,194,882
Outpatient iron	85,291,109	121,754,246	133,392,774	142,532,544	149,701,290
Outpatient other injectables	25,333,772	32,306,957	48,023,133	61,532,058	78,554,881
Radiology	69,274,216	74,096,936	75,715,636	79,574,906	71,932,571
Pharmacy	63,997,198	66,718,148	78,231,948	112,079,222	66,276,834
Ambulance	5,575,447	6,546,924	6,596,953	6,513,622	7,268,540
Laboratory/pathology	107,955,048	109,848,787	103,283,152	101,658,936	104,455,613
Outpatient other	271,004,024	279,240,465	276,037,953	282,690,300	273,044,098
Skilled nursing facility	228,374,915	285,348,794	311,308,938	262,456,505	292,494,321
Home health agency	349,636,858	381,848,357	265,233,441	81,076,029	216,607,850
Hospice	10,109,893	12,201,283	13,642,603	16,637,513	19,715,375
Total physician/supplier	1,971,900,966	2,087,828,911	2,128,489,430	2,182,897,983	2,375,962,776
Transplant surgery	19,190,861	19,018,995	17,799,567	16,849,203	17,024,780
Inpatient surgery	125,156,243	128,175,251	121,782,692	114,416,127	125,581,417
Outpatient surgery	78,192,470	82,921,761	83,062,807	82,371,098	94,746,497
E&M nephrology inpatient	71,519,865	76,911,103	84,352,472	87,943,174	90,394,966
E&M nephrology outpatient	11,086,094	11,622,606	11,700,944	12,381,904	13,783,573
E&M non-nephrology inpatient	169,640,962	193,029,859	213,794,360	232,670,676	251,719,840
E&M non-nephrology outpatient	70,159,434	81,011,781	88,500,801	98,020,704	116,651,494
Dialysis capitation	328,545,306	288,897,437	302,741,821	316,202,558	362,133,451
Inpatient dialysis	110,376,986	104,417,226	106,617,407	103,153,479	95,389,466
Home dialysis	131,856,420	135,415,834	135,476,913	130,054,967	135,690,203
Vascular access	163,466,350	173,996,332	179,266,119	189,425,613	182,551,507
Peritoneal access	5,528,496	4,956,440	4,244,853	3,863,422	3,720,924
Physician/supplier EPO	1,572,605	1,540,824	1,550,288	1,712,110	2,696,482
Physician/supplier iron	85,878	96,363	57,186	45,255	45,601
Immunosuppressive drugs	31,724,771	41,964,162	47,071,907	47,953,196	75,455,798
Durable medical equipment	73,592,105	86,514,651	89,010,970	93,471,034	82,621,033
Physician/supplier radiology	48,611,747	49,203,450	57,672,318	61,042,532	69,634,376
Physician/supplier lab/pathology	205,970,811	211,388,582	176,025,812	171,876,832	183,425,080
Physician/supplier ambulance	187,102,721	197,444,680	196,687,510	181,293,818	209,529,990
Other physician/supplier	138,520,842	199,301,575	211,072,683	238,150,280	263,166,298

Includes all Medicare payments starting on date of first ESRD service.
 Medicare hospital pass-through payments for indirect medical education, organ acquisition, etc. are included.

Table K.2

Medicare Payments (\$) for ESRD Patients: by Medicare Secondary Payor Status

period prevalent patients, 1996-2000 combined, as-treated model

	All	Never MSP in period	MSP during period	MSP entire period
Modality periods	658,216	562,811	80,225	15,180
Patient years at risk	1,203,459	1,014,706	165,748	23,005
Total Medicare	49,640,902,714	46,722,258,717	2,828,421,026	90,222,971
Total inpatient	18,451,618,571	17,203,685,530	1,194,036,758	53,896,282
Medical DRG	7,855,740,149	7,372,054,064	462,501,368	21,184,717
Surgical DRG	8,965,382,733	8,393,648,979	547,246,593	24,487,161
Other DRG	168,917,589	158,203,596	10,120,121	593,872
Transplant DRG	875,806,257	736,788,845	133,573,983	5,443,429
Non-transplant pass-throughs	554,106,604	516,399,963	35,742,397	1,964,245
Transplant pass-throughs	31,665,238	26,590,083	4,852,297	222,858
Total outpatient	19,340,990,845	18,384,789,722	949,553,702	6,647,421
Outpatient hemodialysis	10,347,115,862	9,895,094,062	451,405,015	616,784
Outpatient peritoneal dialysis	878,232,220	802,925,534	74,993,449	313,236
Outpatient other dialysis	2,223,210	2,117,458	105,709	43
Outpatient EPO	4,095,223,032	3,892,203,780	202,761,542	257,709
Outpatient vitamin D hormones	740,703,950	707,731,993	32,936,134	35,822
Outpatient iron	593,599,725	566,845,687	26,722,030	32,007
Outpatient other injectables	228,048,402	215,849,998	12,133,971	64,434
Radiology	340,574,089	320,352,825	19,510,012	711,251
Pharmacy	357,658,895	335,761,570	21,368,482	528,843
Ambulance	27,726,993	26,283,053	1,382,387	61,553
Laboratory/pathology	476,457,210	437,340,959	37,316,054	1,800,197
Outpatient other	1,253,427,259	1,182,282,801	68,918,916	2,225,542
Skilled nursing facility	1,149,267,647	1,103,374,406	43,471,015	2,422,227
Home health agency	1,156,043,639	1,110,168,406	42,601,989	3,273,244
Hospice	48,909,082	46,214,981	2,196,580	497,522
Total physician/supplier	9,494,072,930	8,874,025,672	596,560,983	23,486,275
Transplant surgery	85,876,639	70,987,460	14,152,557	736,621
Inpatient surgery	525,712,957	488,502,373	35,308,799	1,901,785
Outpatient surgery	383,536,001	352,228,498	29,382,294	1,925,209
E&M nephrology inpatient	339,723,218	318,346,208	20,521,875	855,135
E&M nephrology outpatient	53,067,194	45,548,933	6,940,716	577,546
E&M non-nephrology inpatient	839,988,503	786,553,023	50,852,997	2,582,483
E&M non-nephrology outpatient	402,006,489	369,979,541	30,026,688	2,000,261
Dialysis capitation	1,502,118,325	1,424,627,884	76,191,697	1,298,744
Inpatient dialysis	428,197,966	406,905,714	20,806,441	485,811
Home dialysis	610,107,743	554,962,456	54,772,631	372,655
Vascular access	752,913,335	713,918,037	37,962,181	1,033,117
Peritoneal access	17,603,593	15,789,977	1,709,848	103,768
Physician/supplier EPO	5,823,196	5,092,075	655,017	76,103
Physician/supplier iron	271,760	247,250	22,962	1,548
Immunosuppressive drugs	228,873,616	189,290,155	38,214,002	1,369,459
Durable medical equipment	385,930,636	359,947,507	24,812,953	1,170,176
Physician/supplier radiology	247,660,934	228,291,068	18,363,621	1,006,245
Physician/supplier lab/pathology	869,772,018	822,918,122	45,472,634	1,381,262
Physician/supplier ambulance	885,156,325	858,131,518	25,960,930	1,063,878
Other physician/supplier	929,732,483	861,757,872	64,430,142	3,544,469

Patients of unknown age are excluded.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Table K.3

Medicare Payments (\$) for Non-MSP ESRD Patients: by Modality*period prevalent patients, 1996-2000 combined, as-treated model*

	All ESRD	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Modality periods	562,811	390,313	63,422	38,051	71,025
Patient years at risk	1,014,706	703,598	80,104	5,884	225,120
Total Medicare	46,722,258,717	38,639,546,008	3,694,521,544	510,087,772	3,878,103,392
Total inpatient	17,203,685,530	13,046,004,537	1,393,846,746	248,536,606	2,515,297,642
Medical DRG	7,372,054,064	5,760,537,870	648,561,417	115,562,508	847,392,269
Surgical DRG	8,393,648,979	6,778,838,954	688,351,708	125,161,084	801,297,234
Other DRG	158,203,596	125,711,643	9,397,595	1,530,539	21,563,819
Transplant DRG	736,788,845	0	0	0	736,788,845
Non-transplant pass-throughs	516,399,963	380,916,070	47,536,026	6,282,475	81,665,392
Transplant pass-throughs	26,590,083	0	0	0	26,590,083
Total outpatient	18,384,789,722	16,869,083,511	1,103,307,267	104,680,557	307,718,388
Outpatient hemodialysis	9,895,094,062	9,790,936,823	46,985,261	35,414,228	21,757,750
Outpatient peritoneal dialysis	802,925,534	32,435,758	743,806,726	23,858,673	2,824,377
Outpatient other dialysis	2,117,458	1,777,820	81,824	208,581	49,234
Outpatient EPO	3,892,203,780	3,683,023,096	177,014,204	20,978,352	11,188,128
Outpatient vitamin D hormones	707,731,993	702,156,365	2,309,206	2,045,910	1,220,511
Outpatient iron	566,845,687	555,972,015	6,479,814	3,001,034	1,392,824
Outpatient other injectables	215,849,998	202,849,993	7,016,090	1,499,514	4,484,401
Radiology	320,352,825	275,443,826	14,510,425	1,822,334	28,576,240
Pharmacy	335,761,570	284,237,817	12,000,938	2,273,470	37,249,345
Ambulance	26,283,053	21,988,156	1,807,961	388,849	2,098,087
Laboratory/pathology	437,340,959	292,606,863	34,925,964	3,599,745	106,208,387
Outpatient other	1,182,282,801	1,025,654,978	56,368,854	9,589,866	90,669,103
Skilled nursing facility	1,103,374,406	963,300,998	61,867,108	31,137,586	47,068,713
Home health agency	1,110,168,406	914,891,859	85,759,732	16,008,356	93,508,459
Hospice	46,214,981	37,645,888	3,694,867	1,319,694	3,554,532
Total physician/supplier	8,874,025,672	6,808,619,215	1,046,045,825	108,404,973	910,955,659
Transplant surgery	70,987,460	4,504,095	686,310	70,580	65,726,476
Inpatient surgery	488,502,373	375,861,147	42,520,803	5,951,167	64,169,256
Outpatient surgery	352,228,498	262,013,336	25,739,281	2,314,303	62,161,579
E&M nephrology inpatient	318,346,208	249,004,138	25,964,997	4,889,432	38,487,641
E&M nephrology outpatient	45,548,933	14,995,830	2,488,105	249,313	27,815,686
E&M non-nephrology inpatient	786,553,023	625,459,675	63,282,554	14,441,281	83,369,513
E&M non-nephrology outpatient	369,979,541	275,868,162	29,269,347	3,040,000	61,802,032
Dialysis capitation	1,424,627,884	1,269,093,888	144,140,271	8,272,686	3,121,040
Inpatient dialysis	406,905,714	342,812,263	47,190,355	8,434,500	8,468,596
Home dialysis	554,962,456	70,658,418	455,373,238	25,754,009	3,176,791
Vascular access	713,918,037	675,354,327	18,589,766	7,154,987	12,818,957
Peritoneal access	15,789,977	7,090,917	6,558,712	609,991	1,530,356
Physician/supplier EPO	5,092,075	1,420,604	758,068	45,532	2,867,872
Physician/supplier iron	247,250	91,327	97,784	6,385	51,754
Immunosuppressive drugs	189,290,155	790,120	98,443	10,605	188,390,986
Durable medical equipment	359,947,507	265,298,797	18,390,943	3,195,826	73,061,940
Physician/supplier radiology	228,291,068	170,090,726	18,992,705	2,233,612	36,974,025
Physician/supplier lab/pathology	822,918,122	694,521,900	62,752,451	5,577,329	60,066,442
Physician/supplier ambulance	858,131,518	817,767,491	17,848,975	8,456,798	14,058,255
Other physician/supplier	861,757,872	685,922,055	65,302,719	7,696,636	102,836,643

Patients of unknown age are excluded.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Table K.4

Medicare Payments (\$) per Patient Year at Risk: All Patients

period prevalent patients, 1996-2000 combined, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	1,014,706	789,586	703,598	80,104	5,884	225,120
Total Medicare	46,045	54,262	54,917	46,121	86,693	17,227
Total inpatient	16,954	18,603	18,542	17,400	42,241	11,173
Medical DRG	7,265	8,263	8,187	8,096	19,641	3,764
Surgical DRG	8,272	9,616	9,635	8,593	21,272	3,559
Other DRG	156	173	179	117	260	96
Transplant DRG	726	0	0	0	0	3,273
Non-transplant pass-throughs	509	551	541	593	1,068	363
Transplant pass-throughs	26	0	0	0	0	118
Total outpatient	18,118	22,894	23,975	13,773	17,791	1,367
Outpatient hemodialysis	9,752	12,504	13,916	587	6,019	97
Outpatient peritoneal dialysis	791	1,013	46	9,285	4,055	13
Outpatient other dialysis	2	3	3	1	35	0
Outpatient EPO	3,836	4,915	5,235	2,210	3,565	50
Outpatient vitamin D hormones	697	895	998	29	348	5
Outpatient iron	559	716	790	81	510	6
Outpatient other injectables	213	268	288	88	255	20
Radiology	316	370	391	181	310	127
Pharmacy	331	378	404	150	386	165
Ambulance	26	31	31	23	66	9
Laboratory/pathology	431	419	416	436	612	472
Outpatient other	1,165	1,383	1,458	704	1,630	403
Skilled nursing facility	1,087	1,338	1,369	772	5,292	209
Home health agency	1,094	1,288	1,300	1,071	2,721	415
Hospice	46	54	54	46	224	16
Total physician/supplier	8,745	10,085	9,677	13,059	18,424	4,047
Transplant surgery	70	7	6	9	12	292
Inpatient surgery	481	537	534	531	1,011	285
Outpatient surgery	347	367	372	321	393	276
E&M nephrology inpatient	314	354	354	324	831	171
E&M nephrology outpatient	45	22	21	31	42	124
E&M non-nephrology inpatient	775	891	889	790	2,454	370
E&M non-nephrology outpatient	365	390	392	365	517	275
Dialysis capitation	1,404	1,800	1,804	1,799	1,406	14
Inpatient dialysis	401	505	487	589	1,434	38
Home dialysis	547	699	100	5,685	4,377	14
Vascular access	704	888	960	232	1,216	57
Peritoneal access	16	18	10	82	104	7
Physician/supplier EPO	5	3	2	9	8	13
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	187	1	1	1	2	837
Durable medical equipment	355	363	377	230	543	325
Physician/supplier radiology	225	242	242	237	380	164
Physician/supplier lab/pathology	811	966	987	783	948	267
Physician/supplier ambulance	846	1,069	1,162	223	1,437	62
Other physician/supplier	849	961	975	815	1,308	457

Patients of unknown age are excluded.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Table K.5

Medicare Payments (\$) per Patient Year at Risk: Patients Aged 0-19*period prevalent patients, 1996-2000 combined, as-treated model, never msp period*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	14,576	4,921	3,152	1,640	129	9,655
Total Medicare	25,136	47,281	48,752	43,799	55,632	13,849
Total inpatient	12,441	17,693	17,263	17,714	27,955	9,765
Medical DRG	5,611	8,852	8,292	9,347	16,267	3,959
Surgical DRG	4,153	8,108	8,211	7,696	10,833	2,137
Other DRG	122	178	221	108	0	94
Transplant DRG	2,134	0	0	0	0	3,221
Non-transplant pass-throughs	360	555	539	562	854	260
Transplant pass-throughs	62	0	0	0	0	94
Total outpatient	7,819	20,420	24,167	14,103	9,173	1,397
Outpatient hemodialysis	3,132	9,083	13,891	482	943	99
Outpatient peritoneal dialysis	1,261	3,670	153	10,308	5,197	33
Outpatient other dialysis	2	2	1	3	0	1
Outpatient EPO	1,241	3,589	4,878	1,331	792	44
Outpatient vitamin D hormones	235	686	1,056	28	23	5
Outpatient iron	135	389	584	40	69	5
Outpatient other injectables	91	233	334	54	46	19
Radiology	157	292	363	163	194	89
Pharmacy	272	437	585	174	170	188
Ambulance	17	29	20	45	23	11
Laboratory/pathology	670	883	916	818	905	562
Outpatient other	607	1,128	1,386	657	812	341
Skilled nursing facility	24	62	79	32	15	5
Home health agency	98	160	143	185	253	67
Hospice	2	4	3	6	0	1
Total physician/supplier	4,751	8,942	7,096	11,759	18,236	2,615
Transplant surgery	224	47	49	44	46	314
Inpatient surgery	215	315	324	293	384	165
Outpatient surgery	95	136	150	111	126	73
E&M nephrology inpatient	126	206	226	171	160	86
E&M nephrology outpatient	55	25	23	28	61	70
E&M non-nephrology inpatient	386	519	510	516	782	318
E&M non-nephrology outpatient	244	268	271	262	283	232
Dialysis capitation	693	2,016	1,961	2,117	2,050	19
Inpatient dialysis	211	551	517	575	1,052	38
Home dialysis	915	2,623	414	6,171	11,514	44
Vascular access	232	590	835	151	199	50
Peritoneal access	28	57	25	115	101	14
Physician/supplier EPO	3	3	2	3	4	3
Physician/supplier iron	0	0	0	0	0	0
Immunosuppressive drugs	386	5	6	2	5	580
Durable medical equipment	171	154	134	178	353	180
Physician/supplier radiology	99	142	152	121	143	77
Physician/supplier lab/pathology	292	575	696	369	233	148
Physician/supplier ambulance	76	170	221	77	120	27
Other physician/supplier	299	540	581	453	620	177

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.6
Medicare Payments (\$) per Patient Year at Risk: Patients Aged 20-44
period prevalent patients, 1996-2000 combined, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	241,597	143,044	120,500	21,813	730	98,554
Total Medicare	34,984	48,183	49,252	41,761	63,700	15,825
Total inpatient	13,746	16,129	16,234	15,078	30,182	10,289
Medical DRG	5,609	7,143	7,080	7,292	13,190	3,382
Surgical DRG	6,124	8,253	8,409	7,141	15,871	3,034
Other DRG	186	246	269	120	282	98
Transplant DRG	1,360	0	0	0	0	3,335
Non-transplant pass-throughs	418	486	477	525	839	321
Transplant pass-throughs	49	0	0	0	0	119
Total outpatient	14,008	22,715	24,370	13,804	15,782	1,371
Outpatient hemodialysis	7,041	11,815	13,891	612	3,899	112
Outpatient peritoneal dialysis	893	1,498	75	9,237	5,114	16
Outpatient other dialysis	2	3	3	1	41	0
Outpatient EPO	3,001	5,029	5,531	2,313	3,208	59
Outpatient vitamin D hormones	568	955	1,125	35	254	6
Outpatient iron	393	660	766	85	306	7
Outpatient other injectables	159	252	282	88	250	23
Radiology	244	338	370	164	265	107
Pharmacy	314	403	449	150	315	184
Ambulance	17	23	24	19	34	8
Laboratory/pathology	440	416	412	431	666	473
Outpatient other	936	1,323	1,440	668	1,430	374
Skilled nursing facility	237	334	349	227	1,129	97
Home health agency	380	461	460	451	813	262
Hospice	9	12	12	10	25	5
Total physician/supplier	6,603	8,533	7,827	12,191	15,768	3,802
Transplant surgery	135	18	18	17	47	305
Inpatient surgery	340	407	408	394	601	243
Outpatient surgery	236	266	272	230	330	193
E&M nephrology inpatient	233	289	289	281	568	151
E&M nephrology outpatient	62	24	22	31	43	117
E&M non-nephrology inpatient	467	589	587	570	1,373	291
E&M non-nephrology outpatient	306	352	354	338	397	239
Dialysis capitation	1,083	1,818	1,821	1,812	1,418	16
Inpatient dialysis	254	404	387	476	1,083	35
Home dialysis	623	1,041	142	5,835	6,217	17
Vascular access	516	829	941	216	807	62
Peritoneal access	18	26	15	84	105	8
Physician/supplier EPO	6	2	1	6	4	13
Physician/supplier iron	0	0	0	1	0	0
Immunosuppressive drugs	387	3	3	3	11	945
Durable medical equipment	247	185	192	140	329	338
Physician/supplier radiology	171	197	197	195	268	133
Physician/supplier lab/pathology	660	945	978	766	750	247
Physician/supplier ambulance	240	370	408	156	530	52
Other physician/supplier	617	769	791	640	887	398

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.7

Medicare Payments (\$) per Patient Year at Risk: Patients Aged 45-64*period prevalent patients, 1996-2000 combined, as-treated model, never msp in period*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	361,381	267,073	237,004	28,642	1,426	94,308
Total Medicare	44,185	53,428	54,043	47,163	77,101	18,010
Total inpatient	16,704	18,494	18,396	18,378	37,190	11,632
Medical DRG	6,719	7,717	7,631	8,034	15,601	3,896
Surgical DRG	8,476	10,061	10,053	9,612	20,282	3,987
Other DRG	147	168	174	112	313	88
Transplant DRG	823	0	0	0	0	3,155
Non-transplant pass-throughs	508	549	538	619	995	390
Transplant pass-throughs	30	0	0	0	0	116
Total outpatient	17,360	23,017	24,164	13,844	16,618	1,338
Outpatient hemodialysis	9,243	12,477	13,954	620	5,131	87
Outpatient peritoneal dialysis	784	1,058	49	9,250	4,206	9
Outpatient other dialysis	2	3	3	1	33	0
Outpatient EPO	3,730	5,032	5,373	2,291	3,482	44
Outpatient vitamin D hormones	701	947	1,062	32	321	5
Outpatient iron	517	698	774	84	438	6
Outpatient other injectables	200	265	286	94	229	17
Radiology	306	366	389	180	293	137
Pharmacy	325	386	415	147	353	152
Ambulance	24	29	30	21	62	10
Laboratory/pathology	401	382	380	395	533	453
Outpatient other	1,125	1,375	1,452	729	1,538	418
Skilled nursing facility	756	927	943	668	3,338	272
Home health agency	996	1,156	1,156	1,101	2,223	544
Hospice	26	28	27	36	86	19
Total physician/supplier	8,344	9,805	9,356	13,136	17,646	4,206
Transplant surgery	76	7	7	7	15	272
Inpatient surgery	496	561	556	588	936	313
Outpatient surgery	369	387	392	347	388	317
E&M nephrology inpatient	298	338	336	336	730	186
E&M nephrology outpatient	50	23	21	31	36	129
E&M non-nephrology inpatient	699	801	793	804	1,981	412
E&M non-nephrology outpatient	351	372	373	358	433	291
Dialysis capitation	1,332	1,798	1,804	1,768	1,370	12
Inpatient dialysis	365	479	460	600	1,331	40
Home dialysis	535	720	106	5,577	5,291	10
Vascular access	648	858	931	245	1,035	54
Peritoneal access	15	18	10	83	95	6
Physician/supplier EPO	5	2	2	8	5	14
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	204	1	1	1	1	780
Durable medical equipment	350	358	372	236	469	327
Physician/supplier radiology	225	240	239	244	333	182
Physician/supplier lab/pathology	790	971	992	801	841	277
Physician/supplier ambulance	644	847	922	218	1,057	69
Other physician/supplier	891	1,023	1,038	882	1,297	516

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.8
Medicare Payments (\$) per Patient Year at Risk: Patients Aged 65-74
period prevalent patients, 1996-2000 combined, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	251,492	230,311	208,530	19,722	2,059	21,182
Total Medicare	53,850	56,818	57,245	48,802	90,327	21,581
Total inpatient	19,121	19,613	19,473	18,541	44,110	13,777
Medical DRG	8,397	8,730	8,635	8,557	19,961	4,781
Surgical DRG	9,701	10,159	10,122	9,234	22,788	4,724
Other DRG	147	149	151	122	262	122
Transplant DRG	298	0	0	0	0	3,544
Non-transplant pass-throughs	566	575	565	627	1,100	474
Transplant pass-throughs	11	0	0	0	0	132
Total outpatient	21,183	22,996	23,912	13,748	18,760	1,476
Outpatient hemodialysis	11,660	12,726	13,939	556	6,455	69
Outpatient peritoneal dialysis	796	868	38	9,294	4,192	6
Outpatient other dialysis	2	3	2	1	48	0
Outpatient EPO	4,482	4,890	5,160	2,166	3,716	37
Outpatient vitamin D hormones	775	846	929	23	364	3
Outpatient iron	680	743	807	79	562	5
Outpatient other injectables	247	268	285	83	251	19
Radiology	376	394	412	202	330	185
Pharmacy	346	366	385	149	430	136
Ambulance	30	32	32	24	68	11
Laboratory/pathology	442	436	432	453	626	511
Outpatient other	1,346	1,425	1,489	718	1,719	492
Skilled nursing facility	1,580	1,680	1,692	1,189	5,190	493
Home health agency	1,574	1,655	1,659	1,468	3,102	695
Hospice	66	66	65	65	213	55
Total physician/supplier	10,326	10,808	10,445	13,790	18,951	5,084
Transplant surgery	28	2	2	2	4	313
Inpatient surgery	587	603	596	626	1,150	409
Outpatient surgery	424	412	414	395	454	550
E&M nephrology inpatient	371	384	382	351	877	230
E&M nephrology outpatient	33	22	21	31	46	152
E&M non-nephrology inpatient	995	1,035	1,026	958	2,641	563
E&M non-nephrology outpatient	414	418	418	402	556	377
Dialysis capitation	1,650	1,801	1,804	1,807	1,438	9
Inpatient dialysis	507	550	531	659	1,463	40
Home dialysis	544	594	83	5,652	3,885	6
Vascular access	848	921	981	242	1,313	52
Peritoneal access	15	16	9	77	117	5
Physician/supplier EPO	4	4	3	13	9	12
Physician/supplier iron	0	0	0	2	1	0
Immunosuppressive drugs	62	1	1	0	0	731
Durable medical equipment	430	440	452	290	604	327
Physician/supplier radiology	268	269	267	274	422	265
Physician/supplier lab/pathology	930	982	998	810	1,037	360
Physician/supplier ambulance	1,217	1,320	1,419	260	1,489	93
Other physician/supplier	998	1,036	1,041	938	1,444	588

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.9

Medicare Payments (\$) per Patient Year at Risk: Patients Aged 75+*period prevalent patients, 1996-2000 combined, as-treated model, never msp in period*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	145,660	144,238	134,412	8,286	1,540	1,422
Total Medicare	57,623	57,989	58,070	48,079	104,212	20,513
Total inpatient	19,607	19,674	19,454	17,359	51,327	12,813
Medical DRG	9,577	9,622	9,464	9,084	26,292	5,031
Surgical DRG	9,273	9,326	9,272	7,547	23,596	3,922
Other DRG	147	147	148	120	221	116
Transplant DRG	31	0	0	0	0	3,133
Non-transplant pass-throughs	578	579	570	610	1,218	489
Transplant pass-throughs	1	0	0	0	0	121
Total outpatient	22,557	22,767	23,382	13,444	19,255	1,237
Outpatient hemodialysis	12,876	13,002	13,834	499	7,687	61
Outpatient peritoneal dialysis	586	591	25	9,312	3,135	13
Outpatient other dialysis	2	2	2	1	22	0
Outpatient EPO	4,626	4,671	4,849	1,936	3,842	30
Outpatient vitamin D hormones	815	823	877	17	423	3
Outpatient iron	768	775	820	71	641	2
Outpatient other injectables	286	289	302	81	304	11
Radiology	369	371	383	185	328	176
Pharmacy	354	357	369	154	411	71
Ambulance	39	39	39	29	87	9
Laboratory/pathology	448	449	445	474	616	382
Outpatient other	1,389	1,398	1,437	685	1,760	478
Skilled nursing facility	2,576	2,592	2,564	1,723	9,652	999
Home health agency	1,792	1,803	1,779	1,825	3,782	704
Hospice	125	125	120	139	481	61
Total physician/supplier	10,966	11,028	10,770	13,589	19,715	4,700
Transplant surgery	3	1	1	0	1	256
Inpatient surgery	523	525	519	514	1,143	349
Outpatient surgery	370	367	368	337	369	696
E&M nephrology inpatient	407	408	404	364	1,043	214
E&M nephrology outpatient	23	22	21	33	43	135
E&M non-nephrology inpatient	1,134	1,140	1,125	977	3,296	597
E&M non-nephrology outpatient	422	423	422	396	618	396
Dialysis capitation	1,763	1,780	1,784	1,794	1,337	6
Inpatient dialysis	572	577	557	688	1,687	32
Home dialysis	418	422	74	5,642	2,720	4
Vascular access	950	959	998	223	1,532	40
Peritoneal access	12	12	7	75	93	4
Physician/supplier EPO	3	3	3	13	10	5
Physician/supplier iron	0	0	0	1	2	0
Immunosuppressive drugs	4	0	0	0	0	443
Durable medical equipment	433	435	440	308	648	209
Physician/supplier radiology	252	253	250	257	439	241
Physician/supplier lab/pathology	961	966	976	788	1,081	397
Physician/supplier ambulance	1,786	1,802	1,886	354	2,259	114
Other physician/supplier	929	933	934	825	1,394	560

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.10

Total Medicare Payments (\$) per Patient Year at Risk: All ESRD Patients

period prevalent patients, 1996-2000 combined, as-treated model; grouped by age, diabetic status, race, & gender; never msp in period

ALL		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	584,134	43,841	324,979	41,733	259,155	46,485
	Black	367,185	50,044	181,332	46,697	185,852	53,309
	Native American	17,810	43,999	8,394	41,724	9,417	46,028
	Asian	34,884	41,158	17,230	39,929	17,654	42,358
	All	1,014,706	46,045	537,885	43,397	476,819	49,033
Diabetic	White	198,510	52,732	102,979	49,967	95,531	55,713
	Black	119,422	58,128	46,363	55,661	73,059	59,693
	Native American	10,391	48,778	4,424	47,172	5,967	49,968
	Asian	10,764	52,902	5,011	50,831	5,753	54,706
	All	343,957	54,553	161,352	51,647	182,605	57,120
Non-diabetic	White	339,289	39,780	196,207	38,452	143,081	41,601
	Black	217,229	45,977	118,399	43,537	98,830	48,902
	Native American	6,600	37,430	3,541	35,731	3,059	39,396
	Asian	21,269	35,977	10,764	35,743	10,505	36,217
	All	588,735	41,908	331,482	40,151	257,253	44,172
Unknown	White	46,336	35,490	25,793	33,818	20,543	37,590
	Black	30,533	47,353	16,570	44,199	13,963	51,097
	Native American	819	36,319	428	35,000	390	37,767
	Asian	2,850	35,469	1,455	33,343	1,396	37,685
	All	82,015	40,065	45,052	37,732	36,961	42,909
0-19							
All	White	9,602	21,710	5,462	20,356	4,141	23,498
	Black	3,766	33,332	2,245	29,350	1,521	39,217
	Native American	290	25,266	146	21,433	145	29,116
	Asian	508	23,727	237	22,988	271	24,375
	All	14,576	25,136	8,334	23,130	6,241	27,814
Diabetic	White	29	38,256	20	35,359	9	44,502
	Black	33	64,784	*	*	17	86,200
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	69	50,804	36	38,062	34	64,261
Non-diabetic	White	8,319	21,928	4,707	20,538	3,611	23,741
	Black	3,236	33,306	1,960	29,707	1,277	38,831
	Native American	265	26,757	135	22,605	130	31,065
	Asian	431	23,971	200	24,199	231	23,775
	All	12,588	25,295	7,208	23,414	5,380	27,816
Unknown	White	1,254	19,880	734	18,777	520	21,437
	Black	498	31,441	270	26,060	227	37,873
	Native American	26	9,981	*	*	*	*
	Asian	72	21,606	37	16,520	34	27,162
	All	1,919	23,162	1,090	20,763	828	26,320
20-44							
All	White	132,058	29,955	78,313	28,875	53,745	31,529
	Black	94,528	42,479	55,568	40,731	38,960	44,972
	Native American	3,770	35,913	2,082	34,307	1,688	37,893
	Asian	8,669	28,877	4,501	27,823	4,169	30,016
	All	241,597	34,984	142,034	33,621	99,563	36,928
Diabetic	White	38,569	37,294	23,297	36,800	15,272	38,049
	Black	13,445	53,446	6,734	51,767	6,711	55,130
	Native American	1,120	45,657	575	44,151	545	47,246
	Asian	932	46,762	465	44,114	467	49,398
	All	54,637	41,724	31,445	40,377	23,193	43,551
Non-diabetic	White	80,292	27,333	47,583	25,914	32,709	29,397
	Black	71,889	40,784	43,112	39,340	28,777	42,946
	Native American	2,372	32,085	1,346	31,035	1,027	33,462
	Asian	6,854	26,780	3,532	26,045	3,321	27,562
	All	162,880	33,367	96,459	32,033	66,421	35,304
Unknown	White	13,197	24,459	7,432	22,990	5,764	26,353
	Black	9,193	39,700	5,722	38,226	3,472	42,128
	Native American	278	29,317	162	26,533	116	33,179
	Asian	883	26,274	503	25,244	380	27,636
	All	24,080	30,628	14,130	29,426	9,950	32,335

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.10 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: All ESRD Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female	
45-64		YAR	Payment	YAR	Payment	YAR	Payment
All	White	186,288	40,671	104,842	38,542	81,445	43,411
	Black	150,633	48,901	78,806	46,268	71,827	51,790
	Native American	8,519	43,447	4,242	41,881	4,277	45,000
	Asian	11,824	38,146	6,134	37,553	5,690	38,785
	All	361,381	44,185	196,459	41,817	164,922	47,006
Diabetic	White	73,732	51,350	40,549	48,554	33,183	54,766
	Black	55,563	56,353	23,891	53,865	31,672	58,230
	Native American	5,832	46,809	2,747	45,716	3,085	47,783
	Asian	3,974	48,042	2,133	46,465	1,841	49,868
	All	141,370	53,114	70,652	50,323	70,718	55,903
Non-diabetic	White	97,509	34,053	55,914	32,639	41,595	35,953
	Black	82,272	44,097	47,858	42,653	34,414	46,104
	Native American	2,406	36,166	1,350	34,853	1,056	37,844
	Asian	6,810	33,169	3,437	32,972	3,373	33,370
	All	190,336	38,426	109,379	37,115	80,957	40,197
Unknown	White	15,046	31,229	8,379	29,480	6,667	33,428
	Black	12,799	47,432	7,057	45,061	5,741	50,346
	Native American	280	35,987	145	34,661	135	37,406
	Asian	1,040	32,918	563	31,751	477	34,297
	All	29,675	38,588	16,428	36,546	13,247	41,121
65-74							
All	White	154,876	52,560	80,932	50,660	73,945	54,640
	Black	81,600	56,689	31,292	54,335	50,307	58,154
	Native American	3,891	51,417	1,460	49,997	2,431	52,271
	Asian	8,612	50,387	3,863	49,351	4,749	51,229
	All	251,492	53,850	118,774	51,611	132,718	55,854
Diabetic	White	61,022	60,159	27,562	58,447	33,460	61,569
	Black	37,687	60,219	11,940	59,083	25,747	60,746
	Native American	2,731	52,844	904	52,240	1,827	53,143
	Asian	3,944	55,734	1,612	54,190	2,332	56,802
	All	106,937	59,827	42,711	58,325	64,226	60,826
Non-diabetic	White	84,421	47,864	48,295	46,925	36,125	49,118
	Black	38,301	53,477	16,890	51,421	21,411	55,099
	Native American	999	48,836	474	46,849	526	50,626
	Asian	4,127	45,708	2,037	45,622	2,091	45,791
	All	128,572	49,489	68,115	48,008	60,457	51,157
Unknown	White	9,434	45,438	5,074	43,906	4,360	47,220
	Black	5,611	54,909	2,462	51,296	3,149	57,735
	Native American	161	43,230	83	43,499	78	42,945
	Asian	541	47,097	214	48,386	327	46,251
	All	15,983	48,949	7,948	46,409	8,035	51,462
75+							
All	White	101,311	56,542	55,430	55,010	45,880	58,393
	Black	36,658	61,168	13,420	59,014	23,238	62,412
	Native American	1,339	52,785	464	53,900	876	52,194
	Asian	5,271	54,715	2,496	54,627	2,775	54,795
	All	145,660	57,623	72,285	55,740	73,374	59,479
Diabetic	White	25,157	62,456	11,550	61,281	13,608	63,454
	Black	12,695	64,628	3,783	63,199	8,912	65,234
	Native American	708	54,241	198	53,005	510	54,722
	Asian	1,909	60,219	801	59,600	1,108	60,667
	All	40,943	62,870	16,509	61,532	24,435	63,774
Non-diabetic	White	68,748	54,675	39,707	53,483	29,041	56,306
	Black	21,531	59,069	8,580	57,188	12,951	60,315
	Native American	558	50,240	237	52,639	321	48,467
	Asian	3,046	51,460	1,558	52,415	1,489	50,461
	All	94,360	55,562	50,321	54,075	44,039	57,261
Unknown	White	7,406	53,778	4,173	52,192	3,231	55,833
	Black	2,432	61,688	1,058	58,865	1,374	63,861
	Native American	74	58,037	29	70,533	45	50,143
	Asian	315	52,842	137	50,697	178	54,493
	All	10,357	55,662	5,455	53,572	4,901	57,993

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.11

Total Medicare Payments (\$) per Patient Year at Risk: Dialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

ALL		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	421,208	54,616	226,654	52,972	194,553	56,530
	Black	318,749	54,340	152,441	51,580	166,307	56,870
	Native American	14,454	50,297	6,486	49,381	7,968	51,042
	Asian	26,135	50,015	12,605	49,031	13,530	50,932
	All	789,586	54,262	403,105	52,246	386,479	56,364
Diabetic	White	158,661	60,394	78,233	58,919	80,427	61,829
	Black	110,781	60,195	41,559	58,580	69,222	61,164
	Native American	9,255	51,875	3,825	51,092	5,430	52,427
	Asian	9,679	56,117	4,399	54,683	5,280	57,311
	All	292,948	59,883	130,409	58,414	162,539	61,062
Non-diabetic	White	235,493	51,077	133,868	49,829	101,625	52,722
	Black	182,584	50,945	97,488	48,727	85,096	53,486
	Native American	4,649	47,346	2,399	46,467	2,250	48,283
	Asian	14,534	46,389	7,273	46,172	7,261	46,607
	All	440,571	50,795	242,959	49,202	197,612	52,754
Unknown	White	27,054	51,527	14,553	49,916	12,500	53,404
	Black	25,385	53,204	13,395	50,623	11,990	56,090
	Native American	550	48,678	262	51,093	289	46,489
	Asian	1,922	46,707	933	44,660	989	48,638
	All	56,067	52,129	29,737	50,072	26,328	54,453
0-19							
All	White	2,547	47,142	1,400	45,564	1,148	49,066
	Black	1,878	48,620	1,010	45,507	866	52,276
	Native American	113	46,662	48	44,641	65	48,171
	Asian	195	39,771	82	39,411	113	40,033
	All	4,921	47,281	2,634	45,199	2,286	49,688
Diabetic	White	11	59,690	*	*	*	*
	Black	23	79,468	*	*	17	86,200
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	41	67,107	14	53,028	27	74,169
Non-diabetic	White	2,228	46,991	1,209	45,170	1,019	49,152
	Black	1,615	48,368	898	45,316	716	52,197
	Native American	109	47,022	48	44,878	61	48,704
	Asian	158	40,720	66	40,675	92	40,753
	All	4,258	47,126	2,296	44,895	1,962	49,737
Unknown	White	309	47,803	183	48,161	125	47,280
	Black	240	47,318	106	46,170	133	48,381
	Native American	*	*	*	*	*	*
	Asian	32	36,145	16	34,201	16	38,083
	All	621	47,024	324	47,023	297	47,092
20-44							
All	White	60,652	47,851	35,855	46,282	24,798	50,119
	Black	73,245	48,997	43,037	47,064	30,208	51,750
	Native American	2,507	46,690	1,384	45,223	1,123	48,499
	Asian	4,803	42,358	2,504	40,476	2,300	44,406
	All	143,044	48,183	83,876	46,430	59,168	50,669
Diabetic	White	17,279	58,002	10,719	56,450	6,560	60,539
	Black	10,557	59,907	5,199	58,422	5,358	61,348
	Native American	868	52,036	464	49,104	404	55,398
	Asian	655	57,305	352	52,482	303	62,910
	All	29,805	58,437	17,025	56,710	12,780	60,738
Non-diabetic	White	38,113	43,919	22,199	42,102	15,914	46,453
	Black	55,687	47,181	33,465	45,531	22,222	49,667
	Native American	1,472	43,906	835	43,061	637	45,013
	Asian	3,664	40,001	1,884	38,572	1,779	41,514
	All	99,937	45,548	58,976	43,894	40,961	47,929
Unknown	White	5,260	42,992	2,936	40,761	2,323	45,813
	Black	7,000	46,983	4,373	45,295	2,628	49,792
	Native American	168	43,471	86	45,292	82	41,569
	Asian	484	39,972	267	38,090	217	42,289
	All	13,302	45,010	7,875	43,195	5,427	47,643

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.11 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: Dialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	120,123	54,028	64,370	52,493	55,753	55,802
	Black	128,669	53,328	65,497	51,143	63,172	55,593
	Native American	6,825	49,660	3,272	49,031	3,554	50,239
	Asian	7,915	48,835	4,039	48,217	3,876	49,479
Diabetic	All	267,073	53,428	139,282	51,670	127,791	55,344
	White	57,443	59,315	29,975	57,768	27,468	61,004
	Black	50,578	58,755	21,041	57,059	29,536	59,964
	Native American	5,060	50,445	2,325	50,114	2,735	50,727
Non-diabetic	Asian	3,302	52,675	1,720	51,796	1,582	53,630
	All	118,504	58,491	56,305	57,010	62,199	59,831
	White	55,307	49,029	30,591	47,751	24,716	50,611
	Black	67,525	49,297	38,761	47,899	28,764	51,180
Unknown	Native American	1,592	47,144	860	46,076	731	48,401
	Asian	3,985	46,169	1,987	45,718	1,997	46,618
	All	129,421	49,031	72,841	47,737	56,581	50,696
	White	7,373	50,340	3,803	49,051	3,569	51,714
	Black	10,566	53,108	5,695	51,364	4,871	55,148
	Native American	174	49,824	87	49,306	87	50,337
	Asian	628	45,564	332	44,640	296	46,598
	All	19,147	51,817	10,136	50,270	9,011	53,558
65-74							
All	White	137,819	56,520	70,432	54,997	67,387	58,111
	Black	78,419	57,888	29,557	55,874	48,862	59,107
	Native American	3,680	53,036	1,326	52,953	2,354	53,083
	Asian	7,983	52,800	3,504	52,159	4,479	53,301
Diabetic	All	230,311	56,818	105,979	55,128	124,332	58,258
	White	58,841	61,243	26,032	60,173	32,809	62,093
	Black	36,945	60,703	11,544	59,886	25,401	61,074
	Native American	2,620	53,945	839	54,451	1,781	53,706
Non-diabetic	Asian	3,809	56,851	1,527	55,863	2,283	57,513
	All	103,744	60,691	40,622	59,776	63,121	61,280
	White	71,970	52,776	40,765	51,777	31,206	54,081
	Black	36,303	55,017	15,841	53,005	20,462	56,575
Unknown	Native American	930	51,058	427	50,016	503	51,943
	Asian	3,707	48,818	1,792	49,280	1,915	48,387
	All	113,583	53,344	59,209	52,006	54,374	54,801
	White	7,008	55,305	3,635	54,042	3,373	56,665
	Black	5,171	57,939	2,172	55,475	2,999	59,724
	Native American	131	48,897	60	52,900	70	45,466
	Asian	467	51,353	185	49,490	281	52,581
	All	12,984	56,264	6,148	54,484	6,836	57,865
75+							
All	White	100,066	56,989	54,598	55,509	45,467	58,766
	Black	36,539	61,292	13,340	59,237	23,199	62,474
	Native American	1,328	53,098	456	54,641	872	52,291
	Asian	5,238	54,958	2,476	54,901	2,763	55,008
Diabetic	All	144,238	57,989	71,335	56,189	72,902	59,750
	White	25,086	62,518	11,498	61,389	13,588	63,473
	Black	12,677	64,662	3,768	63,287	8,910	65,244
	Native American	708	54,241	198	53,005	510	54,722
Non-diabetic	Asian	1,908	60,258	801	59,600	1,107	60,734
	All	40,854	62,921	16,443	61,628	24,411	63,792
	White	67,875	55,099	39,105	53,955	28,770	56,656
	Black	21,453	59,207	8,522	57,451	12,931	60,364
Unknown	Native American	547	50,949	229	54,070	317	48,696
	Asian	3,021	51,745	1,543	52,668	1,478	50,782
	All	93,372	55,922	49,638	54,511	43,734	57,525
	White	7,105	55,513	3,995	53,797	3,109	57,725
	Black	2,408	62,125	1,050	59,202	1,358	64,383
	Native American	74	58,037	29	70,533	45	50,143
	Asian	310	53,641	132	52,493	178	54,493
	All	10,013	57,136	5,254	55,025	4,758	59,473

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.12

Total Medicare Payments (\$) per Patient Year at Risk: Hemodialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

ALL		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	364,784	55,470	196,433	53,651	168,351	57,593
	Black	295,217	54,722	142,054	51,872	153,161	57,365
	Native American	13,037	50,770	5,910	49,894	7,128	51,496
	Asian	22,667	50,857	11,049	49,623	11,618	52,031
	All	703,598	54,917	359,769	52,753	343,828	57,181
Diabetic	White	139,128	60,967	67,604	59,578	71,524	62,281
	Black	104,286	60,262	39,036	58,742	65,249	61,171
	Native American	8,530	51,964	3,531	51,495	4,999	52,294
	Asian	8,763	56,245	3,969	54,797	4,794	57,444
	All	264,804	60,227	116,286	58,873	148,518	61,287
Non-diabetic	White	202,140	52,042	116,090	50,545	86,050	54,061
	Black	167,520	51,417	90,591	49,024	76,929	54,234
	Native American	4,035	48,238	2,141	46,935	1,894	49,711
	Asian	12,263	47,431	6,275	46,914	5,988	47,972
	All	388,727	51,561	216,757	49,733	171,970	53,866
Unknown	White	23,516	52,419	12,739	50,502	10,776	54,687
	Black	23,411	53,697	12,427	51,053	10,983	56,691
	Native American	472	50,840	238	52,764	234	48,888
	Asian	1,642	47,693	805	45,230	837	50,063
	All	50,067	52,887	26,726	50,624	23,339	55,480
0-19							
All	White	1,460	49,642	827	47,568	633	52,353
	Black	1,396	48,870	778	45,064	617	53,701
	Native American	93	44,443	42	42,713	51	45,874
	Asian	119	42,607	46	45,915	74	40,570
	All	3,152	48,752	1,733	46,170	1,418	51,920
Diabetic	White	10	58,950	*	*	*	*
	Black	19	87,630	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	34	71,108	14	53,028	20	83,589
Non-diabetic	White	1,283	49,432	719	47,269	565	52,186
	Black	1,188	48,731	687	45,123	501	53,679
	Native American	89	44,772	42	42,972	47	46,360
	Asian	98	44,502	39	48,082	59	42,125
	All	2,720	48,680	1,513	46,111	1,207	51,899
Unknown	White	167	50,698	101	49,826	66	52,039
	Black	189	45,887	84	43,339	104	48,141
	Native American	*	*	*	*	*	*
	Asian	17	34,388	*	*	*	*
	All	398	47,349	206	46,147	191	48,750
20-44							
All	White	48,411	49,228	29,835	47,171	18,577	52,531
	Black	64,800	49,699	39,146	47,499	25,655	53,058
	Native American	2,077	48,206	1,240	45,712	837	51,897
	Asian	3,729	43,642	2,067	41,123	1,662	46,774
	All	120,500	49,252	73,203	47,100	47,297	52,583
Diabetic	White	13,328	60,251	8,494	58,404	4,834	63,497
	Black	9,451	60,442	4,723	59,066	4,728	61,818
	Native American	762	51,909	424	49,381	338	55,080
	Asian	574	57,101	317	52,407	257	62,894
	All	24,486	59,921	14,211	58,139	10,276	62,385
Non-diabetic	White	30,727	45,161	18,785	42,876	11,942	48,756
	Black	49,108	47,880	30,452	45,915	18,656	51,088
	Native American	1,195	45,875	739	43,419	455	49,866
	Asian	2,785	41,359	1,537	39,325	1,247	43,868
	All	84,588	46,594	51,997	44,517	32,591	49,908
Unknown	White	4,357	44,188	2,556	41,414	1,801	48,124
	Black	6,241	47,746	3,970	45,885	2,271	51,000
	Native American	120	47,878	76	47,553	44	48,440
	Asian	370	39,947	212	37,293	158	43,512
	All	11,426	46,063	6,995	43,874	4,430	49,519

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.12 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: Hemodialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female		
45-64		YAR	Payment	YAR	Payment	YAR	Payment	
All	White	102,140	55,012	54,952	53,282	47,189	57,027	
	Black	118,820	53,615	61,151	51,349	57,669	56,018	
	Native American	6,188	49,920	2,973	49,482	3,215	50,325	
	Asian	6,746	49,911	3,511	48,896	3,235	51,011	
	All	237,004	54,043	124,460	52,141	112,545	56,145	
	Diabetic	White	49,838	59,816	25,757	58,360	24,081	61,373
		Black	47,250	58,836	19,693	57,209	27,557	59,999
		Native American	4,628	50,617	2,137	50,484	2,490	50,731
		Asian	2,930	53,307	1,519	52,195	1,410	54,506
		All	106,514	58,803	50,214	57,414	56,300	60,042
	Non-diabetic	White	45,995	50,300	25,931	48,649	20,064	52,435
		Black	61,839	49,643	36,145	48,120	25,694	51,785
Native American		1,401	47,528	754	46,561	647	48,655	
Asian		3,263	47,515	1,681	46,626	1,582	48,458	
All		113,373	49,801	65,084	48,261	48,289	51,877	
Unknown	White	6,307	51,411	3,263	50,012	3,044	52,911	
	Black	9,731	53,505	5,313	51,594	4,418	55,803	
	Native American	159	50,701	82	50,209	78	51,217	
	Asian	553	46,054	310	45,041	242	47,351	
	All	17,117	52,513	9,162	50,809	7,955	54,475	
65-74								
All	White	120,967	57,175	61,109	55,593	59,858	58,791	
	Black	74,730	57,915	28,058	55,976	46,672	59,081	
	Native American	3,422	53,126	1,234	53,404	2,188	52,970	
	Asian	7,193	52,969	3,147	52,258	4,047	53,522	
	All	208,530	57,245	94,604	55,575	113,926	58,632	
Diabetic	White	52,758	61,549	22,826	60,531	29,932	62,325	
	Black	35,241	60,668	10,952	59,939	24,289	60,996	
	Native American	2,462	53,847	785	54,753	1,676	53,422	
	Asian	3,471	56,567	1,384	55,496	2,087	57,277	
	All	95,346	60,829	36,570	60,005	58,776	61,341	
Non-diabetic	White	62,050	53,582	35,102	52,492	26,948	55,001	
	Black	34,582	55,106	15,059	53,118	19,523	56,639	
	Native American	842	51,444	394	50,550	448	52,232	
	Asian	3,312	49,175	1,604	49,586	1,708	48,790	
	All	101,395	53,936	52,506	52,559	48,889	55,414	
Unknown	White	6,159	55,909	3,181	54,364	2,978	57,560	
	Black	4,907	57,946	2,048	55,794	2,859	59,487	
	Native American	118	50,098	54	54,620	64	46,240	
	Asian	411	53,156	159	51,036	252	54,496	
	All	11,790	56,729	5,528	54,914	6,262	58,333	
75+								
All	White	91,805	57,119	49,710	55,663	42,094	58,839	
	Black	35,470	61,109	12,922	59,098	22,549	62,262	
	Native American	1,257	53,243	420	55,551	837	52,083	
	Asian	4,879	54,769	2,279	54,887	2,601	54,665	
	All	134,412	58,070	65,770	56,318	68,641	59,749	
Diabetic	White	23,194	62,531	10,519	61,449	12,675	63,429	
	Black	12,325	64,386	3,662	62,985	8,663	64,979	
	Native American	679	54,375	184	54,202	495	54,439	
	Asian	1,783	60,233	749	59,797	1,035	60,549	
	All	38,424	62,867	15,278	61,647	23,146	63,672	
Non-diabetic	White	62,085	55,253	35,553	54,124	26,531	56,765	
	Black	20,803	59,058	8,247	57,318	12,556	60,202	
	Native American	509	51,042	211	54,607	297	48,508	
	Asian	2,805	51,404	1,414	52,448	1,392	50,343	
	All	86,652	56,025	45,657	54,640	40,994	57,568	
Unknown	White	6,527	55,638	3,637	53,966	2,888	57,751	
	Black	2,342	62,080	1,012	59,535	1,330	64,016	
	Native American	70	58,235	25	73,349	45	49,795	
	Asian	291	53,720	117	52,943	174	54,242	
	All	9,336	57,308	4,834	55,329	4,500	59,440	

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.13

Total Medicare Payments (\$) per Patient Year at Risk: CAPD/CCPD Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

ALL		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	52,271	46,032	27,942	45,477	24,329	46,669
	Black	22,194	47,329	9,793	45,469	12,401	48,798
	Native American	1,339	44,382	547	42,713	792	45,536
	Asian	3,263	41,928	1,456	41,818	1,807	42,016
	All	80,104	46,121	40,280	45,219	39,825	47,034
Diabetic	White	17,799	53,002	9,730	51,600	8,069	54,693
	Black	5,949	55,873	2,323	53,021	3,626	57,700
	Native American	680	49,313	278	44,819	403	52,407
	Asian	831	50,628	389	49,463	442	51,654
	All	25,685	53,368	12,944	51,539	12,742	55,226
Non-diabetic	White	31,186	42,402	16,542	42,176	14,644	42,657
	Black	14,378	43,960	6,562	42,999	7,817	44,766
	Native American	583	39,797	246	41,062	337	38,872
	Asian	2,175	38,762	946	38,871	1,229	38,679
	All	48,818	42,593	24,543	42,166	24,275	43,025
Unknown	White	3,287	42,728	1,670	42,498	1,616	42,965
	Black	1,867	46,052	908	43,993	958	48,003
	Native American	75	35,355	23	35,049	52	35,491
	Asian	257	40,580	120	40,263	137	40,859
	All	5,600	43,641	2,793	42,759	2,808	44,518
0-19							
All	White	1,013	43,096	530	42,088	483	44,202
	Black	441	46,461	210	45,445	231	47,385
	Native American	19	57,007	*	*	13	56,547
	Asian	71	35,092	35	30,910	36	39,092
	All	1,640	43,799	831	42,473	809	45,160
Diabetic	White	*	*	*	*	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	*	*	*	*	*	*
Non-diabetic	White	878	42,795	454	41,148	425	44,556
	Black	390	45,859	191	44,421	199	47,240
	Native American	19	57,007	*	*	13	56,547
	Asian	59	34,113	26	29,502	32	37,856
	All	1,425	43,357	723	41,464	702	45,306
Unknown	White	134	44,972	76	47,703	58	41,394
	Black	47	51,616	19	55,814	28	48,769
	Native American	*	*	*	*	*	*
	Asian	13	39,562	*	*	*	*
	All	208	46,661	108	49,229	100	43,887
20-44							
All	White	11,835	41,654	5,803	41,026	6,032	42,257
	Black	8,174	42,917	3,750	41,885	4,424	43,792
	Native American	416	38,723	139	40,039	277	38,059
	Asian	1,055	37,436	428	37,077	626	37,681
	All	21,813	41,761	10,288	41,027	11,525	42,417
Diabetic	White	3,784	49,333	2,130	48,100	1,654	50,922
	Black	1,051	53,967	452	50,720	599	56,418
	Native American	103	52,462	38	45,188	65	56,691
	Asian	79	57,646	34	53,555	45	60,777
	All	5,086	50,448	2,690	48,526	2,396	52,604
Non-diabetic	White	7,180	38,169	3,305	37,022	3,875	39,147
	Black	6,392	41,404	2,914	40,938	3,478	41,794
	Native American	267	34,490	92	39,204	175	32,004
	Asian	866	35,271	341	34,887	524	35,521
	All	14,923	39,216	6,756	38,514	8,167	39,797
Unknown	White	871	37,018	368	36,034	503	37,738
	Black	730	40,254	383	38,658	347	42,020
	Native American	46	32,547	*	*	37	33,825
	Asian	110	39,989	53	40,555	57	39,464
	All	1,805	38,323	842	37,227	963	39,282

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.13 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: CAPD/CCPD Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	17,101	46,937	8,924	46,242	8,177	47,694
	Black	9,424	48,561	4,143	46,949	5,281	49,826
	Native American	609	45,906	283	43,041	326	48,399
	Asian	1,116	41,391	498	42,246	617	40,700
Diabetic	All	28,642	47,163	14,063	46,188	14,580	48,104
	White	7,095	54,156	3,932	52,182	3,163	56,610
	Black	3,131	56,005	1,266	53,209	1,865	57,902
	Native American	413	47,598	177	44,432	236	49,967
Non-diabetic	Asian	349	45,884	186	47,155	163	44,434
	All	11,219	53,944	5,686	51,829	5,532	56,118
	White	8,996	41,740	4,485	41,568	4,511	41,911
	Black	5,503	44,467	2,521	43,692	2,983	45,121
Unknown	Native American	182	42,417	102	40,915	80	44,324
	Asian	700	39,071	294	39,344	406	38,873
	All	15,510	42,551	7,467	42,149	8,043	42,925
	White	1,010	42,514	507	41,531	503	43,506
	Black	790	47,586	356	47,763	434	47,440
	Native American	13	41,077	*	*	*	*
	Asian	67	42,212	18	39,013	49	43,408
	All	1,914	44,793	909	44,082	1,005	45,435
65-74							
All	White	15,301	48,040	8,484	47,523	6,817	48,683
	Black	3,313	52,794	1,357	49,319	1,956	55,205
	Native American	235	49,464	86	45,640	149	51,672
	Asian	715	47,321	325	46,158	391	48,287
Diabetic	All	19,722	48,802	10,338	47,649	9,384	50,072
	White	5,375	54,172	2,862	53,461	2,514	54,981
	Black	1,497	56,085	528	53,285	970	57,609
	Native American	140	53,232	50	49,055	91	55,534
Non-diabetic	Asian	303	54,755	127	52,888	176	56,094
	All	7,412	54,505	3,616	53,281	3,796	55,672
	White	9,150	44,518	5,214	44,261	3,936	44,860
	Black	1,570	49,173	713	46,481	857	51,411
Unknown	Native American	82	45,107	30	41,626	52	47,136
	Asian	364	42,370	172	42,298	192	42,434
	All	11,217	45,065	6,157	44,389	5,059	45,887
	White	775	47,087	408	47,561	367	46,562
	Black	246	55,880	117	48,719	129	62,344
	Native American	*	*	*	*	*	*
	Asian	49	38,074	26	38,941	23	37,090
	All	1,094	48,476	565	47,129	528	49,918
75+							
All	White	7,022	47,255	4,202	46,293	2,820	48,687
	Black	843	55,305	334	51,722	509	57,655
	Native American	60	44,176	32	40,590	28	48,309
	Asian	306	48,360	169	46,481	136	50,694
Diabetic	All	8,286	48,079	4,759	46,619	3,527	50,049
	White	1,545	52,615	806	51,405	739	53,935
	Black	265	60,843	78	61,586	187	60,536
	Native American	24	42,314	*	*	*	*
Non-diabetic	Asian	101	49,148	43	46,077	58	51,405
	All	1,962	53,362	951	51,698	1,011	54,929
	White	4,980	45,741	3,084	45,209	1,896	46,605
	Black	523	52,794	223	49,750	300	55,058
Unknown	Native American	33	44,899	16	44,993	17	44,811
	Asian	187	48,191	112	46,667	75	50,476
	All	5,744	46,466	3,440	45,545	2,304	47,841
	White	497	45,764	312	43,807	185	49,063
	Black	54	52,487	33	41,856	21	68,894
	Native American	*	*	*	*	*	*
	Asian	18	45,673	14	46,222	*	*
	All	580	46,183	368	43,534	212	50,784

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.14

Total Medicare Payments (\$) per Patient Year at Risk: Other Dialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

ALL		All		Male		Female		
		YAR	Payment	YAR	Payment	YAR	Payment	
All	White	4,153	87,576	2,279	86,361	1,873	89,053	
	Black	1,339	86,255	594	82,430	745	89,303	
	Native American	78	72,754	30	70,325	48	74,236	
	Asian	205	85,633	101	88,299	104	83,057	
	All	5,884	86,693	3,057	85,151	2,827	88,361	
	Diabetic	White	1,733	90,260	899	88,559	834	92,093
		Black	546	94,505	199	91,694	347	96,119
		Native American	44	74,405	17	70,277	27	76,907
		Asian	85	96,436	41	93,117	44	99,535
		All	2,458	90,939	1,179	88,571	1,279	93,123
	Non-diabetic	White	2,168	85,942	1,236	85,014	932	87,172
		Black	685	82,247	335	80,560	350	83,862
		Native American	31	73,441	12	73,727	19	73,255
		Asian	96	85,916	52	89,185	44	82,040
		All	3,026	84,651	1,659	83,925	1,367	85,532
	Unknown	White	251	83,157	144	84,201	107	81,754
Black		108	69,994	59	61,949	49	79,858	
Native American		3	44,086	1	21,760	2	51,697	
Asian		23	44,824	7	54,364	16	40,534	
All		400	76,061	219	76,008	182	76,126	
0-19								
All	White	74	53,161	42	49,896	32	57,493	
	Black	41	63,283	23	61,212	18	65,855	
	Native American	*	*	*	*	*	*	
	Asian	4	38,626	2	39,509	*	*	
	All	129	55,632	70	53,506	59	58,178	
Diabetic	White	*	*	*	*	*	*	
	Black	*	*	*	*	*	*	
	Native American	*	*	*	*	*	*	
	Asian	*	*	*	*	*	*	
	All	*	*	*	*	*	*	
Non-diabetic	White	67	55,299	36	53,867	30	57,018	
	Black	37	63,170	20	60,201	17	66,814	
	Native American	*	*	*	*	*	*	
	Asian	2	49,693	*	*	*	*	
	All	113	57,256	60	55,520	53	59,235	
Unknown	White	7	33,498	6	25,789	*	*	
	Black	4	65,203	*	*	*	*	
	Native American	*	*	*	*	*	*	
	Asian	*	*	*	*	*	*	
	All	15	43,406	10	41,197	5	47,657	
20-44								
All	White	405	64,310	217	64,580	189	64,000	
	Black	271	64,283	141	64,183	130	64,392	
	Native American	14	58,282	5	67,748	9	53,005	
	Asian	20	62,803	9	54,395	11	69,367	
	All	730	63,700	385	63,414	346	64,018	
Diabetic	White	167	74,956	95	69,037	72	82,721	
	Black	55	81,532	24	77,327	31	84,686	
	Native American	2	74,397	2	69,448	*	*	
	Asian	2	95,523	*	*	*	*	
	All	232	77,017	124	70,475	108	84,544	
Non-diabetic	White	206	59,005	109	62,863	97	54,676	
	Black	187	61,105	98	62,672	89	59,367	
	Native American	11	58,791	3	69,400	7	53,725	
	Asian	13	63,036	6	55,700	8	68,617	
	All	426	59,519	223	61,661	204	57,174	
Unknown	White	32	42,863	13	46,134	19	40,686	
	Black	29	52,149	19	55,808	10	45,024	
	Native American	*	*	*	*	*	*	
	Asian	4	41,914	2	58,035	2	25,790	
	All	72	45,527	38	50,527	34	40,017	

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.14 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: Other Dialysis Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	882	77,633	494	77,623	388	77,645
	Black	426	78,722	204	74,701	222	82,427
	Native American	28	73,549	15	72,414	13	74,863
	Asian	53	68,672	30	68,208	23	69,256
	All	1,426	77,101	760	75,878	666	78,495
Diabetic	White	510	82,165	286	81,222	224	83,370
	Black	197	83,049	83	80,304	114	85,042
	Native American	19	71,097	10	70,784	8	71,489
	Asian	24	74,560	14	70,020	9	81,323
	All	772	81,450	405	79,540	366	83,563
Non-diabetic	White	315	71,576	174	73,365	141	69,361
	Black	184	77,576	96	75,387	88	79,961
	Native American	8	85,664	4	83,325	4	88,115
	Asian	22	72,629	12	73,521	9	71,422
	All	538	73,451	290	74,117	249	72,675
Unknown	White	57	70,530	34	69,076	23	72,637
	Black	45	64,379	25	53,834	19	78,203
	Native American	1	32,510	*	*	*	*
	Asian	8	39,768	*	*	5	41,142
	All	116	65,101	65	60,848	51	70,492
65-74							
All	White	1,552	89,040	840	87,183	712	91,231
	Black	376	97,484	142	98,550	234	96,838
	Native American	23	75,784	6	65,454	18	79,178
	Asian	74	89,201	33	101,937	41	79,073
	All	2,059	90,327	1,037	88,919	1,022	91,754
Diabetic	White	708	92,169	345	92,155	363	92,181
	Black	206	100,187	65	104,717	142	98,117
	Native American	18	73,125	4	63,585	14	75,494
	Asian	36	102,533	16	109,608	19	96,435
	All	986	93,830	437	94,299	550	93,457
Non-diabetic	White	770	85,964	449	83,154	321	89,888
	Black	151	95,395	69	95,592	82	95,229
	Native American	5	81,346	2	69,676	3	89,266
	Asian	32	85,739	16	93,711	16	77,515
	All	971	87,181	545	84,783	426	90,251
Unknown	White	74	91,125	46	89,185	28	94,346
	Black	18	84,125	8	73,078	10	92,144
	Native American	*	*	*	*	*	*
	Asian	7	38,242	*	*	*	*
	All	101	86,349	54	87,197	46	85,348
75+							
All	White	1,239	102,490	687	100,766	553	104,630
	Black	226	112,284	84	110,255	142	113,493
	Native American	11	85,617	3	75,302	8	90,139
	Asian	53	109,885	28	107,366	26	112,604
	All	1,540	104,212	806	102,171	734	106,453
Diabetic	White	348	105,633	173	104,204	174	107,052
	Black	87	115,235	28	107,407	59	118,934
	Native American	5	90,168	1	85,925	4	91,479
	Asian	24	109,171	10	103,867	14	112,832
	All	467	107,449	213	104,522	254	109,906
Non-diabetic	White	810	100,878	468	98,718	343	103,827
	Black	127	110,092	52	112,072	75	108,732
	Native American	5	79,711	2	68,761	3	86,691
	Asian	28	109,943	17	110,396	11	109,231
	All	976	102,466	541	100,649	435	104,723
Unknown	White	81	105,107	46	108,708	36	100,517
	Black	12	113,915	5	107,391	7	118,264
	Native American	*	*	*	*	*	*
	Asian	2	118,233	*	*	*	*
	All	97	106,198	52	108,373	45	103,699

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

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

Patients of unknown age are excluded.

Table K.15

Total Medicare Payments (\$) per Patient Year at Risk: Transplant Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

ALL		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	162,926	15,988	98,324	15,826	64,602	16,233
	Black	48,435	21,770	28,890	20,934	19,545	23,006
	Native American	3,356	16,877	1,907	15,686	1,448	18,445
	Asian	8,749	14,701	4,625	15,121	4,124	14,230
	All	225,120	17,227	134,780	16,930	90,340	17,670
Diabetic	White	39,849	22,228	24,745	21,668	15,103	23,145
	Black	8,641	31,627	4,804	30,411	3,837	33,149
	Native American	1,137	23,554	599	22,141	538	25,128
	Asian	1,086	24,240	612	23,150	473	25,649
	All	51,009	23,938	30,942	23,126	20,067	25,191
Non-diabetic	White	103,795	14,149	62,339	14,022	41,456	14,340
	Black	34,646	19,798	20,911	19,339	13,735	20,496
	Native American	1,951	13,799	1,142	13,164	809	14,695
	Asian	6,735	13,506	3,491	14,011	3,244	12,963
	All	148,164	15,482	88,523	15,310	59,641	15,737
Unknown	White	19,282	12,989	11,239	12,973	8,043	13,013
	Black	5,148	18,500	3,175	17,099	1,973	20,754
	Native American	268	10,970	167	9,762	102	12,955
	Asian	929	12,212	522	13,125	407	11,040
	All	25,947	13,998	15,315	13,771	10,633	14,324
0-19							
All	White	7,055	12,528	4,062	11,670	2,993	13,691
	Black	1,889	18,132	1,235	16,127	654	21,917
	Native American	177	11,568	97	9,845	80	13,658
	Asian	313	13,702	155	14,267	158	13,147
	All	9,655	13,849	5,700	12,932	3,955	15,169
Diabetic	White	*	*	*	*	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	28	26,698	*	*	*	*
Non-diabetic	White	6,090	12,759	3,499	12,027	2,592	13,745
	Black	1,622	18,307	1,061	16,489	560	21,750
	Native American	155	12,458	87	10,228	69	15,278
	Asian	273	14,272	134	16,033	140	12,586
	All	8,329	14,135	4,912	13,373	3,418	15,230
Unknown	White	946	10,770	551	9,004	395	13,235
	Black	258	16,688	164	13,138	94	22,920
	Native American	*	*	*	*	*	*
	Asian	39	9,766	*	*	*	*
	All	1,298	11,735	766	9,663	531	14,724
20-44							
All	White	71,405	14,754	42,459	14,175	28,947	15,604
	Black	21,283	20,049	12,531	18,983	8,752	21,577
	Native American	1,263	14,512	698	12,649	565	16,812
	Asian	3,866	12,128	1,997	11,956	1,869	12,311
	All	98,554	15,825	58,158	15,147	40,395	16,802
Diabetic	White	21,290	20,488	12,578	20,053	8,712	21,114
	Black	2,887	29,819	1,534	29,217	1,353	30,503
	Native American	252	23,723	111	23,532	141	23,873
	Asian	277	21,852	113	18,057	164	24,464
	All	24,833	21,665	14,420	21,093	10,413	22,457
Non-diabetic	White	42,179	12,346	25,384	11,758	16,794	13,235
	Black	16,202	18,796	9,647	17,868	6,555	20,161
	Native American	900	12,755	511	11,362	390	14,580
	Asian	3,190	11,596	1,648	11,720	1,542	11,462
	All	62,943	14,026	37,483	13,370	25,459	14,992
Unknown	White	7,937	12,177	4,496	11,383	3,441	13,214
	Black	2,193	16,450	1,349	15,316	844	18,263
	Native American	110	7,773	76	5,335	34	13,154
	Asian	399	9,621	236	10,681	163	8,087
	All	10,778	12,879	6,255	12,090	4,524	13,970

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.15 (continued)

Total Medicare Payments (\$) per Patient Year at Risk: Transplant Patients

period prevalent patients, 1996-2000 combined, as-treated model, grouped by age, diabetic status, race, & gender, never msp in period

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	66,165	16,419	40,473	16,354	25,692	16,522
	Black	21,964	22,969	13,309	22,275	8,655	24,036
	Native American	1,694	18,411	970	17,779	723	19,259
	Asian	3,909	16,505	2,095	16,992	1,815	15,943
	All	94,308	18,010	57,177	17,815	37,131	18,309
Diabetic	White	16,289	23,258	10,574	22,435	5,715	24,780
	Black	4,985	31,982	2,850	30,277	2,135	34,256
	Native American	773	23,007	422	21,516	350	24,804
	Asian	672	25,284	414	24,305	259	26,850
	All	22,866	25,249	14,346	24,078	8,519	27,221
Non-diabetic	White	42,203	14,426	25,324	14,383	16,879	14,490
	Black	14,746	20,285	9,097	20,300	5,650	20,262
	Native American	815	14,724	490	15,146	325	14,088
	Asian	2,825	14,835	1,450	15,501	1,375	14,132
	All	60,914	15,894	36,538	15,938	24,376	15,829
Unknown	White	7,673	12,865	4,575	13,209	3,098	12,358
	Black	2,233	20,568	1,363	18,723	870	23,457
	Native American	106	13,247	58	12,806	48	13,783
	Asian	412	13,632	231	13,259	181	14,110
	All	10,528	14,529	6,292	14,439	4,236	14,663
65-74							
All	White	17,057	20,568	10,499	21,563	6,558	18,976
	Black	3,181	27,126	1,735	28,114	1,446	25,940
	Native American	211	23,238	134	20,825	77	27,447
	Asian	629	19,756	359	21,908	270	16,903
	All	21,182	21,581	12,795	22,478	8,386	20,212
Diabetic	White	2,181	30,892	1,530	29,075	651	35,163
	Black	742	36,137	396	35,663	346	36,678
	Native American	111	26,966	65	23,810	46	31,426
	Asian	135	24,122	85	24,296	49	23,820
	All	3,193	31,757	2,088	30,098	1,105	34,894
Non-diabetic	White	12,450	19,469	7,531	20,661	4,920	17,644
	Black	1,998	25,497	1,049	27,497	949	23,289
	Native American	70	19,227	47	17,883	*	*
	Asian	420	18,282	244	18,806	176	17,554
	All	14,990	20,274	8,907	21,429	6,083	18,582
Unknown	White	2,426	16,931	1,439	18,297	987	14,939
	Black	440	19,328	291	20,064	150	17,901
	Native American	*	*	*	*	*	*
	Asian	74	20,190	*	*	45	6,838
	All	2,999	17,280	1,800	18,830	1,199	14,953
75+							
All	White	1,244	20,613	831	22,275	413	17,266
	Black	119	22,989	80	22,051	38	24,951
	Native American	*	*	*	*	*	*
	Asian	32	15,501	*	*	*	*
	All	1,422	20,513	950	21,989	472	17,545
Diabetic	White	71	40,653	51	36,866	20	50,456
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	90	39,891	66	37,812	24	45,709
Non-diabetic	White	873	21,684	602	22,815	271	19,169
	Black	78	20,932	57	18,132	*	*
	Native American	*	*	*	*	*	*
	Asian	26	18,318	*	*	*	*
	All	988	21,467	683	22,352	305	19,486
Unknown	White	301	12,790	179	16,280	122	7,690
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	344	12,727	201	15,552	143	8,762

Age calculated as of study start date.

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

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

Table K.16
Medicare Payments (\$) per Patient Year at Risk: 1996
period prevalent patients, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	194,451	153,403	131,752	20,323	1,328	41,048
Total Medicare	46,151	53,522	54,403	45,674	86,157	18,604
Total inpatient	16,969	18,204	18,145	17,019	42,155	12,357
Medical DRG	6,673	7,448	7,322	7,595	17,645	3,777
Surgical DRG	8,746	10,055	10,129	8,718	23,240	3,853
Other DRG	122	136	141	93	223	69
Transplant DRG	865	0	0	0	0	4,096
Non-transplant pass-throughs	530	565	552	613	1,047	401
Transplant pass-throughs	34	0	0	0	0	160
Total outpatient	17,712	22,054	23,270	14,464	17,559	1,484
Outpatient hemodialysis	9,626	12,178	14,031	590	5,707	90
Outpatient peritoneal dialysis	1,140	1,441	65	10,136	4,873	16
Outpatient other dialysis	2	2	2	1	33	0
Outpatient EPO	3,437	4,346	4,730	1,948	2,905	39
Outpatient vitamin D hormones	574	727	840	24	280	3
Outpatient iron	416	527	601	57	379	4
Outpatient other injectables	121	151	159	92	218	8
Radiology	325	375	404	192	312	140
Pharmacy	300	331	360	140	325	187
Ambulance	24	28	29	22	67	10
Laboratory/pathology	489	477	472	500	691	532
Outpatient other	1,257	1,471	1,578	761	1,769	456
Skilled nursing facility	977	1,184	1,216	714	5,160	206
Home health agency	1,593	1,839	1,878	1,493	3,354	670
Hospice	34	40	39	39	136	12
Total physician/supplier	8,865	10,201	9,855	11,945	17,793	3,875
Transplant surgery	84	7	7	9	16	368
Inpatient surgery	535	589	584	586	1,094	335
Outpatient surgery	354	371	378	326	391	291
E&M nephrology inpatient	299	331	329	314	808	178
E&M nephrology outpatient	46	24	23	32	43	126
E&M non-nephrology inpatient	671	752	745	705	2,157	371
E&M non-nephrology outpatient	311	328	328	318	437	247
Dialysis capitation	1,593	2,014	2,024	1,973	1,693	17
Inpatient dialysis	467	579	555	664	1,674	47
Home dialysis	608	765	144	4,587	3,892	18
Vascular access	705	878	973	236	1,272	60
Peritoneal access	21	24	13	91	120	9
Physician/supplier EPO	5	4	2	14	3	9
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	134	1	1	1	2	632
Durable medical equipment	340	370	389	234	512	230
Physician/supplier radiology	210	223	221	225	350	163
Physician/supplier lab/pathology	971	1,147	1,197	829	1,001	315
Physician/supplier ambulance	895	1,119	1,255	216	1,419	60
Other physician/supplier	616	674	686	584	907	398

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.17

Medicare Payments (\$) per Patient Year at Risk: 1997*period prevalent patients, as-treated model, never msp in period*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	199,740	156,287	136,923	18,022	1,342	43,453
Total Medicare	46,349	54,224	54,923	46,379	88,323	18,023
Total inpatient	17,093	18,604	18,516	17,513	42,281	11,659
Medical DRG	7,031	7,940	7,830	7,963	18,945	3,759
Surgical DRG	8,575	9,909	9,940	8,792	21,836	3,775
Other DRG	141	159	162	120	299	80
Transplant DRG	759	0	0	0	0	3,487
Non-transplant pass-throughs	556	596	584	639	1,201	410
Transplant pass-throughs	32	0	0	0	0	147
Total outpatient	17,621	22,121	23,222	14,072	17,897	1,434
Outpatient hemodialysis	9,660	12,320	13,924	597	6,087	94
Outpatient peritoneal dialysis	952	1,212	55	9,763	4,422	15
Outpatient other dialysis	2	2	2	1	34	0
Outpatient EPO	3,367	4,291	4,609	1,968	3,069	42
Outpatient vitamin D hormones	613	782	886	26	328	4
Outpatient iron	559	713	798	81	528	6
Outpatient other injectables	144	182	193	93	259	8
Radiology	326	379	405	186	333	136
Pharmacy	292	321	344	144	367	187
Ambulance	27	32	33	21	63	9
Laboratory/pathology	464	452	449	460	701	507
Outpatient other	1,214	1,433	1,523	732	1,707	425
Skilled nursing facility	1,160	1,417	1,445	879	5,760	236
Home health agency	1,658	1,935	1,976	1,490	3,643	662
Hospice	42	49	48	43	219	18
Total physician/supplier	8,775	10,098	9,715	12,382	18,522	4,014
Transplant surgery	74	6	6	8	10	318
Inpatient surgery	516	575	571	567	1,068	304
Outpatient surgery	353	376	382	329	400	270
E&M nephrology inpatient	302	338	337	310	822	174
E&M nephrology outpatient	45	22	21	30	43	125
E&M non-nephrology inpatient	724	823	817	757	2,335	368
E&M non-nephrology outpatient	337	358	359	342	508	261
Dialysis capitation	1,314	1,676	1,680	1,682	1,276	12
Inpatient dialysis	414	518	501	578	1,435	41
Home dialysis	569	722	117	5,060	4,121	18
Vascular access	704	883	964	236	1,258	61
Peritoneal access	18	20	11	85	103	8
Physician/supplier EPO	4	2	1	9	6	10
Physician/supplier iron	0	0	0	2	2	0
Immunosuppressive drugs	165	1	1	0	2	756
Durable medical equipment	374	385	401	245	627	336
Physician/supplier radiology	200	213	212	214	346	151
Physician/supplier lab/pathology	935	1,118	1,152	865	1,055	276
Physician/supplier ambulance	889	1,119	1,230	230	1,744	63
Other physician/supplier	838	943	953	833	1,360	461

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.18
Medicare Payments (\$) per Patient Year at Risk: 1998
period prevalent patients, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	202,906	157,451	140,806	15,435	1,210	45,455
Total Medicare	45,524	53,776	54,266	46,501	89,551	16,939
Total inpatient	16,745	18,432	18,286	17,815	43,370	10,899
Medical DRG	7,253	8,267	8,137	8,447	21,097	3,738
Surgical DRG	8,095	9,442	9,432	8,624	20,998	3,432
Other DRG	167	185	189	142	268	107
Transplant DRG	706	0	0	0	0	3,150
Non-transplant pass-throughs	498	539	528	601	1,007	358
Transplant pass-throughs	26	0	0	0	0	114
Total outpatient	17,775	22,524	23,570	13,355	17,751	1,327
Outpatient hemodialysis	9,623	12,374	13,715	614	6,332	91
Outpatient peritoneal dialysis	726	932	42	8,848	3,520	12
Outpatient other dialysis	2	2	2	1	21	0
Outpatient EPO	3,724	4,787	5,085	2,162	3,532	44
Outpatient vitamin D hormones	636	818	908	30	354	4
Outpatient iron	590	759	833	99	573	6
Outpatient other injectables	210	268	286	94	308	8
Radiology	322	379	401	185	326	125
Pharmacy	334	377	400	159	411	185
Ambulance	26	31	32	24	65	9
Laboratory/pathology	421	412	409	431	602	452
Outpatient other	1,162	1,384	1,455	711	1,708	391
Skilled nursing facility	1,222	1,507	1,528	919	6,547	232
Home health agency	1,117	1,308	1,333	980	2,696	452
Hospice	43	51	49	51	231	14
Total physician/supplier	8,623	9,954	9,501	13,381	18,957	4,015
Transplant surgery	69	7	6	8	8	285
Inpatient surgery	475	533	530	523	1,029	274
Outpatient surgery	342	365	371	311	401	263
E&M nephrology inpatient	321	365	363	342	908	169
E&M nephrology outpatient	44	22	21	30	39	119
E&M non-nephrology inpatient	777	898	890	825	2,718	360
E&M non-nephrology outpatient	356	382	382	368	532	267
Dialysis capitation	1,326	1,705	1,709	1,700	1,263	12
Inpatient dialysis	408	515	496	608	1,499	38
Home dialysis	550	705	93	6,007	4,229	13
Vascular access	707	895	963	243	1,322	56
Peritoneal access	15	17	9	81	106	6
Physician/supplier EPO	4	2	1	7	10	12
Physician/supplier iron	0	0	0	1	0	0
Immunosuppressive drugs	183	1	1	0	0	813
Durable medical equipment	368	355	367	229	585	414
Physician/supplier radiology	227	245	244	246	390	164
Physician/supplier lab/pathology	748	893	908	756	914	247
Physician/supplier ambulance	850	1,078	1,168	227	1,534	61
Other physician/supplier	854	972	979	868	1,468	443

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.19

Medicare Payments (\$) per Patient Year at Risk: 1999*period prevalent patients, as-treated model, never msp in period*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	206,566	159,472	144,830	13,566	1,076	47,094
Total Medicare	45,505	54,207	54,732	45,732	90,317	16,037
Total inpatient	17,108	19,051	18,983	17,610	46,453	10,527
Medical DRG	7,660	8,816	8,749	8,410	22,924	3,745
Surgical DRG	8,106	9,514	9,511	8,537	22,187	3,336
Other DRG	179	202	208	125	310	101
Transplant DRG	666	0	0	0	0	2,922
Non-transplant pass-throughs	476	519	514	538	1,032	330
Transplant pass-throughs	21	0	0	0	0	93
Total outpatient	18,507	23,590	24,590	13,367	17,912	1,296
Outpatient hemodialysis	9,809	12,677	13,855	628	6,052	94
Outpatient peritoneal dialysis	615	793	41	8,589	3,719	12
Outpatient other dialysis	3	3	3	1	58	0
Outpatient EPO	4,239	5,475	5,760	2,546	4,077	53
Outpatient vitamin D hormones	620	801	877	29	330	5
Outpatient iron	606	783	849	93	577	7
Outpatient other injectables	261	335	360	76	221	10
Radiology	324	383	402	180	306	126
Pharmacy	467	556	594	161	446	163
Ambulance	25	29	30	22	69	9
Laboratory/pathology	397	384	383	383	526	442
Outpatient other	1,142	1,369	1,435	659	1,530	374
Skilled nursing facility	997	1,239	1,263	676	5,049	177
Home health agency	321	411	415	257	1,840	17
Hospice	50	60	60	47	249	19
Total physician/supplier	8,521	9,856	9,422	13,775	18,814	4,002
Transplant surgery	63	7	6	10	10	255
Inpatient surgery	430	485	484	455	992	242
Outpatient surgery	326	347	352	293	372	258
E&M nephrology inpatient	323	370	369	330	931	164
E&M nephrology outpatient	44	22	21	32	46	120
E&M non-nephrology inpatient	824	961	958	840	2,854	360
E&M non-nephrology outpatient	380	410	411	387	562	277
Dialysis capitation	1,329	1,717	1,721	1,721	1,255	13
Inpatient dialysis	381	484	470	553	1,491	33
Home dialysis	510	658	80	6,532	4,347	12
Vascular access	725	924	986	233	1,286	54
Peritoneal access	13	15	9	78	89	5
Physician/supplier EPO	4	2	1	7	9	14
Physician/supplier iron	0	0	0	1	0	0
Immunosuppressive drugs	181	1	1	2	2	791
Durable medical equipment	371	345	356	205	544	461
Physician/supplier radiology	231	252	251	244	419	162
Physician/supplier lab/pathology	700	835	848	701	851	242
Physician/supplier ambulance	754	959	1,027	211	1,245	60
Other physician/supplier	930	1,063	1,071	940	1,509	481

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months.

Patients of unknown age are excluded.

Table K.20
Medicare Payments (\$) per Patient Year at Risk: 2000
period prevalent patients, as-treated model, never msp in period

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	211,044	162,974	149,288	12,758	928	48,070
Total Medicare	46,691	55,516	56,158	46,426	77,173	16,769
Total inpatient	16,860	18,702	18,730	17,124	35,946	10,616
Medical DRG	7,659	8,797	8,781	8,327	17,796	3,801
Surgical DRG	7,881	9,188	9,229	8,136	16,936	3,453
Other DRG	168	182	188	114	189	117
Transplant DRG	646	0	0	0	0	2,836
Non-transplant pass-throughs	488	536	532	547	1,026	325
Transplant pass-throughs	19	0	0	0	0	84
Total outpatient	18,913	24,104	25,075	13,190	17,884	1,314
Outpatient hemodialysis	10,022	12,945	14,053	489	5,920	113
Outpatient peritoneal dialysis	554	714	30	8,528	3,441	9
Outpatient other dialysis	2	3	3	2	34	0
Outpatient EPO	4,359	5,625	5,884	2,669	4,678	68
Outpatient vitamin D hormones	1,027	1,327	1,442	40	484	10
Outpatient iron	613	791	853	84	513	8
Outpatient other injectables	318	394	421	76	273	61
Radiology	282	333	348	153	256	110
Pharmacy	260	303	316	150	401	111
Ambulance	27	32	33	25	68	10
Laboratory/pathology	389	374	375	361	483	436
Outpatient other	1,060	1,262	1,317	613	1,333	377
Skilled nursing facility	1,080	1,340	1,387	641	3,449	197
Home health agency	836	985	1,000	780	1,535	331
Hospice	57	70	70	55	321	15
Total physician/supplier	8,944	10,315	9,898	14,636	18,039	4,296
Transplant surgery	61	6	6	9	16	247
Inpatient surgery	456	508	509	481	811	279
Outpatient surgery	360	378	380	346	402	299
E&M nephrology inpatient	323	368	369	332	661	170
E&M nephrology outpatient	46	22	21	32	40	128
E&M non-nephrology inpatient	870	1,011	1,014	876	2,245	392
E&M non-nephrology outpatient	434	469	470	448	570	315
Dialysis capitation	1,464	1,891	1,893	1,891	1,544	15
Inpatient dialysis	340	432	423	501	935	30
Home dialysis	503	649	73	7,025	5,670	11
Vascular access	677	860	916	208	857	55
Peritoneal access	12	14	9	69	95	5
Physician/supplier EPO	7	4	4	9	11	18
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	264	2	2	3	2	1,153
Durable medical equipment	321	364	375	227	410	177
Physician/supplier radiology	254	276	276	270	411	180
Physician/supplier lab/pathology	715	850	861	716	875	260
Physician/supplier ambulance	844	1,073	1,144	232	1,117	67
Other physician/supplier	992	1,139	1,153	960	1,365	493

The payment values include pro-rated Medicare payments starting on the later of the date of first ESRD service plus 30 days or the first month in which dialysis payments total \$675 or more. Patients are at risk until death, modality change, transplant, or the end of the period (12/31/00). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months. Patients of unknown age are excluded.

Table K.21

Part B Medicare Payments (\$) per Patient Year at Risk: by Physician/Supplier Specialty*period prevalent patients, 1996-2000 combined, as-treated model, never MSP in period*

	1996	1997	1998	1999	2000
Total	8,865	8,775	8,623	8,521	8,944
Nephrology	2,061	1,946	1,988	1,967	2,040
Pediatric medicine	1,223	998	893	851	835
Medical supply company	995	1,026	856	770	790
Laboratory	914	886	694	640	650
Ambulance service supplier	900	895	857	761	851
Internal medicine	624	607	621	640	679
General surgery	552	521	474	453	445
Radiology (diagnostic and therapeutic)	391	388	455	471	477
Cardiology	241	251	276	290	306
Anesthesiology	248	257	246	246	244
Multispecialty clinic/group practice	232	237	213	221	267
Pharmacy	170	168	382	483	537
Ophthalmology	147	145	132	130	140
Vascular surgery	141	145	140	143	145
Thoracic surgery	112	100	89	83	77
General and family practice	93	98	109	116	130
Emergency medicine	101	108	116	125	142
Gastroenterology	93	95	99	95	94
Urology	76	74	71	71	70
Pulmonary disease	70	74	79	88	91
Orthopedic surgery	73	75	74	75	79
Neurology	60	61	62	67	71
Hematology/oncology	40	46	51	59	69
Infectious disease	48	55	60	67	70
Pathology	46	42	43	43	46
Therapeutic services	44	47	53	59	66
Podiatry	44	48	47	50	57
Cardiac surgery	27	27	25	27	28
Dermatology	31	32	31	34	39
Ambulatory surgery center	26	29	30	33	36
Psychiatry (includes neuropsychiatry)	25	26	26	24	24
Obstetrics/gynecology	21	22	21	20	23
Endocrinology	19	20	22	23	25
Plastic and reconstructive surgery	21	20	18	18	19
Otolaryngology	17	17	17	17	18
Geriatric medicine	6	7	8	10	13
Neurosurgery	14	15	14	13	15
Peripheral vascular disease	8	7	7	6	6
Rheumatology	7	8	8	8	8
Optometry	7	8	8	10	13
Home health agency	9	6	4	3	3
Hospital	6	6	4	2	3
Nuclear medicine	5	4	5	5	5
Chiropractic	3	4	4	4	4
Colorectal surgery	3	2	2	2	3
Allergy/immunology	1	1	1	1	1
Other nursing facility	1	2	1	2	1
Maxillofacial and oral surgery	1	1	1	1	1
Skilled nursing facility	1	1	1	1	0
Intermediate care nursing facility	1	0	0	0	0
Other medical care/supplies	3	7	5	13	18
Unknown	85	111	79	34	13
Patients	241,353	250,625	255,428	261,223	263,522
Total years at risk	194,451	199,740	202,906	206,566	211,044
Fertile female patients (age>13)	113,460	118,120	120,347	123,002	123,585
Fertile female years at risk	91,127	93,547	94,881	96,688	98,226
Pediatric patients (age<20)	2,933	3,126	3,287	3,397	3,534
Pediatric years at risk	2,613	2,814	2,946	3,057	3,146
Geriatric patients (age>64)	105,509	109,599	111,830	114,169	113,941
Geriatric years at risk	77,154	78,021	79,212	80,473	82,293

Patients of unknown age are excluded.

The pediatric medicine rate uses pediatric (age <20) years at risk, the geriatric medicine rate uses geriatric (age >64) years at risk, and the obstetrics/gynecology rate uses fertile female (age >13) years at risk. All other rates are calculated using total years at risk.

