




K

 SECTION K
ECONOMIC COSTS
OF ESRD



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Table K.1
Medicare Payments (\$) for ESRD Patients

	1995	1996	1997	1998	1999
Patients	269,489	285,831	303,696	316,697	328,694
Patient years at risk	225,389	239,663	253,318	264,218	274,592
Total Medicare	9,093,607,880	10,211,390,344	10,960,544,163	11,071,883,920	11,312,410,834
Total inpatient	3,602,037,608	4,011,096,592	4,324,189,351	4,326,569,132	4,420,572,334
Medical DRG	1,339,645,174	1,558,927,656	1,752,821,816	1,869,119,860	1,996,855,877
Surgical DRG	1,908,945,254	2,092,429,652	2,195,235,220	2,100,230,943	2,074,025,659
Other DRG	23,886,162	27,090,282	33,581,265	40,944,630	45,325,517
Transplant DRG	189,136,238	196,825,382	191,188,010	178,777,154	174,534,582
Non-transplant pass-throughs	131,504,042	128,193,347	143,394,094	130,900,294	124,190,790
Transplant pass-throughs	8,920,738	7,630,273	7,968,946	6,596,250	5,639,909
Total Outpatient	3,203,126,730	3,653,825,192	3,880,614,604	4,052,378,382	4,399,593,670
Outpatient hemodialysis	1,772,782,290	1,964,836,296	2,100,588,023	2,168,876,375	2,308,767,968
Outpatient peritoneal dialysis	243,599,738	242,111,200	222,772,829	176,921,728	158,653,000
Outpatient other dialysis	249,325	370,831	392,453	438,355	672,156
Outpatient EPO	568,648,218	702,688,730	736,067,474	844,264,411	1,004,762,376
Outpatient Calcijex	90,123,885	115,873,171	131,379,454	141,620,594	144,683,690
Outpatient iron	49,540,063	85,343,261	121,820,405	133,478,503	140,979,326
Outpatient other injectables	18,691,530	25,345,975	32,312,820	48,033,671	61,463,057
Radiology	56,150,797	69,195,135	73,956,933	75,567,884	78,989,943
Pharmacy	65,243,200	63,982,493	66,629,143	78,141,115	112,949,844
Ambulance	4,911,882	5,491,960	6,487,311	6,412,946	6,202,512
Laboratory/pathology	101,628,871	107,881,971	109,614,664	103,133,801	101,001,180
Outpatient other	231,556,930	270,704,169	278,593,095	275,489,000	280,468,618
Skilled nursing facility	162,652,480	226,330,848	283,832,882	308,671,145	256,901,646
Home health agency	289,209,874	348,075,595	380,289,230	264,442,537	79,801,243
Hospice	8,599,741	10,112,347	12,182,048	13,612,186	16,521,905
Total physician/supplier	1,827,981,447	1,961,949,769	2,079,436,050	2,106,210,538	2,139,020,037
Transplant surgery	20,097,392	19,236,164	19,053,607	17,801,263	16,807,689
Inpatient surgery	126,586,310	123,512,381	127,222,597	118,882,627	116,501,630
Outpatient surgery	73,738,745	78,125,951	82,789,272	82,971,997	91,655,481
E&M nephrology inpatient	69,361,188	70,514,549	76,058,581	81,797,449	83,275,603
E&M nephrology outpatient	11,065,163	11,043,813	11,539,204	11,643,060	12,205,962
E&M non-nephrology inpatient	154,903,256	166,217,821	190,138,621	205,883,434	218,244,611
E&M non-nephrology outpatient	64,144,213	69,856,701	80,626,761	87,860,440	96,508,557
Dialysis capitation	225,345,194	328,845,821	289,099,347	302,970,656	316,015,109
Inpatient dialysis	118,270,297	109,561,510	103,897,622	105,094,795	100,436,413
Home dialysis	123,607,153	131,880,249	135,439,095	135,543,886	129,838,599
Vascular access	162,692,011	162,088,240	172,455,527	175,849,598	165,818,734
Peritoneal access	5,265,473	5,479,336	4,901,865	4,152,808	3,698,191
Physician/supplier EPO	1,330,647	1,541,476	1,441,656	1,481,265	1,603,252
Physician/supplier iron	87,322	85,576	96,012	56,956	42,805
Immunosuppressive drugs	23,410,755	31,750,281	42,040,531	47,150,980	47,989,402
Durable medical equipment	69,038,643	73,431,610	86,379,166	88,712,608	92,800,774
Physician/supplier radiology	47,605,810	48,533,994	49,287,804	57,450,842	60,126,926
Physician/supplier lab/pathology	193,821,049	205,942,115	211,324,797	175,820,638	171,148,482
Physician/supplier ambulance	180,848,744	186,587,035	197,000,765	195,525,623	178,861,085
Other physician/supplier	156,762,081	137,715,149	198,643,223	209,559,612	235,440,732

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; as-treated model spanning 1995-1999

	All	Never MSP in period	MSP during period	MSP entire period
Modality periods	654,042	559,871	78,872	15,299
Patient years at risk	1,134,354	954,500	156,364	23,490
Total Medicare	46,247,941,005	43,282,389,274	2,877,386,425	88,165,306
Total inpatient	17,226,226,643	15,961,596,987	1,212,145,145	52,484,510
Medical DRG	7,107,942,587	6,633,780,245	453,982,919	20,179,423
Surgical DRG	8,539,043,493	7,952,162,012	563,013,243	23,868,237
Other DRG	147,999,075	138,442,555	9,029,216	527,305
Transplant DRG	859,597,934	710,565,095	143,312,680	5,720,159
Non-transplant pass-throughs	537,620,860	498,529,138	37,107,081	1,984,641
Transplant pass-throughs	34,022,693	28,117,943	5,700,005	204,745
Total outpatient	17,822,876,376	16,850,949,298	965,247,961	6,679,118
Outpatient hemodialysis	9,639,345,862	9,177,072,440	461,586,611	686,811
Outpatient peritoneal dialysis	956,776,041	863,729,015	92,744,877	302,149
Outpatient other dialysis	1,793,935	1,671,788	122,158	11
Outpatient EPO	3,590,871,361	3,398,885,709	191,728,738	256,914
Outpatient Calcijex	587,149,601	560,237,336	26,891,679	20,586
Outpatient iron	494,280,428	468,752,484	25,505,609	22,335
Outpatient other injectables	170,188,986	160,660,741	9,489,897	38,348
Radiology	323,142,221	301,703,846	20,747,927	690,447
Pharmacy	355,505,017	331,829,658	23,108,158	567,201
Ambulance	25,427,945	24,073,578	1,288,379	65,988
Laboratory/pathology	471,714,495	429,851,825	40,071,324	1,791,346
Outpatient other	1,206,680,484	1,132,480,877	71,962,602	2,237,005
Skilled nursing facility	1,032,723,747	987,504,086	42,980,660	2,239,000
Home health agency	1,211,231,618	1,155,270,159	52,395,734	3,565,725
Hospice	41,210,859	38,558,872	2,165,191	486,796
Total physician/supplier	8,913,671,763	8,288,509,872	602,451,735	22,710,156
Transplant surgery	87,161,858	70,885,415	15,427,409	849,034
Inpatient surgery	527,345,503	487,594,586	37,865,186	1,885,731
Outpatient surgery	370,370,515	338,460,074	30,056,036	1,854,406
E&M nephrology inpatient	318,511,230	296,782,171	20,897,814	831,245
E&M nephrology outpatient	50,505,826	43,028,426	6,908,153	569,247
E&M non-nephrology inpatient	751,191,494	699,858,199	49,048,490	2,284,805
E&M non-nephrology outpatient	352,310,324	322,472,872	28,046,520	1,790,932
Dialysis capitation	1,358,564,371	1,278,515,636	78,719,293	1,329,441
Inpatient dialysis	442,101,811	418,389,756	23,242,640	469,415
Home dialysis	591,385,125	532,741,093	58,322,108	321,924
Vascular access	707,356,735	668,888,965	37,514,954	952,816
Peritoneal access	18,329,718	16,239,788	1,980,134	109,796
Physician/supplier EPO	4,774,219	4,073,843	653,700	46,675
Physician/supplier iron	317,651	293,348	21,114	3,188
Immunosuppressive drugs	179,556,851	144,762,349	33,462,758	1,331,744
Durable medical equipment	370,685,304	343,245,047	26,216,350	1,223,907
Physician/supplier radiology	227,970,902	209,059,730	17,958,128	953,044
Physician/supplier lab/pathology	872,668,188	820,428,911	50,760,532	1,478,745
Physician/supplier ambulance	853,636,439	828,378,009	24,254,955	1,003,476
Other physician/supplier	828,927,699	764,411,654	61,095,461	3,420,585

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 (12/31/99). 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; as-treated model spanning 1995-1999

	All	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Modality periods	559,871	366,614	66,369	59,431	67,457
Patient years at risk	954,500	650,683	83,193	8,648	211,976
Total Medicare	43,282,389,274	35,150,597,781	3,829,989,534	678,915,256	3,622,886,703
Total inpatient	15,961,596,987	11,838,854,149	1,448,441,166	307,916,233	2,366,385,440
Medical DRG	6,633,780,245	5,055,110,380	666,083,681	135,901,154	776,685,030
Surgical DRG	7,952,162,012	6,318,670,242	720,142,491	160,995,589	752,353,690
Other DRG	138,442,555	108,960,634	9,959,180	1,564,251	17,958,490
Transplant DRG	710,565,095	0	0	0	710,565,095
Non-transplant pass-throughs	498,529,138	356,112,894	52,255,814	9,455,240	80,705,191
Transplant pass-throughs	28,117,943	0	0	0	28,117,943
Total outpatient	16,850,949,298	15,219,285,424	1,168,784,284	166,998,581	295,881,009
Outpatient hemodialysis	9,177,072,440	9,023,427,844	57,205,961	72,047,292	24,391,344
Outpatient peritoneal dialysis	863,729,015	862,356,997	794,617,546	23,741,315	3,013,158
Outpatient other dialysis	1,671,788	1,480,777	62,864	90,023	38,123
Outpatient EPO	3,398,885,709	3,184,340,533	170,872,495	32,296,251	11,376,430
Outpatient Calcijex	560,237,336	553,165,003	2,467,938	3,486,652	1,117,743
Outpatient iron	468,752,484	455,831,378	6,458,132	5,109,013	1,353,961
Outpatient other injectables	160,660,741	149,091,299	7,433,455	2,293,125	1,842,863
Radiology	301,703,846	255,842,999	15,636,039	2,994,114	27,230,694
Pharmacy	331,829,658	279,432,233	12,494,379	3,474,821	36,428,224
Ambulance	24,073,578	19,749,533	1,890,926	500,183	1,932,936
Laboratory/pathology	429,851,825	283,431,201	38,824,830	5,838,413	101,757,380
Outpatient other	1,132,480,877	971,135,627	60,819,719	15,127,379	85,398,152
Skilled nursing facility	987,504,086	838,052,218	67,417,135	40,120,894	41,913,839
Home health agency	1,155,270,159	931,971,506	101,831,974	23,366,965	98,099,715
Hospice	38,558,872	30,348,302	3,887,873	1,213,679	3,109,018
Total physician/supplier	8,288,509,872	6,292,086,181	1,039,627,103	139,298,905	817,497,683
Transplant surgery	70,885,415	4,286,743	748,066	136,155	65,714,451
Inpatient surgery	487,594,586	370,244,788	46,998,649	7,569,202	62,781,947
Outpatient surgery	338,460,074	251,490,066	26,767,789	3,409,711	56,792,508
E&M nephrology inpatient	296,782,171	227,052,222	27,461,526	5,737,187	36,531,237
E&M nephrology outpatient	43,028,426	14,286,933	2,687,276	315,434	25,738,784
E&M non-nephrology inpatient	699,858,199	541,042,233	64,637,930	17,095,116	77,082,920
E&M non-nephrology outpatient	322,472,872	235,839,773	28,557,038	4,016,506	54,059,556
Dialysis capitation	1,278,515,636	1,121,404,675	140,798,748	12,777,394	3,534,819
Inpatient dialysis	418,389,756	344,250,547	54,388,320	10,578,754	9,172,135
Home dialysis	532,741,093	75,478,511	427,515,754	26,288,301	3,458,527
Vascular access	668,888,965	624,532,288	20,401,404	11,202,975	12,752,299
Peritoneal access	16,239,788	7,257,673	6,829,568	647,903	1,504,644
Physician/supplier EPO	4,073,843	911,772	905,528	41,715	2,214,828
Physician/supplier iron	293,348	141,924	102,653	4,542	44,228
Immunosuppressive drugs	144,762,349	610,892	89,365	17,039	144,045,053
Durable medical equipment	343,245,047	254,428,334	19,935,985	4,240,621	64,640,108
Physician/supplier radiology	209,059,730	152,816,774	19,414,216	2,880,564	33,948,177
Physician/supplier lab/pathology	820,428,911	685,986,546	66,594,080	8,620,583	59,227,701
Physician/supplier ambulance	828,378,009	781,853,206	19,615,584	13,913,643	12,995,576
Other physician/supplier	764,411,654	598,170,281	65,177,625	9,805,561	91,258,186

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 (12/31/99). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months. Year=ALL means the modality period defined above, rather than the entire five-year period. Includes only patients who were never Medicare Secondary Pay in period.

Table K.4

Medicare Payments (\$) per Patient Year at Risk: All Patients*never MSP in period; as-treated model spanning 1995-1999*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	954,500	742,525	650,683	83,193	8,648	211,976
Total Medicare	45,346	53,412	54,021	46,037	78,506	17,091
Total inpatient	16,722	18,309	18,194	17,411	35,606	11,163
Medical DRG	6,950	7,888	7,769	8,006	15,715	3,664
Surgical DRG	8,331	9,696	9,711	8,656	18,617	3,549
Other DRG	145	162	167	120	181	85
Transplant DRG	744	0	0	0	0	3,352
Non-transplant pass-throughs	522	563	547	628	1,093	381
Transplant pass-throughs	29	0	0	0	0	133
Total Outpatient	17,654	22,296	23,390	14,049	19,311	1,396
Outpatient hemodialysis	9,615	12,326	13,868	688	8,331	115
Outpatient peritoneal dialysis	905	1,159	65	9,551	2,745	14
Outpatient other dialysis	2	2	2	1	10	0
Outpatient EPO	3,561	4,562	4,894	2,054	3,735	54
Outpatient Calcijex	587	753	850	30	403	5
Outpatient iron	491	629	701	78	591	6
Outpatient other injectables	168	214	229	89	265	9
Radiology	316	370	393	188	346	128
Pharmacy	348	398	429	150	402	172
Ambulance	25	30	30	23	58	9
Laboratory/pathology	450	442	436	467	675	480
Outpatient other	1,186	1,410	1,492	731	1,749	403
Skilled nursing facility	1,035	1,273	1,288	810	4,639	198
Home health agency	1,210	1,424	1,432	1,224	2,702	463
Hospice	40	48	47	47	140	15
Total physician/supplier	8,684	10,062	9,670	12,497	16,108	3,857
Transplant surgery	74	7	7	9	16	310
Inpatient surgery	511	572	569	565	875	296
Outpatient surgery	355	379	387	322	394	268
E&M nephrology inpatient	311	350	349	330	663	172
E&M nephrology outpatient	45	23	22	32	36	121
E&M non-nephrology inpatient	733	839	831	777	1,977	364
E&M non-nephrology outpatient	338	361	362	343	464	255
Dialysis capitation	1,339	1,717	1,723	1,692	1,478	17
Inpatient dialysis	438	551	529	654	1,223	43
Home dialysis	558	713	116	5,139	3,040	16
Vascular access	701	884	960	245	1,295	60
Peritoneal access	17	20	11	82	75	7
Physician/supplier EPO	4	3	1	11	5	10
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	152	1	1	1	2	680
Durable medical equipment	360	375	391	240	490	305
Physician/supplier radiology	219	236	235	233	333	160
Physician/supplier lab/pathology	860	1,025	1,054	800	997	279
Physician/supplier ambulance	868	1,098	1,202	236	1,609	61
Other physician/supplier	801	907	919	783	1,134	431

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 (12/31/99). A modality period also is censored if dialysis payments fall below \$675/month for three consecutive months. Year=ALL means the modality period defined above, rather than the entire five-year period. Includes only patients who were never Medicare Secondary Pay in period.

Table K.5
Medicare Payments (\$) per Patient Year at Risk: Patients Aged 0-19

never MSP in period; as-treated model spanning 1995-1999

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	14,195	4,851	3,030	1,662	159	9,343
Total Medicare	25,246	46,829	48,050	44,172	51,353	14,039
Total inpatient	12,475	17,400	16,857	18,001	21,465	9,918
Medical DRG	5,599	8,686	8,185	9,256	12,274	3,996
Surgical DRG	4,060	7,914	7,885	7,895	8,671	2,058
Other DRG	124	205	208	220	0	81
Transplant DRG	2,233	0	0	0	0	3,393
Non-transplant pass-throughs	388	595	579	630	519	281
Transplant pass-throughs	72	0	0	0	0	109
Total Outpatient	7,928	20,347	23,880	14,412	15,047	1,480
Outpatient hemodialysis	3,175	9,039	13,987	590	3,064	130
Outpatient peritoneal dialysis	1,393	4,003	228	10,525	7,784	37
Outpatient other dialysis	1	2	2	1	3	1
Outpatient EPO	1,169	3,316	4,578	1,222	1,168	54
Outpatient Calcijex	196	563	883	24	100	5
Outpatient iron	121	343	522	40	98	6
Outpatient other injectables	75	196	276	61	84	12
Radiology	162	298	379	158	193	91
Pharmacy	280	433	570	202	234	201
Ambulance	14	26	16	43	24	7
Laboratory/pathology	712	949	977	878	1,177	589
Outpatient other	631	1,179	1,464	667	1,118	346
Skilled nursing facility	23	63	78	37	53	3
Home health agency	106	159	135	196	228	78
Hospice	4	8	11	4	0	1
Total physician/supplier	4,710	8,852	7,088	11,521	14,559	2,559
Transplant surgery	248	53	48	56	126	349
Inpatient surgery	229	336	341	325	373	174
Outpatient surgery	98	144	164	109	123	74
E&M nephrology inpatient	128	197	211	168	233	92
E&M nephrology outpatient	56	24	22	28	43	73
E&M non-nephrology inpatient	393	525	508	538	715	325
E&M non-nephrology outpatient	233	252	252	250	281	224
Dialysis capitation	671	1,917	1,894	1,963	1,880	25
Inpatient dialysis	253	649	617	681	925	47
Home dialysis	914	2,581	449	5,952	7,960	49
Vascular access	247	617	868	180	387	56
Peritoneal access	30	58	24	116	108	16
Physician/supplier EPO	4	6	2	10	18	4
Physician/supplier iron	0	0	0	0	1	0
Immunosuppressive drugs	315	5	7	2	7	476
Durable medical equipment	165	157	141	161	415	170
Physician/supplier radiology	100	138	148	119	141	81
Physician/supplier lab/pathology	303	589	726	368	281	155
Physician/supplier ambulance	60	130	161	76	90	24
Other physician/supplier	258	473	504	419	450	147

Table K.6

Medicare Payments (\$) per Patient Year at Risk: Patients Aged 20-44*never MSP in period; as-treated model spanning 1995-1999*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	234,288	137,661	113,807	22,717	1,137	96,626
Total Medicare	34,420	47,451	48,519	41,727	54,877	15,856
Total inpatient	13,708	16,023	16,114	15,211	23,117	10,411
Medical DRG	5,437	6,916	6,815	7,266	9,989	3,330
Surgical DRG	6,176	8,365	8,548	7,261	12,165	3,057
Other DRG	180	241	263	130	212	94
Transplant DRG	1,426	0	0	0	0	3,459
Non-transplant pass-throughs	433	501	487	555	752	336
Transplant pass-throughs	56	0	0	0	0	135
Total outpatient	13,530	22,038	23,686	14,021	17,263	1,410
Outpatient hemodialysis	6,883	11,620	13,853	696	6,398	134
Outpatient peritoneal dialysis	996	1,682	103	9,494	3,683	18
Outpatient other dialysis	1	2	3	1	5	0
Outpatient EPO	2,735	4,610	5,119	2,108	3,662	63
Outpatient Calcijex	459	777	929	36	322	6
Outpatient iron	342	577	678	79	403	7
Outpatient other injectables	121	200	222	91	172	9
Radiology	245	340	374	173	286	110
Pharmacy	323	417	471	150	339	190
Ambulance	17	23	24	18	27	8
Laboratory/pathology	461	444	436	471	630	484
Outpatient other	947	1,346	1,474	704	1,338	379
Skilled nursing facility	238	336	350	247	664	99
Home health agency	428	515	513	520	649	304
Hospice	8	11	11	10	31	4
Total physician/supplier	6,507	8,528	7,846	11,717	13,152	3,628
Transplant surgery	145	19	19	19	56	325
Inpatient surgery	363	440	442	426	535	254
Outpatient surgery	242	280	288	237	304	189
E&M nephrology inpatient	233	288	286	287	431	155
E&M nephrology outpatient	62	25	23	33	38	116
E&M non-nephrology inpatient	452	562	558	566	974	294
E&M non-nephrology outpatient	287	330	331	322	349	226
Dialysis capitation	1,026	1,732	1,740	1,708	1,491	19
Inpatient dialysis	278	444	423	532	830	41
Home dialysis	624	1,049	158	5,327	4,838	18
Vascular access	507	817	934	230	792	65
Peritoneal access	19	28	16	84	77	8
Physician/supplier EPO	6	2	1	6	1	11
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	317	3	3	3	6	765
Durable medical equipment	247	200	208	158	269	314
Physician/supplier radiology	168	193	192	193	240	133
Physician/supplier lab/pathology	699	1,004	1,048	795	787	264
Physician/supplier ambulance	246	382	427	157	380	52
Other physician/supplier	586	730	749	635	752	381

Table K.7

Medicare Payments (\$) per Patient Year at Risk: Patients Aged 45-64*never MSP in period; as-treated model spanning 1995-1999_*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	335,958	249,388	218,138	29,231	2,019	86,569
Total Medicare	43,604	52,539	53,164	47,001	65,100	17,867
Total inpatient	16,511	18,220	18,108	18,372	28,134	11,586
Medical DRG	6,449	7,373	7,254	7,962	11,679	3,787
Surgical DRG	8,549	10,134	10,150	9,644	15,401	3,985
Other DRG	131	152	157	109	150	72
Transplant DRG	824	0	0	0	0	3,196
Non-transplant pass-throughs	524	562	546	657	903	415
Transplant pass-throughs	34	0	0	0	0	132
Total outpatient	16,950	22,362	23,513	14,059	18,228	1,360
Outpatient hemodialysis	9,164	12,310	13,910	708	7,434	101
Outpatient peritoneal dialysis	889	1,194	66	9,481	3,044	10
Outpatient other dialysis	2	2	2	1	12	0
Outpatient EPO	3,464	4,651	4,998	2,127	3,674	46
Outpatient Calcijex	584	784	889	30	382	5
Outpatient iron	457	614	687	80	507	6
Outpatient other injectables	158	210	225	94	222	8
Radiology	308	366	391	188	320	141
Pharmacy	342	406	441	149	371	156
Ambulance	23	28	29	22	53	10
Laboratory/pathology	415	400	394	425	598	458
Outpatient other	1,145	1,397	1,481	755	1,613	419
Skilled nursing facility	728	891	908	688	1,998	259
Home health agency	1,115	1,288	1,288	1,248	1,899	617
Hospice	23	24	23	33	47	19
Total physician/supplier	8,277	9,753	9,325	12,601	14,794	4,026
Transplant surgery	79	7	7	7	20	287
Inpatient surgery	529	598	593	625	760	329
Outpatient surgery	378	400	407	347	424	314
E&M nephrology inpatient	296	334	332	341	505	188
E&M nephrology outpatient	50	23	22	31	35	127
E&M non-nephrology inpatient	665	756	747	786	1,303	404
E&M non-nephrology outpatient	326	345	346	334	400	269
Dialysis capitation	1,275	1,712	1,721	1,662	1,470	14
Inpatient dialysis	400	523	500	665	969	45
Home dialysis	548	733	121	5,073	4,029	13
Vascular access	643	847	925	254	1,044	57
Peritoneal access	16	20	11	82	71	6
Physician/supplier EPO	5	2	1	10	4	11
Physician/supplier iron	0	0	0	1	0	0
Immunosuppressive drugs	163	1	1	1	4	629
Durable medical equipment	356	374	390	247	397	306
Physician/supplier radiology	220	234	233	241	280	178
Physician/supplier lab/pathology	842	1,033	1,064	818	895	290
Physician/supplier ambulance	644	844	925	227	1,041	69
Other physician/supplier	842	964	978	848	1,143	490

Table K.8
Medicare Payments (\$) per Patient Year at Risk: Patients Aged 65-74
never MSP in period; as-treated model spanning 1995-1999

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	237,779	219,373	195,286	21,079	3,008	18,406
Total Medicare	53,286	55,971	56,312	48,586	85,607	21,284
Total inpatient	18,814	19,247	19,017	18,395	40,198	13,644
Medical DRG	8,009	8,293	8,151	8,381	16,931	4,620
Surgical DRG	9,810	10,231	10,159	9,240	21,842	4,797
Other DRG	136	139	141	115	196	96
Transplant DRG	271	0	0	0	0	3,496
Non-transplant pass-throughs	577	584	566	660	1,229	496
Transplant pass-throughs	11	0	0	0	0	138
Total outpatient	20,816	22,440	23,374	14,119	20,128	1,457
Outpatient hemodialysis	11,584	12,550	13,887	685	8,863	77
Outpatient peritoneal dialysis	930	1,008	56	9,597	2,620	7
Outpatient other dialysis	2	2	2	1	10	0
Outpatient EPO	4,213	4,563	4,845	2,048	3,848	39
Outpatient Calcijex	669	725	805	26	425	3
Outpatient iron	604	654	716	78	654	4
Outpatient other injectables	198	214	227	85	288	9
Radiology	377	393	414	207	367	182
Pharmacy	369	388	413	148	430	139
Ambulance	29	31	31	24	67	11
Laboratory/pathology	463	459	453	477	691	510
Outpatient other	1,378	1,454	1,524	743	1,867	476
Skilled nursing facility	1,526	1,612	1,603	1,214	4,958	494
Home health agency	1,739	1,823	1,817	1,671	3,228	747
Hospice	59	59	57	70	137	54
Total physician/supplier	10,332	10,789	10,443	13,116	16,957	4,888
Transplant surgery	27	2	2	1	3	320
Inpatient surgery	623	639	631	663	1,034	423
Outpatient surgery	434	425	428	391	452	547
E&M nephrology inpatient	367	379	376	357	744	229
E&M nephrology outpatient	33	23	22	32	37	147
E&M non-nephrology inpatient	941	973	957	936	2,274	552
E&M non-nephrology outpatient	383	386	385	376	507	351
Dialysis capitation	1,589	1,722	1,727	1,703	1,495	11
Inpatient dialysis	557	600	575	725	1,351	46
Home dialysis	559	605	98	5,032	2,509	7
Vascular access	853	920	983	259	1,481	54
Peritoneal access	17	18	10	79	86	6
Physician/supplier EPO	3	3	2	15	6	9
Physician/supplier iron	0	0	0	2	0	0
Immunosuppressive drugs	46	0	0	0	0	591
Durable medical equipment	436	445	460	292	556	325
Physician/supplier radiology	261	261	258	269	381	255
Physician/supplier lab/pathology	988	1,040	1,063	820	1,086	370
Physician/supplier ambulance	1,276	1,375	1,488	282	1,705	93
Other physician/supplier	941	973	979	882	1,249	554

Table K.9
Medicare Payments (\$) per Patient Year at Risk: Patients Aged 75+

never MSP in period; as-treated model spanning 1995-1999

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	132,281	131,251	120,422	8,504	2,325	1,031
Total Medicare	57,002	57,288	57,208	48,283	94,373	20,520
Total Inpatient	19,296	19,344	19,018	17,423	43,227	13,228
Medical DRG	9,144	9,180	8,973	8,965	20,682	4,593
Surgical DRG	9,395	9,435	9,334	7,689	21,072	4,323
Other DRG	136	137	137	123	185	89
Transplant DRG	27	0	0	0	0	3,529
Non-transplant pass-throughs	592	592	575	647	1,289	549
Transplant pass-throughs	1	0	0	0	0	145
Total outpatient	22,106	22,270	22,899	13,844	20,486	1,246
Outpatient hemodialysis	12,747	12,846	13,770	621	9,728	74
Outpatient peritoneal dialysis	687	693	38	9,644	1,845	12
Outpatient other dialysis	2	2	2	0	13	0
Outpatient EPO	4,355	4,389	4,579	1,834	3,852	34
Outpatient Calcijex	716	722	776	23	454	6
Outpatient iron	678	683	726	71	708	10
Outpatient other injectables	235	237	246	84	332	4
Radiology	369	370	383	187	382	161
Pharmacy	374	377	391	151	434	72
Ambulance	39	39	39	32	68	9
Laboratory/pathology	472	473	467	493	710	401
Outpatient other	1,432	1,439	1,481	704	1,960	462
Skilled nursing facility	2,449	2,462	2,381	1,885	8,778	808
Home health agency	2,005	2,014	1,971	2,117	3,892	773
Hospice	113	113	108	139	289	66
Total physician/supplier	11,033	11,085	10,831	12,875	17,701	4,399
Transplant surgery	3	1	1	0	2	293
Inpatient surgery	556	558	552	533	971	376
Outpatient surgery	379	378	382	330	356	596
E&M nephrology inpatient	404	406	400	370	840	207
E&M nephrology outpatient	23	23	21	36	36	131
E&M non-nephrology inpatient	1,068	1,072	1,047	964	2,754	549
E&M non-nephrology outpatient	388	389	387	369	535	350
Dialysis capitation	1,683	1,696	1,703	1,677	1,426	8
Inpatient dialysis	627	631	606	759	1,491	38
Home dialysis	429	433	89	4,968	1,652	3
Vascular access	965	973	1,013	236	1,582	45
Peritoneal access	14	14	8	78	61	4
Physician/supplier EPO	3	3	2	17	4	2
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	3	0	0	0	0	372
Durable medical equipment	451	453	459	320	600	237
Physician/supplier radiology	245	245	242	247	376	238
Physician/supplier lab/pathology	1,017	1,023	1,037	794	1,121	359
Physician/supplier ambulance	1,890	1,904	1,996	394	2,682	113
Other physician/supplier	883	886	887	783	1,211	479

Table K.10

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

		All		Male		Female	
All		YAR	Payment	YAR	Payment	YAR	Payment
All	White	551,609	43,213	305,568	41,070	246,038	45,875
	Black	345,400	49,294	170,112	46,026	175,286	52,465
	Native American	16,218	43,710	7,622	41,749	8,595	45,449
	Asian	31,138	40,292	15,451	38,920	15,687	41,644
	All	954,500	45,346	504,359	42,701	450,137	48,309
Diabetics	White	181,295	52,201	93,286	49,413	88,009	55,157
	Black	108,660	57,465	41,626	54,966	67,034	59,016
	Native American	9,420	48,267	3,974	46,773	5,446	49,358
	Asian	9,472	51,983	4,398	49,530	5,074	54,110
	All	313,049	53,946	145,461	51,005	167,588	56,498
Non-diabetics	White	322,594	39,388	186,078	37,994	136,516	41,287
	Black	204,911	45,410	111,306	43,093	93,605	48,166
	Native American	5,980	37,478	3,234	36,380	2,745	38,772
	Asian	19,051	35,191	9,712	34,962	9,339	35,429
	All	556,799	41,429	312,859	39,680	243,940	43,672
Unknown	White	47,720	34,926	26,204	33,214	21,513	37,011
	Black	31,829	46,397	17,180	43,366	14,647	49,955
	Native American	818	36,794	414	35,482	404	38,140
	Asian	2,614	35,110	1,340	32,787	1,274	37,554
	All	84,652	39,304	46,040	37,001	38,608	42,052
0-19							
All	White	9,387	21,987	5,312	20,989	4,075	23,287
	Black	3,675	33,741	2,176	30,692	1,498	38,176
	Native American	266	22,492	130	17,367	137	27,360
	Asian	467	22,914	232	22,782	235	23,044
	All	14,195	25,246	8,095	23,717	6,099	27,278
Diabetics	White	42	42,468	22	35,385	*	*
	Black	26	70,062	*	*	16	83,606
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	74	52,019	33	39,565	42	61,722
Non-diabetics	White	7,929	22,456	4,467	21,404	3,462	23,813
	Black	3,100	34,002	1,870	31,234	1,230	38,209
	Native American	250	22,918	125	18,034	126	27,772
	Asian	385	23,126	194	23,801	191	22,442
	All	11,978	25,633	6,858	24,205	5,120	27,546
Unknown	White	1,416	18,758	823	18,340	594	19,338
	Black	549	30,562	296	26,652	252	35,188
	Native American	*	*	*	*	*	*
	Asian	78	21,213	38	17,575	40	24,635
	All	2,142	22,155	1,205	20,510	936	24,274
20-44							
All	White	130,273	29,651	77,034	28,589	53,237	31,188
	Black	89,887	41,882	53,292	40,384	36,595	44,064
	Native American	3,398	35,982	1,909	34,872	1,489	37,405
	Asian	8,016	27,850	4,216	26,803	3,801	29,011
	All	234,288	34,420	138,079	33,210	96,206	36,157
Diabetics	White	37,789	37,097	22,637	36,693	15,152	37,702
	Black	12,494	53,219	6,351	51,362	6,142	55,139
	Native American	1,009	45,897	538	43,733	470	48,375
	Asian	880	43,446	446	39,656	434	47,337
	All	52,672	41,288	30,278	40,058	22,394	42,952
Non-diabetics	White	77,917	26,985	46,267	25,516	31,651	29,133
	Black	67,760	40,133	40,951	38,962	26,810	41,921
	Native American	2,105	31,787	1,212	31,557	893	32,099
	Asian	6,308	26,058	3,296	25,367	3,012	26,815
	All	155,706	32,775	92,694	31,560	63,011	34,562
Unknown	White	14,567	24,591	8,130	23,511	6,435	25,953
	Black	9,633	39,483	5,990	38,464	3,643	41,160
	Native American	284	31,853	158	30,109	126	34,040
	Asian	828	24,934	474	24,710	355	25,235
	All	25,910	30,349	15,107	29,611	10,801	31,380

* 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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	173,449	40,190	96,831	37,987	76,618	42,975
	Black	140,498	48,170	72,744	45,510	67,753	51,026
	Native American	7,734	43,305	3,815	42,290	3,919	44,293
	Asian	10,342	37,978	5,385	37,089	4,957	38,944
	All	335,958	43,604	181,060	41,167	154,897	46,453
Diabetics	White	66,327	51,175	36,076	48,464	30,251	54,407
	Black	50,634	55,742	21,342	53,130	29,292	57,646
	Native American	5,348	46,290	2,484	45,774	2,864	46,738
	Asian	3,486	47,566	1,878	45,269	1,608	50,249
	All	127,759	52,732	62,922	49,940	64,838	55,440
Non-diabetics	White	92,022	33,773	52,528	32,226	39,494	35,832
	Black	76,592	43,510	44,198	42,129	32,394	45,396
	Native American	2,122	36,835	1,203	36,085	920	37,816
	Asian	5,939	32,935	3,019	32,830	2,920	33,043
	All	178,000	38,004	101,738	36,640	76,262	39,825
Unknown	White	15,100	31,050	8,227	28,826	6,873	33,712
	Black	13,271	46,168	7,204	43,682	6,067	49,122
	Native American	264	34,836	128	32,966	136	36,594
	Asian	916	34,189	488	31,958	428	36,732
	All	30,198	37,997	16,400	35,593	13,797	40,856
65-74							
All	White	146,909	52,192	76,482	50,255	70,427	54,295
	Black	77,362	55,833	29,422	53,501	47,941	57,265
	Native American	3,608	50,535	1,331	48,570	2,277	51,683
	Asian	7,691	49,472	3,435	48,271	4,256	50,440
	All	237,779	53,286	111,735	51,053	126,044	55,266
Diabetics	White	55,715	59,794	24,907	57,729	30,809	61,463
	Black	34,348	59,400	10,611	58,413	23,736	59,841
	Native American	2,471	52,353	792	50,643	1,679	53,159
	Asian	3,497	55,197	1,396	54,008	2,101	55,987
	All	97,378	59,280	38,291	57,623	59,087	60,354
Non-diabetics	White	81,501	47,782	46,409	46,957	35,092	48,872
	Black	37,160	52,835	16,228	50,816	20,932	54,400
	Native American	957	47,497	444	46,387	512	48,460
	Asian	3,697	44,497	1,830	44,183	1,867	44,806
	All	123,936	49,206	65,288	47,840	58,648	50,728
Unknown	White	9,693	45,580	5,166	43,851	4,526	47,553
	Black	5,854	53,939	2,582	50,193	3,272	56,896
	Native American	181	41,765	95	41,492	86	42,066
	Asian	498	46,199	209	45,766	288	46,513
	All	16,465	48,541	8,156	45,920	8,309	51,114
75+							
All	White	91,591	56,000	49,910	54,378	41,680	57,943
	Black	33,978	60,339	12,478	58,179	21,500	61,593
	Native American	1,211	52,318	438	53,500	773	51,647
	Asian	4,622	53,530	2,183	53,830	2,438	53,261
	All	132,281	57,002	65,390	55,071	66,891	58,889
Diabetics	White	21,422	62,294	9,644	61,375	11,778	63,047
	Black	11,158	64,046	3,311	62,684	7,847	64,621
	Native American	591	53,121	159	53,399	432	53,018
	Asian	1,606	59,293	679	58,591	927	59,808
	All	35,165	62,548	13,938	61,436	21,227	63,279
Non-diabetics	White	63,224	54,146	36,408	52,782	26,816	55,998
	Black	20,299	58,348	8,059	56,577	12,240	59,515
	Native American	545	51,058	250	52,551	295	49,794
	Asian	2,723	50,336	1,374	51,959	1,349	48,685
	All	87,180	54,991	46,281	53,405	40,899	56,784
Unknown	White	6,944	53,462	3,858	51,946	3,085	55,361
	Black	2,521	59,962	1,108	56,376	1,413	62,775
	Native American	74	55,165	29	62,283	45	50,639
	Asian	293	51,622	131	48,764	162	53,925
	All	9,937	55,018	5,171	52,828	4,765	57,397

Table K.11
Total Medicare Payments (\$) per Patient Year at Risk: Dialysis Patients
grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

All		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	397,284	53,836	212,586	52,139	184,695	55,791
	Black	300,479	53,403	143,061	50,749	157,416	55,815
	Native American	13,274	49,652	5,942	48,938	7,332	50,230
	Asian	23,342	49,008	11,260	48,175	12,082	49,784
	All	742,525	53,412	377,181	51,416	365,339	55,472
Diabetics	White	144,188	59,868	70,473	58,260	73,715	61,406
	Black	101,041	59,368	37,353	57,716	63,688	60,337
	Native American	8,402	51,271	3,430	50,576	4,972	51,751
	Asian	8,498	55,329	3,840	53,914	4,658	56,496
	All	266,036	59,226	117,082	57,688	148,954	60,434
Non-diabetics	White	225,256	50,374	127,381	49,110	97,875	52,019
	Black	172,840	50,151	91,756	48,121	81,084	52,448
	Native American	4,309	46,750	2,252	46,368	2,058	47,167
	Asian	13,067	45,277	6,551	45,266	6,516	45,288
	All	418,544	50,049	229,711	48,534	188,833	51,893
Unknown	White	27,840	50,612	14,732	49,043	13,105	52,378
	Black	26,598	51,873	13,953	49,376	12,644	54,632
	Native American	563	47,693	261	49,574	302	46,071
	Asian	1,777	46,212	869	44,739	909	47,620
	All	57,944	51,007	30,388	49,039	27,552	53,180
0-19							
All	White	2,571	46,915	1,424	45,634	1,147	48,506
	Black	1,834	48,176	989	46,315	844	50,386
	Native American	96	42,879	39	40,249	57	44,670
	Asian	168	40,000	75	40,999	93	39,197
	All	4,851	46,829	2,622	45,407	2,229	48,512
Diabetics	White	17	72,531	*	*	*	*
	Black	20	75,378	*	*	16	83,606
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	43	69,080	12	49,438	31	76,695
Non-diabetics	White	2,221	46,659	1,211	45,233	1,010	48,369
	Black	1,545	48,449	854	46,777	691	50,515
	Native American	90	43,064	39	40,249	51	45,192
	Asian	131	40,908	59	42,269	71	39,769
	All	4,123	46,834	2,239	45,348	1,884	48,599
Unknown	White	334	47,333	206	47,737	128	46,684
	Black	269	44,602	131	43,374	137	45,922
	Native American	*	*	*	*	*	*
	Asian	33	36,963	15	36,098	18	37,701
	All	685	45,393	371	45,631	313	45,177
20-44							
All	White	59,710	47,173	35,078	45,577	24,630	49,446
	Black	69,502	48,241	41,231	46,552	28,271	50,704
	Native American	2,308	46,081	1,291	44,787	1,017	47,723
	Asian	4,382	41,304	2,305	39,747	2,077	43,031
	All	137,661	47,451	80,941	45,832	56,718	49,762
Diabetics	White	16,787	57,436	10,351	55,740	6,436	60,163
	Black	9,852	59,276	4,927	57,602	4,925	60,951
	Native American	786	52,085	425	48,877	361	55,866
	Asian	586	54,951	319	49,983	268	60,866
	All	28,387	57,822	16,261	55,963	12,126	60,314
Non-diabetics	White	37,041	43,267	21,484	41,424	15,557	45,812
	Black	52,400	46,358	31,764	45,009	20,636	48,435
	Native American	1,339	42,883	772	42,491	567	43,416
	Asian	3,354	39,253	1,734	38,124	1,620	40,462
	All	95,135	44,776	56,342	43,304	38,793	46,914
Unknown	White	5,882	42,482	3,243	40,659	2,637	44,729
	Black	7,250	46,856	4,539	45,357	2,711	49,366
	Native American	184	43,705	94	45,135	90	42,206
	Asian	441	38,757	252	37,980	189	39,796
	All	14,140	44,627	8,338	43,156	5,799	46,746

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



Table K.11 (continued)

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

45-64		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	112,459	53,157	59,565	51,582	52,894	54,931
	Black	120,449	52,378	60,472	50,230	59,976	54,545
	Native American	6,228	49,334	2,954	49,309	3,274	49,355
	Asian	7,014	48,199	3,575	47,733	3,439	48,684
	All	249,388	52,539	128,397	50,792	120,991	54,392
Diabetics	White	52,104	58,702	26,880	57,192	25,223	60,310
	Black	46,256	57,916	18,824	56,093	27,431	59,167
	Native American	4,637	49,945	2,093	50,248	2,544	49,697
	Asian	2,899	52,376	1,509	51,282	1,390	53,564
	All	107,708	57,781	50,334	56,305	57,374	59,077
Non-diabetics	White	52,822	48,215	28,928	46,829	23,894	49,892
	Black	63,093	48,506	35,791	47,238	27,302	50,168
	Native American	1,435	47,341	788	47,070	647	47,670
	Asian	3,547	45,132	1,774	45,172	1,773	45,091
	All	121,860	48,245	67,854	46,992	54,006	49,820
Unknown	White	7,533	49,468	3,757	48,039	3,776	50,889
	Black	11,100	51,310	5,857	49,667	5,243	53,148
	Native American	156	49,478	73	46,594	83	52,033
	Asian	568	46,036	292	44,940	276	47,193
	All	19,820	50,443	10,209	48,873	9,610	52,114
65-74							
All	White	131,879	55,833	67,226	54,255	64,653	57,472
	Black	74,783	56,800	27,939	54,858	46,843	57,959
	Native American	3,439	51,785	1,228	50,808	2,211	52,328
	Asian	7,173	51,738	3,131	51,059	4,042	52,264
	All	219,373	55,971	100,523	54,285	118,850	57,397
Diabetics	White	53,901	60,772	23,618	59,289	30,283	61,929
	Black	33,765	59,826	10,293	59,151	23,473	60,122
	Native American	2,388	53,118	753	51,849	1,635	53,703
	Asian	3,403	56,063	1,333	55,452	2,070	56,456
	All	94,786	60,042	36,572	58,921	58,214	60,746
Non-diabetics	White	70,581	52,199	39,803	51,362	30,779	53,281
	Black	35,544	54,014	15,321	52,191	20,223	55,396
	Native American	908	48,981	411	48,436	497	49,431
	Asian	3,324	47,481	1,615	47,501	1,710	47,463
	All	110,941	52,608	57,494	51,443	53,447	53,860
Unknown	White	7,396	54,513	3,805	53,280	3,591	55,819
	Black	5,474	56,226	2,326	53,431	3,148	58,292
	Native American	143	47,330	64	53,759	79	42,077
	Asian	446	50,469	183	50,451	263	50,481
	All	13,646	55,042	6,457	53,326	7,189	56,583
75+							
All	White	90,665	56,360	49,293	54,782	41,371	58,241
	Black	33,912	60,412	12,430	58,312	21,482	61,626
	Native American	1,203	52,590	430	54,283	773	51,647
	Asian	4,605	53,647	2,174	53,931	2,431	53,393
	All	131,251	57,288	64,699	55,426	66,551	59,099
Diabetics	White	21,379	62,332	9,616	61,433	11,764	63,068
	Black	11,149	64,057	3,306	62,682	7,843	64,637
	Native American	591	53,121	159	53,399	432	53,018
	Asian	1,606	59,293	679	58,591	927	59,808
	All	35,113	62,575	13,904	61,475	21,209	63,296
Non-diabetics	White	62,590	54,477	35,956	53,177	26,634	56,232
	Black	20,258	58,437	8,025	56,753	12,233	59,542
	Native American	537	51,650	242	53,911	295	49,794
	Asian	2,711	50,428	1,369	51,929	1,342	48,897
	All	86,485	55,263	45,783	53,757	40,702	56,958
Unknown	White	6,696	54,894	3,722	53,101	2,973	57,142
	Black	2,506	60,155	1,100	56,558	1,406	62,968
	Native American	74	55,165	29	62,283	45	50,639
	Asian	288	52,463	126	50,575	162	53,925
	All	9,654	56,201	5,012	53,891	4,641	58,698

Table K.12

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

All		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	336,971	54,654	180,294	52,804	156,677	56,783
	Black	274,871	53,740	131,644	51,005	143,227	56,254
	Native American	11,827	50,117	5,355	49,453	6,473	50,667
	Asian	20,067	49,834	9,817	48,826	10,251	50,799
	All	650,683	54,021	330,830	51,896	319,853	56,219
Diabetics	White	123,891	60,512	59,565	59,075	64,326	61,843
	Black	93,917	59,404	34,603	57,841	59,314	60,316
	Native American	7,639	51,353	3,128	50,936	4,511	51,642
	Asian	7,599	55,508	3,428	54,336	4,171	56,472
	All	236,486	59,586	102,472	58,224	134,014	60,628
Non-diabetics	White	189,400	51,256	108,099	49,748	81,301	53,260
	Black	156,778	50,576	84,271	48,389	72,507	53,118
	Native American	3,714	47,644	1,994	46,869	1,720	48,544
	Asian	10,989	46,314	5,658	45,981	5,332	46,667
	All	363,402	50,747	201,510	49,008	161,892	52,912
Unknown	White	23,680	51,187	12,629	49,388	11,051	53,244
	Black	24,176	52,256	12,771	49,744	11,405	55,069
	Native American	475	49,581	232	51,673	242	47,574
	Asian	1,479	46,833	731	45,004	748	48,620
	All	50,796	51,532	26,848	49,415	23,947	53,906
0-19							
All	White	1,443	49,359	833	47,648	610	51,698
	Black	1,316	48,025	733	45,568	583	51,114
	Native American	79	39,616	34	37,442	45	41,251
	Asian	107	42,445	50	46,817	57	38,649
	All	3,030	48,050	1,691	46,233	1,339	50,344
Diabetics	White	16	72,195	*	*	*	*
	Black	18	78,867	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	38	71,471	*	*	27	81,720
Non-diabetics	White	1,247	49,211	708	47,640	539	51,274
	Black	1,110	48,215	634	46,075	476	51,068
	Native American	74	39,389	34	37,442	40	41,027
	Asian	83	44,173	41	48,987	43	39,617
	All	2,573	48,193	1,445	46,549	1,128	50,298
Unknown	White	180	48,334	118	47,554	62	49,829
	Black	189	44,004	95	42,247	94	45,777
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	419	45,036	235	44,211	184	46,088
20-44							
All	White	46,602	48,613	28,575	46,585	18,027	51,827
	Black	60,560	48,903	37,010	46,967	23,550	51,945
	Native American	1,882	47,646	1,137	45,395	746	51,078
	Asian	3,367	42,427	1,897	40,258	1,470	45,224
	All	113,807	48,519	69,472	46,538	44,335	51,624
Diabetics	White	12,597	59,851	8,018	57,959	4,579	63,165
	Black	8,640	59,842	4,402	58,321	4,238	61,421
	Native American	674	52,029	384	48,644	290	56,508
	Asian	500	54,603	281	49,946	219	60,567
	All	22,720	59,424	13,292	57,549	9,429	62,066
Non-diabetics	White	29,256	44,584	17,804	42,290	11,453	48,151
	Black	45,540	47,006	28,526	45,355	17,014	49,773
	Native American	1,077	45,034	671	43,293	406	47,912
	Asian	2,549	40,519	1,427	38,836	1,122	42,660
	All	79,180	45,816	48,893	43,947	30,287	48,833
Unknown	White	4,748	43,621	2,753	41,236	1,996	46,910
	Black	6,380	47,631	4,082	45,985	2,298	50,556
	Native American	132	46,578	82	47,387	50	45,240
	Asian	318	38,577	189	36,607	129	41,455
	All	11,906	45,689	7,287	43,837	4,620	48,609

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



Table K.12 (continued)

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	93,842	54,196	49,804	52,431	44,038	56,192
	Black	109,984	52,659	55,788	50,427	54,196	54,957
	Native American	5,591	49,507	2,674	49,674	2,918	49,355
	Asian	5,943	49,250	3,105	48,659	2,837	49,896
	All	218,138	53,164	112,963	51,285	105,175	55,182
Diabetics	White	44,403	59,369	22,626	58,003	21,777	60,789
	Black	42,700	58,005	17,387	56,196	25,313	59,247
	Native American	4,195	50,018	1,912	50,602	2,283	49,529
	Asian	2,524	53,062	1,319	52,392	1,205	53,795
	All	95,396	58,163	44,139	56,811	51,257	59,328
Non-diabetics	White	43,062	49,415	23,995	47,643	19,067	51,645
	Black	57,166	48,837	32,997	47,472	24,170	50,702
	Native American	1,255	47,704	693	47,357	562	48,132
	Asian	2,922	46,443	1,517	46,044	1,405	46,875
	All	105,211	48,978	59,703	47,495	45,509	50,924
Unknown	White	6,377	50,456	3,183	48,911	3,194	51,996
	Black	10,117	51,693	5,404	49,913	4,713	53,734
	Native American	142	50,359	69	47,193	73	53,336
	Asian	496	46,387	269	45,113	227	47,898
	All	17,530	51,086	9,121	49,357	8,409	52,961
65-74							
All	White	113,378	56,389	57,008	54,827	56,371	57,968
	Black	70,461	56,756	26,191	54,894	44,270	57,857
	Native American	3,147	52,140	1,110	51,564	2,037	52,454
	Asian	6,404	52,015	2,779	51,229	3,625	52,617
	All	195,286	56,312	87,982	54,694	107,304	57,638
Diabetics	White	47,465	61,048	20,283	59,724	27,182	62,036
	Black	31,845	59,720	9,627	59,157	22,218	59,964
	Native American	2,208	53,264	683	52,472	1,525	53,619
	Asian	3,078	55,954	1,195	55,210	1,883	56,425
	All	85,794	60,142	32,302	59,197	53,492	60,712
Non-diabetics	White	59,559	52,878	33,459	52,004	26,100	53,999
	Black	33,515	54,034	14,417	52,229	19,098	55,397
	Native American	815	49,526	374	48,952	441	50,014
	Asian	2,949	48,043	1,433	47,869	1,516	48,208
	All	97,375	53,095	49,999	51,917	47,376	54,339
Unknown	White	6,354	54,491	3,265	53,336	3,088	55,712
	Black	5,100	56,131	2,147	53,672	2,953	57,919
	Native American	124	49,301	53	58,315	71	42,626
	Asian	377	50,923	151	51,609	226	50,465
	All	12,117	55,039	5,682	53,534	6,435	56,367
75+							
All	White	81,706	56,313	44,075	54,739	37,631	58,155
	Black	32,550	60,096	11,922	58,035	20,628	61,287
	Native American	1,128	52,353	401	54,661	728	51,082
	Asian	4,246	53,424	1,986	53,961	2,260	52,953
	All	120,422	57,208	58,722	55,379	61,700	58,949
Diabetics	White	19,410	62,236	8,631	61,405	10,779	62,902
	Black	10,713	63,659	3,182	62,203	7,531	64,275
	Native American	562	52,992	149	54,084	413	52,598
	Asian	1,493	59,082	634	58,676	859	59,381
	All	32,538	62,391	12,728	61,367	19,810	63,049
Non-diabetics	White	56,275	54,460	32,134	53,149	24,142	56,205
	Black	19,447	58,222	7,698	56,563	11,749	59,308
	Native American	494	51,315	223	54,050	271	49,068
	Asian	2,485	50,127	1,239	51,854	1,246	48,409
	All	79,062	55,232	41,471	53,734	37,591	56,885
Unknown	White	6,020	54,528	3,310	52,797	2,710	56,643
	Black	2,390	59,373	1,042	56,182	1,347	61,843
	Native American	72	54,468	29	62,385	44	49,257
	Asian	267	52,473	113	50,601	155	53,834
	All	8,822	55,797	4,524	53,614	4,299	58,094

Table K.13

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

All		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	54,661	45,929	29,255	45,170	25,406	46,803
	Black	23,156	47,169	10,376	45,521	12,780	48,507
	Native American	1,330	44,610	547	42,633	783	45,990
	Asian	3,029	41,926	1,337	41,902	1,692	41,945
	All	83,193	46,037	42,041	45,050	41,152	47,046
Diabetics	White	18,188	52,835	9,858	51,114	8,329	54,871
	Black	6,211	55,693	2,446	53,345	3,765	57,220
	Native American	690	48,986	276	44,717	414	51,835
	Asian	811	50,764	372	47,722	440	53,336
	All	26,293	53,241	13,157	51,229	13,136	55,256
Non-diabetics	White	32,777	42,451	17,544	42,141	15,234	42,808
	Black	14,801	43,937	6,880	43,132	7,922	44,635
	Native American	557	40,320	244	41,429	313	39,456
	Asian	1,952	38,309	835	39,280	1,117	37,583
	All	50,582	42,634	25,757	42,219	24,825	43,064
Unknown	White	3,696	42,794	1,853	42,227	1,843	43,364
	Black	2,144	44,787	1,050	42,940	1,094	46,559
	Native American	82	36,907	26	31,889	56	39,279
	Asian	266	41,510	130	42,100	136	40,943
	All	6,318	43,306	3,127	42,371	3,191	44,222
0-19							
All	White	1,046	43,250	546	42,203	500	44,394
	Black	461	47,408	225	47,579	236	47,244
	Native American	16	60,314	*	*	11	60,921
	Asian	53	35,609	24	29,637	29	40,480
	All	1,662	44,172	849	43,257	814	45,126
Diabetics	White	*	*	*	*	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	*	*	*	*	*	*
Non-diabetics	White	904	42,900	468	41,314	436	44,600
	Black	386	47,465	193	47,605	193	47,324
	Native American	15	62,176	*	*	10	63,794
	Asian	43	34,881	18	28,013	25	39,797
	All	1,418	43,827	729	42,429	689	45,305
Unknown	White	142	45,324	78	47,234	64	42,981
	Black	72	47,177	32	47,421	40	46,983
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	239	46,058	119	48,131	120	43,995
20-44							
All	White	12,517	41,536	6,182	40,626	6,335	42,423
	Black	8,477	42,962	3,974	42,011	4,503	43,801
	Native American	409	38,730	147	39,291	261	38,413
	Asian	983	37,128	395	37,106	588	37,143
	All	22,717	41,727	10,864	40,896	11,853	42,490
Diabetics	White	3,998	49,467	2,222	47,574	1,776	51,836
	Black	1,139	53,825	493	50,417	646	56,426
	Native American	107	50,608	38	47,774	69	52,189
	Asian	83	56,691	36	51,145	47	60,878
	All	5,388	50,520	2,819	48,183	2,569	53,085
Non-diabetics	White	7,443	37,916	3,493	36,753	3,950	38,945
	Black	6,529	41,340	3,060	41,069	3,469	41,580
	Native American	251	34,045	98	37,109	154	32,098
	Asian	781	34,699	297	34,376	484	34,897
	All	15,229	39,057	7,059	38,430	8,170	39,598
Unknown	White	1,076	37,107	466	36,526	610	37,551
	Black	809	40,757	421	39,017	388	42,645
	Native American	50	36,738	*	*	39	38,922
	Asian	119	39,390	62	42,053	57	36,480
	All	2,100	38,534	986	37,708	1,115	39,265

* 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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

45-64		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	17,525	46,763	9,164	46,087	8,361	47,504
	Black	9,691	48,155	4,312	46,613	5,379	49,391
	Native American	597	47,108	263	44,722	334	48,985
	Asian	1,012	42,168	438	41,687	575	42,534
	All	29,231	47,001	14,388	46,028	14,844	47,945
Diabetics	White	7,128	53,653	3,942	51,812	3,186	55,931
	Black	3,219	55,432	1,306	53,365	1,913	56,843
	Native American	416	48,489	169	45,231	247	50,713
	Asian	352	47,250	178	43,396	174	51,205
	All	11,325	53,559	5,711	51,565	5,614	55,586
Non-diabetics	White	9,325	41,933	4,697	41,727	4,627	42,142
	Black	5,583	44,294	2,605	43,402	2,978	45,074
	Native American	169	44,094	91	44,103	79	44,083
	Asian	597	39,014	239	40,251	357	38,185
	All	15,819	42,655	7,701	42,224	8,118	43,065
Unknown	White	1,072	42,960	525	42,113	547	43,773
	Black	889	46,057	401	45,494	487	46,521
	Native American	*	*	*	*	*	*
	Asian	64	43,617	20	43,631	44	43,610
	All	2,088	44,364	976	43,644	1,111	44,996
65-74							
All	White	16,382	47,865	9,105	46,878	7,277	49,100
	Black	3,613	52,502	1,497	49,885	2,116	54,354
	Native American	249	45,368	106	40,610	143	48,910
	Asian	687	46,704	320	46,943	367	46,496
	All	21,079	48,586	11,108	47,202	9,971	50,129
Diabetics	White	5,540	54,162	2,921	52,640	2,619	55,860
	Black	1,573	56,814	564	54,886	1,009	57,892
	Native American	146	48,964	62	42,527	84	53,683
	Asian	290	54,200	122	54,220	169	54,186
	All	7,648	54,559	3,716	52,803	3,932	56,219
Non-diabetics	White	9,956	44,406	5,729	44,023	4,227	44,925
	Black	1,733	49,145	777	47,079	956	50,825
	Native American	86	41,889	34	39,671	52	43,323
	Asian	342	40,919	168	42,801	173	39,092
	All	12,150	44,950	6,729	44,294	5,422	45,763
Unknown	White	886	47,360	456	45,839	431	48,970
	Black	307	49,357	155	45,752	151	53,066
	Native American	*	*	*	*	*	*
	Asian	55	43,067	30	40,636	25	45,957
	All	1,280	47,420	663	45,308	617	49,689
75+							
All	White	7,190	47,525	4,257	46,524	2,933	48,979
	Black	915	54,521	368	51,605	547	56,485
	Native American	59	52,713	25	45,703	34	57,757
	Asian	293	47,128	160	46,075	133	48,395
	All	8,504	48,283	4,833	46,850	3,671	50,169
Diabetics	White	1,521	53,003	773	51,944	748	54,097
	Black	278	60,120	83	59,915	194	60,208
	Native American	21	50,657	*	*	14	58,885
	Asian	86	47,808	36	43,757	50	50,730
	All	1,927	53,756	910	52,108	1,017	55,231
Non-diabetics	White	5,150	46,086	3,156	45,427	1,993	47,130
	Black	570	51,955	245	50,001	325	53,428
	Native American	37	53,435	17	50,138	19	56,356
	Asian	190	47,003	112	46,686	78	47,459
	All	5,966	46,708	3,539	45,779	2,427	48,062
Unknown	White	519	45,753	328	44,305	192	48,228
	Black	67	53,132	40	44,091	27	66,431
	Native American	*	*	*	*	*	*
	Asian	17	45,111	*	*	*	*
	All	611	46,397	383	44,250	228	50,010

Table K.14
Total Medicare Payments (\$) per Patient Year at Risk: Other Dialysis Patients
grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

All		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	5,653	81,550	3,037	79,749	2,613	83,696
	Black	2,452	74,468	1,041	70,500	1,409	77,455
	Native American	117	59,824	41	65,539	76	56,731
	Asian	246	68,845	107	66,869	139	70,358
	All	8,648	78,506	4,310	76,671	4,333	80,379
Diabetics	White	2,110	82,681	1,049	79,104	1,060	86,221
	Black	913	80,621	304	78,663	609	81,599
	Native American	73	64,295	26	69,457	47	61,442
	Asian	88	82,058	40	75,112	47	87,998
	All	3,256	81,370	1,453	78,392	1,803	83,771
Non-diabetics	White	3,079	80,488	1,738	79,795	1,341	81,387
	Black	1,260	70,292	605	67,592	655	72,783
	Native American	38	53,591	13	61,979	25	49,103
	Asian	126	62,761	59	61,330	67	64,025
	All	4,561	76,657	2,444	75,915	2,116	77,514
Unknown	White	465	83,454	250	82,145	212	85,662
	Black	278	73,184	132	65,009	145	81,173
	Native American	6	45,583	2	37,791	4	49,136
	Asian	32	56,584	7	66,010	25	53,920
	All	831	77,428	412	75,093	414	80,252
0-19							
All	White	82	50,653	45	50,006	37	51,427
	Black	56	58,034	31	54,857	25	63,243
	Native American	*	*	*	*	*	*
	Asian	7	36,205	*	*	6	38,216
	All	159	51,353	83	50,593	76	52,517
Diabetics	White	*	*	*	*	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	*	*	*	*	*	*
Non-diabetics	White	70	49,719	36	48,876	35	50,582
	Black	49	61,607	27	57,488	22	66,613
	Native American	*	*	*	*	*	*
	Asian	4	37,646	*	*	*	*
	All	132	52,626	66	51,331	67	53,905
Unknown	White	12	56,275	9	54,401	3	63,028
	Black	7	34,677	4	37,718	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	27	45,041	17	47,718	9	42,279
20-44							
All	White	591	53,013	321	51,218	268	55,309
	Black	464	58,345	247	57,548	218	59,248
	Native American	17	49,322	7	62,020	10	40,825
	Asian	32	51,440	14	45,187	18	56,055
	All	1,137	54,877	604	53,430	530	56,606
Diabetics	White	192	64,883	110	58,938	82	72,868
	Black	73	77,463	32	69,356	41	83,791
	Native American	4	97,191	3	95,311	*	*
	Asian	3	63,568	2	36,102	*	*
	All	278	68,407	150	61,646	128	76,295
Non-diabetics	White	342	47,007	187	46,219	155	47,959
	Black	331	56,273	179	57,292	153	55,079
	Native American	11	33,690	3	38,820	7	31,272
	Asian	24	52,668	10	47,640	14	56,164
	All	725	51,346	389	50,947	336	51,806
Unknown	White	57	49,021	24	54,713	31	45,549
	Black	60	46,665	36	48,356	24	44,160
	Native American	*	*	*	*	*	*
	Asian	4	34,467	*	*	3	30,868
	All	133	45,813	66	49,384	65	42,549

* 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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
45-64							
All	White	1,091	66,549	597	65,158	495	68,227
	Black	774	65,328	372	62,553	401	67,976
	Native American	40	58,329	18	62,608	22	54,944
	Asian	59	45,872	32	40,531	27	52,085
	All	2,019	65,100	1,047	63,076	972	67,309
Diabetics	White	573	69,784	313	66,348	260	73,910
	Black	336	70,454	131	69,585	205	71,009
	Native American	27	61,231	12	63,891	14	58,944
	Asian	23	55,523	13	46,617	11	66,087
	All	987	69,324	484	66,090	503	72,436
Non-diabetics	White	435	64,011	235	65,707	200	62,014
	Black	343	61,834	190	59,329	154	64,924
	Native American	11	55,818	4	62,700	7	51,127
	Asian	28	38,666	17	36,743	11	41,614
	All	830	61,928	450	61,841	380	62,031
Unknown	White	83	57,561	49	54,922	34	61,306
	Black	94	59,751	51	56,481	42	64,342
	Native American	*	*	*	*	*	*
	Asian	8	43,507	2	35,102	6	46,597
	All	202	57,499	112	55,028	89	60,872
65-74							
All	White	2,119	87,666	1,113	85,324	1,006	90,256
	Black	709	83,097	251	80,708	458	84,410
	Native American	43	62,973	12	71,754	31	59,698
	Asian	82	72,359	32	77,361	50	69,125
	All	3,008	85,607	1,433	84,052	1,576	87,021
Diabetics	White	896	87,006	415	84,837	482	88,874
	Black	346	83,234	101	82,401	246	83,577
	Native American	34	61,504	8	70,287	26	58,722
	Asian	35	81,148	17	81,678	18	80,661
	All	1,344	84,863	554	83,924	790	85,521
Non-diabetics	White	1,066	86,994	614	84,799	452	89,976
	Black	296	80,270	127	79,047	168	81,194
	Native American	8	69,167	3	81,285	5	61,614
	Asian	34	64,855	13	67,275	20	63,275
	All	1,416	84,757	767	83,251	649	86,536
Unknown	White	156	96,044	84	91,580	72	101,219
	Black	67	94,859	23	82,457	44	101,454
	Native American	*	*	*	*	*	*
	Asian	13	68,238	2	106,372	11	60,981
	All	248	94,484	112	90,157	136	98,053
75+							
All	White	1,770	94,447	962	93,268	807	95,908
	Black	448	95,359	140	99,534	308	93,462
	Native American	16	69,019	5	66,057	11	70,433
	Asian	65	97,457	28	96,838	37	97,921
	All	2,325	94,373	1,144	94,035	1,180	94,740
Diabetics	White	448	98,152	212	97,192	236	99,012
	Black	158	98,008	40	106,247	118	95,188
	Native American	8	68,350	3	65,035	5	69,994
	Asian	26	109,014	9	112,645	17	107,148
	All	647	98,065	266	98,710	381	97,615
Non-diabetics	White	1,165	92,363	666	91,232	499	93,872
	Black	241	91,129	82	94,538	159	89,357
	Native American	7	66,042	2	68,710	5	64,720
	Asian	35	90,094	18	90,702	18	89,491
	All	1,457	91,961	773	91,496	684	92,487
Unknown	White	156	99,357	84	99,540	72	99,857
	Black	49	107,549	17	107,668	32	107,484
	Native American	*	*	*	*	*	*
	Asian	4	85,841	1	74,582	2	93,282
	All	221	99,462	105	100,858	115	98,626

Table K.15
Total Medicare Payments (\$) per Patient Year at Risk: Transplant Patients
grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

All		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	154,325	15,864	92,982	15,763	61,343	16,018
	Black	44,921	21,806	27,050	21,047	17,870	22,954
	Native American	2,943	16,915	1,680	16,322	1,263	17,703
	Asian	7,795	14,194	4,190	14,051	3,605	14,360
	All	211,976	17,091	127,177	16,856	84,798	17,444
Diabetics	White	37,107	22,409	22,813	22,084	14,294	22,928
	Black	7,619	32,222	4,273	30,920	3,346	33,884
	Native American	1,017	23,461	544	22,773	474	24,251
	Asian	974	22,784	558	19,354	416	27,386
	All	47,013	24,069	28,378	23,432	18,635	25,038
Non-diabetics	White	97,338	13,963	58,697	13,869	38,641	14,106
	Black	32,071	19,862	19,550	19,494	12,521	20,436
	Native American	1,670	13,559	983	13,499	688	13,646
	Asian	5,984	13,168	3,161	13,603	2,824	12,680
	All	138,255	15,332	83,147	15,219	55,107	15,503
Unknown	White	19,880	12,959	11,472	12,887	8,408	13,058
	Black	5,230	18,551	3,227	17,383	2,003	20,434
	Native American	255	12,785	154	11,563	102	14,627
	Asian	837	11,536	472	10,780	365	12,513
	All	26,708	13,915	15,652	13,628	11,056	14,321
0-19							
All	White	6,816	12,583	3,888	11,960	2,928	13,411
	Black	1,841	19,367	1,187	17,670	655	22,444
	Native American	171	11,065	91	7,620	80	14,999
	Asian	299	13,313	157	14,087	142	12,458
	All	9,343	14,039	5,473	13,324	3,870	15,050
Diabetics	White	*	*	*	*	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	31	28,082	*	*	*	*
Non-diabetics	White	5,708	13,039	3,256	12,544	2,452	13,696
	Black	1,555	19,649	1,016	18,166	539	22,441
	Native American	160	11,597	86	8,020	74	15,740
	Asian	254	13,995	134	15,628	120	12,166
	All	7,855	14,505	4,619	13,955	3,236	15,289
Unknown	White	1,083	9,958	617	8,545	466	11,829
	Black	281	17,112	165	13,375	115	22,456
	Native American	*	*	*	*	*	*
	Asian	45	9,434	*	*	*	*
	All	1,457	11,232	834	9,331	623	13,774
20-44							
All	White	70,563	14,824	41,956	14,385	28,607	15,467
	Black	20,385	20,200	12,061	19,296	8,324	21,510
	Native American	1,090	14,593	618	14,149	472	15,174
	Asian	3,634	11,625	1,910	11,184	1,723	12,115
	All	96,626	15,856	57,138	15,330	39,488	16,617
Diabetics	White	21,002	20,841	12,286	20,646	8,715	21,115
	Black	2,642	30,633	1,424	29,777	1,218	31,634
	Native American	223	24,121	113	24,445	110	23,786
	Asian	293	20,435	127	13,731	166	25,554
	All	24,285	21,962	14,017	21,605	10,269	22,449
Non-diabetics	White	40,876	12,231	24,783	11,726	16,093	13,010
	Black	15,360	18,894	9,186	18,050	6,174	20,150
	Native American	767	12,409	441	12,397	326	12,425
	Asian	2,954	11,073	1,562	11,203	1,392	10,926
	All	60,571	13,925	36,353	13,358	24,218	14,775
Unknown	White	8,685	12,476	4,887	12,131	3,798	12,919
	Black	2,383	17,049	1,450	16,891	932	17,295
	Native American	100	10,071	64	7,957	36	13,798
	Asian	387	9,167	221	9,582	166	8,613
	All	11,770	13,196	6,769	12,926	5,001	13,562

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



Table K.15 (continued)

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

grouped by age, diabetic status, race, & gender, never MSP in period; as-treated model spanning 1995-1999

45-64		All		Male		Female	
		YAR	Payment	YAR	Payment	YAR	Payment
All	White	60,991	16,281	37,266	16,256	23,725	16,320
	Black	20,049	22,887	12,272	22,253	7,777	23,886
	Native American	1,506	18,375	861	18,202	645	18,606
	Asian	3,328	16,434	1,810	16,066	1,518	16,874
	All	86,569	17,867	52,663	17,701	33,906	18,124
Diabetics	White	14,223	23,600	9,195	22,950	5,028	24,790
	Black	4,379	32,779	2,518	30,976	1,861	35,218
	Native American	711	22,462	392	21,866	320	23,193
	Asian	587	23,817	369	20,649	219	29,164
	All	20,052	25,606	12,588	24,492	7,464	27,487
Non-diabetics	White	39,200	14,313	23,600	14,325	15,600	14,296
	Black	13,499	20,162	8,407	20,376	5,092	19,807
	Native American	687	14,896	415	15,216	272	14,409
	Asian	2,392	14,849	1,245	15,243	1,147	14,422
	All	56,139	15,775	33,884	15,910	22,255	15,568
Unknown	White	7,568	12,716	4,471	12,682	3,097	12,766
	Black	2,171	19,880	1,347	17,663	824	23,505
	Native American	107	13,561	54	14,582	53	12,515
	Asian	348	14,875	196	12,681	152	17,712
	All	10,378	14,228	6,191	13,692	4,187	15,020
65-74							
All	White	15,030	20,251	9,256	21,204	5,774	18,722
	Black	2,580	27,807	1,483	27,936	1,097	27,633
	Native American	169	25,081	103	21,792	66	30,175
	Asian	518	18,094	304	19,567	214	16,000
	All	18,406	21,284	11,212	22,073	7,195	20,054
Diabetics	White	1,814	30,730	1,288	29,136	526	34,637
	Black	583	34,742	319	34,606	264	34,907
	Native American	83	30,267	39	27,075	44	33,047
	Asian	93	23,658	62	23,145	31	24,687
	All	2,593	31,443	1,719	30,006	874	34,269
Non-diabetics	White	10,920	19,234	6,606	20,421	4,314	17,416
	Black	1,616	26,892	907	27,599	709	25,988
	Native American	49	19,747	34	21,408	*	*
	Asian	373	17,905	215	19,313	158	15,982
	All	12,994	20,169	7,794	21,261	5,200	18,533
Unknown	White	2,296	16,809	1,361	17,499	935	15,804
	Black	381	21,075	257	20,834	124	21,573
	Native American	38	20,547	*	*	*	*
	Asian	52	9,400	*	*	*	*
	All	2,820	17,080	1,699	17,774	1,121	16,029
75+							
All	White	925	20,699	616	22,075	309	17,955
	Black	66	22,966	48	23,626	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	1,031	20,520	691	21,891	339	17,726
Diabetics	White	43	43,461	29	41,780	*	*
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	53	44,740	34	45,370	*	*
Non-diabetics	White	634	21,467	452	21,355	182	21,742
	Black	41	14,985	34	15,157	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	695	21,089	498	21,107	197	21,043
Unknown	White	248	14,765	136	20,313	112	8,031
	Black	*	*	*	*	*	*
	Native American	*	*	*	*	*	*
	Asian	*	*	*	*	*	*
	All	283	14,612	159	19,277	124	8,623

Table K.16
Medicare Payments (\$) per Patient Year at Risk: 1995

never MSP in period; as-treated model

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	179,810	140,740	119,591	19,949	1,201	39,069
Total Medicare	43,750	50,836	51,881	43,047	76,141	18,224
Total inpatient	16,122	17,205	17,288	15,612	35,369	12,221
Medical DRG	6,099	6,790	6,666	7,102	13,994	3,610
Surgical DRG	8,398	9,685	9,901	7,767	20,085	3,763
Other DRG	114	127	131	102	150	67
Transplant DRG	896	0	0	0	0	4,122
Non-transplant pass-throughs	572	603	591	640	1,140	463
Transplant pass-throughs	42	0	0	0	0	195
Total outpatient	16,725	20,970	22,156	14,081	17,303	1,434
Outpatient hemodialysis	9,358	11,926	13,908	396	6,071	108
Outpatient peritoneal dialysis	1,228	1,563	54	10,399	5,048	20
Outpatient other dialysis	1	2	2	1	1	0
Outpatient EPO	2,999	3,820	4,194	1,660	2,499	41
Outpatient Calcijex	482	614	718	16	228	4
Outpatient iron	261	332	384	28	213	3
Outpatient other injectables	96	121	129	72	173	7
Radiology	284	327	352	177	294	127
Pharmacy	335	383	427	127	332	163
Ambulance	23	27	27	21	57	9
Laboratory/pathology	501	487	481	511	702	550
Outpatient other	1,157	1,367	1,480	674	1,686	401
Skilled nursing facility	745	912	946	562	3,382	143
Home health agency	1,392	1,611	1,633	1,406	2,752	604
Hospice	30	35	34	42	107	9
Total physician/supplier	8,737	10,103	9,824	11,343	17,227	3,815
Transplant surgery	93	8	7	9	26	403
Inpatient surgery	583	642	643	615	1,023	369
Outpatient surgery	357	376	384	326	415	289
E&M nephrology Inpatient	310	341	341	317	705	199
E&M nephrology outpatient	50	27	25	37	44	136
E&M non-nephrology inpatient	659	732	729	672	1,959	398
E&M non-nephrology outpatient	304	320	320	311	422	247
Dialysis capitation	1,150	1,465	1,471	1,437	1,276	17
Inpatient dialysis	531	663	640	732	1,776	58
Home dialysis	610	774	138	4,402	3,813	19
Vascular access	739	926	1,042	206	1,344	68
Peritoneal access	20	24	15	70	137	8
Physician/supplier EPO	4	4	2	15	12	7
Physician/supplier iron	0	1	0	1	0	0
Immunosuppressive drugs	109	1	1	1	6	501
Durable medical equipment	346	415	442	246	436	98
Physician/supplier radiology	220	231	231	227	349	179
Physician/supplier lab/pathology	970	1,141	1,200	797	962	356
Physician/supplier ambulance	924	1,165	1,322	203	1,525	58
Other physician/supplier	755	851	871	722	997	406

Table K.17

Medicare Payments (\$) per Patient Year at Risk: 1996*never MSP in period; as-treated model*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	186,763	145,967	125,715	18,745	1,507	40,796
Total Medicare	45,874	53,748	54,626	45,922	77,929	17,699
Total inpatient	16,895	18,353	18,312	17,199	36,125	11,680
Medical DRG	6,669	7,515	7,396	7,720	14,939	3,639
Surgical DRG	8,732	10,131	10,218	8,764	19,899	3,727
Other DRG	122	137	142	99	166	69
Transplant DRG	812	0	0	0	0	3,717
Non-transplant pass-throughs	529	570	556	615	1,120	384
Transplant pass-throughs	31	0	0	0	0	144
Total outpatient	17,548	22,044	23,230	14,355	18,730	1,461
Outpatient hemodialysis	9,564	12,205	14,001	529	7,571	116
Outpatient peritoneal dialysis	1,092	1,393	62	10,135	3,684	16
Outpatient other dialysis	2	2	2	1	11	0
Outpatient EPO	3,402	4,340	4,712	1,932	3,268	48
Outpatient Calcijex	573	732	842	23	368	5
Outpatient iron	414	528	600	54	456	5
Outpatient other injectables	120	152	160	86	221	8
Radiology	323	375	403	190	333	135
Pharmacy	299	333	362	140	348	175
Ambulance	24	29	29	23	58	9
Laboratory/pathology	483	477	472	499	671	503
Outpatient other	1,252	1,479	1,586	744	1,739	441
Skilled nursing facility	991	1,211	1,245	751	4,110	202
Home health agency	1,598	1,862	1,897	1,532	3,036	650
Hospice	35	42	41	41	139	12
Total physician/supplier	8,807	10,236	9,900	12,045	15,789	3,693
Transplant surgery	79	7	7	8	14	336
Inpatient surgery	533	593	590	584	904	320
Outpatient surgery	352	372	379	324	362	279
E&M nephrology inpatient	298	334	333	317	662	170
E&M nephrology outpatient	45	24	23	31	34	119
E&M non-nephrology inpatient	672	760	753	720	1,858	354
E&M non-nephrology outpatient	309	328	329	317	410	237
Dialysis capitation	1,578	2,013	2,023	1,972	1,732	21
Inpatient dialysis	466	583	559	679	1,361	47
Home dialysis	585	744	131	4,660	3,097	19
Vascular access	704	884	979	226	1,218	61
Peritoneal access	21	24	14	86	102	8
Physician/supplier EPO	5	4	2	14	4	9
Physician/supplier iron	0	0	0	2	1	0
Immunosuppressive drugs	130	1	1	1	0	591
Durable medical equipment	339	373	392	237	480	218
Physician/supplier radiology	210	225	224	226	315	155
Physician/supplier lab/pathology	966	1,151	1,200	836	1,016	302
Physician/supplier ambulance	904	1,139	1,273	221	1,379	61
Other physician/supplier	612	676	687	583	840	385

Table K.18

Medicare Payments (\$) per Patient Year at Risk: 1997*never MSP in period; as-treated model*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	191,493	149,083	129,504	16,739	2,840	42,410
Total Medicare	46,238	54,439	54,674	47,736	83,253	17,408
Total inpatient	17,031	18,681	18,305	18,355	37,713	11,233
Medical DRG	7,022	7,978	7,764	8,266	15,998	3,663
Surgical DRG	8,558	9,945	9,806	9,275	20,259	3,682
Other DRG	141	159	161	128	245	79
Transplant DRG	725	0	0	0	0	3,274
Non-transplant pass-throughs	554	599	574	686	1,212	398
Transplant pass-throughs	30	0	0	0	0	137
Total outpatient	17,575	22,174	23,236	14,278	20,287	1,410
Outpatient hemodialysis	9,655	12,371	13,926	832	9,478	109
Outpatient peritoneal dialysis	923	1,182	77	9,583	2,043	14
Outpatient other dialysis	2	2	2	1	12	0
Outpatient EPO	3,358	4,300	4,604	2,023	3,833	48
Outpatient Calcijex	614	787	892	34	449	5
Outpatient iron	560	718	798	96	724	7
Outpatient other injectables	145	183	191	101	302	8
Radiology	325	380	405	194	376	132
Pharmacy	291	324	343	152	423	178
Ambulance	27	32	33	24	61	9
Laboratory/pathology	459	452	446	464	676	484
Outpatient other	1,215	1,442	1,518	774	1,912	416
Skilled nursing facility	1,176	1,445	1,412	997	5,599	232
Home health agency	1,669	1,958	1,977	1,558	3,481	651
Hospice	42	49	47	49	109	18
Total physician/supplier	8,745	10,133	9,697	12,500	16,064	3,864
Transplant surgery	71	6	6	8	8	301
Inpatient surgery	514	576	569	581	895	296
Outpatient surgery	352	378	383	331	415	262
E&M nephrology Inpatient	301	339	334	325	664	168
E&M nephrology outpatient	44	22	21	30	38	120
E&M non-nephrology inpatient	723	827	803	800	2,070	357
E&M non-nephrology outpatient	336	359	358	346	484	253
Dialysis capitation	1,309	1,677	1,683	1,672	1,449	14
Inpatient dialysis	414	520	494	611	1,171	40
Home dialysis	554	707	124	4,967	2,220	17
Vascular access	705	888	955	269	1,489	60
Peritoneal access	17	20	10	89	52	8
Physician/supplier EPO	4	2	1	9	4	10
Physician/supplier iron	0	0	0	2	1	0
Immunosuppressive drugs	159	1	1	1	1	716
Durable medical equipment	374	388	402	255	546	321
Physician/supplier radiology	201	216	213	219	319	147
Physician/supplier lab/pathology	932	1,122	1,154	873	1,145	267
Physician/supplier ambulance	901	1,139	1,237	258	1,858	63
Other physician/supplier	834	945	950	852	1,236	443

Table K.19
Medicare Payments (\$) per Patient Year at Risk: 1998
never MSP in period; as-treated model

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	196,078	151,938	135,210	14,686	2,042	44,140
Total Medicare	45,495	53,885	54,188	47,643	78,662	16,616
Total inpatient	16,708	18,463	18,219	18,469	34,556	10,668
Medical DRG	7,260	8,294	8,120	8,743	16,620	3,701
Surgical DRG	8,077	9,445	9,388	8,944	16,801	3,367
Other DRG	167	185	189	155	151	106
Transplant DRG	682	0	0	0	0	3,031
Non-transplant pass-throughs	497	539	523	627	984	354
Transplant pass-throughs	25	0	0	0	0	110
Total outpatient	17,778	22,555	23,565	13,619	19,914	1,334
Outpatient hemodialysis	9,632	12,398	13,704	846	8,971	110
Outpatient peritoneal dialysis	716	921	61	8,707	1,837	11
Outpatient other dialysis	2	2	2	1	10	0
Outpatient EPO	3,724	4,790	5,076	2,229	4,276	53
Outpatient Calcijex	636	819	909	39	443	6
Outpatient iron	593	763	834	116	749	7
Outpatient other injectables	210	269	286	106	314	9
Radiology	322	380	401	193	347	123
Pharmacy	333	378	400	167	465	180
Ambulance	27	32	32	24	56	9
Laboratory/pathology	419	413	406	435	681	440
Outpatient other	1,165	1,390	1,454	756	1,765	387
Skilled nursing facility	1,232	1,523	1,514	1,039	5,571	231
Home health agency	1,125	1,323	1,339	1,021	2,419	444
Hospice	43	51	49	54	164	14
Total physician/supplier	8,609	9,970	9,502	13,442	16,037	3,925
Transplant surgery	68	7	6	8	10	277
Inpatient surgery	473	533	529	536	812	267
Outpatient surgery	342	367	372	317	387	257
E&M nephrology inpatient	320	366	362	356	672	165
E&M nephrology outpatient	43	22	21	30	34	116
E&M non-nephrology inpatient	776	899	885	866	2,047	354
E&M non-nephrology outpatient	356	383	382	373	502	262
Dialysis capitation	1,324	1,705	1,710	1,691	1,451	14
Inpatient dialysis	408	515	494	634	1,051	37
Home dialysis	541	695	99	5,861	3,008	14
Vascular access	708	897	958	274	1,317	58
Peritoneal access	15	17	9	85	58	6
Physician/supplier EPO	4	2	1	8	3	12
Physician/supplier iron	0	0	0	1	0	0
Immunosuppressive drugs	177	1	1	0	1	784
Durable medical equipment	366	357	367	238	501	400
Physician/supplier radiology	229	249	247	252	348	161
Physician/supplier lab/pathology	747	894	907	761	947	243
Physician/supplier ambulance	858	1,089	1,170	262	1,658	62
Other physician/supplier	853	975	980	887	1,230	435

Table K.20

Medicare Payments (\$) per Patient Year at Risk: 1999*never MSP in period; as-treated model*

	All ESRD	All dialysis	Hemodialysis	CAPD/CCPD	Other dialysis	Transplant
Patient years at risk	200,356	154,797	140,664	13,075	1,058	45,560
Total Medicare	45,286	53,982	54,538	46,787	68,962	15,739
Total inpatient	16,819	18,764	18,734	18,060	31,500	10,210
Medical DRG	7,603	8,753	8,707	8,637	16,266	3,698
Surgical DRG	7,929	9,304	9,319	8,743	14,217	3,260
Other DRG	176	199	207	126	123	99
Transplant DRG	625	0	0	0	0	2,750
Non-transplant pass-throughs	465	509	501	555	895	317
Transplant pass-throughs	20	0	0	0	0	87
Total outpatient	18,542	23,601	24,554	13,751	18,630	1,352
Outpatient hemodialysis	9,836	12,693	13,818	997	7,664	131
Outpatient peritoneal dialysis	608	784	70	8,330	2,434	11
Outpatient other dialysis	2	3	3	1	18	0
Outpatient EPO	4,247	5,475	5,743	2,674	4,492	75
Outpatient Calcijex	621	802	875	45	453	7
Outpatient iron	604	779	842	121	549	9
Outpatient other injectables	259	332	356	86	240	11
Radiology	324	383	401	187	345	125
Pharmacy	472	563	600	179	380	164
Ambulance	25	30	30	23	53	9
Laboratory/pathology	397	386	383	392	635	435
Outpatient other	1,145	1,373	1,434	717	1,367	373
Skilled nursing facility	1,006	1,251	1,285	780	2,444	176
Home health agency	332	425	435	305	624	17
Hospice	51	60	60	51	219	19
Total physician/supplier	8,535	9,880	9,470	13,839	15,545	3,965
Transplant surgery	62	8	7	13	39	247
Inpatient surgery	459	523	526	474	736	241
Outpatient surgery	369	403	412	307	377	256
E&M nephrology inpatient	323	371	371	346	598	163
E&M nephrology outpatient	44	22	21	32	33	118
E&M non-nephrology inpatient	825	963	963	888	1,781	358
E&M non-nephrology outpatient	381	412	413	394	467	274
Dialysis capitation	1,331	1,718	1,720	1,709	1,470	17
Inpatient dialysis	383	485	473	576	872	35
Home dialysis	506	651	93	6,358	4,343	14
Vascular access	652	828	880	270	789	55
Peritoneal access	13	15	8	84	59	5
Physician/supplier EPO	4	2	1	6	3	14
Physician/supplier iron	0	0	0	1	1	0
Immunosuppressive drugs	178	2	1	3	6	776
Durable medical equipment	371	347	359	214	397	453
Physician/supplier radiology	234	256	256	250	349	160
Physician/supplier lab/pathology	701	837	850	706	709	241
Physician/supplier ambulance	762	969	1,033	249	1,268	61
Other physician/supplier	936	1,071	1,080	960	1,248	477

Table K.21

Medicare Payments (\$) per Patient Year at Risk*by physician/supplier specialty, never MSP in period; as-treated model*

	1995	1996	1997	1998	1999
Total	8,737	8,807	8,745	8,609	8,535
Nephrology	1,871	2,045	1,939	1,986	1,971
Pediatric medicine	1,201	1,066	858	834	739
Medical supply company	952	971	1,009	848	767
Laboratory	899	909	884	693	642
Ambulance service supplier	964	908	906	864	770
Internal medicine	579	623	607	622	643
General surgery	614	549	519	473	454
Radiology (diagnostic and therapeutic)	373	389	388	455	473
Cardiology	256	239	250	275	291
Anesthesiology	258	246	257	246	247
Multispecialty clinic/group practice	212	230	236	213	222
Pharmacy	189	167	164	374	478
Ophthalmology	161	146	145	132	130
Vascular surgery	145	141	144	140	143
Thoracic surgery	134	112	101	89	83
General and family practice	96	93	98	109	117
Emergency medicine	98	101	108	116	126
Gastroenterology	97	93	94	99	95
Urology	79	74	73	70	70
Pulmonary disease	70	70	74	78	87
Orthopedic surgery	75	73	75	74	75
Neurology	58	60	61	62	68
Hematology/oncology	39	40	46	51	59
Infectious disease	44	48	54	59	66
Pathology	51	46	41	43	43
Therapeutic services	42	44	47	53	59
Podiatry	42	44	48	47	50
Cardiac surgery	28	27	27	25	27
Dermatology	31	31	32	31	34
Ambulatory surgery center	23	26	29	30	33
Psychiatry (includes neuropsychiatry)	26	25	26	26	24
Obstetrics/gynecology	22	21	22	20	20
Endocrinology	19	19	20	22	23
Plastic and reconstructive surgery	20	21	20	18	18
Otolaryngology	18	17	17	17	17
Geriatric medicine	6	7	7	8	10
Neurosurgery	14	14	15	14	13
Peripheral vascular disease	9	8	7	7	6
Rheumatology	7	7	7	8	8
Optometry	8	7	8	8	10
Home health agency	10	9	6	4	3
Hospital	6	6	6	4	2
Nuclear medicine	5	5	4	5	5
Chiropractic	3	3	4	4	4
Colorectal surgery	3	3	2	2	2
Allergy/immunology	1	1	1	1	1
Other nursing facility	1	1	2	1	2
Maxillofacial and oral surgery	1	1	1	1	1
Skilled nursing facility	1	1	1	1	1
Intermediate care nursing facility	1	1	0	0	0
Other medical care/supplies	3	3	7	5	14
Unknown	73	84	110	79	34
Patients	224,121	234,340	241,510	247,855	250,049
Total years at risk	179,810	186,763	191,493	196,078	200,356
Fertile female patients (age >13)	105,743	110,496	114,127	116,991	117,900
Fertile female years at risk	84,414	87,815	89,908	91,834	93,854
Pediatric patients (age <20)	2,858	3,121	3,206	3,315	3,365
Pediatric years at risk	2,544	2,754	2,880	2,971	3,045
Geriatric patients (age >64)	96,532	101,049	104,759	108,252	108,863
Geriatric years at risk	69,750	72,365	73,727	76,073	78,145

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.

