



CKD
REFERENCE
TABLES



Two significant changes have been made to the reference tables in the Annual Data Report: the printed ADR no longer includes a separate volume of tables, and the overall number of tables has been reduced.

Both of the printed CKD and ESRD volumes now include selected tables of particular interest, and Excel files of the complete tables are available on our website, www.usrds.org.

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The following symbols are used throughout these tables

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Data for some early years are omitted from the printed tables; complete data are available on our website, at www.usrds.org.

Table B.1

Point prevalent (December 31) estimated counts: all non-ESRD Medicare patients*Medicare patients, primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1992	1993	1994	1995	1996	1997	1998	1999	2000
20 - 29	159,720	169,200	178,960	181,920	178,720	173,040	166,780	159,940	152,960
30 - 39	481,180	516,620	550,840	570,040	570,740	564,840	555,340	544,580	533,200
40 - 49	636,420	690,200	762,240	823,700	859,000	889,200	918,980	958,500	1,001,480
50 - 59	776,580	842,460	908,040	960,660	1,014,500	1,072,700	1,116,520	1,177,120	1,251,460
60 - 64	617,780	630,860	660,380	674,780	676,920	680,220	692,380	714,280	745,420
65 - 69	6,602,800	6,518,380	6,412,520	6,134,380	5,814,000	5,456,860	5,162,680	5,055,320	5,077,280
70 - 74	7,261,440	7,213,480	7,351,060	7,164,640	6,832,440	6,620,780	6,381,340	6,226,840	6,204,120
75 - 79	5,539,160	5,519,580	5,542,900	5,534,200	5,508,520	5,459,080	5,371,140	5,456,420	5,489,960
80 - 84	3,717,600	3,723,580	3,844,680	3,839,840	3,792,140	3,738,380	3,715,780	3,695,760	3,792,960
85+	3,110,620	3,106,280	3,226,760	3,255,020	3,248,500	3,258,640	3,272,160	3,312,620	3,365,280
20 - 44	953,000	1,021,220	1,098,660	1,149,860	1,159,860	1,164,340	1,162,400	1,158,300	1,152,900
45 - 54	668,360	737,060	811,220	872,700	923,100	964,660	1,000,500	1,058,100	1,129,100
55 - 64	1,050,320	1,091,060	1,150,580	1,188,540	1,216,920	1,251,000	1,287,100	1,338,020	1,402,520
65 - 74	13,864,240	13,731,860	13,763,580	13,299,020	12,646,440	12,077,640	11,544,020	11,282,160	11,281,400
75+	12,367,380	12,349,440	12,614,340	12,629,060	12,549,160	12,456,100	12,359,080	12,464,800	12,648,200
Male	16,947,180	16,798,020	17,192,360	16,999,280	16,559,320	16,251,580	15,911,620	15,838,340	15,972,180
Female	11,956,120	12,132,620	12,246,020	12,139,900	11,936,160	11,662,160	11,441,480	11,463,040	11,641,940
White	25,237,840	25,446,180	25,763,360	25,447,880	24,850,920	24,291,580	23,761,460	23,682,540	23,915,360
African American	2,434,640	2,487,620	2,560,300	2,541,440	2,477,860	2,427,160	2,395,600	2,412,080	2,461,940
Native American	60,380	67,660	74,780	80,360	85,760	90,000	94,120	99,120	104,180
Asian	152,880	177,520	202,140	216,600	235,380	244,320	253,700	266,800	284,000
†Hispanic	424,060	478,640	537,340	567,980	585,640	593,900	582,440	576,140	579,180
Other/unknown	593,500	273,020	300,460	284,920	259,920	266,780	265,780	264,700	269,460
Diabetes	3,300,240	3,424,380	3,617,980	3,707,460	3,805,100	3,948,380	4,066,300	4,243,440	4,506,000
CHF	2,111,440	2,190,520	2,310,900	2,379,300	2,461,720	2,533,800	2,535,400	2,530,100	2,573,140
CKD	406,540	420,680	459,000	475,240	515,180	557,400	595,900	643,420	728,160
All	28,984,620	29,350,600	29,550,260	29,297,540	28,818,480	28,100,940	27,525,040	27,400,640	27,694,140
	2001	2002	2003	2004	2005	2006	2007	2008	
20 - 29	155,080	163,000	179,540	195,100	196,060	204,700	214,340	223,660	
30 - 39	531,480	524,060	519,740	520,780	499,020	496,160	505,140	516,040	
40 - 49	1,047,180	1,094,280	1,144,420	1,185,760	1,157,180	1,135,420	1,117,120	1,112,820	
50 - 59	1,348,580	1,446,880	1,534,720	1,637,820	1,676,060	1,684,100	1,710,320	1,762,600	
60 - 64	800,640	863,240	927,140	985,760	984,820	987,420	1,018,160	1,061,760	
65 - 69	5,328,700	5,627,300	5,874,640	5,998,520	5,843,920	5,592,080	5,488,660	5,644,020	
70 - 74	6,287,600	6,365,000	6,349,320	6,328,140	6,130,020	5,875,540	5,766,400	5,902,480	
75 - 79	5,565,380	5,714,840	5,750,900	5,663,620	5,479,980	5,182,360	4,951,360	4,847,360	
80 - 84	3,988,660	4,157,220	4,264,020	4,364,000	4,257,720	4,080,080	3,989,420	3,966,140	
85+	3,456,500	3,560,100	3,657,220	3,716,460	3,720,060	3,726,640	3,747,160	3,824,400	
20 - 44	1,167,940	1,181,120	1,204,620	1,230,520	1,191,020	1,176,560	1,182,380	1,189,140	
45 - 54	1,201,840	1,271,140	1,345,860	1,423,120	1,426,380	1,427,940	1,446,360	1,481,620	
55 - 64	1,513,180	1,639,200	1,755,080	1,871,580	1,895,740	1,903,300	1,936,340	2,006,120	
65 - 74	11,616,300	11,992,300	12,223,960	12,326,660	11,973,940	11,467,620	11,255,060	11,546,500	
75+	13,010,540	13,432,160	13,672,140	13,744,080	13,457,760	12,989,080	12,687,940	12,637,900	
Male	16,427,320	16,923,940	17,254,780	17,425,920	17,016,980	16,421,260	16,115,500	16,281,800	
Female	12,082,480	12,591,980	12,946,880	13,170,040	12,927,860	12,543,240	12,392,580	12,579,480	
White	24,625,420	25,446,760	25,982,340	26,275,660	25,730,920	24,887,340	24,450,140	24,704,120	
African American	2,585,480	2,698,360	2,786,080	2,846,640	2,757,400	2,638,440	2,576,140	2,620,020	
Native American	111,760	117,400	121,860	126,240	126,680	127,260	130,080	134,220	
Asian	303,460	330,120	356,940	376,380	387,060	397,740	419,260	440,260	
†Hispanic	595,240	607,100	615,600	610,720	569,160	534,940	537,720	539,140	
Other/unknown	288,440	316,180	338,840	360,320	373,620	378,780	394,740	423,520	
Diabetes	4,895,980	5,325,780	5,676,360	6,028,020	6,046,160	6,093,360	6,239,520	6,482,720	
CHF	2,640,660	2,719,780	2,795,060	2,834,600	2,706,120	2,606,620	2,546,900	2,540,160	
CKD	843,280	973,260	1,098,280	1,237,360	1,350,500	1,639,660	1,813,160	2,039,820	
All	28,598,200	29,596,100	30,291,540	30,728,180	30,578,700	29,664,220	29,223,620	28,861,280	

Table B.2

Point prevalent (December 31) estimated counts: Medicare CKD patients*Medicare patients, primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1992	1993	1994	1995	1996	1997	1998	1999	2000
20 - 29	900	1,280	1,100	1,200	1,260	1,320	1,160	1,240	1,060
30 - 39	3,160	3,600	4,300	4,600	5,420	5,120	5,220	5,780	5,640
40 - 49	5,380	6,140	7,540	8,700	9,620	10,620	12,700	13,480	15,040
50 - 59	10,740	12,520	14,660	15,740	17,780	19,520	22,880	25,720	30,040
60 - 64	11,100	11,980	13,600	14,420	16,080	16,880	18,100	20,820	23,940
65 - 69	63,400	64,280	68,900	71,980	74,860	76,540	79,600	83,240	96,800
70 - 74	85,560	88,900	97,960	98,540	106,720	114,740	122,660	129,740	143,420
75 - 79	85,720	87,740	93,220	96,720	107,520	119,860	126,420	140,100	159,580
80 - 84	70,960	72,980	77,780	82,540	89,380	95,200	101,780	110,160	124,360
85+	69,620	71,260	79,940	80,800	86,540	97,600	105,380	113,140	128,280
20 - 44	6,360	7,900	8,620	9,640	10,620	11,200	11,980	12,800	13,260
45 - 54	6,980	7,880	10,040	11,400	13,320	14,000	16,420	17,900	21,100
55 - 64	17,940	19,740	22,540	23,620	26,220	28,260	31,660	36,340	41,360
65 - 74	148,960	153,180	166,860	170,520	181,580	191,280	202,260	212,980	240,220
75+	226,300	231,980	250,940	260,060	283,440	312,660	333,580	363,400	412,220
Male	204,840	211,060	235,400	243,920	262,720	285,340	303,640	326,240	369,200
Female	201,700	209,620	223,600	231,320	252,460	272,060	292,260	317,180	358,960
White	334,300	342,380	372,240	385,700	418,460	453,380	483,240	522,720	593,040
African American	56,760	62,840	66,400	68,140	72,540	77,380	81,520	86,520	95,940
Native American	560	840	1,280	1,280	1,280	1,660	2,220	2,920	3,740
Asian	1,580	2,040	2,780	3,060	4,260	4,760	6,320	6,880	8,520
Hispanic	5,080	6,540	9,120	10,960	12,540	14,260	15,780	16,960	19,420
Other/unknown	8,260	6,040	7,180	6,100	6,100	5,960	6,820	7,420	7,500
No DM, no CHF	178,680	181,260	191,320	191,920	203,900	215,140	221,360	236,840	260,060
CHF	139,380	149,380	168,520	181,500	203,840	228,520	256,120	284,600	332,200
DM	157,500	163,940	184,080	192,620	208,560	226,580	242,660	259,000	296,420
DM & CHF	69,020	73,900	84,920	90,800	101,120	112,840	124,240	137,020	160,520
All	406,540	420,680	459,000	475,240	515,180	557,400	595,900	643,420	728,160
	2001	2002	2003	2004	2005	2006	2007	2008	
20 - 29	1,360	1,420	1,460	1,620	1,880	2,420	2,820	2,880	
30 - 39	5,960	7,340	7,380	7,060	7,160	8,680	9,300	9,980	
40 - 49	16,260	19,120	22,300	24,340	23,940	27,520	29,360	34,600	
50 - 59	35,420	40,640	46,380	52,900	57,880	69,380	77,060	84,440	
60 - 64	28,500	33,780	38,940	45,540	48,060	57,920	64,440	70,600	
65 - 69	111,800	129,040	149,040	165,300	175,240	208,500	229,620	257,960	
70 - 74	163,460	184,380	203,140	227,880	238,100	280,500	311,980	356,060	
75 - 79	185,540	211,180	233,320	257,980	282,500	329,320	358,160	387,300	
80 - 84	150,760	178,720	207,460	235,920	260,480	317,660	349,580	392,700	
85+	144,220	167,640	188,860	218,820	255,260	337,760	380,840	443,300	
20 - 44	13,980	16,320	17,940	18,400	18,200	21,300	22,540	24,940	
45 - 54	24,780	28,060	31,660	36,420	37,700	44,460	49,720	56,500	
55 - 64	48,740	57,920	66,860	76,640	83,020	100,160	110,720	121,060	
65 - 74	275,260	313,420	352,180	393,180	413,340	489,000	541,600	614,020	
75+	480,520	557,540	629,640	712,720	798,240	984,740	1,088,580	1,223,300	
Male	427,400	494,440	553,000	630,680	679,120	825,900	916,560	1,045,520	
Female	415,880	478,820	545,280	606,680	671,380	813,760	896,600	994,300	
White	686,280	795,160	898,760	1,012,240	1,110,260	1,352,360	1,501,540	1,683,160	
African American	113,200	128,720	143,640	161,180	172,480	206,820	218,760	247,340	
Native American	4,340	4,660	5,100	6,020	5,780	7,480	8,880	10,760	
Asian	10,420	11,540	13,220	16,360	18,380	22,880	27,460	33,160	
Hispanic	20,980	22,860	25,600	28,540	28,660	32,380	35,340	39,580	
Other/unknown	8,060	10,320	11,960	13,020	14,940	17,740	21,180	25,820	
No DM, no CHF	300,780	345,660	394,700	436,240	480,300	589,000	663,320	758,400	
CHF	394,900	464,140	523,440	603,020	656,220	790,420	879,660	988,460	
DM	335,100	377,600	418,540	469,500	499,320	594,700	627,340	669,060	
DM & CHF	187,500	214,140	238,400	271,400	285,340	334,460	357,160	376,100	
All	843,280	973,260	1,098,280	1,237,360	1,350,500	1,639,660	1,813,160	2,039,820	

Table B.3

Point prevalent (December 31) estimated counts: Medicare patients with diabetes*Medicare patients, primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1992	1993	1994	1995	1996	1997	1998	1999	2000
20 - 29	2,960	3,480	4,020	4,400	4,360	4,840	4,620	4,920	5,260
30 - 39	15,740	18,360	19,920	22,420	24,440	26,280	28,700	30,720	33,740
40 - 49	43,300	49,840	57,340	64,900	71,740	78,180	86,820	94,880	105,320
50 - 59	105,900	116,840	131,020	142,940	161,360	179,180	193,800	213,220	235,040
60 - 64	103,060	110,780	120,800	128,420	135,220	143,840	153,500	163,520	179,880
65 - 69	716,060	728,960	748,380	741,820	739,280	736,400	736,900	761,540	805,420
70 - 74	864,260	894,320	947,220	956,980	960,620	986,340	998,980	1,016,700	1,061,980
75 - 79	689,340	712,920	737,700	766,000	796,400	835,780	866,980	926,020	980,140
80 - 84	446,900	462,760	500,440	515,220	531,660	552,440	573,460	592,180	633,000
85+	312,720	326,120	351,140	364,360	380,020	405,100	422,540	439,740	466,220
20 - 44	35,580	41,620	46,620	52,080	56,260	62,420	68,660	73,700	80,580
45 - 54	65,500	75,420	86,380	97,860	110,280	120,180	129,820	142,320	159,200
55 - 64	169,880	182,260	200,100	213,140	230,580	249,720	268,960	291,240	319,460
65 - 74	1,580,320	1,623,280	1,695,600	1,698,800	1,699,900	1,722,740	1,735,880	1,778,240	1,867,400
75+	1,448,960	1,501,800	1,589,280	1,645,580	1,708,080	1,793,320	1,862,980	1,957,940	2,079,360
Male	1,949,940	2,008,300	2,131,600	2,171,980	2,210,460	2,286,360	2,350,360	2,437,940	2,574,240
Female	1,350,300	1,416,080	1,486,380	1,535,480	1,594,640	1,662,020	1,715,940	1,805,500	1,931,760
White	2,719,780	2,809,520	2,944,240	3,010,240	3,084,860	3,197,520	3,286,420	3,423,900	3,637,060
African American	432,380	455,040	486,980	497,340	505,420	514,960	529,240	554,360	586,540
Native American	8,420	10,200	12,240	13,800	15,080	17,300	19,380	21,780	24,260
Asian	17,460	21,420	26,580	30,280	35,300	39,860	43,480	50,040	55,620
†Hispanic	73,140	86,240	102,280	112,120	123,060	134,900	141,240	145,120	152,640
Other/unknown	49,060	41,960	45,660	43,680	41,380	43,840	46,540	48,240	49,880
No CKD, no CHF	2,670,540	2,758,720	2,891,840	2,937,100	2,978,700	3,060,200	3,132,980	3,269,000	3,454,420
CHF	559,340	590,180	642,540	679,660	723,680	772,500	801,440	826,860	879,900
CKD	139,380	149,380	168,520	181,500	203,840	228,520	256,120	284,600	332,200
CKD & CHF	69,020	73,900	84,920	90,800	101,120	112,840	124,240	137,020	160,520
All	3,300,240	3,424,380	3,617,980	3,707,460	3,805,100	3,948,380	4,066,300	4,243,440	4,506,000
	2001	2002	2003	2004	2005	2006	2007	2008	
20 - 29	5,740	6,000	6,900	8,080	9,140	9,260	10,600	10,480	
30 - 39	36,280	39,720	42,740	45,580	45,120	46,240	50,220	52,380	
40 - 49	117,020	134,880	149,640	163,100	160,420	166,460	169,080	177,180	
50 - 59	267,400	297,940	327,020	359,640	369,840	381,760	400,620	422,900	
60 - 64	203,720	232,220	256,920	285,900	285,620	290,860	305,180	320,340	
65 - 69	886,580	983,120	1,069,100	1,145,280	1,146,060	1,150,560	1,167,720	1,214,940	
70 - 74	1,133,200	1,202,700	1,245,020	1,299,680	1,291,980	1,291,060	1,321,520	1,395,800	
75 - 79	1,039,940	1,117,200	1,175,220	1,207,500	1,199,220	1,180,920	1,179,580	1,182,700	
80 - 84	701,160	770,460	825,580	893,500	896,180	900,200	918,800	944,320	
85+	504,940	541,540	578,220	619,760	642,580	676,040	716,200	761,680	
20 - 44	87,520	97,680	106,480	114,640	115,600	118,080	123,400	127,460	
45 - 54	181,960	203,020	223,460	246,540	249,020	257,400	271,780	287,620	
55 - 64	360,680	410,060	453,280	501,120	505,520	519,100	540,520	568,200	
65 - 74	2,019,780	2,185,820	2,314,120	2,444,960	2,438,040	2,441,620	2,489,240	2,610,740	
75+	2,246,040	2,429,200	2,579,020	2,720,760	2,737,980	2,757,160	2,814,580	2,888,700	
Male	2,776,720	2,995,560	3,171,280	3,360,380	3,360,600	3,368,900	3,430,060	3,542,640	
Female	2,119,260	2,330,220	2,505,080	2,667,640	2,685,560	2,724,460	2,809,460	2,940,080	
White	3,945,600	4,287,560	4,562,520	4,843,900	4,874,200	4,926,800	5,044,660	5,226,140	
African American	644,200	703,240	751,020	797,540	784,440	777,100	779,180	810,380	
Native American	27,340	30,700	32,960	35,640	35,740	36,340	39,040	42,300	
Asian	63,080	71,780	82,200	91,060	97,420	102,820	114,260	126,200	
†Hispanic	159,620	168,180	175,160	179,000	166,760	159,480	164,800	168,620	
Other/unknown	56,140	64,320	72,500	80,880	87,600	90,820	97,580	109,080	
No CKD, no CHF	3,746,160	4,069,120	4,323,900	4,581,000	4,599,980	4,579,980	4,655,660	4,799,080	
CHF	942,420	1,006,660	1,067,420	1,115,400	1,075,300	1,057,420	1,061,360	1,071,280	
CKD	394,900	464,140	523,440	603,020	656,220	790,420	879,660	988,460	
CKD & CHF	187,500	214,140	238,400	271,400	285,340	334,460	357,160	376,100	
All	4,895,980	5,325,780	5,676,360	6,028,020	6,046,160	6,093,360	6,239,520	6,482,720	

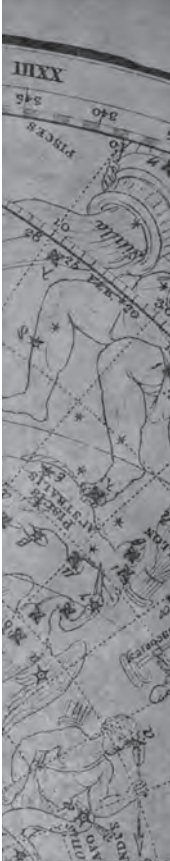


Table B.4

Point prevalent (December 31) estimated counts: Medicare patients with CHF*Medicare patients, primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1992	1993	1994	1995	1996	1997	1998	1999	2000
20 - 29	740	900	1,060	1,120	1,160	1,220	1,240	1,240	1,080
30 - 39	3,880	4,540	5,120	5,660	5,780	6,100	6,120	6,400	6,960
40 - 49	12,680	14,080	15,460	17,840	20,280	21,740	24,000	24,940	28,260
50 - 59	39,540	43,040	46,780	50,920	55,860	61,040	65,180	70,680	78,240
60 - 64	45,660	47,700	52,220	55,320	58,660	61,000	63,720	64,900	70,220
65 - 69	234,660	242,860	248,540	246,280	251,520	247,640	239,900	241,580	246,940
70 - 74	367,340	380,920	401,540	406,020	402,880	419,020	419,080	410,460	409,940
75 - 79	431,580	439,280	453,780	464,780	488,200	505,560	503,980	512,900	525,420
80 - 84	425,540	439,200	468,100	489,460	503,940	510,880	507,400	497,360	508,200
85+	549,820	578,000	618,300	641,900	673,440	699,600	704,780	699,640	697,880
20 - 44	9,700	10,520	11,380	13,020	13,860	15,880	16,360	16,600	17,640
45 - 54	21,920	24,540	27,460	30,520	34,320	36,440	40,600	43,340	49,680
55 - 64	70,880	75,200	81,800	87,320	93,560	98,780	103,300	108,220	117,440
65 - 74	602,000	623,780	650,080	652,300	654,400	666,660	658,980	652,040	656,880
75+	1,406,940	1,456,480	1,540,180	1,596,140	1,665,580	1,716,040	1,716,160	1,709,900	1,731,500
Male	1,278,740	1,323,960	1,403,380	1,447,740	1,489,800	1,526,480	1,518,420	1,500,280	1,512,400
Female	832,700	866,560	907,520	931,560	971,920	1,007,320	1,016,980	1,029,820	1,060,740
White	1,840,640	1,911,320	2,006,580	2,064,900	2,131,000	2,193,400	2,189,660	2,180,380	2,216,220
African American	207,400	216,860	232,080	238,460	248,480	250,360	250,680	252,620	258,700
Native American	1,740	2,460	3,500	3,800	4,380	5,180	6,200	7,060	7,680
Asian	5,360	7,660	9,280	10,880	13,260	15,120	17,040	17,220	18,940
Hispanic	22,280	26,360	30,280	33,580	39,980	44,880	47,060	48,460	48,980
Other/unknown	34,020	25,860	29,180	27,680	24,620	24,860	24,760	24,360	22,620
No DM, no CKD	1,463,620	1,510,300	1,569,200	1,597,820	1,630,600	1,647,560	1,615,540	1,581,260	1,557,340
CKD	157,500	163,940	184,080	192,620	208,560	226,580	242,660	259,000	296,420
DM	559,340	590,180	642,540	679,660	723,680	772,500	801,440	826,860	879,900
CKD & DM	69,020	73,900	84,920	90,800	101,120	112,840	124,240	137,020	160,520
All	2,111,440	2,190,520	2,310,900	2,379,300	2,461,720	2,533,800	2,535,400	2,530,100	2,573,140
	2001	2002	2003	2004	2005	2006	2007	2008	
20 - 29	1,360	1,380	1,720	1,780	1,480	1,620	1,620	1,580	
30 - 39	7,700	8,180	8,620	8,800	8,500	8,340	8,440	8,640	
40 - 49	29,380	33,060	36,780	38,480	35,600	36,420	35,940	35,340	
50 - 59	85,980	93,760	100,260	105,380	106,640	104,600	103,720	106,660	
60 - 64	76,320	83,900	89,160	95,060	91,660	91,720	93,200	91,840	
65 - 69	261,180	274,900	290,960	299,360	278,240	268,220	262,620	265,160	
70 - 74	415,380	420,420	424,260	425,480	397,940	375,840	362,320	370,040	
75 - 79	535,640	538,080	547,120	535,240	506,420	477,860	454,520	441,000	
80 - 84	526,620	547,780	565,560	583,480	552,240	523,140	511,220	498,040	
85+	701,100	718,320	730,620	741,540	727,400	718,860	713,300	721,860	
20 - 44	19,180	21,400	23,140	24,360	22,960	22,640	21,520	22,060	
45 - 54	53,800	57,300	61,560	65,500	63,980	65,020	64,820	65,820	
55 - 64	127,760	141,580	151,840	159,640	156,940	155,040	156,580	156,180	
65 - 74	676,560	695,320	715,220	724,840	676,180	644,060	624,940	635,200	
75+	1,763,360	1,804,180	1,843,300	1,860,260	1,786,060	1,719,860	1,679,040	1,660,900	
Male	1,537,520	1,572,080	1,603,060	1,609,480	1,528,900	1,467,700	1,423,160	1,403,480	
Female	1,103,140	1,147,700	1,192,000	1,225,120	1,177,220	1,138,920	1,123,740	1,136,680	
White	2,260,740	2,324,720	2,387,160	2,417,640	2,309,960	2,229,840	2,176,140	2,163,260	
African American	273,460	284,640	291,580	299,820	283,820	268,680	258,340	264,600	
Native American	9,660	9,760	10,360	10,440	10,400	10,600	11,240	11,500	
Asian	22,000	23,600	24,520	26,140	26,160	25,520	28,280	28,840	
Hispanic	52,940	54,260	58,320	56,800	52,100	48,180	48,380	47,100	
Other/unknown	21,860	22,800	23,120	23,760	23,680	23,800	24,520	24,860	
No DM, no CKD	1,550,640	1,549,660	1,547,500	1,521,100	1,416,840	1,288,960	1,215,360	1,175,920	
CKD	335,100	377,600	418,540	469,500	499,320	594,700	627,340	669,060	
DM	942,420	1,006,660	1,067,420	1,115,400	1,075,300	1,057,420	1,061,360	1,071,280	
CKD & DM	187,500	214,140	238,400	271,400	285,340	334,460	357,160	376,100	
All	2,640,660	2,719,780	2,795,060	2,834,600	2,706,120	2,606,620	2,546,900	2,540,160	

Table B.5

Point prevalent (December 31) estimated counts: Medicare patients without ESRD, CKD, diabetes, or CHF*Medicare patients, primary payor only, by age, gender, race, & ethnicity*

	1992	1993	1994	1995	1996	1997	1998	1999	2000
20 - 29	155,560	164,100	173,300	175,840	172,400	166,200	160,440	153,260	146,220
30 - 39	460,300	492,380	523,960	540,300	538,100	530,780	518,820	505,760	491,260
40 - 49	581,060	627,120	690,100	742,480	768,540	790,880	810,180	840,740	871,160
50 - 59	642,140	695,380	743,560	781,200	815,100	852,660	879,560	919,020	967,060
60 - 64	483,140	487,640	505,300	510,720	504,420	498,160	500,680	512,060	525,200
65 - 69	5,706,100	5,600,980	5,476,060	5,206,960	4,887,500	4,538,640	4,253,140	4,125,340	4,101,420
70 - 74	6,112,360	6,027,360	6,099,740	5,904,520	5,572,880	5,329,640	5,079,340	4,912,460	4,847,180
75 - 79	4,504,060	4,460,360	4,449,840	4,410,040	4,339,100	4,241,780	4,131,920	4,153,320	4,126,620
80 - 84	2,915,700	2,897,460	2,963,140	2,932,760	2,858,640	2,781,760	2,743,980	2,713,160	2,764,080
85+	2,311,860	2,271,880	2,335,720	2,335,340	2,291,760	2,258,420	2,253,420	2,282,740	2,314,620
20 - 44	906,100	966,700	1,037,680	1,082,200	1,086,120	1,083,060	1,074,760	1,065,580	1,052,580
45 - 54	585,160	642,220	702,560	750,440	786,260	817,060	840,060	883,260	933,320
55 - 64	830,940	857,700	895,980	917,900	926,180	938,560	954,860	982,000	1,015,000
65 - 74	11,818,460	11,628,340	11,575,800	11,111,480	10,460,380	9,868,280	9,332,480	9,037,800	8,948,600
75+	9,731,620	9,629,700	9,748,700	9,678,140	9,489,500	9,281,960	9,129,320	9,149,220	9,205,320
Male	13,976,520	13,741,120	13,956,140	13,700,000	13,194,420	12,794,660	12,408,500	12,264,460	12,269,060
Female	9,895,760	9,983,540	10,004,580	9,840,160	9,554,020	9,194,260	8,922,980	8,853,400	8,885,760
White	20,992,880	21,064,480	21,185,100	20,773,960	20,057,420	19,352,860	18,755,860	18,553,360	18,560,140
African American	1,845,820	1,869,880	1,901,380	1,871,520	1,797,400	1,738,940	1,694,080	1,686,600	1,703,540
Native American	50,800	55,880	60,200	64,180	67,820	69,280	70,700	72,800	75,300
Asian	130,520	149,580	167,600	177,480	189,180	192,580	196,860	203,820	214,240
†Hispanic	334,760	373,500	414,080	432,580	436,600	430,840	412,900	402,560	398,380
Other/unknown	517,500	211,340	232,360	220,440	200,020	204,420	201,080	198,720	203,220
All	23,872,280	23,724,660	23,960,720	23,540,160	22,748,440	21,988,920	21,331,480	21,117,860	21,154,820
	2001	2002	2003	2004	2005	2006	2007	2008	
20 - 29	147,320	154,960	170,320	184,640	184,520	192,500	200,640	210,180	
30 - 39	486,600	474,580	466,640	465,360	444,220	439,340	444,580	453,020	
40 - 49	904,360	931,240	964,440	989,760	965,820	936,000	915,360	901,680	
50 - 59	1,029,540	1,092,260	1,146,820	1,214,980	1,238,260	1,231,860	1,239,680	1,264,780	
60 - 64	554,160	585,080	620,320	647,560	647,620	643,060	658,460	684,100	
65 - 69	4,262,480	4,453,880	4,603,340	4,644,560	4,495,080	4,236,860	4,108,820	4,208,420	
70 - 74	4,856,920	4,864,980	4,796,900	4,720,460	4,540,260	4,286,800	4,144,880	4,188,920	
75 - 79	4,129,620	4,199,620	4,172,340	4,054,040	3,889,680	3,614,500	3,391,840	3,278,720	
80 - 84	2,879,400	2,959,740	2,997,300	3,018,680	2,923,260	2,742,660	2,631,580	2,575,620	
85+	2,364,400	2,415,020	2,464,540	2,472,460	2,458,840	2,409,360	2,383,860	2,385,840	
20 - 44	1,059,660	1,060,300	1,073,240	1,090,780	1,051,160	1,032,860	1,033,820	1,036,440	
45 - 54	982,360	1,028,100	1,078,760	1,129,140	1,130,120	1,120,000	1,124,160	1,139,900	
55 - 64	1,079,960	1,149,720	1,216,540	1,282,380	1,299,160	1,289,900	1,300,740	1,337,420	
65 - 74	9,119,400	9,318,860	9,400,240	9,365,020	9,035,340	8,523,660	8,253,700	8,397,340	
75+	9,373,420	9,574,380	9,634,180	9,545,180	9,271,780	8,766,520	8,407,280	8,240,180	
Male	12,502,960	12,755,280	12,882,160	12,853,100	12,482,140	11,867,080	11,501,500	11,507,980	
Female	9,111,840	9,376,080	9,520,800	9,559,400	9,305,420	8,865,860	8,618,200	8,643,300	
White	18,928,520	19,354,720	19,560,200	19,546,960	19,005,680	18,082,840	17,519,180	17,527,240	
African American	1,761,440	1,810,120	1,845,780	1,853,700	1,785,100	1,673,020	1,611,240	1,613,980	
Native American	78,640	80,960	82,880	84,440	85,060	84,160	84,500	84,280	
Asian	224,340	241,580	256,820	266,040	270,140	274,920	282,300	289,940	
†Hispanic	405,060	407,860	407,120	398,200	372,360	347,260	344,340	341,460	
Other/unknown	216,800	236,120	250,160	263,160	269,220	270,740	278,140	294,380	
All	21,614,800	22,131,360	22,402,960	22,412,500	21,787,560	20,732,940	20,119,700	20,151,280	



Table B.6

Point prevalent (December 31) estimated counts: Medicare CKD patients, by coded CKD stage*Medicare patients, primary payor only, by age, gender, race, & ethnicity*

	2006			2007			2008		
	Stages 1-2	Stages 3-5	Unknown	Stages 1-2	Stages 3-5	Unknown	Stages 1-2	Stages 3-5	Unknown
20 - 29	360	440	1,620	540	520	1,760	380	780	1,720
30 - 39	960	2,120	5,600	1,320	2,580	5,400	1,360	3,100	5,520
40 - 49	3,100	7,300	17,120	3,440	8,320	17,600	4,000	10,540	20,060
50 - 59	7,760	22,800	38,820	8,020	28,760	40,280	8,800	33,140	42,500
60 - 64	6,120	19,740	32,060	6,980	25,140	32,320	7,540	29,520	33,540
65 - 69	21,820	70,680	116,000	24,220	89,960	115,440	26,640	106,340	124,980
70 - 74	27,000	102,120	151,380	29,420	128,200	154,360	33,560	156,340	166,160
75 - 79	28,800	120,060	180,460	31,060	151,440	175,660	32,400	178,220	176,680
80 - 84	23,720	112,960	180,980	26,540	146,460	176,580	29,900	178,180	184,620
85+	25,700	105,540	206,520	27,240	141,580	212,020	30,320	187,120	225,860
20 - 44	2,480	5,080	13,740	2,860	5,920	13,760	3,200	7,340	14,400
45 - 54	5,200	13,480	25,780	5,620	16,580	27,520	6,160	19,920	30,420
55 - 64	10,620	33,840	55,700	11,820	42,820	56,080	12,720	49,820	58,520
65 - 74	48,820	172,800	267,380	53,640	218,160	269,800	60,200	262,680	291,140
75+	78,220	338,560	567,960	84,840	439,480	564,260	92,620	543,520	587,160
Male	69,340	279,240	477,320	76,860	363,080	476,620	85,820	449,760	509,940
Female	76,000	284,520	453,240	81,920	359,880	454,800	89,080	433,520	471,700
White	115,680	458,520	778,160	126,480	590,920	784,140	139,740	724,660	818,760
African American	22,100	76,500	108,220	22,860	94,980	100,920	24,580	112,460	110,300
Native American	580	2,400	4,500	860	3,580	4,440	920	4,360	5,480
Asian	2,320	8,220	12,340	2,580	11,220	13,660	2,840	14,040	16,280
Hispanic	3,060	11,660	17,660	3,960	13,720	17,660	4,200	16,720	18,660
Other/unknown	1,600	6,460	9,680	2,040	8,540	10,600	2,620	11,040	12,160
All	145,340	563,760	930,560	158,780	722,960	931,420	174,900	883,280	981,640

Table B.7

Point prevalent estimated counts: non-institutionalized U.S. population, NHANES data*by age, gender, race, ethnicity, & at-risk group*

	NHANES 1999-2000	NHANES 2001-2002	NHANES 2003-2004	NHANES 2005-2006
20 - 44	105,306,165	104,542,731	102,588,162	101,943,651
45 - 54	33,981,535	41,302,751	42,404,756	44,472,328
55 - 64	21,742,990	22,989,234	25,265,610	27,676,997
65 - 74	17,453,444	15,798,044	19,259,986	20,064,376
75+	13,519,506	14,963,477	15,766,154	15,995,241
Male	91,673,594	95,380,963	98,429,499	101,086,749
Female	100,330,047	104,215,274	106,855,170	109,065,843
Non-Hispanic white	135,984,262	143,285,094	148,937,815	150,956,623
Non-Hispanic Af Am	21,157,252	22,154,099	23,418,641	24,118,055
Mexican American	12,199,634	14,278,115	15,940,482	16,714,420
Other	22,662,493	19,878,930	16,987,731	18,363,494
Diabetes	11,271,950	13,181,240	15,921,059	16,279,522
CHF	4,055,817	4,407,362	5,373,092	5,437,102
CKD: MDRD formula	28,772,506	30,977,142	30,729,322	32,828,657
CKD: CKD-EPI formula	26,023,831	27,872,428	29,327,059	30,095,830
All	192,003,641	199,596,237	205,284,669	210,152,592

Diabetes and CHF are self-reported.

CKD, by MDRD formula: CKD includes Stages 1-4 and eGFR is estimated

by the MDRD method using standardized serum creatinine as suggested by NCHS.

CKD, by CKD-EPI formula: CKD includes Stages 1-4 and eGFR is estimated

by the CKD-EPI method using standardized serum creatinine as suggested by NCHS.



Table B.8

Point prevalent estimated counts: non-institutionalized U.S. population with CKD, NHANES data*by age, gender, race, ethnicity, & at-risk group*

	CKD, by MDRD formula			
	NHANES 1999-2000	NHANES 2001-2002	NHANES 2003-2004	NHANES 2005-2006
20 - 44	8,042,476	6,133,963	5,716,204	6,907,299
45 - 54	4,060,894	6,252,407	4,221,204	4,475,837
55 - 64	4,430,499	4,725,897	5,033,078	6,176,928
65 - 74	5,389,446	5,584,554	7,041,522	6,291,644
75+	6,849,191	8,280,321	8,717,314	8,976,949
Male	11,474,158	13,193,738	13,431,921	12,762,771
Female	17,298,348	17,783,404	17,297,401	20,065,886
Non-Hispanic white	20,544,457	23,667,144	22,898,099	24,348,793
Non-Hispanic Af Am	3,002,114	3,213,663	3,357,758	3,694,566
Mexican American	1,364,838	1,533,535	*	1,996,369
Other	*	2,562,800	2,603,347	2,788,929
No DM, no CHF	23,335,794	23,450,724	22,079,097	24,251,689
CHF	1,044,097	1,554,850	1,446,835	1,631,162
DM	3,893,905	5,183,333	5,480,807	5,718,705
DM & CHF	*	788,236	1,722,583	1,227,102
All	28,772,506	30,977,142	30,729,322	32,828,657

	CKD, by CKD-EPI formula			
	NHANES 1999-2000	NHANES 2001-2002	NHANES 2003-2004	NHANES 2005-2006
20 - 44	7,174,534	5,626,927	5,413,885	6,398,349
45 - 54	3,574,883	4,439,167	3,766,504	4,071,265
55 - 64	3,021,975	4,030,754	4,364,445	4,753,592
65 - 74	5,174,244	5,409,999	6,875,620	5,509,660
75+	7,078,195	8,365,581	8,906,606	9,362,965
Male	10,548,805	12,054,010	13,001,575	12,564,518
Female	15,475,025	15,818,418	16,325,483	17,531,312
Non-Hispanic white	18,113,687	20,716,567	21,596,105	21,917,515
Non-Hispanic Af Am	3,019,095	3,219,561	3,310,398	3,818,125
Mexican American	1,251,648	1,523,079	*	1,927,317
Other	*	*	2,603,904	2,432,874
No DM, no CHF	20,749,401	20,654,653	20,984,055	21,815,021
CHF	993,719	1,558,983	1,412,560	1,579,236
DM	3,781,794	4,844,353	5,316,367	5,446,001
DM & CHF	*	814,438	1,614,076	1,255,572
All	26,023,831	27,872,428	29,327,059	30,095,830

*estimate not reliable

Table B.9

Point prevalent estimated counts: non-institutionalized U.S. population with diabetes, NHANES data

by age, gender, race, ethnicity, & at-risk group

	NHANES 1999-2000	NHANES 2001-2002	NHANES 2003-2004	NHANES 2005-2006
20 - 44	1,724,611	2,856,172	2,217,576	2,944,317
45 - 54	2,277,404	2,776,284	3,778,843	3,373,963
55 - 64	2,533,324	2,879,065	3,260,451	3,892,424
65 - 74	2,956,996	2,394,599	4,082,351	3,757,695
75+	1,779,615	2,275,120	2,581,837	2,311,123
Male	5,588,763	6,538,686	7,464,449	7,272,468
Female	5,683,187	6,642,554	8,456,611	9,007,053
Non-Hispanic white	6,775,986	8,263,373	11,109,869	9,960,016
Non-Hispanic Af Am	2,026,183	2,023,105	2,504,863	3,039,315
Mexican American	*	933,285	*	1,409,612
Other	*	*	1,123,856	1,870,579
CKD: MDRD formula				
No CKD, no CHF	6,520,727	6,938,955	8,332,135	8,846,579
CHF	*	*	*	594,643
CKD	3,944,994	5,159,009	5,594,300	5,630,190
CKD & CHF	*	784,537	1,758,253	1,208,109
CKD: CKD-EPI formula				
No CKD, no CHF	6,660,148	7,279,767	8,503,011	9,117,854
CHF	*	*	*	567,257
CKD	3,809,792	4,818,197	5,423,424	5,358,916
CKD & CHF	*	810,041	1,646,579	1,235,495
All	11,271,950	13,181,240	15,921,059	16,279,522

*estimate not reliable



Table B.10

Point prevalent estimated counts: non-institutionalized U.S. population with CHF, NHANES data*by age, gender, race, ethnicity, & at-risk group*

	NHANES 1999-2000	NHANES 2001-2002	NHANES 2003-2004	NHANES 2005-2006
20 - 44	620,541	955,008	748,395	983,355
45 - 54	819,444	928,296	1,275,297	1,126,850
55 - 64	911,528	962,662	1,100,348	1,300,008
65 - 74	1,063,972	800,673	1,377,725	1,255,010
75+	640,332	760,723	871,327	771,879
Male	2,010,921	2,186,316	2,519,127	2,428,889
Female	2,044,896	2,221,046	2,853,965	3,008,213
Non-Hispanic white	2,438,102	2,762,993	3,749,396	3,326,487
Non-Hispanic Af Am	729,051	676,458	845,349	1,015,083
Mexican American	*	312,059	*	470,788
Other	*	*	379,283	624,744
CKD: MDRD formula				
No DM, no CKD	2,346,256	2,320,153	2,811,957	2,954,617
CKD	*	*	*	198,601
DM	1,419,468	1,724,998	1,887,983	1,880,394
CKD & DM	*	262,323	593,381	403,489
CKD: CKD-EPI formula				
No DM, no CKD	2,396,421	2,434,109	2,869,624	3,045,218
CKD	*	*	*	189,455
DM	1,370,820	1,611,042	1,830,315	1,789,793
CKD & DM	*	270,850	555,693	412,636
All	4,055,817	4,407,362	5,373,092	5,437,102

*estimate not reliable

Table K.1

Per person per year estimated costs (\$): all non-ESRD Medicare patients

general Medicare patients (5 percent sample), primary payor only, by age, gender, race, ethnicity, & at-risk group

	1993	1994	1995	1996	1997	1998	1999	2000	2001
20 - 29	2,979	3,124	3,097	3,065	3,106	3,292	2,987	3,004	3,675
30 - 39	3,286	3,606	3,778	3,874	3,932	3,762	3,661	3,717	4,122
40 - 49	3,161	3,525	3,703	3,954	4,075	4,024	3,980	4,136	4,537
50 - 59	3,852	4,122	4,478	4,749	4,905	4,738	4,772	4,906	5,381
60 - 64	4,625	4,926	5,429	5,878	5,982	5,834	5,640	5,756	6,396
65 - 69	2,891	3,141	3,393	3,579	3,779	3,755	3,741	3,879	4,264
70 - 74	3,528	3,839	4,152	4,390	4,658	4,579	4,622	4,775	5,205
75 - 79	4,357	4,762	5,128	5,466	5,789	5,626	5,622	5,846	6,411
80 - 84	5,037	5,639	6,193	6,583	6,975	6,623	6,547	6,791	7,516
85+	5,701	6,527	7,244	7,713	8,285	7,806	7,598	7,830	8,679
20 - 44	3,197	3,486	3,622	3,737	3,824	3,767	3,646	3,771	4,168
45 - 54	3,454	3,676	3,977	4,265	4,435	4,249	4,269	4,423	4,822
55 - 64	4,343	4,707	5,130	5,494	5,582	5,464	5,372	5,462	6,100
65 - 74	3,224	3,507	3,798	4,015	4,253	4,207	4,228	4,373	4,781
75+	4,888	5,456	5,976	6,367	6,773	6,477	6,404	6,634	7,324
Male	3,820	4,281	4,708	5,007	5,342	5,172	5,120	5,345	5,903
Female	4,185	4,506	4,855	5,176	5,464	5,345	5,374	5,521	6,064
White	3,952	4,312	4,692	4,986	5,295	5,168	5,157	5,369	5,907
African American	4,579	5,137	5,649	6,078	6,471	6,139	5,972	6,055	6,690
Native American	2,603	3,171	3,887	4,120	4,256	4,535	4,179	4,763	5,465
Asian	2,634	2,995	3,208	3,602	4,292	4,031	4,434	4,628	5,565
Hispanic	3,266	4,041	4,419	4,824	5,512	5,275	5,363	5,379	6,148
Other/unknown	3,242	5,133	5,839	6,240	5,660	5,429	5,583	5,239	5,332
Diabetes	7,098	7,817	8,497	9,051	9,541	9,044	8,689	8,901	9,612
CHF	10,448	11,448	12,529	13,339	14,224	13,408	12,994	13,370	14,569
CKD	12,202	12,931	14,667	15,635	16,258	15,150	14,753	14,996	16,127
All	3,970	4,375	4,769	5,077	5,393	5,244	5,226	5,419	5,970
	2002	2003	2004	2005	2006	2007	2008		
20 - 29	3,480	3,727	3,959	4,323	4,276	4,424	4,735		
30 - 39	4,326	4,699	5,060	5,255	5,328	5,563	5,699		
40 - 49	4,791	5,261	5,766	6,178	6,206	6,469	6,889		
50 - 59	5,735	6,149	6,527	6,910	7,117	7,580	7,853		
60 - 64	6,796	7,280	7,908	8,316	8,394	8,721	9,159		
65 - 69	4,487	4,753	5,115	5,411	5,554	5,839	6,115		
70 - 74	5,481	5,803	6,221	6,592	6,738	7,000	7,230		
75 - 79	6,769	7,142	7,685	8,139	8,345	8,667	9,100		
80 - 84	7,855	8,238	8,874	9,458	9,865	10,328	10,835		
85+	9,182	9,626	10,371	11,128	11,666	12,477	13,284		
20 - 44	4,345	4,730	5,125	5,406	5,427	5,604	5,854		
45 - 54	5,215	5,654	6,031	6,536	6,621	6,953	7,385		
55 - 64	6,404	6,853	7,405	7,727	7,891	8,335	8,644		
65 - 74	5,024	5,309	5,689	6,017	6,160	6,433	6,686		
75+	7,720	8,116	8,750	9,339	9,716	10,249	10,844		
Male	6,246	6,598	7,128	7,576	7,874	8,326	8,769		
Female	6,348	6,709	7,173	7,614	7,802	8,126	8,486		
White	6,215	6,581	7,082	7,533	7,776	8,181	8,593		
African American	7,080	7,355	7,942	8,428	8,662	9,051	9,425		
Native American	5,938	6,886	7,052	7,414	7,741	8,347	8,838		
Asian	5,950	6,046	6,457	6,391	6,428	6,741	7,127		
Hispanic	6,668	7,097	7,566	8,116	9,102	9,584	10,053		
Other/unknown	5,281	5,491	5,628	5,835	6,185	6,262	6,657		
Diabetes	9,964	10,403	11,036	11,518	11,857	12,265	12,739		
CHF	15,601	16,344	17,558	18,810	19,366	20,673	21,960		
CKD	16,629	16,862	17,851	18,550	19,256	19,565	19,977		
All	6,289	6,645	7,147	7,592	7,843	8,240	8,646		

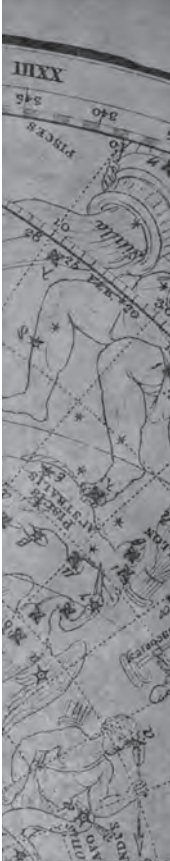


Table K.2

Per person per year estimated costs (\$): Medicare CKD patients*general Medicare patients (5 percent sample), primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1993	1994	1995	1996	1997	1998	1999	2000	2001
20 - 29	10,461	10,541	11,673	18,158	17,611	16,691	14,061	13,338	17,559
30 - 39	12,675	15,112	19,086	18,785	15,578	13,922	13,207	16,054	16,490
40 - 49	12,339	13,997	15,000	17,716	17,777	14,771	15,097	14,541	15,715
50 - 59	13,433	15,570	16,884	17,072	16,595	14,713	16,153	16,893	17,970
60 - 64	15,701	15,052	16,556	20,154	19,697	17,797	16,927	17,222	16,634
65 - 69	12,115	11,480	13,480	13,640	14,770	13,792	13,112	13,528	14,114
70 - 74	11,753	12,256	14,612	15,108	15,011	14,621	14,333	13,963	14,945
75 - 79	12,487	12,810	14,849	15,043	16,747	15,912	14,977	15,701	16,578
80 - 84	11,551	13,757	14,670	16,666	17,017	15,142	15,008	15,349	16,917
85+	12,384	13,519	14,586	16,315	16,989	15,726	15,448	15,303	17,348
20 - 44	12,312	14,152	16,379	17,485	16,381	13,934	14,412	14,987	16,571
45 - 54	11,723	14,771	16,024	17,203	17,493	15,985	15,703	16,508	15,822
55 - 64	15,265	15,245	16,771	19,335	18,393	16,181	16,498	16,808	17,719
65 - 74	11,908	11,927	14,140	14,479	14,911	14,287	13,848	13,792	14,608
75+	12,163	13,316	14,713	15,936	16,903	15,621	15,127	15,477	16,906
Male	12,345	13,278	15,020	15,904	16,779	15,582	14,854	15,038	16,505
Female	12,055	12,577	14,290	15,345	15,710	14,693	14,647	14,953	15,736
White	11,756	12,476	14,106	14,830	15,475	14,496	14,221	14,541	15,607
African American	14,335	15,307	16,959	19,762	20,131	18,851	17,554	17,832	19,314
Native American	11,386	10,992	18,056	13,335	15,157	12,840	11,565	13,792	14,779
Asian	9,674	12,164	7,309	11,942	12,555	11,828	15,009	14,545	15,506
Hispanic	10,335	12,444	18,909	17,842	20,166	16,482	16,030	15,387	16,185
Other/unknown	18,789	15,530	20,303	20,065	20,120	17,785	17,537	14,713	18,486
NDM, non-CHF	8,836	9,108	10,189	10,819	10,922	10,205	10,224	10,348	11,161
CHF	17,009	18,085	20,711	22,065	23,303	21,739	21,116	21,355	22,908
DM	15,238	16,303	18,437	19,207	20,304	18,763	17,305	18,010	18,815
DM & CHF	19,721	20,937	24,230	25,354	27,102	25,462	23,644	24,576	25,410
All	12,202	12,931	14,667	15,635	16,258	15,150	14,753	14,996	16,127
	2002	2003	2004	2005	2006	2007	2008		
20 - 29	14,384	12,873	14,634	20,603	15,554	20,986	21,534		
30 - 39	16,784	14,561	18,329	20,000	20,348	20,565	22,216		
40 - 49	17,088	18,588	21,503	21,346	23,867	20,225	21,933		
50 - 59	19,163	19,254	19,924	21,785	20,804	22,173	21,776		
60 - 64	18,658	19,152	20,041	20,049	20,897	21,674	22,145		
65 - 69	14,713	15,060	15,738	16,436	16,881	17,600	18,057		
70 - 74	15,643	15,902	16,323	17,014	17,326	17,685	17,642		
75 - 79	16,916	16,970	18,013	18,170	19,155	18,955	19,475		
80 - 84	17,044	17,168	18,580	19,367	19,872	20,286	20,559		
85+	17,500	17,895	18,945	20,028	21,313	21,459	22,271		
20 - 44	17,147	16,593	19,409	21,226	21,101	20,632	22,413		
45 - 54	17,677	18,886	20,832	22,082	21,273	20,958	21,741		
55 - 64	19,081	19,144	19,940	20,413	21,314	22,046	21,947		
65 - 74	15,263	15,554	16,074	16,772	17,137	17,649	17,818		
75+	17,122	17,294	18,467	19,111	20,047	20,209	20,763		
Male	16,633	16,835	17,975	18,485	19,381	19,879	20,244		
Female	16,624	16,890	17,723	18,617	19,130	19,246	19,704		
White	16,144	16,355	17,410	18,097	18,787	19,087	19,454		
African American	18,830	19,494	20,454	21,596	21,774	22,581	23,065		
Native American	15,854	18,991	18,516	17,326	17,750	20,055	19,179		
Asian	19,987	15,929	16,892	16,551	17,812	16,790	20,383		
Hispanic	19,119	20,092	20,188	20,263	25,342	23,951	24,075		
Other/unknown	17,104	16,413	15,966	16,328	16,891	17,523	18,898		
NDM, non-CHF	11,398	11,782	12,583	12,792	13,609	13,800	14,140		
CHF	23,772	24,440	25,677	27,059	28,062	28,917	30,257		
DM	19,429	19,517	20,529	21,218	21,948	22,320	22,572		
DM & CHF	26,241	27,161	28,096	29,101	30,676	31,822	32,828		
All	16,629	16,862	17,851	18,550	19,256	19,565	19,977		

Table K.3

Per person per year estimated costs (\$): Medicare patients with diabetes

general Medicare patients (5 percent sample), primary payor only, by age, gender, race, ethnicity, & at-risk group

	1993	1994	1995	1996	1997	1998	1999	2000	2001
20 - 29	7,657	8,252	8,393	8,337	8,660	10,108	10,320	8,666	10,952
30 - 39	8,029	7,813	9,039	8,389	8,892	7,215	7,111	8,386	8,815
40 - 49	6,495	7,495	7,894	8,260	8,376	7,959	8,155	8,484	8,684
50 - 59	7,429	7,953	8,381	9,023	8,948	8,543	8,689	9,064	9,685
60 - 64	8,065	8,580	9,051	10,087	10,189	9,745	9,119	9,194	9,926
65 - 69	5,864	6,335	6,881	7,269	7,660	7,254	6,983	7,125	7,775
70 - 74	6,627	7,287	7,826	8,227	8,584	8,362	7,993	8,116	8,632
75 - 79	7,546	8,297	8,906	9,442	10,131	9,625	9,220	9,342	10,146
80 - 84	8,082	9,045	10,120	10,829	11,404	10,393	9,921	10,234	11,167
85+	8,620	9,768	10,759	11,636	12,390	11,493	10,864	11,301	12,194
20 - 44	7,518	7,769	8,069	7,971	8,230	7,583	7,828	8,397	8,644
45 - 54	7,056	7,482	7,970	8,690	8,960	8,259	8,513	8,968	9,254
55 - 64	7,759	8,436	8,963	9,760	9,651	9,317	8,924	9,085	9,898
65 - 74	6,280	6,857	7,408	7,807	8,181	7,887	7,563	7,690	8,262
75+	7,933	8,834	9,680	10,342	11,009	10,264	9,791	10,030	10,893
Male	7,053	7,817	8,542	9,086	9,585	9,038	8,608	8,907	9,622
Female	7,163	7,818	8,432	9,002	9,480	9,052	8,801	8,893	9,599
White	7,035	7,699	8,376	8,876	9,327	8,879	8,537	8,809	9,463
African American	7,560	8,668	9,343	10,240	10,815	10,213	9,674	9,691	10,630
Native American	4,501	6,352	7,685	7,721	8,241	8,153	7,095	8,092	8,908
Asian	4,924	5,464	5,726	6,441	7,341	7,300	7,362	7,679	8,806
†Hispanic	5,523	7,370	8,040	8,549	10,129	9,050	9,013	8,639	9,760
Other/unknown	10,470	9,061	10,293	11,295	10,565	9,295	9,266	8,771	9,292
Non-CKD, non-CHF	5,781	6,343	6,792	7,205	7,443	7,056	6,803	6,938	7,522
CHF	13,456	14,774	16,240	17,096	18,251	17,012	16,169	16,710	17,815
CKD	15,238	16,303	18,437	19,207	20,304	18,763	17,305	18,010	18,815
CKD & CHF	19,721	20,937	24,230	25,354	27,102	25,462	23,644	24,576	25,410
All	7,098	7,817	8,497	9,051	9,541	9,044	8,689	8,901	9,612
	2002	2003	2004	2005	2006	2007	2008		
20 - 29	9,487	9,188	9,040	8,826	9,603	9,666	10,982		
30 - 39	9,369	9,268	9,907	10,420	10,348	11,695	11,457		
40 - 49	9,445	10,547	11,495	11,253	11,688	11,625	12,216		
50 - 59	9,686	10,178	11,009	11,472	11,576	12,437	12,672		
60 - 64	10,286	10,917	11,650	12,066	12,494	12,705	13,331		
65 - 69	8,017	8,447	8,763	9,099	9,282	9,638	9,945		
70 - 74	8,932	9,348	9,958	10,290	10,554	10,647	11,016		
75 - 79	10,474	10,883	11,547	12,043	12,298	12,605	13,154		
80 - 84	11,577	11,980	12,727	13,477	14,006	14,490	14,972		
85+	12,952	13,355	14,180	15,052	15,642	16,581	17,323		
20 - 44	9,456	9,864	10,935	11,040	10,964	11,391	11,647		
45 - 54	9,790	10,380	10,960	11,312	11,547	11,940	12,643		
55 - 64	9,914	10,589	11,439	11,776	12,139	12,696	13,002		
65 - 74	8,529	8,942	9,405	9,731	9,955	10,171	10,514		
75+	11,348	11,756	12,489	13,168	13,612	14,158	14,771		
Male	9,958	10,395	11,092	11,504	11,908	12,383	12,905		
Female	9,972	10,412	10,965	11,535	11,794	12,119	12,536		
White	9,801	10,256	10,903	11,363	11,697	12,063	12,561		
African American	10,953	11,385	12,003	12,677	12,918	13,536	13,767		
Native American	8,756	10,650	10,184	10,511	11,147	11,647	12,678		
Asian	10,265	9,560	9,781	9,738	9,650	10,068	10,862		
†Hispanic	10,544	10,970	11,923	12,726	14,126	15,351	16,316		
Other/unknown	8,755	8,809	9,107	9,334	10,120	10,053	10,342		
Non-CKD, non-CHF	7,687	8,091	8,546	8,879	9,111	9,292	9,645		
CHF	18,897	19,699	20,934	22,142	23,131	24,541	25,655		
CKD	19,429	19,517	20,529	21,218	21,948	22,320	22,572		
CKD & CHF	26,241	27,161	28,096	29,101	30,676	31,822	32,828		
All	9,964	10,403	11,036	11,518	11,857	12,265	12,739		

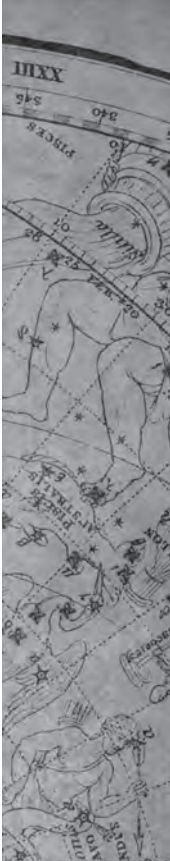


Table K.4

Per person per year estimated costs (\$): Medicare patients with CVD*general Medicare patients (5 percent sample), primary payor only, by age, gender, race, ethnicity, & at-risk group*

	1993	1994	1995	1996	1997	1998	1999	2000	2001
20 - 29	13,793	17,859	13,768	18,395	17,293	28,526	15,767	21,696	23,214
30 - 39	13,115	17,075	16,010	19,449	15,975	16,744	14,063	13,309	16,000
40 - 49	10,493	12,247	13,728	14,636	15,253	14,592	14,098	15,192	15,268
50 - 59	12,653	13,021	14,582	14,674	15,344	14,419	14,874	15,803	15,955
60 - 64	13,096	13,201	14,166	16,234	16,291	15,633	14,629	14,731	16,513
65 - 69	10,654	11,327	12,283	13,068	14,144	13,624	12,715	13,039	14,142
70 - 74	10,685	11,642	12,787	13,415	14,181	13,404	13,270	13,359	14,084
75 - 79	10,651	11,632	12,549	13,240	14,442	13,796	13,460	13,798	14,848
80 - 84	10,284	11,557	12,860	13,643	14,443	13,377	12,937	13,324	15,032
85+	9,718	10,768	11,799	12,742	13,595	12,647	12,199	12,700	14,016
20 - 44	12,903	14,955	15,457	16,648	15,274	16,094	15,065	15,759	16,014
45 - 54	11,491	12,247	13,354	14,306	15,538	14,370	14,561	15,689	15,172
55 - 64	12,916	13,283	14,528	15,842	15,918	15,269	14,593	14,985	16,514
65 - 74	10,673	11,519	12,593	13,284	14,167	13,486	13,067	13,239	14,106
75+	10,185	11,276	12,352	13,171	14,110	13,216	12,803	13,226	14,581
Male	10,148	11,268	12,407	13,188	14,049	13,215	12,697	13,180	14,375
Female	10,920	11,728	12,722	13,579	14,497	13,705	13,441	13,649	14,847
White	10,190	11,157	12,176	12,942	13,780	13,049	12,646	13,009	14,152
African American	12,213	13,658	15,185	16,309	17,204	16,120	15,277	15,945	17,466
Native American	8,815	9,403	15,292	12,709	12,603	11,791	12,241	12,769	13,609
Asian	7,731	10,295	9,049	9,338	12,106	12,056	13,341	14,343	16,596
†Hispanic	9,845	12,770	14,240	14,863	18,150	16,341	16,439	14,844	17,192
Other/unknown	15,170	13,333	14,676	17,379	17,331	13,357	13,871	15,243	14,732
NDM, non-CKD	9,095	9,951	10,758	11,451	12,162	11,472	11,104	11,361	12,365
CKD	17,009	18,085	20,711	22,065	23,303	21,739	21,116	21,355	22,908
DM	13,456	14,774	16,240	17,096	18,251	17,012	16,169	16,710	17,815
CKD & DM	19,721	20,937	24,230	25,354	27,102	25,462	23,644	24,576	25,410
All	10,448	11,448	12,529	13,339	14,224	13,408	12,994	13,370	14,569
	2002	2003	2004	2005	2006	2007	2008		
20 - 29	26,789	25,675	11,924	24,073	18,461	22,562	31,289		
30 - 39	19,136	16,698	18,847	23,549	21,223	22,112	22,425		
40 - 49	16,660	18,646	19,138	20,251	21,629	22,812	24,793		
50 - 59	16,950	17,825	18,591	20,045	20,070	22,137	23,320		
60 - 64	17,651	18,279	19,088	21,138	20,879	22,786	22,902		
65 - 69	15,246	15,785	17,000	18,003	18,182	19,525	20,819		
70 - 74	15,371	16,073	17,026	18,392	18,638	19,643	20,392		
75 - 79	15,942	16,748	18,042	19,033	19,518	20,586	21,986		
80 - 84	15,760	16,592	17,763	18,864	19,758	21,033	22,252		
85+	14,943	15,620	17,130	18,532	19,403	20,848	22,516		
20 - 44	19,117	18,526	18,135	21,159	21,692	23,124	25,241		
45 - 54	16,278	18,233	18,859	20,615	20,490	21,867	23,864		
55 - 64	17,497	18,027	18,914	20,573	20,536	22,653	22,953		
65 - 74	15,322	15,959	17,015	18,231	18,450	19,594	20,572		
75+	15,505	16,270	17,608	18,787	19,549	20,830	22,285		
Male	15,382	16,040	17,368	18,588	19,414	20,717	22,151		
Female	15,907	16,763	17,815	19,102	19,304	20,617	21,718		
White	15,097	15,915	17,176	18,417	18,899	20,148	21,386		
African American	18,683	19,091	20,047	21,970	22,504	24,181	25,714		
Native American	15,877	19,174	20,188	18,168	19,301	20,205	22,592		
Asian	20,108	16,920	19,033	16,086	17,024	19,807	21,781		
†Hispanic	19,063	19,258	19,948	20,995	24,425	27,083	27,717		
Other/unknown	15,641	16,626	16,559	17,072	19,601	19,098	22,373		
NDM, non-CKD	13,206	13,777	14,748	15,789	15,855	16,751	17,810		
CKD	23,772	24,440	25,677	27,059	28,062	28,917	30,257		
DM	18,897	19,699	20,934	22,142	23,131	24,541	25,655		
CKD & DM	26,241	27,161	28,096	29,101	30,676	31,822	32,828		
All	15,601	16,344	17,558	18,810	19,366	20,673	21,960		

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