

# T ables



*Antelope Canyon, Lake Powell Navajo Tribal Park, Arizona*

Wherever modern Science has exploded a superstitious fable or even a picturesque error, she has replaced it with a grander and even more poetical truth.

GEORGE PERKINS MARSH,  
"The Study of Nature"

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**Both the CKD and ESRD volumes now include only selected tables of particular interest, and data for some early years are omitted from the printed tables. Excel files of the complete tables are available on our website, [www.usrds.org](http://www.usrds.org), and on the CD included with this book.**

**The following symbols are used throughout these tables**

\* Values for cells with ten or fewer patients are suppressed. " " Zero values in this cell. †Hispanic is classified as "race" in the Medicare enrollment files.

Table B.1

**Point prevalent (December 31) estimated counts: all non-ESRD Medicare patients***Medicare patients (5 percent sample), primary payor only, by age, gender, race, & at-risk group*

|                 | 1993       | 1994       | 1995       | 1996       | 1997       | 1998       | 1999       | 2000       | 2001       |
|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 20 - 29         | 171,260    | 180,540    | 183,580    | 182,200    | 175,180    | 169,100    | 162,420    | 154,640    | 157,520    |
| 30 - 39         | 519,800    | 553,940    | 573,360    | 583,040    | 568,840    | 559,960    | 548,520    | 536,580    | 534,940    |
| 40 - 49         | 693,600    | 765,260    | 827,060    | 876,640    | 893,600    | 924,140    | 962,820    | 1,005,240  | 1,050,920  |
| 50 - 59         | 845,980    | 911,220    | 965,120    | 1,023,800  | 1,077,340  | 1,122,080  | 1,180,260  | 1,254,720  | 1,352,060  |
| 60 - 64         | 634,240    | 662,740    | 678,380    | 681,440    | 683,740    | 697,360    | 717,000    | 747,820    | 803,500    |
| 65 - 69         | 6,599,760  | 6,442,620  | 6,177,480  | 5,885,820  | 5,511,360  | 5,212,720  | 5,087,180  | 5,104,040  | 5,357,500  |
| 70 - 74         | 7,311,840  | 7,380,380  | 7,207,080  | 6,915,940  | 6,666,980  | 6,421,860  | 6,246,860  | 6,218,580  | 6,304,220  |
| 75 - 79         | 5,601,080  | 5,560,460  | 5,562,820  | 5,570,960  | 5,491,920  | 5,400,300  | 5,471,540  | 5,501,260  | 5,577,280  |
| 80 - 84         | 3,785,300  | 3,856,660  | 3,856,660  | 3,829,120  | 3,759,500  | 3,733,760  | 3,704,540  | 3,799,760  | 3,996,640  |
| 85+             | 3,188,160  | 3,236,840  | 3,266,360  | 3,269,860  | 3,272,800  | 3,284,040  | 3,319,780  | 3,371,780  | 3,463,920  |
| 20 - 44         | 1,028,140  | 1,104,960  | 1,156,500  | 1,185,620  | 1,172,660  | 1,172,060  | 1,166,920  | 1,159,800  | 1,175,820  |
| 45 - 54         | 740,400    | 814,120    | 876,340    | 936,120    | 969,080    | 1,005,620  | 1,061,960  | 1,132,820  | 1,205,160  |
| 55 - 64         | 1,096,340  | 1,154,620  | 1,194,660  | 1,225,380  | 1,256,960  | 1,294,960  | 1,342,140  | 1,406,380  | 1,517,960  |
| 65 - 74         | 13,911,600 | 13,823,000 | 13,384,560 | 12,801,760 | 12,178,340 | 11,634,580 | 11,334,040 | 11,322,620 | 11,661,720 |
| 75+             | 12,574,540 | 12,653,960 | 12,685,840 | 12,669,940 | 12,524,220 | 12,418,100 | 12,495,860 | 12,672,800 | 13,037,840 |
| Male            | 12,178,060 | 12,290,220 | 12,203,500 | 12,033,920 | 11,733,080 | 11,511,320 | 11,498,920 | 11,667,140 | 12,110,860 |
| Female          | 17,172,960 | 17,260,440 | 17,094,400 | 16,784,900 | 16,368,180 | 16,014,000 | 15,902,000 | 16,027,280 | 16,487,640 |
| White           | 25,571,240 | 25,856,400 | 25,581,280 | 25,121,260 | 24,452,520 | 23,908,240 | 23,765,420 | 23,980,520 | 24,697,660 |
| Black/Af Am     | 2,499,840  | 2,572,420  | 2,556,040  | 2,515,920  | 2,444,640  | 2,412,020  | 2,422,520  | 2,471,820  | 2,596,040  |
| Native American | 68,060     | 75,300     | 81,060     | 86,940     | 90,720     | 94,980     | 99,820     | 105,020    | 112,500    |
| Asian           | 179,000    | 203,760    | 219,520    | 238,020    | 246,700    | 255,760    | 268,320    | 285,840    | 305,700    |
| †Hispanic       | 480,660    | 540,540    | 571,340    | 590,500    | 597,940    | 586,600    | 578,340    | 581,480    | 597,820    |
| Other/unknown   | 552,220    | 302,240    | 288,660    | 266,180    | 268,740    | 267,720    | 266,500    | 269,740    | 288,780    |
| Diabetes        | 3,432,100  | 3,628,560  | 3,725,740  | 3,844,840  | 3,972,340  | 4,088,720  | 4,256,460  | 4,517,360  | 4,908,920  |
| CHF             | 2,196,000  | 2,317,520  | 2,388,580  | 2,480,880  | 2,546,380  | 2,547,000  | 2,536,700  | 2,579,280  | 2,646,000  |
| CKD             | 421,800    | 460,400    | 477,400    | 518,700    | 559,860    | 598,800    | 644,980    | 729,980    | 845,040    |
| All             | 29,351,020 | 29,550,660 | 29,297,900 | 28,818,820 | 28,101,260 | 27,525,320 | 27,400,920 | 27,694,420 | 28,598,500 |
|                 | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       |
| 20 - 29         | 164,760    | 181,540    | 197,540    | 208,120    | 208,140    | 217,620    | 223,620    | 229,100    | 236,480    |
| 30 - 39         | 527,820    | 523,240    | 524,420    | 524,340    | 503,560    | 512,820    | 515,940    | 520,660    | 532,780    |
| 40 - 49         | 1,098,700  | 1,148,680  | 1,191,400  | 1,203,040  | 1,152,360  | 1,133,980  | 1,112,420  | 1,099,240  | 1,104,140  |
| 50 - 59         | 1,450,420  | 1,538,380  | 1,644,460  | 1,730,020  | 1,715,900  | 1,742,520  | 1,762,040  | 1,803,560  | 1,879,560  |
| 60 - 64         | 865,900    | 930,400    | 990,700    | 1,016,100  | 1,012,900  | 1,043,520  | 1,061,680  | 1,094,400  | 1,156,980  |
| 65 - 69         | 5,655,620  | 5,909,100  | 6,041,080  | 5,982,940  | 5,777,520  | 5,672,920  | 5,643,940  | 5,715,700  | 5,848,900  |
| 70 - 74         | 6,379,520  | 6,364,720  | 6,355,400  | 6,247,420  | 6,034,120  | 5,926,820  | 5,902,320  | 5,849,540  | 5,891,060  |
| 75 - 79         | 5,724,280  | 5,762,340  | 5,682,540  | 5,570,500  | 5,306,360  | 5,072,600  | 4,847,400  | 4,761,860  | 4,732,900  |
| 80 - 84         | 4,163,520  | 4,270,520  | 4,375,820  | 4,321,640  | 4,163,020  | 4,082,360  | 3,966,120  | 3,879,260  | 3,868,700  |
| 85+             | 3,565,860  | 3,662,840  | 3,725,020  | 3,774,760  | 3,790,540  | 3,818,300  | 3,824,620  | 3,904,040  | 3,978,300  |
| 20 - 44         | 1,189,200  | 1,212,340  | 1,239,600  | 1,249,300  | 1,194,180  | 1,200,180  | 1,188,860  | 1,190,520  | 1,207,880  |
| 45 - 54         | 1,274,780  | 1,349,680  | 1,428,900  | 1,477,540  | 1,451,740  | 1,470,280  | 1,481,140  | 1,493,480  | 1,530,540  |
| 55 - 64         | 1,643,620  | 1,760,220  | 1,880,020  | 1,954,780  | 1,946,940  | 1,980,000  | 2,005,700  | 2,062,960  | 2,171,520  |
| 65 - 74         | 12,035,140 | 12,273,820 | 12,396,480 | 12,230,360 | 11,811,640 | 11,599,740 | 11,546,260 | 11,565,240 | 11,739,960 |
| 75+             | 13,453,660 | 13,695,700 | 13,783,380 | 13,666,900 | 13,259,920 | 12,973,260 | 12,638,140 | 12,545,160 | 12,579,900 |
| Male            | 12,617,460 | 12,974,980 | 13,217,020 | 13,186,540 | 12,839,240 | 12,689,380 | 12,578,120 | 12,601,820 | 12,802,480 |
| Female          | 16,978,940 | 17,316,780 | 17,511,360 | 17,392,340 | 16,825,180 | 16,534,080 | 16,281,980 | 16,255,540 | 16,427,320 |
| White           | 25,512,720 | 26,053,940 | 26,378,820 | 26,220,260 | 25,474,600 | 25,062,320 | 24,704,280 | 24,594,200 | 24,801,900 |
| Black/Af Am     | 2,707,840  | 2,798,500  | 2,864,800  | 2,835,840  | 2,721,500  | 2,650,700  | 2,620,400  | 2,677,100  | 2,765,260  |
| Native American | 118,380    | 123,000    | 127,740    | 129,980    | 130,000    | 132,940    | 135,580    | 137,020    | 140,260    |
| Asian           | 331,800    | 359,140    | 379,220    | 406,180    | 404,900    | 427,340    | 441,420    | 456,020    | 477,260    |
| †Hispanic       | 609,660    | 618,760    | 617,140    | 604,160    | 548,880    | 549,360    | 540,300    | 554,860    | 577,420    |
| Other/unknown   | 316,000    | 338,420    | 360,660    | 382,460    | 384,540    | 400,800    | 418,120    | 438,160    | 467,700    |
| Diabetes        | 5,337,300  | 5,690,840  | 6,053,320  | 6,202,000  | 6,246,200  | 6,401,760  | 6,488,300  | 6,689,620  | 6,920,620  |
| CHF             | 2,724,440  | 2,799,720  | 2,844,480  | 2,764,280  | 2,657,520  | 2,599,660  | 2,556,100  | 2,569,600  | 2,584,480  |
| CKD             | 974,860    | 1,100,720  | 1,241,840  | 1,378,620  | 1,675,800  | 1,855,040  | 2,048,100  | 2,274,520  | 2,492,240  |
| All             | 29,596,400 | 30,291,760 | 30,728,380 | 30,578,880 | 29,664,420 | 29,223,460 | 28,860,100 | 28,857,360 | 29,229,800 |

Table B.2

**Point prevalent (December 31) estimated counts: Medicare CKD patients***Medicare patients (5 percent sample), primary payor only, by age, gender, race, & at-risk group*

|                 | 1993    | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      | 2001      |
|-----------------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 20 - 29         | 1,300   | 1,120     | 1,220     | 1,280     | 1,340     | 1,160     | 1,240     | 1,060     | 1,380     |
| 30 - 39         | 3,600   | 4,300     | 4,640     | 5,480     | 5,160     | 5,240     | 5,840     | 5,680     | 6,000     |
| 40 - 49         | 6,160   | 7,620     | 8,700     | 9,660     | 10,660    | 12,800    | 13,580    | 15,060    | 16,300    |
| 50 - 59         | 12,520  | 14,700    | 15,840    | 17,880    | 19,520    | 23,020    | 25,740    | 30,080    | 35,460    |
| 60 - 64         | 12,020  | 13,660    | 14,560    | 16,200    | 17,000    | 18,220    | 20,920    | 24,060    | 28,560    |
| 65 - 69         | 64,520  | 69,120    | 72,300    | 75,340    | 77,040    | 80,280    | 83,520    | 97,200    | 112,240   |
| 70 - 74         | 89,200  | 98,340    | 98,960    | 107,620   | 115,140   | 123,360   | 129,960   | 143,820   | 163,720   |
| 75 - 79         | 87,920  | 93,520    | 97,120    | 108,380   | 120,620   | 126,880   | 140,400   | 159,920   | 185,840   |
| 80 - 84         | 73,140  | 77,960    | 82,900    | 90,020    | 95,480    | 102,160   | 110,420   | 124,620   | 151,060   |
| 85+             | 71,420  | 80,060    | 81,160    | 86,840    | 97,900    | 105,680   | 113,360   | 128,480   | 144,480   |
| 20 - 44         | 7,920   | 8,680     | 9,700     | 10,720    | 11,300    | 12,020    | 12,920    | 13,320    | 14,080    |
| 45 - 54         | 7,900   | 10,080    | 11,400    | 13,360    | 14,000    | 16,540    | 17,940    | 21,160    | 24,800    |
| 55 - 64         | 19,780  | 22,640    | 23,860    | 26,420    | 28,380    | 31,880    | 36,460    | 41,460    | 48,820    |
| 65 - 74         | 153,720 | 167,460   | 171,260   | 182,960   | 192,180   | 203,640   | 213,480   | 241,020   | 275,960   |
| 75+             | 232,480 | 251,540   | 261,180   | 285,240   | 314,000   | 334,720   | 364,180   | 413,020   | 481,380   |
| Male            | 210,220 | 224,100   | 232,240   | 253,640   | 273,280   | 293,940   | 317,920   | 359,720   | 416,520   |
| Female          | 211,580 | 236,300   | 245,160   | 265,060   | 286,580   | 304,860   | 327,060   | 370,260   | 428,520   |
| White           | 343,280 | 373,260   | 387,300   | 421,020   | 455,100   | 485,380   | 523,920   | 594,320   | 687,560   |
| Black/Af Am     | 62,980  | 66,720    | 68,600    | 73,300    | 77,900    | 81,980    | 86,820    | 96,260    | 113,540   |
| Native American | 860     | 1,280     | 1,300     | 1,320     | 1,680     | 2,280     | 2,940     | 3,760     | 4,400     |
| Asian           | 2,060   | 2,780     | 3,080     | 4,300     | 4,780     | 6,360     | 6,900     | 8,600     | 10,460    |
| †Hispanic       | 6,540   | 9,180     | 11,020    | 12,580    | 14,340    | 15,900    | 16,980    | 19,480    | 21,020    |
| Other/unknown   | 6,080   | 7,180     | 6,100     | 6,180     | 6,060     | 6,900     | 7,420     | 7,560     | 8,060     |
| No DM, no CHF   | 181,720 | 191,940   | 192,760   | 205,160   | 216,060   | 222,480   | 237,600   | 260,640   | 301,440   |
| CHF only        | 149,760 | 169,040   | 182,400   | 205,440   | 229,480   | 257,440   | 285,100   | 333,100   | 395,820   |
| DM only         | 164,380 | 184,640   | 193,500   | 209,940   | 227,720   | 243,660   | 259,580   | 297,220   | 335,760   |
| DM & CHF        | 74,060  | 85,220    | 91,260    | 101,840   | 113,400   | 124,780   | 137,300   | 160,980   | 187,980   |
| All             | 421,800 | 460,400   | 477,400   | 518,700   | 559,860   | 598,800   | 644,980   | 729,980   | 845,040   |
| 20 - 29         | 1,440   | 1,460     | 1,640     | 1,940     | 2,480     | 2,900     | 2,900     | 3,520     | 3,460     |
| 30 - 39         | 7,380   | 7,420     | 7,060     | 7,560     | 8,780     | 9,340     | 9,920     | 10,840    | 11,420    |
| 40 - 49         | 19,180  | 22,480    | 24,420    | 25,240    | 28,000    | 29,880    | 34,420    | 36,640    | 39,080    |
| 50 - 59         | 40,740  | 46,440    | 53,160    | 59,760    | 70,740    | 78,780    | 84,480    | 95,500    | 105,320   |
| 60 - 64         | 33,820  | 39,140    | 45,660    | 49,400    | 59,620    | 66,240    | 70,840    | 80,300    | 89,320    |
| 65 - 69         | 129,320 | 149,700   | 166,240   | 179,860   | 214,240   | 236,500   | 258,780   | 291,240   | 319,660   |
| 70 - 74         | 184,720 | 203,500   | 228,900   | 243,200   | 287,640   | 319,620   | 357,080   | 393,280   | 426,360   |
| 75 - 79         | 211,400 | 233,800   | 258,820   | 287,300   | 336,820   | 365,700   | 388,740   | 424,920   | 460,460   |
| 80 - 84         | 179,000 | 207,680   | 236,560   | 264,980   | 323,680   | 357,700   | 394,520   | 426,980   | 466,360   |
| 85+             | 167,860 | 189,100   | 219,380   | 259,380   | 343,800   | 388,380   | 446,420   | 511,300   | 570,800   |
| 20 - 44         | 16,400  | 18,020    | 18,460    | 19,200    | 21,620    | 22,840    | 24,820    | 27,300    | 28,540    |
| 45 - 54         | 28,160  | 31,820    | 36,540    | 39,200    | 45,220    | 50,600    | 56,400    | 61,960    | 67,580    |
| 55 - 64         | 58,000  | 67,100    | 76,940    | 85,500    | 102,780   | 113,700   | 121,340   | 137,540   | 152,480   |
| 65 - 74         | 314,040 | 353,200   | 395,140   | 423,060   | 501,880   | 556,120   | 615,860   | 684,520   | 746,020   |
| 75+             | 558,260 | 630,580   | 714,760   | 811,660   | 1,004,300 | 1,111,780 | 1,229,680 | 1,363,200 | 1,497,620 |
| Male            | 479,500 | 546,120   | 608,560   | 684,120   | 830,480   | 915,300   | 997,920   | 1,093,560 | 1,186,320 |
| Female          | 495,360 | 554,600   | 633,280   | 694,500   | 845,320   | 939,740   | 1,050,180 | 1,180,960 | 1,305,920 |
| White           | 796,400 | 900,400   | 1,015,240 | 1,130,660 | 1,380,100 | 1,535,020 | 1,690,240 | 1,865,840 | 2,036,200 |
| Black/Af Am     | 128,960 | 144,240   | 162,040   | 177,260   | 213,480   | 225,860   | 248,260   | 284,160   | 316,300   |
| Native American | 4,700   | 5,160     | 6,120     | 5,960     | 7,620     | 9,060     | 10,860    | 11,700    | 12,720    |
| Asian           | 11,580  | 13,220    | 16,440    | 19,240    | 23,220    | 27,840    | 33,240    | 38,920    | 42,640    |
| †Hispanic       | 23,000  | 25,700    | 28,940    | 30,100    | 33,340    | 35,840    | 39,760    | 44,700    | 50,360    |
| Other/unknown   | 10,220  | 12,000    | 13,060    | 15,400    | 18,040    | 21,420    | 25,740    | 29,200    | 34,020    |
| No DM, no CHF   | 346,300 | 395,420   | 437,780   | 487,960   | 601,860   | 677,920   | 759,020   | 848,460   | 937,540   |
| DM only         | 464,840 | 524,880   | 605,220   | 672,740   | 809,000   | 901,700   | 992,800   | 1,109,160 | 1,214,960 |
| CHF only        | 378,060 | 419,440   | 471,300   | 510,540   | 606,440   | 641,360   | 676,660   | 730,140   | 779,660   |
| DM & CHF        | 214,340 | 239,020   | 272,460   | 292,620   | 341,500   | 365,940   | 380,380   | 413,240   | 439,920   |
| All             | 974,860 | 1,100,720 | 1,241,840 | 1,378,620 | 1,675,800 | 1,855,040 | 2,048,100 | 2,274,520 | 2,492,240 |

Table B.3

**Point prevalent (December 31) estimated counts: Medicare patients with diabetes***Medicare patients (5 percent sample), primary payor only, by age, gender, race, & at-risk group*

|                 | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      | 2001      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 20 - 29         | 3,500     | 4,080     | 4,440     | 4,420     | 4,880     | 4,660     | 5,020     | 5,320     | 5,840     |
| 30 - 39         | 18,400    | 20,020    | 22,580    | 25,040    | 26,540    | 28,860    | 30,880    | 33,800    | 36,420    |
| 40 - 49         | 49,900    | 57,520    | 65,000    | 72,600    | 78,580    | 87,280    | 95,140    | 105,440   | 117,220   |
| 50 - 59         | 117,100   | 131,280   | 143,660   | 162,340   | 179,820   | 194,520   | 213,580   | 235,400   | 268,020   |
| 60 - 64         | 111,020   | 121,200   | 129,100   | 136,040   | 144,560   | 154,600   | 164,120   | 180,400   | 204,260   |
| 65 - 69         | 730,920   | 751,440   | 746,700   | 748,240   | 742,580   | 743,360   | 765,720   | 809,300   | 891,040   |
| 70 - 74         | 896,380   | 950,040   | 962,060   | 972,200   | 992,760   | 1,004,720 | 1,019,380 | 1,064,540 | 1,136,080 |
| 75 - 79         | 714,520   | 739,540   | 769,340   | 804,940   | 840,580   | 871,040   | 928,580   | 982,000   | 1,042,000 |
| 80 - 84         | 463,740   | 501,680   | 517,360   | 537,000   | 555,460   | 575,740   | 593,440   | 634,080   | 702,400   |
| 85+             | 326,620   | 351,760   | 365,500   | 382,020   | 406,580   | 423,940   | 440,600   | 467,080   | 505,640   |
| 20 - 44         | 41,680    | 46,860    | 52,300    | 57,280    | 62,840    | 69,140    | 74,040    | 80,740    | 87,820    |
| 45 - 54         | 75,500    | 86,580    | 98,180    | 111,160   | 120,780   | 130,320   | 142,760   | 159,520   | 182,420   |
| 55 - 64         | 182,740   | 200,660   | 214,300   | 232,000   | 250,760   | 270,460   | 291,940   | 320,100   | 361,520   |
| 65 - 74         | 1,627,300 | 1,701,480 | 1,708,760 | 1,720,440 | 1,735,340 | 1,748,080 | 1,785,100 | 1,873,840 | 2,027,120 |
| 75+             | 1,504,880 | 1,592,980 | 1,652,200 | 1,723,960 | 1,802,620 | 1,870,720 | 1,962,620 | 2,083,160 | 2,250,040 |
| Male            | 1,419,480 | 1,490,660 | 1,543,240 | 1,605,620 | 1,671,760 | 1,725,560 | 1,810,420 | 1,935,180 | 2,123,040 |
| Female          | 2,012,620 | 2,137,900 | 2,182,500 | 2,239,220 | 2,300,580 | 2,363,160 | 2,446,040 | 2,582,180 | 2,785,880 |
| White           | 2,815,300 | 2,952,180 | 3,024,540 | 3,116,220 | 3,216,780 | 3,304,380 | 3,434,040 | 3,645,480 | 3,955,360 |
| Black/Af Am     | 456,240   | 488,760   | 499,900   | 511,880   | 518,200   | 532,260   | 556,400   | 588,320   | 646,320   |
| Native American | 10,240    | 12,260    | 13,860    | 15,220    | 17,380    | 19,560    | 21,940    | 24,440    | 27,480    |
| Asian           | 21,560    | 26,640    | 30,700    | 35,740    | 40,200    | 43,680    | 50,240    | 56,120    | 63,420    |
| †Hispanic       | 86,440    | 102,780   | 112,500   | 123,840   | 135,600   | 142,080   | 145,480   | 153,080   | 160,200   |
| Other/unknown   | 42,320    | 45,940    | 44,240    | 41,940    | 44,180    | 46,760    | 48,360    | 49,920    | 56,140    |
| No CKD, no CHF  | 2,765,100 | 2,900,260 | 2,952,460 | 3,011,440 | 3,079,780 | 3,150,600 | 3,279,640 | 3,463,280 | 3,756,480 |
| CHF only        | 591,300   | 644,480   | 682,140   | 729,800   | 776,480   | 805,460   | 829,020   | 881,960   | 944,600   |
| CKD only        | 149,760   | 169,040   | 182,400   | 205,440   | 229,480   | 257,440   | 285,100   | 333,100   | 395,820   |
| CKD & CHF       | 74,060    | 85,220    | 91,260    | 101,840   | 113,400   | 124,780   | 137,300   | 160,980   | 187,980   |
| All             | 3,432,100 | 3,628,560 | 3,725,740 | 3,844,840 | 3,972,340 | 4,088,720 | 4,256,460 | 4,517,360 | 4,908,920 |
|                 |           |           |           |           |           |           |           |           |           |
|                 | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      |
| 20 - 29         | 6,020     | 6,940     | 8,180     | 9,540     | 9,360     | 10,820    | 10,480    | 11,540    | 12,140    |
| 30 - 39         | 39,860    | 42,920    | 45,760    | 47,480    | 47,060    | 50,980    | 52,400    | 53,760    | 55,820    |
| 40 - 49         | 135,320   | 150,020   | 163,700   | 168,000   | 169,040   | 172,020   | 177,300   | 183,840   | 191,860   |
| 50 - 59         | 298,340   | 327,580   | 360,980   | 384,760   | 390,440   | 408,740   | 423,020   | 444,320   | 468,380   |
| 60 - 64         | 232,680   | 257,760   | 287,300   | 295,440   | 299,140   | 313,740   | 320,740   | 336,680   | 359,720   |
| 65 - 69         | 987,300   | 1,074,820 | 1,152,780 | 1,180,820 | 1,189,100 | 1,207,240 | 1,215,520 | 1,258,140 | 1,308,360 |
| 70 - 74         | 1,205,240 | 1,247,800 | 1,305,800 | 1,322,900 | 1,326,640 | 1,358,440 | 1,396,420 | 1,423,280 | 1,463,180 |
| 75 - 79         | 1,118,820 | 1,177,400 | 1,211,520 | 1,224,620 | 1,209,200 | 1,209,020 | 1,183,780 | 1,201,600 | 1,223,580 |
| 80 - 84         | 771,420   | 826,700   | 896,100   | 914,180   | 918,500   | 940,860   | 945,280   | 961,640   | 982,860   |
| 85+             | 542,300   | 578,900   | 621,200   | 654,260   | 687,720   | 729,900   | 763,360   | 814,820   | 854,720   |
| 20 - 44         | 98,080    | 106,760   | 115,120   | 121,180   | 119,980   | 125,520   | 127,600   | 131,580   | 134,800   |
| 45 - 54         | 203,440   | 224,000   | 247,440   | 260,080   | 261,800   | 276,780   | 287,700   | 300,280   | 316,160   |
| 55 - 64         | 410,700   | 454,460   | 503,360   | 523,960   | 533,260   | 554,000   | 568,640   | 598,280   | 636,960   |
| 65 - 74         | 2,192,540 | 2,322,620 | 2,458,580 | 2,503,720 | 2,515,740 | 2,565,680 | 2,611,940 | 2,681,420 | 2,771,540 |
| 75+             | 2,432,540 | 2,583,000 | 2,728,820 | 2,793,060 | 2,815,420 | 2,879,780 | 2,892,420 | 2,978,060 | 3,061,160 |
| Male            | 2,333,860 | 2,509,260 | 2,676,420 | 2,745,960 | 2,790,460 | 2,879,960 | 2,942,440 | 3,041,340 | 3,158,680 |
| Female          | 3,003,440 | 3,181,580 | 3,376,900 | 3,456,040 | 3,455,740 | 3,521,800 | 3,545,860 | 3,648,280 | 3,761,940 |
| White           | 4,295,920 | 4,572,840 | 4,861,560 | 4,985,900 | 5,045,760 | 5,174,680 | 5,230,220 | 5,361,920 | 5,512,300 |
| Black/Af Am     | 705,140   | 753,940   | 801,920   | 809,260   | 802,720   | 803,540   | 811,340   | 854,400   | 898,040   |
| Native American | 30,960    | 33,260    | 35,980    | 36,560    | 37,080    | 40,000    | 42,700    | 43,620    | 45,160    |
| Asian           | 72,160    | 82,540    | 91,760    | 102,260   | 104,500   | 116,260   | 126,760   | 135,360   | 147,240   |
| †Hispanic       | 168,780   | 175,900   | 181,140   | 178,180   | 163,680   | 168,440   | 168,960   | 178,300   | 189,820   |
| Other/unknown   | 64,340    | 72,360    | 80,960    | 89,840    | 92,460    | 98,840    | 108,320   | 116,020   | 128,060   |
| No CKD, no CHF  | 4,078,500 | 4,335,680 | 4,600,900 | 4,718,700 | 4,699,220 | 4,781,080 | 4,796,320 | 4,885,840 | 5,018,340 |
| CKD only        | 1,008,300 | 1,069,300 | 1,119,660 | 1,103,180 | 1,079,480 | 1,084,920 | 1,079,560 | 1,107,860 | 1,127,240 |
| CHF only        | 464,840   | 524,880   | 605,220   | 672,740   | 809,000   | 901,700   | 992,800   | 1,109,160 | 1,214,960 |
| CKD & CHF       | 214,340   | 239,020   | 272,460   | 292,620   | 341,500   | 365,940   | 380,380   | 413,240   | 439,920   |
| All             | 5,337,300 | 5,690,840 | 6,053,320 | 6,202,000 | 6,246,200 | 6,401,760 | 6,488,300 | 6,689,620 | 6,920,620 |

Table B.4

**Point prevalent (December 31) estimated counts: Medicare patients with CHF***Medicare patients (5 percent sample), primary payor only, by age, gender, race, & at-risk group*

|                 | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      | 2001      |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 20 - 29         | 900       | 1,080     | 1,120     | 1,180     | 1,220     | 1,240     | 1,260     | 1,100     | 1,360     |
| 30 - 39         | 4,540     | 5,140     | 5,680     | 5,820     | 6,120     | 6,200     | 6,420     | 6,960     | 7,740     |
| 40 - 49         | 14,080    | 15,500    | 17,940    | 20,640    | 21,940    | 24,160    | 25,100    | 28,380    | 29,520    |
| 50 - 59         | 43,160    | 46,980    | 51,080    | 56,140    | 61,180    | 65,600    | 70,780    | 78,440    | 86,280    |
| 60 - 64         | 47,820    | 52,340    | 55,600    | 59,100    | 61,280    | 64,060    | 65,100    | 70,520    | 76,540    |
| 65 - 69         | 243,480   | 249,540   | 247,700   | 253,900   | 249,300   | 241,800   | 242,800   | 248,140   | 262,100   |
| 70 - 74         | 382,080   | 403,000   | 407,880   | 406,620   | 421,340   | 421,300   | 411,480   | 410,960   | 416,280   |
| 75 - 79         | 440,400   | 455,220   | 466,460   | 492,800   | 508,400   | 506,240   | 514,200   | 526,420   | 536,660   |
| 80 - 84         | 440,200   | 469,260   | 491,260   | 507,840   | 513,280   | 509,320   | 498,440   | 508,980   | 527,460   |
| 85+             | 579,340   | 619,460   | 643,860   | 676,840   | 702,320   | 707,080   | 701,120   | 699,380   | 702,060   |
| 20 - 44         | 10,520    | 11,440    | 13,080    | 14,120    | 15,980    | 16,480    | 16,700    | 17,700    | 19,280    |
| 45 - 54         | 24,540    | 27,580    | 30,580    | 34,600    | 36,640    | 40,820    | 43,480    | 49,900    | 53,980    |
| 55 - 64         | 75,440    | 82,020    | 87,760    | 94,160    | 99,120    | 103,960   | 108,480   | 117,800   | 128,180   |
| 65 - 74         | 625,560   | 652,540   | 655,580   | 660,520   | 670,640   | 663,100   | 654,280   | 659,100   | 678,380   |
| 75+             | 1,459,940 | 1,543,940 | 1,601,580 | 1,677,480 | 1,724,000 | 1,722,640 | 1,713,760 | 1,734,780 | 1,766,180 |
| Male            | 869,120   | 910,080   | 935,400   | 976,900   | 1,012,340 | 1,021,600 | 1,032,220 | 1,062,940 | 1,104,620 |
| Female          | 1,326,880 | 1,407,440 | 1,453,180 | 1,503,980 | 1,534,040 | 1,525,400 | 1,504,480 | 1,516,340 | 1,541,380 |
| White           | 1,915,700 | 2,012,160 | 2,072,100 | 2,147,060 | 2,203,740 | 2,199,040 | 2,185,780 | 2,221,080 | 2,264,780 |
| Black/Af Am     | 217,420   | 232,920   | 239,900   | 251,020   | 252,080   | 252,320   | 253,480   | 259,440   | 274,340   |
| Native American | 2,460     | 3,500     | 3,800     | 4,420     | 5,200     | 6,220     | 7,080     | 7,760     | 9,700     |
| Asian           | 7,700     | 9,300     | 10,940    | 13,440    | 15,200    | 17,100    | 19,020    | 19,020    | 22,080    |
| †Hispanic       | 26,480    | 30,340    | 33,820    | 40,120    | 45,100    | 47,340    | 48,580    | 49,180    | 53,200    |
| Other/unknown   | 26,240    | 29,300    | 28,020    | 24,820    | 25,060    | 24,980    | 24,480    | 22,800    | 21,900    |
| No DM, no CKD   | 1,514,380 | 1,573,620 | 1,604,200 | 1,642,980 | 1,655,580 | 1,622,660 | 1,585,400 | 1,561,080 | 1,553,620 |
| CKD only        | 164,380   | 184,640   | 193,500   | 209,940   | 227,720   | 243,660   | 259,580   | 297,220   | 335,760   |
| DM only         | 591,300   | 644,480   | 682,140   | 729,800   | 776,480   | 805,460   | 829,020   | 881,960   | 944,600   |
| CKD & DM        | 74,060    | 85,220    | 91,260    | 101,840   | 113,400   | 124,780   | 137,300   | 160,980   | 187,980   |
| All             | 2,196,000 | 2,317,520 | 2,388,580 | 2,480,880 | 2,546,380 | 2,547,000 | 2,536,700 | 2,579,280 | 2,646,000 |
| 20 - 29         | 1,380     | 1,720     | 1,780     | 1,540     | 1,640     | 1,660     | 1,600     | 1,880     | 1,820     |
| 30 - 39         | 8,220     | 8,640     | 8,900     | 8,960     | 8,480     | 8,580     | 8,660     | 8,920     | 9,560     |
| 40 - 49         | 33,160    | 36,840    | 38,720    | 37,060    | 36,880    | 36,640    | 35,520    | 37,400    | 37,800    |
| 50 - 59         | 93,900    | 100,560   | 105,740   | 110,840   | 106,780   | 105,600   | 107,260   | 111,720   | 118,120   |
| 60 - 64         | 84,140    | 89,440    | 95,580    | 95,040    | 93,800    | 95,100    | 92,400    | 97,800    | 101,780   |
| 65 - 69         | 276,000   | 292,040   | 301,200   | 286,200   | 276,260   | 270,420   | 266,540   | 270,500   | 279,460   |
| 70 - 74         | 421,180   | 424,820   | 427,420   | 407,220   | 384,200   | 370,900   | 371,980   | 367,120   | 371,800   |
| 75 - 79         | 538,680   | 547,980   | 536,960   | 516,760   | 487,480   | 463,540   | 443,440   | 437,160   | 425,380   |
| 80 - 84         | 548,420   | 566,300   | 585,100   | 561,560   | 532,520   | 521,600   | 501,700   | 492,060   | 488,520   |
| 85+             | 719,360   | 731,380   | 743,080   | 739,100   | 729,480   | 725,620   | 727,000   | 745,040   | 750,240   |
| 20 - 44         | 21,440    | 23,180    | 24,600    | 23,960    | 22,900    | 21,940    | 22,100    | 22,480    | 23,600    |
| 45 - 54         | 57,480    | 61,820    | 65,700    | 66,520    | 66,180    | 65,880    | 66,300    | 70,280    | 72,200    |
| 55 - 64         | 141,880   | 152,200   | 160,420   | 162,960   | 158,500   | 159,760   | 157,040   | 164,960   | 173,280   |
| 65 - 74         | 697,180   | 716,860   | 728,620   | 693,420   | 660,460   | 641,320   | 638,520   | 637,620   | 651,260   |
| 75+             | 1,806,460 | 1,845,660 | 1,865,140 | 1,817,420 | 1,749,480 | 1,710,760 | 1,672,140 | 1,674,260 | 1,664,140 |
| Male            | 1,149,100 | 1,193,540 | 1,229,120 | 1,200,300 | 1,162,360 | 1,147,280 | 1,142,980 | 1,147,800 | 1,167,160 |
| Female          | 1,575,340 | 1,606,180 | 1,615,360 | 1,563,980 | 1,495,160 | 1,452,380 | 1,413,120 | 1,421,800 | 1,417,320 |
| White           | 2,328,420 | 2,390,520 | 2,424,560 | 2,353,620 | 2,271,360 | 2,219,820 | 2,176,600 | 2,172,560 | 2,171,060 |
| Black/Af Am     | 285,440   | 292,580   | 301,800   | 293,140   | 276,240   | 265,600   | 266,260   | 281,920   | 293,760   |
| Native American | 9,800     | 10,420    | 10,500    | 10,560    | 10,820    | 11,440    | 11,760    | 11,500    | 11,620    |
| Asian           | 23,640    | 24,580    | 26,300    | 27,500    | 25,740    | 28,760    | 28,960    | 28,180    | 29,740    |
| †Hispanic       | 54,380    | 58,460    | 57,400    | 55,180    | 49,340    | 47,560    | 47,560    | 49,160    | 50,820    |
| Other/unknown   | 22,760    | 23,160    | 23,920    | 24,280    | 24,020    | 24,700    | 24,960    | 26,280    | 27,480    |
| No DM, no CKD   | 1,552,420 | 1,550,000 | 1,525,980 | 1,443,180 | 1,313,100 | 1,239,320 | 1,180,260 | 1,144,840 | 1,117,500 |
| DM only         | 378,060   | 419,440   | 471,300   | 510,540   | 606,440   | 641,360   | 676,660   | 730,140   | 779,660   |
| CHF only        | 1,008,300 | 1,069,300 | 1,119,660 | 1,103,180 | 1,079,480 | 1,084,920 | 1,079,560 | 1,107,860 | 1,127,240 |
| CKD & DM        | 214,340   | 239,020   | 272,460   | 292,620   | 341,500   | 365,940   | 380,380   | 413,240   | 439,920   |
| All             | 2,724,440 | 2,799,720 | 2,844,480 | 2,764,280 | 2,657,520 | 2,599,660 | 2,556,100 | 2,569,600 | 2,584,480 |

Table B.5

**Point prevalent (December 31) estimated counts: Medicare patients without ESRD, CKD, diabetes, or CHF***Medicare patients (5 percent sample), primary payor only, by age, gender, & race*

|                 | 1993       | 1994       | 1995       | 1996       | 1997       | 1998       | 1999       | 2000       | 2001       |
|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 20 - 29         | 166,120    | 174,780    | 177,460    | 175,820    | 168,280    | 162,720    | 155,620    | 147,820    | 149,640    |
| 30 - 39         | 495,520    | 526,940    | 543,420    | 549,740    | 534,460    | 523,200    | 509,460    | 494,560    | 489,880    |
| 40 - 49         | 630,440    | 692,860    | 745,640    | 785,000    | 794,740    | 814,760    | 844,600    | 874,700    | 907,780    |
| 50 - 59         | 698,560    | 746,360    | 784,860    | 823,240    | 856,540    | 884,140    | 921,720    | 969,800    | 1,032,220  |
| 60 - 64         | 490,680    | 507,180    | 513,420    | 507,880    | 500,820    | 504,340    | 514,000    | 526,860    | 556,360    |
| 65 - 69         | 5,679,820  | 5,502,480  | 5,244,160  | 4,948,660  | 4,585,820  | 4,295,340  | 4,152,180  | 4,123,360  | 4,286,240  |
| 70 - 74         | 6,122,660  | 6,125,060  | 5,940,360  | 5,642,020  | 5,367,800  | 5,112,480  | 4,929,100  | 4,858,460  | 4,870,100  |
| 75 - 79         | 4,539,320  | 4,464,460  | 4,433,880  | 4,389,840  | 4,267,620  | 4,155,300  | 4,165,040  | 4,135,380  | 4,138,720  |
| 80 - 84         | 2,957,300  | 2,972,820  | 2,945,900  | 2,887,460  | 2,798,000  | 2,758,200  | 2,719,820  | 2,769,140  | 2,885,480  |
| 85+             | 2,352,080  | 2,344,180  | 2,343,860  | 2,308,080  | 2,268,880  | 2,262,100  | 2,287,640  | 2,319,020  | 2,370,320  |
|                 |            |            |            |            |            |            |            |            |            |
| 20 - 44         | 973,540    | 1,043,620  | 1,088,540  | 1,110,580  | 1,090,820  | 1,083,860  | 1,073,680  | 1,059,240  | 1,067,120  |
| 45 - 54         | 645,460    | 705,160    | 753,720    | 798,240    | 820,720    | 844,480    | 886,540    | 936,560    | 985,140    |
| 55 - 64         | 862,320    | 899,340    | 922,540    | 932,860    | 943,300    | 960,820    | 985,180    | 1,017,940  | 1,083,620  |
| 65 - 74         | 11,802,480 | 11,627,540 | 11,184,520 | 10,590,680 | 9,953,620  | 9,407,820  | 9,081,280  | 8,981,820  | 9,156,340  |
| 75+             | 9,848,700  | 9,781,460  | 9,723,640  | 9,585,380  | 9,334,500  | 9,175,600  | 9,172,500  | 9,223,540  | 9,394,520  |
|                 |            |            |            |            |            |            |            |            |            |
| Male            | 10,023,260 | 10,042,560 | 9,892,980  | 9,636,980  | 9,251,460  | 8,979,660  | 8,882,260  | 8,905,720  | 9,135,240  |
| Female          | 14,109,240 | 14,014,560 | 13,779,980 | 13,380,760 | 12,891,500 | 12,492,920 | 12,316,920 | 12,313,380 | 12,551,500 |
|                 |            |            |            |            |            |            |            |            |            |
| White           | 21,179,900 | 21,265,660 | 20,886,940 | 20,284,140 | 19,486,800 | 18,877,500 | 18,621,680 | 18,613,080 | 18,987,940 |
| Black/Af Am     | 1,880,400  | 1,911,100  | 1,882,500  | 1,827,340  | 1,751,780  | 1,706,480  | 1,694,380  | 1,711,040  | 1,769,420  |
| Native American | 56,220     | 60,700     | 64,800     | 68,820     | 69,900     | 71,340     | 73,320     | 75,920     | 79,180     |
| Asian           | 150,880    | 169,140    | 179,900    | 191,240    | 194,560    | 198,660    | 205,080    | 215,540    | 226,180    |
| †Hispanic       | 375,260    | 416,740    | 435,400    | 440,620    | 434,040    | 416,000    | 404,340    | 400,180    | 406,960    |
| Other/unknown   | 489,840    | 233,780    | 223,420    | 205,580    | 205,880    | 202,600    | 200,380    | 203,340    | 217,060    |
| All             | 24,132,500 | 24,057,120 | 23,672,960 | 23,017,740 | 22,142,960 | 21,472,580 | 21,199,180 | 21,219,100 | 21,686,740 |
|                 |            |            |            |            |            |            |            |            |            |
|                 | 2002       | 2003       | 2004       | 2005       | 2006       | 2007       | 2008       | 2009       | 2010       |
| 20 - 29         | 156,680    | 172,280    | 186,960    | 196,060    | 195,780    | 203,620    | 210,100    | 213,840    | 220,540    |
| 30 - 39         | 478,120    | 469,920    | 468,800    | 466,720    | 445,800    | 451,420    | 452,940    | 455,840    | 464,680    |
| 40 - 49         | 935,120    | 968,200    | 994,600    | 1,002,820  | 949,960    | 928,720    | 901,320    | 879,880    | 876,580    |
| 50 - 59         | 1,095,280  | 1,149,760  | 1,219,960  | 1,275,240  | 1,253,740  | 1,262,520  | 1,263,860  | 1,277,920  | 1,321,100  |
| 60 - 64         | 587,120    | 622,540    | 650,860    | 667,400    | 658,920    | 674,000    | 683,380    | 696,580    | 731,620    |
| 65 - 69         | 4,477,300  | 4,631,440  | 4,678,200  | 4,595,020  | 4,378,200  | 4,247,320  | 4,206,880  | 4,222,360  | 4,289,900  |
| 70 - 74         | 4,876,420  | 4,809,040  | 4,740,140  | 4,620,780  | 4,402,920  | 4,261,900  | 4,187,440  | 4,099,700  | 4,087,540  |
| 75 - 79         | 4,206,900  | 4,180,940  | 4,067,780  | 3,948,280  | 3,701,900  | 3,476,180  | 3,276,460  | 3,166,820  | 3,110,400  |
| 80 - 84         | 2,964,600  | 3,002,140  | 3,026,800  | 2,962,860  | 2,799,380  | 2,693,780  | 2,572,700  | 2,466,360  | 2,425,200  |
| 85+             | 2,419,120  | 2,468,820  | 2,478,360  | 2,492,640  | 2,451,720  | 2,429,580  | 2,381,160  | 2,378,240  | 2,386,840  |
|                 |            |            |            |            |            |            |            |            |            |
| 20 - 44         | 1,067,860  | 1,080,580  | 1,099,200  | 1,102,740  | 1,048,280  | 1,049,160  | 1,036,160  | 1,031,660  | 1,044,440  |
| 45 - 54         | 1,031,200  | 1,081,840  | 1,133,880  | 1,168,500  | 1,138,680  | 1,142,360  | 1,139,260  | 1,135,380  | 1,154,280  |
| 55 - 64         | 1,153,260  | 1,220,280  | 1,288,100  | 1,337,000  | 1,317,240  | 1,328,760  | 1,336,180  | 1,357,020  | 1,415,800  |
| 65 - 74         | 9,353,720  | 9,440,480  | 9,418,340  | 9,215,800  | 8,781,120  | 8,509,220  | 8,394,320  | 8,322,060  | 8,377,440  |
| 75+             | 9,590,620  | 9,651,900  | 9,572,940  | 9,403,780  | 8,953,000  | 8,599,540  | 8,230,320  | 8,011,420  | 7,922,440  |
|                 |            |            |            |            |            |            |            |            |            |
| Male            | 9,396,840  | 9,543,740  | 9,594,400  | 9,487,900  | 9,075,820  | 8,825,560  | 8,636,720  | 8,530,140  | 8,579,680  |
| Female          | 12,799,820 | 12,931,340 | 12,918,060 | 12,739,920 | 12,162,500 | 11,803,480 | 11,499,520 | 11,327,400 | 11,334,720 |
|                 |            |            |            |            |            |            |            |            |            |
| White           | 19,409,340 | 19,618,900 | 19,627,060 | 19,353,540 | 18,516,400 | 17,963,780 | 17,515,820 | 17,219,320 | 17,212,020 |
| Black/Af Am     | 1,817,140  | 1,854,660  | 1,866,200  | 1,833,660  | 1,725,080  | 1,656,300  | 1,612,740  | 1,611,120  | 1,643,280  |
| Native American | 81,640     | 83,660     | 85,540     | 87,380     | 86,040     | 86,300     | 85,160     | 85,500     | 86,360     |
| Asian           | 242,860    | 258,600    | 268,100    | 283,540    | 280,120    | 288,080    | 290,460    | 295,020    | 302,320    |
| †Hispanic       | 409,720    | 409,380    | 402,260    | 394,320    | 356,080    | 351,800    | 342,260    | 345,920    | 354,640    |
| Other/unknown   | 235,960    | 249,880    | 263,300    | 275,380    | 274,600    | 282,780    | 289,800    | 300,660    | 315,780    |
| All             | 22,196,660 | 22,475,080 | 22,512,460 | 22,227,820 | 21,238,320 | 20,629,040 | 20,136,240 | 19,857,540 | 19,914,400 |

Table B.6

**Point prevalent (December 31) estimated counts: Medicare CKD patients, by coded CKD stage***Medicare patients (5 percent sample), primary payor only, by age, gender, & race*

|                 | 2007       |         |            |                         |           | 2008       |         |            |                         |           |
|-----------------|------------|---------|------------|-------------------------|-----------|------------|---------|------------|-------------------------|-----------|
|                 | Stages 1-2 | Stage 3 | Stages 4-5 | Unknown/<br>unspecified | Total     | Stages 1-2 | Stage 3 | Stages 4-5 | Unknown/<br>unspecified | Total     |
| 20 - 29         | 560        | 320     | 200        | 1,820                   | 2,900     | 380        | 480     | 320        | 1,720                   | 2,900     |
| 30 - 39         | 1,320      | 1,480   | 1,120      | 5,420                   | 9,340     | 1,360      | 1,840   | 1,180      | 5,540                   | 9,920     |
| 40 - 49         | 3,460      | 5,200   | 3,200      | 18,020                  | 29,880    | 4,040      | 6,600   | 3,680      | 20,100                  | 34,420    |
| 50 - 59         | 8,140      | 18,680  | 10,700     | 41,260                  | 78,780    | 8,800      | 22,460  | 10,500     | 42,720                  | 84,480    |
| 60 - 64         | 7,120      | 17,140  | 8,700      | 33,280                  | 66,240    | 7,560      | 20,840  | 8,640      | 33,800                  | 70,840    |
| 65 - 69         | 24,800     | 66,860  | 25,880     | 118,960                 | 236,500   | 26,720     | 79,760  | 26,640     | 125,660                 | 258,780   |
| 70 - 74         | 30,200     | 95,380  | 36,120     | 157,920                 | 319,620   | 33,580     | 118,460 | 38,200     | 166,840                 | 357,080   |
| 75 - 79         | 31,740     | 107,840 | 46,820     | 179,300                 | 365,700   | 32,520     | 132,620 | 45,860     | 177,740                 | 388,740   |
| 80 - 84         | 27,200     | 102,220 | 47,800     | 180,480                 | 357,700   | 29,900     | 126,580 | 52,160     | 185,880                 | 394,520   |
| 85+             | 27,740     | 90,320  | 53,920     | 216,400                 | 388,380   | 30,500     | 124,960 | 63,140     | 227,820                 | 446,420   |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| 20 - 44         | 2,900      | 3,660   | 2,280      | 14,000                  | 22,840    | 3,240      | 4,400   | 2,760      | 14,420                  | 24,820    |
| 45 - 54         | 5,680      | 10,100  | 6,760      | 28,060                  | 50,600    | 6,160      | 13,080  | 6,620      | 30,540                  | 56,400    |
| 55 - 64         | 12,020     | 29,060  | 14,880     | 57,740                  | 113,700   | 12,740     | 34,740  | 14,940     | 58,920                  | 121,340   |
| 65 - 74         | 55,000     | 162,240 | 62,000     | 276,880                 | 556,120   | 60,300     | 198,220 | 64,840     | 292,500                 | 615,860   |
| 75+             | 86,680     | 300,380 | 148,540    | 576,180                 | 1,111,780 | 92,920     | 384,160 | 161,160    | 591,440                 | 1,229,680 |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| Male            | 83,400     | 257,240 | 110,140    | 464,520                 | 915,300   | 89,300     | 316,700 | 117,540    | 474,380                 | 997,920   |
| Female          | 78,880     | 248,200 | 124,320    | 488,340                 | 939,740   | 86,060     | 317,900 | 132,780    | 513,440                 | 1,050,180 |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| White           | 128,920    | 420,160 | 184,300    | 801,640                 | 1,535,020 | 140,140    | 528,500 | 197,660    | 823,940                 | 1,690,240 |
| Black/Af Am     | 23,740     | 61,200  | 36,700     | 104,220                 | 225,860   | 24,600     | 75,520  | 37,080     | 111,060                 | 248,260   |
| Native American | 880        | 2,240   | 1,420      | 4,520                   | 9,060     | 920        | 2,840   | 1,560      | 5,540                   | 10,860    |
| Asian           | 2,640      | 7,460   | 3,880      | 13,860                  | 27,840    | 2,840      | 9,360   | 4,720      | 16,320                  | 33,240    |
| †Hispanic       | 4,000      | 8,840   | 5,020      | 17,980                  | 35,840    | 4,260      | 10,880  | 5,820      | 18,800                  | 39,760    |
| Other/unknown   | 2,100      | 5,540   | 3,140      | 10,640                  | 21,420    | 2,600      | 7,500   | 3,480      | 12,160                  | 25,740    |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| All             | 162,280    | 505,440 | 234,460    | 952,860                 | 1,855,040 | 175,360    | 634,600 | 250,320    | 987,820                 | 2,048,100 |

|                 | 2009       |         |            |                         |           | 2010       |         |            |                         |           |
|-----------------|------------|---------|------------|-------------------------|-----------|------------|---------|------------|-------------------------|-----------|
|                 | Stages 1-2 | Stage 3 | Stages 4-5 | Unknown/<br>unspecified | Total     | Stages 1-2 | Stage 3 | Stages 4-5 | Unknown/<br>unspecified | Total     |
| 20 - 29         | 420        | 700     | 340        | 2,060                   | 3,520     | 460        | 520     | 240        | 2,240                   | 3,460     |
| 30 - 39         | 1,060      | 2,180   | 1,200      | 6,400                   | 10,840    | 1,680      | 2,200   | 1,200      | 6,340                   | 11,420    |
| 40 - 49         | 3,880      | 8,680   | 3,920      | 20,160                  | 36,640    | 4,340      | 9,920   | 4,080      | 20,740                  | 39,080    |
| 50 - 59         | 10,060     | 27,840  | 11,180     | 46,420                  | 95,500    | 12,500     | 32,100  | 12,000     | 48,720                  | 105,320   |
| 60 - 64         | 9,020      | 24,640  | 10,900     | 35,740                  | 80,300    | 9,380      | 30,500  | 11,380     | 38,060                  | 89,320    |
| 65 - 69         | 30,960     | 100,880 | 28,000     | 131,400                 | 291,240   | 34,920     | 117,560 | 29,740     | 137,440                 | 319,660   |
| 70 - 74         | 37,760     | 143,880 | 41,160     | 170,480                 | 393,280   | 43,600     | 166,540 | 42,120     | 174,100                 | 426,360   |
| 75 - 79         | 38,040     | 160,140 | 48,980     | 177,760                 | 424,920   | 40,560     | 188,720 | 50,020     | 181,160                 | 460,460   |
| 80 - 84         | 33,360     | 155,640 | 54,140     | 183,840                 | 426,980   | 35,400     | 185,560 | 56,960     | 188,440                 | 466,360   |
| 85+             | 35,180     | 165,720 | 70,400     | 240,000                 | 511,300   | 40,700     | 208,300 | 76,580     | 245,220                 | 570,800   |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| 20 - 44         | 3,000      | 5,880   | 2,760      | 15,660                  | 27,300    | 3,680      | 6,140   | 2,700      | 16,020                  | 28,540    |
| 45 - 54         | 6,660      | 15,800  | 7,300      | 32,200                  | 61,960    | 8,000      | 18,440  | 7,340      | 33,800                  | 67,580    |
| 55 - 64         | 14,780     | 42,360  | 17,480     | 62,920                  | 137,540   | 16,680     | 50,660  | 18,860     | 66,280                  | 152,480   |
| 65 - 74         | 68,720     | 244,760 | 69,160     | 301,880                 | 684,520   | 78,520     | 284,100 | 71,860     | 311,540                 | 746,020   |
| 75+             | 106,580    | 481,500 | 173,520    | 601,600                 | 1,363,200 | 116,660    | 582,580 | 183,560    | 614,820                 | 1,497,620 |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| Male            | 99,240     | 387,740 | 125,100    | 481,480                 | 1,093,560 | 110,300    | 452,980 | 129,340    | 493,700                 | 1,186,320 |
| Female          | 100,500    | 402,560 | 145,120    | 532,780                 | 1,180,960 | 113,240    | 488,940 | 154,980    | 548,760                 | 1,305,920 |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| White           | 155,440    | 655,540 | 212,380    | 842,480                 | 1,865,840 | 175,640    | 776,220 | 222,500    | 861,840                 | 2,036,200 |
| Black/Af Am     | 30,660     | 94,400  | 41,740     | 117,360                 | 284,160   | 32,440     | 116,840 | 43,640     | 123,380                 | 316,300   |
| Native American | 960        | 3,940   | 1,840      | 4,960                   | 11,700    | 940        | 4,340   | 1,920      | 5,520                   | 12,720    |
| Asian           | 3,960      | 12,820  | 4,780      | 17,360                  | 38,920    | 4,420      | 15,740  | 5,520      | 16,960                  | 42,640    |
| †Hispanic       | 5,540      | 14,080  | 6,400      | 18,680                  | 44,700    | 6,220      | 16,780  | 6,460      | 20,900                  | 50,360    |
| Other/unknown   | 3,180      | 9,520   | 3,080      | 13,420                  | 29,200    | 3,880      | 12,000  | 4,280      | 13,860                  | 34,020    |
|                 |            |         |            |                         |           |            |         |            |                         |           |
| All             | 199,740    | 790,300 | 270,220    | 1,014,260               | 2,274,520 | 223,540    | 941,920 | 284,320    | 1,042,460               | 2,492,240 |

Table B.7

**Percentage of non-institutionalized NHANES participants age 20 & older in the United States***by age, gender, race, & at-risk group*

|                            | NHANES 1999-2002 | NHANES 2003-2006 | NHANES 2007-2010 |
|----------------------------|------------------|------------------|------------------|
| 20 - 44                    | 51.1             | 49.2             | 47.1             |
| 45 - 54                    | 19.8             | 21.0             | 20.6             |
| 55 - 64                    | 12.2             | 12.6             | 15.1             |
| 65 - 74                    | 9.3              | 9.5              | 9.5              |
| 75+                        | 7.6              | 7.7              | 7.7              |
| Male                       | 47.8             | 48.0             | 48.2             |
| Female                     | 52.2             | 52.0             | 51.8             |
| Non-Hispanic white         | 71.5             | 72.3             | 68.7             |
| Non-Hisp black/Af Am       | 10.9             | 11.4             | 11.3             |
| Mexican American           | 7.1              | 7.9              | 8.5              |
| Other                      | 10.5             | 8.4              | 11.5             |
| Diabetes                   | 8.0              | 8.9              | 10.2             |
| Self-reported diabetes     | 6.7              | 7.8              | 8.5              |
| Hypertension               | 46.1             | 46.0             | 44.6             |
| Self-reported hypertension | 25.8             | 29.9             | 30.3             |
| CVD                        | 8.5              | 9.3              | 8.3              |
| BMI $\geq$ 30              | 30.6             | 33.6             | 34.9             |
| ALL                        | 100.0            | 100.0            | 100.0            |

Table B.8

**Percentage of non-institutionalized NHANES participants age 20 & older with CKD (Stages 1-4)***by age, gender, race, & at-risk group*

|                            | CKD: CKD-EPI equation |                  |                  |
|----------------------------|-----------------------|------------------|------------------|
|                            | NHANES 1999-2002      | NHANES 2003-2006 | NHANES 2007-2010 |
| 20 - 44                    | 21.3                  | 20.2             | 19.2             |
| 45 - 54                    | 14.5                  | 13.2             | 12.8             |
| 55 - 64                    | 13.0                  | 15.4             | 15.9             |
| 65 - 74                    | 20.4                  | 20.8             | 20.8             |
| 75+                        | 30.8                  | 30.3             | 31.4             |
| Male                       | 41.4                  | 42.3             | 41.7             |
| Female                     | 58.6                  | 57.7             | 58.3             |
| Non-Hispanic white         | 73.3                  | 73.1             | 72.1             |
| Non-Hisp black/Af Am       | 10.9                  | 11.9             | 11.4             |
| Mexican American           | 5.4                   | 6.3              | 7.4              |
| Other                      | 10.4                  | 8.7              | 9.0              |
| Diabetes                   | 21.4                  | 24.5             | 27.8             |
| Self-reported diabetes     | 18.5                  | 22.9             | 25.0             |
| Hypertension               | 74.4                  | 74.3             | 73.5             |
| Self-reported hypertension | 49.3                  | 56.0             | 57.9             |
| CVD                        | 22.2                  | 27.6             | 23.0             |
| BMI $\geq$ 30              | 38.6                  | 39.0             | 42.3             |
| All                        | 100.0                 | 100.0            | 100.0            |

Table B.9

**Percentage of non-institutionalized NHANES participants age 20 & older with diabetes***by age, gender, race, & at-risk group*

|                                     | NHANES 1999-2002 | NHANES 2003-2006 | NHANES 2007-2010 |
|-------------------------------------|------------------|------------------|------------------|
| 20 - 44                             | 17.7             | 17.3             | 13.6             |
| 45 - 54                             | 21.3             | 22.0             | 22.7             |
| 55 - 64                             | 23.5             | 22.7             | 23.8             |
| 65 - 74                             | 22.4             | 23.8             | 23.2             |
| 75+                                 | 15.2             | 14.2             | 16.7             |
| Male                                | 50.6             | 47.1             | 50.4             |
| Female                              | 49.5             | 52.9             | 49.6             |
| Non-Hispanic white                  | 60.5             | 63.9             | 60.4             |
| Non-Hisp black/Af Am                | 16.3             | 17.0             | 17.3             |
| Mexican American                    | 7.2              | 9.2              | 9.5              |
| Other                               | 15.9             | 10.0             | 12.8             |
| eGFR <60 ml/min/1.73 m <sup>2</sup> | 16.7             | 20.0             | 19.4             |
| ACR ≥30 mg/g                        | 36.2             | 31.0             | 29.4             |
| eGFR < 60 & ACR ≥30                 | 9.0              | 8.5              | 8.3              |
| All                                 | 100.0            | 100.0            | 100.0            |

eGFR is estimated using the CKD-EPI equation

Table B.10

**Percentage of non-institutionalized NHANES participants age 20 & older with CHF***by age, gender, race, & at-risk group*

|                                     | NHANES 1999-2002 | NHANES 2003-2006 | NHANES 2007-2010 |
|-------------------------------------|------------------|------------------|------------------|
| 20 - 44                             | 8.8              | 6.1              | 7.6              |
| 45 - 54                             | 14.3             | 12.2             | 10.9             |
| 55 - 64                             | 20.7             | 17.7             | 20.3             |
| 65 - 74                             | 19.2             | 30.2             | 26.8             |
| 75+                                 | 37.0             | 33.8             | 34.4             |
| Male                                | 50.6             | 54.8             | 53.4             |
| Female                              | 49.4             | 45.2             | 46.6             |
| Non-Hispanic white                  | 73.0             | 82.0             | 69.0             |
| Non-Hisp black/Af Am                | 13.3             | 12.8             | 17.1             |
| Mexican American                    | 3.7              | 3.0              | 3.3              |
| Other                               | 10.0             | 2.2              | 10.6             |
| eGFR <60 ml/min/1.73 m <sup>2</sup> | 37.0             | 41.6             | 35.0             |
| ACR ≥30 mg/g                        | 32.1             | 31.2             | 30.4             |
| eGFR < 60 & ACR ≥30                 | 17.0             | 14.9             | 16.2             |
| All                                 | 100.0            | 100.0            | 100.0            |

eGFR is estimated using the CKD-EPI equation

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, & 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  | 3,674  |
| 30 - 39         | 3,286  | 3,606  | 3,777  | 3,874  | 3,932  | 3,762  | 3,661  | 3,717  | 4,121  |
| 40 - 49         | 3,161  | 3,525  | 3,704  | 3,953  | 4,075  | 4,024  | 3,980  | 4,136  | 4,538  |
| 50 - 59         | 3,852  | 4,122  | 4,478  | 4,749  | 4,905  | 4,738  | 4,771  | 4,905  | 5,380  |
| 60 - 64         | 4,626  | 4,927  | 5,430  | 5,887  | 5,983  | 5,834  | 5,640  | 5,756  | 6,395  |
| 65 - 69         | 2,891  | 3,141  | 3,394  | 3,579  | 3,779  | 3,755  | 3,741  | 3,879  | 4,264  |
| 70 - 74         | 3,528  | 3,839  | 4,152  | 4,389  | 4,658  | 4,580  | 4,623  | 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  | 6,974  | 6,623  | 6,547  | 6,790  | 7,516  |
| 85+             | 5,701  | 6,527  | 7,244  | 7,713  | 8,285  | 7,806  | 7,597  | 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  | 4,436  | 4,249  | 4,269  | 4,423  | 4,821  |
| 55 - 64         | 4,343  | 4,707  | 5,131  | 5,499  | 5,582  | 5,464  | 5,370  | 5,462  | 6,099  |
| 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  | 6,366  | 6,773  | 6,477  | 6,404  | 6,634  | 7,324  |
| Male            | 4,185  | 4,507  | 4,855  | 5,176  | 5,464  | 5,345  | 5,374  | 5,522  | 6,064  |
| Female          | 3,820  | 4,281  | 4,708  | 5,007  | 5,342  | 5,172  | 5,120  | 5,345  | 5,903  |
| White           | 3,952  | 4,312  | 4,692  | 4,986  | 5,295  | 5,168  | 5,157  | 5,370  | 5,906  |
| Black/Af Am     | 4,579  | 5,137  | 5,649  | 6,078  | 6,471  | 6,139  | 5,972  | 6,054  | 6,689  |
| Native American | 2,600  | 3,161  | 3,887  | 4,114  | 4,250  | 4,525  | 4,169  | 4,748  | 5,463  |
| Asian           | 2,634  | 2,995  | 3,208  | 3,601  | 4,291  | 4,029  | 4,430  | 4,625  | 5,559  |
| †Hispanic       | 3,267  | 4,041  | 4,420  | 4,832  | 5,510  | 5,273  | 5,361  | 5,377  | 6,147  |
| Other/unknown   | 3,243  | 5,135  | 5,846  | 6,250  | 5,672  | 5,441  | 5,598  | 5,252  | 5,344  |
| Diabetes        | 7,098  | 7,817  | 8,497  | 9,053  | 9,541  | 9,044  | 8,689  | 8,901  | 9,611  |
| CHF             | 10,448 | 11,448 | 12,529 | 13,342 | 14,224 | 13,408 | 12,995 | 13,370 | 14,568 |
| CKD             | 12,202 | 12,930 | 14,667 | 15,635 | 16,259 | 15,150 | 14,753 | 14,995 | 16,125 |
| 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   | 2009   | 2010   |
| 20 - 29         | 3,480  | 3,726  | 3,959  | 4,323  | 6,488  | 6,898  | 7,436  | 8,194  | 8,181  |
| 30 - 39         | 4,326  | 4,699  | 5,060  | 5,254  | 8,329  | 8,948  | 9,416  | 9,850  | 10,167 |
| 40 - 49         | 4,791  | 5,261  | 5,766  | 6,178  | 9,360  | 10,160 | 11,043 | 11,682 | 11,862 |
| 50 - 59         | 5,735  | 6,149  | 6,528  | 6,910  | 9,437  | 10,337 | 11,003 | 11,824 | 12,504 |
| 60 - 64         | 6,796  | 7,278  | 7,908  | 8,315  | 10,145 | 10,730 | 11,418 | 12,134 | 12,540 |
| 65 - 69         | 4,487  | 4,753  | 5,115  | 5,411  | 6,187  | 6,597  | 6,978  | 7,358  | 7,551  |
| 70 - 74         | 5,481  | 5,803  | 6,221  | 6,592  | 7,380  | 7,757  | 8,083  | 8,538  | 8,876  |
| 75 - 79         | 6,769  | 7,141  | 7,685  | 8,139  | 9,043  | 9,485  | 10,016 | 10,464 | 10,708 |
| 80 - 84         | 7,855  | 8,238  | 8,874  | 9,459  | 10,626 | 11,216 | 11,829 | 12,519 | 12,816 |
| 85+             | 9,182  | 9,626  | 10,370 | 11,128 | 12,602 | 13,531 | 14,436 | 15,201 | 15,553 |
| 20 - 44         | 4,345  | 4,730  | 5,125  | 5,406  | 8,397  | 8,965  | 9,580  | 10,125 | 10,224 |
| 45 - 54         | 5,215  | 5,654  | 6,031  | 6,536  | 9,469  | 10,339 | 11,202 | 11,831 | 12,419 |
| 55 - 64         | 6,404  | 6,852  | 7,405  | 7,727  | 9,786  | 10,549 | 11,154 | 11,999 | 12,488 |
| 65 - 74         | 5,025  | 5,309  | 5,689  | 6,017  | 6,798  | 7,191  | 7,544  | 7,963  | 8,223  |
| 75+             | 7,720  | 8,116  | 8,750  | 9,339  | 10,498 | 11,154 | 11,851 | 12,507 | 12,832 |
| Male            | 6,348  | 6,710  | 7,173  | 7,614  | 8,640  | 9,126  | 9,647  | 10,147 | 10,442 |
| Female          | 6,246  | 6,598  | 7,128  | 7,576  | 8,963  | 9,602  | 10,188 | 10,787 | 11,111 |
| White           | 6,215  | 6,581  | 7,082  | 7,533  | 8,676  | 9,247  | 9,800  | 10,340 | 10,650 |
| Black/Af Am     | 7,079  | 7,355  | 7,942  | 8,427  | 10,089 | 10,695 | 11,271 | 11,998 | 12,461 |
| Native American | 5,924  | 6,868  | 7,028  | 7,393  | 8,963  | 9,806  | 10,499 | 10,970 | 11,656 |
| Asian           | 5,956  | 6,036  | 6,452  | 6,386  | 8,178  | 8,780  | 9,365  | 10,106 | 9,998  |
| †Hispanic       | 6,667  | 7,094  | 7,563  | 8,111  | 11,012 | 11,795 | 12,465 | 12,902 | 12,895 |
| Other/unknown   | 5,283  | 5,508  | 5,642  | 5,853  | 7,251  | 7,519  | 8,052  | 8,429  | 8,433  |
| Diabetes        | 9,965  | 10,402 | 11,036 | 11,518 | 13,476 | 14,112 | 14,806 | 15,633 | 15,974 |
| CHF             | 15,601 | 16,342 | 17,557 | 18,809 | 21,149 | 22,708 | 24,222 | 25,698 | 26,421 |
| CKD             | 16,629 | 16,858 | 17,850 | 18,549 | 20,967 | 21,546 | 22,121 | 23,005 | 23,140 |
| All             | 6,289  | 6,645  | 7,147  | 7,592  | 8,824  | 9,396  | 9,953  | 10,509 | 10,819 |

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, & 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 | 16,872 | 17,922 |
| 60 - 64          | 15,701 | 15,025 | 16,556 | 20,154 | 19,697 | 17,797 | 16,927 | 17,221 | 16,634 |
| 65 - 69          | 12,115 | 11,480 | 13,480 | 13,640 | 14,776 | 13,788 | 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 | 14,846 | 15,045 | 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 | 16,507 | 15,822 |
| 55 - 64          | 15,265 | 15,228 | 16,771 | 19,335 | 18,393 | 16,181 | 16,498 | 16,793 | 17,684 |
| 65 - 74          | 11,908 | 11,927 | 14,140 | 14,479 | 14,914 | 14,285 | 13,848 | 13,792 | 14,608 |
| 75+              | 12,163 | 13,316 | 14,712 | 15,937 | 16,903 | 15,621 | 15,127 | 15,477 | 16,906 |
| Male             | 12,055 | 12,577 | 14,290 | 15,346 | 15,712 | 14,691 | 14,647 | 14,953 | 15,736 |
| Female           | 12,345 | 13,276 | 15,019 | 15,904 | 16,779 | 15,582 | 14,854 | 15,036 | 16,501 |
| White            | 11,756 | 12,476 | 14,106 | 14,832 | 15,475 | 14,496 | 14,222 | 14,541 | 15,607 |
| Black/Af Am      | 14,335 | 15,307 | 16,955 | 19,762 | 20,131 | 18,851 | 17,554 | 17,825 | 19,299 |
| Native American  | 11,386 | 10,712 | 18,056 | 13,121 | 14,970 | 12,705 | 11,511 | 13,704 | 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 | 17,810 | 20,190 | 16,458 | 16,030 | 15,367 | 16,185 |
| Other/unknown    | 18,789 | 15,530 | 20,303 | 20,142 | 20,120 | 17,785 | 17,537 | 14,813 | 18,486 |
| NDM, non-CHF     | 8,836  | 9,107  | 10,189 | 10,821 | 10,922 | 10,205 | 10,224 | 10,348 | 11,161 |
| CHF only         | 17,009 | 18,085 | 20,709 | 22,065 | 23,304 | 21,737 | 21,116 | 21,355 | 22,908 |
| DM only          | 15,238 | 16,303 | 18,435 | 19,207 | 20,306 | 18,761 | 17,305 | 18,008 | 18,811 |
| DM & CHF         | 19,721 | 20,937 | 24,224 | 25,354 | 27,104 | 25,456 | 23,644 | 24,576 | 25,410 |
| All              | 12,202 | 12,930 | 14,667 | 15,635 | 16,259 | 15,150 | 14,753 | 14,995 | 16,125 |
|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
| 20 - 29          | 14,384 | 12,873 | 14,634 | 20,603 | 19,622 | 26,690 | 28,207 | 38,126 | 35,200 |
| 30 - 39          | 16,784 | 14,561 | 18,329 | 20,000 | 25,351 | 26,797 | 29,175 | 29,303 | 30,649 |
| 40 - 49          | 17,088 | 18,588 | 21,466 | 21,331 | 29,104 | 26,545 | 29,134 | 32,792 | 31,344 |
| 50 - 59          | 19,163 | 19,254 | 19,933 | 21,785 | 24,844 | 27,145 | 27,106 | 27,942 | 30,831 |
| 60 - 64          | 18,671 | 19,152 | 20,041 | 20,049 | 23,876 | 25,060 | 26,110 | 28,666 | 29,163 |
| 65 - 69          | 14,713 | 15,061 | 15,739 | 16,441 | 18,522 | 19,624 | 20,242 | 20,781 | 20,257 |
| 70 - 74          | 15,643 | 15,899 | 16,323 | 17,013 | 18,804 | 19,377 | 19,503 | 20,385 | 20,541 |
| 75 - 79          | 16,916 | 16,954 | 18,009 | 18,169 | 20,556 | 20,576 | 21,151 | 21,392 | 21,813 |
| 80 - 84          | 17,044 | 17,168 | 18,580 | 19,366 | 21,214 | 21,805 | 22,201 | 23,417 | 23,327 |
| 85+              | 17,500 | 17,895 | 18,943 | 20,026 | 22,774 | 23,046 | 23,991 | 24,746 | 24,615 |
| 20 - 44          | 17,147 | 16,593 | 19,409 | 21,226 | 26,231 | 26,839 | 29,499 | 33,968 | 31,212 |
| 45 - 54          | 17,677 | 18,874 | 20,820 | 22,071 | 25,998 | 26,978 | 28,332 | 29,007 | 32,031 |
| 55 - 64          | 19,089 | 19,150 | 19,940 | 20,413 | 24,617 | 25,875 | 26,226 | 28,361 | 29,474 |
| 65 - 74          | 15,263 | 15,553 | 16,075 | 16,773 | 18,684 | 19,482 | 19,816 | 20,551 | 20,421 |
| 75+              | 17,122 | 17,288 | 18,465 | 19,109 | 21,446 | 21,785 | 22,442 | 23,223 | 23,308 |
| Male             | 16,624 | 16,890 | 17,723 | 18,617 | 20,479 | 20,834 | 21,491 | 22,409 | 22,512 |
| Female           | 16,634 | 16,827 | 17,974 | 18,485 | 21,450 | 22,245 | 22,735 | 23,566 | 23,717 |
| White            | 16,144 | 16,351 | 17,409 | 18,096 | 20,305 | 20,858 | 21,376 | 22,345 | 22,335 |
| African American | 18,830 | 19,494 | 20,451 | 21,594 | 24,236 | 25,381 | 26,109 | 25,994 | 27,472 |
| Native American  | 15,874 | 18,943 | 18,471 | 17,380 | 19,904 | 22,349 | 21,685 | 24,084 | 27,225 |
| Asian            | 20,026 | 15,951 | 16,915 | 16,571 | 21,398 | 20,690 | 24,428 | 23,914 | 23,237 |
| †Hispanic        | 19,114 | 20,026 | 20,176 | 20,254 | 28,632 | 27,956 | 28,286 | 31,622 | 29,677 |
| Other/unknown    | 17,111 | 16,507 | 15,983 | 16,340 | 19,047 | 20,024 | 21,629 | 22,938 | 21,229 |
| NDM, non-CHF     | 11,398 | 11,781 | 12,581 | 12,791 | 14,809 | 15,239 | 15,677 | 16,307 | 16,236 |
| DM only          | 23,772 | 24,430 | 25,675 | 27,060 | 30,222 | 31,352 | 32,907 | 34,632 | 35,520 |
| CHF only         | 19,430 | 19,517 | 20,529 | 21,219 | 24,083 | 24,776 | 25,238 | 26,292 | 26,373 |
| DM & CHF         | 26,241 | 27,161 | 28,096 | 29,101 | 33,252 | 34,744 | 35,991 | 38,120 | 38,657 |
| All              | 16,629 | 16,858 | 17,850 | 18,549 | 20,967 | 21,546 | 22,121 | 23,005 | 23,140 |

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, & 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  | 9,032  | 8,382  | 8,885  | 7,211  | 7,106  | 8,386  | 8,815  |
| 40 - 49          | 6,495  | 7,495  | 7,896  | 8,262  | 8,376  | 7,959  | 8,156  | 8,484  | 8,684  |
| 50 - 59          | 7,430  | 7,954  | 8,381  | 9,023  | 8,949  | 8,544  | 8,681  | 9,061  | 9,680  |
| 60 - 64          | 8,067  | 8,585  | 9,058  | 10,127 | 10,190 | 9,745  | 9,119  | 9,194  | 9,925  |
| 65 - 69          | 5,864  | 6,335  | 6,881  | 7,270  | 7,661  | 7,254  | 6,983  | 7,126  | 7,775  |
| 70 - 74          | 6,627  | 7,287  | 7,826  | 8,226  | 8,584  | 8,362  | 7,995  | 8,116  | 8,633  |
| 75 - 79          | 7,546  | 8,297  | 8,905  | 9,441  | 10,131 | 9,625  | 9,220  | 9,342  | 10,146 |
| 80 - 84          | 8,082  | 9,045  | 10,120 | 10,829 | 11,404 | 10,392 | 9,920  | 10,234 | 11,166 |
| 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  | 8,227  | 7,581  | 7,827  | 8,397  | 8,644  |
| 45 - 54          | 7,056  | 7,482  | 7,970  | 8,690  | 8,962  | 8,260  | 8,514  | 8,968  | 9,253  |
| 55 - 64          | 7,761  | 8,440  | 8,967  | 9,784  | 9,652  | 9,317  | 8,919  | 9,083  | 9,893  |
| 65 - 74          | 6,280  | 6,857  | 7,408  | 7,807  | 8,182  | 7,887  | 7,564  | 7,690  | 8,262  |
| 75+              | 7,933  | 8,834  | 9,680  | 10,342 | 11,009 | 10,264 | 9,791  | 10,030 | 10,893 |
| Male             | 7,163  | 7,818  | 8,432  | 9,006  | 9,480  | 9,052  | 8,801  | 8,893  | 9,598  |
| Female           | 7,053  | 7,817  | 8,542  | 9,086  | 9,585  | 9,038  | 8,608  | 8,907  | 9,621  |
| White            | 7,035  | 7,699  | 8,376  | 8,876  | 9,327  | 8,879  | 8,537  | 8,809  | 9,463  |
| Black/Af Am      | 7,560  | 8,668  | 9,343  | 10,239 | 10,815 | 10,212 | 9,671  | 9,689  | 10,627 |
| Native American  | 4,501  | 6,352  | 7,672  | 7,710  | 8,242  | 8,156  | 7,094  | 8,072  | 8,879  |
| Asian            | 4,924  | 5,464  | 5,726  | 6,441  | 7,337  | 7,301  | 7,357  | 7,675  | 8,792  |
| †Hispanic        | 5,529  | 7,378  | 8,048  | 8,595  | 10,133 | 9,047  | 9,013  | 8,641  | 9,758  |
| Other/unknown    | 10,480 | 9,064  | 10,293 | 11,301 | 10,570 | 9,303  | 9,277  | 8,782  | 9,316  |
| Non-CKD, non-CHF | 5,781  | 6,343  | 6,792  | 7,205  | 7,443  | 7,056  | 6,803  | 6,938  | 7,522  |
| CHF only         | 13,456 | 14,775 | 16,240 | 17,104 | 18,252 | 17,011 | 16,171 | 16,710 | 17,814 |
| CKD only         | 15,238 | 16,303 | 18,435 | 19,207 | 20,306 | 18,761 | 17,305 | 18,008 | 18,811 |
| CKD & CHF        | 19,721 | 20,937 | 24,224 | 25,354 | 27,104 | 25,456 | 23,644 | 24,576 | 25,410 |
| All              | 7,098  | 7,817  | 8,497  | 9,053  | 9,541  | 9,044  | 8,689  | 8,901  | 9,611  |
|                  |        |        |        |        |        |        |        |        |        |
|                  | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
| 20 - 29          | 9,487  | 9,188  | 9,040  | 8,826  | 14,351 | 15,001 | 16,507 | 21,002 | 19,426 |
| 30 - 39          | 9,369  | 9,268  | 9,907  | 10,420 | 15,616 | 17,529 | 17,936 | 18,837 | 18,310 |
| 40 - 49          | 9,445  | 10,545 | 11,493 | 11,251 | 16,722 | 17,343 | 18,509 | 19,758 | 19,906 |
| 50 - 59          | 9,686  | 10,179 | 11,009 | 11,473 | 15,042 | 16,458 | 17,267 | 18,290 | 19,433 |
| 60 - 64          | 10,287 | 10,911 | 11,650 | 12,066 | 15,144 | 15,629 | 16,638 | 17,831 | 18,349 |
| 65 - 69          | 8,017  | 8,447  | 8,763  | 9,099  | 10,566 | 11,137 | 11,610 | 12,353 | 12,557 |
| 70 - 74          | 8,933  | 9,348  | 9,959  | 10,291 | 11,775 | 12,035 | 12,568 | 13,290 | 13,673 |
| 75 - 79          | 10,475 | 10,884 | 11,547 | 12,043 | 13,510 | 13,994 | 14,682 | 15,333 | 15,487 |
| 80 - 84          | 11,577 | 11,980 | 12,727 | 13,479 | 15,301 | 15,922 | 16,591 | 17,470 | 17,651 |
| 85+              | 12,952 | 13,355 | 14,181 | 15,052 | 17,180 | 18,266 | 19,140 | 19,912 | 20,262 |
| 20 - 44          | 9,456  | 9,862  | 10,935 | 11,040 | 16,194 | 17,154 | 18,071 | 19,621 | 18,868 |
| 45 - 54          | 9,789  | 10,380 | 10,960 | 11,312 | 15,906 | 17,015 | 18,321 | 19,184 | 20,225 |
| 55 - 64          | 9,915  | 10,586 | 11,440 | 11,776 | 14,980 | 15,914 | 16,633 | 17,839 | 18,593 |
| 65 - 74          | 8,529  | 8,942  | 9,405  | 9,732  | 11,206 | 11,611 | 12,119 | 12,856 | 13,151 |
| 75+              | 11,349 | 11,756 | 12,489 | 13,169 | 14,925 | 15,631 | 16,399 | 17,206 | 17,457 |
| Male             | 9,972  | 10,413 | 10,966 | 11,536 | 13,066 | 13,599 | 14,227 | 14,952 | 15,349 |
| Female           | 9,959  | 10,395 | 11,092 | 11,504 | 13,803 | 14,526 | 15,280 | 16,196 | 16,494 |
| White            | 9,801  | 10,256 | 10,903 | 11,364 | 13,165 | 13,748 | 14,456 | 15,233 | 15,613 |
| Black/Af Am      | 10,953 | 11,384 | 12,003 | 12,676 | 15,060 | 15,910 | 16,388 | 17,526 | 18,035 |
| Native American  | 8,733  | 10,631 | 10,161 | 10,514 | 12,875 | 13,756 | 14,946 | 15,194 | 15,651 |
| Asian            | 10,259 | 9,531  | 9,768  | 9,724  | 12,414 | 13,265 | 14,396 | 15,451 | 14,933 |
| †Hispanic        | 10,548 | 10,969 | 11,919 | 12,725 | 16,996 | 18,642 | 19,918 | 20,713 | 19,850 |
| Other/unknown    | 8,770  | 8,832  | 9,138  | 9,366  | 11,869 | 12,102 | 12,579 | 13,446 | 13,156 |
| Non-CKD, non-CHF | 7,687  | 8,091  | 8,546  | 8,880  | 10,556 | 10,941 | 11,490 | 12,064 | 12,306 |
| CKD only         | 18,897 | 19,697 | 20,933 | 22,142 | 25,476 | 27,182 | 28,622 | 30,285 | 30,891 |
| CHF only         | 19,430 | 19,517 | 20,529 | 21,219 | 24,083 | 24,776 | 25,238 | 26,292 | 26,373 |
| CKD & CHF        | 26,241 | 27,161 | 28,096 | 29,101 | 33,252 | 34,744 | 35,991 | 38,120 | 38,657 |
| All              | 9,965  | 10,402 | 11,036 | 11,518 | 13,476 | 14,112 | 14,806 | 15,633 | 15,974 |

Table K.4

**Per person per year estimated costs (\$): Medicare patients with CHF***general Medicare patients (5 percent sample), primary payor only, by age, gender, race, & 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 | 15,905 |
| 40 - 49         | 10,493 | 12,247 | 13,728 | 14,620 | 15,238 | 14,592 | 14,089 | 15,179 | 15,282 |
| 50 - 59         | 12,653 | 13,021 | 14,582 | 14,680 | 15,350 | 14,419 | 14,874 | 15,803 | 15,955 |
| 60 - 64         | 13,096 | 13,214 | 14,180 | 16,330 | 16,291 | 15,633 | 14,629 | 14,730 | 16,513 |
| 65 - 69         | 10,654 | 11,327 | 12,283 | 13,068 | 14,146 | 13,623 | 12,715 | 13,042 | 14,141 |
| 70 - 74         | 10,685 | 11,642 | 12,787 | 13,415 | 14,181 | 13,404 | 13,274 | 13,360 | 14,084 |
| 75 - 79         | 10,651 | 11,632 | 12,548 | 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 | 14,556 | 15,682 | 15,167 |
| 55 - 64         | 12,916 | 13,291 | 14,537 | 15,903 | 15,918 | 15,269 | 14,593 | 14,985 | 16,514 |
| 65 - 74         | 10,673 | 11,519 | 12,593 | 13,284 | 14,168 | 13,485 | 13,070 | 13,242 | 14,105 |
| 75+             | 10,185 | 11,276 | 12,352 | 13,171 | 14,110 | 13,216 | 12,803 | 13,226 | 14,581 |
| Male            | 10,920 | 11,729 | 12,723 | 13,585 | 14,498 | 13,705 | 13,441 | 13,649 | 14,847 |
| Female          | 10,148 | 11,268 | 12,407 | 13,188 | 14,049 | 13,215 | 12,698 | 13,180 | 14,374 |
| White           | 10,190 | 11,157 | 12,176 | 12,942 | 13,780 | 13,049 | 12,647 | 13,009 | 14,152 |
| Black/Af Am     | 12,213 | 13,658 | 15,184 | 16,309 | 17,204 | 16,120 | 15,276 | 15,943 | 17,465 |
| Native American | 8,815  | 9,403  | 15,292 | 12,709 | 12,603 | 11,791 | 12,241 | 12,769 | 13,549 |
| Asian           | 7,731  | 10,295 | 9,049  | 9,338  | 12,106 | 12,056 | 13,325 | 14,343 | 16,596 |
| †Hispanic       | 9,845  | 12,793 | 14,264 | 15,017 | 18,158 | 16,333 | 16,431 | 14,843 | 17,180 |
| Other/unknown   | 15,170 | 13,333 | 14,676 | 17,379 | 17,342 | 13,357 | 13,896 | 15,244 | 14,755 |
| NDM, non-CKD    | 9,095  | 9,951  | 10,758 | 11,451 | 12,162 | 11,472 | 11,104 | 11,362 | 12,365 |
| CKD only        | 17,009 | 18,085 | 20,709 | 22,065 | 23,304 | 21,737 | 21,116 | 21,355 | 22,908 |
| DM only         | 13,456 | 14,775 | 16,240 | 17,104 | 18,252 | 17,011 | 16,171 | 16,710 | 17,814 |
| CKD & DM        | 19,721 | 20,937 | 24,224 | 25,354 | 27,104 | 25,456 | 23,644 | 24,576 | 25,410 |
| All             | 10,448 | 11,448 | 12,529 | 13,342 | 14,224 | 13,408 | 12,995 | 13,370 | 14,568 |
|                 | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
| 20 - 29         | 26,789 | 25,675 | 11,924 | 24,073 | 24,008 | 27,898 | 37,783 | 47,710 | 29,839 |
| 30 - 39         | 19,136 | 16,698 | 18,847 | 23,549 | 25,972 | 27,620 | 29,030 | 30,214 | 34,536 |
| 40 - 49         | 16,648 | 18,642 | 19,138 | 20,251 | 26,784 | 28,846 | 31,477 | 32,959 | 32,901 |
| 50 - 59         | 16,950 | 17,826 | 18,589 | 20,045 | 23,784 | 26,493 | 28,330 | 29,835 | 31,787 |
| 60 - 64         | 17,651 | 18,263 | 19,088 | 21,138 | 23,855 | 26,233 | 26,859 | 29,038 | 30,510 |
| 65 - 69         | 15,246 | 15,785 | 17,000 | 18,004 | 20,066 | 21,719 | 23,228 | 24,622 | 24,952 |
| 70 - 74         | 15,374 | 16,072 | 17,026 | 18,393 | 20,271 | 21,498 | 22,504 | 24,244 | 24,925 |
| 75 - 79         | 15,942 | 16,743 | 18,041 | 19,033 | 21,044 | 22,361 | 23,914 | 24,979 | 25,963 |
| 80 - 84         | 15,760 | 16,592 | 17,763 | 18,864 | 21,240 | 22,695 | 24,093 | 26,035 | 26,286 |
| 85+             | 14,943 | 15,620 | 17,130 | 18,530 | 20,965 | 22,553 | 24,360 | 25,538 | 26,244 |
| 20 - 44         | 19,117 | 18,526 | 18,135 | 21,159 | 26,749 | 28,769 | 32,036 | 32,984 | 32,411 |
| 45 - 54         | 16,268 | 18,231 | 18,853 | 20,615 | 25,059 | 27,333 | 30,017 | 31,508 | 33,240 |
| 55 - 64         | 17,499 | 18,018 | 18,915 | 20,573 | 23,674 | 26,283 | 27,106 | 29,128 | 30,703 |
| 65 - 74         | 15,324 | 15,958 | 17,015 | 18,232 | 20,187 | 21,590 | 22,808 | 24,401 | 24,937 |
| 75+             | 15,505 | 16,268 | 17,608 | 18,787 | 21,075 | 22,541 | 24,152 | 25,536 | 26,181 |
| Male            | 15,908 | 16,763 | 17,814 | 19,103 | 20,649 | 22,177 | 23,506 | 24,944 | 25,557 |
| Female          | 15,382 | 16,037 | 17,367 | 18,587 | 21,535 | 23,118 | 24,790 | 26,306 | 27,118 |
| White           | 15,098 | 15,914 | 17,175 | 18,416 | 20,544 | 22,030 | 23,481 | 24,983 | 25,619 |
| Black/Af Am     | 18,681 | 19,089 | 20,047 | 21,969 | 24,965 | 26,946 | 28,781 | 29,672 | 31,108 |
| Native American | 15,811 | 19,098 | 20,147 | 18,199 | 21,260 | 22,542 | 25,160 | 26,738 | 27,383 |
| Asian           | 20,108 | 16,870 | 19,033 | 16,075 | 20,141 | 23,392 | 25,692 | 27,910 | 28,362 |
| †Hispanic       | 19,056 | 19,260 | 19,945 | 20,995 | 27,668 | 30,884 | 31,870 | 34,441 | 33,597 |
| Other/unknown   | 15,651 | 16,642 | 16,565 | 17,100 | 22,026 | 21,822 | 25,344 | 25,799 | 26,180 |
| NDM, non-CKD    | 13,207 | 13,777 | 14,748 | 15,788 | 17,247 | 18,343 | 19,533 | 20,560 | 20,904 |
| DM only         | 23,772 | 24,430 | 25,675 | 27,060 | 30,222 | 31,352 | 32,907 | 34,632 | 35,520 |
| CHF only        | 18,897 | 19,697 | 20,933 | 22,142 | 25,476 | 27,182 | 28,622 | 30,285 | 30,891 |
| CKD & DM        | 26,241 | 27,161 | 28,096 | 29,101 | 33,252 | 34,744 | 35,991 | 38,120 | 38,657 |
| All             | 15,601 | 16,342 | 17,557 | 18,809 | 21,149 | 22,708 | 24,222 | 25,698 | 26,421 |

Table K.5

**Per person per year estimated costs (\$): Medicare patients without ESRD, CKD, diabetes, or CHF***general Medicare patients (5 percent sample), primary payor only, by age, gender, & race*

|                 | 1993  | 1994  | 1995  | 1996  | 1997   | 1998   | 1999   | 2000   | 2001   |
|-----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 20 - 29         | 2,832 | 2,920 | 2,917 | 2,823 | 2,831  | 2,901  | 2,672  | 2,671  | 3,268  |
| 30 - 39         | 3,032 | 3,313 | 3,424 | 3,510 | 3,562  | 3,438  | 3,330  | 3,286  | 3,647  |
| 40 - 49         | 2,786 | 3,062 | 3,191 | 3,396 | 3,451  | 3,415  | 3,325  | 3,437  | 3,803  |
| 50 - 59         | 2,989 | 3,185 | 3,454 | 3,633 | 3,765  | 3,624  | 3,582  | 3,599  | 3,973  |
| 60 - 64         | 3,506 | 3,742 | 4,173 | 4,323 | 4,334  | 4,219  | 4,136  | 4,194  | 4,681  |
| 65 - 69         | 2,346 | 2,533 | 2,713 | 2,817 | 2,933  | 2,920  | 2,934  | 3,031  | 3,314  |
| 70 - 74         | 2,849 | 3,078 | 3,285 | 3,451 | 3,637  | 3,552  | 3,606  | 3,748  | 4,095  |
| 75 - 79         | 3,516 | 3,821 | 4,084 | 4,328 | 4,490  | 4,336  | 4,387  | 4,576  | 5,008  |
| 80 - 84         | 4,096 | 4,538 | 4,912 | 5,172 | 5,411  | 5,182  | 5,164  | 5,383  | 5,925  |
| 85+             | 4,653 | 5,338 | 5,911 | 6,196 | 6,608  | 6,210  | 6,087  | 6,263  | 6,978  |
| 20 - 44         | 2,929 | 3,176 | 3,281 | 3,373 | 3,437  | 3,368  | 3,218  | 3,286  | 3,641  |
| 45 - 54         | 2,874 | 3,012 | 3,238 | 3,450 | 3,537  | 3,406  | 3,345  | 3,419  | 3,797  |
| 55 - 64         | 3,287 | 3,574 | 3,904 | 4,053 | 4,100  | 4,014  | 3,984  | 3,967  | 4,441  |
| 65 - 74         | 2,606 | 2,815 | 3,015 | 3,154 | 3,308  | 3,262  | 3,300  | 3,421  | 3,737  |
| 75+             | 3,952 | 4,385 | 4,762 | 5,023 | 5,266  | 5,034  | 5,028  | 5,224  | 5,765  |
| Male            | 3,418 | 3,646 | 3,889 | 4,103 | 4,258  | 4,151  | 4,195  | 4,313  | 4,707  |
| Female          | 3,031 | 3,382 | 3,685 | 3,875 | 4,096  | 3,969  | 3,963  | 4,140  | 4,594  |
| White           | 3,217 | 3,486 | 3,759 | 3,957 | 4,153  | 4,047  | 4,069  | 4,239  | 4,667  |
| Black/Af Am     | 3,402 | 3,753 | 4,081 | 4,302 | 4,539  | 4,264  | 4,170  | 4,195  | 4,614  |
| Native American | 2,190 | 2,465 | 2,792 | 3,134 | 3,119  | 3,346  | 3,123  | 3,493  | 4,115  |
| Asian           | 2,175 | 2,403 | 2,619 | 2,892 | 3,394  | 3,011  | 3,294  | 3,428  | 4,243  |
| †Hispanic       | 2,501 | 2,986 | 3,196 | 3,471 | 3,702  | 3,641  | 3,662  | 3,795  | 4,296  |
| Other/unknown   | 2,162 | 3,831 | 4,404 | 4,519 | 3,937  | 4,097  | 4,252  | 3,784  | 3,815  |
| All             | 3,191 | 3,493 | 3,770 | 3,970 | 4,163  | 4,045  | 4,060  | 4,213  | 4,641  |
|                 | 2002  | 2003  | 2004  | 2005  | 2006   | 2007   | 2008   | 2009   | 2010   |
| 20 - 29         | 3,022 | 3,327 | 3,640 | 3,917 | 5,954  | 6,225  | 6,649  | 7,129  | 7,235  |
| 30 - 39         | 3,740 | 4,117 | 4,355 | 4,472 | 7,295  | 7,737  | 8,105  | 8,454  | 8,754  |
| 40 - 49         | 3,946 | 4,228 | 4,596 | 4,995 | 7,745  | 8,431  | 9,139  | 9,556  | 9,646  |
| 50 - 59         | 4,336 | 4,611 | 4,837 | 5,121 | 7,268  | 7,877  | 8,454  | 9,020  | 9,384  |
| 60 - 64         | 4,920 | 5,246 | 5,781 | 6,019 | 7,286  | 7,692  | 8,242  | 8,575  | 8,794  |
| 65 - 69         | 3,473 | 3,643 | 3,935 | 4,149 | 4,710  | 4,947  | 5,192  | 5,432  | 5,573  |
| 70 - 74         | 4,267 | 4,535 | 4,814 | 5,091 | 5,634  | 5,929  | 6,113  | 6,334  | 6,570  |
| 75 - 79         | 5,249 | 5,533 | 5,960 | 6,326 | 6,956  | 7,236  | 7,543  | 7,812  | 7,929  |
| 80 - 84         | 6,192 | 6,460 | 6,935 | 7,386 | 8,196  | 8,611  | 9,015  | 9,364  | 9,581  |
| 85+             | 7,363 | 7,756 | 8,281 | 8,868 | 10,002 | 10,679 | 11,302 | 11,834 | 12,042 |
| 20 - 44         | 3,708 | 4,039 | 4,308 | 4,535 | 7,242  | 7,684  | 8,152  | 8,538  | 8,692  |
| 45 - 54         | 4,079 | 4,375 | 4,669 | 5,082 | 7,623  | 8,306  | 8,973  | 9,391  | 9,715  |
| 55 - 64         | 4,712 | 4,986 | 5,390 | 5,601 | 7,164  | 7,676  | 8,222  | 8,724  | 8,952  |
| 65 - 74         | 3,896 | 4,109 | 4,384 | 4,624 | 5,175  | 5,441  | 5,655  | 5,884  | 6,066  |
| 75+             | 6,057 | 6,365 | 6,842 | 7,303 | 8,136  | 8,591  | 9,044  | 9,440  | 9,637  |
| Male            | 4,874 | 5,135 | 5,464 | 5,762 | 6,574  | 6,878  | 7,224  | 7,490  | 7,642  |
| Female          | 4,855 | 5,126 | 5,519 | 5,879 | 6,921  | 7,384  | 7,774  | 8,133  | 8,351  |
| White           | 4,889 | 5,166 | 5,528 | 5,882 | 6,769  | 7,178  | 7,555  | 7,874  | 8,078  |
| Black/Af Am     | 4,891 | 5,034 | 5,525 | 5,722 | 6,990  | 7,277  | 7,672  | 8,092  | 8,234  |
| Native American | 4,436 | 4,900 | 5,069 | 5,648 | 6,740  | 7,538  | 7,801  | 8,026  | 8,588  |
| Asian           | 4,142 | 4,420 | 4,861 | 4,756 | 6,059  | 6,501  | 6,661  | 7,114  | 6,876  |
| †Hispanic       | 4,523 | 4,915 | 5,073 | 5,440 | 7,568  | 7,872  | 8,198  | 8,141  | 8,360  |
| Other/unknown   | 3,854 | 4,085 | 4,175 | 4,381 | 5,268  | 5,473  | 5,756  | 5,893  | 5,935  |
| All             | 4,863 | 5,130 | 5,496 | 5,829 | 6,773  | 7,168  | 7,539  | 7,858  | 8,047  |

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