

## Medicare Chronic Condition Counts

**Table B.2.c.** Medicare beneficiary prevalence\* for 27 CCW chronic conditions\*\* using fee-for-service (FFS) claims, 2011–2020

| Totals                    | 2011 denominator <sup>#</sup> | 2011 percent | 2012 denominator <sup>#</sup> | 2012 percent | 2013 denominator <sup>#</sup> | 2013 percent | 2014 denominator <sup>#</sup> | 2014 percent | 2015 denominator <sup>#</sup> | 2015 percent |
|---------------------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|
| Total <sup>†</sup>        | 31,640,661                    | 100%         | 31,895,335                    | 100%         | 32,124,150                    | 100%         | 32,034,955                    | 100%         | 32,179,757                    | 100%         |
| Females only <sup>‡</sup> | 17,638,876                    | 55.7%        | 17,728,107                    | 55.6%        | 17,785,793                    | 55.4%        | 17,670,710                    | 55.2%        | 17,714,337                    | 55.0%        |
| Males only <sup>▲</sup>   | 14,001,783                    | 44.3%        | 14,167,225                    | 44.4%        | 14,338,355                    | 44.6%        | 14,364,241                    | 44.8%        | 14,465,415                    | 45.0%        |

| Chronic condition**  | 2011 numerator <sup>#</sup> | 2011 rate | 2012 numerator <sup>#</sup> | 2012 rate | 2013 numerator <sup>#</sup> | 2013 rate | 2014 numerator <sup>#</sup> | 2014 rate | 2015 numerator <sup>#</sup> | 2015 rate |
|--|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|
| Acute myocardial infarction                                | 296,645                     | 0.9%      | 290,669                     | 0.9%      | 281,449                     | 0.9%      | 273,188                     | 0.9%      | 281,530                     | 0.9%      |
| Acquired hypothyroidism                                    | 4,503,036                   | 14.2%     | 4,677,556                   | 14.7%     | 4,830,009                   | 15.0%     | 4,915,127                   | 15.3%     | 5,010,087                   | 15.6%     |
| Alzheimer's disease  | 1,649,869                   | 5.2%      | 1,596,214                   | 5.0%      | 1,515,835                   | 4.7%      | 1,414,215                   | 4.4%      | 1,385,135                   | 4.3%      |
| Alzheimer's disease, related disorders, or senile dementia | 3,569,289                   | 11.3%     | 3,585,024                   | 11.2%     | 3,551,009                   | 11.1%     | 3,463,908                   | 10.8%     | 3,474,060                   | 10.8%     |
| Anemia   | 7,866,692                   | 24.9%     | 7,831,930                   | 24.6%     | 7,689,519                   | 23.9%     | 7,481,006                   | 23.4%     | 7,362,976                   | 22.9%     |
| Asthma   | 1,596,843                   | 5.0%      | 1,639,648                   | 5.1%      | 1,696,716                   | 5.3%      | 1,713,081                   | 5.3%      | 1,756,685                   | 5.5%      |
| Atrial fibrillation  | 2,625,852                   | 8.3%      | 2,672,647                   | 8.4%      | 2,715,050                   | 8.5%      | 2,739,534                   | 8.6%      | 2,789,063                   | 8.7%      |
| Benign prostatic hyperplasia <sup>▲</sup>                  | 1,998,877                   | 14.3%     | 2,032,585                   | 14.3%     | 2,108,288                   | 14.7%     | 2,132,621                   | 14.8%     | 2,241,647                   | 15.5%     |
| Cancer, breast (female) <sup>‡</sup>                       | 942,537                     | 5.3%      | 959,243                     | 5.4%      | 972,486                     | 5.5%      | 976,598                     | 5.5%      | 997,882                     | 5.6%      |
| Cancer, breast (male) <sup>▲</sup>                         | 8,035                       | 0.1%      | 8,215                       | 0.1%      | 8,342                       | 0.1%      | 8,397                       | 0.1%      | 8,495                       | 0.1%      |
| Cancer, colorectal   | 437,665                     | 1.4%      | 429,617                     | 1.3%      | 421,768                     | 1.3%      | 408,075                     | 1.3%      | 406,155                     | 1.3%      |
| Cancer, endometrial <sup>‡</sup>                           | 91,738                      | 0.5%      | 95,554                      | 0.5%      | 98,066                      | 0.6%      | 100,293                     | 0.6%      | 105,032                     | 0.6%      |
| Cancer, lung   | 345,440                     | 1.1%      | 347,272                     | 1.1%      | 346,189                     | 1.1%      | 344,399                     | 1.1%      | 348,239                     | 1.1%      |
| Cancer, prostate <sup>▲</sup>                              | 1,053,720                   | 7.5%      | 1,038,454                   | 7.3%      | 1,031,759                   | 7.2%      | 1,010,383                   | 7.0%      | 1,016,376                   | 7.0%      |
| Cataract   | 6,138,667                   | 19.4%     | 6,076,757                   | 19.1%     | 6,031,317                   | 18.8%     | 5,859,189                   | 18.3%     | 5,834,323                   | 18.1%     |
| Chronic kidney disease                                     | 4,992,792                   | 15.8%     | 5,254,359                   | 16.5%     | 5,471,390                   | 17.0%     | 5,649,152                   | 17.6%     | 6,228,879                   | 19.4%     |
| Chronic obstructive pulmonary disease                      | 3,827,317                   | 12.1%     | 3,823,489                   | 12.0%     | 3,819,839                   | 11.9%     | 3,762,650                   | 11.7%     | 3,850,136                   | 12.0%     |
| Depression   | 4,950,029                   | 15.6%     | 5,164,459                   | 16.2%     | 5,332,925                   | 16.6%     | 5,485,465                   | 17.1%     | 5,741,768                   | 17.8%     |
| Diabetes   | 8,979,938                   | 28.4%     | 9,085,499                   | 28.5%     | 9,110,312                   | 28.4%     | 9,051,458                   | 28.3%     | 9,062,604                   | 28.2%     |
| Glaucoma   | 3,255,055                   | 10.3%     | 3,207,017                   | 10.1%     | 3,200,952                   | 10.0%     | 3,173,578                   | 9.9%      | 3,081,627                   | 9.6%      |
| Heart failure  | 5,086,793                   | 16.1%     | 4,964,025                   | 15.6%     | 4,823,634                   | 15.0%     | 4,687,295                   | 14.6%     | 4,652,637                   | 14.5%     |
| Hip/Pelvic fracture  | 269,361                     | 0.9%      | 261,425                     | 0.8%      | 259,653                     | 0.8%      | 258,774                     | 0.8%      | 254,791                     | 0.8%      |
| Hyperlipidemia   | 14,874,089                  | 47.0%     | 15,073,632                  | 47.3%     | 15,243,722                  | 47.5%     | 15,149,531                  | 47.3%     | 15,216,792                  | 47.3%     |
| Hypertension   | 18,538,779                  | 58.6%     | 18,683,755                  | 58.6%     | 18,804,701                  | 58.5%     | 18,663,558                  | 58.3%     | 18,750,064                  | 58.3%     |
| Ischemic heart disease                                     | 9,812,593                   | 31.0%     | 9,675,396                   | 30.3%     | 9,454,965                   | 29.4%     | 9,196,730                   | 28.7%     | 9,083,042                   | 28.2%     |
| Osteoporosis   | 2,288,545                   | 7.2%      | 2,167,775                   | 6.8%      | 2,083,998                   | 6.5%      | 2,038,716                   | 6.4%      | 2,066,638                   | 6.4%      |

| Chronic condition**                 | 2011 numerator <sup>#</sup> | 2011 rate | 2012 numerator <sup>#</sup> | 2012 rate | 2013 numerator <sup>#</sup> | 2013 rate | 2014 numerator <sup>#</sup> | 2014 rate | 2015 numerator <sup>#</sup> | 2015 rate |
|-------------------------------------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|
| Rheumatoid arthritis/Osteoarthritis | 9,580,977                   | 30.3%     | 9,851,000                   | 30.9%     | 9,993,880                   | 31.1%     | 10,053,514                  | 31.4%     | 10,342,805                  | 32.1%     |
| Stroke/Transient ischemic attack    | 1,309,956                   | 4.1%      | 1,296,511                   | 4.1%      | 1,279,697                   | 4.0%      | 1,274,536                   | 4.0%      | 1,270,383                   | 3.9%      |

\* Includes all Medicare beneficiaries who were eligible for or enrolled in Medicare on or after January 1, YYYY. The Chronic Conditions Warehouse (CCW) team calculates period prevalence for these rates: beneficiaries with full or nearly full FFS coverage during the year who had claim(s) for the condition within the condition-specified look back period (27 CCW Chronic Conditions have a one- to three-year look-back period). Refer to the algorithm specifications on the [Chronic Conditions page](#) of the CCW website.

\*\* The CCW team may have counted beneficiaries in more than one chronic condition category.

† Includes beneficiaries with full or nearly full FFS coverage (i.e., 11 or 12 months of Medicare Parts A and B [or coverage until time of death] and one month or less of health maintenance organization [HMO] coverage).

‡ Includes only females for cancer, endometrial and female breast.

▲ Includes only males for benign prostatic hyperplasia and cancer, prostate and cancer, male breast.

# The CCW team defines the numerator as evidence of claims for the condition.

**NOTE:** The application of different Medicare coverage restrictions/criteria will impact the size of these samples.

**Table B.2.c.** Medicare beneficiary prevalence\* for 27 chronic conditions\*\* using fee-for-service (FFS) claims, 2011–2020

| Totals                    | 2016 denominator <sup>#</sup> | 2016 percent | 2017 denominator <sup>#</sup> | 2017 percent | 2018 denominator <sup>#</sup> | 2018 percent | 2019 denominator <sup>#</sup> | 2019 percent | 2020 denominator <sup>#</sup> | 2020 percent |
|---------------------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|-------------------------------|--------------|
| Total <sup>†</sup>        | 32,607,998                    | 100%         | 32,483,529                    | 100%         | 32,184,841                    | 100%         | 31,860,990                    | 100%         | 31,187,299                    | 100%         |
| Females only <sup>‡</sup> | 17,927,869                    | 55.0%        | 17,820,358                    | 54.9%        | 17,626,850                    | 54.8%        | 17,412,231                    | 54.7%        | 17,027,561                    | 54.6%        |
| Males only <sup>▲</sup>   | 14,680,123                    | 45.0%        | 14,663,165                    | 45.1%        | 14,557,985                    | 45.2%        | 14,448,754                    | 45.3%        | 14,159,734                    | 45.4%        |

| Chronic condition**  | 2016 numerator <sup>#</sup> | 2016 rate | 2017 numerator <sup>#</sup> | 2017 rate | 2018 numerator <sup>#</sup> | 2018 rate | 2019 numerator <sup>#</sup> | 2019 rate | 2020 numerator <sup>#</sup> | 2020 rate |
|--|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|
| Acute myocardial infarction                                | 300,868                     | 0.9%      | 308,640                     | 1.0%      | 306,038                     | 1.0%      | 304,933                     | 1.0%      | 263,583                     | 0.8%      |
| Acquired hypothyroidism                                    | 5,154,798                   | 15.8%     | 5,179,377                   | 15.9%     | 5,223,485                   | 16.2%     | 5,262,192                   | 16.5%     | 4,916,834                   | 15.8%     |
| Alzheimer's disease  | 1,411,457                   | 4.3%      | 1,385,665                   | 4.3%      | 1,322,474                   | 4.1%      | 1,255,744                   | 3.9%      | 1,158,895                   | 3.7%      |
| Alzheimer's disease, related disorders, or senile dementia | 3,625,188                   | 11.1%     | 3,668,111                   | 11.3%     | 3,620,471                   | 11.2%     | 3,540,308                   | 11.1%     | 3,396,552                   | 10.9%     |
| Anemia   | 7,324,867                   | 22.5%     | 7,306,548                   | 22.5%     | 7,239,463                   | 22.5%     | 7,195,348                   | 22.6%     | 6,666,860                   | 21.4%     |
| Asthma   | 1,726,018                   | 5.3%      | 1,719,783                   | 5.3%      | 1,648,710                   | 5.1%      | 1,651,510                   | 5.2%      | 1,487,925                   | 4.8%      |
| Atrial fibrillation  | 2,806,954                   | 8.6%      | 2,811,985                   | 8.7%      | 2,806,009                   | 8.7%      | 2,805,567                   | 8.8%      | 2,577,248                   | 8.3%      |
| Benign prostatic hyperplasia <sup>▲</sup>                  | 2,372,143                   | 16.2%     | 2,466,882                   | 16.8%     | 2,513,186                   | 17.3%     | 2,604,982                   | 18.0%     | 2,458,050                   | 17.4%     |
| Cancer, breast (female) <sup>‡</sup>                       | 1,023,455                   | 5.7%      | 1,039,940                   | 5.8%      | 1,052,717                   | 6.0%      | 1,072,697                   | 6.2%      | 999,031                     | 5.9%      |
| Cancer, breast (male) <sup>▲</sup>                         | 8,548                       | 0.1%      | 8,801                       | 0.1%      | 8,863                       | 0.1%      | 9,027                       | 0.1%      | 8,294                       | 0.1%      |
| Cancer, colorectal   | 404,897                     | 1.2%      | 402,658                     | 1.2%      | 397,189                     | 1.2%      | 393,852                     | 1.2%      | 353,886                     | 1.1%      |
| Cancer, endometrial <sup>‡</sup>                           | 112,644                     | 0.6%      | 117,856                     | 0.7%      | 121,327                     | 0.7%      | 125,525                     | 0.7%      | 114,882                     | 0.7%      |
| Cancer, lung   | 351,744                     | 1.1%      | 356,189                     | 1.1%      | 359,102                     | 1.1%      | 365,414                     | 1.1%      | 344,633                     | 1.1%      |
| Cancer, prostate <sup>▲</sup>                              | 1,041,335                   | 7.1%      | 1,055,251                   | 7.2%      | 1,067,853                   | 7.3%      | 1,091,738                   | 7.6%      | 1,039,020                   | 7.3%      |
| Cataract   | 5,856,642                   | 18.0%     | 5,787,577                   | 17.8%     | 5,685,874                   | 17.7%     | 5,614,119                   | 17.6%     | 4,500,894                   | 14.4%     |
| Chronic kidney disease                                     | 7,531,754                   | 23.1%     | 8,048,628                   | 24.8%     | 8,145,457                   | 25.3%     | 8,280,804                   | 26.0%     | 8,176,935                   | 26.2%     |
| Chronic obstructive pulmonary disease                      | 3,927,067                   | 12.0%     | 3,926,203                   | 12.1%     | 3,820,446                   | 11.9%     | 3,730,918                   | 11.7%     | 3,230,078                   | 10.4%     |
| Depression   | 5,812,110                   | 17.8%     | 5,966,519                   | 18.4%     | 6,066,669                   | 18.8%     | 6,172,840                   | 19.4%     | 5,773,743                   | 18.5%     |
| Diabetes   | 9,163,634                   | 28.1%     | 9,081,954                   | 28.0%     | 8,919,842                   | 27.7%     | 8,771,622                   | 27.5%     | 8,417,138                   | 27.0%     |
| Glaucoma   | 2,392,332                   | 7.3%      | 3,107,902                   | 9.6%      | 3,080,540                   | 9.6%      | 3,068,702                   | 9.6%      | 2,626,732                   | 8.4%      |
| Heart failure  | 4,690,896                   | 14.4%     | 4,665,730                   | 14.4%     | 4,655,713                   | 14.5%     | 4,657,176                   | 14.6%     | 4,451,718                   | 14.3%     |
| Hip/Pelvic fracture  | 234,798                     | 0.7%      | 239,523                     | 0.7%      | 236,967                     | 0.7%      | 235,452                     | 0.7%      | 213,567                     | 0.7%      |
| Hyperlipidemia   | 15,146,099                  | 46.4%     | 15,686,586                  | 48.3%     | 15,787,069                  | 49.1%     | 15,925,681                  | 50.0%     | 14,958,343                  | 48.0%     |
| Hypertension   | 19,105,483                  | 58.6%     | 19,060,192                  | 58.7%     | 18,938,578                  | 58.8%     | 18,792,401                  | 59.0%     | 17,436,164                  | 55.9%     |
| Ischemic heart disease                                     | 9,122,052                   | 28.0%     | 9,018,718                   | 27.8%     | 8,917,499                   | 27.7%     | 8,856,093                   | 27.8%     | 8,515,380                   | 27.3%     |
| Osteoporosis   | 2,082,581                   | 6.4%      | 2,137,230                   | 6.6%      | 2,190,226                   | 6.8%      | 2,291,912                   | 7.2%      | 2,124,221                   | 6.8%      |

| Chronic condition**                 | 2016 numerator <sup>#</sup> | 2016 rate | 2017 numerator <sup>#</sup> | 2017 rate | 2018 numerator <sup>#</sup> | 2018 rate | 2019 numerator <sup>#</sup> | 2019 rate | 2020 numerator <sup>#</sup> | 2020 rate |
|-------------------------------------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|-----------------------------|-----------|
| Rheumatoid arthritis/Osteoarthritis | 10,908,057                  | 33.5%     | 11,108,321                  | 34.2%     | 11,152,441                  | 34.7%     | 11,209,201                  | 35.2%     | 10,609,109                  | 34.0%     |
| Stroke/Transient ischemic attack    | 1,262,036                   | 3.9%      | 1,270,729                   | 3.9%      | 1,256,114                   | 3.9%      | 1,238,014                   | 3.9%      | 1,134,822                   | 3.6%      |

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