

Medicare Chronic Condition Counts

Table B.2.c. Medicare beneficiary prevalence* for 27 CCW chronic conditions** using fee-for-service (FFS) claims, 2012–2021

Totals	2012 denominator [#]	2012 percent	2013 denominator [#]	2013 percent	2014 denominator [#]	2014 percent	2015 denominator [#]	2015 percent	2016 denominator [#]	2016 percent
Total [†]	31,895,335	100%	32,124,150	100%	32,034,955	100%	32,179,757	100%	32,607,998	100%
Females only [‡]	17,728,107	55.6%	17,785,793	55.4%	17,670,710	55.2%	17,714,337	55.0%	17,927,869	55.0%
Males only [▲]	14,167,225	44.4%	14,338,355	44.6%	14,364,241	44.8%	14,465,415	45.0%	14,680,123	45.0%

Chronic condition**	2012 numerator [#]	2012 rate	2013 numerator [#]	2013 rate	2014 numerator [#]	2014 rate	2015 numerator [#]	2015 rate	2016 numerator [#]	2016 rate
Acute myocardial infarction	290,669	0.9%	281,449	0.9%	273,188	0.9%	281,530	0.9%	300,868	0.9%
Acquired hypothyroidism	4,677,556	14.7%	4,830,009	15.0%	4,915,127	15.3%	5,010,087	15.6%	5,154,798	15.8%
Alzheimer's disease	1,596,214	5.0%	1,515,835	4.7%	1,414,215	4.4%	1,385,135	4.3%	1,411,457	4.3%
Alzheimer's disease, related disorders, or senile dementia	3,585,024	11.2%	3,551,009	11.1%	3,463,908	10.8%	3,474,060	10.8%	3,625,188	11.1%
Anemia	7,831,930	24.6%	7,689,519	23.9%	7,481,006	23.4%	7,362,976	22.9%	7,324,867	22.5%
Asthma	1,639,648	5.1%	1,696,716	5.3%	1,713,081	5.3%	1,756,685	5.5%	1,726,018	5.3%
Atrial fibrillation	2,672,647	8.4%	2,715,050	8.5%	2,739,534	8.6%	2,789,063	8.7%	2,806,954	8.6%
Benign prostatic hyperplasia [▲]	2,032,585	14.3%	2,108,288	14.7%	2,132,621	14.8%	2,241,647	15.5%	2,372,143	16.2%
Cancer, breast (female) [‡]	959,243	5.4%	972,486	5.5%	976,598	5.5%	997,882	5.6%	1,023,455	5.7%
Cancer, breast (male) [▲]	8,215	0.1%	8,342	0.1%	8,397	0.1%	8,495	0.1%	8,548	0.1%
Cancer, colorectal	429,617	1.3%	421,768	1.3%	408,075	1.3%	406,155	1.3%	404,897	1.2%
Cancer, endometrial [‡]	95,554	0.5%	98,066	0.6%	100,293	0.6%	105,032	0.6%	112,644	0.6%
Cancer, lung	347,272	1.1%	346,189	1.1%	344,399	1.1%	348,239	1.1%	351,744	1.1%
Cancer, prostate [▲]	1,038,454	7.3%	1,031,759	7.2%	1,010,383	7.0%	1,016,376	7.0%	1,041,335	7.1%
Cataract	6,076,757	19.1%	6,031,317	18.8%	5,859,189	18.3%	5,834,323	18.1%	5,856,642	18.0%
Chronic kidney disease	5,254,359	16.5%	5,471,390	17.0%	5,649,152	17.6%	6,228,879	19.4%	7,531,754	23.1%
Chronic obstructive pulmonary disease	3,823,489	12.0%	3,819,839	11.9%	3,762,650	11.7%	3,850,136	12.0%	3,927,067	12.0%
Depression	5,164,459	16.2%	5,332,925	16.6%	5,485,465	17.1%	5,741,768	17.8%	5,812,110	17.8%
Diabetes	9,085,499	28.5%	9,110,312	28.4%	9,051,458	28.3%	9,062,604	28.2%	9,163,634	28.1%
Glaucoma	3,207,017	10.1%	3,200,952	10.0%	3,173,578	9.9%	3,081,627	9.6%	2,392,332	7.3%
Heart failure	4,964,025	15.6%	4,823,634	15.0%	4,687,295	14.6%	4,652,637	14.5%	4,690,896	14.4%
Hip/Pelvic fracture	261,425	0.8%	259,653	0.8%	258,774	0.8%	254,791	0.8%	234,798	0.7%
Hyperlipidemia	15,073,632	47.3%	15,243,722	47.5%	15,149,531	47.3%	15,216,792	47.3%	15,146,099	46.4%
Hypertension	18,683,755	58.6%	18,804,701	58.5%	18,663,558	58.3%	18,750,064	58.3%	19,105,483	58.6%
Ischemic heart disease	9,675,396	30.3%	9,454,965	29.4%	9,196,730	28.7%	9,083,042	28.2%	9,122,052	28.0%
Osteoporosis	2,167,775	6.8%	2,083,998	6.5%	2,038,716	6.4%	2,066,638	6.4%	2,082,581	6.4%

Chronic condition**	2012 numerator [#]	2012 rate	2013 numerator [#]	2013 rate	2014 numerator [#]	2014 rate	2015 numerator [#]	2015 rate	2016 numerator [#]	2016 rate
Rheumatoid arthritis/Osteoarthritis	9,851,000	30.9%	9,993,880	31.1%	10,053,514	31.4%	10,342,805	32.1%	10,908,057	33.5%
Stroke/Transient ischemic attack	1,296,511	4.1%	1,279,697	4.0%	1,274,536	4.0%	1,270,383	3.9%	1,262,036	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, 2012–2021

Totals	2017 denominator#	2017 percent	2018 denominator#	2018 percent	2019 denominator#	2019 percent	2020 denominator#	2020 percent	2021 denominator#	2021 percent
Total†	32,483,529	100%	32,184,841	100%	31,860,990	100%	31,187,299	100%	29,757,982	100.0%
Females only‡	17,820,358	54.9%	17,626,850	54.8%	17,412,231	54.7%	17,027,561	54.6%	16,255,376	54.6%
Males only▲	14,663,165	45.1%	14,557,985	45.2%	14,448,754	45.3%	14,159,734	45.4%	13,502,599	45.4%

Chronic condition**	2017 numerator#	2017 rate	2018 numerator#	2018 rate	2019 numerator#	2019 rate	2020 numerator#	2020 rate	2021 numerator#	2021 rate
Acute myocardial infarction	308,640	1.0%	306,038	1.0%	304,933	1.0%	263,583	0.8%	256,098	0.9%
Acquired hypothyroidism	5,179,377	15.9%	5,223,485	16.2%	5,262,192	16.5%	4,916,834	15.8%	4,910,650	16.5%
Alzheimer's disease	1,385,665	4.3%	1,322,474	4.1%	1,255,744	3.9%	1,158,895	3.7%	1,019,549	3.4%
Alzheimer's disease, related disorders, or senile dementia	3,668,111	11.3%	3,620,471	11.2%	3,540,308	11.1%	3,396,552	10.9%	3,161,853	10.6%
Anemia	7,306,548	22.5%	7,239,463	22.5%	7,195,348	22.6%	6,666,860	21.4%	6,593,360	22.2%
Asthma	1,719,783	5.3%	1,648,710	5.1%	1,651,510	5.2%	1,487,925	4.8%	1,468,646	4.9%
Atrial fibrillation	2,811,985	8.7%	2,806,009	8.7%	2,805,567	8.8%	2,577,248	8.3%	2,563,519	8.6%
Benign prostatic hyperplasia▲	2,466,882	16.8%	2,513,186	17.3%	2,604,982	18.0%	2,458,050	17.4%	2,556,613	18.9%
Cancer, breast (female)‡	1,039,940	5.8%	1,052,717	6.0%	1,072,697	6.2%	999,031	5.9%	1,018,542	6.3%
Cancer, breast (male)▲	8,801	0.1%	8,863	0.1%	9,027	0.1%	8,294	0.1%	8,281	0.1%
Cancer, colorectal	402,658	1.2%	397,189	1.2%	393,852	1.2%	353,886	1.1%	347,614	1.2%
Cancer, endometrial‡	117,856	0.7%	121,327	0.7%	125,525	0.7%	114,882	0.7%	119,882	0.7%
Cancer, lung	356,189	1.1%	359,102	1.1%	365,414	1.1%	344,633	1.1%	336,072	1.1%
Cancer, prostate▲	1,055,251	7.2%	1,067,853	7.3%	1,091,738	7.6%	1,039,020	7.3%	1,049,967	7.8%
Cataract	5,787,577	17.8%	5,685,874	17.7%	5,614,119	17.6%	4,500,894	14.4%	5,085,477	17.1%
Chronic kidney disease	8,048,628	24.8%	8,145,457	25.3%	8,280,804	26.0%	8,176,935	26.2%	7,839,183	26.3%
Chronic obstructive pulmonary disease	3,926,203	12.1%	3,820,446	11.9%	3,730,918	11.7%	3,230,078	10.4%	2,990,477	10.0%
Depression	5,966,519	18.4%	6,066,669	18.8%	6,172,840	19.4%	5,773,743	18.5%	5,439,654	18.3%
Diabetes	9,081,954	28.0%	8,919,842	27.7%	8,771,622	27.5%	8,417,138	27.0%	7,873,295	26.5%
Glaucoma	3,107,902	9.6%	3,080,540	9.6%	3,068,702	9.6%	2,626,732	8.4%	2,756,467	9.3%
Heart failure	4,665,730	14.4%	4,655,713	14.5%	4,657,176	14.6%	4,451,718	14.3%	4,159,457	14.0%
Hip/Pelvic fracture	239,523	0.7%	236,967	0.7%	235,452	0.7%	213,567	0.7%	205,730	0.7%
Hyperlipidemia	15,686,586	48.3%	15,787,069	49.1%	15,925,681	50.0%	14,958,343	48.0%	15,174,879	51.0%
Hypertension	19,060,192	58.7%	18,938,578	58.8%	18,792,401	59.0%	17,436,164	55.9%	17,133,155	57.6%
Ischemic heart disease	9,018,718	27.8%	8,917,499	27.7%	8,856,093	27.8%	8,515,380	27.3%	8,075,771	27.1%
Osteoporosis	2,137,230	6.6%	2,190,226	6.8%	2,291,912	7.2%	2,124,221	6.8%	2,285,483	7.7%

Chronic condition**	2017 numerator [#]	2017 rate	2018 numerator [#]	2018 rate	2019 numerator [#]	2019 rate	2020 numerator [#]	2020 rate	2021 numerator [#]	2021 rate
Rheumatoid arthritis/Osteoarthritis	11,108,321	34.2%	11,152,441	34.7%	11,209,201	35.2%	10,609,109	34.0%	10,017,199	33.7%
Stroke/Transient ischemic attack	1,270,729	3.9%	1,256,114	3.9%	1,238,014	3.9%	1,134,822	3.6%	1,123,721	3.8%

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