

CMS Chronic Condition Data Warehouse (CCW)
Medicare Beneficiary Prevalence* for Chronic Conditions† for 2008 Through 2017

Table B.2.a

Chronic Condition †	2008		2009		2010		2011		2012	
Total Denominator‡	31,079,163		30,920,017		31,314,176		31,640,661		31,895,335	
Denominator - Females Only▲	17,459,300	56.2%	17,339,665	56.1%	17,512,518	55.9%	17,638,876	55.7%	17,728,107	55.6%
Denominator - Males Only∞	13,619,863	43.8%	13,580,352	43.9%	13,801,651	44.1%	14,001,783	44.3%	14,167,225	44.4%
	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate
Acute Myocardial Infarction	305,722	1.0%	289,910	0.9%	297,423	1.0%	296,645	0.9%	290,669	0.9%
Acquired Hypothyroidism	3,834,678	12.3%	3,996,262	12.9%	4,217,018	13.5%	4,503,036	14.2%	4,677,556	14.7%
Alzheimer's Disease	1,638,947	5.3%	1,642,997	5.3%	1,652,786	5.3%	1,649,869	5.2%	1,596,214	5.0%
Alzheimer's Disease, Related Disorders, or Senile Dementia	3,435,415	11.1%	3,459,476	11.2%	3,523,798	11.3%	3,569,289	11.3%	3,585,024	11.2%
Anemia	7,335,586	23.6%	7,471,092	24.2%	7,651,703	24.4%	7,866,692	24.9%	7,831,930	24.6%
Asthma	1,398,595	4.5%	1,439,247	4.7%	1,496,318	4.8%	1,596,843	5.0%	1,639,648	5.1%
Atrial Fibrillation	2,410,074	7.8%	2,453,428	7.9%	2,541,824	8.1%	2,625,852	8.3%	2,672,647	8.4%
Benign Prostatic Hyperplasia∞	1,735,865	12.7%	1,787,414	13.2%	1,848,091	13.4%	1,998,877	14.3%	2,032,585	14.3%
Cancer, Colorectal	422,219	1.4%	408,451	1.3%	403,456	1.3%	437,665	1.4%	429,617	1.3%
Cancer, Endometrial▲	69,978	0.4%	70,733	0.4%	74,094	0.4%	91,738	0.5%	95,554	0.5%
Cancer, Female Breast▲	847,057	4.9%	856,125	4.9%	872,616	5.0%	942,537	5.3%	959,243	5.4%
Cancer, Male Breast∞	6,580	0.0%	6,724	0.1%	6,996	0.1%	8,035	0.1%	8,215	0.1%
Cancer, Lung	330,088	1.1%	329,959	1.1%	332,889	1.1%	345,440	1.1%	347,272	1.1%
Cancer, Prostate∞	1,013,574	7.4%	1,001,232	7.4%	1,004,893	7.3%	1,053,720	7.5%	1,038,454	7.3%
Cataract	6,535,004	21.0%	6,415,275	20.7%	6,247,285	20.0%	6,138,667	19.4%	6,076,757	19.1%
Chronic Kidney Disease	3,955,535	12.7%	4,259,869	13.8%	4,629,584	14.8%	4,992,792	15.8%	5,254,359	16.5%
Chronic Obstructive Pulmonary Disease	3,654,365	11.8%	3,642,977	11.8%	3,691,726	11.8%	3,827,317	12.1%	3,823,489	12.0%
Depression	4,082,079	13.1%	4,270,639	13.8%	4,517,044	14.4%	4,950,029	15.6%	5,164,459	16.2%
Diabetes	8,328,172	26.8%	8,475,326	27.4%	8,728,852	27.9%	8,979,938	28.4%	9,085,499	28.5%
Glaucoma	3,205,933	10.3%	3,231,317	10.5%	3,249,472	10.4%	3,255,055	10.3%	3,207,017	10.1%
Heart Failure	5,248,566	16.9%	5,133,814	16.6%	5,107,863	16.3%	5,086,793	16.1%	4,964,025	15.6%
Hip/Pelvic Fracture	278,530	0.9%	276,552	0.9%	271,384	0.9%	269,361	0.9%	261,425	0.8%
Hyperlipidemia	13,349,197	43.0%	13,780,544	44.6%	14,294,084	45.6%	14,874,089	47.0%	15,073,632	47.3%
Hypertension	17,534,615	56.4%	17,802,756	57.6%	18,217,749	58.2%	18,538,779	58.6%	18,683,755	58.6%
Ischemic Heart Disease	9,960,557	32.0%	9,856,441	31.9%	9,838,376	31.4%	9,812,593	31.0%	9,675,396	30.3%
Osteoporosis	2,167,997	7.0%	2,215,247	7.2%	2,237,593	7.1%	2,288,545	7.2%	2,167,775	6.8%
Rheumatoid Arthritis / Osteoarthritis	8,701,272	28.0%	8,922,588	28.9%	9,216,939	29.4%	9,580,977	30.3%	9,851,000	30.9%
Stroke / Transient Ischemic Attack	1,351,710	4.3%	1,327,062	4.3%	1,324,330	4.2%	1,309,956	4.1%	1,296,511	4.1%

Footnotes:

* Includes all Medicare beneficiaries who were eligible for or enrolled in Medicare on or after January 1, YYYY. Period prevalence is calculated for these rates: beneficiaries with full or nearly full fee-for-service (FFS) coverage during the year who received treatment for the condition within the condition-specified look back period (chronic conditions have a 1 to 3 year look back period). Please refer to the CCW Condition Categories for more information.

† Beneficiaries may be counted in more than one chronic condition category.

‡ Denominator: 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 HMO coverage).

▲ Denominator includes only females for *Cancer, Endometrial* and *Female Breast*.

∞ Denominator includes only males for *Benign Prostatic Hyperplasia* and *Cancer, Prostate* and *Cancer, Male Breast*.

**Numerator is defined as evidence of treatment for the condition.

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

Report Run Date: 04/30/2019

CMS Chronic Condition Data Warehouse (CCW)
Medicare Beneficiary Prevalence* for Chronic Conditions† for 2008 Through 2017

Table B.2.a

Chronic Condition †	2013		2014		2015		2016		2017	
Total Denominator‡	32,124,150		32,034,955		32,179,757		32,607,998		32,483,529	
Denominator - Females Only▲	17,785,793	55.4%	17,670,710	55.2%	17,714,337	55.0%	17,927,869	55.0%	17,820,358	54.9%
Denominator - Males Only∞	14,338,355	44.6%	14,364,241	44.8%	14,465,415	45.0%	14,680,123	45.0%	14,663,165	45.1%
	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate	Numerator**	Rate
Acute Myocardial Infarction	281,449	0.9%	273,188	0.9%	281,530	0.9%	300,868	0.9%	308,640	1.0%
Acquired Hypothyroidism	4,830,009	15.0%	4,915,127	15.3%	5,010,087	15.6%	5,154,798	15.8%	5,179,377	15.9%
Alzheimer's Disease	1,515,835	4.7%	1,414,215	4.4%	1,385,135	4.3%	1,411,457	4.3%	1,385,665	4.3%
Alzheimer's Disease, Related Disorders, or Senile Dementia	3,551,009	11.1%	3,463,908	10.8%	3,474,060	10.8%	3,625,188	11.1%	3,668,111	11.3%
Anemia	7,689,519	23.9%	7,481,006	23.4%	7,362,976	22.9%	7,324,867	22.5%	7,306,548	22.5%
Asthma	1,696,716	5.3%	1,713,081	5.3%	1,756,685	5.5%	1,726,018	5.3%	1,719,783	5.3%
Atrial Fibrillation	2,715,050	8.5%	2,739,534	8.6%	2,789,063	8.7%	2,806,954	8.6%	2,811,985	8.7%
Benign Prostatic Hyperplasia∞	2,108,288	14.7%	2,132,621	14.8%	2,241,647	15.5%	2,372,143	16.2%	2,466,882	16.8%
Cancer, Colorectal	421,768	1.3%	408,075	1.3%	406,155	1.3%	404,897	1.2%	402,658	1.2%
Cancer, Endometrial▲	98,066	0.6%	100,293	0.6%	105,032	0.6%	112,644	0.6%	117,856	0.7%
Cancer, Female Breast▲	972,486	5.5%	976,598	5.5%	997,882	5.6%	1,023,455	5.7%	1,039,940	5.8%
Cancer, Male Breast∞	8,342	0.1%	8,397	0.1%	8,495	0.1%	8,548	0.1%	8,801	0.1%
Cancer, Lung	346,189	1.1%	344,399	1.1%	348,239	1.1%	351,744	1.1%	356,189	1.1%
Cancer, Prostate∞	1,031,759	7.2%	1,010,383	7.0%	1,016,376	7.0%	1,041,335	7.1%	1,055,251	7.2%
Cataract	6,031,317	18.8%	5,859,189	18.3%	5,834,323	18.1%	5,856,642	18.0%	5,787,577	17.8%
Chronic Kidney Disease	5,471,390	17.0%	5,649,152	17.6%	6,228,879	19.4%	7,531,754	23.1%	8,048,628	24.8%
Chronic Obstructive Pulmonary Disease	3,819,839	11.9%	3,762,650	11.7%	3,850,136	12.0%	3,927,067	12.0%	3,926,203	12.1%
Depression	5,332,925	16.6%	5,485,465	17.1%	5,741,768	17.8%	5,812,110	17.8%	5,966,519	18.4%
Diabetes	9,110,312	28.4%	9,051,458	28.3%	9,062,604	28.2%	9,163,634	28.1%	9,081,954	28.0%
Glaucoma	3,200,952	10.0%	3,173,578	9.9%	3,081,627	9.6%	2,392,332	7.3%	3,107,902	9.6%
Heart Failure	4,823,634	15.0%	4,687,295	14.6%	4,652,637	14.5%	4,690,896	14.4%	4,665,730	14.4%
Hip/Pelvic Fracture	259,653	0.8%	258,774	0.8%	254,791	0.8%	234,798	0.7%	239,523	0.7%
Hyperlipidemia	15,243,722	47.5%	15,149,531	47.3%	15,216,792	47.3%	15,146,099	46.4%	15,686,586	48.3%
Hypertension	18,804,701	58.5%	18,663,558	58.3%	18,750,064	58.3%	19,105,483	58.6%	19,060,192	58.7%
Ischemic Heart Disease	9,454,965	29.4%	9,196,730	28.7%	9,083,042	28.2%	9,122,052	28.0%	9,018,718	27.8%
Osteoporosis	2,083,998	6.5%	2,038,716	6.4%	2,066,638	6.4%	2,082,581	6.4%	2,137,230	6.6%
Rheumatoid Arthritis / Osteoarthritis	9,993,880	31.1%	10,053,514	31.4%	10,342,805	32.1%	10,908,057	33.5%	11,108,321	34.2%
Stroke / Transient Ischemic Attack	1,279,697	4.0%	1,274,536	4.0%	1,270,383	3.9%	1,262,036	3.9%	1,270,729	3.9%

Footnotes:

* Includes all Medicare beneficiaries who were eligible for or enrolled in Medicare on or after January 1, YYYY. Period prevalence is calculated for these rates: beneficiaries with full or nearly full fee-for-service (FFS) coverage during the year who received treatment for the condition within the condition-specified look back period (chronic conditions have a 1 to 3 year look back period). Please refer to the CCW Condition Categories for more information.

† Beneficiaries may be counted in more than one chronic condition category.

‡ Denominator: 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 HMO coverage).

▲ Denominator includes only females for *Cancer, Endometrial* and *Female Breast*.

∞ Denominator includes only males for *Benign Prostatic Hyperplasia* and *Cancer, Prostate* and *Cancer, Male Breast*.

**Numerator is defined as evidence of treatment for the condition.

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

Report Run Date: 04/30/2019