

Table 1A: Number of Chronic Conditions, Patients with COPD and Asthma, 2015

Chronic Conditions (N)	All COPD		COPD/No Asthma		All Asthma		Asthma/No COPD		COPD-Asthma	
	N	%	N	%	N	%	N	%	N	%
1	70,751	1.69	70,751	3.05	52,984	1.73	52,984	4.46	0	0.00
2	174,104	4.15	146,183	6.30	134,007	4.38	106,086	8.93	27,921	1.49
3	288,956	6.89	221,943	9.56	215,981	7.06	148,968	12.54	67,013	3.58
4	394,508	9.41	281,189	12.12	290,195	9.49	176,876	14.89	113,319	6.06
5	468,218	11.17	305,858	13.18	341,250	11.16	178,890	15.06	162,360	8.68
6	496,003	11.83	295,493	12.73	356,914	11.67	156,404	13.17	200,510	10.71
7	489,393	11.67	266,765	11.49	347,435	11.36	124,807	10.51	222,628	11.90
8	456,559	10.89	227,897	9.82	321,316	10.50	92,654	7.80	228,662	12.22
9	404,239	9.64	183,840	7.92	284,249	9.29	63,850	5.38	220,399	11.78
10	335,178	7.99	135,870	5.85	240,638	7.87	41,330	3.48	199,308	10.65
11	254,563	6.07	90,664	3.91	187,477	6.13	23,578	1.99	163,899	8.76
12	172,623	4.12	52,091	2.24	133,066	4.35	12,534	1.06	120,532	6.44
13	102,960	2.46	26,477	1.14	82,012	2.68	5,529	0.47	76,483	4.09
14	52,182	1.24	10,887	0.47	43,526	1.42	2,231	0.19	41,295	2.21
15	22,043	0.53	3,793	0.16	18,943	0.62	693	0.06	18,250	0.98
16	7,560	0.18	1,022	0.04	6,710	0.22	172	0.01	6,538	0.35
17	2,075	0.05	220	0.01	1,881	0.06	26	<0.00	1,855	0.10
18	429	0.01	36	<0.00	401	0.01	8	<0.00	393	0.02
19	78	<0.00	5	<0.00	74	<0.00	1	<0.00	73	<0.00
20	11	<0.00	0	0.00	11	<0.00	0	0.00	11	<0.00

Source: CCW VRDC 100% Chronic Conditions File, 2015

Notes: Includes FFS Beneficiaries with Medicare Part A, B. Excludes beneficiaries with ESRD and those residing outside the 50 States or DC. Chronic conditions in the CCW are based on diagnostic criteria; flags take one of four values: 0 - diagnostic criteria are not met and there are insufficient months in the lookback period to determine the presence of the condition; 2 - diagnostic criteria are not met, and there are sufficient months in the lookback period to determine the presence of the condition, 1 & 3 - diagnostic criteria are met, whether or not there are sufficient months in the lookback period. In this table, the presence of a condition is equated to a year-end condition flag value of 1 or 3.

Table 1B: Presence of Chronic Conditions, Medicare Fee-for-Service Beneficiaries with COPD, Asthma and COPD-Asthma, 2015

Chronic Conditions (CC)	All COPD N = 4,192,433			COPD, No Asthma N = 2,320,984			All Asthma N = 3,059,070			Asthma, No COPD N = 1,187,621			COPD-Asthma N = 1,871,449		
	Has CC (Percent)	Does not have CC (Percent)	Cannot determine (percent)	Has CC (Percent)	Does not have CC (Percent)	Cannot determine (percent)	Has CC (Percent)	Does not have CC (Percent)	Cannot determine (percent)	Has CC (Percent)	Does not have CC (Percent)	Cannot determine (percent)	Has CC (Percent)	Does not have CC (Percent)	Cannot determine (percent)
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Atrial Fib.	17.1	73.6	9.3	15.5	75.1	9.5	15.0	75.0	10.0	8.6	80.0	11.5	19.0	71.8	9.2
Alzheimer's	6.5	72.7	20.8	6.3	73.0	20.8	5.3	71.2	23.6	3.0	69.1	28.0	6.8	72.5	20.8
Alzheimer's or Senile Dementia	18.9	62.5	18.6	17.5	63.6	18.9	15.9	62.5	21.6	8.6	64.6	26.8	20.5	61.2	18.4
AMI	2.6	87.2	10.2	2.2	87.6	10.2	2.3	86.9	10.8	1.0	87.1	12.0	3.1	86.8	10.1
Anemia	41.4	52.1	6.5	37.0	56.1	7.0	40.5	52.5	7.0	30.4	61.0	8.6	46.9	47.2	5.9
Asthma	44.6	49.6	5.8	0.0	89.6	10.4	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.0	0.0
Breast Cancer	3.7	86.2	10.2	3.3	86.5	10.2	4.2	85.1	10.7	4.5	83.9	11.7	4.1	85.8	10.1
Cataract	16.4	74.3	9.4	15.8	74.7	9.5	17.7	72.5	9.9	18.5	70.6	10.9	17.1	73.7	9.2
CHF	38.5	50.6	10.9	34.0	54.5	11.6	33.7	53.2	13.1	17.1	65.1	17.9	44.2	45.7	10.1
Chronic kidney disease	36.5	52.2	11.3	33.1	55.1	11.8	33.6	53.4	13.1	22.4	60.7	16.9	40.6	48.8	10.6
COPD	100.0	0.0	0.0	100.0	0.0	0.0	61.2	34.1	4.7	0.0	87.9	12.1	100.0	0.0	0.0
Colorectal cancer	2.1	87.6	10.2	2.0	87.7	10.3	1.9	87.3	10.9	1.3	86.8	11.9	2.3	87.5	10.2
Depression	32.4	60.6	7.1	27.6	64.9	7.6	35.1	57.8	7.2	30.0	61.6	8.4	38.3	55.3	6.4
Diabetes	39.3	50.8	10.0	36.4	53.1	10.5	39.6	49.3	11.0	34.7	51.6	13.7	42.8	47.9	9.4
Endometrial cancer	0.4	89.2	10.4	0.3	89.3	10.4	0.5	88.5	11.0	0.6	87.4	12.0	0.5	89.2	10.3
Glaucoma	8.4	81.7	9.9	8.1	82.0	10.0	9.4	80.2	10.4	10.3	78.3	11.4	8.8	81.4	9.8
Hip/pelvic fracture	1.9	87.8	10.3	1.6	88.1	10.3	1.7	87.4	10.9	0.8	87.2	12.0	2.3	87.5	10.2
Hyperlipidemia	60.6	34.1	5.3	57.3	36.9	5.8	61.3	33.3	5.4	55.9	37.5	6.6	64.7	30.6	4.7
Benign prostatic hyperplasia	11.3	79.3	9.5	10.6	79.8	9.6	9.7	80.1	10.2	6.0	82.5	11.5	12.1	78.6	9.3
Hypertension	79.6	17.7	2.8	76.0	20.7	3.3	78.8	18.4	2.9	70.5	25.4	4.1	84.0	13.9	2.1
Hypothyroidism	21.2	70.0	8.8	19.3	71.7	9.0	22.9	68.0	9.1	21.8	68.1	10.1	23.6	67.9	8.5
Ischemic heart disease	52.4	38.6	9.0	49.3	41.2	9.5	46.1	42.6	11.3	29.8	54.3	15.9	56.4	35.3	8.4
Lung cancer	5.3	84.8	9.9	5.2	84.9	10.0	3.5	85.7	10.7	0.8	87.3	12.0	5.3	84.8	9.9
Osteoporosis	10.4	80.0	9.6	9.0	81.3	9.8	10.9	79.0	10.2	8.6	80.1	11.3	12.3	78.3	9.4
Prostate cancer	3.8	86.1	10.2	3.9	86.0	10.2	3.2	86.0	10.8	2.3	85.8	11.9	3.7	86.2	10.1
Rheumatoid/Osteoarthritis	44.9	44.6	10.5	40.3	48.5	11.2	48.5	40.4	11.1	45.1	41.5	13.4	50.7	39.8	9.5
Stroke	7.9	82.4	9.7	6.9	83.3	9.8	7.6	82.1	10.3	4.9	83.5	11.6	9.2	81.2	9.6

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Asthma is defined in the CCW with ICD-9 codes 493.00, 493.01, 493.02, 493.10, 493.11, 493.12, 493.20, 493.21, 493.22, 493.81, 493.82, 493.90, 493.91, 493.92 OR ICD-10 codes J44.0, J44.1, J44.9, J45.20, J45.21, J45.22, J45.30, J45.31, J45.32, J45.40, J45.41, J45.42, J45.50, J45.51, J45.52, J45.901, J45.902, J45.909, J45.990, J45.991, J45.998.

COPD is defined in the CCW with ICD-9 codes 490, 491.0, 491.1, 491.8, 491.9, 492.0, 492.8, 491.20, 491.21, 491.22, 494.0, 494.1, 496 OR ICD-10 codes J40, J41.0, J41.1, J41.8, J42, J43.0, J43.1, J43.2, J43.8, J43.9, J44.0, J44.1, J44.9, J47.0, J47.1, J47.9.