

Table 2A: Medicare Reimbursement for FFS Beneficiaries Newly Diagnosed with COPD, 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Number of beneficiaries	36,566	31,481	5,085			
Months of eligibility in 2014	422,870	363,052	59,818			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M visits (excludes FQHC/RHC/outpatient)	2,368.4	2,296.5	2,804.9	1,001,543	833,757	167,786
Primary care physicians	922.2	900.4	1,055.0	389,988	326,883	63,105
Other physicians	1,082.1	1,042.4	1,323.0	457,605	378,463	79,142
Other practitioners	323.1	314.2	377.2	136,633	114,070	22,563
Other Part B providers	41.0	39.5	49.8	17,317	14,341	2,976
Acute hospital inpatient stays	84.6	82.4	97.7	35,772	29,925	5,847
Related to COPD ⁽²⁾	50.6	50.4	52.2	21,411	18,288	3,123
For septicemia	5.9	5.9	5.4	2,478	2,152	326
Emergency Department visits	145.0	136.7	195.5	61,332	49,638	11,694
Visits leading to an inpatient admission	60.2	58.2	72.0	25,444	21,138	4,306
Outpatient ED visits	84.9	78.5	123.5	35,888	28,500	7,388
Emergency Department visits related to COPD	65.6	63.1	81.2	27,749	22,893	4,856
Visits leading to an inpatient admission	37.0	36.4	40.6	15,628	13,199	2,429
Outpatient ED visits	28.7	26.7	40.6	12,121	9,694	2,427
Observation stays	21.8	20.9	27.5	9,226	7,583	1,643
Observation stays leading to an inpatient admission	6.9	6.6	9.0	2,933	2,393	540
Outpatient observation stays	14.9	14.3	18.4	6,293	5,190	1,103
Observation stays related to COPD	12.6	12.2	14.9	5,337	4,444	893
Stays leading to an inpatient admission	3.8	3.8	4.2	1,626	1,372	254
Outpatient stays	8.8	8.5	10.7	3,711	3,072	639
SNF stays	24.3	24.4	23.6	10,272	8,859	1,413
Home health visits (unique service dates)	544.7	532.9	616.2	230,326	193,465	36,861
Hospice admissions	6.2	6.7	3.3	2,638	2,442	196

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E&M Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	197.60	192.06	231.20	83,557,827	69,727,866	13,829,961
Primary-care physician	71.92	70.10	82.95	30,411,192	25,449,342	4,961,850
Other physicians	106.46	103.26	125.88	45,018,743	37,488,689	7,530,054
Other practitioner	17.34	16.90	19.97	7,330,921	6,136,132	1,194,789
Other provider	1.88	1.80	2.40	796,971	653,703	143,268
By specialty code						
Physician / Internal medicine	50.16	48.71	58.94	21,210,498	17,685,079	3,525,419
Physician / Family practice	19.60	19.24	21.76	8,288,625	6,986,876	1,301,749
Physician / Cardiology	15.83	15.71	16.52	6,692,271	5,703,853	988,418
Physician / Emergency medicine	14.71	13.93	19.49	6,222,235	5,056,214	1,166,020
Physician / Pulmonary disease	14.46	13.69	19.16	6,114,540	4,968,556	1,145,985
Nurse practitioner	7.79	7.68	8.45	3,295,001	2,789,398	505,603
Physician / Nephrology	5.24	5.31	4.84	2,216,880	1,927,337	289,543
Physician / Infectious disease	5.02	4.92	5.64	2,123,295	1,785,913	337,382
Physician / Ophthalmology	4.99	4.86	5.77	2,109,943	1,764,924	345,019
Physician / Hematology/oncology	4.93	5.00	4.52	2,086,753	1,816,325	270,428
Physician / Psychiatry	4.56	4.20	6.73	1,927,391	1,524,576	402,816
Physician / Neurology	4.18	4.11	4.60	1,767,168	1,492,135	275,033
Physician / Physical medicine/rehab	4.01	3.96	4.31	1,694,482	1,436,957	257,525
Physician assistant	3.88	3.71	4.86	1,639,467	1,348,684	290,782
Physician / Gastroenterology	3.61	3.52	4.15	1,524,603	1,276,351	248,252
Physician / General surgery	3.01	3.03	2.87	1,272,716	1,100,839	171,877
Physician / Critical care (intensivists)	2.77	2.79	2.68	1,173,188	1,012,781	160,407
Physician / Orthopedic surgery	2.46	2.33	3.27	1,039,786	844,308	195,478
Physician / Urology	2.40	2.43	2.21	1,013,495	881,061	132,434
Podiatry	2.03	2.02	2.09	856,333	731,550	124,782
Optometry	1.88	1.86	1.98	795,123	676,663	118,460
Clinical psychologist	1.80	1.71	2.32	760,495	621,548	138,946
Physician / Otolaryngology	1.49	1.35	2.34	629,088	489,279	139,810
Physician / Endocrinology	1.35	1.31	1.62	572,608	475,541	97,067
Physician / Medical oncology	1.33	1.35	1.20	563,479	491,583	71,896

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E&M Reimbursement Related to COPD		PBPM (\$)		Total (\$)		
All Physician & Practitioners	34.68	33.33	42.86	14,665,274	12,101,457	2,563,817
Primary Care Physician	14.35	13.84	17.41	6,066,078	5,024,889	1,041,189
Other physicians	18.83	18.04	23.61	7,961,290	6,548,742	1,412,548
Other practitioners	1.49	1.44	1.84	632,125	522,162	109,963
Other providers	0.01	0.02	0.002	5,781	5,664	117
By specialty code						
Physician / Internal medicine	10.84	10.44	13.27	4,584,721	3,790,881	793,840
Physician / Pulmonary disease	8.51	8.23	10.20	3,598,067	2,987,670	610,397
Physician / Emergency medicine	3.77	3.49	5.46	1,594,419	1,268,067	326,352
Physician / Family practice	3.21	3.11	3.80	1,356,970	1,129,474	227,496
Physician / Cardiology	2.48	2.37	3.12	1,047,005	860,453	186,552
Physician / Critical care (intensivists)	1.57	1.57	1.58	663,185	568,546	94,639
Nurse practitioner	0.98	0.94	1.19	413,701	342,400	71,302
Physician / Infectious disease	0.94	0.87	1.35	397,702	316,756	80,946
Physician assistant	0.50	0.47	0.64	210,183	171,748	38,435
Physician / Neurology	0.26	0.26	0.27	111,325	95,331	15,993
Physician / General surgery	0.26	0.27	0.23	110,515	96,790	13,725
Physician / General practice	0.19	0.19	0.21	79,533	67,208	12,326
Physician / Anesthesiology	0.13	0.12	0.17	55,176	44,852	10,324
Physician / Nephrology	0.12	0.12	0.13	51,172	43,460	7,712
Physician / Geriatric medicine	0.11	0.10	0.13	44,853	37,326	7,527
Physician / Physical medicine/rehab	0.09	0.08	0.09	36,300	30,694	5,607
Physician / Hematology/oncology	0.08	0.07	0.12	34,019	26,931	7,088
Physician / Cardiac electrophysiology	0.08	0.07	0.14	32,064	23,873	8,191
Physician / Otolaryngology	0.07	0.06	0.12	30,606	23,596	7,010
Physician / Gastroenterology	0.06	0.06	0.06	26,350	22,527	3,823
Physician / Allergy/immunology	0.05	0.02	0.24	23,255	8,805	14,450
Physician / Cardiac surgery	0.05	0.05	0.06	20,431	16,939	3,492
Physician / Thoracic surgery	0.05	0.05	0.02	19,576	18,553	1,023
Physician / Psychiatry	0.04	0.04	0.04	17,803	15,486	2,317
Physician / Hospice and palliative care	0.03	0.03	0.03	13,365	11,536	1,830

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Non-E&M Practitioner Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	107.32	106.20	114.08	45,381,702	38,557,810	6,823,893
Primary Care Physician	2.69	2.55	3.50	1,136,282	927,174	209,108
Other physicians	80.62	80.47	81.52	34,091,755	29,215,534	4,876,221
Other practitioners	15.11	14.65	17.85	6,388,053	5,320,133	1,067,920
Other providers	8.90	8.52	11.21	3,765,612	3,094,968	670,644
By specialty code						
Physician / Orthopedic surgery	8.80	8.46	10.84	3,719,434	3,071,185	648,248
Physician / Radiation oncology	8.74	9.32	5.21	3,695,600	3,383,991	311,609
Ambulatory surgical center	8.46	8.10	10.64	3,578,567	2,942,203	636,364
Physician / Anesthesiology	8.36	8.20	9.33	3,535,977	2,978,149	557,827
Physician / General surgery	6.37	6.34	6.58	2,694,628	2,300,955	393,673
Physician / Cardiology	5.55	5.64	4.98	2,345,128	2,047,331	297,797
Physician / Ophthalmology	4.97	4.84	5.74	2,100,410	1,757,185	343,225
Physical therapist in private practice	4.77	4.44	6.75	2,015,997	1,612,090	403,906
CRNA	4.74	4.71	4.94	2,004,769	1,709,384	295,385
Physician / Dermatology	4.06	4.09	3.88	1,716,487	1,484,152	232,335
Physician / Thoracic surgery	3.27	3.31	3.06	1,383,127	1,200,217	182,910
Physician / Cardiac surgery	3.08	3.22	2.22	1,301,602	1,168,938	132,663
Physician / Neurosurgery	2.98	2.82	3.99	1,261,239	1,022,801	238,438
Physician / Gastroenterology	2.92	2.82	3.53	1,235,781	1,024,638	211,143
Podiatry	2.92	2.87	3.23	1,234,706	1,041,315	193,391
Physician / Urology	2.84	2.91	2.45	1,202,558	1,056,072	146,486
Physician / Vascular surgery	2.80	3.00	1.61	1,184,766	1,088,241	96,525
Physician / Otolaryngology	2.55	2.30	4.08	1,079,804	835,918	243,886
Physician / Hematology/oncology	2.10	2.18	1.65	889,815	790,944	98,871
Physician / Diagnostic radiology	1.99	2.05	1.63	841,479	744,002	97,477
Physician assistant	1.46	1.47	1.41	618,508	534,064	84,443
Physician / Internal medicine	1.40	1.35	1.72	591,886	488,883	103,003
Physician / Family practice	1.07	1.03	1.35	452,984	372,401	80,583
Physician / Plastic/recon. surgery	0.98	0.94	1.24	415,010	340,688	74,322
Physician / Cardiac electrophysiology	0.81	0.82	0.76	343,616	297,944	45,672
Physician / Pulmonary disease	0.81	0.80	0.87	340,837	289,048	51,789

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Non-E&M Practitioner Reimbursement Related to COPD	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	1.92	1.87	2.21	812,160	679,705	132,455
Primary Care Physician	0.19	0.18	0.21	78,462	66,176	12,286
Other physicians	1.53	1.50	1.73	649,100	545,869	103,231
Other practitioners	0.19	0.18	0.28	81,134	64,584	16,549
Other providers	0.01	0.01	0.01	3,464	3,075	390
By specialty code						
Physician / Pulmonary disease	0.32	0.31	0.39	136,444	113,382	23,061
Physician / Cardiology	0.29	0.28	0.37	122,898	100,705	22,193
Physician / Anesthesiology	0.20	0.19	0.23	83,768	69,776	13,992
Physician / Emergency medicine	0.16	0.16	0.18	69,692	59,046	10,645
CRNA	0.12	0.12	0.16	52,161	42,729	9,432
Physician / Internal medicine	0.12	0.12	0.11	49,715	43,247	6,468
Physician / General surgery	0.12	0.12	0.06	48,898	45,166	3,732
Physician / Critical care (intensivists)	0.10	0.10	0.12	42,634	35,626	7,008
Physician / Otolaryngology	0.10	0.10	0.11	41,759	35,441	6,318
Physician / Thoracic surgery	0.08	0.07	0.10	31,832	25,721	6,111
Physician / Family practice	0.06	0.06	0.07	25,938	21,658	4,279
Physician / Cardiac surgery	0.05	0.06	0.01	20,418	19,984	434
Physician / Diagnostic radiology	0.04	0.04	0.02	16,150	14,846	1,304
Physician / Cardiac electrophysiology	0.03	0.03	0.03	11,938	9,952	1,985
Physical therapist in private practice	0.03	0.02	0.08	11,120	6,343	4,776
Physician assistant	0.02	0.02	0.02	8,511	7,517	993
Physician / Infectious disease	0.02	0.01	0.04	6,523	4,331	2,191
Nurse practitioner	0.01	0.01	0.02	5,984	4,740	1,244
Physician / Interventional radiology	0.01	0.01	0.01	2,919	2,397	522
Ambulatory surgical center	0.01	0.01	0.01	2,822	2,432	390
Physician / General practice	0.01	<0.01	0.03	2,762	1,224	1,538
Physician / Gastroenterology	0.01	<0.01	0.01	2,435	1,562	873
Physician / Vascular surgery	<0.01	0.01	0.00	1,822	1,822	0
Physician / Neurology	<0.01	<0.01	0.01	1,564	1,209	355
Physician / Orthopedic surgery	<0.01	<0.01	0.01	1,554	1,039	515
Occupational therapist in private practice	<0.01	<0.01	0.00	1,513	1,513	0
Physician / Allergy/immunology	<0.01	<0.01	0.01	874	167	707

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Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Other Part B Reimbursement				PBPM (\$)		Total (\$)
Outpatient Emergency Department	26.48	24.61	37.85	11,198,099	8,933,693	2,264,407
Related to COPD	11.43	10.69	15.96	4,835,388	3,880,928	954,461
Lab and tests	47.85	47.44	50.32	20,234,910	17,224,877	3,010,033
Part B drugs	0.56	0.60	0.33	238,295	218,760	19,534
Durable Medical Equipment	35.78	33.45	49.97	15,132,067	12,142,931	2,989,136
Other Part B services	260.91	261.24	258.92	110,332,380	94,844,344	15,488,037
Part A Reimbursement				PBPM (\$)		Total (\$)
Inpatient	1,158.45	1,142.24	1,256.85	489,873,642	414,691,647	75,181,995
Related to COPD	771.42	773.00	761.85	326,210,282	280,638,229	45,572,053
Skilled Nursing Facility	258.00	260.23	244.46	109,101,457	94,478,088	14,623,368
Home Health	107.42	104.86	122.99	45,425,358	38,068,428	7,356,929
Hospice	36.05	39.22	16.79	15,244,540	14,240,110	1,004,430
Total Reimbursement				PBPM (\$)		Total (\$)
Part A and B	2,312.41	2,286.16	2,471.74	977,848,468	829,994,165	147,854,303
Part A	1,559.92	1,546.55	1,641.09	659,644,996	561,478,273	98,166,723
Part B	752.49	739.61	830.65	318,203,472	268,515,892	49,687,580

Source: Medicare Part A & B 5-percent Limited Data Set, 2015.

Notes: Includes FFS Beneficiaries with Medicare Part A, B. Excludes beneficiaries with ESRD and those residing outside the 50 States or DC. To be included, the beneficiary must have had some months of FFS eligibility during the year prior to the earliest diagnosis supporting the condition, and this earliest date must have been in 2014.

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.

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.

Identification of COPD-related claim or lines contain a diagnosis code identified as a "trigger," "relevant," or "sequelae" diagnosis for COPD in the Episode Grouper for Medicare.

Evaluation and management services defined by BETOS code Mxx.

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Number of beneficiaries	150,339	80,149	70,190			
Months of eligibility in 2014	1,712,270	884,669	827,601			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M visits (excludes FQHC/RHC/outpatient)	2,334.5	1,898.9	2,800.1	3,997,264	1,679,863	2,317,401
Primary care physicians	896.0	712.6	1,092.0	1,534,175	630,433	903,742
Other physicians	1,025.1	838.1	1,224.9	1,755,192	741,455	1,013,737
Other practitioners	369.0	310.3	431.7	631,852	274,556	357,296
Other Part B providers	44.4	37.8	51.5	76,045	33,419	42,626
Acute hospital inpatient stays	76.2	55.2	98.5	130,390	48,845	81,545
Related to COPD	58.4	40.7	77.4	100,041	35,983	64,058
For septicemia	6.5	5.3	7.8	11,170	4,704	6,466
Emergency Department visits	151.2	111.1	194.1	258,906	98,280	160,626
Visits leading to an inpatient admission	58.1	41.3	76.0	99,413	36,556	62,857
Outpatient ED visits	93.1	69.8	118.1	159,493	61,724	97,769
Emergency Department visits related to COPD	91.6	61.8	123.5	156,828	54,647	102,181
Visits leading to an inpatient admission	45.3	30.9	60.6	77,488	27,343	50,145
Outpatient ED visits	46.3	30.9	62.9	79,340	27,304	52,036
Observation stays	23.3	17.0	30.3	39,828	14,781	25,047
Observation stays leading to an inpatient admission	7.3	4.9	9.8	12,455	4,359	8,096
Outpatient observation stays	16.0	11.8	20.5	27,373	10,422	16,951
Observation stays related to COPD	17.1	11.5	23.1	29,228	10,132	19,096
Stays leading to an inpatient admission	5.4	3.4	7.4	9,169	3,034	6,135
Outpatient stays	11.7	8.0	15.7	20,059	7,098	12,961
SNF stays	22.6	16.8	28.7	38,648	14,887	23,761
Home health visits (unique service dates)	705.0	456.4	970.9	1,207,232	403,735	803,497
Hospice admissions	9.0	11.4	6.5	15,451	10,096	5,355

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
	PBPM (\$)			Total (\$)		
E&M Reimbursement						
All Physicians & Practitioners	188.55	149.17	230.65	322,848,514	131,965,664	190,882,850
Primary care physician	69.81	54.21	86.50	119,538,452	47,953,789	71,584,664
Other physician	96.05	76.61	116.82	164,460,630	67,776,531	96,684,099
Other practitioner	20.66	16.75	24.85	35,382,702	14,815,881	20,566,821
Other provider	2.02	1.60	2.47	3,466,729	1,419,463	2,047,266
By specialty code						
Physician / Internal medicine	47.64	36.15	59.94	81,579,925	31,976,371	49,603,554
Physician / Family practice	19.91	16.28	23.78	34,085,859	14,404,261	19,681,598
Physician / Emergency medicine	15.09	10.82	19.65	25,834,588	9,569,862	16,264,726
Physician / Pulmonary disease	14.40	10.00	19.11	24,662,002	8,845,775	15,816,227
Physician / Cardiology	12.83	10.39	15.44	21,973,490	9,194,817	12,778,673
Nurse practitioner	9.78	7.52	12.19	16,744,581	6,654,397	10,090,183
Physician / Ophthalmology	5.54	5.41	5.68	9,490,082	4,790,138	4,699,943
Physician assistant	4.37	3.41	5.40	7,486,538	3,014,099	4,472,439
Physician / Nephrology	4.18	3.45	4.95	7,150,090	3,050,966	4,099,124
Physician / Psychiatry	4.12	3.23	5.08	7,058,204	2,853,097	4,205,107
Physician / Infectious disease	3.73	2.90	4.62	6,394,642	2,569,330	3,825,312
Physician / Hematology/oncology	3.54	3.26	3.84	6,063,369	2,881,249	3,182,120
Physician / Neurology	3.23	2.71	3.78	5,527,644	2,399,465	3,128,179
Physician / Physical medicine/rehab	3.16	2.32	4.06	5,416,796	2,056,619	3,360,178
Physician / Gastroenterology	3.07	2.50	3.69	5,260,216	2,208,966	3,051,251
Physician / General surgery	2.46	1.98	2.98	4,220,448	1,752,378	2,468,070
Physician / Orthopedic surgery	2.32	1.97	2.68	3,966,057	1,744,709	2,221,348
Physician / Urology	2.30	2.11	2.50	3,929,930	1,863,661	2,066,268
Podiatry	2.27	1.99	2.58	3,894,254	1,757,087	2,137,167
Optometry	2.23	2.13	2.34	3,819,805	1,886,719	1,933,085
Physician / Critical care (intensivists)	2.04	1.56	2.55	3,486,253	1,379,161	2,107,092
Clinical psychologist	1.96	1.56	2.39	3,351,562	1,375,982	1,975,580
Physician / Otolaryngology	1.44	1.25	1.63	2,460,806	1,109,261	1,351,546
Physician / General practice	1.37	1.07	1.69	2,343,732	949,218	1,394,514
Physician / Dermatology	1.35	1.35	1.35	2,314,889	1,193,706	1,121,182

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
E&M Reimbursement Related to COPD	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	38.73	26.82	51.46	66,308,640	23,722,518	42,586,123
Primary Care Physician	17.44	11.84	23.43	29,864,781	10,477,059	19,387,722
Other physicians	18.91	13.42	24.76	32,371,847	11,876,457	20,495,390
Other practitioners	2.37	1.54	3.26	4,063,090	1,364,380	2,698,710
Other providers	0.01	0.01	0.01	8,923	4,622	4,301
By specialty code						
Physician / Internal medicine	12.75	8.63	17.16	21,838,828	7,635,958	14,202,871
Physician / Pulmonary disease	9.01	6.46	11.74	15,428,741	5,716,676	9,712,065
Physician / Emergency medicine	4.46	2.83	6.21	7,638,100	2,501,425	5,136,676
Physician / Family practice	4.28	2.95	5.70	7,334,536	2,614,189	4,720,347
Physician / Cardiology	2.01	1.52	2.54	3,438,691	1,340,337	2,098,354
Nurse practitioner	1.63	1.06	2.24	2,798,430	941,255	1,857,174
Physician / Critical care (intensivists)	1.11	0.89	1.34	1,901,460	790,239	1,111,220
Physician / Infectious disease	0.78	0.60	0.99	1,343,357	526,862	816,495
Physician assistant	0.72	0.46	0.99	1,227,897	408,031	819,865
Physician / General practice	0.24	0.15	0.34	415,127	130,018	285,109
Physician / Neurology	0.19	0.15	0.23	321,003	130,747	190,256
Physician / General surgery	0.18	0.14	0.23	311,818	124,764	187,054
Physician / Geriatric medicine	0.16	0.11	0.22	276,290	96,894	179,396
Physician / Nephrology	0.16	0.12	0.20	268,116	105,918	162,197
Physician / Interventional cardiology	0.13	0.10	0.17	228,405	87,453	140,953
Physician / Physical medicine/rehab	0.12	0.07	0.19	211,792	58,282	153,510
Physician / Anesthesiology	0.09	0.08	0.11	161,349	72,052	89,297
Physician / Cardiac electrophysiology	0.06	0.04	0.09	109,038	37,911	71,127
Physician / Hospice and palliative care	0.06	0.05	0.07	104,121	45,692	58,430
Physician / Hematology/oncology	0.06	0.05	0.07	101,076	40,354	60,722
Physician / Gastroenterology	0.06	0.04	0.08	97,173	33,631	63,541
Physician / Allergy/immunology	0.06	0.03	0.09	96,334	24,439	71,896
Physician / Otolaryngology	0.05	0.04	0.06	86,595	33,976	52,619
Physician / Pediatric medicine	0.04	0.03	0.05	62,633	23,912	38,722
Physician / Thoracic surgery	0.03	0.03	0.04	57,242	26,748	30,494

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Non-E&M Practitioner Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	87.11	77.68	97.20	149,161,381	68,717,901	80,443,480
Primary Care Physician	2.84	2.38	3.33	4,854,826	2,101,751	2,753,075
Other physicians	61.30	53.93	69.18	104,963,886	47,712,317	57,251,569
Other practitioners	14.18	12.57	15.91	24,284,238	11,119,992	13,164,246
Other providers	8.79	8.80	8.79	15,058,431	7,783,841	7,274,590
By specialty code						
Ambulatory surgical center	8.57	8.51	8.63	14,673,964	7,530,811	7,143,153
Physician / Orthopedic surgery	6.48	5.08	7.97	11,088,122	4,491,239	6,596,883
Physician / Anesthesiology	5.70	4.68	6.78	9,753,962	4,143,101	5,610,861
Physician / Radiation oncology	5.54	5.59	5.49	9,488,118	4,947,414	4,540,703
Physician / Ophthalmology	5.34	5.32	5.37	9,143,881	4,702,725	4,441,156
Physician / Dermatology	4.53	4.69	4.36	7,756,653	4,150,634	3,606,019
Physical therapist in private practice	4.51	4.20	4.85	7,725,981	3,715,745	4,010,236
Physician / General surgery	4.39	3.50	5.33	7,508,771	3,100,471	4,408,300
Physician / Cardiology	3.89	3.19	4.63	6,654,333	2,818,466	3,835,867
CRNA	3.76	3.19	4.37	6,438,410	2,820,463	3,617,947
Podiatry	3.43	3.02	3.88	5,879,563	2,667,988	3,211,576
Physician / Urology	2.57	2.41	2.74	4,401,510	2,132,973	2,268,538
Physician / Gastroenterology	2.51	2.17	2.88	4,300,983	1,921,560	2,379,423
Physician / Vascular surgery	2.28	2.10	2.48	3,905,256	1,854,243	2,051,012
Physician / Otolaryngology	1.99	1.66	2.35	3,412,129	1,464,749	1,947,380
Physician / Neurosurgery	1.78	1.36	2.22	3,042,597	1,207,369	1,835,228
Physician / Hematology/oncology	1.52	1.41	1.64	2,600,350	1,246,870	1,353,480
Physician / Internal medicine	1.45	1.21	1.71	2,490,996	1,073,128	1,417,868
Physician / Diagnostic radiology	1.36	1.18	1.55	2,326,596	1,046,743	1,279,854
Physician / Thoracic surgery	1.29	1.08	1.52	2,208,541	953,682	1,254,860
Physician / Family practice	1.17	1.01	1.33	1,997,846	894,327	1,103,519
Physician assistant	1.14	0.95	1.34	1,954,845	844,712	1,110,133
Physician / Cardiac surgery	1.02	0.88	1.17	1,747,782	778,625	969,157
Physician / Plastic/recon. surgery	0.79	0.66	0.94	1,358,984	582,737	776,248
Physician / Interventional Pain Mgt	0.79	0.68	0.91	1,353,784	603,015	750,769

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Non-E&M Practitioner Reimbursement Related to COPD	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	1.54	1.19	1.91	2,631,434	1,050,983	1,580,451
Primary Care Physician	0.27	0.18	0.36	460,249	158,584	301,665
Other physicians	1.09	0.87	1.31	1,860,425	773,238	1,087,187
Other practitioners	0.17	0.13	0.22	298,611	114,167	184,444
Other providers	0.01	0.01	0.01	12,149	4,993	7,156
By specialty code						
Physician / Pulmonary disease	0.26	0.20	0.32	442,432	174,635	267,797
Physician / Cardiology	0.16	0.12	0.20	279,874	110,528	169,346
Physician / Emergency medicine	0.15	0.15	0.16	263,424	132,559	130,865
Physician / Internal medicine	0.15	0.10	0.20	251,139	89,282	161,857
Physician / Anesthesiology	0.13	0.10	0.16	225,899	92,648	133,250
Physician / Family practice	0.11	0.07	0.15	186,442	64,122	122,320
CRNA	0.10	0.08	0.11	167,131	72,313	94,818
Physician / General surgery	0.07	0.06	0.08	120,353	55,842	64,511
Physician / Thoracic surgery	0.06	0.03	0.08	95,471	29,786	65,686
Physician / Otolaryngology	0.05	0.04	0.06	88,662	36,495	52,167
Physician / Critical care (intensivists)	0.05	0.05	0.05	82,370	40,841	41,529
Physician / Diagnostic radiology	0.04	0.02	0.05	64,843	21,241	43,602
Nurse practitioner	0.03	0.02	0.04	45,079	15,675	29,405
Physical therapist in private practice	0.03	0.01	0.04	43,626	8,223	35,404
Physician / Cardiac surgery	0.02	0.02	0.03	40,804	17,434	23,370
Physician assistant	0.02	0.01	0.02	32,987	13,263	19,724
Physician / General practice	0.01	0.01	0.02	21,329	4,905	16,425
Physician / Interventional radiology	0.01	0.01	0.01	15,215	6,983	8,232
Physician / Cardiac electrophysiology	0.01	0.01	0.01	14,881	8,800	6,081
Physician / Infectious disease	0.01	<0.01	0.01	14,412	3,758	10,654
Ambulatory surgical center	0.01	<0.01	0.01	10,255	4,115	6,140
Physician / Gastroenterology	0.01	<0.01	0.01	8,627	3,911	4,716
Occupational therapist in private practice	<0.01	<0.01	<0.01	6,481	3,377	3,104
Physician / Vascular surgery	<0.01	<0.01	0.01	6,085	1,702	4,383
Physician / Neurology	<0.01	<0.01	<0.01	5,291	3,030	2,262
Physician / Allergy/immunology	<0.01	<0.01	<0.01	3,438	699	2,739

Table 2B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with COPD, 2015

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Other Part B services	PBPM (\$)			Total (\$)		
Outpatient Emergency Department	31.32	22.98	40.23	53,625,570	20,330,623	33,294,947
Related to COPD	18.17	12.15	24.59	31,104,711	10,753,007	20,351,704
Lab and tests	43.43	38.17	49.06	74,366,266	33,767,998	40,598,268
Part B drugs	0.61	0.44	0.79	1,039,927	388,065	651,862
Durable Medical Equipment	71.04	54.43	88.81	121,643,706	48,148,210	73,495,496
Other Part B services	259.57	226.40	295.02	444,448,728	200,286,544	244,162,183
Part A Reimbursement	PBPM (\$)			Total (\$)		
Inpatient	887.38	668.66	1,121.18	1,519,430,296	591,541,619	927,888,677
Related to COPD	699.62	513.02	899.08	1,197,931,998	453,850,594	744,081,404
Skilled Nursing Facility	224.98	162.32	291.96	385,219,708	143,597,003	241,622,704
Home Health	133.65	89.96	180.36	228,852,967	79,586,984	149,265,983
Hospice	58.28	73.52	41.98	99,787,879	65,044,208	34,743,671
Total Reimbursement	PBPM (\$)			Total (\$)		
Part A and B	2,056.23	1,624.92	2,517.28	3,520,818,167	1,437,512,668	2,083,305,498
Part A	1,304.29	994.46	1,635.48	2,233,290,849	879,769,814	1,353,521,035
Part B	751.94	630.45	881.81	1,287,527,317	557,742,854	729,784,463

Source: Medicare 5-percent Limited Data Set

Notes: Includes FFS Beneficiaries with Medicare Part A & B coverage for all eligible months in CY2014 and one year following diagnosis. Excludes beneficiaries with ESRD and those residing outside the 50 States or DC. To be included, the beneficiary must have had some months of FFS eligibility during the year prior to the earliest diagnosis supporting the condition prior to 2015.

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.

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.

Identification of COPD-related claim or lines contain a diagnosis code identified as a "trigger," "relevant," or "sequelae" diagnosis for COPD in the Episode Grouper for Medicare.

Evaluation and management services defined by BETOS code Mxx.

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All	Without	With Asthma	All	Without	With Asthma
	Beneficiaries	Asthma as a comorbidity	as a comorbidity	Beneficiaries	Asthma as a comorbidity	as a comorbidity
Number of beneficiaries	35,224	30,348	4,876			
Months of eligibility in 2014	385,479	330,058	55,421			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M visits (excludes FQHC/RHC/outpatient)	895.6	876.1	1,011.6	345,225	289,163	56,062
Primary care physicians	320.4	316.5	343.7	123,515	104,465	19,050
Other physicians	408.3	395.5	484.0	157,377	130,554	26,823
Other practitioners	147.5	144.8	163.7	56,852	47,779	9,073
Other Part B providers	19.4	19.3	20.1	7,481	6,365	1,116
Acute hospital inpatient stays	24.8	24.5	26.6	9,575	8,101	1,474
Related to COPD	13.5	13.4	13.8	5,191	4,424	767
For septicemia	2.0	2.1	1.7	777	682	95
Emergency Department visits	51.9	49.9	64.4	20,023	16,456	3,567
Visits leading to an inpatient admission	18.2	18.0	19.6	7,018	5,929	1,089
Outpatient ED visits	33.7	31.9	44.7	13,005	10,527	2,478
Emergency Department visits related to COPD	20.8	20.1	25.1	8,028	6,637	1,391
Visits leading to an inpatient admission	10.3	10.2	10.8	3,968	3,367	601
Outpatient ED visits	10.5	9.9	14.3	4,060	3,270	790
Observation stays	7.6	7.4	8.9	2,944	2,450	494
Observation stays leading to an inpatient admission	2.2	2.1	2.7	856	709	147
Outpatient observation stays	5.4	5.3	6.3	2,088	1,741	347
Observation stays related to COPD	4.0	3.9	4.9	1,548	1,276	272
Stays leading to an inpatient admission	1.1	1.1	1.4	430	353	77
Outpatient stays	2.9	2.8	3.5	1,118	923	195
Skilled Nursing Facility stays	8.3	8.5	7.0	3,196	2,808	388
Home health visits (unique service dates)	284.2	283.1	291.1	109,571	93,440	16,131
Hospice admissions	4.9	5.3	2.6	1,885	1,739	146

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
E&M Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	67.39	65.94	76.00	25,976,866	21,764,713	4,212,153
Primary care physician	23.45	23.08	25.64	9,040,199	7,619,351	1,420,848
Other physician	35.52	34.58	41.16	13,693,287	11,411,889	2,281,398
Other practitioner	7.54	7.41	8.30	2,905,281	2,445,484	459,797
Other provider	0.88	0.87	0.90	338,100	287,989	50,111
By specialty code						
Physician / Internal medicine	15.71	15.41	17.50	6,057,323	5,087,487	969,837
Physician / Family practice	6.92	6.85	7.33	2,667,062	2,260,713	406,349
Physician / Emergency medicine	4.96	4.78	6.06	1,913,198	1,577,563	335,635
Physician / Cardiology	4.65	4.65	4.61	1,790,944	1,535,440	255,505
Physician / Pulmonary disease	3.84	3.60	5.28	1,479,997	1,187,511	292,486
Nurse practitioner	3.34	3.34	3.35	1,287,850	1,102,336	185,514
Physician / Ophthalmology	2.29	2.23	2.66	882,572	735,164	147,408
Physician / Nephrology	1.75	1.77	1.66	675,240	583,491	91,749
Physician / Hematology/oncology	1.71	1.72	1.68	660,351	567,468	92,883
Physician assistant	1.56	1.52	1.80	601,120	501,441	99,679
Physician / Psychiatry	1.55	1.47	2.02	595,753	483,732	112,021
Physician / Infectious disease	1.39	1.38	1.49	537,649	455,141	82,508
Physician / Neurology	1.35	1.29	1.66	519,034	427,078	91,956
Physician / Gastroenterology	1.26	1.25	1.34	486,145	412,010	74,135
Physician / Physical medicine/rehab	1.26	1.25	1.33	485,519	411,881	73,638
Physician / Orthopedic surgery	1.02	0.96	1.33	392,111	318,398	73,713
Physician / Urology	0.98	1.01	0.86	379,586	332,185	47,402
Physician / General surgery	0.94	0.94	0.92	362,241	311,335	50,906
Podiatry	0.91	0.89	1.02	349,674	293,275	56,398
Optometry	0.89	0.88	0.92	343,116	292,001	51,115
Clinical psychologist	0.85	0.85	0.87	329,261	280,891	48,370
Physician / Critical care (intensivists)	0.69	0.66	0.88	265,411	216,647	48,764
Physician / Otolaryngology	0.63	0.58	0.95	244,175	191,400	52,775
Physician / Dermatology	0.62	0.60	0.73	239,733	199,093	40,640
Physician / Medical oncology	0.51	0.54	0.33	195,530	177,008	18,522

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
E&M Reimbursement Related to COPD	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	9.53	9.22	11.34	3,671,696	3,043,009	628,687
Primary Care Physician	3.91	3.81	4.51	1,507,548	1,257,526	250,022
Other physicians	5.09	4.89	6.29	1,963,870	1,615,087	348,783
Other practitioners	0.52	0.51	0.54	199,596	169,815	29,781
Other providers	0.00	0.00	0.00	682	581	101
By specialty code						
Physician / Internal medicine	2.91	2.84	3.33	1,121,324	936,583	184,741
Physician / Pulmonary disease	2.19	2.08	2.89	845,940	685,608	160,332
Physician / Emergency medicine	1.17	1.13	1.38	449,397	373,039	76,357
Physician / Family practice	0.90	0.87	1.04	346,218	288,490	57,728
Physician / Cardiology	0.66	0.64	0.77	254,124	211,557	42,567
Physician / Critical care (intensivists)	0.37	0.36	0.42	142,028	118,551	23,477
Nurse practitioner	0.36	0.36	0.36	138,391	118,605	19,786
Physician / Infectious disease	0.25	0.24	0.30	96,338	79,618	16,720
Physician assistant	0.15	0.15	0.18	59,301	49,351	9,950
Physician / General practice	0.07	0.06	0.09	25,116	20,240	4,877
Physician / Neurology	0.06	0.06	0.07	24,821	20,674	4,147
Physician / General surgery	0.05	0.05	0.03	18,068	16,407	1,660
Physician / Nephrology	0.04	0.04	0.06	16,191	12,796	3,395
Physician / Anesthesiology	0.04	0.04	0.05	14,906	12,115	2,791
Physician / Geriatric medicine	0.04	0.04	0.05	14,891	12,214	2,677
Physician / Interventional cardiology	0.03	0.03	0.05	12,660	9,963	2,697
Physician / Hospice and palliative care	0.02	0.02	0.03	8,849	7,259	1,591
Physician / Otolaryngology	0.02	0.02	0.04	8,470	6,378	2,092
Physician / Physical medicine/rehab	0.02	0.02	0.01	8,452	7,765	688
Physician / Gastroenterology	0.02	0.02	0.03	7,568	5,698	1,869
Physician / Hematology/oncology	0.02	0.02	0.02	7,459	6,547	912
Physician / Allergy/immunology	0.02	0.01	0.05	6,654	4,081	2,573
Physician / Cardiac electrophysiology	0.02	0.02	0.02	6,535	5,551	984
Physician / Thoracic surgery	0.01	0.01	0.01	4,588	4,306	282
Physician / Cardiac surgery	0.01	0.01	0.01	4,451	3,950	501
Physician / Pediatric medicine	0.01	0.01	0.01	4,081	3,551	530
Physician / Medical oncology	0.01	0.01	0.01	3,966	3,636	329
Physician / Psychiatry	0.01	0.01	0.01	3,947	3,320	626

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Non-E&M Practitioner Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	40.20	39.74	42.94	15,496,558	13,116,998	2,379,560
Primary Care Physician	1.10	1.12	0.96	423,332	370,293	53,039
Other physicians	28.37	28.10	30.02	10,936,787	9,272,995	1,663,792
Other practitioners	6.32	6.16	7.29	2,436,694	2,032,536	404,157
Other providers	4.41	4.37	4.67	1,699,746	1,441,174	258,572
By specialty code						
Ambulatory surgical center	4.24	4.24	4.30	1,636,356	1,398,049	238,306
Physician / Radiation oncology	2.96	3.12	2.01	1,139,805	1,028,146	111,659
Physician / Orthopedic surgery	2.64	2.54	3.21	1,016,798	838,760	178,038
Physician / Anesthesiology	2.49	2.41	3.00	961,141	795,142	165,999
Physical therapist in private practice	2.49	2.40	3.04	960,666	792,367	168,298
Physician / Dermatology	2.23	2.21	2.35	858,607	728,092	130,515
Physician / Ophthalmology	2.22	2.21	2.29	855,043	728,320	126,724
Physician / General surgery	1.86	1.80	2.20	715,845	594,114	121,731
Physician / Cardiology	1.55	1.60	1.29	598,705	527,013	71,692
CRNA	1.53	1.52	1.59	590,370	502,438	87,931
Physician / Urology	1.52	1.60	1.03	585,520	528,420	57,100
Podiatry	1.31	1.28	1.46	503,695	422,853	80,842
Physician / Gastroenterology	1.14	1.10	1.40	441,209	363,529	77,680
Physician / Hematology/oncology	1.08	1.16	0.57	415,292	383,666	31,626
Physician / Vascular surgery	1.06	1.00	1.43	409,409	330,256	79,153
Physician / Otolaryngology	0.94	0.84	1.54	363,828	278,220	85,608
Physician / Neurosurgery	0.75	0.70	1.04	287,668	229,795	57,873
Physician / Diagnostic radiology	0.69	0.69	0.69	265,019	226,747	38,272
Physician / Internal medicine	0.59	0.59	0.54	226,258	196,066	30,192
Physician / Thoracic surgery	0.58	0.62	0.30	222,316	205,548	16,769
Physician / Cardiac surgery	0.50	0.53	0.35	194,096	174,695	19,400
Physician assistant	0.45	0.44	0.52	175,225	146,219	29,006
Physician / Family practice	0.44	0.45	0.36	169,853	150,041	19,812
Physician / Plastic/recon. surgery	0.37	0.34	0.56	143,798	112,766	31,032
Physician / Emergency medicine	0.33	0.33	0.31	126,997	109,717	17,281
Physician / Medical oncology	0.31	0.34	0.11	118,970	112,796	6,174
Physician / Interventional Pain Mgt	0.30	0.28	0.41	113,813	91,098	22,714

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Non-E&M Practitioner Reimbursement Related to COPD	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	0.54	0.52	0.60	206,287	172,780	33,507
Primary Care Physician	0.07	0.08	0.04	26,910	24,851	2,058
Other physicians	0.41	0.39	0.51	157,682	129,175	28,507
Other practitioners	0.05	0.05	0.05	20,436	17,826	2,610
Other carrier providers	0.00	0.00	0.01	1,259	928	331
By specialty code						
Physician / Pulmonary disease	0.09	0.08	0.15	33,882	25,537	8,346
Physician / Emergency medicine	0.09	0.08	0.10	33,240	27,485	5,755
Physician / Cardiology	0.07	0.07	0.06	27,104	23,589	3,515
Physician / Anesthesiology	0.04	0.04	0.06	16,890	13,737	3,153
Physician / Internal medicine	0.04	0.04	0.02	15,292	14,145	1,148
CRNA	0.03	0.03	0.04	12,390	10,413	1,977
Physician / Family practice	0.03	0.03	0.02	11,078	10,201	877
Physician / Critical care (intensivists)	0.02	0.02	0.03	8,845	7,289	1,556
Physician / Thoracic surgery	0.02	0.02	0.01	7,659	6,890	769
Physician / Otolaryngology	0.02	0.02	0.02	6,838	5,455	1,383
Physician / General surgery	0.02	0.02	0.02	6,829	5,597	1,232
Physician / Diagnostic radiology	0.01	0.01	0.01	3,595	2,981	614
Physician / Cardiac surgery	0.01	0.01	0.01	3,276	2,790	486
Physician assistant	0.01	0.01	0.01	2,319	2,001	318
Nurse practitioner	0.01	0.01	0.01	2,240	1,925	315
Physical therapist in private practice	<0.01	0.01	0.00	1,771	1,771	0
Occupational therapist in private practice	<0.01	<0.01	0.00	1,479	1,479	0
Physician / Neurology	<0.01	<0.01	0.00	1,184	1,184	0
Physician / Gastroenterology	<0.01	<0.01	<0.01	1,161	811	349
Physician / Cardiac electrophysiology	<0.01	<0.01	<0.01	1,133	720	412
Physician / Interventional radiology	<0.01	<0.01	<0.01	1,036	955	81
Physician / Nephrology	<0.01	<0.01	0.00	927	927	0
Speech language pathologist	<0.01	<0.01	0.01	910	579	331
Physician / Vascular surgery	<0.01	<0.01	0.01	427	115	312
Physician / General practice	<0.01	<0.01	0.00	417	417	0
Ambulatory surgical center	<0.01	<0.01	0.00	333	333	0

Table 2C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with COPD in 2014

Measure	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity	All Beneficiaries	Without Asthma as a comorbidity	With Asthma as a comorbidity
Other Part B Reimbursement	PBPM (\$)			Total (\$)		
Outpatient Emergency Department	10.97	10.36	14.55	4,226,915	3,420,658	806,258
Related to COPD	4.26	4.02	5.63	1,640,547	1,328,463	312,083
Lab and tests	17.48	17.34	18.32	6,738,250	5,722,867	1,015,383
Part B drugs	0.15	0.16	0.10	57,238	51,605	5,633
Durable Medical Equipment	20.68	19.67	26.67	7,970,749	6,492,709	1,478,039
Other Part B services	117.45	117.21	118.88	45,274,432	38,685,743	6,588,689
Part A Reimbursement	PBPM (\$)			Total (\$)		
Inpatient	325.34	323.31	337.40	125,410,332	106,711,030	18,699,302
Related to COPD	197.85	197.77	198.30	76,267,117	65,276,868	10,990,249
Skilled Nursing Facility	82.79	84.50	72.59	31,913,106	27,890,357	4,022,749
Home Health	58.49	58.02	61.26	22,545,502	19,150,400	3,395,101
Hospice	28.15	30.48	14.27	10,852,321	10,061,454	790,868
Total Reimbursement	PBPM (\$)			Total (\$)		
Part A and B	798.53	795.75	815.06	307,816,135	262,644,500	45,171,635
Part A	494.76	496.32	485.52	190,721,261	163,813,242	26,908,020
Part B	303.76	299.44	329.54	117,094,874	98,831,259	18,263,615

Source: Medicare 5-percent Limited Data Set

Notes: Includes Medicare beneficiaries with one or more months of FFS eligibility during the year prior to the earliest diagnosis supporting the condition, and this earliest date must have been in 2014. Excluded are beneficiaries with ESRD and residents outside the 50 states or DC.

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.

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.

Identification of COPD-related claim or lines contain a diagnosis code identified as a "trigger," "relevant," or "sequelae" diagnosis for COPD in the Episode Grouper for Medicare. Evaluation and management services defined by BETOS code Mxx.