

**Table 3A: Medicare Reimbursement for FFS Beneficiaries Newly Diagnosed with Asthma, 2014**

Measure	All	Without	With COPD	All	Without	With COPD as
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	a comorbidity
Number of beneficiaries	19,215	11,946	7,269			
months of eligibility in 2014	225,694	141,389	84,305			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M carrier visits (excludes FQHC/RHC/outpatient)	2,283.4	1,789.2	3,112.0	515,339	252,980	262,359
Primary care physicians	847.5	602.2	1,258.9	191,273	85,140	106,133
Other physicians	1,061.2	850.3	1,414.9	239,506	120,223	119,283
Other practitioners	329.3	294.6	387.5	74,318	41,654	32,664
Other Part B providers	45.4	42.2	50.8	10,242	5,963	4,279
Acute hospital inpatient stays	77.6	48.5	126.4	17,515	6,858	10,657
Related to Asthma	48.0	31.3	76.2	10,841	4,420	6,421
For septicemia	4.6	2.6	8.0	1,042	366	676
Emergency Department visits	147.6	106.4	216.7	33,312	15,041	18,271
Visits leading to an inpatient admission	54.4	29.8	95.5	12,268	4,218	8,050
Outpatient ED visits	93.2	76.5	121.2	21,044	10,823	10,221
Emergency Department visits related to Asthma	68.0	46.9	103.4	15,350	6,636	8,714
Visits leading to an inpatient admission	33.8	19.0	58.7	7,626	2,680	4,946
Outpatient ED visits	34.2	28.0	44.7	7,724	3,956	3,768
Observation stays	21.1	14.3	32.4	4,753	2,022	2,731
Observation stays leading to an inpatient admission	6.8	4.0	11.4	1,527	568	959
Outpatient observation stays	14.3	10.3	21.0	3,226	1,454	1,772
Observation stays related to Asthma	12.3	8.9	18.0	2,780	1,259	1,521
Stays leading to an inpatient admission	3.8	2.3	6.3	859	332	527
Outpatient stays	8.5	6.6	11.8	1,921	927	994
Skilled nursing facility stays	18.5	9.8	33.0	4,172	1,388	2,784
Home health visits (unique service dates)	550.5	343.9	897.1	124,248	48,620	75,628
Hospice admissions	3.9	2.2	6.6	869	309	560

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Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>E&amp;M Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	181.85	130.96	267.19	41,042,166	18,516,979	22,525,187
Primary care physician	65.44	44.44	100.66	14,769,610	6,283,560	8,486,049
Other physician	97.15	70.06	142.58	21,925,927	9,905,875	12,020,051
Other practitioner	17.19	14.63	21.48	3,878,859	2,068,214	1,810,645
Other provider	2.07	1.83	2.47	467,770	259,329	208,441
By specialty code						
Physician / Internal medicine	44.95	28.86	71.92	10,143,888	4,081,003	6,062,885
Physician / Family practice	18.57	14.29	25.76	4,191,828	2,020,506	2,171,322
Physician / Emergency medicine	14.45	9.47	22.79	3,260,588	1,339,282	1,921,307
Physician / Pulmonary disease	12.93	5.40	25.55	2,917,397	763,806	2,153,591
Physician / Cardiology	12.63	7.97	20.45	2,850,104	1,126,365	1,723,739
Nurse practitioner	6.81	5.02	9.82	1,536,709	709,090	827,619
Physician / Psychiatry	5.74	5.21	6.63	1,295,715	736,425	559,291
Physician / Ophthalmology	5.13	5.13	5.14	1,158,588	724,919	433,669
Physician assistant	3.84	3.10	5.07	866,181	438,721	427,460
Physician / Nephrology	3.79	2.19	6.48	856,362	309,938	546,424
Physician / Infectious disease	3.67	2.03	6.40	827,188	287,379	539,809
Physician / Neurology	3.58	3.09	4.40	807,614	436,709	370,905
Physician / Hematology/oncology	3.48	2.57	5.02	785,831	362,951	422,880
Physician / Physical medicine & rehab	3.45	2.50	5.04	778,089	353,087	425,002
Physician / Gastroenterology	3.28	2.43	4.72	740,488	342,988	397,501
Physician / Orthopedic surgery	3.07	3.14	2.97	693,988	443,867	250,121
Physician / General surgery	2.68	2.15	3.56	605,149	304,615	300,534
Physician / Urology	2.13	1.85	2.60	480,596	261,115	219,481
Podiatry	2.05	1.88	2.33	462,048	265,237	196,811
Optometry	2.02	2.00	2.05	455,432	282,479	172,953
Clinical psychologist	2.01	1.80	2.35	453,128	254,758	198,370
Physician / Critical care (intensivists)	1.95	0.85	3.78	438,979	120,048	318,931
Physician / Otolaryngology	1.76	1.72	1.84	397,661	242,522	155,139
Physician / Dermatology	1.47	1.55	1.35	332,898	219,366	113,532
Physician / Endocrinology	1.45	1.25	1.78	327,794	177,344	150,450

**Table 3A: Medicare Reimbursement for FFS Beneficiaries Newly Diagnosed with Asthma, 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>E&amp;M Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	28.56	15.23	50.93	6,446,141	2,152,786	4,293,355
Primary Care Physician	12.03	6.55	21.22	2,714,292	925,592	1,788,701
Other physicians	15.38	7.94	27.86	3,470,592	1,122,203	2,348,388
Other practitioners	1.15	0.74	1.84	260,216	104,700	155,516
Other providers	<0.01	<0.01	0.01	1,041	291	750
By specialty code						
Physician / Internal medicine	8.94	4.46	16.47	2,018,476	630,082	1,388,393
Physician / Pulmonary disease	6.41	2.95	12.21	1,446,464	416,934	1,029,530
Physician / Emergency medicine	3.64	2.03	6.33	821,313	287,544	533,769
Physician / Family practice	2.84	1.95	4.33	640,112	275,346	364,766
Physician / Cardiology	2.15	1.27	3.61	484,192	180,132	304,060
Physician / Critical care (intensivists)	0.96	0.34	2.01	217,508	47,922	169,586
Nurse practitioner	0.72	0.46	1.16	162,590	64,589	98,001
Physician / Infectious disease	0.64	0.22	1.33	143,499	31,461	112,038
Physician assistant	0.43	0.28	0.67	96,182	39,750	56,432
Physician / Allergy/immunology	0.39	0.45	0.29	87,826	63,381	24,446
Physician / Neurology	0.19	0.12	0.30	42,054	16,357	25,697
Physician / General surgery	0.16	0.07	0.32	37,000	10,189	26,811
Physician / General practice	0.14	0.09	0.23	32,134	12,359	19,775
Physician / Nephrology	0.11	0.07	0.18	25,394	10,381	15,013
Physician / Geriatric medicine	0.10	0.06	0.19	23,570	7,804	15,766
Physician / Anesthesiology	0.10	0.04	0.19	21,976	5,943	16,033
Physician / Otolaryngology	0.09	0.07	0.10	19,276	10,431	8,845
Physician / Physical medicine/rehab	0.08	0.02	0.18	17,823	3,004	14,819
Physician / Cardiac electrophysiology	0.08	0.04	0.14	17,325	5,724	11,601
Physician / Hematology/oncology	0.07	0.03	0.13	15,548	4,898	10,650
Physician / Gastroenterology	0.04	0.03	0.07	9,661	4,151	5,510
Physician / Hospice and palliative care	0.03	0.02	0.05	6,828	2,424	4,404
Physician / Pediatric medicine	0.03	0.03	0.03	6,764	4,189	2,576
Physician / Endocrinology	0.03	0.01	0.06	6,484	1,454	5,031
Physician / Psychiatry	0.02	0.01	0.05	5,519	1,723	3,797

**Table 3A: Medicare Reimbursement for FFS Beneficiaries Newly Diagnosed with Asthma, 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Non-E&amp;M Practitioner Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	104.43	99.12	113.33	23,568,539	14,013,886	9,554,652
Primary Care Physician	2.72	2.39	3.26	612,874	338,180	274,694
Other physicians	74.50	69.15	83.48	16,813,847	9,776,376	7,037,470
Other practitioners	16.94	16.85	17.08	3,822,680	2,382,962	1,439,718
Other providers	10.28	10.72	9.52	2,319,138	1,516,368	802,770
By specialty code						
Physician / Orthopedic surgery	11.23	11.81	10.25	2,533,830	1,669,918	863,912
Ambulatory surgical center	10.09	10.69	9.09	2,277,424	1,511,034	766,390
Physician / Anesthesiology	8.12	7.55	9.08	1,833,240	1,068,026	765,214
Physical therapist in private practice	6.58	7.42	5.18	1,485,163	1,048,783	436,380
Physician / General surgery	6.52	5.89	7.58	1,472,010	832,935	639,075
Physician / Ophthalmology	5.56	5.48	5.70	1,255,388	774,802	480,587
Physician / Radiation oncology	5.31	4.88	6.04	1,199,178	690,195	508,983
CRNA	4.71	4.24	5.49	1,062,933	600,047	462,885
Physician / Cardiology	4.38	3.01	6.69	989,140	425,111	564,029
Physician / Dermatology	3.98	3.82	4.25	898,825	540,654	358,171
Physician / Neurosurgery	3.22	3.28	3.11	725,922	464,152	261,770
Podiatry	3.01	2.58	3.74	679,132	364,192	314,941
Physician / Gastroenterology	2.97	2.66	3.51	671,145	375,563	295,582
Physician / Otolaryngology	2.73	2.51	3.11	616,582	354,279	262,302
Physician / Urology	2.58	2.49	2.73	581,591	351,691	229,900
Physician / Thoracic surgery	1.81	1.15	2.91	407,719	162,490	245,229
Physician / Vascular surgery	1.75	1.44	2.27	394,898	203,168	191,730
Physician / Diagnostic radiology	1.54	1.17	2.17	348,052	165,438	182,614
Physician / Cardiac surgery	1.50	1.15	2.07	337,619	162,952	174,667
Physician assistant	1.46	1.49	1.40	328,429	210,181	118,248
Physician / Hematology/oncology	1.39	1.11	1.86	313,905	157,071	156,834
Physician / Internal medicine	1.34	1.13	1.71	303,526	159,218	144,308
Physician / Family practice	1.14	1.07	1.24	256,224	151,956	104,268
Physician / Obstetrics/gynecology	1.04	1.32	0.57	234,036	186,306	47,730
Physician / Plastic/recon. surgery	1.01	1.04	0.96	228,256	147,309	80,946

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Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Non-E&amp;M Practitioner Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	1.39	0.82	2.35	313,882	116,030	197,852
Primary Care Physician	0.17	0.13	0.25	39,205	18,108	21,097
Other physicians	1.04	0.54	1.88	234,905	76,756	158,149
Other practitioners	0.16	0.13	0.21	36,941	19,014	17,927
Other providers	0.01	0.02	0.01	2,831	2,152	679
By specialty code						
Physician / Cardiology	0.27	0.18	0.43	61,366	25,409	35,957
Physician / Pulmonary disease	0.22	0.08	0.46	50,330	11,221	39,109
Physician / Emergency medicine	0.14	0.06	0.27	31,388	8,478	22,910
Physician / Anesthesiology	0.12	0.05	0.22	26,191	7,563	18,628
Physician / Internal medicine	0.10	0.07	0.16	23,181	9,518	13,663
CRNA	0.08	0.03	0.16	17,746	4,672	13,074
Physician / Otolaryngology	0.06	0.04	0.11	14,449	5,046	9,403
Physician / Family practice	0.06	0.06	0.08	14,378	7,903	6,475
Physician / General surgery	0.06	0.04	0.09	12,562	5,144	7,418
Physical therapist in private practice	0.05	0.07	0.00	10,316	10,167	149
Physician / Critical care (intensivists)	0.04	0.01	0.09	9,576	1,759	7,817
Physician / Thoracic surgery	0.03	0.01	0.06	6,480	1,800	4,681
Physician / Cardiac surgery	0.02	0.02	0.03	4,450	2,194	2,256
Nurse practitioner	0.02	0.02	0.03	4,448	2,122	2,325
Physician assistant	0.02	0.01	0.03	4,089	1,952	2,137
Physician / Diagnostic radiology	0.02	0.01	0.02	3,858	1,782	2,077
Physician / Allergy/immunology	0.02	0.02	0.01	3,664	2,634	1,031
Physician / Cardiac electrophysiology	0.01	0.01	0.02	2,955	991	1,964
Ambulatory surgical center	0.01	0.01	0.01	2,291	1,620	670
Physician / Gastroenterology	0.01	0.01	0.01	2,024	905	1,119
Physician / General practice	0.01	<0.01	0.01	1,647	688	959
Physician / Infectious disease	<0.01	0.00	0.01	1,128	0	1,128
Physician / Hematology/oncology	<0.01	0.01	0.00	758	758	0
Indep. Diag. Testing Facility (IDTF)	<0.01	<0.01	0.00	508	508	0
Physician / Neurology	<0.01	<0.01	<0.01	496	463	33

**Table 3A: Medicare Reimbursement for FFS Beneficiaries Newly Diagnosed with Asthma, 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Other Part B Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Outpatient Emergency Department	28.33	21.87	39.15	6,392,886	3,092,358	3,300,528
Related to Asthma	12.72	9.83	17.57	2,871,135	1,389,901	1,481,234
Lab and tests	44.14	38.24	54.03	9,961,752	5,406,677	4,555,075
Part B drugs	0.42	0.33	0.58	95,145	46,473	48,673
Durable Medical Equipment	40.25	26.61	63.12	9,083,798	3,762,716	5,321,082
Other Part B services	233.69	203.57	284.19	52,741,591	28,782,777	23,958,815
<b>Part A Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Inpatient	954.09	611.56	1528.55	215,332,549	86,468,259	128,864,290
Related to Asthma	622.77	405.18	987.70	140,555,458	57,287,788	83,267,669
Skilled Nursing Facility	188.43	104.33	329.48	42,528,139	14,751,007	27,777,132
Home Health	108.67	70.51	172.67	24,526,536	9,969,324	14,557,212
Hospice	22.18	12.74	38.01	5,005,874	1,801,046	3,204,829
<b>Total Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Part A and B	1981.27	1385.88	2979.82	447,161,112	195,947,678	251,213,434
Part A	1273.38	799.14	2068.72	287,393,098	112,989,636	174,403,463
Part B	707.90	586.74	911.10	159,768,014	82,958,042	76,809,972

**Source:** Medicare 5-percent Limited Data Set

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

**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All	Without	With COPD	All	Without	With COPD
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	as a comorbidity
Number of beneficiaries	83,000	40,532	42,468			
Months of eligibility in 2014	975,968	478,024	497,944			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M visits (excludes FQHC/RHC/outpatient)	2,404.9	1,838.7	2,948.5	2,347,154	878,956	1,468,198
Primary care physicians	845.8	558.6	1,121.5	825,510	267,044	558,466
Other physicians	1,101.9	886.8	1,308.5	1,075,440	423,898	651,542
Other practitioners	401.3	342.2	458.2	391,697	163,559	228,138
Other Part B providers	55.8	51.2	60.4	54,507	24,455	30,052
Acute hospital inpatient stays	67.2	34.1	98.9	65,575	16,304	49,271
Related to asthma	47.1	24.4	68.8	45,947	11,679	34,268
For septicemia	5.0	2.2	7.7	4,873	1,029	3,844
Emergency Department visits	159.6	107.7	209.4	155,771	51,482	104,289
Visits leading to an inpatient admission	50.5	22.5	77.3	49,255	10,776	38,479
Outpatient ED visits	109.1	85.2	132.2	106,516	40,706	65,810
Emergency Department visits related to Asthma	86.3	54.9	116.5	84,263	26,230	58,033
Visits leading to an inpatient admission	35.7	16.1	54.6	34,864	7,690	27,174
Outpatient ED visits	50.6	38.8	62.0	49,399	18,540	30,859
Observation stays	22.9	13.6	31.9	22,374	6,499	15,875
Observation stays leading to an inpatient admission	6.7	3.2	10.1	6,544	1,514	5,030
Outpatient observation stays	16.2	10.4	21.8	15,830	4,985	10,845
Observation stays related to Asthma	15.7	9.7	21.5	15,309	4,621	10,688
Stays leading to an inpatient admission	4.5	2.2	6.7	4,396	1,059	3,337
Outpatient stays	11.2	7.5	14.8	10,913	3,562	7,351
Skilled Nursing Facility stays	17.7	7.2	27.8	17,292	3,436	13,856
Home health visits (unique service dates)	677.6	313.9	1,026.7	661,307	150,045	511,262
Hospice admissions	4.2	2.1	6.3	4,125	1,010	3,115

**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All	Without	With COPD	All	Without	With COPD
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	as a comorbidity
E&M Reimbursement	PBPM (\$)			Total (\$)		
All Physicians & Practitioners	186.60	128.87	246.97	182,114,728	61,605,120	120,509,608
Primary care physician	65.49	40.79	91.02	63,911,385	19,499,761	44,411,624
E&M Other physician	96.66	68.43	126.29	94,332,760	32,710,809	61,621,950
Other practitioner	21.76	17.23	26.64	21,235,663	8,236,414	12,999,249
Other provider	2.70	2.42	3.03	2,634,920	1,158,135	1,476,785
By specialty code						
Physician / Internal medicine	44.56	26.13	63.53	43,486,866	12,489,412	30,997,454
Physician / Family practice	18.76	13.37	24.42	18,306,371	6,389,799	11,916,572
Physician / Emergency medicine	15.38	9.40	21.54	15,006,458	4,495,047	10,511,411
Physician / Pulmonary disease	12.52	4.60	20.53	12,215,000	2,199,069	10,015,931
Physician / Cardiology	10.88	5.97	15.90	10,613,791	2,854,497	7,759,295
Nurse practitioner	9.16	5.92	12.52	8,936,524	2,828,699	6,107,825
Physician / Ophthalmology	6.42	6.56	6.42	6,267,418	3,137,067	3,130,351
Physician / Psychiatry	5.61	5.19	6.14	5,476,596	2,479,647	2,996,949
Physician assistant	4.70	3.59	5.88	4,583,204	1,714,907	2,868,297
Physician / Neurology	3.54	2.90	4.24	3,458,314	1,387,170	2,071,143
Physician / Nephrology	3.30	1.61	5.02	3,218,665	769,103	2,449,562
Physician / Physical medicine/rehab	3.25	2.18	4.36	3,167,210	1,040,299	2,126,912
Physician / Gastroenterology	3.24	2.49	4.03	3,158,651	1,190,189	1,968,462
Physician / Infectious disease	3.22	1.48	5.00	3,146,875	708,323	2,438,552
Physician / Orthopedic surgery	3.18	3.27	3.15	3,099,349	1,564,080	1,535,269
Physician / Hematology/oncology	2.91	2.12	3.76	2,844,734	1,012,172	1,832,563
Clinical psychologist	2.63	2.38	2.93	2,564,317	1,136,917	1,427,400
Podiatry	2.53	2.21	2.89	2,465,461	1,054,132	1,411,328
Physician / General surgery	2.33	1.68	3.01	2,271,446	803,784	1,467,662
Optometry	2.29	2.17	2.44	2,231,202	1,038,400	1,192,802
Physician / Urology	2.11	1.79	2.48	2,063,453	853,545	1,209,908
Licensed clinical social worker	2.03	2.20	1.91	1,983,679	1,053,130	930,548
Physician / Allergy/immunology	2.01	2.90	1.17	1,957,501	1,385,612	571,888
Physician / Otolaryngology	1.94	1.99	1.92	1,891,201	952,692	938,509
Physician / Dermatology	1.68	1.86	1.53	1,637,001	888,828	748,172



**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All	Without	With COPD	All	Without	With COPD
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	as a comorbidity
<b>E&amp;M Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	28.31	13.21	43.68	27,624,827	6,313,834	21,310,993
Primary Care Physician	12.00	5.28	18.83	11,710,893	2,524,973	9,185,920
Other physicians	14.65	7.09	22.36	14,294,902	3,386,841	10,908,061
Other practitioners	1.66	0.84	2.49	1,616,358	401,288	1,215,070
Other providers	<.01	<.01	<.01	2,674	732	1,942
By specialty code						
Physician / Internal medicine	8.84	3.63	14.11	8,623,975	1,737,274	6,886,701
Physician / Pulmonary disease	6.12	2.57	9.71	5,969,297	1,230,608	4,738,689
Physician / Emergency medicine	3.73	1.77	5.73	3,640,754	844,528	2,796,226
Physician / Family practice	2.89	1.52	4.29	2,821,745	728,141	2,093,603
Physician / Cardiology	1.78	0.96	2.62	1,738,057	457,843	1,280,215
Nurse practitioner	1.07	0.50	1.64	1,042,438	240,312	802,127
Physician / Critical care (intensivists)	0.77	0.28	1.26	749,838	132,942	616,896
Physician assistant	0.57	0.33	0.82	559,637	158,337	401,300
Physician / Infectious disease	0.56	0.15	0.96	543,671	73,855	469,817
Physician / Allergy/immunology	0.55	0.77	0.33	531,932	368,725	163,207
Physician / General practice	0.17	0.08	0.26	166,410	40,162	126,249
Physician / Neurology	0.16	0.09	0.24	157,914	43,223	114,691
Physician / General surgery	0.12	0.05	0.19	116,531	25,916	90,615
Physician / Interventional cardiology	0.12	0.07	0.17	112,838	31,405	81,433
Physician / Nephrology	0.11	0.02	0.19	102,510	10,593	91,916
Physician / Geriatric medicine	0.10	0.04	0.16	98,763	19,396	79,366
Physician / Otolaryngology	0.08	0.07	0.08	76,165	34,896	41,269
Physician / Physical medicine/rehab	0.08	0.03	0.12	75,018	16,572	58,446
Physician / Cardiac electrophysiology	0.06	0.04	0.09	61,301	19,060	42,242
Physician / Anesthesiology	0.05	0.02	0.09	51,876	10,302	41,574
Physician / Gastroenterology	0.05	0.03	0.07	48,006	14,172	33,834
Physician / Hospice and palliative care	0.04	0.01	0.08	42,132	5,224	36,908
Physician / Hematology/oncology	0.04	0.02	0.06	39,301	10,618	28,683
Physician / Pediatric medicine	0.04	0.03	0.05	38,347	14,157	24,189
Physician / Endocrinology	0.03	0.01	0.05	27,914	3,578	24,336

**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
	PBPM (\$)			Total (\$)		
<b>Non-E&amp;M Practitioner Reimbursement</b>						
All Physicians & Practitioners	93.56	88.33	100.60	91,311,152	42,225,296	49,085,856
Primary Care Physician	2.91	2.26	3.60	2,837,027	1,079,950	1,757,077
Other physicians	62.95	57.01	70.06	61,437,056	27,253,756	34,183,300
Other practitioners	17.36	17.54	17.54	16,942,022	8,382,396	8,559,626
Other providers	10.34	11.52	9.40	10,095,047	5,509,194	4,585,853
By specialty code						
Ambulatory surgical center	10.18	11.34	9.25	9,935,435	5,421,791	4,513,644
Physician / Orthopedic surgery	8.85	9.00	8.87	8,634,306	4,303,977	4,330,330
Physical therapist in private practice	7.12	8.47	5.95	6,953,240	4,049,017	2,904,223
Physician / Anesthesiology	6.42	5.94	7.02	6,268,942	2,841,847	3,427,094
Physician / Ophthalmology	5.57	5.54	5.71	5,432,934	2,646,105	2,786,829
Physician / General surgery	4.59	3.96	5.31	4,483,835	1,892,142	2,591,692
Physician / Dermatology	4.41	4.43	4.48	4,307,539	2,119,470	2,188,069
CRNA	3.83	3.36	4.36	3,734,396	1,605,890	2,128,507
Podiatry	3.65	3.06	4.30	3,561,631	1,465,077	2,096,554
Physician / Radiation oncology	3.54	3.10	4.04	3,456,468	1,484,103	1,972,366
Physician / Cardiology	3.06	1.65	4.50	2,983,631	789,636	2,193,995
Physician / Gastroenterology	2.84	2.72	3.01	2,768,588	1,298,206	1,470,381
Physician / Otolaryngology	2.74	2.73	2.81	2,672,146	1,302,845	1,369,301
Physician / Urology	2.40	2.16	2.68	2,337,980	1,031,504	1,306,475
Physician / Neurosurgery	2.22	2.13	2.35	2,165,903	1,017,935	1,147,968
Physician / Vascular surgery	1.58	1.14	2.04	1,543,822	546,278	997,543
Physician / Internal medicine	1.48	1.19	1.79	1,441,354	568,063	873,291
Physician / Diagnostic radiology	1.35	1.10	1.62	1,313,253	524,642	788,612
Physician assistant	1.27	1.24	1.33	1,241,453	592,023	649,430
Physician / Hematology/oncology	1.22	0.76	1.69	1,185,835	363,436	822,399
Physician / Family practice	1.17	0.90	1.46	1,145,743	431,211	714,532
Physician / Interventional Pain Mgt	0.95	0.88	1.03	924,146	421,528	502,618
Physician / Physical medicine/rehab	0.86	0.99	0.76	842,125	473,121	369,005
Physician / Thoracic surgery	0.84	0.47	1.21	816,935	224,288	592,647
Physician / Obstetrics/gynecology	0.82	1.17	0.49	800,872	561,408	239,464

**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All	Without	With COPD	All	Without	With COPD
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	as a comorbidity
<b>Non-E&amp;M Practitioner Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	1.32	0.80	1.86	1,288,254	380,079	908,175
Primary Care Physician	0.23	0.14	0.32	220,580	66,551	154,029
Other physicians	0.96	0.57	1.36	933,011	270,491	662,521
Other practitioners	0.12	0.07	0.17	118,166	34,372	83,794
Other providers	0.02	0.02	0.02	16,497	8,665	7,832
By specialty code						
Physician / Pulmonary disease	0.24	0.13	0.35	235,430	62,389	173,041
Physician / Cardiology	0.15	0.09	0.21	145,393	41,994	103,399
Physician / Internal medicine	0.12	0.08	0.16	115,018	35,993	79,025
Physician / Allergy/immunology	0.11	0.13	0.10	111,702	60,988	50,714
Physician / Emergency medicine	0.10	0.04	0.16	99,347	20,282	79,065
Physician / Family practice	0.10	0.06	0.14	95,661	27,454	68,207
Physician / Anesthesiology	0.08	0.04	0.13	82,108	17,203	64,905
Physician / Otolaryngology	0.06	0.04	0.07	56,089	20,114	35,976
CRNA	0.06	0.03	0.09	56,005	13,388	42,617
Physician / Critical care (intensivists)	0.03	0.02	0.05	33,334	7,787	25,546
Physician / General surgery	0.03	0.00	0.06	32,908	2,191	30,717
Nurse practitioner	0.03	0.02	0.04	29,355	9,913	19,443
Physician / Interventional cardiology	0.03	0.02	0.04	29,329	10,268	19,061
Physician / Thoracic surgery	0.02	0.01	0.04	23,794	2,600	21,194
Physician assistant	0.02	0.01	0.02	17,543	6,123	11,420
Physician / Diagnostic radiology	0.02	0.00	0.03	16,709	1,885	14,824
Ambulatory surgical center	0.01	0.02	0.01	12,577	8,027	4,550
Physical therapist in private practice	0.01	0.01	0.01	11,640	4,554	7,086
Physician / Infectious disease	0.01	0.01	0.01	10,485	3,477	7,008
Physician / General practice	0.01	<0.01	0.01	9,454	3,028	6,426
Physician / Cardiac surgery	0.01	<0.01	0.02	8,905	597	8,309
Physician / Gastroenterology	0.01	0.01	0.01	8,741	5,136	3,606
Physician / Cardiac electrophysiology	0.01	0.01	0.01	7,503	2,606	4,897
Related non-E&M 83 Physician / Hematology/oncology	<0.01	<0.01	<0.01	4,159	1,961	2,198
Physician / Pediatric medicine	<0.01	0.01	<0.01	3,764	3,343	421

**Table 3B: Medicare Reimbursement for FFS Beneficiaries Previously Diagnosed with Asthma, 2015**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Other Part B Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Outpatient Emergency Department	36.06	26.79	45.87	35,191,005	12,808,650	22,382,355
Related to Asthma	19.27	14.02	24.81	18,810,773	6,703,840	12,106,932
Lab and tests	41.76	34.79	49.45	40,760,056	16,631,287	24,128,769
Part B drugs	0.56	0.30	0.82	542,618	142,148	400,470
Durable Medical Equipment	65.54	35.96	95.87	63,968,722	17,191,736	46,776,986
Other Part B services	252.28	210.52	298.36	246,218,057	100,635,218	145,582,839
<b>Part A Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Inpatient	768.59	396.52	1148.84	750,118,912	189,548,009	560,570,903
Related to Asthma	559.16	287.45	836.80	545,717,599	137,408,276	408,309,323
Skilled Nursing Facility	184.35	78.25	292.06	179,917,090	37,406,274	142,510,816
Home Health	128.36	62.73	195.28	125,273,359	29,988,601	95,284,758
Hospice	27.67	13.39	42.22	27,001,181	6,400,899	20,600,282
<b>Total Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Part A and B	1858.84	1139.08	2602.05	1,814,163,689	544,507,531	1,269,656,158
Part A	1108.96	550.90	1678.40	1,082,310,542	263,343,782	818,966,760
Part B	749.87	588.18	923.65	731,853,147	281,163,748	450,689,398

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

**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All	Without	With COPD	All	Without	With COPD
	Beneficiaries	COPD as a comorbidity	as a comorbidity	Beneficiaries	COPD as a comorbidity	as a comorbidity
Number of beneficiaries	83,000	40,532	42,468			
Months of eligibility in 2014	975,968	478,024	497,944			
Utilization	Events per 1,000 beneficiary months			Total number of events		
E&M visits (excludes FQHC/RHC/outpatient)	2,404.9	1,838.7	2,948.5	2,347,154	878,956	1,468,198
Primary care physicians	845.8	558.6	1,121.5	825,510	267,044	558,466
Other physicians	1,101.9	886.8	1,308.5	1,075,440	423,898	651,542
Other practitioners	401.3	342.2	458.2	391,697	163,559	228,138
Other Part B providers	55.8	51.2	60.4	54,507	24,455	30,052
Acute hospital inpatient stays	67.2	34.1	98.9	65,575	16,304	49,271
Related to Asthma	47.1	24.4	68.8	45,947	11,679	34,268
For septicemia	5.0	2.2	7.7	4,873	1,029	3,844
Emergency Department visits	159.6	107.7	209.4	155,771	51,482	104,289
Visits leading to an inpatient admission	50.5	22.5	77.3	49,255	10,776	38,479
Outpatient	109.1	85.2	132.2	106,516	40,706	65,810
Emergency Department visits related to Asthma	86.3	54.9	116.5	84,263	26,230	58,033
Visits leading to an inpatient admission	35.7	16.1	54.6	34,864	7,690	27,174
Outpatient ED visits	50.6	38.8	62.0	49,399	18,540	30,859
Observation stays	22.9	13.6	31.9	22,374	6,499	15,875
Observation stays leading to an inpatient admission	6.7	3.2	10.1	6,544	1,514	5,030
Outpatient observation stays	16.2	10.4	21.8	15,830	4,985	10,845
Observation stays related to Asthma	15.7	9.7	21.5	15,309	4,621	10,688
Stays leading to an inpatient admission	4.5	2.2	6.7	4,396	1,059	3,337
Outpatient stays	11.2	7.5	14.8	10,913	3,562	7,351
Skilled Nursing Facility stays	17.7	7.2	27.8	17,292	3,436	13,856
Home Health visits (unique service dates)	677.6	313.9	1,026.7	661,307	150,045	511,262
Hospice admissions	4.2	2.1	6.3	4,125	1,010	3,115

**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>E&amp;M Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	186.60	128.87	246.97	182,114,728	61,605,120	120,509,608
Primary care physician	65.49	40.79	91.02	63,911,385	19,499,761	44,411,624
Other physician	96.66	68.43	126.29	94,332,760	32,710,809	61,621,950
Other practitioner	21.76	17.23	26.64	21,235,663	8,236,414	12,999,249
Other provider	2.70	2.42	3.03	2,634,920	1,158,135	1,476,785
By specialty code						
Physician / Internal medicine	15.18	10.77	22.94	3,184,854	1,440,196	1,744,658
Physician / Family practice	6.79	5.44	9.14	1,423,465	727,947	695,518
Physician / Emergency medicine	5.00	3.57	7.53	1,049,763	476,944	572,818
Physician / Cardiology	4.26	2.93	6.58	892,918	392,328	500,590
Physician / Pulmonary disease	4.14	1.90	8.09	869,430	254,312	615,118
Nurse practitioner	3.00	2.38	4.10	629,876	317,911	311,965
Physician / Ophthalmology	2.39	2.44	2.29	500,928	326,886	174,043
Physician / Psychiatry	2.03	2.02	2.04	425,187	270,311	154,876
Physician assistant	1.61	1.36	2.05	337,930	181,739	156,191
Physician / Nephrology	1.31	0.93	1.97	274,111	124,043	150,069
Physician / Neurology	1.28	1.15	1.51	268,352	153,559	114,793
Physician / Hematology/oncology	1.24	0.97	1.73	261,140	129,577	131,562
Physician / Infectious disease	1.24	0.77	2.07	260,687	103,382	157,305
Physician / Orthopedic surgery	1.20	1.23	1.15	252,660	165,115	87,544
Physician / Physical medicine/rehab	1.14	0.91	1.53	238,327	122,111	116,216
Physician / Gastroenterology	1.10	0.91	1.44	231,562	122,248	109,314
Clinical psychologist	0.96	0.89	1.08	200,622	118,589	82,033
Podiatry	0.96	0.87	1.10	200,351	116,397	83,955
Optometry	0.92	0.89	0.98	193,116	118,622	74,495
Physician / General surgery	0.91	0.73	1.24	191,450	97,162	94,288
Physician / Urology	0.87	0.83	0.94	181,629	110,330	71,299
Licensed clinical social worker	0.83	0.89	0.72	174,452	119,424	55,027
Physician / Otolaryngology	0.71	0.71	0.72	149,398	94,584	54,814
Physician / Dermatology	0.70	0.76	0.58	145,962	101,581	44,381
Physician / Critical care (intensivists)	0.67	0.36	1.22	140,413	47,694	92,718

**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>E&amp;M Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	8.74	4.91	15.46	1,833,105	656,849	1,176,257
Primary Care Physician	3.51	1.88	6.39	737,320	251,049	486,271
Other physicians	4.78	2.76	8.32	1,002,202	368,987	633,216
Other practitioners	0.45	0.28	0.74	93,477	36,813	56,664
Other providers	0.00	0.00	0.00	106	0	106
By specialty code	0.00	0.00	0.00	0	0	0
Physician / Internal medicine	2.66	1.36	4.96	558,948	181,429	377,519
Physician / Pulmonary disease	1.97	0.99	3.68	412,267	132,539	279,729
Physician / Emergency medicine	1.14	0.69	1.94	239,148	91,596	147,551
Physician / Family practice	0.79	0.49	1.32	166,736	66,178	100,558
Physician / Cardiology	0.66	0.45	1.03	138,173	59,992	78,181
Physician / Critical care (intensivists)	0.38	0.19	0.71	79,871	26,068	53,803
Nurse practitioner	0.28	0.17	0.47	57,702	22,302	35,400
Physician assistant	0.17	0.11	0.27	34,629	14,435	20,194
Physician / Infectious disease	0.16	0.07	0.32	34,518	9,842	24,677
Physician / Allergy/immunology	0.10	0.13	0.06	22,021	17,821	4,200
Physician / Neurology	0.05	0.03	0.07	9,874	4,237	5,636
Physician / General surgery	0.04	0.02	0.08	8,319	2,523	5,796
Physician / Nephrology	0.04	0.01	0.08	8,164	1,757	6,407
Physician / Interventional cardiology	0.04	0.02	0.06	8,087	3,168	4,919
Physician / Anesthesiology	0.04	0.02	0.06	7,352	2,494	4,858
Physician / General practice	0.03	0.01	0.07	6,637	1,444	5,193
Physician / Physical medicine/rehab	0.03	0.02	0.04	6,199	2,911	3,288
Physician / Geriatric medicine	0.02	0.01	0.04	5,000	1,998	3,002
Physician / Otolaryngology	0.02	0.02	0.02	4,692	3,070	1,622
Physician / Cardiac electrophysiology	0.02	0.02	0.02	3,860	2,375	1,485
Physician / Gastroenterology	0.02	0.01	0.03	3,492	1,516	1,976
Physician / Hospice and palliative care	0.01	<0.01	0.02	1,808	573	1,235
Physician / Osteo. Manip. therapy	0.01	<0.01	0.02	1,747	551	1,196
Physician / Hematology/oncology	0.01	<0.01	0.01	1,694	566	1,128
Physician / Psychiatry	0.01	<0.01	0.01	1,464	628	836

**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Non-E&amp;M Practitioner Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	39.53	37.65	42.84	8,293,152	5,034,256	3,258,896
Primary Care Physician	1.15	1.02	1.37	240,510	136,228	104,281
Other physicians	26.43	24.70	29.46	5,543,652	3,302,958	2,240,693
Other practitioners	6.92	6.70	7.30	1,450,712	895,457	555,255
Other providers	5.04	5.23	4.72	1,058,278	699,613	358,666
By specialty code						
Ambulatory surgical center	4.98	5.18	4.63	1,045,455	692,968	352,487
Physical therapist in private practice	3.11	3.29	2.79	652,591	440,546	212,045
Physician / Orthopedic surgery	3.04	3.15	2.84	636,724	420,766	215,958
Physician / Anesthesiology	2.74	2.64	2.91	574,935	353,647	221,289
Physician / Ophthalmology	2.47	2.45	2.50	517,939	327,500	190,439
Physician / Dermatology	2.05	2.05	2.06	430,850	273,826	157,024
Physician / General surgery	2.04	1.90	2.28	426,959	253,490	173,468
Physician / Radiation oncology	1.98	1.78	2.32	414,978	238,406	176,572
CRNA	1.50	1.36	1.74	314,238	181,858	132,380
Podiatry	1.31	1.10	1.69	275,826	147,056	128,770
Physician / Gastroenterology	1.10	1.02	1.23	230,325	136,804	93,521
Physician / Cardiology	1.09	0.83	1.55	229,345	111,536	117,809
Physician / Urology	1.02	0.98	1.09	213,804	131,052	82,752
Physician / Otolaryngology	0.99	0.98	1.01	207,735	130,900	76,835
Physician / Neurosurgery	0.96	0.98	0.94	202,288	130,609	71,680
Physician / Vascular surgery	0.66	0.31	1.26	137,658	41,984	95,675
Physician / Diagnostic radiology	0.64	0.42	1.02	133,482	56,251	77,230
Physician / Internal medicine	0.57	0.52	0.67	120,458	69,550	50,908
Physician / Family practice	0.52	0.45	0.63	108,704	60,670	48,034
Physician / Thoracic surgery	0.48	0.37	0.67	99,677	48,988	50,689
Physician / Hematology/oncology	0.47	0.43	0.54	99,075	57,652	41,424
Physician assistant	0.47	0.44	0.51	98,112	58,999	39,114
Physician / Interventional radiology	0.40	0.37	0.47	84,587	48,961	35,626
Physician / Plastic/recon. surgery	0.39	0.36	0.44	81,701	48,494	33,207
Physician / Pain Management	0.35	0.38	0.32	74,189	50,163	24,026



**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Non-E&amp;M Practitioner Reimbursement Related to Asthma</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
All Physicians & Practitioners	0.51	0.31	0.85	106,568	41,550	65,018
Primary Care Physician	0.05	0.03	0.07	10,141	4,506	5,635
Other physicians	0.40	0.23	0.72	84,956	30,188	54,768
Other practitioners	0.05	0.05	0.05	10,660	6,542	4,118
Other providers	<0.01	<0.01	0.01	811	315	497
By specialty code						
Physician / Emergency medicine	0.08	0.04	0.16	17,373	5,555	11,818
Physician / Cardiology	0.07	0.06	0.08	14,469	8,232	6,236
Physician / Pulmonary disease	0.06	0.03	0.13	13,346	3,470	9,876
Physician / Anesthesiology	0.04	0.02	0.08	9,178	3,192	5,986
Physician / Internal medicine	0.03	0.02	0.05	6,377	2,358	4,019
Physician / General surgery	0.03	0.01	0.07	6,165	965	5,200
Physician / Otolaryngology	0.02	0.02	0.03	4,816	2,700	2,115
CRNA	0.02	0.01	0.04	4,673	1,372	3,302
Physician / Critical care (intensivists)	0.02	0.01	0.03	4,204	1,560	2,644
Physical therapist in private practice	0.02	0.03	0.00	3,824	3,824	0
Physician / Family practice	0.02	0.02	0.02	3,619	2,065	1,554
Physician / Thoracic surgery	0.01	0.00	0.03	2,535	0	2,535
Physician / Interventional cardiology	0.01	0.01	0.02	2,434	1,065	1,368
Physician / Diagnostic radiology	0.01	0.01	0.02	2,417	1,104	1,314
Physician / Infectious disease	0.01	0.00	0.03	2,147	0	2,147
Nurse practitioner	0.01	0.01	0.01	1,583	1,035	548
Physician / Cardiac electrophysiology	0.01	0.01	0.01	1,250	837	412
Physician / Gastroenterology	0.01	<0.01	0.01	1,060	181	879
Physician / Allergy/immunology	<0.01	<0.01	0.00	865	535	331
Ambulatory surgical center	<0.01	<0.01	0.01	645	163	481
Physician assistant	<0.01	<0.01	<0.01	458	311	146
Physician / Hematology/oncology	<0.01	<0.01	0.00	441	441	0
Physician / Cardiac surgery	<0.01	0.00	0.01	382	0	382
Physician / Colorectal surgery	<0.01	0.00	<0.01	352	0	352
Physician / Plastic/recon. surgery	<0.01	0.00	<0.01	319	0	319

**Table 3C: Medicare Reimbursement One Year Following Diagnosis, FFS Beneficiaries Diagnosed with Asthma in 2014**

Measure	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity	All Beneficiaries	Without COPD as a comorbidity	With COPD as a comorbidity
<b>Other Part B Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Outpatient Emergency Department	11.88	9.66	15.79	2,493,246	1,291,951	1,201,296
Related to Asthma	4.97	3.78	7.08	1,043,532	505,252	538,279
Lab and tests	16.46	14.50	19.91	3,453,543	1,938,756	1,514,787
Part B drugs	0.15	0.09	0.27	31,757	11,560	20,197
Durable Medical Equipment	20.50	13.12	33.47	4,300,695	1,754,417	2,546,279
Other Part B services	105.55	93.97	125.91	22,143,519	12,565,909	9,577,610
<b>Part A Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Inpatient	300.64	197.47	482.01	63,068,751	26,404,321	36,664,430
Related to Asthma	186.02	111.52	316.99	39,024,535	14,912,241	24,112,295
Skilled Nursing Facility	68.18	42.05	114.12	14,302,762	5,622,327	8,680,435
Home Health	55.10	37.41	86.20	11,559,810	5,002,984	6,556,826
Hospice	19.93	11.78	34.24	4,180,023	1,575,611	2,604,412
<b>Total Reimbursement</b>	<b>PBPM (\$)</b>			<b>Total (\$)</b>		
Part A and B	734.24	537.03	1080.92	154,030,543	71,808,999	82,221,544
Part A	443.85	288.71	716.56	93,111,347	38,605,243	54,506,104
Part B	290.39	248.32	364.36	60,919,197	33,203,756	27,715,440

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

Evaluation and management services defined by BETOS code Mxx.