

Appendix Table. Annual Volume of Episodes and Associated Spending by Episode Characteristics, 2009-2017

	Mean episodes per 1,000 beneficiaries, No.			Mean spending per episode			Mean episode-related spending per beneficiary		
	2009	2017	Relative change, %	2009, \$	2017, \$	Relative change, %	2009, \$	2017, \$	Relative change, %
No post-acute care use	169	129	-23.9	15,314	17,545	14.6	2,593	2,261	-12.8
Post-acute care use	157	138	-12.0	26,920	28,629	6.3	4,217	3,945	-6.4
Other	1	3	110.4	30,763	31,848	3.5	41	90	117.8
Planned	68	48	-28.8	23,065	26,536	15.1	1,562	1,280	-18.1
Unplanned	257	216	-16.1	20,267	22,431	10.7	5,207	4,836	-7.1
No ICU/CCU use	245	200	-18.3	18,452	20,880	13.2	4,519	4,176	-7.6
ICU/CCU use	81	67	-17.8	28,260	30,455	7.8	2,291	2,030	-11.4
Medical	233	190	-18.6	16,821	19,124	13.7	3,925	3,632	-7.5
Procedure	93	77	-17.1	31,148	33,538	7.7	2,885	2,575	-10.8
Nervous system	25	21	-17.1	21,300	24,500	15.0	532	508	-4.6
Respiratory system excluding pneumonia	34	28	-19.0	19,019	19,712	3.6	655	550	-16.0
Circulatory system	78	53	-31.8	20,220	24,056	19.0	1,570	1,274	-18.9
Digestive system	35	26	-24.5	18,145	19,047	5.0	635	503	-20.8
Musculoskeletal system	40	38	-6.3	26,731	27,681	3.6	1,074	1,041	-3.0
Endocrine, nutritional, and metabolic	13	10	-23.6	16,005	19,169	19.8	206	188	-8.5
Infectious and parasitic diseases excluding sepsis	4	5	18.8	32,479	38,483	18.5	131	184	40.8
Pneumonia or sepsis	25	30	20.7	19,722	21,701	10.0	490	650	32.8

Notes: Authors' analysis of traditional Medicare claims data. Episode window includes 30 days prior to hospitalization, hospital admission, and 90 days after discharge. Spending includes all Medicare A and B sectors, including Part D spending. Spending measures adjusted for payment rate

changes between 2009 and 2017. Relative changes between 2009 and 2017 are calculated based on unrounded values and cannot be directly calculated based on the rounded values reported in the annual amount columns for 2009 and 2017.

Abbreviations: ICU, intensive care unit; CCU, coronary care unit.