

Table 4.4: Number of Hospitalizations, Average Length of Hospital Stay (LOS), and Hospital Charges [1] for Arthritis and Other Rheumatic Condition (AORC) Diagnoses Among Adults Age 18 & Older, by Sex and Age, United States, 2011

	Hospitalizations						
	Total	Sex		Age			
		Male	Female	18 to 44 Years	45 to 64 Years	65 to 74 Years	75 & Older
Osteoarthritis and allied disorders (number in 1,000s)	3,161.1	1,140.1	2,020.9	87.2	917.6	798.0	1,360.2
Mean LOS (days)	4.6	4.5	4.7	4.0	4.2	4.4	5.1
Mean hospital charges (in 000s)	\$ 42.62	\$ 45.28	\$ 41.09	\$ 39.59	\$ 45.81	\$ 46.43	\$ 38.43
Total hospital charges (in billions)	\$ 134.7	\$ 51.6	\$ 83.0	\$ 3.5	\$ 42.0	\$ 37.1	\$ 52.3
Rheumatoid arthritis (number in 1,000s)	542.2	134.6	407.5	39.5	174.2	137.7	190.9
Mean LOS (days)	5.2	5.2	5.2	4.3	5.0	5.3	5.4
Mean hospital charges (in 000s)	\$ 42.59	\$ 45.26	\$ 41.70	\$ 34.57	\$ 45.28	\$ 46.70	\$ 38.86
Total hospital charges (in billions)	\$ 23.1	\$ 6.1	\$ 17.0	\$ 1.4	\$ 7.9	\$ 6.4	\$ 7.4
Gout and other crystal arthropathies (number in 1,000s)	873.4	577.3	296.2	33.8	234.7	221.6	383.4
Mean LOS (days)	5.4	5.4	5.5	4.8	5.3	5.4	5.5
134.7/291.0	\$ 43.54	\$ 45.64	\$ 39.48	\$ 40.07	\$ 46.79	\$ 46.98	\$ 39.87
Total hospital charges (in billions)	\$ 38.0	\$ 26.3	\$ 11.7	\$ 1.4	\$ 11.0	\$ 10.4	\$ 15.3
Joint pain, effusion and other unspecified joint disorders (number in 1,000s)	1,024.2	406.3	617.9	115.1	329.2	211.7	368.4
Mean LOS (days)	5.1	5.2	5.0	4.8	4.9	5.0	5.3
Mean hospital charges (in 000s)	\$ 38.55	\$ 41.16	\$ 36.26	\$ 35.35	\$ 40.74	\$ 42.75	\$ 35.18
Total hospital charges (in billions)	\$ 39.5	\$ 16.7	\$ 22.4	\$ 4.1	\$ 13.4	\$ 9.1	\$ 13.0
Spondylarthropathies (number in 1,000s)	539.0	239.6	299.4	50.8	204.3	117.5	166.5
Mean LOS (days)	4.6	4.8	4.5	3.7	4.2	4.9	5.3
Mean hospital charges (in 000s)	\$ 53.98	\$ 58.33	\$ 50.49	\$ 54.45	\$ 58.78	\$ 60.14	\$ 43.54
Total hospital charges (in billions)	\$ 29.1	\$ 14.0	\$ 15.1	\$ 2.8	\$ 12.0	\$ 7.1	\$ 7.2
Fibromyalgia (number in 1,000s)	448.8	48.0	400.8	91.5	221.8	81.0	54.6
Mean LOS (days)	4.6	5.1	4.5	4.3	4.5	4.8	5.0
Mean hospital charges (in 000s)	\$ 36.23	\$ 39.06	\$ 35.88	\$ 29.78	\$ 37.55	\$ 40.04	\$ 36.11
Total hospital charges (in billions)	\$ 16.3	\$ 1.9	\$ 14.4	\$ 2.7	\$ 8.3	\$ 3.2	\$ 2.0
Diffuse connective tissue disease (Sjögren's syndrome, SSC, SLE) (number in 1,000s)	283.6	36.2	247.5	78.5	115.3	48.4	41.5
Mean LOS (days)	5.6	6.0	5.5	5.3	5.6	5.9	5.7
Mean hospital charges (in 000s)	\$ 47.02	\$ 54.57	\$ 45.84	\$ 44.84	\$ 49.12	\$ 50.04	\$ 41.79
Total hospital charges (in billions)	\$ 13.3	\$ 2.0	\$ 11.3	\$ 3.5	\$ 5.7	\$ 2.4	\$ 1.7
Carpal tunnel syndrome (number in 1,000s)	39.3	*	*	*	*	*	*
Mean LOS (days)	4.5	*	*	*	*	*	*
Mean hospital charges (in 000s)	\$ 41.25	*	*	*	*	*	*
Total hospital charges (in billions)	\$ 1.6	*	*	*	*	*	*
Soft tissue disorders (excluding back) (number in 1,000s)	675.5	348.2	327.4	112.6	237.0	126.1	200.1
Mean LOS (days)	6.4	6.7	6.1	6.4	6.8	6.3	6.1
Mean hospital charges (in 000s)	\$ 53.50	\$ 57.09	\$ 49.98	\$ 53.62	\$ 59.68	\$ 56.90	\$ 44.00
Total hospital charges (in billions)	\$ 36.1	\$ 19.9	\$ 16.4	\$ 6.0	\$ 14.1	\$ 7.2	\$ 8.8
Other specified rheumatic conditions (number in 1,000s)	947.7	464.2	483.5	166.2	348.2	177.3	256.3
Mean LOS (days)	6.4	6.8	6.1	6.3	6.7	6.4	6.2
Mean hospital charges (in 000s)	\$ 53.86	\$ 57.96	\$ 50.09	\$ 53.01	\$ 58.90	\$ 57.48	\$ 45.11
Total hospital charges (in billions)	\$ 51.0	\$ 26.9	\$ 24.2	\$ 8.8	\$ 20.5	\$ 10.2	\$ 11.6
Total AORC Diagnoses (number in 1,000s)	6,614.0	2,631.8	3,982.1	582.5	2,135.2	1,502.5	2,396.4
Mean LOS (days)	5.0	5.2	4.9	4.9	4.8	5.0	5.3
Mean hospital charges (in 000s)	\$ 44.00	\$ 47.72	\$ 41.49	\$ 42.19	\$ 47.38	\$ 47.75	\$ 39.09
Total hospital charges (in billions)	\$ 291.0	\$ 125.6	\$ 165.2	\$ 24.6	\$ 101.2	\$ 71.7	\$ 93.7
All Hospitalizations (number in 1,000s)	32,896.3	13,294.1	19,570.9	9,385.3	9,694.0	5,374.3	8,442.3
Mean LOS (days)	4.8	5.2	4.5	3.6	5.0	5.2	5.4
Mean hospital charges (in 000s)	\$ 38.46	\$ 44.90	\$ 34.08	\$ 25.88	\$ 44.57	\$ 47.56	\$ 39.60
Total hospital charges (in billions)	\$ 1,265.2	\$ 596.9	\$ 667.0	\$ 242.9	\$ 432.1	\$ 255.6	\$ 334.3
Proportion Total Hospital Charges Attributed to AORC Hospital Stays	23%	21%	25%	10%	23%	28%	28%

* Estimates do not meet standards for reliability.

[1] Average charges are based on individual record discharges. The fees included may vary from patient to patient, but generally include hospital room, supplies, medications, laboratory fees, and care staff, such as nurses. They generally do not include professional fees (doctors) and non-covered charges. In a small proportion of the discharge cases, professional fees (doctors) are not removed from total charges because the data source cannot provide the information. Emergency charges incurred prior to admission to the hospital may be included in total charges. Medicare requires a bundled bill for Medicare patients admitted to the hospital through the emergency department; other payers may or may not have similar requirements.

Source: HCUP Nationwide Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2011. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp