

Table 2.5.2: Prevalence of Lumbar/Low Back Disorders [1] by Age, United States 2010

	Total	Age in Years					Ave Age for Dx
		<18	18-44	45-64	65-74	75 & over	
Hospital Discharges [2]							
Total Number of Hospital Discharges for Low Back Disorders (in 000s)							
Back Disorders	1,877.7	9.1	290.9	681.1	361.5	534.9	62.4
Disc Disorders	634.9	1.0	116.4	252.8	124.6	139.5	60.2
Back Injury	192.5	4.6	39.2	43.9	25.8	78.9	63.1
All Lumbar/Low Back Pain (4)	2,527.6	14.4	422.6	915.0	474.1	700.6	61.8
Rate Per 100 Patient Visits	6.5	0.3	4.5	9.4	8.8	8.3	
Diagnoses Per 100 U.S. Population [5]	0.8	0.0	0.4	1.1	2.2	3.8	
Emergency Department Visits [3]							
Total Number of Emergency Department Visits for Low Back Disorders (in 000s)							
Back Disorders	6,602.7	168.0	3,065.4	2,177.5	498.7	692.7	46.6
Disc Disorders	578.9	1.7	161.2	219.9	77.1	118.9	56.5
Back Injury	2,341.1	108.8	1,352.3	607.7	105.9	166.2	41.1
All Lumbar/Low Back Pain (4)	8,826.6	263.7	4,235.6	2,789.8	634.4	902.7	45.8
Rate Per 100 Patient Visits	6.8	1.0	8.1	9.6	7.1	6.9	
Diagnoses Per 100 U.S. Population [5]	2.9	0.4	3.7	3.4	2.9	4.8	
Total Health Care Visits for Lumbar/Low Back Pain, 2010/2011							
Total Number of Health Care Visits for Low Back Disorders (in 000s)							
Back Disorders	8,480.4	177.1	3,356.3	2,858.6	860.2	1,227.6	
Disc Disorders	1,213.8	2.7	277.6	472.7	201.7	258.4	
Back Injury	2,533.6	113.4	1,391.5	651.6	131.7	245.1	
All Lumbar/Low Back Pain (4)	11,354.2	278.1	4,658.2	3,704.8	1,108.5	1,603.3	
Rate Per 100 Patient Visits	6.8	0.9	7.6	9.6	7.8	7.4	
Diagnoses Per 100 U.S. Population [5]	3.7	0.4	4.1	4.5	5.1	8.6	

[1] Back disorders include inflammatory spine conditions, spondylosis, spinal stenosis, lumbago, sciatica, backache, and disorders of the sacrum (ICD-9-CM codes 720, 721, and 724). Disc disorders include herniation, disc degeneration, and post laminectomy syndromes (ICD-9-CM code 722). Back injuries include fractures, dislocation, and sprains (ICD-9-CM codes 805, 806, 839, 846, and 847). This division, while useful in analyzing the databases, may not always accurately reflect the primary diagnosis. Further, there is some overlap.

[2] 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

[3] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2010. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nedsoverview.jsp

[4] Total visit may be lower than sum of diagnoses due to multiple diagnoses per patient.

[5] Adjusted to 2010 U.S. Census Population Estimates. There is the potential for multiple diagnoses per person which is not accounted for.