

Table 2.5.1: Prevalence of Lumbar/Low Back Disorders [1] by Sex, United States 2010

	% of Total by		Prevalence		% of Total	
	Total	Resource [6]	Male	Female	Male	Female
Hospital Discharges [2]						
	Total Number of Hospital Discharges for Low Back Disorders (in 000s)					
Back Disorders	1,877.7	74%	796.3	1,080.9	42%	58%
Disc Disorders	634.9	25%	286.2	347.2	45%	55%
Back Injury	192.5	8%	85.5	106.9	44%	56%
All Lumbar/Low Back Pain (4)	2,527.6	107%	1,090.0	1,435.5	43%	57%
Rate Per 100 Patient Visits	6.5		6.7	6.4	103%	98%
Diagnoses Per 100 U.S. Population [5]	0.8		0.7	0.9		
Emergency Department Visits [3]						
	Total Number of Emergency Department Visits for Low Back Disorders (in 000s)					
Back Disorders	6,602.7	75%	2,761.2	3,841.0	42%	58%
Disc Disorders	578.9	7%	250.0	328.8	43%	57%
Back Injury	2,341.0	27%	1,066.7	1,274.3	46%	54%
All Lumbar/Low Back Pain (4)	8,826.6	108%	3,759.6	5,066.4	43%	57%
Rate Per 100 Patient Visits	6.8		6.5	7.1	96%	104%
Diagnoses Per 100 U.S. Population [5]	2.9		2.5	3.2		
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	75%	3,557.5	4,921.9	42%	58%
Disc Disorders	1,213.8	11%	536.2	676.0	44%	56%
Back Injury	2,533.5	22%	1,152.2	1,381.2	45%	55%
All Lumbar/Low Back Pain (4)	11,354.2	108%	4,849.6	6,501.9	43%	57%
Rate Per 100 Patient Visits	6.8		6.6	6.9	0%	0%
Diagnoses Per 100 U.S. Population [5]	3.7		3.2	4.1		

[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.