

**Table 9A.2: Spine Conditions, by Sex, United States**

	<u>Male</u>	<u>Female</u>	<u>Total</u>
<b>Total Number of Health Care Visits for Low Back Disorders, all Ages, 2010 (in 000s) [1,2]</b>			
Back Disorders	17,394.8	22,209.3	39,603.9
Disc Disorders	4,950.5	4,755.8	9,706.4
Back Injury	3,625.6	3,865.8	7,491.5
All Lumbar/Low Back Pain (3)	23,669.1	28,509.0	52,178.2
% of Total Visits	45%	55%	
Rate per 100 Persons	15.6	18.1	16.9
<b>Total Health Care Visits for Neck and Cervical Spine Disorders, All Ages, 2010 (in 000s) [2,4]</b>			
Cervical Disorders	4,542.6	6,012.2	10,554.8
Cervical Disc Disorders	1,387.3	1,060.4	2,447.7
Neck Injury	2,051.4	2,141.5	4,192.9
All Cervical/Neck Pain [3]	7,317.5	8,992.9	16,310.5
% of Total Visits	45%	55%	
Rate per 100 Persons	4.8	5.7	5.3
<b>Bed Days [5] Due to Spine Pain or Problems [6] for Persons Aged 18 and Over [7]</b>			
Persons Reporting Bed Days (in 000s)	9,418	13,049	22,467
% of Workforce with Bed Days	11.3%	17.2%	14.2%
Mean Bed Days	7.4	7.8	7.6
Total Bed Days (in millions)	69.7	101.8	170.7
% of Total Bed Days	41%	60%	
<b>Lost Work Days [8] Due to Spine Pain or Problems [9] for Persons Aged 18 and Over [7]</b>			
Persons Reporting Lost Work Days (in 000s)	11,424	14,089	25,513
% of Workforce with Lost Work Days	13.8%	18.6%	16.1%
Mean Work Days Lost	11.9	11.0	11.4
Total Work Days Lost (in millions)	135.9	155.0	290.8
% of Total Lost Work Days	47%	53%	
<b>Hospital Discharges with Back Pain Diagnoses Where Discharge Included Surgical Procedure [10]</b>			
All Back Pain Discharges	1,367	1,816	3,186
Discharges with Spine Fusion Procedure [14]	226	262	488
% Diagnoses with Spinal Fusion Procedure	16.5%	14.4%	15.3%

[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] **Sources:** National Hospital Discharge Survey (NHDS), 2010. [www.cdc.gov/nchs/nhds/nhds\\_questionnaires.htm](http://www.cdc.gov/nchs/nhds/nhds_questionnaires.htm) April 23, 2013; National Hospital Ambulatory Medical Care Survey\_Emergency Department (NHAMCS\_ED), 2010. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) April 23, 2013; National Hospital Ambulatory Medical Care Survey\_Outpatient Department (NHAMCS\_OP), 2010. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) April 23, 2013; National Ambulatory Medical Care Survey (NAMCS), 2010. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) April 23, 2013.

[3] Total visits may be lower than sum of diagnoses due to multiple diagnoses per patient. Visits also do not include those made to other types of medical care providers, such as chiropractic or physical therapy.

[4] In presenting health care resource utilization for cervical pain, three categories of cervical pain are addressed. One is labeled cervical disc disorders, and includes disc displacement, herniation, and disc degeneration (ICD-9-CM code 722). A second group is cervical injuries, and includes sprains, strains, and fractures (ICD-9-CM codes 805, 806, 839, and 847). A third group, referred to as cervical disorders, includes pain caused by other disease entities, including cervical spondylosis and stenosis (ICD-9-CM codes 721 and 723).

[5] A bed day is defined as 1/2 or more days in bed due to injury or illness in past 12 months, excluding hospitalization.

[6] Replied "yes" when ask "During the PAST THREE MONTHS, did you have ...Low back pain?/ Neck pain?"

[7] **Source:** National Health Interview Survey (NHIS)\_Adult sample, 2012. [www.cdc.gov/nchs/nhis/nhis\\_2012\\_data\\_release.htm](http://www.cdc.gov/nchs/nhis/nhis_2012_data_release.htm) July 2, 2013.

[8] A missed work day is defined as absence from work due to illness or injury in the past 12 months, excluding maternity or family leave.

[9] **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](http://www.hcup-us.ahrq.gov/nisoverview.jsp)

[10] ICD-9-CM codes 8100 thru 8108; 8130 thru 8138.