

Table 2.6.2: Prevalence of Neck and Cervical Spine 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 Cervical Pain Disorders (in 000s)							
Cervical Disorders	421.0	4.7	59.0	179.7	79.2	98.3	60.9
Cervical Disc Disorders	229.8	*	42.8	116.8	36.6	33.3	57.5
Neck Injury	74.9	2.6	20.8	19.4	8.7	23.5	57.5
All Cervical/Neck Pain [4]	659.2	7.3	111.8	281.3	113.1	145.7	59.6
Rate Per 100 Patient Visits	1.7	0.1	1.2	2.9	2.1	1.7	
Diagnoses Per 100 U.S. Population [5]	0.2	0.0	0.1	0.3	0.5	0.8	

Emergency Department Visits [3]							
Total Number of Emergency Department Visits for Cervical Pain Disorders (in 000s)							
Cervical Disorders	1,786.4	115.0	769.4	563.4	140.1	198.4	45.8
Cervical Disc Disorders	216.0	0.3	44.8	90.2	30.3	50.4	59.3
Neck Injury	1,750.5	173.3	973.6	434.3	78.7	90.5	38.4
All Cervical/Neck Pain [4]	3,467.7	272.0	1,660.3	997.0	226.8	311.4	43.0
Rate Per 100 Patient Visits	2.7	1.1	3.2	3.4	2.5	2.4	
Diagnoses Per 100 U.S. Population [5]	1.1	0.4	1.5	1.2	1.0	1.7	

Total Health Care Visits for Neck and Cervical Spine Disorders, 2010/2011

Total Number of Health Care Visits for Cervical Pain Disorders (in 000s)							
Cervical Disorders	2,207.4	119.7	828.4	743.1	219.3	296.7	
Cervical Disc Disorders	445.8	0.5	87.6	207.0	66.9	83.7	
Neck Injury	1,825.4	175.9	994.4	453.7	87.4	114.0	
All Cervical/Neck Pain [4]	4,126.9	279.3	1,772.1	1,278.3	339.9	457.1	
Rate Per 100 Patient Visits	2.5	0.9	2.9	3.3	2.4	2.1	
Diagnoses Per 100 U.S. Population [5]	1.3	0.4	1.6	1.6	1.6	2.5	

* Does not meet standards for reliability.

[1] 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).

[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.