

Table 2B.6.0: Healthcare Visits for Conditions Contributing to Curvature of Spine Disorders, United States, 2013

	Healthcare Visits with Diagnosis of Condition Contributing to Spinal Deformity Diagnosis (in 000s)			% of Total	
	Total	Scoliosis	Sagittal Deformity	Scoliosis	Sagittal Deformity
Hospital Discharges, 2013 [1]					
	Total Hospital Discharges				
Congenital anomalies	194.1	18.1	1.5	9.3%	0.8%
Spinal fractures	223.2	2.9	7.1	1.3%	3.2%
Spinal infection	83.3	1.3	2.9	1.6%	3.5%
Spondylopathies	346.6	3.9	14.5	1.1%	4.2%
Complications of surgery	594.1	7.7	13.4	1.3%	2.3%
All Conditions Contributing to Spinal Deformity	1,391.5	31.5	36.4	2.3%	2.6%
Rate Per 100 Patient Visits	3.91	0.09	0.10		
Diagnoses Per 100 U.S. Population [6]	0.44	0.01	0.02		
Emergency Department Visits, 2013 [2]					
	Total Emergency Department Visits				
Congenital anomalies	307.1	15.4	0.7	5.0%	0.2%
Spinal fractures	395.3	3.7	5.6	0.9%	1.4%
Spinal infection	96.5	1.2	1.3	1.2%	1.3%
Spondylopathies	1,886.9	7.8	5.4	0.4%	0.3%
Complications of surgery	480.0	2.0	1.1	0.4%	0.2%
All Conditions Contributing to Spinal Deformity	3,122.8	29.0	13.3	0.9%	0.4%
Rate Per 100 Patient Visits	2.32	0.02	0.01		
Diagnoses Per 100 U.S. Population [6]	0.99	0.01	0.00		
Hospital Ambulatory Care Visits, 2008-2011 [3]					
	Total Number Outpatient Department Visits				
Congenital anomalies	349.7	*	*	*	*
Spinal fractures	115.0	*	*	*	*
Spinal infection	119.1	*	*	*	*
Spondylopathies	822.2	*	*	*	*
Complications of surgery	274.3	*	*	*	*
All Conditions Contributing to Spinal Deformity	1,669.7	*	*	*	*
Rate Per 100 Patient Visits	1.33	*	*		
Diagnoses Per 100 U.S. Population [6]	0.53	*	*		

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	Healthcare Visits with Diagnosis of Condition Contributing to Spinal Deformity Diagnosis (in 000s)			% of Total	
	Total	Scoliosis	Sagittal Deformity	Scoliosis	Sagittal Deformity
Physician Office Visits, 2008-2014 [4]					
	Total Number of Physician Visits				
Congenital anomalies	843.6	*	*	*	*
Spinal fractures	653.8	*	*	*	*
Spinal infection	1,438.0	*	*	*	*
Spondylopathies	9,933.9	*	*	*	*
Complications of surgery	1,634.0	*	*	*	*
All Conditions Contributing to Spinal Deformity	14,272.5	*	*	*	*
Rate Per 100 Patient Visits	1.55	*	*		
Diagnoses Per 100 U.S. Population [6]	4.51	*	*		
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Total Health Care Visits for Spinal Deformity Disorders	Total Number of Health Care Visits All Sources				
Congenital anomalies	1,694.5	33.5	2.2	2.0%	0.1%
Spinal fractures	1,387.3	6.6	12.7	0.5%	0.9%
Spinal infection	1,736.9	2.5	4.2	0.1%	0.2%
Spondylopathies	12,989.6	11.7	19.9	0.1%	0.2%
Complications of surgery	2,982.4	9.7	14.5	0.3%	0.5%
All Conditions Contributing to Spinal Deformity	20,456.5	60.5	49.7	0.3%	0.2%
Rate Per 100 Patient Visits	1.68	0.00	0.00		
Diagnoses Per 100 U.S. Population [6]	6.47	0.02	0.02		

* Estimate does not meet standards for reliability

[1] Source: HCUP National Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp

[2] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nedsoverview.jsp

[3] Source: National Hospital Ambulatory Medical Care Survey_Outpatient Department (NHAMCS_OP), 2011. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm May 23, 2016. Mean weighted cases per year.

[4] Source: National Ambulatory Medical Care Survey (NAMCS), 2013. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm January 14, 2016. Mean weighted cases per year.

[5] Total visits may be lower than sum of diagnoses due to multiple diagnoses per patient

[6] Source: United States: 2010 Summary Population and Housing Characteristics, 2010 Census of Population and Housing. Issued January 2013. United States Census Bureau, U. S. Department of Commerce. <http://www.census.gov/prod/cen2010/cph-1-1.pdf> (September 16, 2013) Adjusted to 2010 U.S. Census Population Estimates. There is the potential for multiple diagnoses per person which is not accounted for.