

**Table 7B.3: Health Care Visits for Spinal Deformity Conditions, by Age, United States 2013**

	Total Visits (in 000s) by Age					% of Total by Age			
	Total	<18	18-44	45-64	65 & Over	<18	18-44	45-64	65 & Over
<b>Total Health Care Visits for Spinal Deformity Disorders [1]</b>									
Congenital anomalies	1,694.5	673.3	613.3	286.1	120.80	40%	36%	17%	7%
Spinal bifida	285.5	*	*	*	*	*	*	*	*
Neurofibromatosis	132.2	*	*	*	*	*	*	*	*
Cerebral palsy	848.2	319.0	297.4	*	*	38%	35%	*	*
Prader-Willi	11.50	*	*	*	*	*	*	*	*
Marfan disease	33.10	*	*	*	*	*	*	*	*
Muscular dystrophy	141.7	*	*	*	*	*	*	*	*
Congenital anomaly unspecified	252.7	*	*	*	*	*	*	*	*
Curvature of spine	3,228.7	722.8	590.1	876.8	1,039.0	22%	18%	27%	32%
Idiopathic scoliosis	1,801.7	634.9	419.4	*	406.40	35%	23%	*	23%
Acquired/secondary scoliosis	217.5	*	*	*	*	*	*	*	*
Kyphosis	196.9	*	*	*	*	*	*	*	*
Lordosis	7.5	*	*	*	*	*	*	*	*
Spondylolisthesis	988.4	*	*	422.9	*	*	*	43%	*
Spinal fractures	1,387.3	36.0	295.6	379.6	676.1	3%	21%	27%	49%
Vertebral compression fractures	1,350.2	*	*	371.7	659.3	*	*	28%	49%
Traumatic fractures	25.8	*	*	*	*	*	*	*	*
Spinal infection	1,736.9	16.70	423.9	831.2	465.3	1%	24%	48%	27%
Tuberculosis of spine	1.4	*	*	*	*	*	*	*	*
Intraspinal abscess	29.5	*	*	*	*	*	*	*	*
Osteomyelitis	46.90	*	*	*	*	*	*	*	*
Discitis	1,626.7	*	*	782.9	*	*	*	48%	*
Complications of surgery	2,982.4	245.4	774.2	1,125.0	837.6	8%	26%	38%	28%
Spondylopathies	12,989.6	525.0	3,615.1	6,055.7	2,793.7	4%	28%	47%	22%
All Spinal Deformity Disorders (2)	23,383.2	2,165.6	6,139.1	9,282.8	5,804.5	9%	26%	40%	25%
Rate Per 100 Patient Visits	1.9	1.0	1.9	2.6	1.8				
Diagnoses Per 100 U.S. Population [3]	7.4	2.9	5.3	11.2	13.0				

\* Estimate does not meet standards for reliability

[1] Includes hospital discharges, emergency department visits, outpatient department visits, and physician office visits.

**Sources: Hospital visits:** 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](http://www.hcup-us.ahrq.gov/nisoverview.jsp)

**Emergency Department Visits:** 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](http://www.hcup-us.ahrq.gov/nedsoverview.jsp)

**Outpatient Visits:** National Hospital Ambulatory Medical Care Survey\_Outpatient Department (NHAMCS\_OP), 2008-2011. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) May 23, 2016. Mean weighted cases per year.

**Physician Office Visits:** National Ambulatory Medical Care Survey (NAMCS), 2008-2014. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) January 14, 2016. Mean weighted cases per year.

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

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