

**Table 3.2.2: Prevalence of Curvature of Spine for Two Classification Systems by Sex and Age, United States 2010/2011**

NIS-Hospitalizations [1]	TOTAL [3]	Sex		Age					Ave Age	% Total Diagnoses
		Male	Female	<18	18-44	45-64	65-74	75 & over		
Curvature of spine	227.7	60.8	166.7	20.1	40.4	49.5	36.9	80.7	60.0	
Adolescent	*	*	*	*	*	*	*	*	38.1	*
Kyphosis/Lordosis	51.7	15.2	36.5	0.9	3.7	11.1	8.8	27.2	71.3	22.7%
Scoliosis	178.9	46.3	132.4	19.3	36.9	39.1	28.9	54.5	56.4	78.6%
<b>NEDS-Emergency Departments [2]</b>										
Curvature of spine	241.8	63.5	178.3	19.4	86.3	47.2	21.6	67.3	51.8	
Adolescent	*	*	*	*	*	*	*	*	42.8	*
Kyphosis/Lordosis	30.9	8.0	22.9	0.6	3.3	4.4	3.9	19.7	72.2	12.8%
Scoliosis	212.3	55.8	156.4	18.9	83.2	43.0	17.8	49.3	48.9	87.8%
<b>Total All Source Visits</b>										
Curvature of spine	469.5	124.3	345.0	39.5	126.7	96.7	58.5	148.0		
Adolescent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0%
Kyphosis/Lordosis	82.6	23.2	59.4	1.5	7.0	15.5	12.7	46.9		17.6%
Scoliosis	391.2	102.1	288.8	38.2	120.1	82.1	46.7	103.8		83.3%
<b>Diagnoses Per 100 U.S. Population [4]</b>										
Curvature of spine	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.8		
Adolescent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Kyphosis/Lordosis	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3		
Scoliosis	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.6		

NIS-Hospitalizations [1]	TOTAL [3]	Sex		Age					Ave Age	% Total Diagnoses
		Male	Female	<18	18-44	45-64	65-74	75 & over		
Curvature of spine	229.1	61.3	167.6	20.1	40.7	50.0	37.1	81.0	59.6	
Idiopathic	155.9	38.8	116.9	16.1	34.4	33.8	23.7	47.9	56.2	68.0%
Acquired	66.0	20.6	45.4	3.4	5.8	14.9	12.2	29.5	67.0	28.8%
Secondary	10.5	2.8	7.7	0.9	0.8	2.1	1.9	4.8	66.0	4.6%
<b>NEDS -Emergency Departments [2]</b>										
Curvature of spine	247.2	65.2	182.0	19.7	88.1	48.2	22.1	69.0	51.9	
Idiopathic	199.8	52.2	147.6	17.5	79.1	40.4	16.5	46.3	48.9	80.8%
Acquired	41.1	11.4	29.7	1.8	7.9	6.7	4.7	20.0	65.0	16.6%
Secondary	8.1	2.0	6.1	0.6	1.7	1.4	1.0	3.4	61.4	3.3%
<b>Total All Source Visits</b>										
Curvature of spine	476.3	126.5	349.6	39.8	128.8	98.2	59.2	150.0		
Idiopathic	355.7	91.0	264.5	33.6	113.5	74.2	40.2	94.2		74.7%
Acquired	107.1	32.0	75.1	5.2	13.7	21.6	16.9	49.5		22.5%
Secondary	18.6	4.8	13.8	1.5	2.5	3.5	2.9	8.2		3.9%
<b>Diagnoses Per 100 U.S. Population [4]</b>										
Curvature of spine	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.8		
Idiopathic	0.1	0.1	0.2	0.0	0.1	0.1	0.2	0.5		
Acquired	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3		
Secondary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

\* Estimate does not meet standards for reliability.

[1] 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)

[2] 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](http://www.hcup-us.ahrq.gov/nedsoverview.jsp)

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

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