

Table 9B.3: Health Care Visits for Spinal Deformity Conditions for Persons Age 18 and Over, by Age, United States 2010/2011

HEALTH CARE VISITS

	Total Visits (in 000s)					% of Total			
	Total	18-44	45-64	65-74	75 & over	18-44	45-64	65-74	75 & over
Total Health Care Visits for Spinal Deformity Disorders [1]									
Curvature of spine	1,609.5	460.7	464.1	232.4	452.3	29%	29%	14%	28%
Idiopathic	1,201.5	424.0	310.1	171.8	295.6	35%	26%	14%	25%
Acquired	368.9	32.2	151.6	58.4	126.7	9%	41%	16%	34%
Secondary	79.4	5.4	4.0	2.9	67.1	7%	5%	4%	85%
Spondylolisthesis	764.3	72.6	302.2	231.1	158.4	9%	40%	30%	21%
Spinal fractures	906.6	184.9	206.9	124.7	390.1	20%	23%	14%	43%
Vertebral compression fractures	870.2	175.5	201.4	110.9	382.4	20%	23%	13%	44%
Traumatic fractures	41.0	11.2	6.9	14.4	8.5	27%	17%	35%	21%
Spinal infection	1,857.8	359.2	847.8	398.5	252.3	19%	46%	21%	14%
Tuberculosis of spine	2.1	0.3	0.7	0.2	0.9	14%	33%	10%	43%
Intraspinal abscess	25.6	4.1	12.6	5.4	3.5	16%	49%	21%	14%
Acute osteomyelitis	23.6	2.0	15.5	3.1	3.0	8%	66%	13%	13%
Chronic osteomyelitis	51.3	11.4	19.7	15.2	5.0	22%	38%	30%	10%
Discitis	1,770.0	343.3	805.9	377.7	243.1	19%	46%	21%	14%
Complications of surgery	181.6	56.7	49.7	21.8	53.4	31%	27%	12%	29%
Spondylopathies	10,533.4	3,149.7	5,084.4	1,187.5	1,111.8	30%	48%	11%	11%
All Spinal Deformity Disorders [2]	15,502.7	4,210.1	6,790.4	2,149.6	2,352.6	27%	44%	14%	15%
Rate Per 100 Patient Visits	1.2	1.2	1.9	1.4	1.5				
Diagnoses Per 100 U.S. Population [3]	5.0	3.7	8.3	9.8	12.6				

CURVATURE OF SPINE

	Total Visits (in 000s)					Ave Age	% Total Diagnoses
	TOTAL [2]	18-44	45-64	65-74	75 & over		
NIS-Hospitalizations [1A]							
Curvature of spine	208.8	40.7	50.0	37.1	81.0	59.6	
Idiopathic	139.8	34.4	33.8	23.7	47.9	56.2	67%
Acquired	62.4	5.8	14.9	12.2	29.5	67.0	30%
Secondary	9.6	0.8	2.1	1.9	4.8	66.0	5%
NEDS -Emergency Departments [1B]							
Curvature of spine	227.4	88.1	48.2	22.1	69.0	51.9	
Idiopathic	182.3	79.1	40.4	16.5	46.3	48.9	80%
Acquired	39.3	7.9	6.7	4.7	20.0	65.0	17%
Secondary	7.5	1.7	1.4	1.0	3.4	61.4	3%
Total All Source Visits [2]							
Curvature of spine	436.2	128.8	98.2	59.2	150.0		
Idiopathic	322.1	113.5	74.2	40.2	94.2		74%
Acquired	101.7	13.7	21.6	16.9	49.5		23%
Secondary	17.1	2.5	3.5	2.9	8.2		4%
Diagnoses Per 100 U.S. Population [3]							
Curvature of spine	0.2	0.1	0.1	0.3	0.8		
Idiopathic	0.1	0.1	0.1	0.2	0.5		
Acquired	0.0	0.0	0.0	0.1	0.3		
Secondary	0.0	0.0	0.0	0.0	0.0		

HOSPITAL DISCHARGE STATUS [1A]

	Total Discharges (in 000s)				
	TOTAL	18-44	45-64	65-74	75 & over
All Spinal Deformity Disorders	1,141.7	184.4	368.7	205.9	342.1
Routine/discharge home	53%	77%	66%	48%	27%
Discharge/transferred to short-term facility	2%	2%	3%	3%	2%
Discharge/transferred to long-term care institution	27%	10%	15%	29%	49%
Home health care	15%	9%	14%	18%	18%
Other discharge status	2%	3%	2%	2%	3%
All Diagnoses Discharges	38,526.8	9,370.2	9,680.0	5,365.6	8,425.6
Routine/discharge home	70%	90%	72%	57%	38%
Discharge/transferred to short-term facility	2%	1%	3%	3%	2%
Discharge/transferred to long-term care institution	14%	3%	10%	19%	36%
Home health care	11%	4%	12%	17%	19%
Other discharge status	3%	2%	3%	3%	5%
Ratio Spinal Deformity Disorder Disposition to All Diagnoses Discharge Dispositions					
Routine/discharge home	0.76	0.86	0.92	0.83	0.70
Discharge/transferred to short-term facility	1.14	1.83	1.00	0.90	0.96
Discharge/transferred to long-term care institution	1.92	3.38	1.50	1.51	1.37
Home health care	1.38	2.21	1.16	1.06	0.97
Other discharge status	0.86	1.19	0.64	0.69	0.73

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

Sources: **1A: Hospital visits:** 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

1B: Emergency Department Visits: 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

1C: Outpatient Visits: National Hospital Ambulatory Medical Care Survey_Outpatient Department (NHAMCS_OP), 2008, 2009, 2010. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm April 23, 2013.

1D: Physician Office Visits: National Ambulatory Medical Care Survey (NAMCS), 2008, 2009, 2010. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm April 23, 2013.

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

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