

**Table 5B.2.4:** Healthcare Visits for Musculoskeletal Injuries by Type of Injury, Healthcare Source, and Region, United States 2013

	Total Number Hospital Discharges for Musculoskeletal Injuries (in 000s)					% of Total			
	Total	Northeast	Midwest	South	West	Northeast	Midwest	South	West
<b>Hospital Discharges [1]</b>									
Fractures	1,042.7	189.9	230.6	405.4	217.1	18%	22%	39%	21%
Dislocations	42.6	7.1	9.3	17.1	9.2	17%	22%	40%	22%
Sprains & Strains	86.2	15.5	22.0	31.6	17.1	18%	26%	37%	20%
Contusions	204.4	35.8	50.5	75.3	42.7	18%	25%	37%	21%
Open Wounds	232.1	37.3	50.7	94.9	49.3	16%	22%	41%	21%
All Other Musculoskeletal Injuries [5]	217.6	36.5	49.9	80.4	50.9	17%	23%	37%	23%
All Musculoskeletal Injuries [6]	1,601.3	287.2	363.8	616.5	334.1	18%	23%	38%	21%
Rate Per 100 Patient Visits	4.5	4.3	4.5	4.5	4.7				
Diagnoses Per 100 U.S. Population [6]	0.5	0.5	0.5	0.5	0.4				
<b>Emergency Department Visits [2]</b>									
	Total Number of Emergency Department Visits for Musculoskeletal Injuries (in 000s)								
Fractures	4,022.7	767.8	938.8	1,502.3	813.9	19%	23%	37%	20%
Dislocations	422.4	86.6	90.3	151.5	94.0	21%	21%	36%	22%
Sprains & Strains	4,310.8	913.5	999.6	1,735.5	662.2	21%	23%	40%	15%
Contusions	4,751.4	933.1	1,076.5	1,958.9	782.8	20%	23%	41%	16%
Open Wounds	3,666.7	759.8	868.3	1,330.8	707.9	21%	24%	36%	19%
All Other Musculoskeletal Injuries [5]	4,041.8	794.1	880.3	1,715.9	651.5	20%	22%	42%	16%
All Musculoskeletal Injuries [6]	18,946.9	3,899.9	4,396.8	7,289.0	3,361.3	21%	23%	38%	18%
Rate Per 100 Patient Visits	14.0	15.1	14.3	13.5	13.7				
Diagnoses Per 100 U.S. Population [6]	6.0	7.0	6.5	6.2	4.5				
<b>Hospital Outpatient Visits [3]</b>									
	Total Number of Outpatient Department Visits for Musculoskeletal Injuries (in 000s)								
Fractures	1,739.4	364.1	597.9	443.2	334.1	21%	34%	25%	19%
Dislocations	324.1	139.0	105.9	55.8	23.3	43%	33%	17%	7%
Sprains & Strains	1,276.5	247.9	640.7	227.2	160.7	19%	50%	18%	13%
Contusions	407.3	54.6	184.2	95.9	72.7	13%	45%	24%	18%
Open Wounds	1,274.7	143.0	578.5	209.7	343.5	11%	45%	16%	27%
All Other Musculoskeletal Injuries [5]	848.4	208.3	340.3	191.2	108.7	25%	40%	23%	13%
All Musculoskeletal Injuries [6]	5,593.4	1,077.2	2,321.0	1,192.9	1,002.3	19%	41%	21%	18%
Rate Per 100 Patient Visits	4.4	3.0	6.7	3.4	5.1				
Diagnoses Per 100 U.S. Population [6]	1.8	1.9	3.4	1.0	1.3				

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	Total Number Hospital Discharges for Musculoskeletal Injuries (in 000s)					% of Total			
	Total	Northeast	Midwest	South	West	Northeast	Midwest	South	West
<b>Physician Office Visits [4]</b>	Total Number of Physician Visits for Musculoskeletal Injuries (in 000s)								
Fractures	9,734.8	2,907.9	1,658.3	3,653.1	1,515.6	30%	17%	38%	16%
Dislocations	2,835.5	402.2	333.5	881.8	1,217.9	14%	12%	31%	43%
Sprains & Strains	12,028.6	2,406.4	2,248.8	2,856.7	4,516.7	20%	19%	24%	38%
Contusions	3,694.9	478.6	497.4	989.4	1,432.4	13%	13%	27%	39%
Open Wounds	3,597.3	676.9	823.2	1,157.0	940.2	19%	23%	32%	26%
All Other Musculoskeletal Injuries [5]	7,457.2	1,659.6	1,156.5	1,733.0	2,908.1	22%	16%	23%	39%
All Musculoskeletal Injuries [6]	36,519.0	7,920.6	6,648.4	10,594.7	11,355.3	22%	18%	29%	31%
Rate Per 100 Patient Visits	4.0	4.0	3.7	3.2	5.3				
Diagnoses Per 100 U.S. Population [6]	11.6	14.2	9.8	8.9	15.3				
<b>Total Health Care Visits for Musculoskeletal Injuries, 2013</b>									
	Total Number of Health Care Visits for Musculoskeletal Injuries (in 000s)								
Fractures	15,539.5	4,229.7	3,425.6	6,004.0	2,880.7	Fractures		Fractures	
Dislocations	3,668.2	634.9	539.0	1,106.2	1,344.4	Dislocations		Dislocations	
Sprains & Strains	17,820.3	3,583.3	3,911.1	4,851.0	5,356.7	Sprains & Strains		Sprains & Strains	
Contusions	9,085.7	1,502.1	1,808.6	3,119.5	2,330.6	Contusions		Contusions	
Open Wounds	8,756.3	1,617.0	2,320.7	2,792.4	2,040.9	Open Wounds		Open Wounds	
All Other Musculoskeletal Injuries [5]	13,948.7	2,698.5	2,427.0	3,720.5	3,719.2	All Other Musculoskeletal Injuries [5]		All Other Musculoskeletal Injuries [5]	
All Musculoskeletal Injuries [6]	62,660.6	13,184.9	13,730.0	19,693.1	16,053.0	All Musculoskeletal Injuries [6]		All Musculoskeletal Injuries [6]	
Rate Per 100 Patient Visits	5.1	5.0	5.4	4.5	6.0				
Diagnoses Per 100 U.S. Population [6]	19.8	23.6	20.3	16.6	21.6				

\* 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](http://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](http://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](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) May 23, 2016.

[4] Source: National Ambulatory Medical Care Survey (NAMCS), 2013. [www.cdc.gov/nchs/ahcd/ahcd\\_questionnaires.htm](http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm) January 14, 2016.

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

[6] Source: United States Census Bureau, Population Division. Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2015. American Fact Finder. <http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkm> Accessed July 24, 2016. There is the potential for multiple diagnoses per person which is not accounted for.