

Table 7C.7.1: Average Number of Musculoskeletal Injuries From Sport Activities Treated Per Year in Emergency Departments by Activity, Sex, and Age, United States 2014-2016

	Total Musculoskeletal Injuries (in 1,000s)							Total	Proportion of Total
	Male	Female	1 to 4	5 to 9	10 to 13	14 to 17	18 to 20		
TEAM SPORTS [1]									
Baseball/Softball	52.9	40.7	0.9	11.9	34.5	37.9	8.4	93.5	13%
Basketball	189.0	58.9	0.3	14.3	76.4	115.5	41.3	247.8	33%
Football	213.4	14.0	0.6	20.9	82.9	103.5	19.5	227.4	31%
Hockey (Field/Ice/Roller)	16.9	5.7	*	0.9	5.9	12.7	3.0	22.6	3%
Soccer	75.5	45.4	0.8	16.1	42.7	48.6	12.7	120.8	16%
Volleyball	5.8	23.2	*	0.6	8.6	16.9	2.8	29.0	4%
Total Team Sports	552.7	187.5	2.8	64.6	250.5	334.6	87.7	740.2	100%
Proportion Team Sports by Demographic	75%	25%	0%	9%	34%	45%	12%		
Proportion Total Sports Injuries	54%	32%	4%	21%	50%	61%	48%	46%	
Proportion Total Injuries	19%	10%	0%	6%	23%	28%	14%	15%	
INDIVIDUAL SPORTS									
All Terrain Vehicles/Motorized Bikes [2]	42.2	17.5	2.1	9.8	16.4	19.2	12.2	59.8	7%
Ball Sports [3]	18.4	12.3	0.3	5.5	14.0	9.0	2.0	30.7	4%
Bicycle/Wheeled [4]	104.0	50.9	10.8	48.2	52.2	28.7	15.0	155.0	18%
Contact Sports [5]	31.7	5.1	*	3.5	8.9	18.7	5.5	36.8	4%
Fitness Training [6]	40.3	32.0	2.7	8.4	15.4	27.3	18.5	72.3	8%
Gymnastics/Cheerleading/Dancing [7]	7.0	60.6	1.3	12.3	23.7	24.6	5.7	67.6	8%
Playground Equipment [8]	68.0	64.9	22.7	84.3	20.3	4.1	1.5	132.9	15%
Skating [9]	61.4	37.3	0.8	15.5	35.0	30.9	16.5	98.8	11%
Snow Sports [10]	15.4	8.6	0.5	3.4	7.8	7.8	4.5	24.0	3%
Track and Field [11]	6.7	8.4	*	0.8	4.4	8.7	1.2	15.0	2%
Water Sports [12]	16.1	16.1	2.4	7.6	10.1	7.5	4.6	32.1	4%
Other Activities [13]	72.1	79.8	15.9	45.9	48.5	31.4	10.1	151.9	17%
Total Individual Sports	481.4	391.5	59.7	244.1	255.7	216.3	97.2	872.9	100%
Proportion Individual Sports by Demographic	55%	45%	7%	28%	29%	25%	11%		
Proportion Total Sports Injuries	47%	68%	96%	79%	51%	39%	53%	54%	
Proportion Total Injuries	16%	20%	7%	22%	23%	18%	16%	18%	
Total Team and Individual Sports Injuries									
	1,031.4	577.7	62.4	308.2	504.7	549.2	184.5	1,609.0	
Proportion of Sports Injuries by Demographic	64%	36%	4%	19%	31%	34%	11%		
Proportion Total Injuries	35%	29%	7%	28%	46%	46%	30%	33%	
Total Injuries									
	2,970.1	1,962.0	889.6	1,106.0	1,108.8	1,202.1	624.9	4,932.0	
Proportion of Total Injuries by Demographic	60%	40%	18%	22%	22%	24%	13%		

Table 7C.7.1: Average Number of Musculoskeletal Injuries From Sport Activities Treated Per Year in Emergency Departments by Activity, Sex, and Age, United States 2014-2016

* Does not meet standards for reliability.

[1] Includes both organized and informal team sports.

[2] Includes snowmobiles, ATVs, dune buggies, mopeds, and other power-assisted bikes, carts, scooters, and boats.

[3] Includes table tennis, tetherball, handball, badminton, squash, tennis, and other sports played with a small ball.

[4] Includes bicycles, tricycles, scooters, and unpowered wheel riding toys.

[5] Includes boxing, wrestling, and martial arts.

[6] Includes exercise with and without equipment and weightlifting.

[7] Includes organized and informal gymnastics, cheerleading, and dancing.

[8] Includes slides, see-saws, monkey bars and climbing apparatus, swings, pogo sticks, and other playground equipment.

[9] Includes roller and ice skating, in-line skates, and skateboards.

[10] Includes sleds, toboggans, snow disks, snow tubing, snow skiing, and snowboarding.

[11] Includes all track and field activities.

[12] Includes wading and swimming pools, diving, water slides, tubing, water skiing, surfing, water polo, and all activities performed in the act of swimming or on flotation devices.

[13] Includes all other athletic or play activities, including amusement attractions, archery, bowling, fencing, fishing, air guns, golfing, horseback riding, horseshoes, skeet shooting, trampolines, and tree or play houses.

Source: United States Consumer Product Safety Commission. National Electronic Injury Surveillance System, 2011, 2012, 2013.

<https://www.cpsc.gov/cgi-bin/NEISSQuery/home.aspx> Accessed November 29, 2017.