

Table 6C.7: Proportion of Musculoskeletal Injuries^[1] From Sport Activities Treated Per Year in Emergency Departments by Age and Body Region, United States 2011-2013

		Percent Injuries by Body Region					
		2 to 12	13 to 18	19 to 24	25 to 44	45 to 64	All Ages
TEAM SPORTS [1]							
Baseball/Softball (Average N injuries treated)		45,416	61,434	14,050	38,271	10,038	170,489
Upper extremity		41.2%	41.3%	41.4%	35.1%	36.4%	39.6%
Lower extremity		21.9%	33.0%	34.0%	41.3%	36.7%	32.1%
Trunk		6.6%	9.3%	8.0%	11.1%	11.4%	9.1%
Head		30.4%	16.4%	16.6%	12.4%	15.5%	19.2%
Basketball (Average N injuries treated)		67,385	182,161	71,088	62,901	9,468	393,928
Upper extremity		57.4%	34.6%	25.0%	26.3%	30.1%	35.3%
Lower extremity		31.3%	53.1%	62.8%	58.9%	52.1%	51.9%
Trunk		4.7%	6.8%	6.4%	9.5%	11.0%	6.9%
Head		6.6%	5.6%	5.9%	5.3%	6.8%	5.8%
Football (Average N injuries treated)		92,295	169,979	31,567	29,854	4,005	327,972
Upper extremity		58.5%	49.6%	45.0%	42.1%	48.0%	50.9%
Lower extremity		26.7%	34.2%	39.4%	37.7%	26.1%	32.8%
Trunk		11.2%	12.9%	9.4%	16.0%	23.3%	12.5%
Head		3.6%	3.2%	6.2%	4.3%	*	3.7%
Hockey (Average N injuries treated)		5,969	23,344	5,529	5,968	1,459	42,320
Upper extremity		49.8%	53.6%	45.2%	36.5%	34.8%	48.9%
Lower extremity		25.9%	28.1%	29.6%	36.9%	*	29.4%
Trunk		12.4%	13.9%	14.8%	17.4%	*	14.7%
Head		11.9%	4.4%	10.4%	*	*	7.0%
Soccer (Average N injuries treated)		44,761	70,583	16,786	24,588	3,801	160,924
Upper extremity		48.9%	27.3%	22.0%	25.5%	29.4%	32.6%
Lower extremity		40.3%	58.2%	61.9%	60.6%	54.4%	53.8%
Trunk		6.4%	8.6%	8.0%	9.2%	*	8.1%
Head		4.5%	5.9%	8.1%	4.6%	*	5.5%
Volleyball (Average N injuries treated)		5,233	23,896	4,876	7,639	2,715	44,655
Upper extremity		63.5%	43.9%	35.7%	28.8%	40.5%	42.4%
Lower extremity		25.7%	44.5%	53.7%	61.0%	49.4%	46.4%
Trunk		*	6.6%	*	7.3%	*	6.7%
Head		*	5.0%	*	*	*	4.4%
INDIVIDUAL SPORTS							
	<2 years	2 to 12	13 to 18	19 to 24	25 to 44	45 to 64	All Ages
Bicycle/Wheeled [4] (Average N injuries treated)		123,729	59,850	33,398	67,950	62,432	362,428
Upper extremity		51.7%	50.4%	44.4%	44.9%	41.8%	47.2%
Lower extremity		27.6%	30.2%	30.2%	25.0%	22.3%	26.6%
Trunk		9.1%	11.5%	16.4%	21.0%	26.9%	16.4%
Head		11.6%	7.9%	9.1%	9.0%	8.9%	9.7%
Fitness Training [6] (Average N injuries treated)		23,548	41,640	36,125	90,567	48,030	258,644
Upper extremity		35.8%	27.5%	22.1%	20.5%	24.0%	24.4%
Lower extremity		48.5%	46.5%	46.9%	47.0%	46.5%	46.0%
Trunk		9.6%	23.5%	28.7%	31.1%	27.1%	26.9%
Head		6.1%	2.4%	2.3%	1.3%	2.4%	2.7%
Playground Equipment [8] (Average N injuries treated)	2830	139,462	7,731	2,436	5,921	1,932	164,199
Upper extremity		18.5%	62.8%	40.8%	33.3%	31.3%	58.8%
Lower extremity		54.3%	17.6%	38.5%	44.9%	38.8%	20.6%
Trunk		*	10.0%	15.5%	*	25.5%	11.2%
Head		23.1%	9.6%	*	*	*	9.4%
Skating [9] (Average N injuries treated)		48,736	47,192	21,550	24,598	7,816	150,542
Upper extremity		66.2%	51.6%	49.9%	48.5%	60.4%	56.0%
Lower extremity		24.6%	38.0%	37.5%	34.3%	20.4%	32.0%
Trunk		4.4%	6.6%	8.2%	14.6%	16.1%	8.0%
Head		4.7%	3.8%	4.3%	2.5%	*	4.0%

* Does not meet standards for reliability.

[1] Includes amputations, contusions, crushing injuries, dislocations, fractures, and sprains and strains.

[2] Includes both organized and informal team sports.

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

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

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

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

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

<https://www.cpsc.gov/cgibin/NEISSQuery/home.aspx> Accessed October 27, 2014.