

Appendix 3: Activity-Specific Dislocations by Location

Dislocations	All Sports					In Line Skating					Ice Skating				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL
Face	35	1,509	0.2	14,143	4,991	0	0	0.0	0	0	0	0	0.0	0	0
Upper Trunk	7	510	0.1	8,319	832	0	0	0.0	0	0	0	0	0.0	0	0
Lower Trunk	106	5,065	0.7	37,020	22,462	0	0	0.0	0	0	0	0	0.0	0	0
Shoulder	4,673	283,113	38.7	1,750,761	1,471,654	17	1,556	47.4	46,477	20,749	36	1,847	51.3	32,255	16,896
Humerus	9	288	0.0	4,576	416	0	0	0.0	0	0	0	0	0.0	0	0
Elbow	945	47,793	6.5	306,976	240,007	14	889	27.1	33,799	9,149	6	330	9.2	10,040	1,781
Forearm	23	1,565	0.2	16,222	4,991	0	0	0.0	0	0	1	125	3.5	10,078	230
Wrist	43	2,653	0.4	22,046	10,399	0	0	0.0	0	0	2	29	0.8	1,988	77
Hand	53	2,956	0.4	24,125	11,647	0	0	0.0	0	0	0	0	0.0	0	0
Finger	3,504	195,245	26.7	1,242,878	985,817	4	321	9.8	12,938	3,500	6	333	9.3	9,353	1,973
Hip/Femur	7	268	0.0	4,991	416	0	0	0.0	0	0	0	0	0.0	0	0
Knee	2,666	168,202	23.0	1,135,977	796,973	8	389	11.8	17,741	3,585	21	935	26.0	19,575	7,293
Ankle	181	10,510	1.4	78,200	45,339	1	129	3.9	11,684	585	0	0	0.0	0	0
Foot	25	1,252	0.2	11,647	4,160	0	0	0.0	0	0	0	0	0.0	0	0
Toe	184	10,926	1.5	79,448	48,251	0	0	0.0	0	0	0	0	0.0	0	0

Dislocations	Skateboard					Toboggan/sledding					Gymnastics				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL
Face	0	0	0.0	0	0	0	0	0.0	0	0	1	23	0.1	736	18
Upper Trunk	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Lower Trunk	4	173	0.7	8,306	882	3	39	1.3	4,102	219	6	199	0.5	2,244	316
Shoulder	172	11,762	50.6	226,729	145,211	26	1,546	51.9	50,344	25,121	128	6,211	14.9	33,889	20,004
Humerus	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Elbow	58	3,524	15.2	81,959	36,826	6	397	13.3	22,581	3,656	145	6,114	14.7	32,434	20,302
Forearm	2	132	0.6	14,628	294	1	8	0.3	1,503	22	2	180	0.4	5,698	105
Wrist	4	493	2.1	17,825	3,345	0	0	0.0	0	0	1	22	0.1	719	18
Hand	4	263	1.1	8,600	2,021	0	0	0.0	0	0	1	9	0.0	281	0
Finger	29	2,077	8.9	46,088	23,154	8	372	12.5	21,143	3,474	35	1,552	3.7	11,010	3,857
Hip/Femur	1	8	0.0	1,029	0	0	0	0.0	0	0	0	0	0.0	0	0
Knee	37	3,103	13.4	69,978	33,739	7	592	19.9	24,595	7,889	419	25,211	60.6	116,605	95,479
Ankle	16	1,024	4.4	24,624	10,548	0	0	0.0	0	0	7	405	1.0	3,647	806
Foot	2	46	0.2	3,161	147	0	0	0.0	0	0	4	76	0.2	877	123
Toe	11	626	2.7	17,935	5,403	1	23	0.8	4,116	73	24	1,566	3.8	9,608	4,523

Dislocations	Basketball					Baseball					Softball				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL
Face	14	487	0.3	4,636	959	1	22	0.1	1,231	28	3	106	0.4	3,572	115
Upper Trunk	0	0	0.0	0	0	2	169	0.4	9,369	140	1	102	0.4	4,473	82
Lower Trunk	6	299	0.2	4,076	400	6	471	1.2	7,831	1,454	1	9	0.0	377	0
Shoulder	1,085	58,024	30.9	265,929	228,842	246	16,244	41.6	130,995	102,021	149	9,294	33.4	65,192	45,154
Humerus	4	76	0.0	1,199	80	0	0	0.0	0	0	0	0	0.0	0	0
Elbow	85	3,841	2.0	23,739	11,190	27	1,346	3.4	16,920	5,425	19	1,072	3.9	11,452	3,424
Forearm	0	0	0.0	0	0	0	0	0.0	0	0	1	23	0.1	1,032	16
Wrist	5	324	0.2	4,396	400	2	149	0.4	4,950	224	1	23	0.1	1,016	16
Hand	12	335	0.2	3,677	560	3	303	0.8	6,712	699	4	307	1.1	8,700	360
Finger	1,460	78,483	41.8	357,370	311,170	184	12,114	31.0	100,847	73,691	140	8,489	30.5	62,505	38,994
Hip/Femur	2	99	0.1	2,558	80	0	0	0.0	0	0	0	0	0.0	0	0
Knee	659	38,575	20.5	191,194	140,119	105	7,431	19.0	72,685	37,950	114	7,428	26.7	58,196	31,785
Ankle	75	4,147	2.2	25,178	12,309	12	556	1.4	9,397	1,650	11	838	3.0	10,256	2,327
Foot	6	375	0.2	4,156	639	0	0	0.0	0	0	2	115	0.4	3,195	147
Toe	41	2,723	1.5	16,865	7,913	4	273	0.7	6,796	559	1	23	0.1	983	16

Dislocations	Hockey					Football					Soccer				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL
Face	1	22	0.1	1,016	19	5	275	0.2	4,769	468	5	265	0.5	6,915	617
Upper Trunk	0	0	0.0	0	0	1	10	0.0	374	0	2	115	0.2	4,536	176
Lower Trunk	1	9	0.1	435	10	53	2,397	1.4	20,761	8,510	10	661	1.2	13,433	1,982
Shoulder	179	9,915	66.5	73,742	53,431	1,136	61,970	36.8	379,306	311,226	293	13,971	25.0	126,094	95,264
Humerus	0	0	0.0	0	0	3	167	0.1	4,021	187	0	0	0.0	0	0
Elbow	7	268	1.8	4,848	610	194	7,800	4.6	52,276	35,911	105	5,172	9.2	51,750	31,799
Forearm	0	0	0.0	0	0	6	288	0.2	4,863	561	1	9	0.0	529	0
Wrist	0	0	0.0	0	0	13	811	0.5	8,604	2,338	6	204	0.4	5,373	484
Hand	1	85	0.6	2,990	97	14	475	0.3	4,956	1,403	5	221	0.4	6,871	440
Finger	18	1,264	8.5	18,172	3,464	1,143	62,576	37.2	385,852	311,600	208	10,561	18.9	98,964	69,279
Hip/Femur	0	0	0.0	0	0	3	43	0.0	842	94	0	0	0.0	0	0
Knee	40	3,082	20.7	29,019	13,256	438	28,862	17.2	213,687	118,393	348	21,109	37.7	197,355	137,061
Ankle	2	156	1.0	4,567	223	20	908	0.5	12,625	2,057	21	1,164	2.1	13,389	6,254
Foot	0	0	0.0	0	0	7	383	0.2	5,518	842	1	128	0.2	5,461	176
Toe	1	102	0.7	5,128	77	25	1,216	0.7	10,754	4,302	41	2,385	4.3	29,244	11,936

Dislocations	Racquet Sports					Volleyball					Track/Field				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL
Face	1	21	0.3	739	14	1	137	0.5	2,136	75	0	0	0.0	0	0
Upper Trunk	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Lower Trunk	0	0	0.0	0	0	1	135	0.5	2,113	75	1	9	0.2	431	9
Shoulder	67	3,974	51.9	22,531	14,095	127	8,897	35.4	32,481	21,402	23	991	22.0	11,082	3,465
Humerus	0	0	0.0	0	0	1	23	0.1	521	8	0	0	0.0	0	0
Elbow	5	225	2.9	2,732	382	6	302	1.2	2,951	272	4	261	5.8	5,817	449
Forearm	0	0	0.0	0	0	0	0	0.0	0	0	1	127	2.8	4,808	127
Wrist	0	0	0.0	0	0	1	146	0.6	2,279	83	2	115	2.6	3,716	142
Hand	1	118	1.5	3,895	71	0	0	0.0	0	0	0	0	0.0	0	0
Finger	12	625	8.2	6,238	1,258	128	8,608	34.2	30,738	21,312	3	237	5.3	5,162	425
Hip/Femur	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Knee	37	2,511	32.8	16,092	7,850	91	5,498	21.8	22,187	11,931	31	2,633	58.6	22,010	11,949
Ankle	0	0	0.0	0	0	14	940	3.7	5,728	1,358	1	124	2.8	5,480	103
Foot	0	0	0.0	0	0	3	130	0.5	1,494	98	0	0	0.0	0	0
Toe	2	178	2.3	5,015	120	7	346	1.4	2,370	453	0	0	0.0	0	0

Dislocations	Combative					Swimming					Waterski/Surfboarding				
	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CL	L 95% CL	n	N	%	U 95% CI	L 95% CI
Face	2	127	0.3	3,456	86	1	23	0.1	564	9	0	0	0.0	0	0
Upper Trunk	1	114	0.3	3,473	69	0	0	0.0	0	0	0	0	0.0	0	0
Lower Trunk	1	9	0.0	275	0	10	459	1.6	3,508	611	1	64	0.5	2,152	18
Shoulder	301	18,807	45.5	86,858	69,785	258	19,217	65.5	67,687	54,887	83	8,982	75.6	30,620	22,226
Humerus	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Elbow	166	10,032	24.3	49,274	35,039	70	3,656	12.5	17,672	7,571	2	258	2.2	2,034	294
Forearm	4	252	0.6	3,903	275	3	352	1.2	5,483	226	0	0	0.0	0	0
Wrist	2	32	0.1	636	34	1	24	0.1	574	9	0	0	0.0	0	0
Hand	7	712	1.7	5,742	1,513	0	0	0.0	0	0	0	0	0.0	0	0
Finger	70	3,656	8.8	20,081	11,433	27	1,739	5.9	9,527	3,198	6	406	3.4	2,858	509
Hip/Femur	0	0	0.0	0	0	0	0	0.0	0	0	1	118	1.0	3,191	36
Knee	109	6,479	15.7	33,388	21,560	52	3,482	11.9	16,524	7,373	23	1,961	16.5	8,609	3,939
Ankle	0	0	0.0	0	0	1	118	0.4	2,718	47	0	0	0.0	0	0
Foot	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0
Toe	18	1,104	2.7	6,688	3,129	7	277	0.9	2,558	301	1	85	0.7	2,188	29

Dislocations	Snow Skiing				
	n	N	%	U 95% CL	L 95% CL
Face	0	0	0.0	0	0
Upper Trunk	0	0	0.0	0	0
Lower Trunk	2	133	0.3	3,886	161
Shoulder	347	29,905	68.6	206,127	157,778
Humerus	1	21	0.0	1,179	27
Elbow	26	2,307	5.3	25,675	7,665
Forearm	1	69	0.2	1,688	107
Wrist	3	280	0.6	8,469	348
Hand	1	129	0.3	7,612	80
Finger	23	1,834	4.2	15,652	8,067
Hip/Femur	0	0	0.0	0	0
Knee	127	8,922	20.5	96,725	28,114
Ankle	0	0	0.0	0	0
Foot	0	0	0.0	0	0
Toe	0	0	0.0	0	0