

Online appendix 5. Injury mechanism/cause distribution in the Olympic sports. Values are number of injuries (time-loss injuries).

Sport	Number of athletes	Injury mechanism/cause											Grand Total		
		Contact: moving object	Contact: stagnant object	Contact: with another athlete	Equipment failure	Field of play conditions	Non-contact trauma	Other	Overuse (gradual onset)	Overuse (sudden onset)	Recurrence of previous injury	Weather condition			
Archery	64							1 (1)					1		3 (1)
Athletics	702	2 (2)	11 (6)	2		3 (1)	18 (9)	6 (1)	37 (4)	27 (11)		7 (5)			113 (39)
Badminton	63					1	1	1	6	4 (1)		2 (2)			15 (3)
Beach Handball	215		5 (1)	6 (1)			7 (1)	1	2	4		2			27 (5)
Beach Volleyball	128	1		1			4 (3)	4	14 (2)	3 (1)					27 (4)
Basketball 3x3	159	5 (3)	4 (1)	8 (5)		1	4 (1)		4	1		1			28 (10)
Boxing	82		1	17 (7)			1	3	3 (1)	2					27 (8)
Break Dancing	24		1 (1)						1 (1)						2 (2)
Canoeing	63		1				1		3 (1)						5 (1)
Climbing	42									1					1
Cycling	125	1 (1)	6	11 (1)	1 (1)	1	4	1 (1)	3	1					29 (4)
Diving	36		1 (1)				1		3	1					6 (1)
Equestrian	30	1													1
Futsal	199	3 (1)	3 (1)	24 (14)		1 (1)	5 (5)	1 (1)	4 (2)	1		2 (2)			44 (27)
Fencing	78	1		2		1	1	2	2	1					10
Golf	64		1				1	1	1	1					5
Gymnastics - Acrobatic	24								2 (1)						2 (1)
Gymnastics - Artistic	72		5 (1)				6 (5)		1	4 (1)		1			17 (7)
Gymnastics - Rhythmic Artistic	36								1	3 (1)					4 (1)
Gymnastics - Trampoline	24	1					1 (1)		1						3 (1)
Hockey 5s	215	17 (8)	3	4			5 (1)		4	3 (2)		2			38 (11)
Judo	104		1 (1)	16 (5)			2 (1)	2	1						22 (7)
Karate	48			2					2	1		1 (1)			6 (1)
Modern Pentathlon	47			1		1 (1)		1 (1)				1 (1)			4 (3)
Roller Speedskating	28		1 (1)												1 (1)
Rowing	96		1						1						2
Rugby 7	143		6	31 (11)		8	6 (5)	2 (2)	2	3 (2)		3 (2)			61 (22)
Sailing	99	3 (1)	2					1	4	1		1			12 (1)
Shooting	80								2 (1)	3					5 (1)
Swimming	390	1	2	1				3	6	5 (1)		1			19 (1)
Table Tennis	64								3			1 (1)			4 (1)
Taekwondo	99			10 (4)			1 (1)		2						13 (5)
Tennis	64					1 (1)	2 (1)	2	1	4					10 (2)
Triathlon	64		3 (1)	1		1	1 (1)	2	1						9 (2)
Weightlifting	103	1				1 (1)	4 (3)		5	6 (1)		2 (1)			19 (6)
Wrestling	110			12 (5)			1 (1)	2 (1)	4	3		3 (1)			25 (7)
Grand Total	3984	37 (16)	58 (15)	149 (52)	1 (1)	20 (5)	77 (40)	38 (9)	124 (11)	84 (21)	30 (16)	1	1	619 (186)	