

















University Incidence of Head	Injuries in Soccer
 In Europe, head injuries account for between 1% and 20% of all socrer injuries 5,4% of active and 70% of former players suffered some form of head trauma from playing soccer (Tysware, 1992) NCAA injury surveillance data: concussions result in 4,5% of injuries in soccer compared to 5% in football (1991-1996) 7,9% suffered a head to head collision during their career (Matser et al., 1998) Some evidence to suggest that females are more susceptible to concussions in soccer than males 	
Concussion Re-	search Group

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	Collegister	4.24	1,91	6.47	2.26	1.43.3.97	A88
Water and	High-School	1.07	0.97	0.34			7000
	Collegate	4.29	1.00	6.43	1.26	121.2.8	< 6.00
YoBgbal	High School	0.07	645	1.10			1000
	Cologiate	4.21	6.13	6.39	3.43	1,18,9.44	10.0
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	Collegiste	9.22	0.41	6.27	3.45	2.00, 4.43	1.040
Wowen' bolofall	High School	0.00	0.40	.0.31			1000
	Collegene	4.20	0.85	9.45		1,31,3,41	- 8.65
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	Colline	4.37	1.00	8.42	2.9	1.0,4.94	
Restul	High School		0.08	6.00	11110		(1997)
	Collegents	0.07	6,25	1.00		0.75,4.40	
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most feed total	rege fallout	0.13	100	6.25			1.1
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County Visio	Cilian	4.75	1.07	1.0	1.00	141.111	
	Linger	1.0	146	5.41	1.40	186,275	
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Hi	gh Sc	hool	RIO	TM I	niur	v		
	Stati	stics 2	200	5-20	006	5		
ERRENT. MAY IN	Tuble 4.6 Mechanism of Girls' Soccer Injury by Type of Injury							
mana selices, collation		Sprain/Strain, n=108.556	Contusion, n=15.856	Fracture, n=14.068	Concussion, n=29.425	Other, ns/25.766		
	Defending	12.3%	28.7%	21.5%	15.3%	14.9%		
	General play	16.6%	7.0%	10.9%	7.9%	17.8%		
	Ball handling/ dribbling	16.2%	16.0%	20.0%	6.1%	0.1%		
Completion A Terro Committy, Add	Chasing loose bull	16.5%	9.6%	4.4%	11.9%	7.0%		
Darit Sacietti Darit Jan Di Sada Sata D	Shooting/ passing	15.2%	7.4%	6.4%	0.7%	8.9%		
	Slide tackle	7.3%	0%	18,2%	5.1%	6.1%		
	Goaltending	3.3%	28.2%	8.5%	8.5%	0%		
	Heading ball	2.0%	2.5%	0%	37.2%	3.0%		
	Other	10.6%	0%	3.4%	7.2%	36.0%		
	Total	100%	100%	100%	100%	100%		















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Future Research

- · Impact of a ball on the head
- Verify the exposure to heading across all ages
- Longitudinal studies on soccer players focusing on exposure and injury
- Determine the minimum safe age to begin heading the ball.
- Importance of body awareness in heading.





