

Appendix 2:

Study ID	<u>Artificial Turf</u>			<u>Natural Grass</u>		
	Head Injuries/Concussions	Total Match Hours	Incidence (per 1000 match playing hours)	Head Injuries/Concussions	Total Match Hours	Incidence (per 1000 match playing hours)
Bjorneboe 2010	5	8049	0.621	42	30927	1.358
Ekstrand 2011(M)	9	17299	0.520	10	13579	0.736
Ekstrand 2011(F)	4	4502	0.888	3	3038	0.987
Fuller 2007(M)	31	7195	4.308	66	27803	2.373
Fuller 2007(F)	18	6997	2.572	127	37258	3.408
Fuller 2010	1	1360	0.735	2	1040	1.92
Kordi 2011	2	1378	1.451	4	1897	2.108
Kristenson 2013	13	20307	0.640	16	28603	0.559
Meyers 2004	10	1650	6.060	16	990	16.161
Meyers 2010	70	2530	27.667	90	2585	34.816
Meyers 2013 ⁺	19	5858	3.243	24	7293	3.291
Meyers 2016	14	6270	2.232	31	6353	4.879
Ranson 2018	26	1920	13.54	54	2260	23.894
Soligard 2012(M)	23	4477	5.14	184	39744	4.629
Soligard 2012(F)	15	1546	9.70	86	16831	5.109

Outcome Incidence per 1000 match playing hours

Twelve included studies indicating the number of head injuries/concussions from the total number of match playing hours. It also includes the injury rate (per 1000 match playing hours) on both artificial turf and natural grass.

(M) Indicates results for male athletes in that particular study

(F) Indicates results for female athletes in that particular study

⁺ Indicates results from a female only athlete study

