

Summary of Falls on Cross Country Courses for 2010/11 Season

69,856 XC starters on 560 BE & FEI courses for UK competitions.

1,901 falls in total on the XC at Events, 1,789 occurred at a fence, 112 occurred on the flat.

Table 1 shows the 1,789 falls by fall type

Somersault Horse falls	Non somersault Horse falls	Unseated rider	Unknown	Total
40	245	1,504	0	1,789

Table 1: Categories of falls

Table 2 details the 1,504 unseated rider falls

Unseated Rider Falls	No Injury	Slight	Serious	Fatal	Severity not known	Total
Number of riders	1,340	139	24	1	0	1,504
Percentage	89.10%	9.23%	1.60%	0.07%	0.00%	100%

Table 2: Severity of injury from unseated rider falls

Table 3 details the 285 falls where the horse and rider both fell.

Horse Falls	No Injury	Slight Injury	Serious Injury	Fatal Injury	Not known if Injured	Total
Number of falls without somersaulting	170 69.4%	59 24.1%	16 6.5%	0 0.0%	0 0.0%	245 100%
Number of falls involving the horse somersaulting	17 42.5%	14 35.0%	9 22.5%	0 0%	0 0%	40 100%
Total number of falls	187 65.6%	73 25.6%	25 8.8%	0 0%	0 0%	285 100%

Table 3: Severity of injury from horse and rider somersault and non-somersault falls.

Table 4 outlines results of all the reporting periods to date: July 02 to June 03, July 03 to June 04, July 04 to June 05, July 05 to June 06, July 06 to June 07, July 07 to June 08, July 08 to June 09, July 09 to June 10 and July 10 to June 11.

Fall Type		July 02- June 03	July 03- June 04	July 04- June 05	July 05- June 06	July 06- June 07	July 07- June 08	July 08- June 09	July 09- June 10	July 10- June 11	Combined results
Non-Somersault horse falls	No. of seriously/fatally injured riders	28	22	13	9	9	10	15	20	16	142
	Total number of non-somersault falls	235	210	197	178	236	244	225	251	245	2,021
	Percentage	12%	11%	7%	5%	4%	4%	7%	8%	7%	7%
Somersault horse falls	No. of seriously/fatally injured riders	33	14	20	18	18	12	16	8	9	148
	Total number of somersault falls	90	60	60	68	55	46	43	49	40	511
	Percentage	37%	23%	33%	26%	33%	26%	37%	16%	23%	29%
Unseated rider falls	No. of seriously/fatally injured riders	43	33	30	31	23	23	16	21	25	245
	Total number of Unseated Rider falls	1,257	1,182	1,275	1,316	1,492	1,547	1,390	1,366	1,504	12,329
	Percentage	3%	3%	2%	2%	2%	1%	1%	2%	2%	2%

Table 4: Results of 2002/03, 2003/04, 2004/05, 2005/06, 2006/07, 2007/08, 2008/09, 2009/10 and 2010/11

Using the combined result from the above table, so using all the data collected, this gives us the following risk factors for the different types of fall:

Somersault horse fall 29% risk of a serious/fatal outcome
Non-somersault horse fall 7% risk of a serious/fatal outcome
Unseated rider fall 2% risk of a serious/fatal outcome

Year	Number of competitors	Serious injury	% Risk of Serious Injury
July 10 – June 11	69,856	50	0.07%
July 09 – June 10	64,816	49	0.08%
July 08 – June 09	65,041	53	0.08%
July 07 – June 08	64,462	48	0.07%
July 06 – June 07	60,357	52	0.09%
July 05 – June 06	56,041	63	0.11%
July 04 – June 05	47,934	66	0.14%
July 03 – June 04	41,221	69	0.17%
July 02 – June 03	44,962	108	0.24%

Table 5: Percentage Risk of Serious Injury by year