



**FEI™**

**EVENTING**

**Risk Management Programme  
Statistics 2010 – 2021**

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# COMPETITIONS

**Statistics 2010 – 2021**

# COMPETITIONS – Statistics 2010 – 2021

## Competitions per Competition Level

Year	Total number	1* (former Intro)		2* (former 1*)		3* (former 2*)		4* (former 3*)		5* (former 4*)	
		number	%	number	%	number	%	number	%	number	%
2010	478	NA	NA	223	46.7%	159	33.2%	89	18.6%	7	1.5%
2011	567	NA	NA	241	42.5%	214	37.7%	106	18.7%	6	1.1%
2012	524	NA	NA	232	44.3%	180	34.4%	106	20.2%	6	1.1%
2013	563	NA	NA	261	46.4%	191	33.9%	105	18.6%	6	1.1%
2014	619	NA	NA	290	46.8%	219	35.4%	103	16.6%	7	1.1%
2015	684	NA	NA	290	42.4%	257	37.6%	131	19.1%	6	0.9%
2016	671	NA	NA	308	45.9%	224	33.4%	132	19.7%	7	1.0%
2017	690	NA	NA	322	46.6%	242	35.1%	120	17.4%	6	0.9%
2018	725	13	1.8%	330	45.5%	249	34.3%	126	17.4%	7	1.0%
2019	758	52	6.9%	299	39.4%	260	34.3%	141	18.6%	6	0.8%
2020	335	35	10.4%	132	39.4%	108	32.2%	59	17.6%	1	0.3%
2021	660	79	12.0%	254	38.5%	212	32.1%	110	16.7%	5	0.8%

# COMPETITIONS – Statistics 2010 – 2021

## Competitions per Competition Format

Year	Total number	Unified - 1 Star (former Intro)		Short Format (former CIC)		Long Format (former CCI)	
		number	%	number	%	number	%
2010	478	N/A	N/A	306	64.0%	172	36.0%
2011	567	N/A	N/A	355	62.6%	212	37.4%
2012	524	N/A	N/A	347	66.2%	177	33.8%
2013	563	N/A	N/A	370	65.7%	193	34.3%
2014	619	N/A	N/A	391	63.2%	228	36.8%
2015	684	N/A	N/A	457	66.8%	227	33.2%
2016	671	N/A	N/A	458	68.3%	213	31.7%
2017	690	N/A	N/A	446	64.6%	244	35.4%
2018	725	13	1.8%	452	62.3%	260	35.9%
2019	758	52	6.9%	451	59.5%	255	33.6%
2020	335	35	10.4%	216	64.5%	84	25.1%
2021	660	79	12.0%	391	59.2%	190	28.8%

# COMPETITIONS – Statistics 2010 – 2021

## Key Facts

- Total number of competitions in 2021 has increased by **97%** compared to 2020 (Covid year), however, compared to 2019, a 13% decrease is noted.
- Pony and Indoor Arena competitions are not included.
- Intro Level has been added as Unified format
- The distribution between the competition formats shows for 2021 an increase of Unified format. 12% of Unified format in 2021 and 10.4% in 2020. 59.2% Short format competitions were organised and only 28.8% of Long format competitions were run.





# STARTERS

**Statistics 2010 – 2021**



# STARTERS – Statistics 2010 – 2021

## Starters per Competition Level

Year	Total starters	1* (former Intro)		2* (former 1*)		3* (former 2*)		4* (former 3*)		5* (former 4*)	
		starters	%	starters	%	starters	%	starters	%	starters	%
2010	15,698	N/A	N/A	7,702	49.1%	5,183	33.0%	2,417	15.4%	396	2.5%
2011	16,312	N/A	N/A	7,706	47.2%	5,299	32.5%	2,972	18.2%	335	2.1%
2012	15,456	N/A	N/A	7,454	48.2%	5,032	32.6%	2,662	17.2%	308	2.0%
2013	17,808	N/A	N/A	8,925	50.1%	5,675	31.9%	2,874	16.1%	334	1.9%
2014	19,210	N/A	N/A	9,541	49.7%	6,314	32.9%	2,957	15.4%	398	2.1%
2015	20,351	N/A	N/A	9,673	47.5%	6,957	34.2%	3,377	16.6%	344	1.7%
2016	19,921	N/A	N/A	9,874	49.6%	6,306	31.7%	3,373	16.9%	368	1.8%
2017	20,611	N/A	N/A	10,216	49.6%	6,618	32.1%	3,445	16.7%	332	1.6%
2018	20,903	180	0.9%	10,082	48.2%	6,603	31.6%	3,638	17.4%	400	1.9%
2019	20,921	904	4.3%	9,185	43.9%	6,721	32.1%	3,839	18.4%	272	1.3%
2020	10,644	845	7.9%	4,705	44.2%	3,347	31.5%	1,702	16.0%	45	0.4%
2021	19,231	2,081	10.8%	7,972	41.5%	5,773	30.0%	3,198	16.6%	207	1.1%

# STARTERS – Statistics 2010 - 2021

## Average Starters per Competition Level

Year	Starters	Competitions	All Levels Starters	1* (former Intro)	2* (former 1*)	3* (former 2*)	4* (former 3*)	5* (former 4*)
				Starters	Starters	Starters	Starters	Starters
2010	15,698	478	33	N/A	35	33	27	57
2011	16,312	560	29	N/A	33	25	28	56
2012	15,456	511	30	N/A	33	28	25	51
2013	17,808	563	32	N/A	34	30	27	56
2014	19,210	619	31	N/A	33	29	29	57
2015	20,351	668	30	N/A	34	28	27	57
2016	19,921	671	30	N/A	32	28	26	53
2017	20,611	690	30	N/A	32	27	29	55
2018	20,903	725	29	14	31	27	29	57
2019	20,921	758	28	17	31	26	27	45
2020	10,644	335	32	24	36	31	29	45
2021	19,231	660	29	26	31	27	29	41

# STARTERS – Statistics 2010 – 2021

## Starters per Competition Format

Year	Total starters	Unified - 1 Star (former Intro)		Short Format (former CIC)		Long Format (former CCI)	
		Starters	%	Starters	%	Starters	%
2010	15,698	N/A	N/A	9,664	62%	6,034	38%
2011	16,312	N/A	N/A	10,308	63%	6,004	37%
2012	15,456	N/A	N/A	10,121	65%	5,335	35%
2013	17,808	N/A	N/A	11,790	66%	6,018	34%
2014	19,210	N/A	N/A	12,634	66%	6,576	34%
2015	20,351	N/A	N/A	14,010	69%	6,341	31%
2016	19,921	N/A	N/A	13,673	69%	6,248	31%
2017	20,611	N/A	N/A	14,019	68%	6,592	32%
2018	20,903	180	1%	14,068	67%	6,655	32%
2019	20,921	904	4%	13,798	66%	6,219	30%
2020	10,644	845	8%	7,329	69%	2,470	23%
2021	19,231	2,081	11%	12,092	63%	5,058	26%

# STARTERS – Statistics 2010 – 2021

## Average Starters per Competition Format

Year	Unified – 1 Star (former Intro)			Short Format (former CIC)			Long Format (former CCI)		
	Starters	Competitions	Average	Starters	Competitions	Average	Starters	Competitions	Average
2010	N/A	N/A	N/A	9,664	306	<b>32</b>	6,034	172	<b>35</b>
2011	N/A	N/A	N/A	10,308	352	<b>29</b>	6,004	208	<b>29</b>
2012	N/A	N/A	N/A	10,121	338	<b>30</b>	5,335	173	<b>31</b>
2013	N/A	N/A	N/A	11,790	370	<b>32</b>	6,018	193	<b>31</b>
2014	N/A	N/A	N/A	12,634	391	<b>32</b>	6,576	228	<b>29</b>
2015	N/A	N/A	N/A	14,010	447	<b>31</b>	6,341	221	<b>29</b>
2016	N/A	N/A	N/A	13,673	458	<b>30</b>	6,248	213	<b>29</b>
2017	N/A	N/A	N/A	14,019	446	<b>31</b>	6,592	244	<b>27</b>
2018	180	13	14	14,068	452	<b>31</b>	6,655	260	<b>26</b>
2019	904	52	17	13,798	451	<b>31</b>	6,219	255	<b>24</b>
2020	845	35	24	7,329	216	<b>34</b>	2,470	84	<b>29</b>
2021	2,081	79	26	12,092	391	<b>31</b>	5,058	190	<b>27</b>

# STARTERS – Statistics 2010 – 2021

## Key Facts

- Total number of starters has increased by **80.7%** from 10,644 in 2020 to 19,231 in 2021. The average number of starters per competition in 2021 is 29.
- Distribution of starters per star level shows an increase at One Star (Intro) with an average of 10.8 %, the Two, Three and Four star show a slight decrease with an average of 41.5% for Two star, 30.0 % for Three Star, 16.6 % for Four Star and only 1.1 % at Five Star level.
- Due to the decrease of competitions linked to the Covid-19 pandemic (in 2020 and 2021 to a lesser extent), caution should be taken when comparing the figures to the previous years.





**FALLS**

**Statistics 2010 – 2021**

# FALLS – Statistics 2010 – 2021

## Total falls per competition level and percentage of total falls on starters – part 1/2

Year	Total			1* (former Intro)		2* (former 1*)		3* (former 2*)		4* (former 3*)		5* (former 4*)	
	starters	falls	%	Falls	%	Falls	%	Falls	%	falls	%	falls	%
2005	12,542	826	6.59%	NA	NA	283	4.59%	335	7.65%	182	10.31%	26	11.45%
2006	13,660	789	5.78%	NA	NA	261	4.06%	288	5.99%	202	9.51%	38	12.67%
2007	13,661	781	5.72%	NA	NA	292	4.45%	277	6.31%	177	7.18%	35	14.23%
2008	14,268	818	5.73%	NA	NA	320	4.46%	285	6.12%	163	7.67%	50	16.18%
Average 2005-2008			5.94%		NA		4.39%		6.50%		8.54%		13.77%
1 Every x starters			17		NA		23		15		12		7
Target 2009-2013			5.40%				3.90%		5.78%		7.72%		12.43%
Alert level			10.80%				7.79%		11.56%		15.44%		24.86%
2009	14,206	778	5.48%	NA	NA	328	4.72%	247	5.24%	165	7.37%	38	12.62%
2010	15,698	783	4.99%	NA	NA	312	4.05%	283	5.46%	144	5.96%	44	11.11%
2011	16,312	912	5.59%	NA	NA	314	4.07%	343	6.47%	215	7.23%	40	11.94%
2012	15,456	859	5.56%	NA	NA	364	4.88%	263	5.23%	191	7.18%	41	13.31%
2013	17,808	937	5.26%	NA	NA	416	4.66%	293	5.16%	193	6.72%	35	10.48%
Average 2009-2013			5.37%		NA		4.48%		5.52%		6.90%		11.83%
1 every x starters			19		NA		22		18		14		8
Target 2014-2018			5.40%		NA		3.90%		5.78%		7.72%		12.43%
Alert level			10.80%		NA		7.79%		11.56%		15.44%		24.86%



# FALLS – Statistics 2010 – 2021

Total falls per competition level and percentage of total falls on starters – part 2/2

Year	Total			1* (former Intro)		2* (former 1*)		3* (former 2*)		4* (former 3*)		5* (former 4*)	
	starters	falls	%	Falls	%	Falls	%	Falls	%	falls	%	falls	%
2014	19,210	1,073	5.59%	NA	NA	468	4.91%	330	5.23%	213	7.20%	62	15.58%
2015	20,351	1,140	5.60%	NA	NA	469	4.85%	400	5.75%	235	6.96%	36	10.47%
2016	19,921	1,064	5.34%	NA	NA	466	4.72%	327	5.19%	226	6.70%	45	12.23%
2017	20,611	1,101	5.34%	NA	NA	484	4.74%	346	5.23%	223	6.47%	48	14.46%
2018	20,903	1,123	5.37%	7	3.89%	488	4.84%	335	5.07%	249	6.84%	44	11.00%
2019	20,921	1,166	5.57%	45	4.98%	447	4.87%	352	5.24%	287	7.48%	35	12.87%
2020	10,644	462	4.34%	33	3.91%	177	3.76%	163	4.87%	89	5.23%	0	0.00%
2021	19,231	958	4.98%	68	3.27%	354	4.44%	298	5.16%	209	6.54%	29	14.01%
Average 2014-2021			5.33%	NA		4.71%		5.24%		6.78%		12.64%	
1 every x starters			19	NA		22		19		15		8	
Target 2014-2018			5.40%			3.90%		5.78%		7.72%		12.43%	
Alert level			10.80%			7.79%		11.56%		15.44%		24.86%	

# FALLS – Statistics 2010 – 2021

## Falls per competition format and percentage of falls on starters

Year	Total			Unified – 1Star (former Intro)			Short format (former CIC)			Long format (former CCI)		
	starters	falls	%	starters	Falls	%	starters	Falls	%	starters	falls	%
2010	15,698	783	4.99%	N/A	N/A	N/A	9,664	409	4.23%	6,034	374	6.20%
2011	16,312	912	5.59%	N/A	N/A	N/A	10,308	538	5.22%	6,004	374	6.23%
2012	15,456	859	5.56%	N/A	N/A	N/A	10,121	521	5.15%	5,335	338	6.34%
2013	17,808	937	5.26%	N/A	N/A	N/A	11,790	537	4.55%	6,018	400	6.65%
2014	19,210	1,073	5.59%	N/A	N/A	N/A	12,634	621	4.92%	6,576	452	6.87%
2015	20,351	1,140	5.60%	N/A	N/A	N/A	14,010	726	5.18%	6,341	414	6.53%
2016	19,921	1,064	5.34%	N/A	N/A	N/A	13,673	691	5.05%	6,248	373	5.97%
2017	20,611	1,101	5.34%	N/A	N/A	N/A	14,019	669	4.77%	6,592	432	6.55%
2018	20,903	1,123	5.37%	180	13	3.89%	14,068	722	5.13%	6,655	394	5.92%
2019	20,921	1,166	5.57%	904	45	4.98%	13,798	690	5.00%	6,219	431	6.93%
2020	10,644	462	4.34%	845	33	3.91%	7,329	301	4.11%	2,470	128	5.18%
2021	19,231	958	4.98%	2,081	68	3.27%	12,092	567	4.69%	5,058	323	6.39%

period	217,066	11,578	5.33%	4,010	153	N/A	143,506	6,992	4.87%	69,550	4,433	6.37%
levely xstarters			19			N/A			21			16

# FALLS – Statistics 2010 – 2021

## Falls per location and percentage of total falls

Year	Total falls	Cross Country				Elsewhere					
		At fences		Non fence related		Dressage		Jumping		Warm-up	
		falls	%	Falls	%	falls	%	falls	%	falls	%
2010	783	709	90.55%	74	9.45%						
2011	912	846	92.76%	66	7.23%						
2012	859	816	94.99%	43	5.01%						
2013	937	850	90.71%	87	9.29%						
2014	1,073	965	89.93%	108	10.07%						
2015	1,140	1,001	87.81%	139	12.19%						
2016	1,064	928	87.22%	136	12.78%						
2017	1,101	925	84.01%	176	15.99%						
period	7,869	7,040	89.46%	829	10.54%						

*Falls on the flat have only been extracted in detail as from 2018. For the period 2008-2017, all falls not related to a XC fence (Dressage, Jumping, Warm-up) were included in the "non fence related" category.*

Year	Total falls	Cross Country				Elsewhere					
		At fences		Non fence related		Dressage		Jumping		Warm-up	
		falls	%	Falls	%	falls	%	falls	%	falls	%
2018	1,123	904	80.50%	65	5.79%	2	0.18%	103	9.17%	49	4.36%
2019	1,166	930	79.76%	54	4.63%	1	0.09%	109	9.35%	72	6.17%
2020	462	338	73.16%	37	8.01%	0	0.00%	58	12.55%	29	6.28%
2021	958	738	77.04%	64	6.68%	1	0.10%	104	10.86%	51	5.32%
Period	3,709	2,910	78.46%	220	5.93%	4	0.11%	374	10.08%	201	5.42%

# FALLS – Statistics 2021

Falls not related to a XC fence per location, type and level

	Athlete Unseated					Horse Fall - Non rotational					Horse Fall - Rotational	
	Dressage	Jumping	Warm-up	Cross Country	TOTAL	Dressage	Jumping	Warm-up	Cross Country	TOTAL	Warm-up	TOTAL
CCI1*-Intro (Intro)	0	12	6	7	25	0	2	2	2	6	0	0
CCI2*-S (CI1*)	1	40	12	11	64	0	1	1	2	4	0	0
CCI3*-S (CI2*)	0	23	10	9	42	0	0	2	4	6	0	0
CCI4*-S (CI3*)	0	9	4	4	17	0	0	2	1	3	0	0
CCI2*-L (CI1*)	0	10	5	9	24	0	1	2	5	8	0	0
CCI3*-L (CI2*)	0	2	3	4	9	0	0	0	2	2	0	0
CCI4*-L (CI3*)	0	3	1	1	5	0	0	0	2	2	0	0
CCI5*-L (CI4*)	0	1	1	0	2	0	0	0	1	1	0	0
<b>TOTAL</b>	<b>1</b>	<b>100</b>	<b>42</b>	<b>45</b>	<b>188</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>19</b>	<b>32</b>	<b>0</b>	<b>0</b>

# FALLS – Statistics 2010 – 2021

## Falls per type and percentage of falls on starters

Year	Total			Unseated athlete		Horse Falls			
	starters	Falls	%	Falls	%	Total falls	XC fence falls	Total %	XC fence falls %
2010	15,698	783	4.99%	538	3.43%	245		1.56%	
2011	16,312	912	5.59%	629	3.86%	283		1.73%	
2012	15,456	859	5.56%	579	3.75%	280		1.81%	
2013	17,808	937	5.26%	653	3.67%	284		1.59%	
2014	19,210	1,073	5.59%	758	3.95%	315		1.64%	
2015	20,351	1,140	5.60%	854	4.20%	286		1.41%	
2016	19,921	1,064	5.34%	786	3.95%	278		1.40%	
2017	20,611	1,101	5.34%	816	3.96%	285		1.38%	
2018	20,903	1,123	5.37%	800	3.83%	323		1.55%	
2019	20,921	1,166	5.57%	882	4.22%	284	238	1.36%	1.14%
2020	10,644	462	4.34%	358	3.36%	104	84	0.98%	0.79%
2021	19,231	958	4.98%	743	3.86%	215	183	1.12%	0.95%
period	217,066	11,578	5.33%	8,396	3.87%	3,182		1.47 %	
1everyxstarters			19		26			68	

# FALLS – Statistics 2010 – 2021

## Horse falls per type and percentage of type of falls on starters

Year	Total horse falls					Non rotational				Rotational	
	starters	Total falls	XC fence falls	Total %	XC fence falls %	Total falls	XC fence falls	Total %	XC fence falls %	Total falls	%
2010	15,698	245		1.56%		197		1.25%		48	0.31%
2011	16,312	283		1.73%		251		1.54%		32	0.20%
2012	15,456	280		1.81%		239		1.55%		41	0.27%
2013	17,808	284		1.59%		244		1.37%		40	0.22%
2014	19,210	315		1.64%		277		1.44%		38	0.20%
2015	20,351	286		1.41%		248		1.22%		38	0.19%
2016	19,921	278		1.40%		248		1.24%		30	0.15%
2017	20,611	285		1.38%		249		1.21%		36	0.17%
2018	20,903	323		1.55%		295		1.41%		28	0.13%
2019	20,921	284	238	1.36%	1.14%	258	212	1.23%	1.01%	26	0.12%
2020	10,644	104	84	0.98%	0.79%	92	72	0.86%	0.68%	12	0.11%
2021	19,231	215	183	1.12%	0.95%	186	154	0.97%	0.80%	29	0.15%

period	217,066	3,182		1.47%		2,784		1.28%		398	0.18%
teveryxstarters				68				78			545

# FALLS – Statistics 2021

Horse falls per type of competition and level (percentage on number of starters at the level)

	Non rotational				Rotational		Total horse falls				Total horse falls	Total horse falls
	Total falls	XC fence falls	Total %	XC fence falls %	Total falls	%	Total falls	XC fence falls	Total %	XC fence falls %	%	Target %
CCI1*-L (former Intro)	10	4	0.48%	0.19%	1	0.05%	11	5	0.53%	0.24%	0.53	/
CCI2*-L (former CCI1*)	23	15	0.84%	0.55%	2	0.07%	25	17	0.91%	0.62%	0.91%	1.00 %
CCI3*-L (former CCI2*)	19	17	1.39%	1.24%	2	0.15%	21	19	1.54%	1.39%	1.54%	1.50 %
CCI4*-L (former CCI3*)	18	16	2.40%	2.14%	1	0.13%	19	17	2.54%	2.27%	2.54%	2.50 %
CCI5*-L (former CCI4*)	14	13	6.76%	6.28%	2	0.97%	16	15	7.73%	7.25%	7.73%	4.00 %
CCI2*-S (former CIC1*)	29	25	0.55%	0.48%	8	0.15%	37	33	0.71%	0.63%	0.71%	0.75 %
CCI3*-S (former CIC2*)	42	36	0.95%	0.82%	7	0.16%	49	43	1.11%	0.98%	1.11%	1.00 %
CCI4*-S (former CIC3*)	31	28	1.27%	1.14%	6	0.24%	37	34	1.51%	1.39%	1.51%	2.00 %
TOTAL	186	154	0.97%	0.80%	29	0.15%	215	183	1.12%	0.95%	1.12%	/

# FALLS– Statistics 2010 – 2021

## Key Facts

- For 2021, the overall percentage of falls (4.98%) is higher than 2020 (4.34%), however, it is lower than the 2010-2021 average of 5.33%.
- The number of falls on the flat has slightly decreased passing from 26.83 % in 2020 to 22.96% in 2021.
- The average for the period is of 3.87 unseated athletes for every 100 starters (1 unseated athlete every 26 starters) and 1.47 horse falls for every 100 starters (1 horse fall every 68 starters).
- The distribution of falls per competition format shows an established trend with a higher percentage of falls in Long format with an average for the period of 4.87% for Short format and 6.37% for Long format.
- Figures for 2021 show that the 3.86% of unseated athletes is just below the average of the period of 3.87%. Total horse falls at 1.12% are well below the average of the period of 1.47%.
- The percentage of horse falls remains below the average of the period. Both rotational and non rotational falls at XC fences remain at a low percentage.
- The percentage of rotational horse falls (higher risk of injuries for horse and athlete) has decreased from 0.31 horse fall every 100 starters (1 rotational horse fall every 327 starters) in 2010 to 0.15 rotational horse fall every 100 starters (1 rotational horse fall every 663 starters) in 2021. Rotational falls have constantly been decreasing since 2013.







# INJURY

**Statistics 2010 – 2021**

# INJURY – Statistics 2010 – 2021

## Falls per type of injury and percentage of injuries on starters

Year	Total starters	No injury		Slight injury			Serious and fatal injuries		
		Falls	%	Falls	Concussions	%	Falls	Concussion	%
2010	15,698	695	4.43%	60		0.38%	28		0.18%
2011	16,312	848	5.20%	37		0.23%	27		0.17%
2012	15,456	785	5.08%	54		0.35%	20		0.13%
2013	17,808	854	4.80%	60		0.34%	23		0.13%
2014	19,210	982	5.11%	59		0.31%	32		0.17%
2015	20,351	1,068	5.25%	40		0.20%	32		0.16%
2016	19,921	1,002	5.03%	36		0.18%	26		0.13%
2017	20,611	988	4.79%	69		0.33%	44		0.21%
2018	20,903	989	4.73%	93	8	0.44%	41	26	0.20%
2019	20,921	1,045	4.99%	86	6	0.41%	35	15	0.17%
2020	10,644	419	3.94%	35	2	0.33%	8	3	0.08%
2021	19,231	838	4.36%	96	11	0.50%	24	5	0.12%

period	217,066	10,513	4.84%	725		0.33%	340		0.16%
1everyxstarters			21			299			638
1everyxfences			619			8,982			19,153

# INJURY – Statistics 2010 – 2021

Distribution of athletes seriously/fatally injured per type of fall and percentage on falls

Year	Total starters	Unseated athletes			Non rotational horse falls			Rotational horse falls		
		Falls	Seriously injured		Falls	Seriously injured		Falls	Seriously injured	
			Athletes	%		Athletes	%		Athletes	%
2010	15,698	538	11	2.04%	197	10	5.08%	48	6	12.50%
2011	16,312	629	9	1.43%	251	13	5.18%	32	5	15.63%
2012	15,456	579	7	1.21%	239	8	3.35%	41	5	12.20%
2013	17,808	653	10	1.53%	244	5	2.05%	40	6	15.00%
2014	19,210	758	13	1.72%	277	13	4.69%	38	5	13.16%
2015	20,351	854	13	1.52%	248	12	4.84%	38	6	15.79%
2016	19,921	786	9	1.15%	248	9	3.63%	30	5	16.67%
2017	20,611	816	18	2.21%	249	17	6.83%	36	9	25.00%
2018	20,903	800	15	1.88%	295	21	7.12%	28	5	17.86%
2019	20,921	882	12	1.36%	258	18	6.98%	26	5	19.23%
2020	10,644	358	2	0.56%	92	3	3.26%	12	3	25.00%
2021	19,231	743	3	0.40%	186	14	7.53%	29	7	24.14%

period	217,066	8,396	122	1.45%	2,784	143	5.14%	398	67	16.83%
	1everyxfalls			69			19			6

# INJURY – Statistics 2010 – 2021

## Key Facts

- The numbers and statistics in this section need to be assessed with due care as the reporting on injuries has not always been consistent. The reporting of the type of injury sustained was originally left to the fence judge that could only base his judgment on a “first impression” which could often be misleading. An improved follow up procedure on injuries has been implemented as of 2010 in order to have more reliable information confirmed by the Chief Medical Officer and/or Veterinary Delegate on the exact injuries sustained by the athletes and horses.
- Therefore, figures have kept improving. As from 2019, the serious injury definition has been reviewed to “Serious injuries can be categorised as those that, in the opinion of the referring doctor, would require hospital admission for immediate treatment. Examples: major fractures (including all compound fractures, but excluding simple fractures of clavicle and wrist), crush injuries with suspicion of pneumothorax, ruptured spleen etc.”
- For 2021, 24 serious injuries were reported. Out of the 29 rotational falls in 2021, 24 % led to a serious injury (7 falls). This is a big focus to eliminate.
- A total of 16 concussions were reported, 5 linked to a serious injury and 11 to a slight injury.

# INJURY – Statistics 2010 – 2021

## Key Facts

- In 2021, 87.5% of falls caused no injuries, 10% caused slight injuries and 2.5% led to serious injuries.
- Relating the risk of an injury to the number of fences jumped the average of the period shows a risk of a serious injury every 19,674 fences jumped.
- Nevertheless the average values for the period indicate 4.84% falls with no injury every 100 starters (1 fall with no injury every 21 starters), 0.33 % falls with slight injury every 100 starters (1 fall with slight injury every 299 starters), 0.15 % falls with serious injury every 100 starters (1 fall with serious injury every 656 starters) and a 0.0041 % fatal falls every 100 starters (1 fatal fall every 24,118 starters).
- The relative risk factors for the different types of falls show clearly that the risk of having a serious injury changes dramatically from the unseated athlete for whom, as an average of the period, the risk of having a serious injury is once every 69 falls to the rotational horse falls where the average risk of a serious injury is once every 6 falls.



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**THANK YOU**