



## STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

*This special edition of equine research news, features the stallion durability statistics.*

Accompanying is the fifteenth annual listing of stallions by two criteria as developed by the Durability Committee of the Welfare and Safety of the Racehorse Summits underwritten by The Jockey Club and Grayson-Jockey Club Research Foundation. The aim is to highlight stallions which are commercially viable AND produce progeny statistics which would tend to indicate above average performance in two areas----**average number of starts per starter and percentage of foals which get to the races.**



To qualify for the lists, a stallion must have ranked within the first 200 sires by

### 2022 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2022 Earnings	Starts/ Starter
1	Windsor Castle	1998	Lord Carson	445	\$2,244,623	22.03
2	Northern Afleet	1993	Afleet	1240	\$1,734,296	21.28
3	Congrats	2000	A.P. Indy	1139	\$5,565,182	20.97
4	Weigelia	2001	Safely's Mark	205	\$2,488,292	20.43
5	Jump Start	1999	A.P. Indy	1019	\$3,391,678	20.29
6	Court Vision	2005	Gulch	318	\$2,158,636	20.16
7	Include	1997	Broad Brush	846	\$2,262,195	19.73
8	City Zip	1998	Carson City	1302	\$3,009,713	19.56
9	Successful Appeal	1996	Valid Appeal	864	\$1,533,525	19.18
	Macho Uno	1998	Holy Bull	879	\$1,970,697	19.18
11	Too Much Bling	2003	Rubiano	368	\$1,893,069	18.85
12	Sir Prancealot (IRE)	2010	=Tamayuz (GB)	329	\$1,405,111	18.66
13	Broken Vow	1997	Unbridled	1348	\$2,838,398	18.57
14	Take Charge Indy	2009	A.P. Indy	404	\$1,984,470	18.51
15	Flatter	1999	A.P. Indy	1137	\$7,171,357	18.41
16	Vronsky	1999	Danzig	368	\$2,172,370	18.26
17	Bustin Stones	2004	City Zip	295	\$1,575,457	18.24
18	Poseidon's Warrior	2008	Speightstown	200	\$2,176,825	17.98
19	Old Forester	2001	Forestry	551	\$1,894,447	17.97
20	English Channel	2002	Smart Strike	908	\$7,759,807	17.87
21	Stay Thirsty	2008	Bernardini	524	\$5,035,549	17.78
22	Mizzen Mast	1998	Cozzene	1150	\$3,384,487	17.73
23	The Factor	2008	War Front	567	\$5,343,064	17.63
24	Fiber Sonde	2005	Unbridled's Song	318	\$2,817,183	17.62
25	Adios Charlie	2008	Indian Charlie	340	\$1,710,320	17.36
26	Daaher	2004	Awesome Again	202	\$1,497,064	17.22
27	Freud	1998	Storm Cat	994	\$1,989,881	17.19
28	Justin Phillip	2008	First Samurai	234	\$1,739,968	17.18
29	Awesome Again	1994	Deputy Minister	1343	\$1,943,587	17.11
	Flat Out	2006	Flatter	510	\$5,911,399	17.11
31	Square Eddie	2006	Smart Strike	320	\$2,253,829	16.84
32	Field Commission	2005	Service Stripe	200	\$1,476,300	16.75
33	Big Brown	2005	Boundary	635	\$2,214,186	16.73
34	Gone Astray	2006	Dixie Union	354	\$1,896,942	16.65
35	Kitten's Joy	2001	El Prado (IRE)	1843	\$7,850,704	16.62
36	Brethren	2008	Distorted Humor	262	\$3,159,003	16.55
37	Warrior's Reward	2006	Medaglia d'Oro	671	\$2,196,057	16.52
38	First Samurai	2003	Giant's Causeway	847	\$5,369,225	16.44
39	Alternation	2008	Distorted Humor	264	\$2,563,280	16.43
40	Malibu Moon	1997	A.P. Indy	2090	\$8,155,378	16.18
41	Tale of Ekati	2005	Tale of the Cat	432	\$2,619,808	16.16
42	Attila's Storm	2002	Forest Wildcat	373	\$2,672,381	16.07
43	Afleet Alex	2002	Northern Afleet	998	\$1,619,307	15.90
44	Speightstown	1998	Gone West	1354	\$12,200,185	15.86
45	First Dude	2007	Stephen Got Even	487	\$2,356,491	15.83
46	Lemon Drop Kid	1996	Kingmambo	1590	\$4,087,014	15.78
47	Silent Name (JPN)	2002	Sunday Silence	478	\$3,225,775	15.78
48	Itsmyluckyday	2010	Lawyer Ron	206	\$1,516,404	15.71
	Mineshaft	1999	A.P. Indy	1188	\$4,515,414	15.71
50	Lookin At Lucky	2007	Smart Strike	703	\$5,064,463	15.68

progeny earnings for the calendar year 2022. This assures a modicum of success and relevance to the commercial breeding and sales market. For purposes of this presentation, we have rearranged that population by the two criteria stated and for each list have included the top one-half (100 stallions) of the original population of 200 by earnings.



Although stallions qualify for these lists on the basis of 2022 progeny earnings alone, other statistics given here are lifetime through Dec. 31, 2022. (All Northern Hemisphere earnings, except from Japan, are included in these statistics, which were provided by The Jockey Club Information Systems.) The average of the breed in recent crops has been a career of around 15 starts per starter. Thus, we see that two-thirds of the top 200 stallions in earnings reach this average. The average of the breed insofar as percentage of horses that

## 2022 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2022 Earnings	Starts/ Starter
51	Elusive Quality	1993	Gone West	1564	\$1,485,984	15.63
	More Than Ready	1997	Southern Halo	1880	\$9,240,070	15.63
53	Distorted Humor	1993	Forty Niner	1796	\$6,874,206	15.51
54	Hard Spun	2004	Danzig	1251	\$10,120,036	15.49
55	Giant's Causeway	1997	Storm Cat	2024	\$2,293,984	15.46
56	Sky Mesa	2000	Pulpit	1204	\$3,253,289	15.45
57	Temple City	2005	Dynaformer	827	\$6,744,447	15.39
58	Graydar	2009	Unbridled's Song	337	\$1,711,709	15.34
59	Great Notion	2000	Elusive Quality	508	\$4,630,442	15.31
60	Star Guitar	2005	Quiet American	268	\$2,482,351	15.27
61	Street Sense	2004	Street Cry (IRE)	1058	\$9,675,967	15.06
	Tapizar	2008	Tapit	523	\$3,027,865	15.06
63	Treasure Beach (GB)	2008	\$Galileo (IRE)	268	\$1,829,295	15.04
	Ghostzapper	2000	Awesome Again	1192	\$9,459,261	15.04
65	Kantharos	2008	Lion Heart	720	\$8,193,252	15.03
66	Midnight Lute	2003	Real Quiet	864	\$4,205,553	14.98
67	Midshipman	2006	Unbridled's Song	689	\$8,377,017	14.86
68	Munnings	2006	Speightstown	909	\$13,182,096	14.82
	Paynter	2009	Awesome Again	490	\$5,270,727	14.82
70	El Padrino	2009	Pulpit	200	\$1,664,415	14.60
71	Curlin	2004	Smart Strike	1120	\$18,980,601	14.31
72	Tapit	2001	Pulpit	1559	\$13,917,223	14.21
73	Candy Ride (ARG)	1999	Ride the Rails	1716	\$8,028,894	14.07
74	Half Ours	2003	Unbridled's Song	608	\$1,815,392	14.06
75	Street Boss	2004	Street Cry (IRE)	895	\$6,601,075	14.04
76	Boisterous	2007	Distorted Humor	167	\$1,398,138	14.03
77	Twirling Candy	2007	Candy Ride (ARG)	783	\$9,919,642	14.00
78	Liaison	2009	Indian Charlie	368	\$1,637,589	13.93
79	Get Stormy	2006	Stormy Atlantic	337	\$1,760,124	13.85
80	Custom for Carlos	2006	More Than Ready	370	\$2,227,598	13.73
81	Clubhouse Ride	2008	Candy Ride (ARG)	127	\$2,760,897	13.67
82	Point of Entry	2008	Dynaformer	371	\$4,440,375	13.61
83	Creative Cause	2009	Giant's Causeway	585	\$6,449,782	13.59
84	Mission Impazible	2007	Unbridled's Song	310	\$1,801,658	13.37
85	Bandbox	2008	Tapit	121	\$1,949,116	13.20
86	Quality Road	2006	Elusive Quality	890	\$20,699,305	13.17
87	Can the Man	2011	Into Mischief	257	\$2,393,895	13.13
	Pioneer of the Nile	2006	Empire Maker	837	\$9,942,981	13.13
89	Wicked Strong	2011	Hard Spun	355	\$3,591,831	13.07
90	Tiznow	1997	Cee's Tizzy	1745	\$6,454,088	13.02
91	Khazan	2012	Distorted Humor	242	\$4,405,574	13.01
92	Fed Biz	2009	Giant's Causeway	444	\$5,114,967	12.99
93	Dominus	2008	Smart Strike	284	\$3,581,804	12.91
94	Orb	2010	Malibu Moon	441	\$3,189,580	12.89
95	Grazen	2006	Benchmark	293	\$4,407,454	12.86
96	Into Mischief	2005	Harlan's Holiday	1386	\$27,561,655	12.84
97	Oxbow	2010	Awesome Again	466	\$7,248,318	12.78
98	War Front	2002	Danzig	956	\$6,746,377	12.65
99	Flashback	2010	Tapit	298	\$2,312,486	12.60
100	Strong Mandate	2011	Tiznow	290	\$2,891,319	12.37



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reach the races is around 71.89 percent, so that the leaders in that category are seen to be above average.

The underlying premise of these statistics, and of the Durability Committee, is that the national reduction in average starts per starter might be seen as an indication of a decrease in durability of the breed. The average starts per year for North American starters have decreased, from about 11 in 1960 to under 6 since 2020.



It has been under 7 since the year 2001. It is understood that the average number of starts can be a function of many elements, some management based. For example, the salvage value of highly fashionably bred runners as breeding animals often discourages

## 2022 Sires by Lifetime % of Foals of Racing Age Started

Rank	Stallion	YOB	Sire	Foals of		Starters/ Fls of RA
				RA	2022 Earnings	
1	More Than Ready	1997	Southern Halo	1880	\$9,240,070	87.82%
2	Treasure Beach (GB)	2008	\$Galileo (IRE)	268	\$1,829,295	87.31%
3	The Factor	2008	War Front	567	\$5,343,064	84.83%
4	City Zip	1998	Carson City	1302	\$3,009,713	84.64%
5	Congrats	2000	A.P. Indy	1139	\$5,565,182	84.11%
6	Court Vision	2005	Gulch	318	\$2,158,636	83.33%
7	Elusive Quality	1993	Gone West	1564	\$1,485,984	83.18%
8	Include	1997	Broad Brush	846	\$2,262,195	83.10%
9	Poseidon's Warrior	2008	Speightstown	200	\$2,176,825	83.00%
10	Too Much Bling	2003	Rubiano	368	\$1,893,069	82.88%
11	Northern Afleet	1993	Afleet	1240	\$1,734,296	82.66%
12	Tapit	2001	Pulpit	1559	\$13,917,223	81.21%
13	Daaher	2004	Awesome Again	202	\$1,497,064	81.19%
14	Broken Vow	1997	Unbridled	1348	\$2,838,398	80.71%
15	Windsor Castle	1998	Lord Carson	445	\$2,244,623	80.67%
16	Lemon Drop Kid	1996	Kingmambo	1590	\$4,087,014	80.31%
17	Street Boss	2004	Street Cry (IRE)	895	\$6,601,075	80.22%
18	Tapiture	2011	Tapit	451	\$7,872,978	80.04%
19	Weigelia	2001	Safely's Mark	205	\$2,488,292	80.00%
20	Sky Mesa	2000	Pulpit	1204	\$3,253,289	79.73%
21	Distorted Humor	1993	Forty Niner	1796	\$6,874,206	79.73%
22	Hard Spun	2004	Danzig	1251	\$10,120,036	79.70%
23	Flatter	1999	A.P. Indy	1137	\$7,171,357	79.68%
24	Gone Astray	2006	Dixie Union	354	\$1,896,942	79.66%
25	Old Forester	2001	Forestry	551	\$1,894,447	79.49%
26	Brethren	2008	Distorted Humor	262	\$3,159,003	79.39%
27	Cajun Breeze	2008	Congrats	92	\$1,718,280	79.35%
28	Bernardini	2003	A.P. Indy	1305	\$6,147,607	79.31%
29	Macho Uno	1998	Holy Bull	879	\$1,970,697	79.29%
30	Midshipman	2006	Unbridled's Song	689	\$8,377,017	79.25%
31	Big Brown	2005	Boundary	635	\$2,214,186	78.90%
32	Freud	1998	Storm Cat	994	\$1,989,881	78.87%
33	Malibu Moon	1997	A.P. Indy	2090	\$8,155,378	78.85%
34	Successful Appeal	1996	Valid Appeal	864	\$1,533,525	78.82%
35	Street Sense	2004	Street Cry (IRE)	1058	\$9,675,967	78.73%
36	Silent Name (JPN)	2002	Sunday Silence	478	\$3,225,775	78.66%
37	Speightstown	1998	Gone West	1354	\$12,200,185	78.66%
38	Khozan	2012	Distorted Humor	242	\$4,405,574	78.51%
39	Cairo Prince	2011	Pioneerof the Nile	588	\$9,558,516	78.40%
40	Jump Start	1999	A.P. Indy	1019	\$3,391,678	78.21%
41	Giant's Causeway	1997	Storm Cat	2024	\$2,293,984	77.92%
42	Sir Prancealot (IRE)	2010	=Tamayuz (GB)	329	\$1,405,111	77.81%
43	Creative Cause	2009	Giant's Causeway	585	\$6,449,782	77.78%
44	Graydar	2009	Unbridled's Song	337	\$1,711,709	77.74%
45	War Front	2002	Danzig	956	\$6,746,377	77.62%
46	Mizzen Mast	1998	Cozzene	1150	\$3,384,487	77.57%
47	Paynter	2009	Awesome Again	490	\$5,270,727	77.35%
48	Munnings	2006	Speightstown	909	\$13,182,096	77.34%
49	Custom for Carlos	2006	More Than Ready	370	\$2,227,598	77.30%
50	Upstart	2012	Flatter	193	\$6,619,066	77.20%



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continuing to race a young horse once any problem develops.

We also understand that no statistical presentation can serve as a single indicator of success. The trade media for years have published sire statistics based on earnings, but also have provided a plethora of other measures, indices, percentages of stakes winners, etc. In that vein, it is hoped that the accompanying statistics provide yet another kind of insight into contemporary stallions' progeny, whether an individual stallion is seen as a candidate to breed to or as the sire of weanlings, yearlings, two-year-olds, or broodmares.

*All statistics provided by:*



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## 2022 Sires by Lifetime % of Foals of Racing Age Started

Rank	Stallion	YOB	Sire	Foals of		Starters/ Fls of RA
				RA	2022 Earnings	
51	Half Ours	2003	Unbridled's Song	608	\$1,815,392	76.97%
52	English Channel	2002	Smart Strike	908	\$7,759,807	76.87%
53	Tale of Ekati	2005	Tale of the Cat	432	\$2,619,808	76.85%
54	Into Mischief	2005	Harlan's Holiday	1386	\$27,561,655	76.84%
55	Competitive Edge	2012	Super Saver	207	\$3,161,401	76.81%
56	Bustin Stones	2004	City Zip	295	\$1,575,457	76.61%
57	Summer Front	2009	War Front	303	\$5,276,550	76.57%
58	Square Eddie	2006	Smart Strike	320	\$2,253,829	76.56%
	Get Stormy	2006	Stormy Atlantic	337	\$1,760,124	76.56%
60	Mineshaft	1999	A.P. Indy	1188	\$4,515,414	76.52%
61	Blame	2006	Arch	656	\$5,071,583	76.22%
62	First Dude	2007	Stephen Got Even	487	\$2,356,491	76.18%
63	Justin Phillip	2008	First Samurai	234	\$1,739,968	76.07%
64	Divining Rod	2012	Tapit	96	\$2,729,897	76.04%
	Frosted	2012	Tapit	338	\$6,702,273	76.04%
66	First Samurai	2003	Giant's Causeway	847	\$5,369,225	76.03%
67	Afleet Alex	2002	Northern Afleet	998	\$1,619,307	75.95%
68	Temple City	2005	Dynaformer	827	\$6,744,447	75.94%
69	Tapizar	2008	Tapit	523	\$3,027,865	75.72%
70	Warrior's Reward	2006	Medaglia d'Oro	671	\$2,196,057	75.71%
71	Laoban	2013	Uncle Mo	185	\$5,028,045	75.68%
72	Orb	2010	Malibu Moon	441	\$3,189,580	75.28%
73	Union Rags	2009	Dixie Union	792	\$8,364,275	75.25%
74	Fed Biz	2009	Giant's Causeway	444	\$5,114,967	75.23%
75	Stay Thirsty	2008	Bernardini	524	\$5,035,549	75.19%
76	Great Notion	2000	Elusive Quality	508	\$4,630,442	75.00%
	Alternation	2008	Distorted Humor	264	\$2,563,280	75.00%
78	Point of Entry	2008	Dynaformer	371	\$4,440,375	74.93%
79	Kantharos	2008	Lion Heart	720	\$8,193,252	74.86%
80	Ghostzapper	2000	Awesome Again	1192	\$9,459,261	74.83%
81	Curlin	2004	Smart Strike	1120	\$18,980,601	74.82%
82	Speightster	2012	Speightstown	317	\$6,879,773	74.76%
	Mohaymen	2013	Tapit	103	\$1,966,441	74.76%
	Itsmyluckyday	2010	Lawyer Ron	206	\$1,516,404	74.76%
85	Constitution	2011	Tapit	379	\$10,489,996	74.67%
86	Quality Road	2006	Elusive Quality	890	\$20,699,305	74.61%
87	Tiznow	1997	Cee's Tizzy	1745	\$6,454,088	74.50%
88	Strong Mandate	2011	Tiznow	290	\$2,891,319	74.48%
89	Flat Out	2006	Flatter	510	\$5,911,399	74.12%
90	Kitten's Joy	2001	El Prado (IRE)	1843	\$7,850,704	74.06%
91	Clubhouse Ride	2008	Candy Ride (ARG)	127	\$2,760,897	74.02%
92	Lookin At Lucky	2007	Smart Strike	703	\$5,064,463	73.83%
93	Exaggerator	2013	Curlin	336	\$5,946,836	73.81%
94	Not This Time	2014	Giant's Causeway	267	\$12,850,673	73.78%
95	Awesome Again	1994	Deputy Minister	1343	\$1,943,587	73.64%
96	Mr Speaker	2011	Pulpit	163	\$2,943,556	73.62%
97	Mission Impazible	2007	Unbridled's Song	310	\$1,801,658	73.55%
98	Fiber Sonde	2005	Unbridled's Song	318	\$2,817,183	73.27%
99	Jack Milton	2010	War Front	158	\$1,997,197	72.78%
100	Star Guitar	2005	Quiet American	268	\$2,482,351	72.76%

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## Top 2022 Sires of Stakes Winners 4 Years Old & Up

### OLDER STAKES WINNERS

Following is a simple ranking of sires of 2022 by their number of stakes winners four years old and upward, with additional recognition of their graded stakes winners of those ages last year. For this list, there was no requirement concerning progeny earnings but would have included those with more than three stakes winners that were four-years or older in 2022. It will be noted, however, that the leaders on this list are also familiar names from various trade media lists arranged by more fashion-driven criteria.

#### Previously Published Durability Stats Can Be Accessed Below:

- [Durability Stats, 2022](#)
- [Durability Stats, 2021](#)
- [Durability Stats, 2020](#)
- [Durability Stats, 2019](#)
- [Durability Stats, 2018](#)
- [Durability Stats, 2017](#)
- [Durability Stats, 2016](#)
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- [Durability Stats, 2013](#)
- [Durability Stats, 2012](#)
- [Durability Stats, 2011](#)
- [Durability Stats, 2010](#)
- [Durability Stats, 2009](#)

Rank	Sire	Stakes Winners 4 & Up	Graded Stakes Winners 4 & Up
1	Into Mischief	16	9
2	Curlin	9	8
3	Not This Time	8	4
	Constitution	8	3
5	Pioneerof the Nile	7	3
6	Quality Road	6	3
	Temple City	6	3
	English Channel	6	3
	Ghostzapper	6	3
	Munnings	6	2
11	Will Take Charge	5	3
	Grazen	5	1
	Hard Spun	5	
	Tonalist	5	2
	Lemon Drop Kid	5	1
	Candy Ride (ARG)	5	1
	Speightstown	5	4
	Uncle Mo	5	2
19	Mucho Macho Man	4	1
	Blame	4	1
	American Pharoah	4	3
	Declaration of War	4	2
	Bernardini	4	3
	We Miss Artie	4	3
	First Samurai	4	
	Kantharos	4	
	War Front	4	3
	Competitive Edge	4	2
	Paynter	4	1
	Tapit	4	3
	Noble Mission (GB)	4	2
	Malibu Moon	4	1
	Uncaptured	4	2
	Tapiture	4	
35	Kitten's Joy	3	1
	Central Banker	3	
	Bayern	3	2
	Twirling Candy	3	2
	Fed Biz	3	
	Street Boss	3	
	The Factor	3	1
	Bourbon Courage	3	1
	Oxbow	3	1
	Nyquist	3	1
	Kodiac (GB)	3	1
	Honor Code	3	2
	Street Sense	3	2
	Animal Kingdom	3	2
	Bandbox	3	
	Liam's Map	3	2
	Dubawi (IRE)	3	3
	Fiber Sonde	3	
	Goldcents	3	2
	Runhappy	3	
	Secret Circle	3	2
	Kingman (GB)	3	2
	Midshipman	3	1
	Medaglia d'Oro	3	1
	Include	3	1

## Breed Averages

Average Type	All Foals	Top Sires
2011-2020	All foals	Foals by top 1% of sires
Starters / foals %	71.89	77.85
Winners / foals (starters) %	47.02 (65.41)	53.10 (68.21)
Repeat winners / foals (starters) %	33.55 (46.67)	38.82 (49.86)
Stakes placed / foals (starters) %	6.32 (8.79)	8.90 (11.43)
Stakes winners / foals (starters) %	2.90 (4.04)	5.46 (7.01)
Graded SW / foals (starters) %	0.86 (1.19)	2.47 (3.17)
Grade 1 SW / foals (starters) %	0.22 (0.31)	0.71 (0.91)
Two-year-old starters / foals %	38.79	43.40
Two-year-old winners / foals (2yo starters) %	11.93 (30.76)	13.91 (32.06)
Two-year-old SW / foals (2yo starters) %	1.03 (2.66)	1.54 (3.55)
Three-year-old starters / foals %	60.15	65.95
Four-year-old starters / foals %	43.04	45.59
Five-year-old and up starters / foals %	25.15	26.13
Average career starts / foals	10.8	11.0
Average career starts / starter	15.0	14.1
Average winning distance in furlongs	6.72	7.13
Average winning turf distance in furlongs	7.44	7.65
Average earnings / starter	\$58915	\$92609
Average earnings / starter male (female)	\$66062 (\$51680)	\$109422 (\$75920)
Average earnings / start	\$3932	\$6552
Average earnings / start male (female)	\$4003 (\$3844)	\$6469 (\$6674)
Average CPI	0.94	1.59

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