



STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

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

Accompanying is the Twelfth annual listing of stallions by two criteria as developed by the Durability Committee of the Welfare and Safety of the Racehorse Summits under-written 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 progeny earnings for the calendar year 2019. This assures a

2019 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2019 Earnings	Starts/Starter
1	Not For Love	1990	Mr. Prospector	994	\$2,066,417	22.88
2	Pure Prize	1998	Storm Cat	713	\$3,222,615	22.17
3	Cowtown Cat	2004	Distorted Humor	233	\$1,583,407	22.14
4	Wildcat Heir	2000	Forest Wildcat	714	\$2,578,182	21.74
5	Langfuhr	1992	Danzig	1410	\$1,924,932	21.52
6	Windsor Castle	1998	Lord Carson	367	\$2,236,992	21.08
7	Northern Afleet	1993	Afleet	1182	\$2,989,713	20.78
8	Weigelia	2001	Safely's Mark	132	\$1,684,841	20.49
9	Stephen Got Even	1996	A.P. Indy	882	\$1,232,154	20.28
10	Limehouse	2001	Grand Slam	484	\$1,472,131	20.10
11	Greeley's Galaxy	2002	Mr. Greeley	192	\$1,154,085	19.99
12	Orientate	1998	Mt. Livermore	815	\$1,441,916	19.89
13	Yes It's True	1996	Is It True	1188	\$4,595,142	19.54
14	Too Much Bling	2003	Rubiano	276	\$1,326,920	19.46
15	Include	1997	Broad Brush	791	\$2,626,451	19.34
16	Jump Start	1999	A.P. Indy	916	\$5,446,564	19.33
17	Congrats	2000	A.P. Indy	957	\$6,780,639	18.89
18	Ministers Wild Cat	2000	Deputy Minister	491	\$1,824,822	18.52
19	Proud Citizen	1999	Gone West	826	\$1,815,584	18.52
20	Vronsky	1999	Danzig	270	\$1,602,832	18.32
21	Macho Uno	1998	Holy Bull	824	\$2,546,378	18.31
22	Bustin Stones	2004	City Zip	215	\$2,428,930	18.23
23	Successful Appeal	1996	Valid Appeal	819	\$2,931,265	18.23
24	Broken Vow	1997	Unbridled	1263	\$4,312,011	18.06
25	Smarty Jones	2001	Elusive Quality	560	\$1,370,694	18.06
26	Unusual Heat	1990	Nureyev	839	\$2,735,444	18.05
27	Harlan's Holiday	1999	Harlan	1083	\$2,884,103	17.88
28	Flatter	1999	A.P. Indy	957	\$5,831,347	17.82
29	Diabolical	2003	Artax	176	\$1,194,726	17.81
30	Songandaprayer	1998	Unbridled's Song	1057	\$1,783,302	17.76
31	City Zip	1998	Carson City	1302	\$8,995,800	17.64
32	Regal Ransom	2006	Distorted Humor	232	\$1,896,540	17.50
33	Old Forester	2001	Forestry	468	\$2,641,981	17.41
34	High Cotton	2003	Dixie Union	412	\$1,230,228	17.38
35	Mizzen Mast	1998	Cozzene	1027	\$3,244,093	17.38
36	Freud	1998	Storm Cat	889	\$4,013,126	17.28
37	Stroll	2000	Pulpit	329	\$1,963,133	16.74
38	Court Vision	2005	Gulch	241	\$3,821,929	16.72
39	Awesome Again	1994	Deputy Minister	1274	\$4,789,062	16.50
40	Malibu Moon	1997	A.P. Indy	1784	\$8,863,906	16.18
41	English Channel	2002	Smart Strike	705	\$8,485,144	16.17
42	Talent Search	2003	Catienus	163	\$1,236,966	16.11
43	Birdstone	2001	Grindstone	625	\$1,597,889	16.01
44	Stormy Atlantic	1994	Storm Cat	1563	\$4,303,727	16.00
45	Wilburn	2008	Bernardini	337	\$1,819,458	15.90

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 2019 progeny earnings alone, other statistics given here are lifetime through Dec. 31, 2019. (All Northern Hemisphere earnings, except from Japan, are included in these statistics, which were provided by The Jockey Club Information Systems.) Since 2005, the average of the breed in recent crops has been a career of around 17 starts per starter. Thus, we see that only a minority of the top 200 stallions in earnings reach this average. The average of the breed insofar as percentage of horses that reach the races

2019 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2019 Earnings	Starts/ Starter
46	Friesan Fire	2006	A.P. Indy	234	\$2,723,790	15.87
47	Skipshot	2007	Skip Away	63	\$2,564,617	15.79
48	Exchange Rate	1997	Danzig	986	\$4,181,157	15.78
49	Speightstown	1998	Gone West	1095	\$10,026,549	15.76
50	Kitten's Joy	2001	El Prado (IRE)	1486	\$10,520,744	15.72
51	Tale of the Cat	1994	Storm Cat	1814	\$3,777,058	15.72
52	More Than Ready	1997	Southern Halo	1576	\$9,954,424	15.71
53	Smart Strike	1992	Mr. Prospector	1570	\$3,842,323	15.65
54	Charitable Man	2006	Lemon Drop Kid	191	\$1,235,343	15.60
55	Street Magician	2004	Street Cry (IRE)	141	\$1,490,618	15.59
56	Distorted Humor	1993	Forty Niner	1543	\$6,551,907	15.56
57	Desert Party	2006	Street Cry (IRE)	251	\$1,695,888	15.52
58	Silent Name (JPN)	2002	Sunday Silence	367	\$2,822,080	15.47
59	Drosselmeyer	2007	Distorted Humor	323	\$2,888,117	15.43
60	Great Notion	2000	Elusive Quality	355	\$3,195,902	15.42
61	Boys At Tosconova	2008	Officer	79	\$1,402,796	15.40
62	First Defence	2004	Unbridled's Song	345	\$2,428,925	15.38
63	Hard Spun	2004	Danzig	901	\$11,773,691	15.38
64	Perfect Soul (IRE)	1998	Sadler's Wells	501	\$2,221,767	15.35
65	Tale of Ekati	2005	Tale of the Cat	313	\$2,264,642	15.28
66	First Samurai	2003	Giant's Causeway	644	\$4,546,561	15.25
67	Arch	1995	Kris S.	1119	\$5,756,964	15.24
68	Awesome of Course	2000	Awesome Again	266	\$1,251,320	15.23
69	Hat Trick (JPN)	2001	Sunday Silence	484	\$2,787,395	15.17
70	Frost Giant	2003	Giant's Causeway	317	\$2,391,438	15.15
71	J P's Gusto	2008	Successful Appeal	95	\$1,199,426	15.08
72	Adios Charlie	2008	Indian Charlie	218	\$3,762,425	15.04
73	Elusive Quality	1993	Gone West	1542	\$3,161,894	15.04
74	Lemon Drop Kid	1996	Kingmambo	1464	\$5,672,491	15.03
75	Ghostzapper	2000	Awesome Again	919	\$9,180,663	15.03
76	Bellamy Road	2002	Concerto	702	\$2,789,384	14.86
77	Lucky Pulpit	2001	Pulpit	489	\$2,275,881	14.83
78	Sky Mesa	2000	Pulpit	1059	\$5,616,051	14.79
79	Mineshaft	1999	A.P. Indy	965	\$5,387,864	14.76
80	Street Cry (IRE)	1998	Machiavellian	1206	\$5,571,850	14.75
81	Giant Oak	2006	Giant's Causeway	131	\$1,131,998	14.71
82	Square Eddie	2006	Smart Strike	239	\$3,273,655	14.66
83	Giant's Causeway	1997	Storm Cat	2005	\$13,329,012	14.66
84	Dublin	2007	Afleet Alex	195	\$2,083,500	14.63
85	Afleet Alex	2002	Northern Afleet	950	\$3,713,984	14.54
86	Candy Ride (ARG)	1999	Ride the Rails	1351	\$10,361,870	14.49
87	Big Brown	2005	Boundary	553	\$3,757,415	14.37
88	Fiber Sonde	2005	Unbridled's Song	242	\$3,859,836	14.30
89	Street Sense	2004	Street Cry (IRE)	770	\$9,489,657	14.29
90	Attila's Storm	2002	Forest Wildcat	294	\$2,280,685	14.23
91	Tapit	2001	Pulpit	1311	\$13,816,354	14.13
92	Kantharos	2008	Lion Heart	366	\$7,151,020	14.09
93	Warrior's Reward	2006	Medaglia d'Oro	562	\$4,281,039	14.08
94	Grazen	2006	Benchmark	118	\$2,097,253	14.01
95	Stay Thirsty	2008	Bernardini	318	\$6,358,961	13.97
96	Gone Astray	2006	Dixie Union	261	\$1,549,962	13.74
97	Midnight Lute	2003	Real Quiet	693	\$7,833,332	13.71
98	Half Ours	2003	Unbridled's Song	481	\$1,678,316	13.59
99	Lookin At Lucky	2007	Smart Strike	491	\$8,162,085	13.59
100	Curlin	2004	Smart Strike	800	\$15,250,122	13.57

is around 70 percent, so that the leaders in that category are seen to be well 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 about 6 in recent years. 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

2019 Sires by Lifetime % of Foals of Racing Age Started

Rank	Stallion	YOB	Sire	Foals of RA	2019 Earnings	Starters/ Foals of RA
1	More Than Ready	1997	Southern Halo	1576	\$9,954,424	87.56%
2	Langfuhr	1992	Danzig	1410	\$1,924,932	85.46%
3	Not For Love	1990	Mr. Prospector	994	\$2,066,417	85.31%
4	Harlan's Holiday	1999	Harlan	1083	\$2,884,103	84.58%
5	Wildcat Heir	2000	Forest Wildcat	714	\$2,578,182	84.45%
6	Exchange Rate	1997	Danzig	986	\$4,181,157	84.28%
7	Yes It's True	1996	Is It True	1188	\$4,595,142	84.18%
8	Skipshot	2007	Skip Away	63	\$2,564,617	84.13%
9	High Cotton	2003	Dixie Union	412	\$1,230,228	83.98%
10	Diabolical	2003	Artax	176	\$1,194,726	83.52%
11	Songandaprayer	1998	Unbridled's Song	1057	\$1,783,302	83.16%
12	Court Vision	2005	Gulch	241	\$3,821,929	82.99%
13	Pure Prize	1998	Storm Cat	713	\$3,222,615	82.89%
14	Stephen Got Even	1996	A.P. Indy	882	\$1,232,154	82.43%
15	Elusive Quality	1993	Gone West	1542	\$3,161,894	82.30%
16	Get Stormy	2006	Stormy Atlantic	206	\$3,857,461	82.04%
17	City Zip	1998	Carson City	1302	\$8,995,800	81.87%
18	Weigelia	2001	Safely's Mark	132	\$1,684,841	81.82%
19	Stroll	2000	Pulpit	329	\$1,963,133	81.76%
20	Frost Giant	2003	Giant's Causeway	317	\$2,391,438	81.70%
21	Congrats	2000	A.P. Indy	957	\$6,780,639	81.50%
22	The Factor	2008	War Front	433	\$9,391,194	81.06%
23	Northern Afleet	1993	Afleet	1182	\$2,989,713	80.96%
24	Proud Citizen	1999	Gone West	826	\$1,815,584	80.75%
25	Scat Daddy	2004	Johannesburg	945	\$8,558,921	80.63%
26	Charitable Man	2006	Lemon Drop Kid	191	\$1,235,343	80.63%
27	Include	1997	Broad Brush	791	\$2,626,451	80.53%
28	Awesome of Course	2000	Awesome Again	266	\$1,251,320	80.08%
29	Tapit	2001	Pulpit	1311	\$13,816,354	80.02%
30	Bustin Stones	2004	City Zip	215	\$2,428,930	80.00%
31	Tale of the Cat	1994	Storm Cat	1814	\$3,777,058	79.88%
32	Distorted Humor	1993	Forty Niner	1543	\$6,551,907	79.84%
33	Stormy Atlantic	1994	Storm Cat	1563	\$4,303,727	79.78%
34	Flatter	1999	A.P. Indy	957	\$5,831,347	79.73%
35	Broken Vow	1997	Unbridled	1263	\$4,312,011	79.57%
36	Bellamy Road	2002	Concerto	702	\$2,789,384	79.20%
37	Arch	1995	Kris S.	1119	\$5,756,964	79.09%
38	Smart Strike	1992	Mr. Prospector	1570	\$3,842,323	78.98%
39	Bernardini	2003	A.P. Indy	1044	\$6,317,001	78.93%
40	Windsor Castle	1998	Lord Carson	367	\$2,236,992	78.75%
41	Street Magician	2004	Street Cry (IRE)	141	\$1,490,618	78.72%
42	Treasure Beach (GB)	2008	\$Galileo (IRE)	183	\$2,101,802	78.69%
43	Lucky Pulpit	2001	Pulpit	489	\$2,275,881	78.53%
44	Daaher	2004	Awesome Again	162	\$2,282,536	78.40%
45	Speightstown	1998	Gone West	1095	\$10,026,549	78.17%
46	Kantharos	2008	Lion Heart	366	\$7,151,020	78.14%
47	Hard Spun	2004	Danzig	901	\$11,773,691	78.14%
48	Big Brown	2005	Boundary	553	\$3,757,415	78.12%
49	Sky Mesa	2000	Pulpit	1059	\$5,616,051	78.09%
50	Freud	1998	Storm Cat	889	\$4,013,126	77.95%



Dell Hancock, *Chairman*

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salvage value of highly fashionably bred runners as breeding animals often discourages 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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2019 Sires by Lifetime % of Foals of Racing Age Started						
Rank	Stallion	YOB	Sire	Foals of RA	2019 Earnings	Starters/ Foals of RA
51	Empire Way	2009	Empire Maker	127	\$1,249,383	77.95%
52	Lemon Drop Kid	1996	Kingmambo	1464	\$5,672,491	77.94%
53	Malibu Moon	1997	A.P. Indy	1784	\$8,863,906	77.91%
54	Ministers Wild Cat	2000	Deputy Minister	491	\$1,824,822	77.80%
55	Overanalyze	2010	Dixie Union	252	\$3,825,706	77.78%
56	Successful Appeal	1996	Valid Appeal	819	\$2,931,265	77.78%
57	Old Forester	2001	Forestry	468	\$2,641,981	77.56%
58	Macho Uno	1998	Holy Bull	824	\$2,546,378	77.55%
59	Giant's Causeway	1997	Storm Cat	2005	\$13,329,012	77.41%
60	Street Sense	2004	Street Cry (IRE)	770	\$9,489,657	77.27%
61	Too Much Bling	2003	Rubiano	276	\$1,326,920	77.17%
62	Oriente	1998	Mt. Livermore	815	\$1,441,916	77.06%
63	War Front	2002	Danzig	747	\$8,043,477	76.97%
64	Jump Start	1999	A.P. Indy	916	\$5,446,564	76.97%
65	Street Boss	2004	Street Cry (IRE)	655	\$5,034,991	76.95%
66	Street Cry (IRE)	1998	Machiavellian	1206	\$5,571,850	76.87%
67	Gone Astray	2006	Dixie Union	261	\$1,549,962	76.63%
68	Limehouse	2001	Grand Slam	484	\$1,472,131	76.45%
69	Mizzen Mast	1998	Cozzene	1027	\$3,244,093	76.14%
70	Gio Ponti	2005	Tale of the Cat	437	\$4,558,989	75.97%
71	Mineshaft	1999	A.P. Indy	965	\$5,387,864	75.96%
72	Midshipman	2006	Unbridled's Song	422	\$5,142,189	75.83%
73	Munnings	2006	Speightstown	541	\$8,211,605	75.79%
74	Silent Name (JPN)	2002	Sunday Silence	367	\$2,822,080	75.75%
75	Star Guitar	2005	Quiet American	140	\$2,165,091	75.71%
76	Desert Party	2006	Street Cry (IRE)	251	\$1,695,888	75.70%
77	Perfect Soul (IRE)	1998	Sadler's Wells	501	\$2,221,767	75.45%
78	Unusual Heat	1990	Nureyev	839	\$2,735,444	75.45%
79	Quality Road	2006	Elusive Quality	553	\$13,153,961	75.41%
80	Into Mischief	2005	Harlan's Holiday	805	\$18,656,068	75.40%
81	Cowtown Cat	2004	Distorted Humor	233	\$1,583,407	75.11%
82	Half Ours	2003	Unbridled's Song	481	\$1,678,316	75.05%
83	English Channel	2002	Smart Strike	705	\$8,485,144	75.04%
84	Talent Search	2003	Catienus	163	\$1,236,966	74.85%
85	Poseidon's Warrior	2008	Speightstown	139	\$1,853,705	74.82%
86	Take Charge Indy	2009	A.P. Indy	274	\$6,165,945	74.82%
87	Sir Prancealot (IRE)	2010	=Tamayuz (GB)	270	\$2,960,825	74.81%
88	Great Notion	2000	Elusive Quality	355	\$3,195,902	74.65%
89	Afleet Alex	2002	Northern Afleet	950	\$3,713,984	74.42%
90	Warrior's Reward	2006	Medaglia d'Oro	562	\$4,281,039	74.38%
91	Smarty Jones	2001	Elusive Quality	560	\$1,370,694	74.11%
92	Algorithms	2009	Bernardini	266	\$4,270,547	74.06%
93	Alternation	2008	Distorted Humor	177	\$3,700,478	74.01%
94	Wilburn	2008	Bernardini	337	\$1,819,458	73.89%
95	Brethren	2008	Distorted Humor	149	\$2,649,798	73.83%
96	Curlin	2004	Smart Strike	800	\$15,250,122	73.75%
97	Blame	2006	Arch	468	\$5,209,609	73.72%
98	First Samurai	2003	Giant's Causeway	644	\$4,546,561	73.60%
99	Point of Entry	2008	Dynaformer	200	\$4,358,693	73.50%
100	Greeley's Galaxy	2002	Mr. Greeley	192	\$1,154,085	73.44%

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Top 2019 Sires of Stakes Winners 4 Years Old & Up

OLDER STAKES WINNERS

Following is a simple ranking of sires of 2019 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. 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.

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Ninth Welfare & Safety
of the Racehorse Summit

Tuesday
June 23, 2020

Keeneland Sales Pavilion
Lexington, KY

Rank	Sire	Stakes Winners 4 & Up	GR. Stakes Winners 4 & Up
1	Tapit	13	8
2	Curlin	10	5
	The Factor	10	2
4	English Channel	9	5
	Into Mischief	9	3
	Medaglia d'Oro	9	6
7	Ghostzapper	8	3
8	Candy Ride (ARG)	7	5
	Malibu Moon	7	1
10	City Zip	6	2
	Midshipman	6	1
	Smart Strike	6	4
	Uncle Mo	6	3
14	Arch	5	4
	Artie Schiller	5	1
	Colonel John	5	2
	Giant's Causeway	5	1
	Majestic Warrior	5	2
	Midnight Lute	5	2
	Scat Daddy	5	2
	Speightstown	5	3
	Street Cry (IRE)	5	3
	Street Sense	5	4
24	Blame	4	4
	Divine Park	4	
	Gio Ponti	4	2
	Harlan's Holiday	4	1
	Maclean's Music	4	
	Mizzen Mast	4	1
	More Than Ready	4	4
	Munnings	4	
	Pure Prize	4	1
	Shackleford	4	2
	Slew's Tiznow	4	
	Union Rags	4	2
36	Bernardini	3	
	Broken Vow	3	1
	Cowboy Cal	3	
	Dialed In	3	1
	Dubawi (IRE)	3	2
	Eskendereya	3	1
	Fiber Sonde	3	2
	Freud	3	
	Get Stormy	3	1
	Great Notion	3	
	Hard Spun	3	1
	Kitten's Joy	3	3
	Lookin At Lucky	3	2
	Mineshaft	3	1
	Quality Road	3	2
	Sky Mesa	3	
	Star Guitar	3	1
	Stormy Atlantic	3	1
	Temple City	3	3
	Tiz Wonderful	3	2
	Twirling Candy	3	3
	Unusual Heat	3	1

Breed Averages

Average Type	All Foals	Top Sires
2005-2014	All foals	Foals by top 1% of sires
Starters / foals %	72.29	82.06
Winners / foals (starters) %	48.62 (67.26)	61.13 (74.49)
Repeat winners / foals (starters) %	35.63 (49.29)	47.23 (57.56)
Stakes placed / foals (starters) %	5.90 (8.17)	9.89 (12.06)
Stakes winners / foals (starters) %	2.79 (3.86)	5.98 (7.29)
Graded SW / foals (starters) %	0.81 (1.12)	2.53 (3.09)
Grade 1 SW / foals (starters) %	0.21 (0.29)	0.71 (0.87)
Two-year-old starters / foals %	35.52	44.08
Two-year-old winners / foals (2yo starters) %	11.11 (31.29)	15.19 (34.46)
Two-year-old SW / foals (2yo starters) %	0.89 (2.50)	1.55 (3.51)
Three-year-old starters / foals %	60.95	71.38
Four-year-old starters / foals %	47.80	55.41
Five-year-old and up starters / foals %	28.33	32.64
Average career starts / foals	12.3	14.1
Average career starts / starter	17.0	17.2
Average winning distance in furlongs	6.75	7.08
Average winning turf distance in furlongs	7.57	7.75
Average earnings / starter	\$52548	\$88442
Average earnings / starter male (female)	\$59211 (\$45707)	\$104249 (\$72537)
Average earnings / start	\$3094	\$5155
Average earnings / start male (female)	\$3144 (\$3030)	\$5090 (\$5252)
Average CPI	0.92	1.62



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