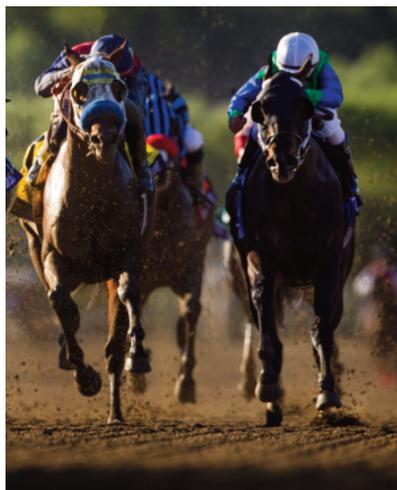




STALLION STATISTICS SEEKING DURABILITY, SOUNDNESS

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

Accompanying is the 13th 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 progeny earnings for the calendar year 2020.

2020 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2020 Earnings	Starts/ Starter
1	Indy Wind	2002	A.P. Indy	86	\$1,074,464	25.92
2	Cowtown Cat	2004	Distorted Humor	244	\$1,213,989	22.72
3	Wildcat Heir	2000	Forest Wildcat	715	\$1,347,822	22.54
4	Langfuhr	1992	Danzig	1423	\$1,082,030	21.67
5	Windsor Castle	1998	Lord Carson	393	\$1,418,929	21.65
6	Northern Afleet	1993	Afleet	1205	\$1,899,934	20.89
7	Mobil	2000	Langfuhr	217	\$1,039,168	20.33
8	Yes It's True	1996	Is It True	1188	\$2,035,270	20.24
9	Orientate	1998	Mt. Livermore	833	\$985,029	20.05
10	Jump Start	1999	A.P. Indy	962	\$3,307,304	19.47
11	Include	1997	Broad Brush	814	\$2,365,315	19.32
12	Congrats	2000	A.P. Indy	1042	\$5,181,151	19.20
13	Proud Citizen	1999	Gone West	826	\$1,012,316	19.00
14	Ministers Wild Cat	2000	Deputy Minister	532	\$1,269,062	18.66
15	Successful Appeal	1996	Valid Appeal	845	\$1,938,786	18.58
16	Bustin Stones	2004	City Zip	245	\$1,493,324	18.46
17	Macho Uno	1998	Holy Bull	858	\$1,720,253	18.34
18	City Zip	1998	Carson City	1302	\$7,842,836	18.32
19	Smarty Jones	2001	Elusive Quality	586	\$986,618	18.31
20	Unusual Heat	1990	Nureyev	839	\$1,326,901	18.18
21	Vronsky	1999	Danzig	313	\$1,280,246	18.13
22	Songandaprayer	1998	Unbridled's Song	1075	\$996,010	18.12
23	Court Vision	2005	Gulch	276	\$2,095,639	18.10
24	Too Much Bling	2003	Rubiano	322	\$1,449,077	18.08
25	Broken Vow	1997	Unbridled	1308	\$2,737,261	18.06
26	Flatter	1999	A.P. Indy	1028	\$3,356,084	17.90
27	Old Forester	2001	Forestry	498	\$2,027,661	17.78
28	Charitable Man	2006	Lemon Drop Kid	191	\$1,105,558	17.71
29	Mizzen Mast	1998	Cozzene	1090	\$2,629,663	17.38
30	Stroll	2000	Pulpit	347	\$1,504,698	17.31
31	Wilburn	2008	Bernardini	360	\$1,057,594	17.28
32	Freud	1998	Storm Cat	919	\$2,080,790	17.24
33	Street Magician	2004	Street Cry (IRE)	147	\$1,011,377	17.03
34	Friesan Fire	2006	A.P. Indy	239	\$1,460,803	16.86
35	Awesome Again	1994	Deputy Minister	1322	\$2,183,186	16.62
36	English Channel	2002	Smart Strike	766	\$6,115,015	16.61
37	Birdstone	2001	Grindstone	647	\$1,171,933	16.48
38	Exchange Rate	1997	Danzig	987	\$1,794,315	16.43
39	Stormy Atlantic	1994	Storm Cat	1575	\$1,744,794	16.16
40	Malibu Moon	1997	A.P. Indy	1883	\$6,035,230	16.16
41	Adios Charlie	2008	Indian Charlie	242	\$1,847,153	16.14
42	Kitten's Joy	2001	El Prado (IRE)	1621	\$6,373,833	16.13
43	Stay Thirsty	2008	Bernardini	357	\$3,762,330	15.94
44	Tale of the Cat	1994	Storm Cat	1839	\$1,878,392	15.90
45	Smart Strike	1992	Mr. Prospector	1570	\$1,188,030	15.86

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 2020 progeny earnings alone, other statistics given here are lifetime through Dec. 31, 2020. (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 17.1 starts per starter. Thus, we see that only a third of the top 200 stallions in earnings reach this average. The average of the breed insofar as percentage of horses that reach the races is around 73.21 percent, so that the leaders in that category are seen to be well above average.

2020 Sires by Lifetime Starts per Starter

Rank	Stallion	YOB	Sire	Foals of RA	2020 Earnings	Starts/ Starter
46	More Than Ready	1997	Southern Halo	1664	\$7,532,399	15.78
47	Silent Name (JPN)	2002	Sunday Silence	410	\$2,553,439	15.69
48	Speightstown	1998	Gone West	1177	\$8,817,176	15.65
49	Awesome of Course	2000	Awesome Again	277	\$1,175,156	15.64
50	Arch	1995	Kris S.	1119	\$2,739,791	15.63
51	Lucky Pulpit	2001	Pulpit	490	\$1,550,578	15.61
52	Tale of Ekati	2005	Tale of the Cat	377	\$1,276,853	15.58
53	Distorted Humor	1993	Forty Niner	1636	\$4,235,308	15.52
54	Bellamy Road	2002	Concerto	738	\$1,539,129	15.50
55	Warrior's Reward	2006	Medaglia d'Oro	583	\$2,978,852	15.36
56	Lemon Drop Kid	1996	Kingmambo	1515	\$4,242,038	15.35
57	First Samurai	2003	Giant's Causeway	712	\$3,981,270	15.34
58	First Defence	2004	Unbridled's Song	388	\$1,202,021	15.31
59	Caleb's Posse	2008	Posse	122	\$1,071,253	15.29
60	Elusive Quality	1993	Gone West	1563	\$2,143,388	15.27
61	Great Notion	2000	Elusive Quality	408	\$2,389,019	15.27
62	Big Brown	2005	Boundary	582	\$2,768,307	15.25
63	Street Cry (IRE)	1998	Machiavellian	1206	\$2,875,871	15.17
64	Despite the Odds	2006	Speightstown	82	\$1,114,144	15.07
65	Afleet Alex	2002	Northern Afleet	971	\$2,779,261	15.03
66	Hard Spun	2004	Danzig	1021	\$7,147,796	15.01
67	Attila's Storm	2002	Forest Wildcat	323	\$1,448,168	15.00
68	Giant's Causeway	1997	Storm Cat	2021	\$4,010,958	14.97
69	Fiber Sonde	2005	Unbridled's Song	278	\$2,457,512	14.88
70	Kantharos	2008	Lion Heart	476	\$4,649,699	14.84
71	Ghostzapper	2000	Awesome Again	1016	\$5,702,311	14.83
72	Daaher	2004	Awesome Again	178	\$1,390,279	14.81
73	Sky Mesa	2000	Pulpit	1131	\$3,018,761	14.78
74	Mineshaft	1999	A.P. Indy	1071	\$3,995,150	14.76
75	Square Eddie	2006	Smart Strike	272	\$2,664,363	14.66
76	Courageous Cat	2006	Storm Cat	228	\$973,603	14.61
77	First Dude	2007	Stephen Got Even	412	\$2,170,123	14.61
78	Candy Ride (ARG)	1999	Ride the Rails	1477	\$7,102,102	14.46
79	Street Sense	2004	Street Cry (IRE)	862	\$6,150,709	14.42
80	Sir Prancealot (IRE)	2010	=Tamayuz (GB)	328	\$2,618,105	14.30
81	Midnight Lute	2003	Real Quiet	730	\$7,670,988	14.26
82	Gone Astray	2006	Dixie Union	304	\$1,809,034	14.24
83	Overdriven	2009	Tale of the Cat	171	\$950,233	14.22
84	Tapit	2001	Pulpit	1411	\$11,189,541	14.11
85	Lookin At Lucky	2007	Smart Strike	547	\$5,608,177	14.11
86	Soldat	2008	War Front	229	\$1,406,469	14.01
87	Scat Daddy	2004	Johannesburg	945	\$4,470,539	14.00
88	Curlin	2004	Smart Strike	915	\$10,604,844	13.95
89	Freedom Child	2010	Malibu Moon	74	\$1,036,962	13.89
90	Algorithms	2009	Bernardini	304	\$2,492,814	13.67
91	Country Day	2006	Speightstown	125	\$1,253,149	13.66
92	Gio Ponti	2005	Tale of the Cat	463	\$2,091,408	13.64
93	Poseidon's Warrior	2008	Speightstown	159	\$1,969,913	13.55
94	Astrology	2008	A.P. Indy	311	\$1,329,228	13.54
95	The Factor	2008	War Front	509	\$7,368,330	13.53
96	Field Commission	2005	Service Stripe	178	\$1,142,668	13.47
97	Big Drama	2006	Montbrook	271	\$1,518,202	13.46
98	Midshipman	2006	Unbridled's Song	530	\$4,191,378	13.44
99	Star Guitar	2005	Quiet American	173	\$1,670,285	13.33
100	Alternation	2008	Distorted Humor	202	\$2,761,254	13.27

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 salvage value of highly fashionably bred runners as breeding animals often discourages continuing to race a young horse once any problem develops.

2020 Sires by Lifetime % of Foals of Racing Age Started

Rank	Stallion	YOB	Sire	Foals of RA	2020 Earnings	Starters/ Foals of RA
1	More Than Ready	1997	Southern Halo	1664	\$7,532,399	87.38%
2	Langfuhr	1992	Danzig	1423	\$1,082,030	85.45%
3	Charitable Man	2006	Lemon Drop Kid	191	\$1,105,558	85.34%
4	Wildcat Heir	2000	Forest Wildcat	715	\$1,347,822	84.62%
5	Exchange Rate	1997	Danzig	987	\$1,794,315	84.60%
6	Yes It's True	1996	Is It True	1188	\$2,035,270	84.43%
7	City Zip	1998	Carson City	1302	\$7,842,836	84.10%
8	Treasure Beach (GB)	2008	\$Galileo (IRE)	222	\$1,578,765	83.33%
9	Congrats	2000	A.P. Indy	1042	\$5,181,151	83.21%
10	Awesome of Course	2000	Awesome Again	277	\$1,175,156	83.03%
11	Songandaprayer	1998	Unbridled's Song	1075	\$996,010	82.98%
12	Poseidon's Warrior	2008	Speightstown	159	\$1,969,913	82.39%
13	Elusive Quality	1993	Gone West	1563	\$2,143,388	82.21%
14	Northern Afleet	1993	Afleet	1205	\$1,899,934	82.07%
15	Proud Citizen	1999	Gone West	826	\$1,012,316	81.96%
16	Include	1997	Broad Brush	814	\$2,365,315	81.94%
17	Mobil	2000	Langfuhr	217	\$1,039,168	81.57%
18	Stroll	2000	Pulpit	347	\$1,504,698	81.56%
19	Scat Daddy	2004	Johannesburg	945	\$4,470,539	81.48%
20	The Factor	2008	War Front	509	\$7,368,330	81.34%
21	Lucky Pulpit	2001	Pulpit	490	\$1,550,578	80.82%
22	Tale of the Cat	1994	Storm Cat	1839	\$1,878,392	80.48%
23	Court Vision	2005	Gulch	276	\$2,095,639	80.43%
24	Big Brown	2005	Boundary	582	\$2,768,307	80.07%
25	Stormy Atlantic	1994	Storm Cat	1575	\$1,744,794	80.00%
26	Broken Vow	1997	Unbridled	1308	\$2,737,261	79.82%
27	Tapit	2001	Pulpit	1411	\$11,189,541	79.66%
28	Bernardini	2003	A.P. Indy	1125	\$5,758,433	79.64%
29	Too Much Bling	2003	Rubiano	322	\$1,449,077	79.50%
30	Speightstown	1998	Gone West	1177	\$8,817,176	79.44%
31	Arch	1995	Kris S.	1119	\$2,739,791	79.18%
32	Lemon Drop Kid	1996	Kingmambo	1515	\$4,242,038	79.14%
33	Hard Spun	2004	Danzig	1021	\$7,147,796	79.14%
34	Distorted Humor	1993	Forty Niner	1636	\$4,235,308	79.10%
35	Flatter	1999	A.P. Indy	1028	\$3,356,084	78.99%
36	Smart Strike	1992	Mr. Prospector	1570	\$1,188,030	78.98%
37	Gone Astray	2006	Dixie Union	304	\$1,809,034	78.95%
38	Daaher	2004	Awesome Again	178	\$1,390,279	78.65%
39	Freud	1998	Storm Cat	919	\$2,080,790	78.56%
40	Street Boss	2004	Street Cry (IRE)	743	\$3,590,891	78.47%
41	Bellamy Road	2002	Concerto	738	\$1,539,129	78.46%
42	Macho Uno	1998	Holy Bull	858	\$1,720,253	78.32%
43	Sky Mesa	2000	Pulpit	1131	\$3,018,761	78.25%
44	Friesan Fire	2006	A.P. Indy	239	\$1,460,803	78.24%
45	Street Magician	2004	Street Cry (IRE)	147	\$1,011,377	78.23%
46	Malibu Moon	1997	A.P. Indy	1883	\$6,035,230	78.23%
47	Blame	2006	Arch	501	\$4,951,465	78.04%
48	Stay Thirsty	2008	Bernardini	357	\$3,762,330	77.87%
49	Windsor Castle	1998	Lord Carson	393	\$1,418,929	77.86%
50	Get Stormy	2006	Stormy Atlantic	251	\$1,852,396	77.69%

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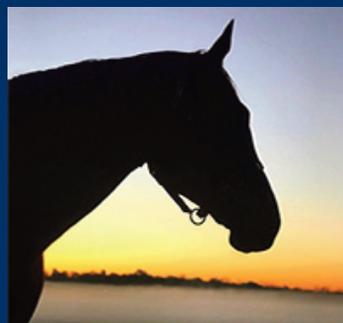
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We also understand that no statistical presentation can serve as a single indicator of success. The trade media for years have published sire statistics based on earnings, but also have provided a plethora of other measures, indices, percentages of 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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2020 Sires by Lifetime % of Foals of Racing Age Started

Rank	Stallion	YOB	Sire	Foals of RA	2020 Earnings	Starters/ Foals of RA
51	Brethren	2008	Distorted Humor	183	\$2,250,607	77.60%
52	Giant's Causeway	1997	Storm Cat	2021	\$4,010,958	77.59%
53	Successful Appeal	1996	Valid Appeal	845	\$1,938,786	77.51%
54	English Channel	2002	Smart Strike	766	\$6,115,015	77.42%
55	Street Sense	2004	Street Cry (IRE)	862	\$6,150,709	77.38%
56	Jump Start	1999	A.P. Indy	962	\$3,307,304	77.34%
57	War Front	2002	Danzig	825	\$5,779,535	77.33%
58	Unbridled Express	2004	Unbridled's Song	75	\$1,268,079	77.33%
59	Alternation	2008	Distorted Humor	202	\$2,761,254	77.23%
60	Mr Speaker	2011	Pulpit	79	\$1,525,207	77.22%
61	Old Forester	2001	Forestry	498	\$2,027,661	77.11%
62	Warrior's Reward	2006	Medaglia d'Oro	583	\$2,978,852	77.02%
63	Munnings	2006	Speightstown	666	\$9,395,782	76.88%
64	Street Cry (IRE)	1998	Machiavellian	1206	\$2,875,871	76.87%
65	Bustin Stones	2004	City Zip	245	\$1,493,324	76.73%
66	Oriente	1998	Mt. Livermore	833	\$985,029	76.71%
67	Unusual Heat	1990	Nureyev	839	\$1,326,901	76.64%
68	Adios Charlie	2008	Indian Charlie	242	\$1,847,153	76.45%
69	Algorithms	2009	Bernardini	304	\$2,492,814	76.32%
70	Ministers Wild Cat	2000	Deputy Minister	532	\$1,269,062	76.32%
71	Star Guitar	2005	Quiet American	173	\$1,670,285	76.30%
72	Caleb's Posse	2008	Posse	122	\$1,071,253	76.23%
73	Into Mischief	2005	Harlan's Holiday	995	\$21,825,509	76.18%
74	Square Eddie	2006	Smart Strike	272	\$2,664,363	76.10%
75	Mizzen Mast	1998	Cozzene	1090	\$2,629,663	75.78%
76	Mineshaft	1999	A.P. Indy	1071	\$3,995,150	75.72%
77	Afleet Alex	2002	Northern Afleet	971	\$2,779,261	75.70%
78	Silent Name (JPN)	2002	Sunday Silence	410	\$2,553,439	75.61%
79	Lookin At Lucky	2007	Smart Strike	547	\$5,608,177	75.50%
80	Half Ours	2003	Unbridled's Song	537	\$1,532,788	75.42%
81	Cowtown Cat	2004	Distorted Humor	244	\$1,213,989	75.41%
82	First Dude	2007	Stephen Got Even	412	\$2,170,123	75.24%
83	Tapizar	2008	Tapit	442	\$5,755,533	74.89%
84	First Samurai	2003	Giant's Causeway	712	\$3,981,270	74.86%
85	Creative Cause	2009	Giant's Causeway	401	\$3,363,260	74.81%
86	Gio Ponti	2005	Tale of the Cat	463	\$2,091,408	74.73%
87	Courageous Cat	2006	Storm Cat	228	\$973,603	74.56%
88	Cajun Breeze	2008	Congrats	39	\$949,785	74.36%
89	Point of Entry	2008	Dynaformer	264	\$2,899,518	74.24%
90	Wilburn	2008	Bernardini	360	\$1,057,594	74.17%
91	Midshipman	2006	Unbridled's Song	530	\$4,191,378	74.15%
92	Handsome Mike	2009	Scat Daddy	116	\$1,330,890	74.14%
93	Ghostzapper	2000	Awesome Again	1016	\$5,702,311	73.92%
94	Midnight Lute	2003	Real Quiet	730	\$7,670,988	73.70%
95	Sir Prancealot (IRE)	2010	=Tamayuz (GB)	328	\$2,618,105	73.48%
96	Jimmy Creed	2009	Distorted Humor	259	\$2,335,302	73.36%
97	Curlin	2004	Smart Strike	915	\$10,604,844	73.33%
98	Paynter	2009	Awesome Again	397	\$6,265,924	73.30%
99	Custom for Carlos	2006	More Than Ready	284	\$1,401,430	73.24%
100	Tiznow	1997	Cee's Tizzy	1575	\$3,662,278	73.14%

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Top 2020 Sires of Stakes Winners 4 Years Old & Up

OLDER STAKES WINNERS

Following is a simple ranking of sires of 2020 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.

Previously published Durability Stats can be accessed below:

- Durability Stats, 2020
- Durability Stats, 2019
- Durability Stats, 2018
- Durability Stats, 2017
- Durability Stats, 2016
- Durability Stats, 2015
- Durability Stats, 2014
- Durability Stats, 2013
- Durability Stats, 2012
- Durability Stats, 2011

Rank	Sire	Stakes Winners 4 & Up	Graded Stakes Winners 4 & Up
1	Into Mischief	12	6
2	Scat Daddy	11	5
3	Tapit	8	7
4	English Channel	7	5
	Curlin	7	4
	War Front	7	4
	Candy Ride (ARG)	7	5
8	Quality Road	6	3
	Uncle Mo	6	2
10	Stay Thirsty	5	1
24	Awesome Again	4	1
	City Zip	4	3
	Great Notion	4	
	Arch	4	4
	Malibu Moon	4	2
	Stormy Atlantic	4	2
	Central Banker	4	
	Hard Spun	4	2
	Speightstown	4	2
	Shackleford	4	
	Munnings	4	2
	Midshipman	4	
	Midnight Lute	4	3
	More Than Ready	4	3
25	Point of Entry	3	2
	Artie Schiller	3	
	Giant's Causeway	3	3
	Smiling Tiger	3	
	Warrior's Reward	3	1
	Twirling Candy	3	1
	Fiber Sonde	3	
	Goldencents	3	3
	Elusive Quality	3	2
	The Factor	3	2
	Maclean's Music	3	1
	Street Sense	3	1
	Freud	3	1
	Siyouni (FR)	3	1
	Shanghai Bobby	3	2
	Wildcat Heir	3	
	Lucky Pulpit	3	1
	Get Stormy	3	2
	Pioneerof the Nile	3	
	Colonel John	3	1
	Paynter	3	3
	To Honor and Serve	3	2
	Majestic Warrior	3	2
	Kantharos	3	2
	Medaglia d'Oro	3	2
	Silent Name (JPN)	3	1
	Distorted Humor	3	1



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Breed Averages

Average Type	All Foals	Top Sires
2007-2016	All foals	Foals by top 1% of sires
Starters / foals %	73.21	81.98
Winners / foals (starters) %	49.80 (68.02)	60.28 (73.53)
Repeat winners / foals (starters) %	36.63 (50.03)	46.28 (56.45)
Stakes placed / foals (starters) %	6.25 (8.53)	9.98 (12.18)
Stakes winners / foals (starters) %	2.91 (3.98)	6.05 (7.38)
Graded SW / foals (starters) %	0.88 (1.20)	2.69 (3.29)
Grade 1 SW / foals (starters) %	0.22 (0.31)	0.75 (0.91)
Two-year-old starters / foals %	36.45	43.97
Two-year-old winners / foals (2yo starters) %	11.38 (31.22)	14.62 (33.25)
Two-year-old SW / foals (2yo starters) %	0.92 (2.52)	1.54 (3.50)
Three-year-old starters / foals %	61.97	71.32
Four-year-old starters / foals %	48.60	54.77
Five-year-old and up starters / foals %	29.90	33.33
Average career starts / foals	12.5	13.9
Average career starts / starter	17.1	16.9
Average winning distance in furlongs	6.74	7.12
Average winning turf distance in furlongs	7.53	7.74
Average earnings / starter	\$56438	\$93257
Average earnings / starter male (female)	\$63714 (\$49041)	\$110836 (\$75682)
Average earnings / start	\$3300	\$5511
Average earnings / start male (female)	\$3350 (\$3236)	\$5437 (\$5622)
Average CPI	0.93	1.61



photo by Anne M. Eberhardt

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Offices: 821 Corporate Dr, Lexington, KY 40503
859-224-2850 • Fax: 859-224-2853

40 East 52nd St, New York, NY 10022
212-371-5970 • Fax: 212-371-6123

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