

# FIGURE-BASED TRAINER PROFILES

OK, we are now publishing the new figure based trainer profiles, and have added a lot of new categories. A couple of others (seasonal categories) are coming soon, and more will be added as we go on, based in part on your input. This turned out to be pretty complicated stuff, and there will almost certainly be problems with it-- errors, or just ways that the studies can be improved to better reflect racetrack reality.

## This is how they work:

1-- The studies are based on the "effective top" of each horse at the time of the race being measured. Effective top is defined here as the horse's best figure from his last six starts, or last 12 months if he ran less than 6 times during that period. This means, for example, that when we look at an instance of a trainer running a horse second off a layoff, that effort is compared to his previous 6 runs at that time.

2-- The efforts being measured are broken out into 4 categories--

- a) "new top", defined as more than one point better than the previous "top",
- b) "pair", defined as one point better or worse inclusive than the previous top,
- c) "off race", defined as more than a point worse but less than 4 points worse than the previous top,
- d) "x", defined as 4 or more points worse than the previous top.

3-- For the categories measuring how a trainer's horses do following a top, a pair of tops etc., we only used horses that have run at least 6 times for the trainer.

4-- We did not use a sequence where there was a trainer change in the last 3 starts (except for the "trainer change" studies). We are going to take a look at this and decide whether that is the right way to go or not.

5-- The bold face and italics indicate significantly higher or lower than average, respectively, not better or worse. Meaning, a trainer with a bold face "x" group in a category is getting more BAD performances than most.

6-- We are comparing efforts to tops on the same surface only-- if a horse raced on dirt we compared his effort to his best dirt number within his last 6 starts on any surface.

This is groundbreaking stuff, so we have no idea what to expect, and await your comments.

Coming soon: expanded dam-side profiles, and studies on figure patterns independent of trainer-- 3 year olds off a pair of tops followed by an off race in July, etc.

Category	Top%	Pair%	Off%	X%
Overall	13.4	22.2	25.7	38.6
2yos	24.6	25.6	19.5	30.3
2nd time out 2yos	51.5	19.2	12.1	17.2
3rd time out 2yos	35.4	22.9	16.1	25.6
3yos	18.8	24.3	23.4	33.5
2nd time out 3yos	49.5	17.9	13.6	19.0
3rd time out 3yos	31.5	22.1	18.9	27.5
4yos	13.1	23.0	25.9	37.9
5yos	8.9	19.9	27.7	43.5
Turf	17.7	29.8	30.0	22.5
Dirt to Turf	25.0	23.4	24.1	27.6
First Turf	17.5	19.1	23.5	39.8
Dirt	12.9	21.5	25.5	40.1
Turf to Dirt	23.4	20.7	22.1	33.8
Off-tracks	13.0	20.6	23.9	42.5
MSW	23.5	24.6	21.2	30.7
MCL	20.7	22.8	21.3	35.2
CLM	10.6	20.4	26.2	42.8
ALW	13.7	24.5	27.3	34.5
STK	12.9	27.1	28.8	31.2
Routes	13.7	23.6	26.3	36.3
Sprint to Route	13.8	19.9	23.2	43.2
First Route	17.4	20.0	20.2	42.4
Sprints	13.3	21.3	25.3	40.1
Route to Sprint	14.3	21.0	25.4	39.3
Last start under 11 days	13.5	22.3	25.9	38.3
Last start 11-29 days	13.2	22.8	26.2	37.8
Last start 30-89 days	14.2	21.9	25.0	38.9
Last run over 89 days	13.2	17.0	22.3	47.4
2nd race off lay-off	14.0	19.9	24.1	41.9
3rd race off lay-off	15.2	22.0	24.6	38.1
Colts and Geldings	13.1	22.4	26.3	38.3
Fillies and Mares	14.0	22.1	24.8	39.1
First Lasix	25.4	23.3	20.6	30.7
Second Lasix	26.6	22.8	20.5	30.0
First Blinkers	19.2	22.2	21.0	37.6
First race after trainer change	13.6	18.0	22.6	45.8
Second race after trainer change	13.3	19.5	23.5	43.7
Claimers, down in class	13.9	21.0	24.5	40.7
Claimers, up in class	13.1	20.9	25.3	40.7
Blinkers on	16.4	21.3	22.5	39.9
Blinkers off	17.9	22.4	23.8	35.9
Adding bandages	12.4	19.3	24.4	43.9
Removing bandages	13.2	20.0	24.6	42.1
4-1 or less	13.3	27.9	27.4	31.5
Over 4-1 to 10-1	13.2	22.9	26.4	37.5
Over 10-1	13.8	17.9	24.0	44.4
After a top (by at least 1pt)	15.3	24.6	26.5	33.6
After race within point of top	18.7	30.5	25.3	25.4
After race 1-4pts worse than top	11.9	23.3	29.9	34.8
After race 4pts or more worse than top	7.1	14.9	23.2	54.8

(Statistics are based on TG figures from 1/1/99 through 2/31/04)