



HORSERACING
INTEGRITY
AND SAFETY
AUTHORITY

2025 ANNUAL METRICS REPORT

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MESSAGE FROM THE CEO

On behalf of the Horseracing Integrity and Safety Authority (HISA), I am pleased to present our third annual metrics report. This report sets forth key data collected in 2025 as part of HISA's Racetrack Safety Program.

Our mission is clear: to enhance the safety and well-being of both Thoroughbred horses and their riders while ensuring the integrity of the sport for the benefit of the industry, fans and bettors. Of paramount importance to achieving this goal is reducing racing- and training-related equine fatality rates to their lowest possible levels, so that racing may continue to thrive against a safer background.

Racetracks operating under HISA rules continue to report roughly 1.00 racing-related equine fatalities per 1,000 starts across all benchmarks—marking a significant achievement in equine safety. Across the past 24 months, more than 99.90% of starts were completed without a fatality, resulting in a rate of 0.97 fatalities per 1,000 starts over that period—well below pre-HISA levels. In 2024, the racing-related fatality rate (0.90) fell below 1.00 per 1,000 starts for the first full calendar year on record. In 2025, the rate rose modestly to 1.04 per 1,000 starts across HISA's racetracks. Training-related fatalities showed a similar pattern, increasing slightly to 0.55 per 1,000 starts in 2025 compared to 0.50 in 2024.

We addressed several issues at the racetrack level throughout the year, as detailed in our [second](#) and [third quarter](#) metrics reports. Additionally, our team issued two Equine Health Advisories concerning [proximal forelimb fractures](#) and [exercise-associated sudden death](#). We also continue to invest in machine learning tools, using our vast data archive to help Regulatory Veterinarians at all HISA racetracks proactively address horses at risk. Our accreditation team has visited all racetracks operating under HISA rules, and meaningful collaboration with track management is leading to major improvements in racing's infrastructure—from improved analysis of track surfaces to enhanced medical support for jockeys. Information on moisture content, cushion depth, penetration, surface temperature, maintenance routines and weather data are uploaded daily to the "Maintenance Quality System" database managed by HISA's partner, Racing Surfaces Testing Laboratory.

To underscore the strides that HISA has made, consider the racing-related fatality rate of 1.21 per 1,000 starts for tracks like Louisiana, Texas and West Virginia that are not subject to HISA rules, as reported by The Jockey Club's Equine Injury Database (EID) for 2025. This continued gap underscores what we have long believed: strong, consistent national standards make racing safer.

At the same time, it is encouraging to see the fatality rate at non-HISA tracks decrease from 2024. We hope that the implementation of HISA rules, the industry-wide focus on safety they have helped catalyze and the movement of people and horses between tracks that are and are not under the HISA umbrella have contributed to a broader cultural shift.

For U.S. Thoroughbred racing to thrive, we welcome all Thoroughbred racetracks and their training facilities to enter the HISA fold and help preserve horse racing for generations to come. Divided, we risk losing the sport. United, we can position ourselves to ensure that horse racing has a bright future.

Sincerely,



Lisa Lazarus
HISA CEO

HISTORY AND MISSION

In 2020, following a series of high-profile equine fatalities and doping scandals, Congress signed the bipartisan Horseracing Integrity and Safety Act (the “Act”) into federal law. The Act charged HISA with proposing and enforcing uniform safety and integrity rules in Thoroughbred racing in the United States. Overseen by the Federal Trade Commission, HISA implemented, for the first time, a uniform national set of rules applicable to every Thoroughbred racing participant and racetrack facility. HISA has two programs: the Racetrack Safety Program, which went into effect on July 1, 2022, and the Anti-Doping and Medication Control (ADMC) Program, which went into effect on May 22, 2023.



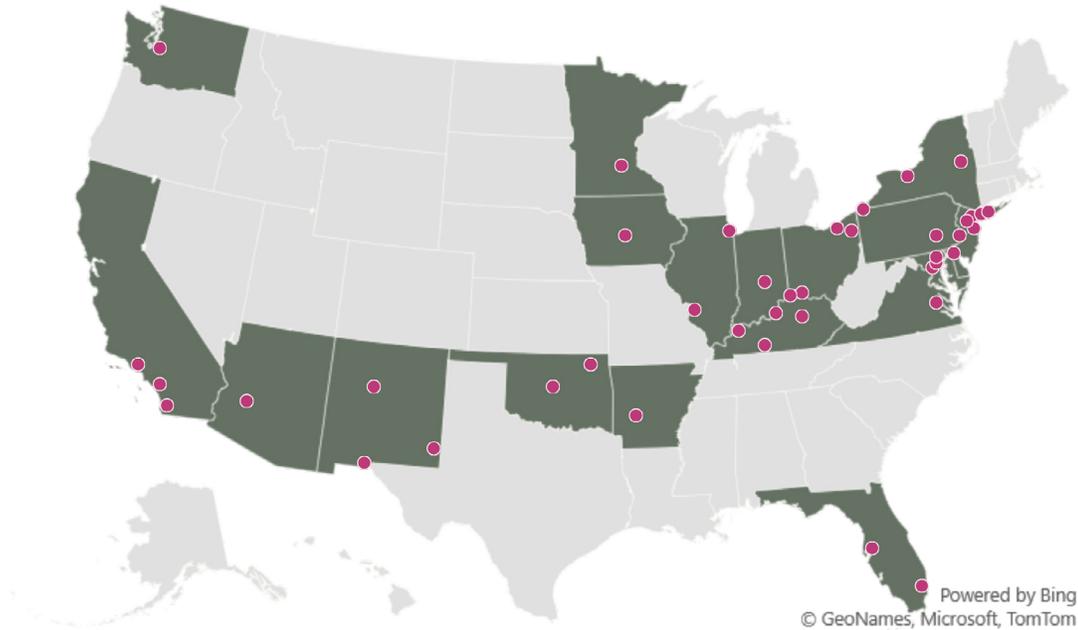
The **Racetrack Safety Program** includes operational safety rules and national racetrack accreditation standards that seek to enhance equine welfare and minimize equine and jockey injury. The Racetrack Safety Program expands veterinary oversight, imposes surface maintenance and testing requirements, enhances jockey safety, regulates riding crop use and implements voided claim rules, among other important measures.



The **ADMC Program** establishes a centralized testing and results management process that applies uniform penalties for violations efficiently and consistently across all American Thoroughbred racetracks that HISA governs. The ADMC Program is enforced by the Horseracing Integrity & Welfare Unit (HIWU). HIWU oversees all testing processes, including the selection of horses to be tested, training of sample collection personnel and chain-of-custody procedures. Additionally, HIWU is charged with industry/stakeholder education, laboratory accreditation, results management and adjudication and investigations.

RACETRACKS & ACCREDITATION

As of the end of 2025, HISA rules applied to Thoroughbred racing at 41 racetracks¹ in 19 states.



Track
Arizona
Turf Paradise
Arkansas
Oaklawn Racing Casino Resort
California
Del Mar
Los Alamitos Race Course
Santa Anita
Delaware
Delaware Park
Florida
Gulfstream Park
Tampa Bay Downs
Illinois
Fairmount Park
Hawthorne
Indiana
Horseshoe Indianapolis
Iowa
Prairie Meadows

Track
Kentucky
Churchill Downs
Ellis Park
Keeneland
Kentucky Downs
Turfway Park
Maryland
Laurel Park
Pimlico
Timonium
Minnesota
Canterbury Park
New Jersey
Far Hills
Monmouth at Meadowlands
Monmouth Park
New Mexico
Downs at Albuquerque
Sunland Park
Zia Park

Track
New York
Aqueduct
Belmont Park
Finger Lakes
Saratoga Race Course
Ohio
Belterra Park
Mahoning Valley Race Course
Thistledown
Oklahoma
Remington Park
Will Rogers Downs
Pennsylvania
Parx Racing
Penn National
Presque Isle Downs
Virginia
Colonial Downs
Washington
Emerald Downs

¹ The California Authority of Racing Fairs (CARF) announced in January 2025 that it would not hold race meets that year; however, Pleasanton CARF conducted workouts in the first quarter of 2025 that were covered by HISA and included in its quarterly report for that period.

RACETRACKS & ACCREDITATION

ABOUT ACCREDITATION

Prior to the accreditation team arriving on-site, the track completes a detailed self-assessment regarding its operations, which the accreditation team reviews, along with accompanying documents, human and equine injury data and other pertinent information. Ideally, the Racing Surfaces Testing Laboratory (RSTL) will have conducted an inspection of the racing surface(s) just prior to the accreditation team's arrival. RSTL's inspection typically occurs over a one-to-three-day period and includes equipment inspections, evaluation of all track surfaces (e.g., biomechanical surface testing, inspection of the base using ground penetrating radar or by removal of cushion), distance checks between poles and evaluation of rail height and grades. Additional material testing is performed for turf and synthetic surfaces.

Accreditation visits occur over the course of two to three days and afford HISA staff the ability to conduct an in-depth and in-person review of a racetrack's operations to determine its level of compliance with HISA's Racetrack Safety Program and to provide training on how best to meet ongoing reporting requirements. The accreditation team consists of four to five subject matter experts in areas ranging from racetrack administration, security, equine and human safety and track surfaces. In addition to meeting with track managers in group and individual settings and touring the areas of the track that fall under their expertise, the team observes training and racing. The team discusses with the track its plans to remedy deficiencies both during the accreditation visit and in writing as part of a detailed accreditation report.

HISA accredits tracks for different term lengths based on their level of compliance with HISA rules and operational readiness. Tracks with strong, consistent safety practices may be accredited for longer periods, while those who are addressing identified gaps or generally strengthening their programs may be accredited for shorter periods to allow for closer follow-up by HISA. This approach is designed to recognize tracks' current performance and ongoing commitment to meeting HISA's national safety standards.

RACETRACK SAFETY STANDING COMMITTEE

HISA's [Racetrack Safety Standing Committee](#), comprised of four independent members and three industry members selected to represent equine constituencies, reviews each accreditation report, provides recommendations regarding safety improvements to each track and ultimately makes a recommendation to the HISA Board of Directors as to whether to grant accreditation to the track and for how long. All accreditation decisions must be ultimately approved by the HISA Board of Directors.



**Racetracks
Operating Under
HISA Rules**

THE HISA PORTAL

HISA maintains a robust and comprehensive data archive, enabling Thoroughbred racing to continuously improve upon its goals for safety and fair competition. These records are stored in the HISA Portal, a proprietary platform where racing participants subject to HISA rules report a variety of information, including equine treatment and other health records.

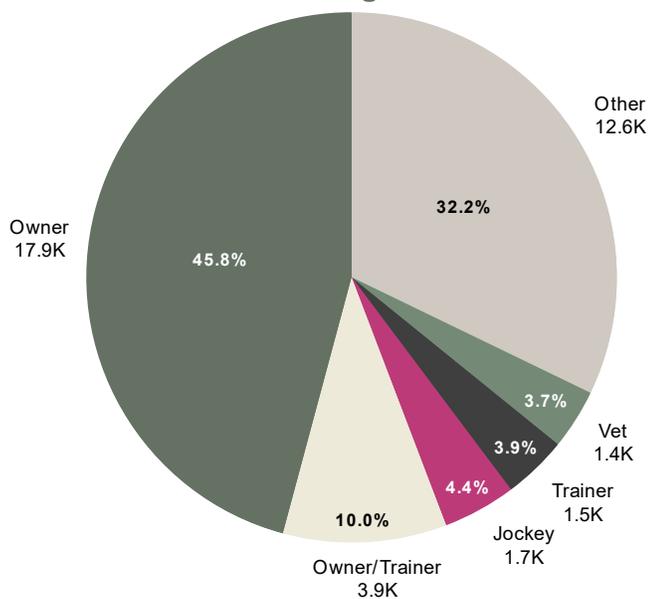
As of December 31, 2025, the HISA Portal has been integrated with nine leading software platforms used by horsemen, veterinarians and racetracks, with more coming soon. These integrations help racing participants comply with HISA rules, give them the option of continuing to use platforms with which they are familiar and simplify the recordkeeping process.

39,000 Covered Persons

94,000 Covered Horses

Approximate Registrations via the HISA Portal as of December 31, 2025

Covered Persons Registered with HISA



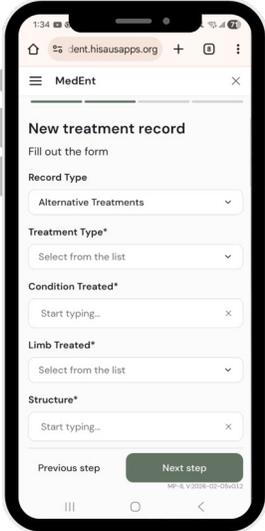
Effective January 19, 2026, it is a violation to enter a Covered Horse in a Covered Horserace prior to registering the Covered Horse. Registration for Covered Horses and Covered Persons can easily be completed by going to <https://portal.hisapps.org/horse-registration-v2> or by scanning the QR code.

HISA rules require Covered Persons to register “Covered Horses” for which they are responsible. The Act states that a horse becomes a Covered Horse on the date of the horse’s first timed and reported workout at a racetrack participating in Covered Horseraces or at a Training Facility.

Responsible Persons (typically the Trainer) are required to provide HISA with health and treatment records, exercise and rest periods, racing information and other data for horses in their care.

THE HISA PORTAL

VETERINARY TREATMENT RECORDS



HISA requires Attending Veterinarians to submit records to the HISA Portal within 24 hours of the veterinarian treating or examining a Covered Horse.

HISA received an average of approximately 7,000 veterinary treatment records for each day in 2025 and, as of the end of 2025, approximately seven million veterinary treatment records had been uploaded to the HISA Portal since the inception of the Racetrack Safety Program.

TREATMENT RECORDS UPLOADS IN 2025

JAN	191,000	JUL	231,000
FEB	158,000	AUG	236,000
MAR	182,000	SEP	212,000
APR	196,000	OCT	209,000
MAY	208,000	NOV	179,000
JUN	217,000	DEC	172,000

TOTAL: 2.4 MILLION

Under HISA rules, horses' treatment records are available to Regulatory Veterinarians at any racetrack. Before the enactment of HISA's Racetrack Safety Program, information shared between tracks and states was limited to regulatory history (e.g., Veterinarians' List history, pre-race and other veterinary inspections). In addition, treatment histories are now available to new owners, trainers and veterinarians when a horse is transferred, sold or claimed. This information enables all parties to have a more complete picture of a horse's medical and regulatory history to promote continuity of care.

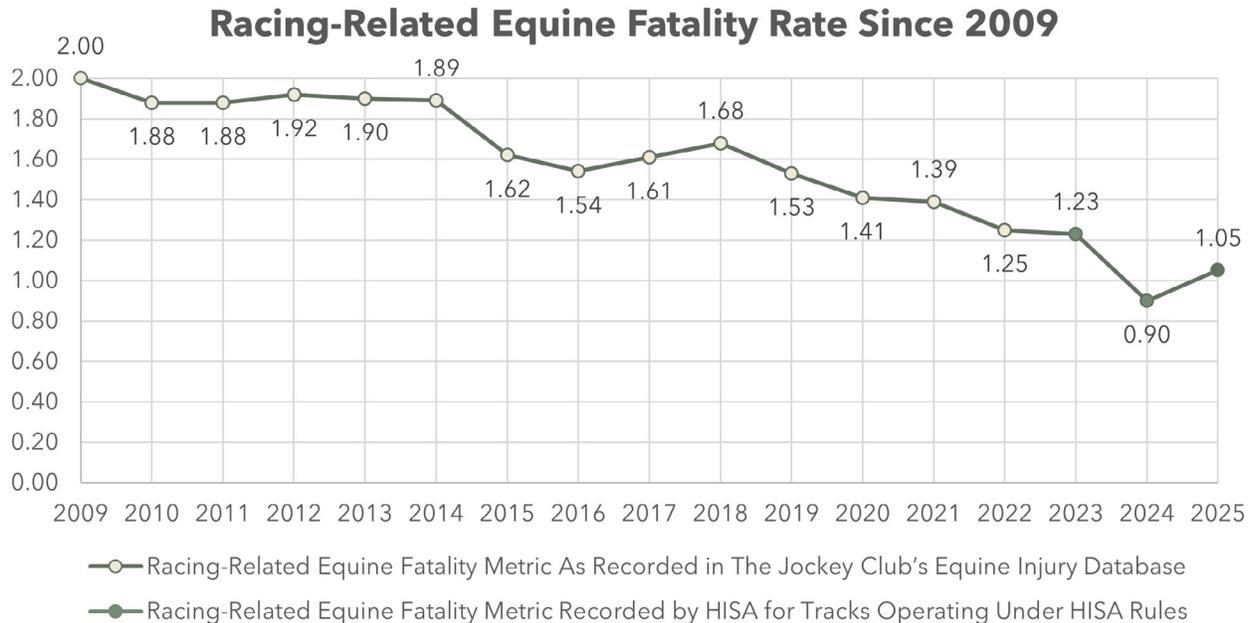
Using this robust dataset, HISA CHECK✓ analyzes the comprehensive treatment information available in the HISA Portal, along with historical performance data and other risk factors (e.g., the length of a horse's previous layoff (if any), term with current trainer, history on the Veterinarians' List), to assess whether horses are at increased risk for injury.

HISA CHECK✓



In 2025, HISA launched an updated version of HISA Horse In-Sight, which provides a holistic picture of horses' health and performance for their entire racing career. The new version is much more robust and comprehensive than the original and is among the tools that Regulatory Veterinarians use daily to assist with their evaluations of horses in training and entered to race.

RACING-RELATED EQUINE FATALITIES



Racetracks operating under HISA rules reported 1.04 racing-related equine fatalities per 1,000 starts in 2025. The rate has come down one-quarter from the rate of 1.39 reported by the EID in 2021—the last full year prior to the launch of HISA's Racetrack Safety Program—and nearly one-half from when the EID began reporting fatalities in 2009 at a rate of 2.00. Compared to 2024, when the fatality rate was 0.90 per 1,000 starts, the 2025 rate of 1.04 reflects a modest year-over-year increase, while remaining substantially lower than pre-HISA levels, and is consistent with expected year-to-year fluctuations.

HISA & THE EQUINE INJURY DATABASE

Like the EID, and the definition set forth in the International Federation of Horseracing Authorities' "Principles of Good Practice for Monitoring of Racing Injuries and Fatalities," HISA's racing-related equine fatalities metric captures horses that die or are euthanized within 72 hours of a race as a direct result of injuries sustained participating in a race. HISA's metric includes horses experiencing sudden death during a race or within 72 hours thereafter (provided no intervening medical cause).

HISA includes both non-starters and no-contest races in its total starts when reporting equine fatalities, whereas the EID excludes them. We do so to ensure that all furlongs run are captured in our health and safety metrics. The difference in total starts between the two methodologies is de minimis.

RACING-RELATED EQUINE FATALITIES

THE HISA STANDARD

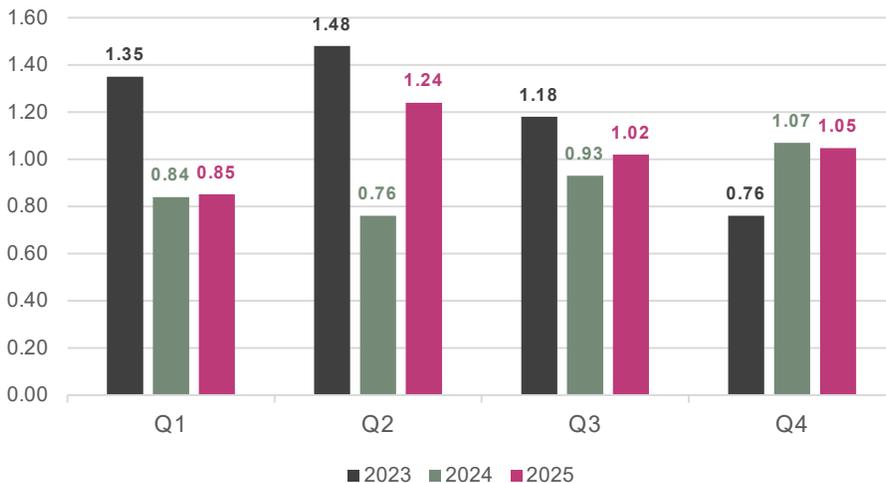


HISA's Racetrack Safety Program requires a "Safety Director" at each racetrack to report to HISA all equine fatalities within 24 hours. The Safety Director must confirm at the outset the classification of the death, among other details. HISA's veterinary team reviews the fatality reports on an ongoing basis and compares them against the necropsy reports that Regulatory Veterinarians separately are required to provide to HISA. At the end of each quarter, HISA provides a complete list of fatalities reported for that quarter to each Safety Director and requires the Safety Director to review and confirm that the data is accurate and complete.

HISA's Racetrack Safety Program and ADMC Program have significantly strengthened safety measures nationwide by implementing uniform rules that embody best-practice standards. Key requirements include expanded veterinary protocols, pre-race inspections, laboratory harmonization and uniform medication oversight.

The Racetrack Safety Program also ensures equine treatment records follow horses throughout their racing careers, makes horses' full medical and workout histories available to Regulatory Veterinarians around the country, ensures every racetrack is held to the same high standards for facility safety, requires racing surface conditions be monitored and reported to HISA regularly and requires claims be voided if a horse dies, is euthanized, is vanned off the track or is placed on the Veterinarians' List as unsound or as having experienced epistaxis.

Racing-Related Equine Fatality Rates by Quarter



2025 RACING-RELATED EQUINE FATALITY RATE BY MONTH

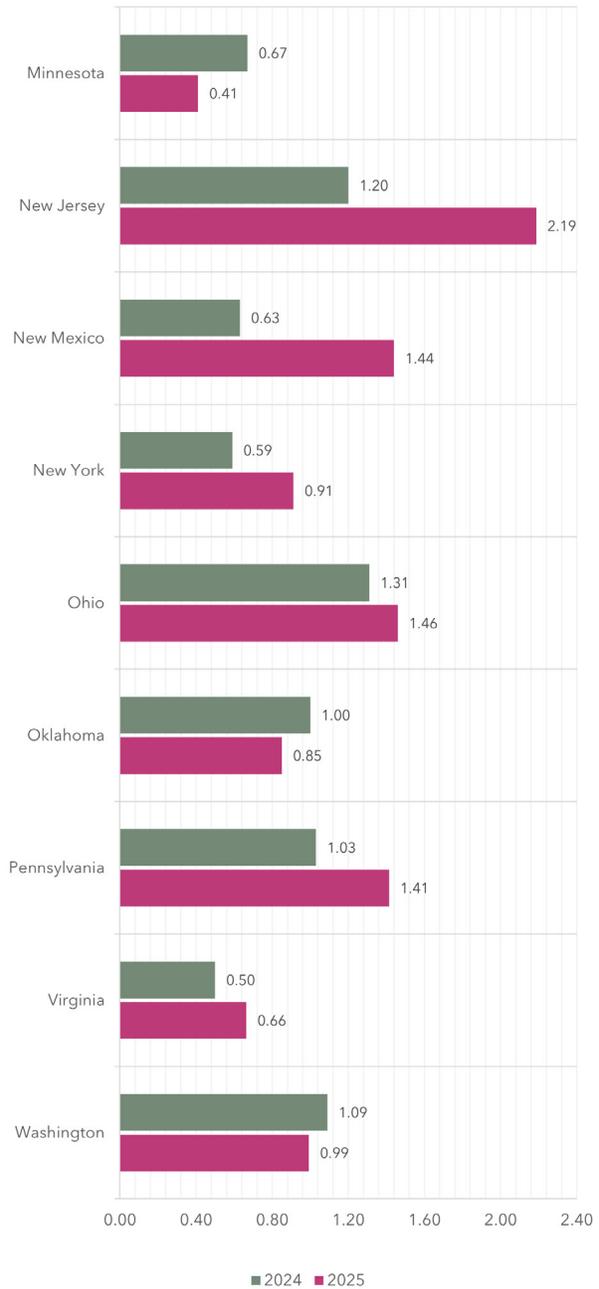
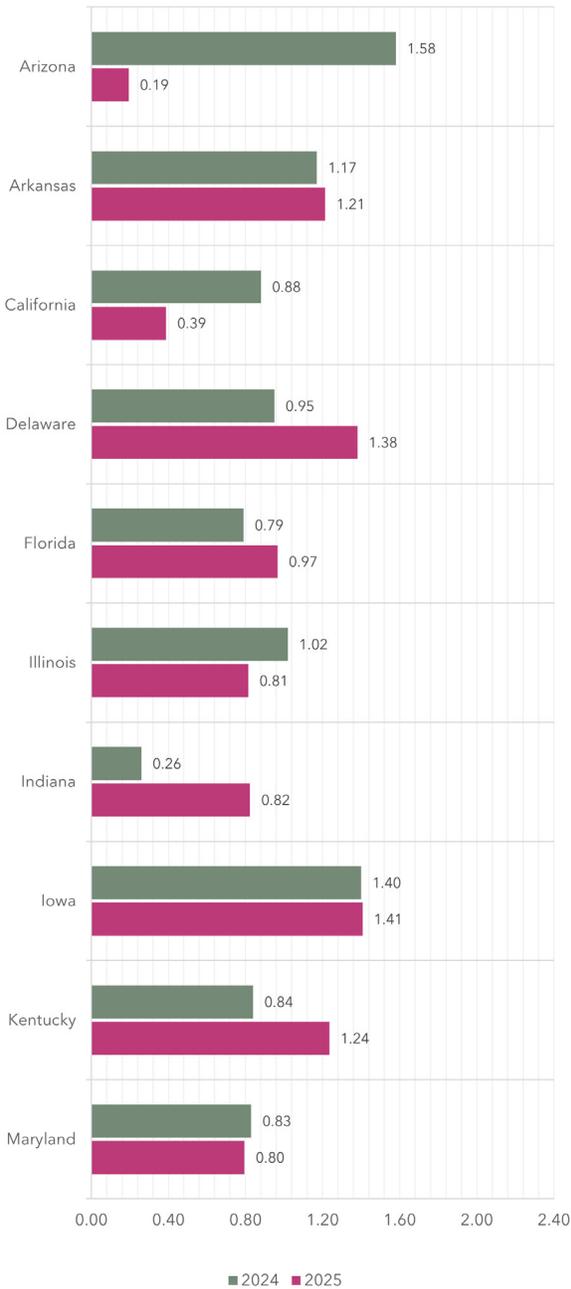
JAN 0.92	FEB 0.80	MAR 0.83
APR 1.63	MAY 0.94	JUN 1.23
JUL 1.14	AUG 0.97	SEP 0.96
OCT 0.91	NOV 1.19	DEC 1.08

HISA racetracks reported a racing-related fatality rate of 1.04 per 1,000 starts versus the North American rate of 1.07 per 1,000 starts reported in the EID for 2025 and the rate of 1.21 per 1,000 starts for Thoroughbred racetracks in the U.S. operating outside of HISA rules in 2025 (e.g., racetracks in Louisiana, Texas and West Virginia).



RACING-RELATED EQUINE FATALITIES

States' Racing-Related Equine Fatality Rates Over Time



RACING-RELATED EQUINE FATALITIES

By-state and by-racetrack data is set forth below for 2025 on a quarterly basis.²

Location	Q1 2025			Q2 2025			Q3 2025			Q4 2025		
	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts
TOTAL	31	36,415	0.85	53	42,651	1.24	51	50,208	1.02	41	39,149	1.05
Arizona	1	2,977	0.34	0	922	0.00	0	0	-	0	1,237	0.00
Turf Paradise	1	2,977	0.34	0	922	0.00	0	0	-	0	1,237	0.00
Arkansas	2	3,530	0.57	5	1,374	3.64	0	0	-	0	864	0.00
Oaklawn Park	2	3,530	0.57	5	1,374	3.64	0	0	-	0	864	0.00
California	1	3,237	0.31	0	3,061	0.00	2	3,669	0.55	2	2,907	0.69
Del Mar	0	0	-	0	0	-	2	2,533	0.79	2	1,147	1.74
Los Alamitos Race Course	0	220	0.00	0	682	0.00	0	916	0.00	0	601	0.00
Santa Anita Park	1	3,017	0.33	0	2,379	0.00	0	220	0.00	0	1,159	0.00
Delaware	0	0	-	2	1,174	1.70	3	2,518	1.19	1	653	1.53
Delaware Park	0	0	-	2	1,174	1.70	3	2,518	1.19	1	653	1.53
Florida	6	9,127	0.66	7	5,026	1.39	2	2,795	0.72	6	4,777	1.26
Gulfstream Park	4	5,001	0.80	3	3,655	0.82	2	2,795	0.72	5	3,320	1.51
Tampa Bay Downs	2	4,126	0.48	4	1,371	2.92	0	0	-	1	1,457	0.69
Illinois	0	91	0.00	1	2,278	0.44	3	2,608	1.15	1	1,162	0.86
Fairmount Park	0	0	-	0	1,035	0.00	2	1,261	1.59	0	451	0.00
Hawthorne	0	91	0.00	1	1,243	0.80	1	1,347	0.74	1	711	1.41
Indiana	0	0	-	3	2,432	1.23	1	3,066	0.33	2	1,785	1.12
Horseshoe Indianapolis	0	0	-	3	2,432	1.23	1	3,066	0.33	2	1,785	1.12
Iowa	0	0	-	0	1,249	0.00	5	2,302	2.17	0	0	-
Prairie Meadows	0	0	-	0	1,249	0.00	5	2,302	2.17	0	0	-
Kentucky	3	4,173	0.72	10	4,654	2.15	3	3,837	0.78	6	5,148	1.17
Churchill Downs	0	0	-	7	3,400	2.06	1	1,115	0.90	3	2,263	1.33
Ellis Park	0	0	-	0	0	-	1	1,867	0.54	0	0	-
Keeneland	0	0	-	3	1,254	2.39	0	0	-	2	1,483	1.35
Kentucky Downs	0	0	-	0	0	-	1	855	1.17	0	0	-
Turfway Park	3	4,173	0.72	0	0	-	0	0	-	1	1,402	0.71
Maryland	2	1,738	1.15	3	2,781	1.08	0	1,196	0.00	2	3,089	0.65
Laurel Park	2	1,738	1.15	3	2,295	1.31	0	850	0.00	2	3,089	0.65
Pimlico	0	0	-	0	486	0.00	0	0	-	0	0	-
Timonium	0	0	-	0	0	-	0	346	0.00	0	0	-
Minnesota	0	0	-	1	698	1.43	0	1,737	0.00	0	0	-
Canterbury Park	0	0	-	1	698	1.43	0	1,737	0.00	0	0	-
New Jersey	0	0	-	3	1,282	2.34	5	2,115	2.36	0	260	0.00
Far Hills	0	0	-	0	0	-	0	0	-	0	11	0.00
Monmouth at Meadowlands	0	0	-	0	0	-	1	196	5.10	0	249	0.00
Monmouth Park	0	0	-	3	1,282	2.34	4	1,919	2.08	0	0	-
New Mexico	0	1,711	0.00	1	194	5.15	1	615	1.63	4	1,646	2.43
Downs at Albuquerque	0	0	-	0	0	-	1	615	1.63	1	580	1.72
Sunland Park	0	1,711	0.00	1	194	5.15	0	0	-	0	0	-
Zia Park	0	0	-	0	0	-	0	0	-	3	1,066	2.81
New York	2	2,681	0.75	5	4,510	1.11	6	6,639	0.90	4	4,818	0.83
Aqueduct	2	2,681	0.75	2	2,779	0.72	0	869	0.00	4	3,212	1.25
Finger Lakes	0	0	-	2	1,261	1.59	1	2,279	0.44	0	1,606	0.00
Saratoga Race Course	0	0	-	1	470	2.13	5	3,491	1.43	0	0	-
Ohio	5	2,665	1.88	3	4,075	0.74	10	5,067	1.97	4	3,266	1.22
Belterra Park	0	0	-	0	1,430	0.00	4	2,656	1.51	0	333	0.00
Mahoning Valley Race Course	5	2,665	1.88	2	492	4.07	0	0	-	3	2,389	1.26
Thistledown	0	0	-	1	2,153	0.46	6	2,411	2.49	1	544	1.84
Oklahoma	0	577	0.00	1	970	1.03	0	1,543	0.00	4	2,786	1.44
Remington Park	0	0	-	0	0	-	0	1,543	0.00	4	2,786	1.44
Will Rogers Downs	0	577	0.00	1	970	1.03	0	0	-	0	0	-
Pennsylvania	9	3,756	2.40	7	4,612	1.52	6	5,977	1.00	5	4,751	1.05
Parx Racing	6	2,559	2.34	5	2,370	2.11	4	2,256	1.77	4	2,911	1.37
Penn National	3	1,197	2.51	1	1,237	0.81	1	1,590	0.63	1	1,115	0.90
Presque Isle Downs	0	0	-	1	1,005	1.00	1	2,131	0.47	0	725	0.00
Virginia	0	152	0.00	0	0	-	2	2,861	0.70	0	0	-
Colonial Downs	0	152	0.00	0	0	-	2	2,861	0.70	0	0	-
Washington	0	0	-	1	1,359	0.74	2	1,663	1.20	0	0	-
Emerald Downs	0	0	-	1	1,359	0.74	2	1,663	1.20	0	0	-

² HISA's starts data is provided by a third party and may be subject to minor adjustments after publication. Any such revisions will be incorporated into subsequent metrics reports to ensure continued transparency. In light of these adjustments, changes in this data include Parx Racing's Q1 2025 rate increasing from 2.31 to 2.34 and Canterbury Park's Q2 2025 rate increasing from 1.38 to 1.43.



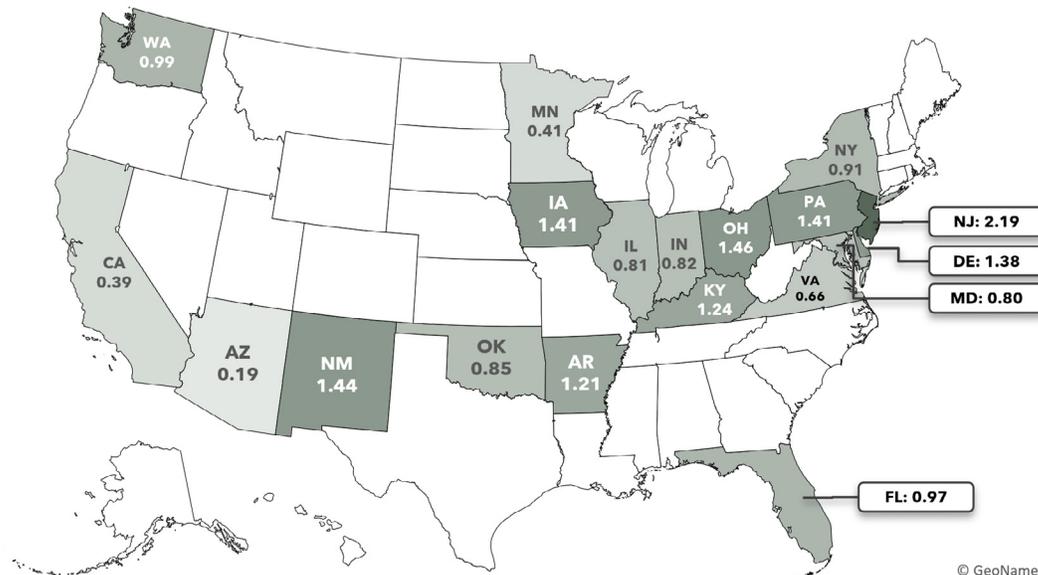
RACING-RELATED EQUINE FATALITIES

By-state and by-racetrack data is set forth below for 2025 on an aggregate basis.

Location	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts
TOTAL	176	168,423	1.04
Arizona	1	5,136	0.19
Turf Paradise	1	5,136	0.19
Arkansas	7	5,768	1.21
Oaklawn Park	7	5,768	1.21
California	5	12,874	0.39
Del Mar	4	3,680	1.09
Los Alamitos Race Course	0	2,419	0.00
Santa Anita Park	1	6,775	0.15
Delaware	6	4,345	1.38
Delaware Park	6	4,345	1.38
Florida	21	21,725	0.97
Gulfstream Park	14	14,771	0.95
Tampa Bay Downs	7	6,954	1.01
Illinois	5	6,139	0.81
Fairmount Park	2	2,747	0.73
Hawthorne	3	3,392	0.88
Indiana	6	7,283	0.82
Horseshoe Indianapolis	6	7,283	0.82
Iowa	5	3,551	1.41
Prairie Meadows	5	3,551	1.41
Kentucky	22	17,812	1.24
Churchill Downs	11	6,778	1.62
Ellis Park	1	1,867	0.54
Keeneland	5	2,737	1.83
Kentucky Downs	1	855	1.17
Turfway Park	4	5,575	0.72
Maryland	7	8,804	0.80
Laurel Park	7	7,972	0.88
Pimlico	0	486	0.00
Timonium	0	346	0.00

Location	Racing Fatalities	Starts	Racing Fatalities per 1,000 Starts
Minnesota	1	2,435	0.41
Canterbury Park	1	2,435	0.41
New Jersey	8	3,657	2.19
Far Hills	0	11	0.00
Monmouth at Meadowlands	1	445	2.25
Monmouth Park	7	3,201	2.19
New Mexico	6	4,166	1.44
Downs at Albuquerque	2	1,195	1.67
Sunland Park	1	1,905	0.52
Zia Park	3	1,066	2.81
New York	17	18,648	0.91
Aqueduct	8	9,541	0.84
Finger Lakes	3	5,146	0.58
Saratoga Race Course	6	3,961	1.51
Ohio	22	15,073	1.46
Belterra Park	4	4,419	0.91
Mahoning Valley Race Course	10	5,546	1.80
Thistledown	8	5,108	1.57
Oklahoma	5	5,876	0.85
Remington Park	4	4,329	0.92
Will Rogers Downs	1	1,547	0.65
Pennsylvania	27	19,096	1.41
Parx Racing	19	10,096	1.88
Penn National	6	5,139	1.17
Presque Isle Downs	2	3,861	0.52
Virginia	2	3,013	0.66
Colonial Downs	2	3,013	0.66
Washington	3	3,022	0.99
Emerald Downs	3	3,022	0.99

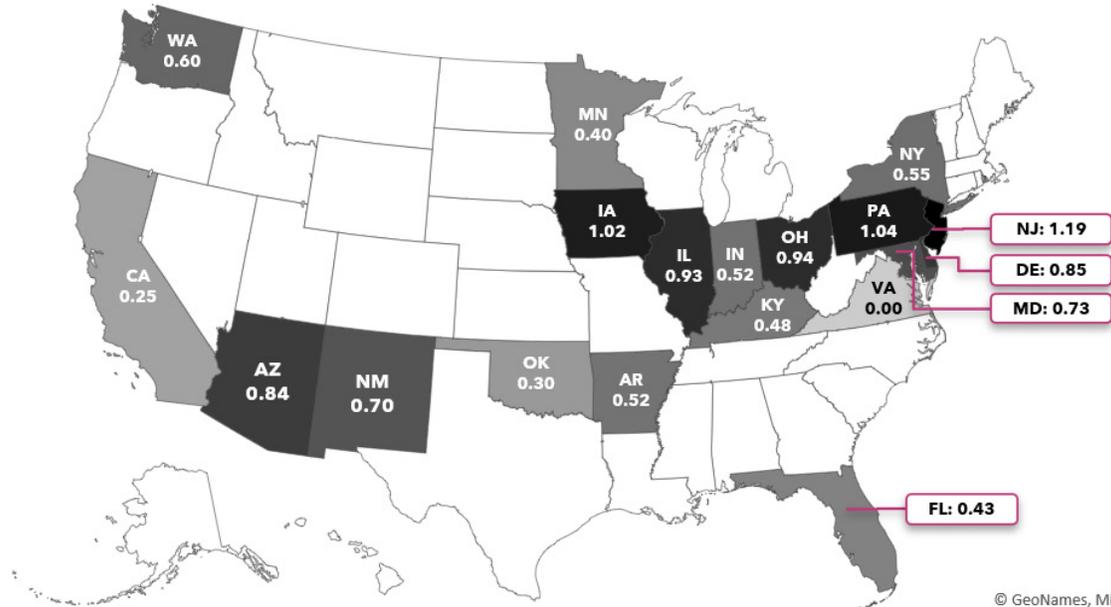
Racing-Related Equine Fatality Rate by State in 2025



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TRAINING-RELATED EQUINE FATALITIES

Training-Related Equine Fatality Rate by State in 2025



During 2025, racetracks operating under HISA rules (and the training centers owned by them) reported 0.55 training-related deaths per 1,000 workouts (i.e., the official timed works of racehorses preparing for an official start, as recorded in Equibase). Compared to 2024, the training-related fatality rate increased from 0.50. Given that 2024 was the first year in history of robust data collection on training deaths, it cannot yet be determined whether this increase reflects a deviation from an established baseline, and HISA will continue to identify patterns to help racing stakeholders make more informed decisions for their horses and propose guidance and rules designed to make training safer.

WHAT IS A TRAINING-RELATED EQUINE FATALITY?

HISA began releasing data on training-related equine fatalities in 2025 for the first time in Thoroughbred racing history in the U.S. (and, to HISA's knowledge, internationally).

Training-related fatalities reflect Thoroughbred horses that die or are euthanized within 72 hours as a direct result of injuries sustained during training. This includes on-track deaths as well as horses that are injured and transported to a barn or referral hospital but are subsequently euthanized. They do not, however, include horses who die for medical reasons (e.g., colic, pneumonia, cellulitis and laminitis) or traumatic injuries sustained in the barn area.

It should be noted that reported ratios are conservatively high, as HISA's training-related data includes fatalities that occur during all training activities, not just workouts. Understanding that using workouts to calculate a ratio of training-related fatalities is not a perfect corollary to a starts-based ratio in the racing context, it is the most reliably reported data to use as a proxy. This data is subject to the same quality control process HISA uses for racing-related fatalities, as described above.

TRAINING-RELATED EQUINE FATALITIES

The training-related fatalities at HISA racetracks (and the training centers owned by them) are set forth below for 2025, by state and by facility, on a quarterly basis.^{4 5}

Location	Q1 2025			Q2 2025			Q3 2025			Q4 2025		
	Deaths	Workouts	Deaths per 1,000 Workouts	Deaths	Workouts	Deaths per 1,000 Workouts	Deaths	Workouts	Deaths per 1,000 Workouts	Deaths	Workouts	Deaths per 1,000 Workouts
TOTAL	51	70,339	0.73	49	96,041	0.51	39	101,495	0.38	50	78,702	0.64
Arizona	1	3,103	0.32	2	935	2.14	0	0	-	3	3,077	0.97
Turf Paradise	1	3,103	0.32	2	935	2.14	0	0	-	3	3,077	0.97
Arkansas	2	5,958	0.34	0	1,576	0.00	0	0	-	4	3,934	1.02
Oaklawn Park	2	5,958	0.34	0	1,576	0.00	0	0	-	4	3,934	1.02
California	2	13,549	0.15	6	14,749	0.41	0	15,495	0.00	6	12,688	0.47
Del Mar	0	0	-	0	0	-	0	6,890	0.00	0	723	0.00
Los Alamitos Race Course	0	1,270	0.00	3	2,294	1.31	0	2,499	0.00	1	1,930	0.52
Pleasanton CARF	0	1,887	0.00	0	0	-	0	0	-	0	0	-
San Luis Ray Training Center	0	1,160	0.00	0	2,052	0.00	0	1,676	0.00	0	1,367	0.00
Santa Anita Park	2	9,232	0.22	3	10,403	0.29	0	4,430	0.00	5	8,668	0.58
Delaware	1	783	1.28	2	2,393	0.84	2	2,663	0.75	1	1,212	0.83
Delaware Park	1	783	1.28	2	2,393	0.84	2	2,663	0.75	1	1,212	0.83
Florida	14	16,171	0.87	2	9,126	0.22	0	6,496	0.00	3	12,064	0.25
Gulfstream Park	4	5,565	0.72	2	4,540	0.44	0	3,908	0.00	1	4,820	0.21
Palm Meadows Training Track	7	6,581	1.06	0	3,356	0.00	0	2,588	0.00	1	4,386	0.23
Tampa Bay Downs	3	4,025	0.75	0	1,230	0.00	0	0	-	1	2,858	0.35
Illinois	1	885	1.13	3	3,636	0.83	4	3,025	1.32	0	1,014	0.00
Fairmount Park	1	488	2.05	3	1,408	2.13	1	1,151	0.87	0	409	0.00
Hawthorne	0	397	0.00	0	2,228	0.00	3	1,874	1.60	0	605	0.00
Indiana	0	1,621	0.00	3	3,391	0.88	0	3,017	0.00	2	1,499	1.33
Horseshoe Indianapolis	0	1,621	0.00	3	3,391	0.88	0	3,017	0.00	2	1,499	1.33
Iowa	0	0	-	1	2,278	0.44	3	1,638	1.83	0	0	-
Prairie Meadows	0	0	-	1	2,278	0.44	3	1,638	1.83	0	0	-
Kentucky	9	9,229	0.98	10	22,112	0.45	4	23,422	0.17	12	17,730	0.68
Churchill Downs	0	307	0.00	4	6,487	0.62	1	7,850	0.13	3	5,005	0.60
Churchill Downs Training Center	1	897	1.11	1	1,384	0.72	0	1,704	0.00	0	1,524	0.00
Ellis Park	0	0	-	0	344	0.00	1	3,240	0.31	0	723	0.00
Keeneland	2	1,816	1.10	2	7,602	0.26	0	3,320	0.00	3	3,155	0.95
The Thoroughbred Center	2	2,038	0.98	0	2,685	0.00	0	2,987	0.00	2	2,723	0.73
Turfway Park	4	4,171	0.96	3	3,610	0.83	2	4,321	0.46	4	4,600	0.87
Maryland	4	3,239	1.23	1	3,907	0.26	3	3,506	0.86	2	3,094	0.65
Laurel Park	4	3,239	1.23	1	3,784	0.26	3	3,506	0.86	2	3,094	0.65
Pimlico	0	0	-	0	123	0.00	0	0	-	0	0	-
Minnesota	0	0	-	0	1,266	0.00	1	1,249	0.80	0	0	-
Canterbury Park	0	0	-	0	1,266	0.00	1	1,249	0.80	0	0	-
New Jersey	0	0	-	2	2,635	0.76	6	3,461	1.73	0	607	0.00
Monmouth Park	0	0	-	2	2,635	0.76	6	3,461	1.73	0	607	0.00
New Mexico	1	2,149	0.47	1	206	4.85	0	2,550	0.00	3	2,216	1.35
Downs at Albuquerque	0	0	-	0	73	0.00	0	2,550	0.00	1	916	1.09
Sunland Park	1	2,149	0.47	1	133	7.52	0	0	-	1	255	3.92
Zia Park	0	0	-	0	0	-	0	0	-	1	1,045	0.96
New York	6	6,939	0.86	7	15,309	0.46	8	18,948	0.42	7	10,101	0.69
Aqueduct	0	0	-	0	0	-	0	19	0.00	0	0	-
Belmont Park	6	6,910	0.87	4	8,653	0.46	0	6,748	0.00	7	8,195	0.85
Finger Lakes	0	29	0.00	2	2,805	0.71	5	2,210	2.26	0	780	0.00
Saratoga Race Course	0	0	-	1	3,851	0.26	3	9,971	0.30	0	1,126	0.00
Ohio	1	1,389	0.72	3	3,386	0.89	4	3,070	1.30	1	1,766	0.57
Belterra Park	0	0	-	1	1,027	0.97	3	1,255	2.39	0	268	0.00
Mahoning Valley Race Course	1	1,389	0.72	0	162	0.00	0	0	-	0	1,224	0.00
Thistledown	0	0	-	2	2,197	0.91	1	1,815	0.55	1	274	3.65
Oklahoma	0	1,248	0.00	0	662	0.00	1	4,557	0.22	2	3,581	0.56
Remington Park	0	168	0.00	0	88	0.00	1	4,542	0.22	2	3,498	0.57
Will Rogers Downs	0	1,080	0.00	0	574	0.00	0	15	0.00	0	83	0.00
Pennsylvania	8	3,779	2.12	5	5,145	0.97	2	5,142	0.39	4	4,119	0.97
Parx Racing	6	2,268	2.65	4	2,424	1.65	1	2,628	0.38	1	2,742	0.36
Penn National	2	1,511	1.32	1	1,485	0.67	0	1,360	0.00	2	1,247	1.60
Presque Isle Downs	0	0	-	0	1,236	0.00	1	1,154	0.87	1	130	7.69
Virginia	0	2	0.00	0	38	0.00	0	1,802	0.00	0	0	-
Colonial Downs	0	2	0.00	0	38	0.00	0	1,802	0.00	0	0	-
Washington	1	295	3.39	1	3,291	0.30	1	1,454	0.69	0	0	-
Emerald Downs	1	295	3.39	1	3,291	0.30	1	1,454	0.69	0	0	-

⁴ HISA's workouts data is provided by a third party and may be subject to minor adjustments after publication. Any such revisions will be incorporated into subsequent metrics reports to ensure continued transparency. In light of these adjustments, changes in this data include Fairmount Park's Q1 2025 rate decreasing from 200.00 to 2.05 and Parx Racing's Q1 2025 rate increasing from 2.63 to 2.65. The Fairmount Park revision reflects a data-labeling issue in which most workouts were still attributed to the track's former name, FanDuel Sportsbook & Horse Racing; this has since been corrected in the HISA Portal.

⁵ HISA previously reported two training fatalities at Saratoga Race Course for the second quarter. One of those horses was not covered by HISA rules and we have adjusted the track's metrics accordingly.



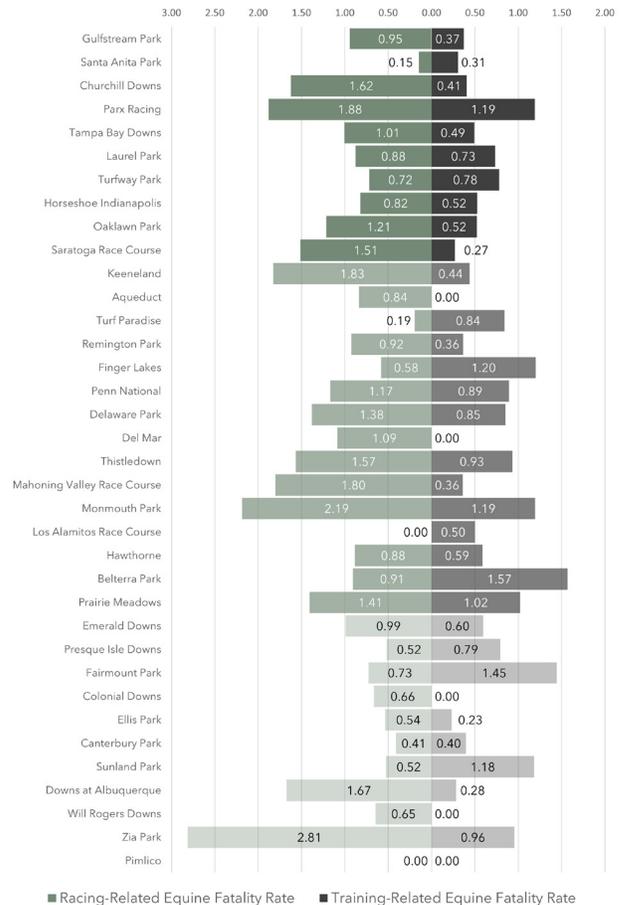
TRAINING-RELATED EQUINE FATALITIES

The training-related fatalities at HISA racetracks (and the training centers owned by them) are set forth below for 2025, by state and by facility, on an aggregate basis.

Location	Deaths	Workouts	Deaths per 1,000 Workouts
TOTAL	189	346,577	0.55
Arizona	6	7,115	0.84
Turf Paradise	6	7,115	0.84
Arkansas	6	11,468	0.52
Oaklawn Park	6	11,468	0.52
California	14	56,481	0.25
Del Mar	0	7,613	0.00
Los Alamitos Race Course	4	7,993	0.50
Pleasanton CARF	0	1,887	0.00
San Luis Ray Training Center	0	6,255	0.00
Santa Anita Park	10	32,733	0.31
Delaware	6	7,051	0.85
Delaware Park	6	7,051	0.85
Florida	19	43,857	0.43
Gulfstream Park	7	18,833	0.37
Palm Meadows Training Track	8	16,911	0.47
Tampa Bay Downs	4	8,113	0.49
Illinois	8	8,560	0.93
Fairmount Park	5	3,456	1.45
Hawthorne	3	5,104	0.59
Indiana	5	9,528	0.52
Horseshoe Indianapolis	5	9,528	0.52
Iowa	4	3,916	1.02
Prairie Meadows	4	3,916	1.02
Kentucky	35	72,493	0.48
Churchill Downs	8	19,649	0.41
Churchill Downs Training Center	2	5,509	0.36
Ellis Park	1	4,307	0.23
Keeneland	7	15,893	0.44
The Thoroughbred Center	4	10,433	0.38
Turfway Park	13	16,702	0.78
Maryland	10	13,746	0.73
Laurel Park	10	13,623	0.73
Pimlico	0	123	0.00
Minnesota	1	2,515	0.40
Canterbury Park	1	2,515	0.40
New Jersey	8	6,703	1.19
Monmouth Park	8	6,703	1.19
New Mexico	5	7,121	0.70
Downs at Albuquerque	1	3,539	0.28
Sunland Park	3	2,537	1.18
Zia Park	1	1,045	0.96
New York	28	51,297	0.55
Aqueduct	0	19	0.00
Belmont Park	17	30,506	0.56
Finger Lakes	7	5,824	1.20
Saratoga Race Course	4	14,948	0.27
Ohio	9	9,611	0.94
Belterra Park	4	2,550	1.57
Mahoning Valley Race Course	1	2,775	0.36
Thistledown	4	4,286	0.93
Oklahoma	3	10,048	0.30
Remington Park	3	8,296	0.36
Will Rogers Downs	0	1,752	0.00
Pennsylvania	19	18,185	1.04
Parx Racing	12	10,062	1.19
Penn National	5	5,603	0.89
Presque Isle Downs	2	2,520	0.79
Virginia	0	1,842	0.00
Colonial Downs	0	1,842	0.00
Washington	3	5,040	0.60
Emerald Downs	3	5,040	0.60

Racing-Related and Training-Related Equine Fatality Rates by Track

Tracks that conducted both racing and training in 2025 (Shaded by comparable starts and workouts combined)



Note: Training ratios are conservatively high, as HISA's training-related data includes fatalities that occur during all training activities, not just workouts. Understanding that using workouts to calculate a ratio of training-related fatalities is not a perfect corollary to a starts-based ratio in the racing context, it is the most reliably reported data to use as a proxy.

COMBINED FATALITY RATES

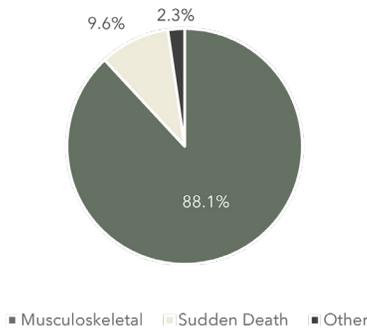
HISA also determined that 71,443 unique Covered Horses either recorded a published workout or made a start in a Covered Horserace in 2025, meaning that the total racing- and training-related fatality rate for the Covered Horse population was 0.51%.

FATALITY INSIGHTS: A DEEPER DIVE

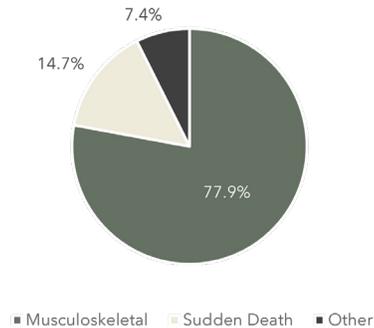
The central mission for HISA is to increase safety for all horses and riders, while maintaining a level playing field for all competitors. Key to that guiding principle is identifying patterns in data and uncovering specific areas of concern within racing.

In 2025, HISA began releasing data on fatality subclassifications. These subclassifications are divided into three broad categories: musculoskeletal injury (involving bones, tendons and ligaments), sudden death and other causes (i.e., traumatic injury not related to musculoskeletal injury).

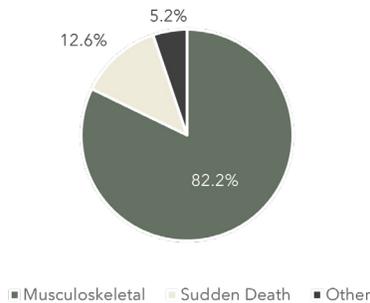
2025 Racing-Related Fatality Subclassifications



2025 Training-Related Fatality Subclassifications



2025 Combined Racing- and Training-Related Fatality Subclassifications



END OF MEET INCREASES

HISA's ongoing research has shown that racing-related equine fatality rates often increase near the end of seasonal meets. As HISA continues to collect data and assess possible contributing factors, we encourage stakeholders to maintain vigilance throughout the racing season. We will continue evaluating this trend in 2026.

Another area under review involves fatalities among 2-year-old horses. In 2024, HISA received reports of 15 racing fatalities involving 2-year-old horses in Covered Horseraces; in 2025, that number increased to 21. This prompted questions as to whether the 2025 cases reflected any meaningful differences in the backgrounds or management of these horses compared with prior years. To ensure we fully understand the issue, HISA has initiated a focused review of known risk factors associated with 2-year-old racing fatalities. This work is ongoing. If the analysis identifies any notable trends or areas for improvement, HISA will report those findings and consider appropriate next steps.

2-YEAR-OLD FATALITIES

2024: 15
2025: 21



FATALITY INSIGHTS: A DEEPER DIVE

2025 Fatality Subclassifications by Track (Combined Racing- and Training-Related Fatalities)

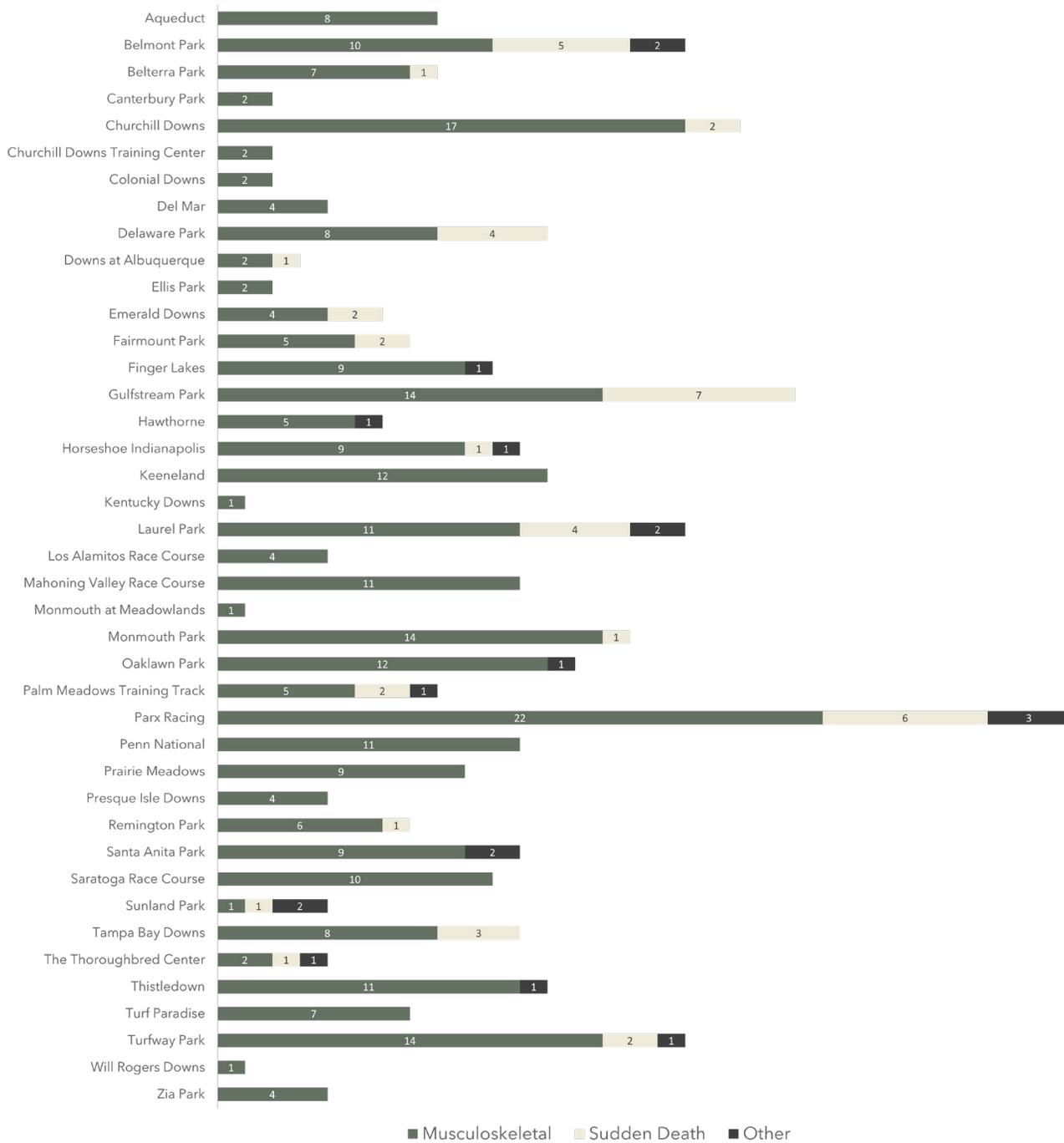




Photo credit: Turf Paradise

TRACK SPOTLIGHTS

Throughout 2025, HISA conducted targeted reviews and interventions at several racetracks to better understand the factors contributing to equine fatalities and to support improvements in safety and oversight. Key takeaways are set forth below with more detailed analyses previously published in our 2025 [second](#) (Turf Paradise) and [third quarter](#) (Saratoga Race Course and Thistledown) metrics reports.

Saratoga Race Course

In each fatality cluster that HISA has reviewed since 2023 (i.e., Laurel Park, Churchill Downs and Saratoga Race Course (all in 2023) and Saratoga (2025)), the one constant across all tracks has been that horses who died had significantly higher rates of high-speed exercise in the months prior to catastrophic injury than other non-injured horses that participated in the same race or workout. These findings underscore the importance of monitoring the behavior, performance and soundness of horses participating in intense high-speed exercise—and of adjusting training and racing intensity to mitigate injury risk.

Thistledown

To strengthen operational and veterinary oversight at Thistledown during the 2025 meet, HISA deployed highly experienced professionals in the veterinary, forensic and racing-operations spaces to complement the racetrack's management team, who exhibited strong cooperation and engagement throughout the process. Their support strengthened screening processes, mortality reviews and operational decision-making, including the racetrack's decision to replace its starting gate.

Turf Paradise

Turf Paradise demonstrated the transformative impact of collaborating with HISA to institute practices designed to reduce equine fatalities. The racetrack achieved a 0.19 racing-related equine fatality rate in 2025, an 88% decline from their 2024 rate of 1.57 fatalities per 1,000 starts and a 90% decline from their 2023 rate of 1.86 fatalities per 1,000 starts. This improvement followed HISA's intervention beginning in late 2024, which included inspections, compliance directives and a comprehensive remediation plan implemented in coordination with the Arizona Department of Gaming and Turf Paradise leadership. Following HISA's recommendation, Turf Paradise delayed racing and worked closely with HISA over the course of multiple site visits, reviews and planning sessions to bring the track into substantial compliance for racing. Turf Paradise's turnaround exemplifies how proactive engagement with HISA's safety standards can yield measurable and immediate improvements in equine welfare.

USE OF RIDING CROP VIOLATIONS

6

HISA regulations provide that a rider may use the crop on a horse's hindquarters a maximum of six times during a race in increments of two or fewer strikes.

2

HISA regulations provide that a rider must allow at least two strides for the horse to respond before using the crop again.

Notwithstanding the foregoing restrictions, a rider may use the crop for safety reasons.

AMONG OTHER RESTRICTIONS, A RIDER MAY NOT:

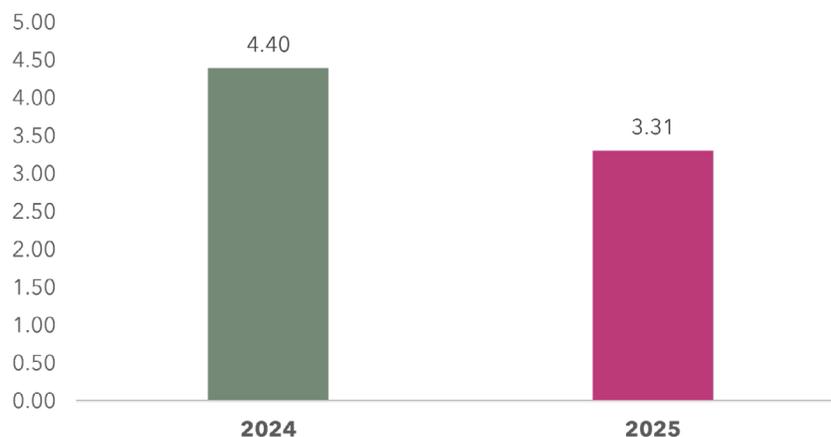
Raise the crop with the rider's wrist above the rider's helmet when using the crop.

Injure the horse with the crop or leave any physical marks.

Use the crop if the horse has obtained its maximum placing.

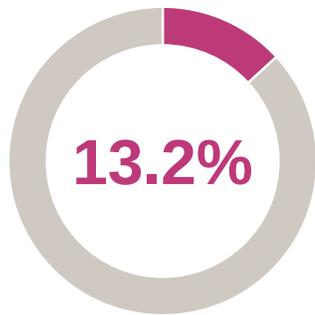
HISA recently updated the methodology it uses to report crop rule violations to capture all violations issued during a specified period; this methodology does not account for circumstances where, for example, the violation may have been subsequently stayed or overturned via appeal. Using the methodology described above, crop violations have decreased by approximately 25% year over year.

Crop Rule Violations per 1,000 Starts



SCRATCHES

Horses that are entered into a race may be “scratched” or withdrawn from a race before it is run for various reasons. Most scratches occur due to weather-related track surface changes or administrative issues or because the race was overfilled. In a smaller number of cases, a horse may be scratched because the trainer or owner has questions about whether racing conditions are suitable, believes that the horse is not performing well in training sessions leading up to the race or because a Regulatory Veterinarian determines that the horse is unsound for competition.



Scratches per Entry at HISA Tracks
(7/1/2022 – 12/31/2025)



Scratches per Entry Prior to the Racetrack Safety Program's Implementation
(1/1/2019 – 6/30/2022)

In 2025, HISA recorded 13.6% scratches per entry at HISA tracks compared to 13.4% in the prior year.

SCRATCHES & THE VETERINARIANS' LIST

When horses are scratched, they may be placed on the Veterinarians' List or Stewards' List. In December 2025, HISA announced a comprehensive review aimed at updating the Veterinarians' List and Stewards' List categories across U.S. Thoroughbred racing, with changes targeted for 2026. Through this initiative, HISA aims to modernize and harmonize these oversight tools, providing additional insights into national safety metrics. Uniformity will help inform HISA's metrics regarding veterinary scratches and create equity among all stakeholders. At the conclusion of this project, HISA will release its findings publicly and outline a set of modernized Veterinarians' List and Stewards' List categories.

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