



Annual Report 2016

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Chairman's Statement



I am very pleased to present to you the International Federation of Horseracing Authorities (IFHA) Annual Report 2016 and I would like to share our deepest appreciation to the racing authorities around the world for their great contributions to produce this report. It summarizes all our activities in 2016 and the Appendices contain a variety of important racing data.

CELEBRATING OUR 50th CONFERENCE, LOOKING TO THE FUTURE TOGETHER

The notion of an international gathering of horse racing bodies was conceived many decades ago by Marcel Boussac, then Chairman of the Société d'Encouragement, and my father Jean Romanet, its Director General. Both Mr Boussac and my father had a vision for strengthening horse racing around the world, based upon the models employed by France, Great Britain, Ireland and the United States. They knew that by assembling these four racing bodies on a regular basis, a foundation would be in place to improve and develop racing management globally.

In 1961, on the eve of the Prix de l'Arc de Triomphe, these four countries executed an agreement which gave birth to a Liaison Committee, which would research and make recommendations on the foremost matters facing international racing. The output from this Committee yielded great progress and enabled the British, French, Irish, and American racing authorities to create the first International Conference of Horseracing Authorities in 1967, which was chaired by my father Jean Romanet.

14 attendees from 9 countries attended that first Conference and in 2016, there were 52 countries represented at our 50th gathering. We gladly receive the media each year and the open forum to the Conference is now available via live stream and replay to be viewed by anyone who wishes around the world.

Marcel Boussac and my father would be amazed at what reach this forum has ultimately achieved and how many countries participate, but equally be heartened to know that the core objective of the very first Conference remains in place – improve and develop racing internationally.

Those 14 individuals who gathered at the first International Conference 50 years ago and those who followed were only able to meet the racing's challenges by collectively committing their time, resources, and will. None of the realizations I described today could have been achieved alone. The strength of this Conference, of the Federation, and of global horse racing comes from our members and their will to work together. We must continue to defend our sport in the same spirit as our predecessors with great friendship, mutual trust, and a very strong determination to guarantee a level playing field for the general interest of our stakeholders.

INTERNATIONAL HORSE MOVEMENT, THE INTERNATIONAL HORSE SPORTS CONFEDERATION, AND A NEW COLLABORATION

AClearly the global participation of horses, specifically at the top level, has never been greater. 2016 showcased this with the staging by the Korea Racing Authority of two major international races with runners from France, Great Britain, Hong Kong, Ireland, Japan, Singapore and United Arab Emirates. This is a part of strategy that has seen Korea promoted to part II of the Blue Book. In 2016, we also saw Hong Kong promoted to Part 1, a recognition of the open nature and international competition for the racing at Sha Tin and Happy Valley.



However, as we all know in our home regions, and as shared in an overview by IFHA Executive Director Andrew Harding at the Paris Conference, there remains a number of challenges impeding the free and safe international movement of competition horses, stemming mainly from inconsistent approaches to the application of health regulations and quarantine, leading to excessive and irregular health requirements for the importation of horses.

The IFHA has always believed that the way forward to grow our sport is to foster cross-country participation. This is why we signed an affiliation agreement with the World Animal Health Organisation (OIE) in 2013, building a relationship with the OIE to study the most pressing issues and promote reasonable and safe governance of equine movement. The association with the OIE has benefit for all equestrian movement and the IFHA was proud to announce a new collaboration agreement with the OIE through the International Horse Sports Confederation (IHSC). The IHSC, an alliance with the Fédération Équestre Internationale (FEI), will oversee this new cooperation with the OIE, developing research (studying infectious diseases like African Horse Sickness, Equine Influenza, and Glanders for example) that will lead to improved regulation. These initiatives and the associated costs are now being shared 50-50 by the IFHA and FEI in a more efficient and streamlined manner. We look forward to seeing the fruits of these partnerships in the form of increased cross-competition in all racing continents.

SAFEGUARDING THE INTEGRITY OF RACING

2016 was not without a number of concerns as it relates to the use of prohibited substances in high-profile international events. The use of banned substances which have an effect on a horse's performance on race-day must not be tolerated, and I urge all racing authorities to strengthen their regulations and penalties that oversee doping measures, while also bolstering in competition and out of competition testing. A more strictly controlled racing environment, where horses race without the influence of banned substances is what is right for the participants, the punters, and the public as a whole.

I look forward to unveiling the work of the IFHA Lab Reference Committee where we will see labs reach an assessed benchmark standard, capable of testing at the most proficient levels, and able to act as reference resource to sample drug tests from anywhere in the world. Enhancing our analytical laboratories, while also implementing expanded testing protocols, and imposing more severe doping control rules is the only way forward.

APPRECIATION AND GRATITUDE

I was quite honored to accept on behalf of the Romanet family, the 2016 Longines and IFHA International Award of Merit. It was an emotional moment to remember all of the great members of my family who contributed to horse racing in France and all over the world. Without their efforts, planning, and friendship, the IFHA and the global sport of horse racing would not be in the position it is today.

2016 also saw the retirement of our longtime secretary Martine Gaudron. For many years, Martine welcomed our guests to Paris and our Conference with grace, humor, and a smile. We thank Martine for her many years of service to the Federation and trust that her well-deserved retirement is relaxing and very much enjoyed among friends and family.

Louis Romanet
Chairman

Mission Statement

In 1961, the Horseracing Authorities of the United States of America, France, Great Britain and Ireland have decided to coordinate their action in order to protect the integrity of horseracing and keep their basic aim, which is the organization of competitions to select the best horses in order to improve the quality of breeding.

In 1967, they created the International Conference held in Paris every year which brings the main Racing Authorities in the world together.

To give an official shape to these efforts, they founded the International Federation of Horseracing Authorities in 1993 which amalgamates around sixty members.

The Federation organizes every year the International Conference which updates the International Agreement on Breeding, Racing and Wagering endorsed by the Conference in 1974.

The Federation publishes racing statistics of member countries concerning breeding, racing and betting.

Our objectives are:

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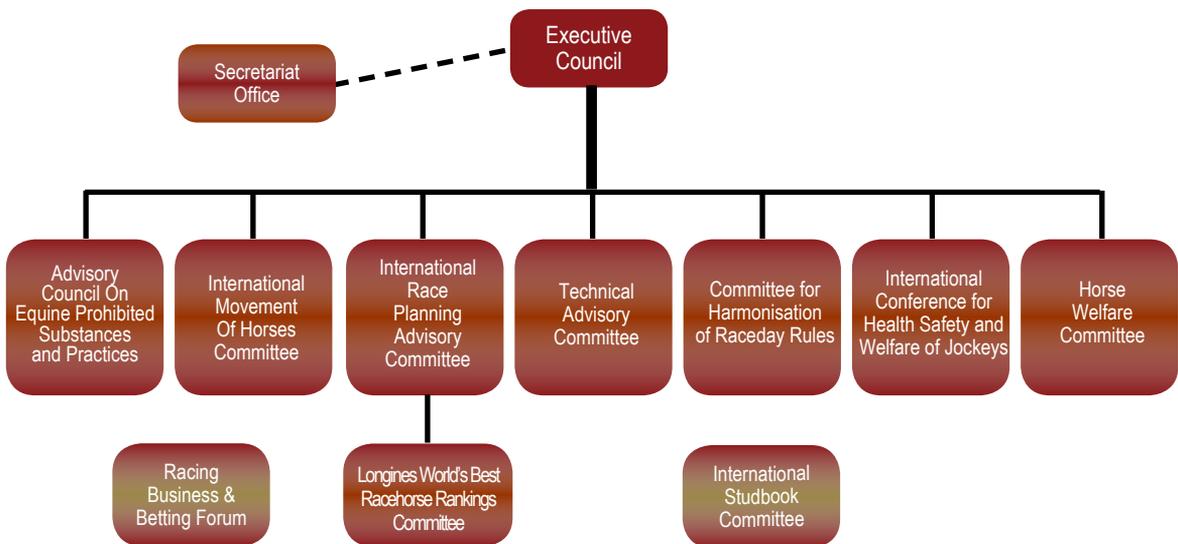
The Federation organizes every year the International Conference which updates the International Agreement on Breeding, Racing and Wagering endorsed by the Conference in 1974.

The Federation publishes racing statistics of member countries concerning breeding, racing and betting.

Our objectives are:

1. to promote horse racing and breeding, and the integrity and prestige thereof, throughout the world by any and all means that the Federation shall, through its General Assembly, consider relevant and which are in compliance with all existing laws, rules and regulations ;
2. to protect the health and welfare of horses and riders ;
3. to foster and develop exchanges between various racing authorities without discrimination and on a permanent basis ;
4. to organize, each year, the International Conference of Horseracing Authorities and take responsibility for the financing of organizing such Conference,
5. to make recommendations to competent authorities for improvements in laws and regulations directly or indirectly affecting the racing industry ;
6. to promulgate the International Agreement on Breeding, Racing and Wagering;
7. to represent any racing authority, requesting such representation, in international matters, with a view to enforcing the provisions of the International Agreement on Breeding and Racing.

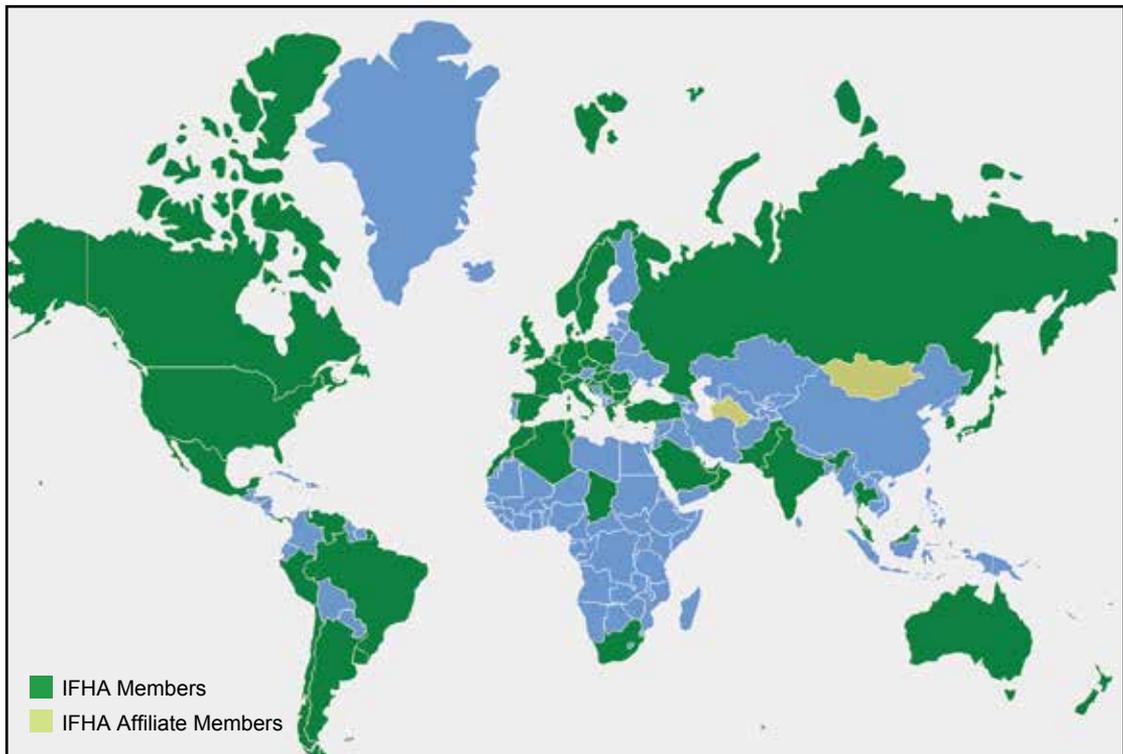
IFHA Chart



Appendix 5 lists the members in 2016 of each of the committees.

Membership

The IFHA has member organisations in each of the countries coloured in green. There is significant racing activity in each of these countries.



Organisation

Below are the countries in which IFHA has a member organisation.

A list with all members is presented in the appendix 4.

• Americas

ARGENTINA	MEXICO	URUGUAY
BRAZIL	PANAMA	VENEZUELA
CANADA	PERU	
CHILE	UNITED STATES OF AMERICA	

• European and Mediterranean Countries

ALGERIA	GERMANY	ROMANIA
AUSTRIA	GREAT BRITAIN	RUSSIA
BELGIUM	GREECE	THE NETHERLANDS
BULGARIA	HUNGARY	TUNISIA
CHAD	IRELAND	SERBIA
CROATIA	ITALY	SLOVAKIA
CYPRUS	LEBANON	SLOVENIA
CZECH REPUBLIC	MOROCCO	SPAIN
DENMARK	NORWAY	SWEDEN
FRANCE	POLAND	SWITZERLAND

• Asian Racing Federation

AUSTRALIA	SINGAPORE	SAUDI ARABIA
BAHRAIN	MAURITIUS	SOUTH AFRICA
HONG KONG	MONGOLIA (Affiliate member)	THAILAND
INDIA	NEW ZEALAND	TURKEY
JAPAN	OMAN	TURKMENISTAN (Affiliate member)
KOREA	PAKISTAN	UNITED ARAB EMIRATES
MACAU	PHILIPPINES	
MALAYSIA	QATAR	

• Observers

AZERBAIJAN	LITHUANIA	UZBEKISTAN
ISRAEL	MADAGASCAR	VIETNAM
KAZAKHSTAN	UKRAINE	

2016 Executive Council

Louis ROMANET
Chairman (1 vote)



Brian KAVANAGH
Vice-Chairman, Europe

Winfried ENGELBRECHT BRESGES
Vice-Chairman, Asia

Jim GAGLIANO
Vice-Chairman, Americas

EUROPE France (1 vote) Great Britain (1 vote) Ireland (1 vote)

Olivier DELLOYE
France Galop



Nick RUST
British Horseracing Authority



Denis EGAN
Irish Turf Club



Brian KAVANAGH
Horse Racing Ireland



AMERICAS North America (2 votes) South America (1 vote)

Jim GAGLIANO
US Jockey Club



Craig FRAVEL
NTRA/Breeders' Cup



Jim LAWSON
Woodbine
Entertainment Group



Carlos Rossi SOFIA
OSAF



**Sergio Coutinho
NOGUEIRA**
OSAF



ASIA Asian Racing Federation (3 votes)

Winfried ENGELBRECHT BRESGES
Asian Racing Federation



Makoto INOUE
JRA



Frances NELSON
Racing Australia



ROTATING MEMBERS Developing Racing Countries (2 votes)

Rüdiger SCHMANN
European & Mediterranean
Horseracing Federation

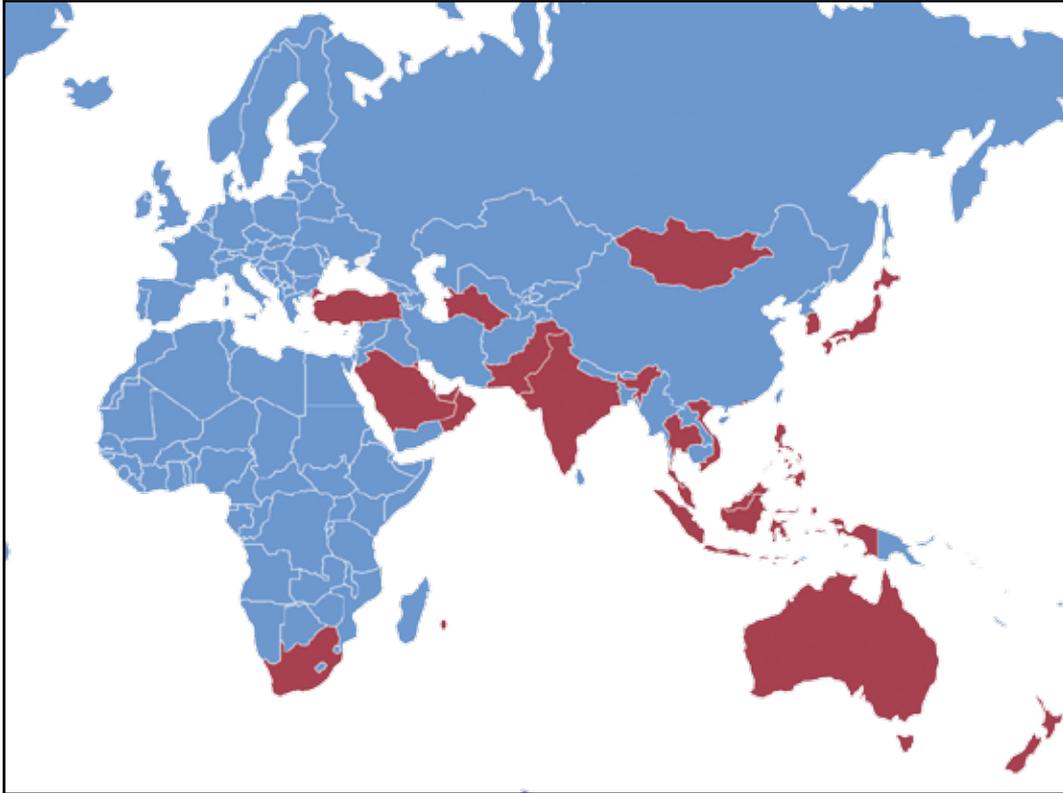


CHONG Boo Ching
Asian Racing Federation

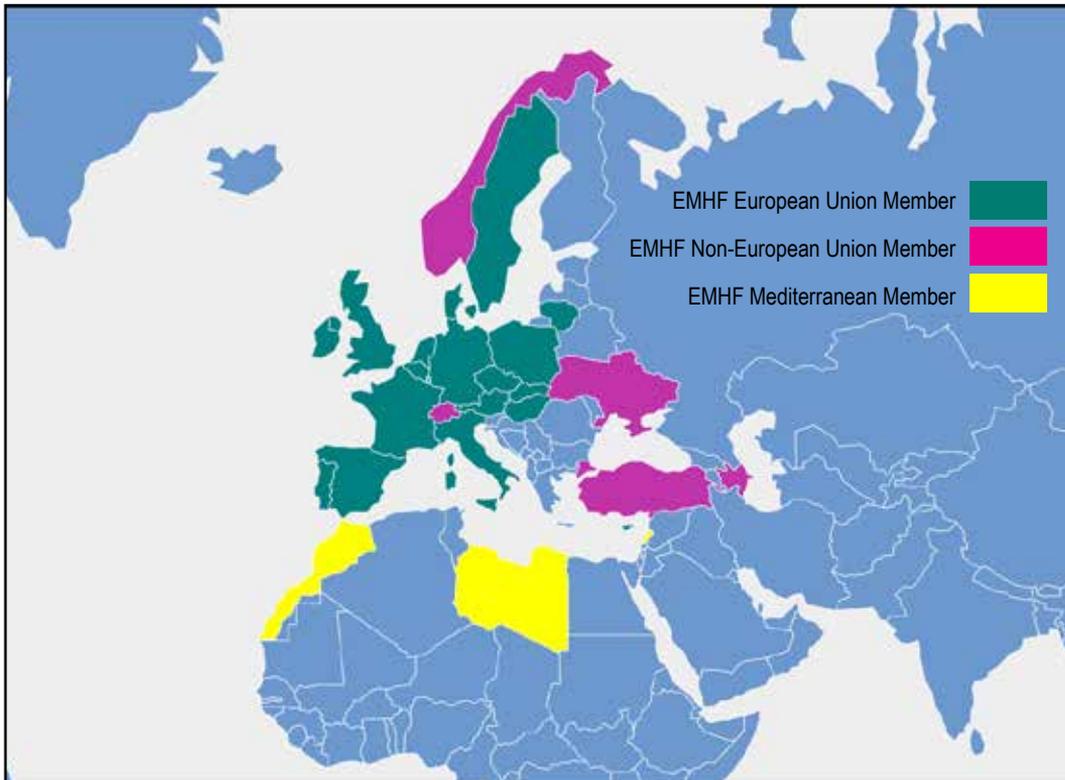


Regional Federations

ARF – Asian Racing Federation

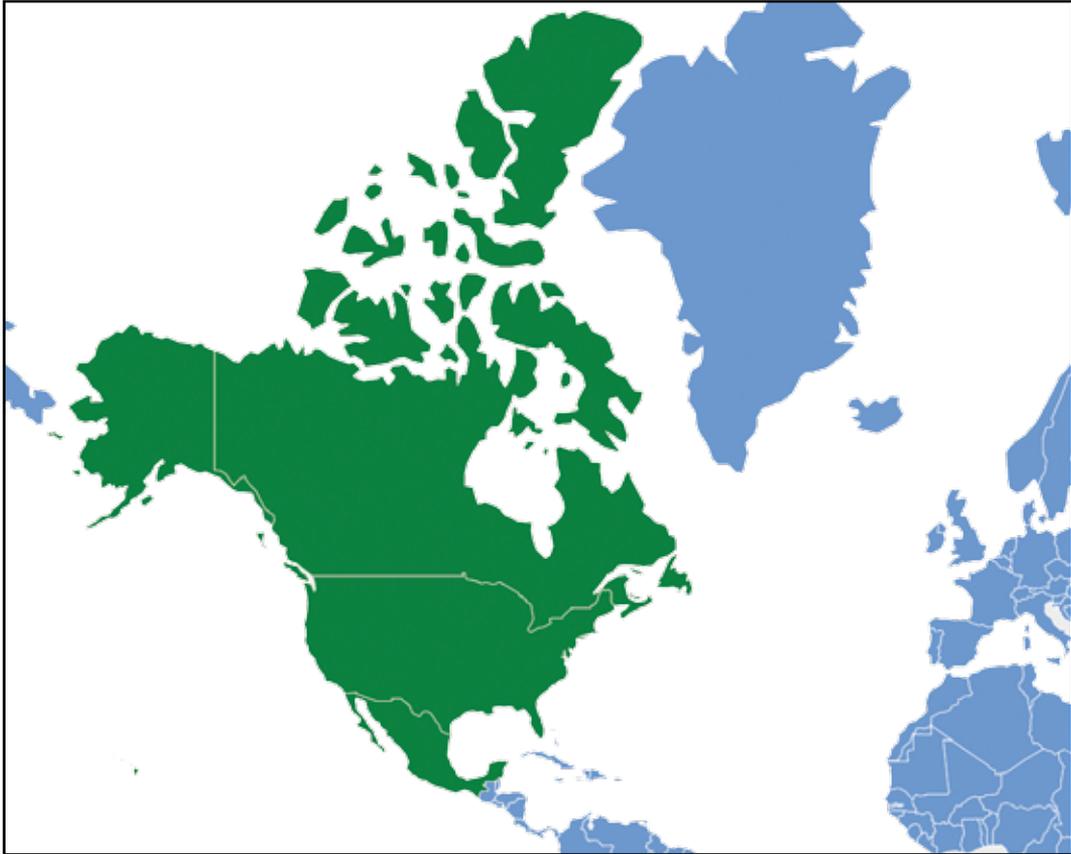


EMHF - European & Mediterranean Horseracing Federation



Regional Federations

North America



OSAF Organización Sudamericana de Fomento del Sangre Pura de Carrera



General Assembly & Annual Conference

The General Assembly and the Annual Conference were held in the offices of France Galop on the Monday after the Prix de l'Arc de Triomphe, 3 October 2017.

Press release from the 50th IFHA Conference

50th IFHA Conference Commemorates Accomplishments, Looks Toward Future

During the 50th Conference of the International Federation of Horseracing Authorities (IFHA), Chairman Louis Romanet commemorated the accomplishments of the past 50 years of the annual forum as well as addressed the core opportunities and challenges to international horse racing for the future.

The first Conference, held in 1967, was chaired by Romanet's father, Jean Romanet, and there were 14 attendees from nine countries. Today's Conference, held in the offices of France Galop, convened delegates from 52 different countries with a number of other racing executives and media members in attendance.

Romanet first discussed the achievements of the IFHA throughout the decades. The most recent milestone touched upon was the IFHA's partnership with Longines, which began three years ago. The partnership has transformed the Federation's approach to external communication and also has led to the most prestigious awards in international horse racing. Those awards include the Longines World's Best Racehorse, Longines World's Best Jockey, Longines World's Best Horse Race, and the Longines and IFHA International Award of Merit.

With a look toward the future, Romanet then addressed a number of issues, including the need to work alongside the International Stud Book Committee and stud books around the world to monitor any developments that threaten the Thoroughbred breed, such as genetic and cellular manipulation; the desire to eradicate

raceday medication on all continents and have out of competition testing; the importance of advancing progressive horse welfare policies; providing aftercare solutions; and facilitating the movement of horses in a responsible and efficient manner.

The Conference's keynote address was delivered by HRH Princess Haya Al Hussein, one of the most prominent leaders in equine sport. As President of the Fédération Equestre Internationale (FEI) from 2006 to 2014, HRH Princess Haya led the global equestrian sports governing body to a number of significant milestones.

HRH Princess Haya Al Hussein

"Together, over the last nine years, the FEI and IFHA have climbed some huge mountains, and while each Federation enjoys complete autonomy and individuality, both exist for one reason and one reason only—the horse. And no matter how many differences the industries believe they have, that shared jewel means that what affects one must affect the other. But also, what can be achieved together, is far greater than what can ever be done in isolation."

The other main sessions of the Conference were led by the three Vice-Chairmen of the IFHA. Horse Racing Ireland Chief Executive Brian Kavanagh oversaw the topic "Promoting and Attracting Racehorse Ownership", Jockey Club (USA) President and COO Jim Gagliano moderated a panel titled, "Providing Aftercare Solutions at a Global Level", and Hong Kong Jockey Club CEO Winfried Engelbrecht-Bresges chaired the session "Strategies to Secure and Grow Revenues for Racing."

Video replay and presentations from the Conference will be made available in the days following the Conference.

General Assembly & Annual Conference

1. STATUTORY MEETING, Chaired by Louis ROMANET

Introduction and approval of the Minutes of the 49th International Conference.

1.1 Introduction & Approval of the Minutes of the Minutes of the 2014 General Assembly by Louis ROMANET

1.2 2015 Accounts & 2015 Budget by Andrew CHESSER

1.3 Committee Progress Reports

- TAC, Andrew HARDING
- IRPAC, Carl HAMILTON

1.4 New Affiliate Member – Philippines Racing Commission, Dr Nonoy NILES Jr.

50TH INTERNATIONAL CONFERENCE

2. OPEN FORUM Chaired by Louis ROMANET

2.1 Lab Certification: Implementation of Certification Program, Dr Yves BONNAIRE

2.2 Progress Report on relations with OIE & FEI, Development of IHSC, Andrew HARDING

2.3 2nd Pan Am Conference in Washington DC, Horacio ESPOSITO & Jim GAGLIANO

PROMOTING & ATTRACTING RACEHORSE OWNERSHIP

Moderator's Introduction, Brian KAVANAGH

1. Attracting New Owners, a Global Approach, Olivier DELLOYE

2. An Owner's Perspective: Team Valor International, Barry IRWIN

PARTNERSHIP WITH IFHA AND THE HORSE RACING INDUSTRY, Juan Carlos CAPELLI

WHAT HAVE WE ACHIEVED DURING THE PAST 50 YEARS, AND WHAT ARE OUR MAIN CHALLENGES FOR THE FUTURE, Louis ROMANET

KEYNOTE SPEAKER, HRH PRINCESS HAYA BINT AL HUSSEIN

PROVIDING AFTERCARE SOLUTIONS AT A GLOBAL LEVEL

Moderator's Introduction, Jim GAGLIANO

1. Life After Racing: Different Perspectives, Roly OWERS

2. Global Best Practices, Jamie STIER

STRATEGIES TO SECURE AND GROW REVENUES FOR RACING

Moderator's Introduction, Winfried ENGELBRECHT-BRESGES

1. Presentation of Authorized Betting Partner Concept, Nick RUST

2. A Vision for Victorian Racing, Greg NICHOLS

CLOSING REMARKS, Louis ROMANET

Executive Council

The Executive Council defines the general policy direction of the Federation, fixes the level of annual contribution, drafts the annual budget and holds responsibility for the good management of resources and convening the Annual Conference.

In 2016, two Executive Council meetings were organized in March in Dubai and October in Paris. The following is a summary of the decisions and actions of 2016.

IFHA Reference Laboratory Program

The Executive Council commended and endorsed the continuing work undertaken by Dr Yves Bonnaire and Andrew Harding for the completion in 2017 of the appointment of IFHA reference laboratories and a white manual process in which to receive applications from potential labs.

Longines World's Best Horse Race Award:

It was agreed that beginning with 2016, the criteria and ratings would be limited to a single season of racing.

Membership:

Upon receipt of a membership application, the Philippines Racing Commission were accepted as an affiliate member of the IFHA.

Upon receipt of a membership application and endorsement from the European Horseracing Mediterranean Federation, and approval of both the Executive Council and General Assembly, the Jockey Club Espanol was accepted as a member of the IFHA

OIE & International Horse Sports Confederation

The Executive Council approved a measure for the IFHA to enter into a new partnership with the OIE through the International Horse Sports Confederation, a joint venture with the FEI. This collaboration would begin in 2017.

Appointments

Upon recommendation, Dr Lynn Hillyer, Irish Turf Club, was nominated and approved by the Executive Council to join the Advisory Council on Equine Prohibited Substances and Practices.

Publications

Upon the recommendation of the Advisory Council on Equine Prohibited Substances and Practices, a paper titled the Guidelines for Out of Competition Testing (OOCT) in Horseracing was approved to be published to the IFHA website.

International Agreement on Breeding, Racing and Wagering

Various updates were submitted by the Technical Advisory Committee and Advisory Council on Equine Prohibited Substances and Practices which were approved by the Executive Council. Those changes are summarized in the Committee Reports.

Technical Advisory Committee (TAC)

A key role of the Technical Advisory Committee (TAC) is to maintain and monitor the IFHA's International Agreement on Breeding, Racing and Wagering (IABRW). This voluntary agreement is designed for the guidance of Racing and Breeding Authorities, who are encouraged to adopt and enshrine its provisions within their local Rules of Racing. It identifies best practice across the full gamut of horseracing administration and the TAC constantly seeks improvements and aims to ensure that the document keeps pace with change. The IABRW facilitates the racing of horses internationally, and the work of the TAC serves to 'oil the wheels' of international competition and the resulting high levels of movement of people and horses around the globe.

The 15th annual meeting of the TAC was held in October 2016 in Paris prior to the IFHA Annual Conference. Twenty-four delegates, drawn from all of the IFHA's regional federations, attended.

The following are some of the changes recommended by the TAC in 2016 and subsequently approved by the IFHA's Executive Council:

A full review was undertaken of a number of Articles which all dealt, variously, with matters pertaining to suspensions and disqualifications and their international reciprocity. The outcome has been a rationalisation into a single new Article 10 of Articles previously numbered 10A (Riders Riding Abroad), 10B (Owners, Trainers and Riders Banned Abroad), 10C (Reciprocity of Penalties), 10D (Suspension of Horses) and 19 (Disqualified People and Horses). The underlying provisions of these Articles have been left very largely undisturbed. However, Racing Authorities have been given latitude to apply jockeys' suspensions imposed by other jurisdictions in such a way as most closely to mirror both the intention of the Authority which handed down the suspension, and the effect of the suspension on that country's domestically-licensed jockeys, even where there is great disparity between the frequency of racing in the two countries concerned. It is clear that many countries already adopt such an approach, on a pragmatic basis.

The TAC also addressed the matter of jockeys' insurance when riding abroad. A new paragraph has been added to Article 29, extending the scope of the attestation which a visiting international jockey must sign, prior to riding abroad. This now requires him additionally to state either that he has medical insurance cover in place or, failing this, acknowledges that he shall be responsible for his medical costs, should he be injured.

The TAC has also been surveying the measures taken by Racing Authorities in relation to their implementation of Article 6E 'Out of Competition Testing' (OOCT). The focus on OOCT has become sharper due to the emergence of major doping agents whose effects outlast their detectability, thereby potentially rendering raceday testing ineffective. Effective OOCT is linked to the ability of Racing Authorities to trace the whereabouts of Thoroughbreds and gain access to them, not only during their racing career, but also prior to it. Depending on their individual circumstances, Racing and Breeding Authorities around the world are engaged in developing arrangements to improve the traceability of, and access to, their Thoroughbreds, sometimes involving the earlier initial registration of foals.

Finally, moves have been made to bring greater precision and meaning to the lists of signatory countries beneath each Article of the IABRW. It was agreed that, henceforth, Racing Authorities be asked to consider afresh their signatory status to ALL the IABRW's Articles. This was in recognition of the fact that the established system involved member countries being requested to examine only those Articles which were new or had been amended in some way. Thus, there existed many Articles which Racing Authorities had not been asked to consider for several years, and it was important to confirm that their practices remained up to date. The option was also given to Racing Authorities for the first time to indicate where they were in support of a given Article, but had yet fully to reflect it within their Rules. It is considered that these changes will give each Racing Authority more information and certainty about the current practices in other countries.

Advisory Council on Equine Prohibited Substances and Practices

The Advisory Council on Equine Prohibited Substances and Practices (Advisory Council) deals with issues related to equine drug and medication control and prohibited practices; advises on ways to achieving international consistency in this area, makes recommendations on standards of testing and standards of research and also periodically recommends updates to Article 6 of the International Agreement on Breeding, Racing and Wagering (IABRW). In 2016, the Advisory Council met in October during the International Conference of Racing Analysts and Veterinarians (ICRAV) in Montevideo, Uruguay.

At the time of the meeting in 2016, the Advisory Council membership comprised Ed Houghton (UK), Chair; Terry Wan (Hong Kong) and Yves Bonnaire (France) representing the the Association of Official Racing Chemists (AORC); Craig Suann (Australia) and Rick Arthur (USA), representing the International Group of Specialist Racing Veterinarians (IGSRV); Brian Stewart (Australia), Chairman of the IGSRV; Barbara Morrissey (Canada), President of the AORC; Roland Devolz (France) and Andrew Harding (Hong Kong), representing the International Federation of Horseracing Authorities (IFHA); Bertrand Baudot (Mauritius) and Kanichi Kusano (Japan), representing the Asian Racing Federation (ARF); Dionne Benson (USA), representing the Racing Medication and Testing Consortium (RMTC); Mirtes de Souza (Brazil), representing the Organizacion Sudamericana de Fomento del Sangre Pura de Carrera (OSAF); and Ted Hill (USA) representing the American Jockey Club.

At the meeting in 2016 Charlie Russo, Operations Manager, Forensic Science Laboratory, Chem-Centre, Western Australia replaced Barbara Morrissey as incoming President of the AORC. The members of the Advisory Council extend their thanks to Barbara for the contributions she made during the period of her membership of the Advisory Council. Also in 2016, Dr Lynn Hillyer, Chief Veterinary Officer, The Turf Club, Ireland joined the Advisory Council as a representative of the Irish Turf Club.

Activities

A number of actions resulting from the Advisory Council meeting in Hong Kong in December 2015 were addressed in the early part of 2016 to allow recommendations to be forwarded for consideration by the Executive Council of the IFHA at its meeting in March, 2016 in Dubai

1. International Screening Limit for Cobalt in Plasma

The data from this international collaborative study was discussed at the Advisory Council meeting in December 2015 and it was decided that further evaluation of the data from the various administration and population studies was necessary to determine the threshold in plasma. Relevant data was forwarded to Dr Terry Wan from a number of organisations and as a result of evaluation of this data, the case for proposing a threshold of 0.025 microgram of total (free and protein bound) cobalt per millilitre in plasma was made in a presentation, "Establishment of an International Threshold in Plasma for Controlling the Misuse of Cobalt

in Racehorses" prepared by Dr Wan and his colleagues. This presentation was circulated to all members of the AORC and IGSRV early in 2016. The threshold was accepted by the memberships of AORC and IGSRV and the Advisory Council subsequently recommended this threshold for consideration by the Executive Council of the IFHA at its meeting in March, 2016 and the threshold was approved.

Twenty organisations world-wide have participated in the establishment of the thresholds in urine and plasma for cobalt and this demonstrates the effectiveness of these international collaborative studies in addressing major challenges to the racing industry. The Advisory Council expresses its thanks to these organisations for their contributions.

The inclusion of the International Threshold Values for cobalt in urine and plasma in Clause 16 Article 6A of the International Agreement on Breeding Racing and Wagering in 2016 is accompanied by the following recommendation:

“National Racing Authorities should provide an advisory regarding the use of cobalt containing supplements”.

At the meeting in October 2016 the Advisory Council discussed this matter and agreed to produce an advisory document. Taking into consideration information already published in the USA and Australia, Dionne Benson and Lynn Hillyer rapidly addressed this matter and a document was circulated for approval by the Advisory Council by the end of October 2016. The document was accepted with minor modifications and subsequently forwarded for consideration by the Executive Council of the IFHA at its meeting in May 2017 for inclusion on the IFHA website.

2. Modifications to Article 6 of the International Agreement on Breeding Racing and Wagering (IABRW)

As a result of discussions at the Advisory Council meeting in December 2015 a number of modifications to Article 6 of the IABRW and documents on the IFHA website were recommended for consideration by the Executive Council of the IFHA at its meeting in March, 2016. The most significant of these was the removal of the thresholds for theobromine from the table in Clause 16 of the IABRW and removal of the statement in Clause 14 that international thresholds can be adopted for “substances in equine feed arising from contamination during cultivation and, processing or treatment, storage, or transportation”.

The Advisory Council recommended that theobromine be controlled by International Residue Limits in urine and plasma. These recommendations were approved.

On-going Activities throughout 2016

1. Studies to determine thresholds for testosterone in plasma from female horses and prednisolone in urine

These are international collaborative studies and the aim was to complete the studies in time to allow thresholds to be proposed at ICRAV in October 2016. Throughout

2016 the Advisory Council was in regular contact with the coordinators of the studies, Dr James Scarth, LGC, UK (testosterone study) and Dr Marco Fidani, Unirelab, Italy (prednisolone study). In October 2016, prior to ICRAV, the Advisory Council reviewed the final reports for the studies and approved the proposed threshold at its meeting at ICRAV 2016. The thresholds were proposed at the Opening Business Session of ICRAV 2016 and during the Conference Drs Scarth and Fidani presented the data in support of the thresholds. The thresholds were approved by the delegates of ICRAV at the Closing Business of the Conference. Subsequent to ICRAV 2016 the Advisory Council requested summary reports of the data to support the thresholds for circulation to all AORC and IGSRV Members; there were no objections to the thresholds from the memberships of the two organisations. The proposed thresholds:

Testosterone: 100 picograms free testosterone per millilitre in plasma from fillies and mares (unless in foal); and

Prednisolone: 0.01 microgram free prednisolone per millilitre in urine

were forwarded for consideration of the Executive Council of the IFHA at its meeting in the May of 2017.

2. Guidelines for Out of Competition Testing in Horseracing

At the meeting in Hong Kong in December 2015, the Advisory Council discussed the document “International Federation of Horseracing Authorities (IFHA) - Guidelines for Out of Competition Testing (OOCT) in Horseracing” produced by the EHSLC. Early in 2016, members of the Advisory Council, Craig Suann and Brian Stewart, reviewed the document and a modified version was agreed by the Advisory Council and returned for consideration by the EHSLC. A final version was eventually agreed between the Advisory Council and the EHSLC and circulated to all AORC and IGSRV members for comment. Input from the AORC and IGSRV required

minimal modification of the document and the final version was forwarded for consideration by the Executive Council at its meeting in October 2016. The document was approved and is available on the IFHA website.

The Advisory Council Meeting – October 2016

The Advisory Council meeting was held in Uruguay in 2016, immediately prior to ICRAV, and again addressed a wide range of topics including: Updates relating to drug and medication control from representatives for Europe, the USA, Asia and Australia; International Harmonisation, Modifications to Article 6 of the IABRW; Certification of Reference Laboratories; Thresholds; Out of Competition Testing; Guidelines for a Laboratory Documentation Package; Supplements; Hair Analysis; Feed Contaminants; Anabolic Steroids; Glaucone; New Screening Limits; and the new Gene Doping Subcommittee. Outputs for a number of these topics were agreed and, where necessary, recommendations/documents were prepared for consideration for approval by the Executive Council of the IFHA at its meetings in 2017:

- New Screening Limits :

International Screening Limits (ISLs) were proposed for medetomidine in urine and plasma and for clenbuterol in urine.

Candidate therapeutic substances for the generation of additional International Screening Limits were discussed and representatives for Europe, the USA, Asia and Australasia were actioned to produce lists of the most commonly used therapeutic substances in these areas. The lists were produced by the end of 2016 and circulated for local discussion and consideration at the next meeting.

- Modifications to Article 6 and Documents on the IFHA Website :

The Advisory council recommended modifications to Clauses 3, 5, 16 and 17-19 of Article 6 of the IABRW and the documents

on the IFHA website, “International Screening Limits – Recommendation for their Application in the Control of Therapeutic Substances” in both urine and plasma.

- Guidelines for a Laboratory Documentation Package

Dr Terry Wan prepared a document, “Guideline on Laboratory Documentation Package” for consideration by the Advisory Council at the 2016 meeting. The purpose of the document is to provide guidelines for best practice in the compilation of the data package for reporting an adverse analytical finding. In the production of this document, Dr Wan reviewed the following:

- i. The RMTC document on Laboratory Documentation Packages;
- ii. The WADA Technical Document on Laboratory Documentation Package, TD2017LDOC (which now only requires confirmation data and not screening data to be submitted);
- iii. The FEI requirements on Laboratory Documentation Packages; along with a number of data packages from AORC horseracing laboratories.

The document was approved by the Advisory Council with minor revision and forwarded for endorsement by the Executive Board of the AORC. The Advisory Council intends to submit this document for consideration by the Executive Council of the IFHA for approval as an official IFHA document in 2017.

- New Gene Doping Subcommittee

The new Gene Doping Subcommittee of the Advisory Council was formed early in 2016 under the Chairmanship of Dr Kanichi Kusano (JRA). Members of the Subcommittee are Peter Webbon, Rick Arthur, Peter Curl, Natasha Hamilton, Teruaki Tozak and Roland Devolz.

Dr Kusano presented an overview of the Subcommittee and its function at the Advisory Council meeting. Terms of Reference and

the Mission Statement of the Subcommittee have been prepared and will be forwarded for consideration by the Executive Council in 2017.

Objectives for 2017

The primary objectives of the Advisory Council for 2017 are:

- to continue to foster international harmonisation and the coordination of international collaboration of research studies;
- to continue to encourage collaboration to establish International Thresholds;
- to establish further ISLs for the control of therapeutic substances;
- to advise on ways to achieving international consistency in analytical methodologies;
- to work with the IFHA Gene Doping Control Subcommittee to advance gene doping control activities;
- to work with the International Stud Book Committee with regard to “Regulatory Testing on Breeding Premises”; and
- to continue to work with the Welfare Committee on matters of common interest with regard to the welfare of the horse and the integrity of racing.

In addition, the Advisory Council will continue to work with the International Federation, its Executive Council, racing authorities of member countries and their analysts and veterinarians to provide veterinary and scientific advice to ensure the welfare of the horse and maintain the integrity of racing.

E Houghton

Chair, Advisory Council on Equine Prohibited Substances and Practices.

18.07.2017

International Race Planning Advisory Committee (IRPAC)

The main missions of the IRPAC are to control enforcement of international criteria for grading races and to implement quality control on existing pattern and grading systems. The committee held two meetings in 2016, the first on March 24, 2016 in Dubai and the second on October 1, 2016 in Paris.

Activities

The regional committees informed other members of the main developments in their respective regions. The following updates were approved for the International Cataloguing Standards (ICS) book:

- Korea was upgraded to be a Part II country. The committee recognized the strong commitment the Korean Racing Association has to racing in Korea, and improvements they have made to their racing program.
- Hong Kong was promoted to a Part I country as 17 additional races were opened to foreign-trained horses, and given International Group status. These are in addition to the 14 Group races previously included in Part I for Hong Kong.

IRPAC reviewed Ground Rules for Part I countries and an analysis of ratings for Group races in Part I countries. A survey of Part II countries was conducted to better understand quality control measurements within each Part II country.

Objectives 2017

The committee has the following objectives for 2017:

- Conduct a thorough review of the Guidelines for Consideration used to determine placement of countries or races in the ICS book, and update the Guidelines for Consideration as deemed appropriate.
- Instigate the development of rating systems for all Part II countries with a defined time frame for implementation.
- Prepare and review an analysis of ratings for Listed races in Part I countries.

International Movement of Horses Committee (IMHC)

The International Federation of Horseracing Authorities' (IFHA) International Movement of Horses Committee (IMHC) acts as an international platform to exchange information and best practices to facilitate the safe international movement of race horses for competition and breeding. Committee members are drawn from international jurisdictions and experts with a major involvement in the international movement of horses and meets annually, most recently in Hong Kong 12 - 13 December 2016. Committee meetings are also attended by representatives of the International Equestrian Federation (FEI) and the World Organization for Animal Health (OIE). The Committee members interact via electronic communication throughout the year on many matters and several members are involved in presenting racing views on international committees.

Achievements

OIE IHSC workshop in Southern Africa countries in July 2017

A one-day workshop was held in Johannesburg on 14th July 2017.

The overall objectives of the workshop has been arranged by the OIE and the International Horse Sport Confederation as follows:

- Improved biosecurity skills and awareness within the industry
- Traceability of all relevant competition horses
- Harmonisation of veterinary certificates, and improvement and harmonization of laboratory tests and vaccines
- Effective bureaucracy and controls by competent authorities
- Agreed tools such as bilateral agreements, EDFZ and HHP compartments adapted to the regional needs
- Shorter waiting times at borders.

International horse movement review and plan of roadmap for export of horses from South Africa (SA)

- HKJC representatives facilitated a meeting with SA officials and industry representatives in December 2016 in Hong Kong prior to IMHC meeting in planning a road map for export of horses from South Africa (SA).
- A workshop discussion was followed in IMHC meeting on presentations of South Africa (SA) roadmap for exports from SA to other countries, information on the AHS

outbreak in Paarl in 2016 and progress on measures taken to address the deficiencies highlighted in the 2013 FVO audit report by EU Commission.

- Follow up meeting with SA officials and representatives on updates of progress was held prior to OIE IHSC workshop in July 2017. It has been reported that SA horse industry and SA veterinary authority are in partnership to work towards inviting EU Commission for mission visit by June 2018 in an attempt to resume direct horse movement between SA and EU.

Temporary horse movement between Hong Kong and Korea

Successful bilateral agreement on Temporary horse movement for racing between South Korea and Hong Kong was established between AFCD and S. Korea veterinary authority in June 2016.

Successful temporary import of Hong Kong runner to race in South Korea was achieved in September 2016.

Conghua Training Centre – horse movement trials

Cross-border horse movement trials between Hong Kong and Conghua EDFZ have been tested successfully on 5 occasions over the period of February 2016 to July 2017. This has demonstrated good example of OIE Public Private Partnership between HKJC and HK AFCD with China veterinary authorities.

OIE IHSC Committee

The creation of the Committee was decided by the OIE Director General and the IHSC

Activity Reports

President and Vice-President in July 2016. The Committee is composed of FEI representatives, IFHA representatives, and OIE representatives (Status Department and World Fund). It is chaired by the OIE, which is also responsible for the secretariat of the Committee

The Committee reviewed and endorsed the draft terms of reference which defines the Committee's mandate as follows:

- Follow-up on activities carried out within the framework of the IHSC-OIE Collaboration Agreement, with particular regard to the development and implementation of the HHP concept and the research projects initiated to support the control of selected horse diseases;
- Examine new activities to be proposed for financial participation to the President of the IHSC;
- Foster information sharing between the OIE and the IHSC, in particular on international horse movement and other related issues.

LONGINES World's Best Racehorse Rankings Executive Committee

The LONGINES World's Best Racehorse Rankings Executive Committee is a Sub-Committee of the International Race Planning Advisory Committee (IRPAC). It comprises three members from Europe [Phillip Smith – Co-Chairman (GB), Eric Le Guen (France) and Garry O’Gorman (Ireland)], three from Asia [Nigel Gray – Co-Chairman (Hong Kong), Dr Kazuhito Matano (Japan) and Greg Carpenter (Australia)] and three from the Americas [Tom Robbins (USA), Steve Lym (Canada) and Diego Montano (Uruguay)].

The principal responsibilities of the Committee are to:

Administer and direct the compilation of the LONGINES World's Best Racehorse Rankings

Provide official ratings to international bodies, racing organisations and sales catalogues.

Co-ordinate the work of the international handicappers.

Publicise ratings throughout the world.

Advise any country on the implementation of a classification and ratings system.

Advise any country on integration into the LONGINES World's Best Racehorse Rankings.

Create, develop, improve and update the web site with all international rankings.

Provide advice and expertise to various Pattern Committees around the world.

The LONGINES World's Best Racehorse Rankings (LWBRR) are the official end of year assessment of the top thoroughbred racehorses.

From 2008 onwards, there has been one consolidated annual edition of the LWBRR, published each January. This includes all horses which have run during the preceding calendar year which have been rated at 115 or above by the Longines World's Best Racehorse Rankings Committee (LWBRR), which holds its annual conference in Hong Kong each December.

In addition to the full annual list, the LWBRR is published on an interim basis throughout the year, in each case encompassing the leading horses in

the world up to that point. There are nine interim publications from March to November, which are usually published on the second Thursday of each month, in addition to the annual edition published in January.

Activities

The annual meeting of the Executive Committee took place in Paris in October 2016. The main topics discussed were:

The assessment of race results when placings have been amended by the Stewards of a meeting.

Inconsistencies in the official recording of over-weights and in the judgement of the distances between horses in official results.

The levels of ratings around the world (by age, region, surface, sex and historically)

The proposed new European weight for age scale, due to be implemented in early 2017

The variation in fillies' allowances around the world.

The calculation of annual race ratings for Pattern races, in which fewer than four horses finish.

The Committee also conducted the annual LWBRR conference which took place in Hong Kong between 6th and 12th December 2016. The 2016 LWBRR were published on 24th January 2017 at a presentation lunch in London.

Arrogate (USA) was the highest rated horse in the world in 2016 with a rating of 134 in the Intermediate category. The Breeders' Cup Classic winner thus became the joint second highest USA trained horse in the history of the LWBRR, 1lb behind Cigar (USA) [135] and level with American Pharoah (USA) [134]. The highest rated miler in 2016 was California Chrome (USA) on 133. The champions in the Long distance category on 124 were the filly Found (IRE), trained in Ireland and Postponed (IRE), trained in Great Britain. The top sprinters on were Chatauqua (AUS) from Australia and the British-trained Limato (IRE) on 122. The champion stayer was Order of St George (IRE) [120] trained in Ireland. Special mention should

be made of the Australian mare Winx (AUS), the winner of six Group 1 races in 2016, and the third highest rated horse in the world on a rating of 132.

Objectives 2017

Among the objectives for 2017 are the following;

- The compilation of the 2017 LONGINES World's Best Racehorse Rankings
- The publication of the interim editions of the LWBRR
- Continued analysis of the level of ratings worldwide including by region and by surface. This will also take into account the relativity of historical levels

Committee for the Harmonisation of Raceday Rules

The Committee for the Harmonisation of Raceday Rules was formed in 2007 due to the IFHA recognizing that the increased coverage of horseracing around the world had accelerated international betting which highlighted the problem of different rules and the interpretation of those rules being difficult for punters and racing fans to comprehend and accept. The IFHA acknowledged that racing cannot run the risk of international customers becoming disenfranchised by different and conflicting decisions being arrived at depending on which jurisdiction the race was conducted in.

It was agreed that for racing to continue to prosper there was a need to make every endeavor for the same rules to apply no matter where in the world the sport takes place. The objective of the Committee is to encourage the maximum number of countries to adopt a common approach to the application of significant raceday rules.

The Committee's terms of reference are:

- To identify those rules, in consultation with the Executive Council of the IFHA, where a common approach would most benefit racing internationally.
- To encourage the harmonisation of raceday rules and regulations amongst member countries so as to promote the internationalization of racing.
- To draft proposed articles in respect of those rules, for approval by the Executive Council and subsequent inclusion in the International Agreement on Breeding, Racing and Wagering.
- To draft proposals, taking into account fairness, integrity, safety and welfare of horse and rider, commercial factors and the confidence of the betting public.

Activities

The Committee met in New York in June 2015
The Committee met in Hong Kong in December 2016.

Category 1 Protest/Objection Philosophy – Model Rule

2016 marked a significant achievement for the Committee.

Since its inception the Committee has remained committed to every major racing jurisdiction adopting the Category 1 protest/objection philosophy. At present the majority of member countries within the Asian Racing Federation together with Britain and Ireland fall into Category 1 meaning that their Rules provide, in general terms, that if a horse which causes interference finishes in front of the horse interfered with but irrespective of the incident(s) the sufferer would not have finished ahead of the horse causing the interference, the placings as semaphored by the Judge remain unaffected.

At the aforementioned meeting the Committee unanimously agreed on the following wording for a Model Rule in respect of the Category 1 protest/objection philosophy;-

"If, in the opinion of the Staging Authority's relevant judicial body, a horse or its rider causes interference and finishes in front of the horse interfered with but irrespective of the incident(s) the sufferer would not have finished ahead of the horse causing the interference, the judge's placings will remain unaltered.

If, in the opinion of the Staging Authority's relevant judicial body, a horse or its rider causes interference and finishes in front of the horse interfered with and if not for the incident(s) the sufferer would have finished ahead of the horse causing the interference, the interferer will be placed immediately behind the sufferer."

Racing Authorities may, within their Rules, provide for the disqualification of a horse from a race in circumstances in which the Staging Authority's relevant judicial body deems that the rider has ridden in a dangerous manner.

The Model Rule will be presented to the IFHA Technical Advisory Committee for

consideration at the next meeting in Paris on 28 September 2017. It is anticipated that the matter will subsequently be considered by the IFHA Executive Council for inclusion in the International Agreement on Breeding, Racing & Wagering.

Non-Runners – Model Rule

At the aforementioned meeting the Committee unanimously agreed on the following wording for a Model Rule to provide for horses which have been denied a fair start in a race started from barrier/starting stalls as well as any horse gaining an advantage at the start being declared a non-runner:-

A. In the event that it is established that a horse has been denied a fair start in a race started from barrier/starting stalls and which has materially prejudiced the chance of that horse being placed where betting and/or prizemoney is affected, such horse may be declared a non-runner. Circumstances which may lead to a horse being declared as a non-runner include, but are not limited to, the horse being riderless at the time the start of the race was effected; or, being compromised from beginning the race on equal terms with other runners due to mechanical fault of the barrier/starting stalls; or, any unreasonable actions of the Starter and/or any person assisting the Starter.

B. In the event that it is established that a horse has gained an unfair advantage at the start in a race started from barrier/starting stalls, such horse may be declared a non-runner.

As with the Model Rule in respect of the Category 1 protest/objection philosophy, the Model Rule will be presented to the IFHA Technical Advisory Committee for consideration at the next meeting. It is anticipated that the matter will subsequently be considered by the IFHA Executive Council for inclusion in the International Agreement on Breeding, Racing & Wagering.

Padded Whip

As the mandatory use of padded whips in races throughout all major racing jurisdictions has been achieved the Committee has unanimously agreed on the following wording for a Model Rule to be presented to the IFHA Technical Advisory Committee with the intention of the IFHA Executive Council agreeing to its inclusion in the International Agreement on Breeding, Racing & Wagering:-

“Only padded/shock absorbing whips/crops which have not been modified in any way may be carried in a race.”

Objectives for 2017

- To identify those rules where a common approach would most benefit racing internationally and continue to encourage the harmonisation of raceday rules and regulations amongst member countries so as to promote the internationalization of racing.
- To develop further model Rules which can be included in the Article within the International Agreement on Breeding, Racing & Wagering regarding the running of a race so as to promote the internationalization of racing.
- To continue to expand the number of jurisdictions contributing to the previously established International Gear Register.

Kim Kelly (Chairman)

18 July 2017

International Conference for the Health Safety and Welfare of Jockeys (ICHSWJ)

The International Conference for the Health, Safety and Welfare of Jockeys (ICHSWJ) is a biennial conference for racing administrators, racecourse doctors and researchers. The first conference was held in Tokyo in 2006 and the ICHSWJ was officially recognised as one of the sub-committees of the IFHA in 2009.

The main aims of the conference are to raise awareness of jockey's health, safety and welfare issues, to provide a forum for the sharing of information, to process strategies to deal with such issues on a global basis and to set up a more effective communication mechanism between the relevant personnel in the various authorities who are responsible for health, safety and welfare.

Activities

The 2017 conference, which is the 7th international conference, will be held in Dubai over two days in November 2017, courtesy of Al Basti Equiworld.

There will be presentations on all the main issues which impact on jockeys health, safety and welfare including bone health, sports science and medical support for jockeys, weight making and minimum riding weights, concussion and safety equipment. For the first time the conference will have a session which focuses on mental health issues affecting jockeys.

Updates will also be provided on various research projects being carried out throughout the world.

Objectives in 2017

The main objective in 2017 is the holding of the conference.

Horse Welfare Committee

The Executive Council established the 'Horse Welfare Committee' in 2010 to take a leading role in providing advice and guidance on this crucial area of our sport.

Terms of reference of the Committee are:

- To promote best practice, harmonisation and information exchange across Racing nations in all matters as they relate to the welfare of the horse, including establishing general guidance on and standards for the care and safety of horses;
- To raise awareness amongst participants and third parties of horse welfare and establish permanent contact with welfare organisations;
- To work with the International Movements of Horses Committee and the Advisory Committee on Equine Prohibited Substances and Practices.

Activities

The Committee's members are: Jamie STIER (GB) (Chairman), Dr. Craig SUANN (AUS) (Vice Chairman), Mr. Matt IULIANO (US), Dr Motoki Ito (JP), Dr Ted Hill (US), Dr. Paul-Marie GADOT (FR), Dr. Brian STEWART (AUS), Dr Alberto COSTA (AR), Dr Peter CURL (HK), Dr Rick ARTHUR (US), and ex-officio members are Dr. Roland DEVOLZ (IFHA), Mr Andrew CHESSER (IFHA), Dr Teresita ZAMBRUNO (ARG), Dr Kanichi KUSANO (JP), Andrew Harding (HK and IFHA institutional member), and Dr Anthony Kettle (Equine International Consultant, UAE)

During 2016 the Committee welcomed Dr Motoki Ito to the Committee to replace Dr Yoshiharu Ueno. The Committee, and the IFHA, thanks Dr Ueno for his dedicated efforts and contribution while serving on the Committee.

The Committee held several meetings, including by telephone conference. The focus of these meetings was to continue to review, discuss and refine the draft IFHA Principles of Good Practice Guidelines with a view to having them completed and submitted to the IFHA ExCo' for adoption. These guidelines aim to develop

a programme of work the basis of which will allow racing authorities to ensure that welfare is properly taken into account by all people in charge of horses at the different times of their life, and especially in training and racing.

At the Committee meeting held in Montevideo in October 2016 updated presentations were received from Committee members on each of the Principles of Good Practice for Horse Welfare documents requiring finalisation. It was agreed that the titles of the guideline documents should be amended to better reflect the subject and guidance contained in the document. It was also decided to merge two of the Good Practice documents – namely 'managing training and veterinary activities to optimise horse welfare' and 'strategies for reducing/preventing equine injuries during training' – into one document titled 'activities to minimise injury and other conditions associated with training and racing to optimise horse welfare', due to considerable crossover.

Final 'Principles of Good Practice' documents were received, and accepted, by the Committee on the following topics:

- Activities to minimise injury and other conditions associated with training and racing to optimise horse welfare.
- Racecourse and veterinary equine emergency care procedures.
- Monitoring injuries and fatalities.

Further presentations were received on the following topics:

- The use of the whip use in racing.
- Aftercare of racehorses.

In subsequent discussions it was agreed that, having received feedback from Committee members, further refinement on the final two documents on the Principles of Good Practice was required. When these documents were

completed all five documents would then be submitted to the IFHA ExCo' for adoption when they meet in Washington in May 2017.

The Committee held discussions on the results of the 'Global Horse Welfare Strategy' which was undertaken in 2016. It was noted that a number of countries failed to respond, and a number of those that did respond supplied incomplete data. It was agreed that these factors made the data unreliable and that the results of the survey should not be communicated with any other party.

The New South Wales Greyhound Commission report was considered by the Committee in terms of learnings for thoroughbred racing. It was agreed that key learnings are the necessity for constructive relationships with legitimate animal welfare organisations, lifecycle management and traceability of our horses, appropriate welfare codes of practice, and guidelines on the appropriate level of veterinary care. It was noted that Committee initiatives already addressed the requirements for that part of the horse's life while it is racing, however, further work is required on the pre-racing and post-racing phases of the horse's life. Key to addressing these requirements will be the development of a Code of Welfare Practice that will enable racehorse welfare to be objectively measured and audited.

Objectives 2017

Work will continue on finalising guidance documents for those remaining two welfare issues contained in the list requiring development of Principles of Good Practice for Horse Welfare Documents. All five Principles of Good Practice for Horse Welfare Documents will be submitted to the IFHA ExCo for their consideration, and adoption, when they meet in Washington in May 2017.

During 2017, the Committee will focus on developing the fundamentals which will underpin an appropriate Code of Welfare Practice that will enable the objective measurement of racehorse welfare.

The Committee will coordinate a 'Global Horse Welfare Survey' which will be conducted in conjunction with Falcon and Associates. The objective of the survey will be to identify those welfare and aftercare measures for thoroughbreds' already in place in the various countries. This will assist in identifying key areas of concern and directing future initiatives, ultimately leading to the production of an IFHA Principles of Good Practice for Horse Welfare Document.

Racing Business & Betting Forum

160 participants gathered in the French Football Federation building in Paris for the 9th edition of the Racing & Betting Forum, bringing together 10 guest speakers to discuss eSports, virtual racing, loyalty and e-payment.

What is eSport and what is its relevance to horse racing?

eSport represents a threat as well as an opportunity to traditional sports and betting. The global eSport market generated 325 million dollars in 2015 and is expected to grow to 500 million dollars this year. According to a recent report, eSport will have an audience of viewers nearing 150 million people by the end of this year.

Why is eSport so big?

- The competitive dimension
- The social dimension
- A new gaming sub-culture
- Big shows

There are now nearly 200 million people watching eSport in the world with \$55 million being wagered.

It's important to note that eSport games are owned by the Software publishers, and that all the rights around the products are owned by its publishers. However, 64% of eSport gamblers don't want to gamble any real money. They just want to gamble virtual money or skin. There is no common regulation on all the eSport games. In most countries, eSport platforms only offer virtual money.

eSport is a part of sports' future and a very fast-growing business. If you want to develop an eSport offer, you have to learn how to understand this eSport culture, digital native culture.

How can racing, which is traditional in the real world, can enter this virtual universe? Racing can sponsor eSport championship and teams as a first step to progressively bring its culture and brand into the eSport universe.

Virtual racing, is it an opportunity or threat?

Virtual racing is attracting new customers and many customers are coming to live racing afterwards. In between events these customers want to have a bet on something else. Virtual racing is complementary for the existing customers and we have not seen signs of cannibalisation for the other products.

In Australia, it is done differently with virtual racing taking place in one section of the betting shop with no interaction between the two, live and virtual. It is a good supplementary product to the live offering. For the percentage of the customer base who are not really interested in seeing the race (only results and odds), you can leverage this virtual engine. This model works best when you bring new customers into the betting shop and share the revenues from virtual with the racing industry. When virtual racing becomes competition only, it loses its value to the live sport. When the model is fashioned correctly, you can really bridge the gap between the virtual and real world.

Looking at the reality of fans and customer loyalty programmes

The need to personalise information becomes more important, to understand the customers. Racing must have CRM systems and processes, and also identify, monitor and respond their needs, habits, behaviours and expectations.

Customer loyalty plays an important role and racing organizers must consider whether to deliver experience or service benefits. The Hong Kong Jockey Club has roughly 4 million customers who have a relationship with the Club and they realize that any mismatch or inefficient customer management could be costly. The HKJC goes so far as to look at 400 variables, implementing over 800 programs in a aimed at all of their different customer groups.

In the past, the Club was able to observe customer behaviour. Now with big data and analytics, they are able to understand and predict customer behaviour. The HKJC has a very flexible loyalty program that offers a very broad range of services and incentives for their customers, with an increased emphasis on mobile.

Similarly, the UK Jockey Club has an award-winning loyalty scheme. With 1.8 million people visiting their racecourses, the Club realized the need to monitor and reward their most loyal customers. With a 2011 launch, the program now counts 1.1 million members among their 15 racecourses in the UK. The premise is simple, your activity earns points that can be redeemed and spent back with the Club. Similar to the HKJC, the UK Jockey Club is finding the data associated with their loyalty program extremely valuable, especially when speaking with sponsors. It has given them a better sense of their customer demographics.

The PMU shared its experience with the My PMU+ card which drives loyalty and cashless betting. My PMU+ now has a point based system that has recently seen a number of recent enhancements including a 2% rebate, a tiered status structure, and more branding aspects. The end result is principally that the more you play, the more you win.

The loyalty programme has recently launched a number of promotions, for instance offering 1 year of free bets and the opportunity to meet the French Football Federation team, the PMU's corporate partner. The PMU creates challenges, aimed at high level punters, with monetary incentives. In addition, there is targeted communication.

The benefits that the customers can obtain are user friendly, easy to manage, and often include rare and unique offerings, such as discounts to restaurants at the racetrack. Some discounts also apply in shops or with certain brands. All of the organizers at the Betting Forum felt that the next evolution in loyalty programs is

greater emphasis on mobile, integration with social media, and streamlined customer service resolved solely within program or social media channels. There was also consensus that there would be a greater importance for program organizers to data mine and to automate with an aim at personalized customer interaction.

Session on virtual payment for real betting

Racetrack and betting companies are now leveraging and increasing electronic payment mechanisms and other technologies. The foremost consideration is to create a streamlined process for the customer, while adhering to regulatory considerations. Virtual payment through contactless payment is becoming the standard with France as an example, 60% of the universal banking card being contactless.

Wearables are now more common and racetracks will need to take greater advantage on how to use such technology to identify a customer, and customize a service to them as a bettor.

The smartest approach is to simplify the life of the customer, from what is available in each individual country and marketplace. One of the more necessary approaches to ease the experience of the customer with regards to contactless betting is to augment wi-fi and mobile networks where possible.

Contactless payments, when coordinated with mobile devices and/or paper vouchers (where necessary) can eliminate queues, and leads to a more private and personalized customer experience. The collection of this information will drive loyalty through continual interaction between bettor and racetrack.

Many individuals who visit racetracks are coming there for the first time. If the experience is not intuitive and simple, they are likely not to return.

The 2016 Racing and Betting Forum also played host to the inaugural Racing & Betting Innovation Awards.

Activity Reports

Organisations were invited to submit an innovation; a new product, service or process that was introduced in the past year, with 22 received in total from 13 companies. An independent jury with knowledge and expertise in innovation and start-up business selected the best four entries. The winner was decided by the jury and those in attendance at the Racing and Betting Forum following a pitch from the finalists. The aim of the Innovation Award was to reward the submission that had the biggest overall impact on the business.

The four finalists

1. Syndicate shares online – ATG – Mikael Hagberg
2. hipigo “Entrez dans la course” - PMU – Thomas Roger
3. SportyMobile – SportyTech – Christophe Casanova
4. 5+ Lyntoto - Norsk Rikstoto – Carl Fredrik Stenstrom

The Forum attendees and jury would both select Syndicate Shares Online, ATG.

International Stud Book Committee

The International Stud Book Committee (ISBC) represents the 66 Approved Stud Books worldwide and works closely with emerging Stud Books to assist them in gaining ISBC Approval status.

Following a period of assessment, the Committee concluded in May of 2017 that the Stud Book of Kazakhstan was not operating in full compliance with the operational guidelines for Stud Books, the “Requirements and Guidelines for Gaining and Maintaining Approval as a Thoroughbred Stud Book”. Consequently, the Kazakhstan Stud Book was removed from the list of Approved Stud Books contained within Appendix 8 of the IFHA’s IABRW and moved to the “List of Stud Books Not Currently Operating or Approved” with dates of accepted Thoroughbred foal crops appended. In addition to the revocation of the Thai Stud Book’s Approved status in 2015 this has reduced the number of Approved Stud Books to the current total of 66.

Compliance outcomes since the commencement of the Compliance process in 2015:

Approved Status Revoked	Currently Under Assessment	Reinstated from Under Assessment
Kazakhstan	Ecuador	Bulgaria
Thailand	Panama	Jamaica

Format and Structure of ISBC Meetings

The 42nd annual ISBC meeting will take place at The Jockey Club Rooms, Newmarket on 26th September 2016. On the day prior to this year’s ISBC meeting the Technical Committee will meet, and for the first time a Regional Reviewer’s workshop will be held to strengthen and make more consistent the ISBC’s Compliance inspection and review procedures (see ISBC Compliance Inspections). The ISBC Agenda Committee has met throughout the year to ensure continued focus on the central issues concerning the International Stud Book community.

Meetings of the ISBC Agenda Committee every two months have facilitated ongoing review of the Requirements and Guidelines for Gaining and Maintaining Approval as a Thoroughbred Stud Book and close monitoring of technical issues between ISBC Conferences. This also allows for increased focus on strategic matters at the September ISBC Conference.

Matters considered by the Agenda Committee in the period since the September 2016 Conference include:

- Discussions on the Breeding Articles of the IABRW

- Practical approaches towards Stud Books Under Assessment
- Publication Review and Stud Book Inspection processes
- ISBC Mission and Purpose
- The public face of ISBC, online presence and social media
- Strengthening of regional relationships

This new structure allows for a much wider exploration of topics at the ISBC Conference, and in 2017 Members will examine in particular the possible future developments for the ISBC and Approved Stud Books worldwide; the potential impact of new technologies on the Thoroughbred and resulting consequences for laboratory protocols and procedures; and making advances in improvements for traceability and welfare.

Sub-Committees

The ISBC Sub-Committees on Genetics and Welfare are comprised as follows:

ISBC Sub-Committee on Genetics:-

- Dr Paul Marie Gadot
- Romy Morrin-O’Donnell
- Dr Peter Webbon

The Genetics Sub-Committee is tasked with facing the challenges posed by future developments in technology which could potentially impact on the integrity of the Thoroughbred, including advances in gene-editing.

ISBC Sub-Committee on Welfare:-

- Simon Cooper
- Dr Paul Marie Gadot
- Dr Peter Webbon

The Welfare Sub-Committee is focused primarily on the alignment of standards of traceability and welfare across all Approved Stud Books, authorities and jurisdictions.

Both Sub-Committees will convene in Deauville in August 2017 in conjunction with a meeting of the European area's Regional Reviewers, and discussions held there will feed directly into the ISBC Conference in September 2017.

Additionally, in March, Dr Peter Webbon was appointed as the ISBC Representative to the IFHA's Welfare Committee.

ISBC Mission and Purpose

The mission of ISBC has recently been revised to bring it into line with the current work and principal concerns of the committee:

"The mission of the ISBC is to develop and promote the highest standards of Stud Book operation to safeguard the integrity of the Thoroughbred breed."

A series of key focus points have also been identified by the ISBC Members and Secretariat to form the ISBC Purpose.

Future Developments for the ISBC

The ISBC Secretariat is exploring methods to bring the work of the International Stud Book Committee to the attention of the wider Thoroughbred Industry, with the intention of holding an International Conference in 2020.

The ISBC website will re-launch in late September following a complete redesign.

ISBC Compliance Inspections

As announced to the IFHA General Assembly

in October 2015, the ISBC asked all Approved Stud Books to sign a Declaration of Compliance to attest that they operate in full compliance with the list of Key Requirements within the Requirements and Guidelines for Gaining and Maintaining Approval as a Thoroughbred Stud Book. Nick Craven (Weatherbys) was appointed ISBC Compliance Liaison Director and commenced a programme of Compliance inspection visits in 2016 to take in each of the 66 active Approved Stud Books. Travel to some Stud Books has been deemed inadvisable due to political instability and visits to these Stud Books have been deferred in the hope that the political situation will stabilise in the interim, but for those Stud Books which it is deemed unsafe to inspect in person the ISBC Secretariat has developed a 'Remote Inspection' protocol. The aim is for completion of all possible visits within the next two years.

Visits completed to date include:

- Ireland (June 2016)
- Portugal (July 2016)
- Germany (September 2016)
- France (September 2016)
- Hungary (September 2016)
- Belgium & Luxembourg (December 2016)
- Spain (December 2016)
- Netherlands (January 2016)
- Cyprus (January 2017)
- Greece (February 2017)
- Oman (February 2017)
- UAE (February 2017)
- Qatar (February 2017)
- Bahrain (February 2017)
- Kenya (March 2017)
- South Africa (March/April 2017)

Full reports summarising any matters arising from the visits are being compiled by the Compliance Liaison Director and suggestions made for improvements and enhancements to existing systems and processes. Early

Compliance inspection visits have not highlighted any failings on the part of the Stud Books concerned. The ISBC Secretariat will take responsibility for following up on any required actions. In the event that a serious compliance failure is found the Stud Book will be placed “Under Assessment” and the relevant Regional Reviewer will work closely with the failing Stud Book in order to resolve the problem.

The process of placing Stud Books “Under Assessment” to resolve Compliance issues has been found to be successful, with the Stud Books of Jamaica and Bulgaria restored to fully Approved status after intensive work by the designated Regional Reviewer in each case. The Stud Book of Ecuador continues to work closely towards reinstatement to fully Approved status with their Regional Reviewer and the ISBC Secretariat, and is working hard to resolve issues of non-publication of foal crop details and parentage verification re-testing after the failure of the Chilean laboratory to reach ISAG Rank 1. Additionally, an inspection of the Stud Book of Panama in April 2017 by the Regional Reviewer exposed some administrative flaws and the Stud Book has been placed into the “Under Assessment” category, with a period of one year given to resolve the issues.

The assessment process has also been successful in dealing with Stud Books which have failed to reassure the ISBC that they are operating to the required standards. The Stud Book of Kazakhstan underwent a rigorous remote inspection and this identified some serious failings in registration documentation. Approved status has since been revoked after unanimous agreement was reached by ISBC Members. The placing of additional checks on foal crops of concern from a Stud Book which is no longer Approved gives further assurances on the horses exported from those jurisdictions, ensuring that the integrity of the Thoroughbred is maintained globally.

Lucy Rose

ISBC Secretary-General

Racing Statistics

The following statistics have been collected from IFHA member organizations through an annual statistical survey.

If there is no data shown for a specific country, it means that the racing authority in that country has not replied to the survey. If only specific data elements are missing regarding a country, it means that the local racing authority does not have that data available.

The racing statistics cover flat and jump races only; generally, we have excluded trotting races. This report will indicate by footnote the exceptional case where the figures for gallop and trotting could not be separated.

Nevertheless, the attached statistics provide a unique and comprehensive overview of Thoroughbred activity around the world.

Contents:

- Breeding
- Racing & Race Courses
 - Flat
 - Jump
- Prize Money
- Betting & Deductions
- Evolution

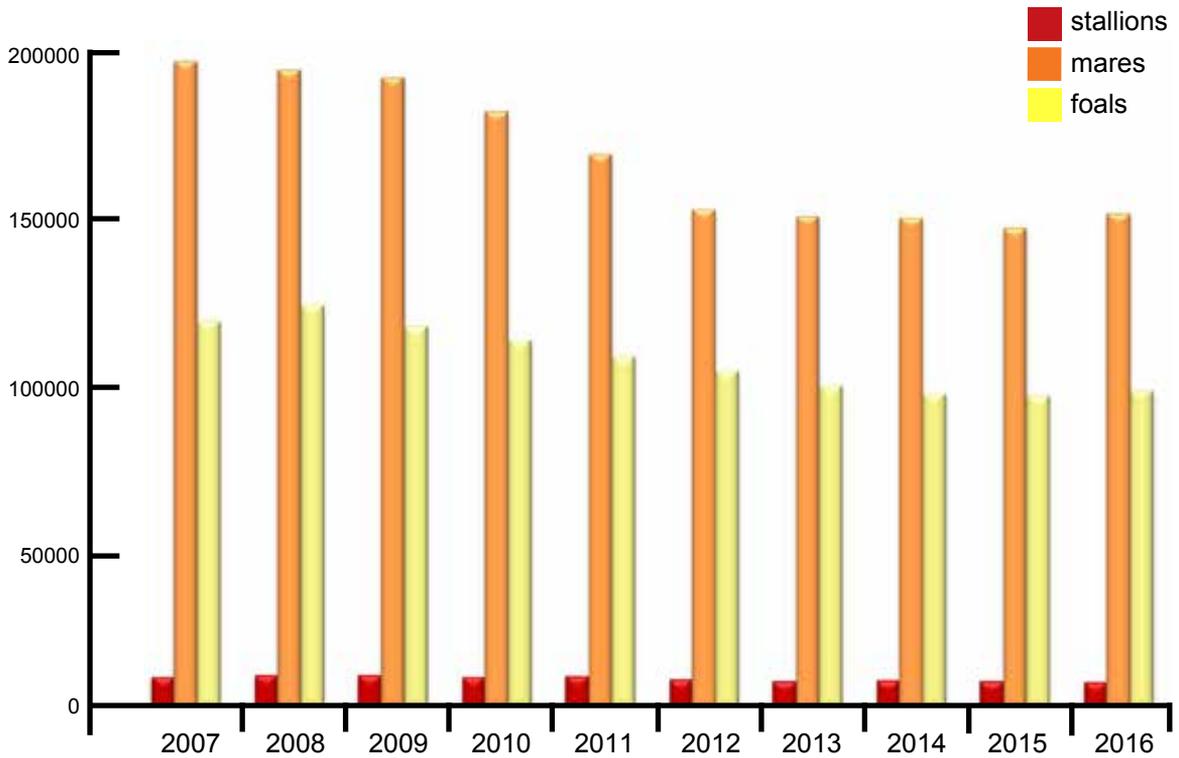
Appendix 1

Breeding 2014-2016

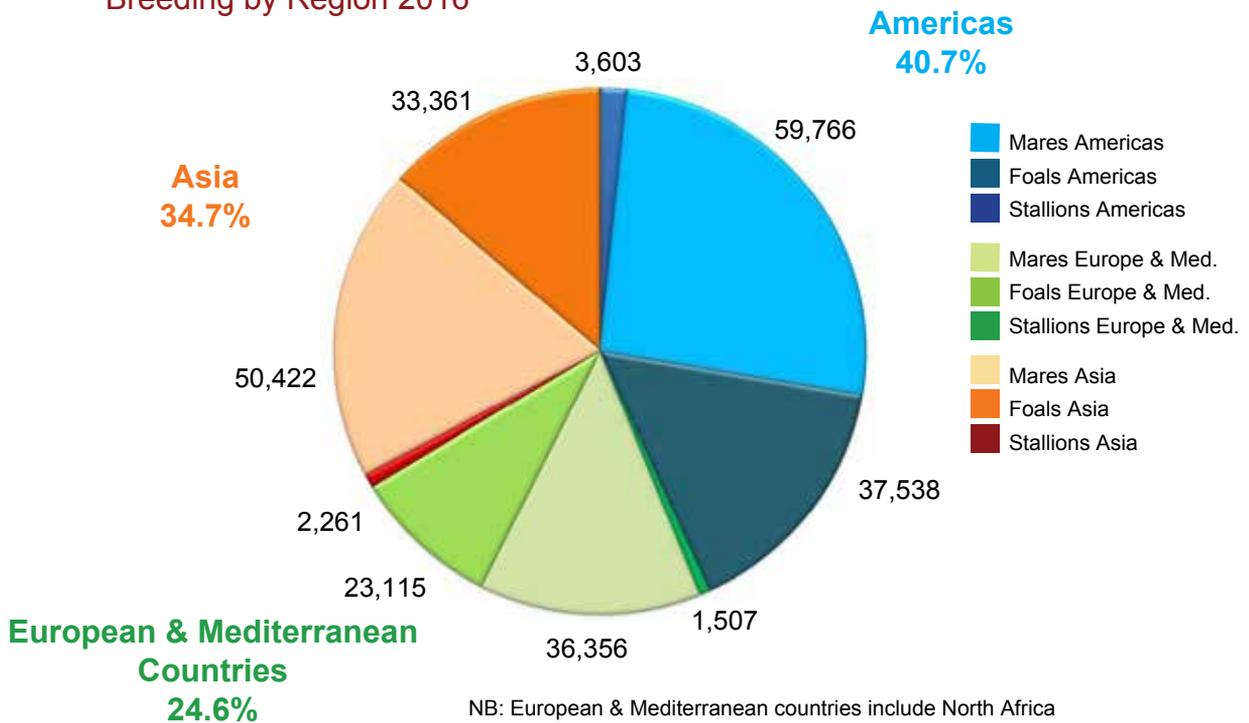
Country	Stallions			Mares			Foals			Total			Global 2016 (%)
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016	
ARGENTINA	718	833	704	12526	13156	12462	8028	7454	7405	21272	21443	20571	8.30%
AUSTRALIA	687	655	628	20353	19282	19281	13306	12638	12653	34346	32575	32562	13.13%
AUSTRIA	4	2	2	12	18	8	9	8	10	25	28	20	0.01%
AZERBAIJAN	6	6	6	26	28	25	12	16	5	44	50	36	0.01%
BAHRAIN	15	20	23	68	72	92	54	63	71	137	155	186	0.08%
BARBADOS	14	20	28	87	72	85	66	55	55	167	147	168	0.07%
BELGIUM	5	2	5	21	9	18	12	7	14	38	18	37	0.01%
BRAZIL	201	171	151	3089	2488	2188	2367	2060	1842	5657	4719	4181	1.69%
BULGARIA	24	25		78	67		49	24		151	116		
CANADA	194	160	138	1873	1733	1577	1525	1550	1350	3592	3443	3065	1.24%
CHILE	118	118	120	2169	2209	2306	1622	1626	1648	3909	3953	4074	1.64%
CHINA	27	49	23	205	165	66	30	48	51	262	262	140	0.06%
COLUMBIA	9	9	7	35	39	37	35	28	24	79	76	68	0.03%
CROATIA	12	7	9	26	18	24	18	6	11	56	31	44	0.02%
CYPRUS	33	33	40	199	202	199	122	127	155	354	362	394	0.16%
CZECH REPUBLIC	33	34	35	347	359	404	175	199	226	555	592	665	0.27%
DENMARK	13	14	14	180	160	185	118	101	125	311	275	324	0.13%
DOMINICAN REPUBLIC	27	27	29	72	187	163	73	60	70	172	274	262	0.11%
ECUADOR	18	17	15	95	100	80	72	78	76	185	195	171	0.07%
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
FRANCE	319	309	305	7441	7698	8088	4803	4874	5305	12563	12881	13698	5.52%
GERMANY	61	56	59	1425	1450	1450	748	864	851	2234	2370	2360	0.95%
GREAT BRITAIN	206	187	155	6643	7050	7524	4328	4569	4663	11177	11806	12342	4.98%
GREECE	10	15	13	49	39	51	30	10	27	89	64	91	0.04%
HUNGARY	36	35	40	209	167	200	126	128	111	371	330	351	0.14%
INDIA	80	83	84	2181	2109	1940	1433	1385	1331	3694	3577	3355	1.35%
IRELAND	226	210	246	10892	11720	14617	7999	8780	9381	19117	20710	24244	9.78%
ITALY	60	60	50	782	780	765	489	480	505	1331	1320	1320	0.53%
JAMAICA		45	53		689	664	323	123	237	323	857	954	0.38%
JAPAN	223	218	227	9251	9371	9482	6733	6564	6901	16207	16153	16610	6.70%
KAZAKHSTAN	9	8		24	35		38	35		71	78	0	0.00%
KENYA	9	9	9	73	74	57	44	37	26	126	120	92	0.04%
KOREA	76	73	74	1952	1916	1918	1372	1333	1406	3400	3322	3398	1.37%
LEBANON	2		2	4		3	0	2	2	6	2	7	0.00%
LITHUANIA	3	3	3	5	11	9	2	5	5	10	19	17	0.01%
MALAYSIA	1	0	0	2	0	0	3	0	0	6	0	0	0.00%
MEXICO	46	42	36	377	334	296	262	268	230	685	644	562	0.23%
MOROCCO	58	77	0	381	377	0	204	225	267	643	679	267	0.11%
NETHERLANDS	3	3	0	4	13	0	4	7	0	11	23	0	0.00%
NEW ZEALAND	126	132	132	5373	4944	5049	3561	3774	3464	9060	8850	8645	3.49%
NORWAY	6	3	3	35	23	43	29	27	28	70	53	74	0.03%
OMAN	2	1	0	2	1	0	1	1	0	5	3	0	0.00%
PANAMA	86	82	81	251	294	298	191	222	232	528	598	611	0.25%
PARAGUAY	23	20	19	104	93	113	42	59	50	169	172	182	0.07%
PERU	57	63	62	895	830	886	614	561	546	1566	1454	1494	0.60%
PHILIPPINES	102	89	104	1224	1116	990	564	451	505	1890	1656	1599	0.64%
POLAND	65	65	65	403	373	347	263	268	245	731	706	657	0.26%
PORTUGAL	1	0		4	0		4	2		9	2		
PUERTO RICO	50	47	48	359	354	356	325	350	220	734	751	624	0.25%
QATAR	20	24	28	190	194	220	102	109	91	312	327	339	0.14%
ROMANIA	9	10	10	52	47	45	6	5	0	67	62	55	0.02%
RUSSIA	202	231	287	1214	1221	1510	837	551	584	2253	2003	2381	0.96%
SAUDI ARABIA	262	307	401	2743	2177	4648	1646	1698	1925	4651	4182	6974	2.81%
SERBIA	12	14	12	41	40	35	52	19	19	105	73	66	0.03%
SLOVAKIA	7	9	10	46	51	39	17	24	37	70	84	86	0.03%
SLOVENIA	6	4	4	17	14	9	7	6	7	30	24	20	0.01%
SOUTH AFRICA	78	76	42	2258	2811	1308	2903	3183	3163	5239	6070	4513	1.82%
SPAIN	40	36	25	144	74	125	138	104	110	322	214	260	0.10%
SWEDEN	23	23	23	221	244	234	178	187	206	422	454	463	0.19%
SWITZERLAND	4	3	3	29	21	11	25	14	16	58	38	30	0.01%
SYRIA	2	0	7	4	0	5	0	0	1	6	0	13	0.01%
THAILAND	32			742			160			934			0.00%
TRINIDAD & TOBAGO	23	27	19	200	184	139	126	103	91	349	314	249	0.10%
TUNISIA	18	19	38	128	120	166	71	62	67	217	201	271	0.11%
TURKEY	295	285	484	2250	2350	5404	1698	1684	1792	4243	4319	7680	3.10%
UAE	2	1	1	4	1	1	1	2	1	7	4	3	0.00%
UKRAINE	26	41	33	175	243	185	99	134	111	300	418	329	0.13%
URUGUAY	337	336	357	2924	2820	2928	1747	1650	1610	5008	4806	4895	1.97%
USA	2034	1789	1545	35577	35801	33602	20450	20600	20850	58061	58190	55997	22.58%
UZBEKISTAN	6		4	15		18	4		2	25			0.00%
VENEZUELA	188	204	191	1902	1896	1586	1080	1078	1002	3170	3178	2779	1.12%
ZIMBABWE	8			55			45			108			0.00%
TOTAL	7,738	7,576	7,371	142,737	142,534	146,564	93,620	92,765	94,014	244,095	242,875	247,949	100.00%

Breeding 2007-2016

Total amount of horses involved in breeding (mares, stallions, foals)



Breeding by Region 2016



NB: European & Mediterranean countries include North Africa
 Asia Includes Australia, Madagascar, Mauritius, New Zealand, and South Africa

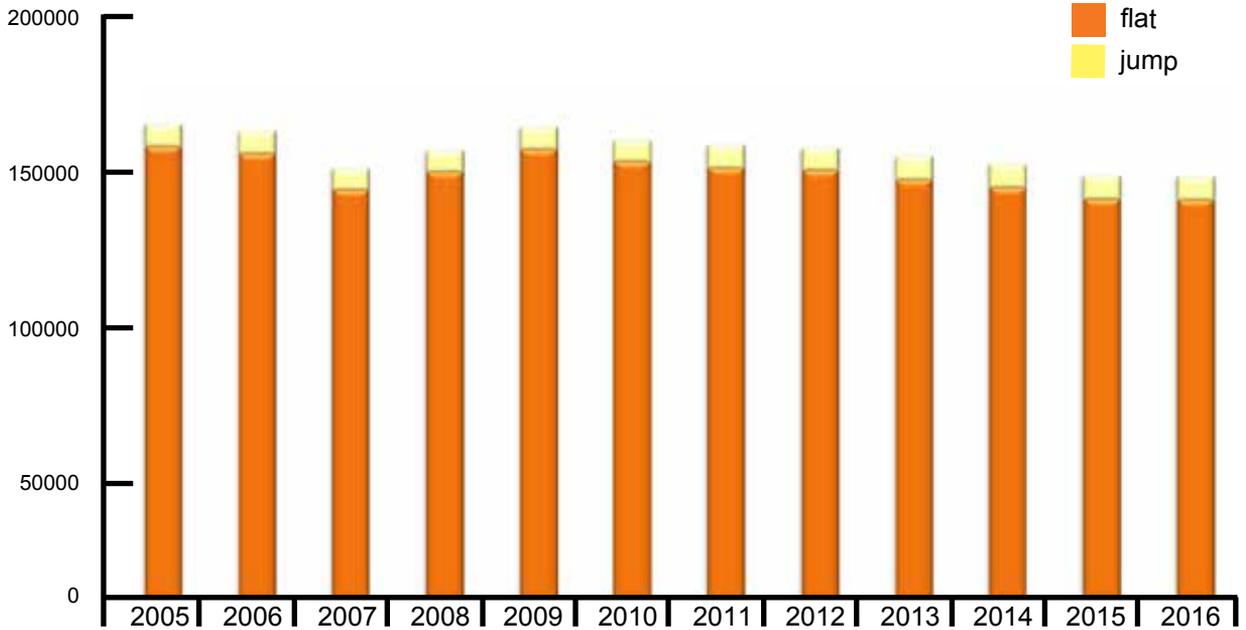
Appendix 1

Racing flat & jump 2016

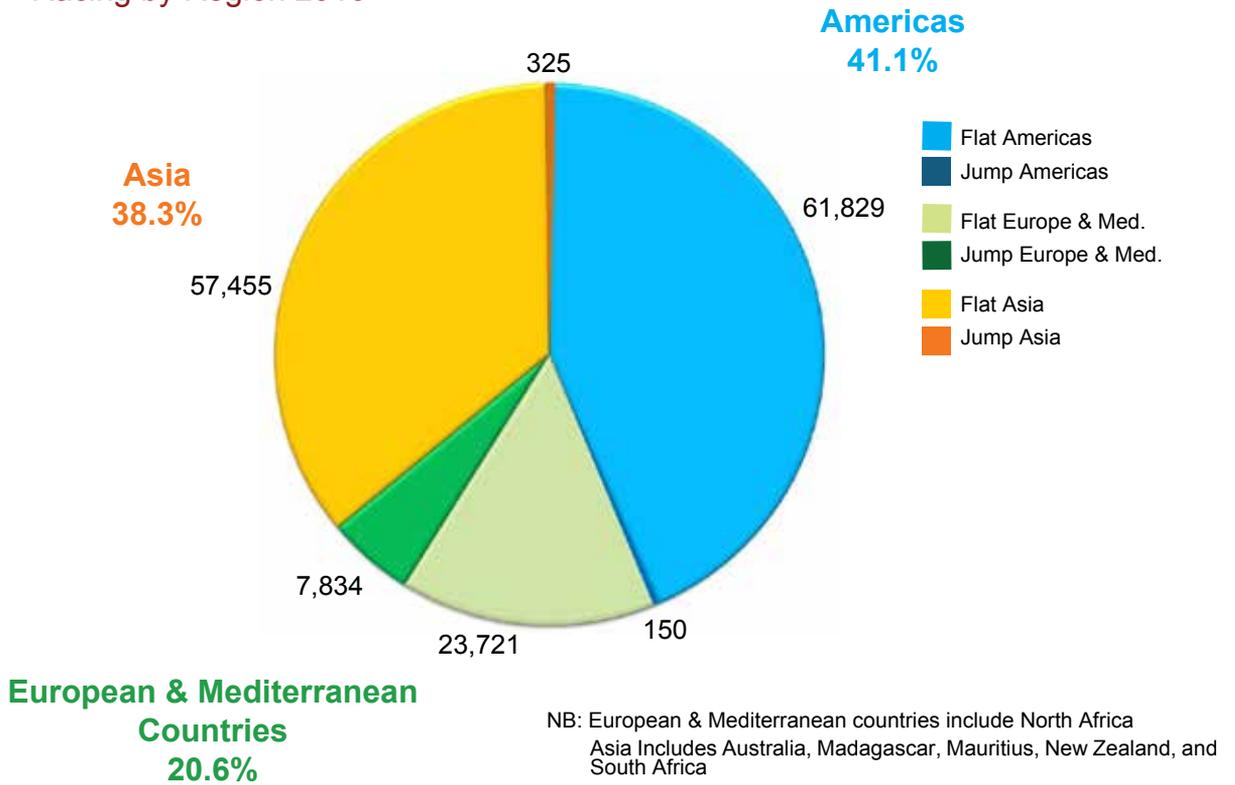
Country	Racing Flat 2016				
	Flat races	Individual Runners	Starts	Average Runners per race	Average Starts per horse
ARGENTINA	5429	11667	56670	10.44	4.86
AUSTRALIA	19303	35646	185471	9.61	5.20
AUSTRIA	12	51	73	6.08	1.43
BAHRAIN	26	346	1623	62.42	4.69
BELGIUM	167	412	1659	9.93	4.03
BRAZIL	2620	5053	19537	7.46	3.87
CANADA	3242	4727	24,094	7.43	5.10
CHILE	5110	4164	57420	11.24	13.79
CROATIA	1	5	1	1.00	0.20
CYPRUS	961	1130	8974	9.34	7.94
CZECH REPUBLIC	309	803	3001	9.71	3.74
DENMARK	241	508	1907	7.91	3.75
FRANCE	4983	10193	52833	10.60	5.18
GERMANY	1204	2147	10755	8.93	5.01
GREAT BRITAIN	6284	10990	57606	9.17	5.24
GREECE	293	344	2051	7.00	5.96
HONG KONG	806	1275	10003	12.41	7.85
HUNGARY	281	474	2479	8.82	5.23
INDIA	2559	5817	24870	9.72	4.28
IRELAND	1152	3154	12801	11.11	4.06
ITALY	2757	3434	20916	7.59	6.09
JAPAN	16218	22670	175148	10.80	7.73
KOREA	1917	3519	20827	10.86	5.92
LEBANON	366	286	1990	5.44	6.96
MACAU	404	460	4314	10.68	9.38
MALAYSIA	668	821	7068	10.58	8.61
MAURITIUS	285	400	2263	7.94	5.66
MEXICO	962	866	6874	7.15	7.94
MOROCCO	1893	2471	17557	9.27	7.11
NEW ZEALAND	2683	5120	28708	10.70	5.61
NORWAY	250	500	2173	8.69	4.35
OMAN	161	568	2454	15.24	4.32
PANAMA	1370	864	10164	7.42	11.76
PERU	1944	1764	19248	9.90	10.91
POLAND	535	809	4152	7.76	5.13
QATAR	402	895	4849	12.06	5.42
SAUDI ARABIA	608	2206	9565	15.73	4.34
SERBIA	146	212	982	6.73	4.63
SINGAPORE	909	1401	9998	11.00	7.14
SLOVAKIA	138	411	1210	8.77	2.94
SOUTH AFRICA	3843	6697	42472	11.05	6.34
SPAIN	442	748	3848	8.71	5.14
SWEDEN	605	1139	5253	8.68	4.61
SWITZERLAND	143	296	1202	8.41	4.06
TUNISIA	474	730	4347	9.17	5.95
TURKEY	5386	6000	53709	9.97	8.95
UAE	401	1336	4865	12.13	3.64
USA	38134	48332	297631	7.80	6.16
URUGUAY	1575	2938	16537	10.50	5.63
VENEZUELA	1443	2138	13614	9.43	6.37
URUGUAY	1565	2633	19748	12.62	7.50
VENEZUELA	2396	2717	18699	7.80	6.88
Total	142045	218937	1327766	9.35	6.06

Country	Racing Jump 2016				
	Jump races	Individual Runners	Starts	Average Runners per race	Average Starts per horse
	90	250	670	7.44	2.68
	4	35	35	8.75	1.00
	148	515	1366	9.23	2.65
	2188	4989	21076	9.63	4.22
	22	79	185	8.41	2.34
	3751	8544	32010	8.53	3.75
	10	22	63	6.30	2.86
	1425	4430	10035	7.04	2.27
	165	312	1187	7.19	3.80
	128	505	1579	12.34	3.13
	107	293	979	9.15	3.34
	7	23	47	6.71	2.04
	30	108	245	8.17	2.27
	25	90	181	7.24	2.01
	24	59	159	6.63	2.69
	35	54	208	5.94	3.85
	150	401	1153	7.69	2.88
Total	8309	20709	71178	8.57	3.44

Number of Races 2005-2016



Racing by Region 2016



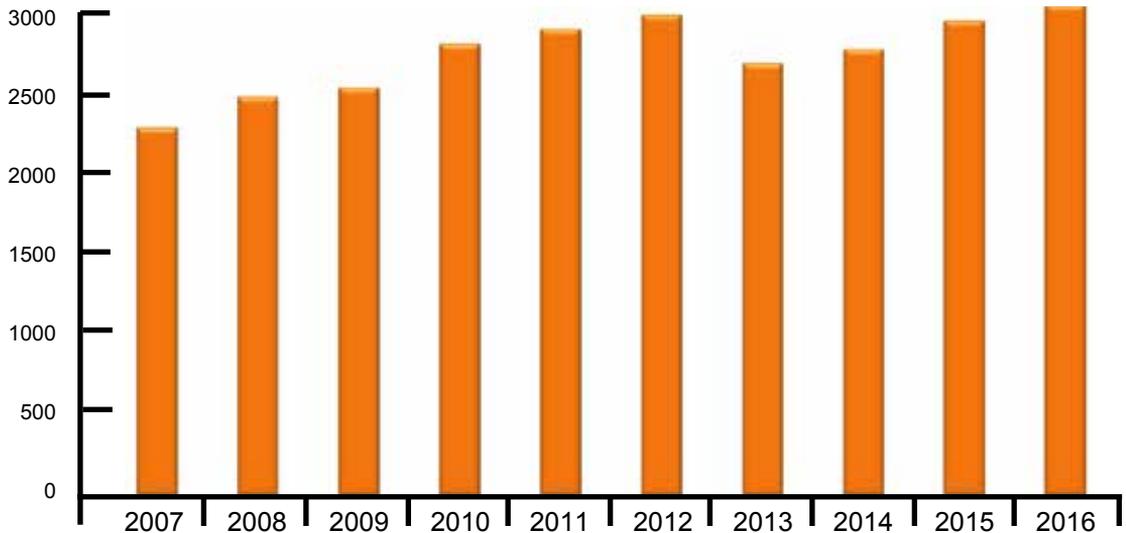
Appendix 1

Prize money in 2016

Country	Flat			Jump		
	Number of Races	Prize money (in Euros)	Average prize money per race (in Euros)	Number of Races	Prize money (in Euros)	Average prize money per race (in Euros)
ARGENTINA	5429	51,938,469.07 €	9,566.86 €			
AUSTRALIA	19303	389,641,413.15 €	20,185.54 €	90	102,765.00 €	1,142 €
AUSTRIA	12	43,200.00 €	3,600.00 €			
BAHRAIN	26	1,379,272.91 €	53,048.96 €			
BELGIUM	167	916,000.00 €	5,485.03 €	4	202,000.00 €	50,500 €
BRAZIL	2620	16,679,708.71 €	6,366.30 €			
CANADA	3242	49,574,809.50 €	15,291.43 €			
CHILE	5110	29,022,937.36 €	5,679.64 €			
CROATIA	1	1,987.50 €	1,987.50 €			
CYPRUS	961	6,543,094.00 €	6,808.63 €			
CZECH REPUBLIC	309	930,809.00 €	3,012.33 €	148	728,592.90 €	4,923 €
DENMARK	241	1,755,574.70 €	7,284.54 €			
FRANCE	4983	121,729,100 €	24,428.88 €	2188	68,934,921.00 €	31,506 €
GERMANY	1204	13,592,466.00 €	11,289.42 €	22	180,398.00 €	8,200 €
GREAT BRITAIN	6284	107,869,539.74 €	17,165.74 €	3751	52,850,832.00 €	14,090 €
GREECE	293	2,112,838.00 €	7,211.05 €			
HONG KONG	806	139,440,467.30 €	173,003.06 €			
HUNGARY	281	804,547.20 €	2,863.16 €	10	20,944.00 €	2,094 €
INDIA	2559	16,217,594.01 €	6,337.47 €			
IRELAND	1152	29,539,000.00 €	25,641.49 €	1425	27,278,000.00 €	19,142 €
ITALY	2757	29,978,164.00 €	10,873.47 €	165	2,870,572.00 €	17,397 €
JAPAN	16218	664,473,885.30 €	40,971.38 €	128	22,966,335.00 €	179,424 €
KOREA	1917	152,586,400.00 €	79,596.45 €			
LEBANON	366					
MACAU	404	13,612,826.76 €	33,695.12 €			
MALAYSIA	668	5,064,777.81 €	7,582.00 €			
MAURITIUS	285	2,138,400.00 €	7,503.16 €			
MEXICO	962	2,962,846.00 €	3,079.88 €			
MOROCCO	1893	10,599,400.00 €	5,599.26 €			
NETHERLANDS						
NEW ZEALAND	2683	33,921,510.12 €	12,643.13 €	107	1,624,775.13 €	15,185 €
NORWAY	250	288,270.87 €	1,153.08 €	7	8,697.90 €	1,243 €
OMAN	161	1,994,335.07 €	12,387.17 €			
PANAMA	1370	8,177,740.00 €	5,969.15 €			
PERU	1944	6,771,701.00 €	3,483.39 €			
POLAND	535	2,117,554.00 €	3,958.04 €	30	230,259.00 €	7,675 €
QATAR	402	13,103,163.45 €	32,594.93 €			
SAUDI ARABIA	608	2,608,663.50 €	4,290.56 €			
SERBIA	146	220,700.70 €	1,511.65 €			
SINGAPORE	909	40,483,470.00 €	44,536.27 €			
SLOVAKIA	138	686,300.00 €	4,973.19 €	25	56,190.00 €	2,248 €
SOUTH AFRICA	3843	28,462,944.37 €	7,406.44 €			
SPAIN	442	5,501,610.00 €	12,447.08 €			
SWEDEN	605	7,511,946.39 €	12,416.44 €	24	209,295.30 €	8,721 €
SWITZERLAND	143	1,611,511.81 €	11,269.31 €	35	398,100.38 €	11,374 €
TUNISIA	474	1,588,179.60 €	3,350.59 €			
TURKEY	5386	91,336,344.98 €	16,958.10 €			
UAE	401	50,252,440.21 €	125,317.81 €			
USA	38134	853,552,913.19 €	22,382.99 €	150	5,379,603.35 €	35,864 €
URUGUAY	1575	12,444,250.48 €	7,901.11 €			
VENEZUELA	1443	84,190,959.72 €	58,344.39 €			
TOTAL	142045	3,107,976,037 €	21,880 €	8309	184,042,280.96 €	22,150 €

Please note Venezuelan inflation rate of 274% in 2016.

Prize money 2007-2016 (x 1 million euro)



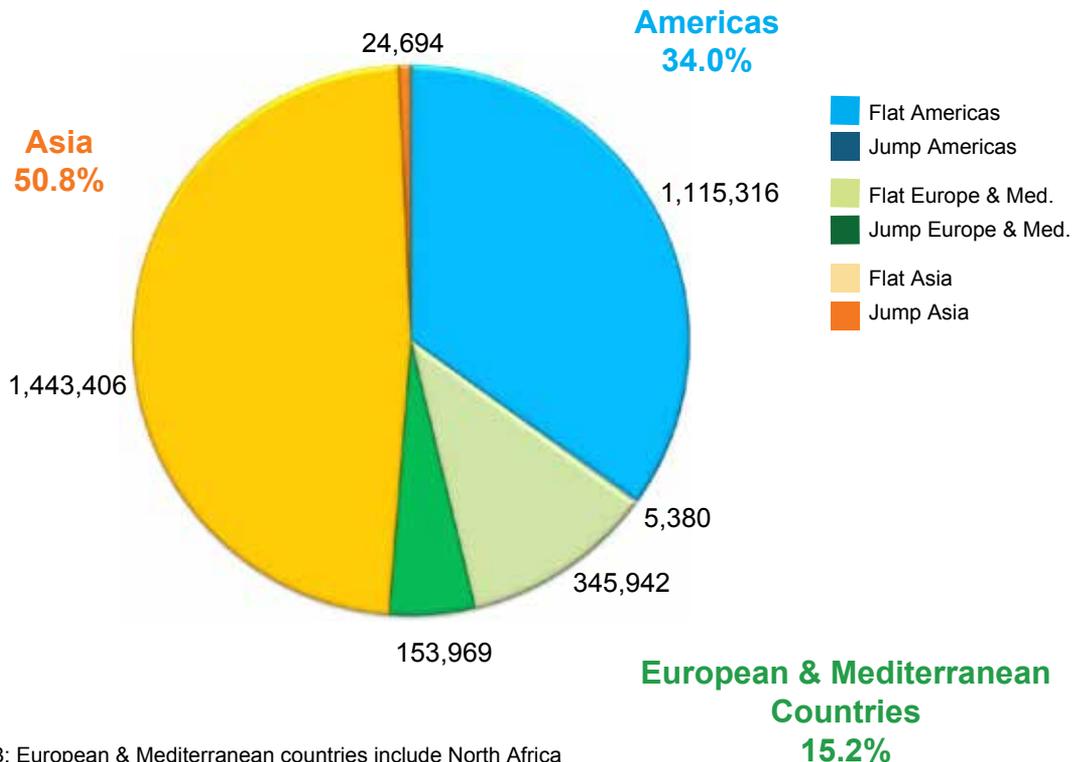
Note 1: The depreciation of the Japanese Yen against Euro had a considerable impact on global total prize money figures in 2013.

Note 2: Prize money does not include breeders' premiums, owners' premiums and travel allowances.

Note 3: Prize money does not cover trotting races.

Note 4: The depreciation of Euro against some currencies had a considerable impact on total amount of prize money figures in 2010.

Prize Money by Region 2016 (in Euro x 1000)



NB: European & Mediterranean countries include North Africa
 Asia Includes Australia, Madagascar, Mauritius, New Zealand, and South Africa

Appendix 1

Betting & deductions (in Euros)

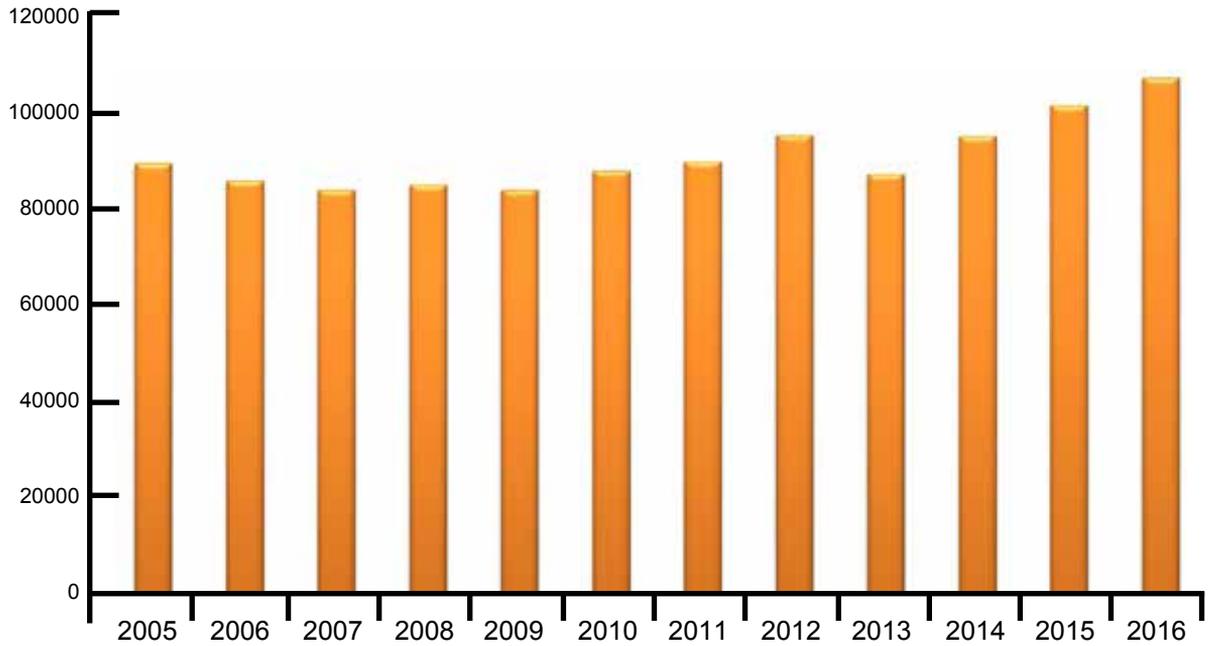
Country	Betting Turnover	Return to Customers	%	Total Deductions	%
ARGENTINA	161,396,466 €	116,205,456 €	72.0%	45,191,011 €	28.0%
AUSTRALIA - Tote	10,000,939,078 €	8,600,807,607 €	86.0%	1,400,131,471 €	14.0%
AUSTRALIA - Bookmakers	6,105,953,750 €	5,495,358,375 €	90.0%		
BRAZIL	87,746,592 €		0.0%		0.0%
CANADA	906,259,537 €		0.0%		0.0%
CHILE	270,706,481 €		0.0%		0.0%
CYPRUS - Tote	33,676,482 €	23,928,191 €	71.1%	9,748,291 €	28.9%
CZECH REPUBLIC - Tote	77,877 €	53,797 €	69.1%	24,080 €	30.9%
CZECH REPUBLIC - Bookmakers	873,819 €	591,639 €	67.7%		
FRANCE	8,950,528,721 €	6,527,480,952 €	72.9%	2,423,047,769 €	27.1%
GERMANY - Tote	42,005,100 €	30,243,672 €	72.0%	11,761,428 €	28.0%
GERMANY - Bookmakers	26,463,213 €		0.0%		0.0%
GREAT BRITAIN - Tote	590,529,120 €		0.0%		0.0%
GREAT BRITAIN - Bookmakers	11,940,814,400 €	10,476,270,880 €	87.7%		
GREECE	38,562,504 €	29,070,179 €	75.4%	9,492,325 €	24.6%
HONG KONG	14,364,907,517 €	12,019,965,409 €	83.7%	2,344,942,108 €	16.3%
HUNGARY	4,153,659 €	2,907,562 €	70.0%	1,246,098 €	30.0%
INDIA - Tote	552,459,293 €	460,515,461 €	83.4%	91,943,832 €	16.6%
INDIA - Bookmakers	29,692,280 €	20,521,367 €	69.1%		
IRELAND - Tote	92,285,089 €	86,119,515 €	93.3%	6,165,574 €	6.7%
IRELAND - Bookmakers	4,958,110,378 €	4,561,461,548 €	92.0%		
ITALY - Tote	512,902,102 €	357,009,133 €	69.6%	155,892,969 €	30.4%
ITALY - Bookmakers	94,971,666 €	80,166,634 €	84.4%		
JAPAN	25,564,875,118 €	19,157,146,174 €	74.9%	6,407,728,943 €	25.1%
KOREA	5,184,994,944 €	3,785,046,309 €	73.0%	1,399,948,635 €	27.0%
MACAU	131,116,761 €	110,145,836 €	84.0%	20,970,925 €	16.0%
MALAYSIA	86,199,134 €	68,200,754 €	79.1%	17,998,379 €	20.9%
MAURITIUS - Tote	46,140,544 €	34,605,408 €	75.0%	11,535,136 €	25.0%
MAURITIUS - Bookmakers	83,897,017 €	62,922,763 €	75.0%		
MEXICO	9,500,984 €	7,187,941 €	75.7%	2,313,043 €	24.3%
MOROCCO	608,877,904 €	421,945,865 €	69.3%	186,932,039 €	30.7%
NEW ZEALAND	293,835,348 €	252,326,000 €	85.9%	41,509,349 €	14.1%
NEW ZEALAND - Bookmakers	147,852,553 €	126,965,811 €	85.9%		
NORWAY	44,947,206 €	30,538,160 €	67.9%	14,409,046 €	32.1%
PANAMA	45,378,746 €	30,857,551 €	68.0%	14,521,195 €	32.0%
PERU	24,628,556 €	16,429,715 €	66.7%	8,198,841 €	33.3%
POLAND	3,142,368 €	2,325,353 €	74.0%	817,015 €	26.0%
SINGAPORE	844,130,400 €	659,025,600 €	78.1%	185,104,800 €	21.9%
SLOVAKIA - Tote	107,537 €	69,158 €	64.3%	38,379 €	35.7%
SLOVAKIA - Bookmakers	43,974 €	30,872 €	70.2%		
SPAIN - Tote	16,709,000 €	10,103,000 €		6,606,000 €	
SPAIN - Bookmakers	268,633,000 €	241,770,000 €			
SWEDEN	1,390,143,780 €	969,364,950 €	69.7%	420,778,830 €	30.3%
SWITZERLAND	118,224,981 €	88,668,736 €	75.0%	29,556,245 €	25.0%
TURKEY	1,198,903,720 €	599,451,860 €	50.0%	599,451,860 €	50.0%
USA	10,192,832,800 €		0.0%		0.0%
URUGUAY	24,782,249 €	17,667,489 €	71.3%	7,114,760 €	28.7%
VENEZUELA	439,347,110 €	162,838,906 €	37.1%	276,508,204 €	62.9%
TOTAL	106,535,260,858 €				

Betting & deductions (in Euros) (continued)

Country	Received by Government	%	Retained by Wagering Operators & Other Deductions	%	Return to Racing	%
ARGENTINA	3,227,929 €	2.0%		0.0%	41,963,081 €	26.0%
AUSTRALIA - Tote	400,037,563 €	4.0%	600,056,345 €	6.0%	400,037,563 €	4.0%
AUSTRALIA - Bookmakers	61,059,538 €	1.0%	488,476,300 €	8.0%	61,059,538 €	1.0%
BRAZIL		0.0%		0.0%		0.0%
CANADA		0.0%		0.0%		0.0%
CHILE	8,121,193 €	3.0%	233,562,350 €	86.3%	29,022,937 €	10.7%
CYPRUS - Tote	1,004,346 €	3.0%		0.0%	6,991,218 €	20.8%
CZECH REPUBLIC - Tote	5,538 €	7.1%	18,541 €	23.8%		0.0%
CZECH REPUBLIC - Bookmakers	64,901 €	7.4%	217,279 €	24.9%		0.0%
FRANCE	861,627,573 €	9.6%	765,287,081 €	8.6%	796,133,115 €	8.9%
GERMANY - Tote	420,051 €	1.0%	4,200,510 €	10.0%	7,560,918 €	18.0%
GERMANY - Bookmakers		0.0%		0.0%		0.0%
GREAT BRITAIN - Tote		0.0%		0.0%		0.0%
GREAT BRITAIN - Bookmakers	219,584,000 €	1.8%	1,186,676,320 €	9.9%	58,283,200 €	0.5%
GREECE	590,821 €	1.5%		0.0%	2,191,958 €	5.7%
HONG KONG	1,602,755,026 €	11.2%		0.0%		0.0%
HUNGARY	1,246,098 €	30.0%		0.0%		0.0%
INDIA - Tote	47,087,766 €	8.5%	43,692,527 €	7.9%		0.0%
INDIA - Bookmakers	6,402,002 €	21.6%	2,766,810 €	9.3%		0.0%
IRELAND - Tote		0.0%	6,041,870 €	6.5%	123,704 €	0.1%
IRELAND - Bookmakers	50,700,000 €	1.0%	344,435,188 €	6.9%	1,513,642 €	0.0%
ITALY - Tote	24,521,409 €	4.8%	62,276,783 €	12.1%	69,094,777 €	13.5%
ITALY - Bookmakers	3,727,450 €	3.9%	3,472,627 €	3.7%	7,604,955 €	8.0%
JAPAN	2,419,164,195 €	9.5%	2,647,158,882 €	10.4%	1,341,405,867 €	5.2%
KOREA	829,599,191 €	16.0%	207,399,798 €	4.0%	362,949,646 €	7.0%
MACAU		0.0%	7,358,098 €	5.6%	13,612,827 €	10.4%
MALAYSIA	10,068,059 €	11.7%	7,930,320.25 €	9.2%		0.0%
MAURITIUS - Tote	4,383,352 €	9.5%	4,844,757 €	10.5%	2,307,027 €	5.0%
MAURITIUS - Bookmakers	7,970,217 €	9.5%	8,809,187 €	10.5%	4,194,851 €	5.0%
MEXICO		0.0%		0.0%	2,313,043 €	24.3%
MOROCCO	114,067,911 €	18.7%	23,603,904 €	3.9%	23,878,571 €	3.9%
NEW ZEALAND	8,069,742 €	2.7%	17,285,835 €	5.9%	16,153,772 €	5.5%
NEW ZEALAND - Bookmakers	4,060,546 €	2.7%	8,697,915 €	5.9%	8,128,282 €	5.5%
NORWAY	1,663,029 €	3.7%	9,443,734 €	21.0%	6,134,608 €	13.6%
PANAMA		0.0%		0.0%		0.0%
PERU	57,203 €	0.2%		0.0%	8,141,639 €	33.1%
POLAND	78,559 €	2.5%	675,574 €	21.5%	62,882 €	2.0%
SINGAPORE	44,635,200 €	5.3%	136,531,200 €	16.2%		0.0%
SLOVAKIA - Tote	10,754 €	10.0%	25,000 €	23.2%	2,625 €	2.4%
SLOVAKIA - Bookmakers	4,337 €	9.9%	5,000 €	11.4%	3,765 €	8.6%
SPAIN - Tote	1,000,000 €		5,606,000 €			
SPAIN - Bookmakers	3,839,000 €		23,024,000 €			
SWEDEN	150,830,820 €	10.9%	91,403,100 €	6.6%	178,544,910 €	12.8%
SWITZERLAND	10,640,248 €	9.0%	5,911,249 €	5.0%	3,546,749 €	3.0%
TURKEY	335,693,042 €	28.0%	155,460,280 €	13.0%	108,298,539 €	9.0%
USA		0.0%		0.0%		0.0%
URUGUAY		0.0%	4,869,011 €	19.6%	2,245,749 €	9.1%
VENEZUELA	16,633,581 €	3.8%	29,109,056 €	6.6%	84,190,960 €	19.2%

Appendix 1

Total Betting Volume 2005-2016 (in 1 million Euro)



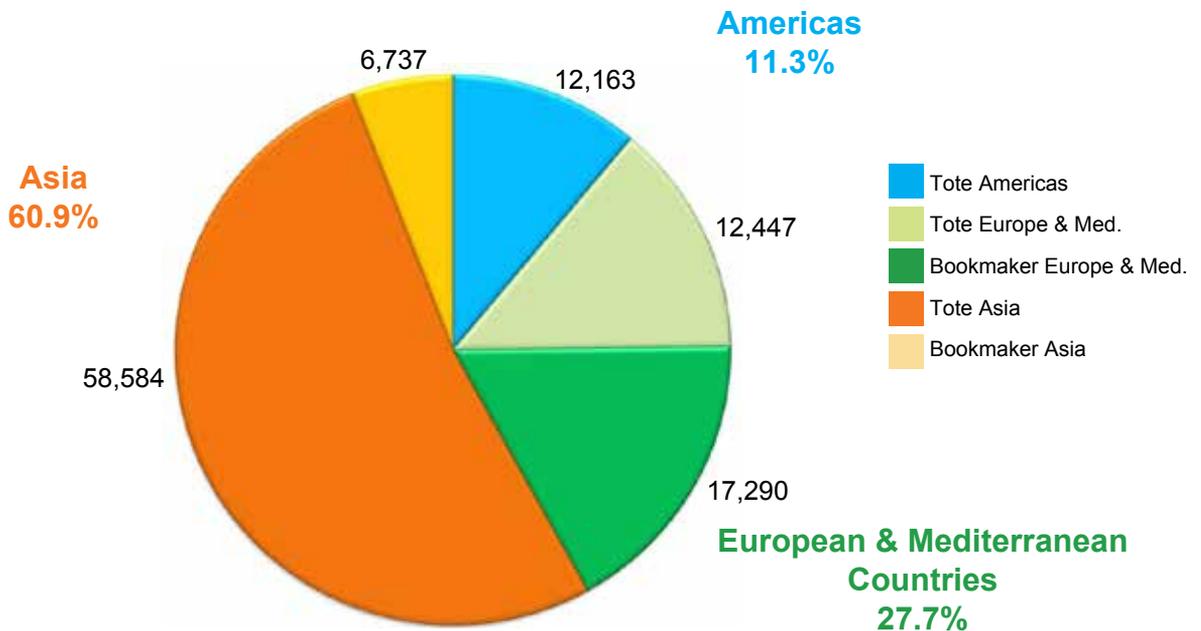
Note 1: The depreciation of the Japanese Yen against Euro had a considerable impact on global total betting figures in 2013.

Note 2: The depreciation of some currencies against Euro had a considerable impact on global total betting figures in 2006.

Note 3: The depreciation of Euro against some currencies had a considerable impact on global total betting figures in 2010 and 2011.

Note 4: Betting figures include betting on trotting races (USA figures only cover flat and jump races.)

Betting by Region 2016 (in 1 million Euro)



NB: European & Mediterranean countries include North Africa

Asia Includes Australia, Madagascar, Mauritius, New Zealand, and South Africa

2016/2015 evolution of the betting turnover and prizemoney distributed compared to inflation rate

Country	Inflation Rate (%)	Evolution of Betting Turnover (%)	Evolution of Prize Money (%)
ARGENTINA	42.00	20.91	26.11
AUSTRALIA	1.30	8.44	-6.14
AUSTRIA	0.86	0.00	-97.47
BAHRAIN	2.80	0.00	-4.28
BELGIUM	1.98	0.00	-75.99
BRAZIL	8.70	4.66	82.38
CANADA	1.40	-13.00	-6.56
CHILE	3.80	6.31	5.26
CROATIA	0.00	0.00	-82.35
CYPRUS	-1.40	-20.12	-12.41
CZECH REPUBLIC	0.70	-7.50	-10.54
DENMARK	0.20	0.00	-2.36
FRANCE	0.20	-1.46	0.57
GERMANY	0.50	-12.11	-1.96
GREAT BRITAIN	1.70	-1.08	4.13
GREECE	-0.83	19.25	1.74
HONG KONG	2.39	10.66	7.18
HUNGARY	0.40	17.23	-47.84
INDIA	4.90	20.63	-2.61
IRELAND	0.01	50.57	6.31
ITALY	-0.01	-4.61	5.48
JAPAN	-0.12	5.00	3.32
KOREA	1.00	-1.40	1.86
LEBANON	-0.81	81656.48	102947.18
MACAU	2.37	-29.39	0.29
MALAYSIA	2.10	-17.05	11.20
MAURITIUS	1.02	3.78	9.85
MEXICO	2.82	-6.16	-90.86
MOROCCO	1.64	2.17	5.74
NETHERLANDS	0.32	0.00	0.00
NEW ZEALAND	0.54	0.15	1.33
NORWAY	3.55	-89.05	-98.10
OMAN	1.10	0.00	-9.64
PANAMA	0.75	0.54	-45.24
PERU	3.60	-6.07	3.09
POLAND	-0.61	-1.82	5.14
QATAR	2.88	0.00	-75.24
SAUDI ARABIA	3.52	0.00	-82.32
SERBIA	1.12	0.00	12.14
SINGAPORE	-0.50	-8.27	-13.38
SLOVAKIA	-0.50	-4.09	1.21
SOUTH AFRICA	6.33	0.00	47.52
SPAIN	-0.20	0.00	0.00
SWEDEN	0.98	5.92	2.27
SWITZERLAND	-0.43	-0.99	4.01
TUNISIA	3.71	0.00	43.57
TURKEY	7.80	7.30	76.65
UAE	1.62	0.00	3.11
USA	1.30	0.65	-1.06
URUGUAY	9.60	4.74	8.12
VENEZUELA	274.00	54.38	85.04

Appendix 2

Annual Accounts 2016 (in Euros)

Reserves on December 31st 2014	498,135	Reserves on December 31st 2015	481,598
ACCOUNTS	2015 ACTUAL	ACCOUNTS	2016 ACTUAL
Incomings		Incomings	
Fees	426,500	Fees	406,500
Financial Interests	3,698	Financial Interests	2,200
		Foreign Exchange Gains	1,900
Sponsorship and Partnership	400,000	Sponsorship and Partnership	400,000
Net Refund trips		Net Refund trips	4,700
Total Revenues	830,198	Total Revenues	815,000
Expenses		Expenses	
Organisation of the Conference	90,998	Organisation of the Conference (including Monday dinner)	131,629
ExCo meetings	10,194	ExCo meeting (catering in October)	2,100
Catering	74,770	Arc luncheon	70,000
France Galop staff /general expenses	104,043	France Galop staff /general expenses	94,600
Chairman Expenses	20,634	Chairman Expenses	20,500
Legal fees		Legal fees	1,500
IFHA Exec Director/Secretary General Expenses	38,716	IFHA Exec Director/Secretary General Expenses	45,800
IFHA Technical Advisor		IFHA Technical Advisor	6,400
ISBC		ISBC	900
Technical Advisory Committee	2,672	Technical Advisory Committee	2,000
Advisory Council (Lab Certification)	59,196	<i>Advisory Council</i>	23,100
		Lab Certification	5,800
Horse Welfare Committee		Horse Welfare Committee	12,000
ICHSWJ		ICHSWJ	
IRPAC	1,350	IRPAC	
Animal Health Trust Collating Centre	538	IMHC	
OIE/IFHA AGREEMENT	180,000	OIE/IFHA AGREEMENT	60,000
OIE/IMHC	57,249	OIE/IHSC Expenses	12,700
LBWRR COMMITTEE	6,624	LBWRR COMMITTEE	22,800
Consultant on Race Planning matters	16,980	Consultant on Race Planning matters	16,000
Racing Business meeting	7,000	Racing Business meeting (EPMA)	7,000
Sponsorship and Partnership Promotion	163,954	Sponsorship and Partnership Promotion	268,400
Bank fees	6,210	Bank fees	6,600
Annual Report	5,605		
Total Expenses	-846,735	Total Expenses	-809,829
RESULT	-16,537	RESULT	5,171
Reserves on December 31, 2015	481,598	Reserves on December 31, 2016	486,766

Appendix 3

Countries (60)	Horseracing Authorities (65)
ALGERIA	Société des Courses Hippiques et du Pari Mutuel
ARGENTINA	Jockey Club Argentino
AUSTRALIA	Racing Australia
AUSTRIA	Direktorium für Galopprennsport & Vollblutzucht in Österreich
BARHAIN	Rashid Equestrian and Horse Racing Club
BELGIUM	Fédération Belge des Courses Hippiques ASBL
BRAZIL (2 members)	- Jockey Club Brasileiro
	- Jockey Club de Sao Paulo
BULGARIA	Bulgarian National Association of Racing
CANADA	The Jockey Club of Canada
CHAD	Association d'Encouragement pour l'Amélioration des Races de Chevaux au Tchad (AEARCT)
CHILE (2 members)	- Club Hípico de Santiago
	- Valparaíso Sporting Club
CROATIA	Croatian Gallop Association
CYPRUS	Cyprus Turf Club
CZECH REPUBLIC	Jockey Club Ceske Republiky
DENMARK	Danish Jockey Club
FRANCE	France-Galop
GERMANY	Direktorium für Vollblutzucht und Rennen
GREAT BRITAIN	The British Horseracing Authority
GREECE	The Jockey Club of Greece
HONG KONG	The Hong Kong Jockey Club
HUNGARY	Kincsem Nemzeti Kft
INDIA	Turf Authorities of India
IRELAND (2 members)	- Registry Office of the Turf Club
	- Horse Racing Ireland
ITALY	MINISTERO PER LE POLITICHE AGRICOLE (MIPAAF)
JAPAN (2 members)	- Japan Racing Association
	- National Association of Racing
KOREA	Korea Racing Authority.
LEBANON	SPARCA
MACAU	Macau Jockey Club
MALAYSIA	Malaysia Turf Clubs
MAURITIUS	Mauritius Turf Club
MEXICO	Jockey Club Mexicano
MOROCCO	Société Royale d'Encouragement du Cheval
NETHERLANDS (The)	NDR (Stichting Nederlandse Draf- en Rensport)
NEW ZEALAND	New Zealand Thoroughbred Racing Inc.
NORWAY	Norsk Jockeyklub
OMAN (Sultanate of)	Royal Horse Racing Club
PAKISTAN	Jockey Club of Pakistan
PANAMA	Hípica de Panama S.A.
PERU	Jockey Club del Peru
POLAND	Polish Jockey Club

Appendix 3

Countries (60)	Horseracing Authorities (65)
QATAR (State of)	Qatar Racing and Equestrian Club
ROMANIA	Jockey Club Român
RUSSIA	Jockey Club of Russia
SAUDI ARABIA	The Equestrian Club
SERBIA	Konjicki Savez Srbije (Horsemanship Federation of Serbia)
SINGAPORE	Singapore Turf Club
SLOVAKIA	Turf Direktorium für die Slowakei
SLOVENIA	Slovenian Turf Club
SOUTH AFRICA	The National Horseracing Authority of Southern Africa
SPAIN (2 members)	-Jockey Club Español -Sociedad de Fomento de la Cria Caballar de España
SWEDEN	The Swedish Jockey Club
SWITZERLAND	Galopp Schweiz
THAILAND	The Royal Bangkok Sports Club
TUNISIA	Société des Courses de Tunis
TURKEY	The Jockey Club of Turkey under the authority of the Ministry Of Food, Agriculture And Livestock
UNITED ARAB EMIRATES	Emirates Racing Authority
UNITED STATES OF AMERICA (2 members)	- The Jockey Club - NTRA/Breeders' Cup
URUGUAY	HRU S.A.
VENEZUELA	SUNAHIP
NATIONAL OR REGIONAL ORGANIZATIONS (4)	
ASIA-OCEANIA	Asian Racing Federation
EUROPEAN AND MEDITERRANEAN COUNTRIES	European and Mediteranean Horseracing Federation
SOUTH AMERICA	OSAF
UNITED STATES OF AMERICA	Association of Racing Commissioners International (ARCI)
HONORARY MEMBER (1)	
GREAT BRITAIN	Horseracing Authority (1) The Jockey Club
AFFILIATE MEMBERS (3)	
MONGOLIA	Horseracing Authorities (2) Federation of Mongolian Horse Racing Sports And Trainers
TURKMENISTAN	Turkmen Atlary State Association
PHILIPPINES	Philippine Racing Commission (PHILRACOM)
OBSERVERS (8)	
AZERBAIJAN	Horseracing Authorities (8) Azerbaijan Horses Club
ISRAEL	Israel National Association of Horse Racing
KAZAKHSTAN	Jockey Club of Kazakhstan
LITHUANIA	National Horseracing Club
MADAGASCAR	AHCEL
UKRAINE	Ukraine Jockey Club
UZBEKISTAN	Equestrian Federation of the Republic of Uzbekistan
VIETNAM	Saigon Race Club

Executive Council

Louis ROMANET, Chairman
Winfried ENGELBRECHT BRESGES, Vice-Chairman Asia - Hong Kong Jockey Club
Jim GAGLIANO, Vice-Chairman Americas - US Jockey Club
Brian KAVANAGH, Vice-Chairman Europe - Horse Racing Ireland
Nick RUST, British Horseracing Authority
Denis EGAN, Irish Turf Club
Olivier DELLOYE, France Galop
Craig FRAVEL, Breeders' Cup/NTRA
Carlos PALERMO, OSAF, Jockey Club Brazil
John MESSARA, Racing Australia
Kaoru OBATA, ARF - Japan Racing Association
Carlo ROSSI, OSAF, Valparaiso Sporting Club
Rüdiger SCHMANNNS, European & Mediterranean Horseracing Federation
YU Pang Fey, Asian Racing Federation

Also attending the meetings:

Andrew CHESSER, Secretary General, IFHA/US Jockey Club
Thierry DELEGUE, France Galop
Dr Roland DEVOLZ, IFHA Technical Advisor for regulatory matters
Horacio ESPOSITO, Special Advisor to President of OSAF
Carl HAMILTON, President & CEO, The Jockey Club Information Systems
Andrew HARDING, Executive Director, IFHA & Secretary General, Asian Racing Federation
Matt IULIANO, US Jockey Club & Technical Advisor, North America
Takahiro KATO, Assistance to Mr OBATA
Dr. Paull KHAN, Secretary General, EMHF
Jim LAWSON, Woodbine Entertainment Group
Peter MCGAURAN, Racing Australia
Ronan MURPHY, ISBC Vice Chairman
Sergio Coutinho NOGUEIRA, Chairman of OSAF Technical Advisory Council
Ruth QUINN, British Horseracing Authority
Henri POURET, France Galop
SOONG Tze Ming, Singapore Turf Club
Steve WILSON, Racing Australia

International Movement of Horses Committee (IMHC)

Dr Brian Stewart	Chairman - The Hong Kong Jockey Club, Hong Kong
Dr Anthony Kettle	Secretary - Dubai, UAE

Members

Dr Alf-Eckbert Füssel	European Commission, Belgium
Dr Beverley Parker	WITS Health Consortium - Equine Health Fund, South Africa
Dr David Sykes	British Horseracing Authority, UK
Dr Desmond Leadon	Irish Equine Center, Ireland
Dr Emre Gür	Jockey Club of Turkey, Turkey
Dr Göran Akerstrom	FEI, Switzerland
Dr Grace Forbes	Racing Victoria, Australia
Dr Hicham Debbagh	SOREC, Morocco

Appendix 4

International Movement of Horses Committee (IMHC) (continued)

Dr Kenneth Lam	Hong Kong Jockey Club, Hong Kong
Dr Koos Van Den Berg	Singapore Turf Club, Singapore
Dr Lynn Hillyer	The Turf Club, Ireland
Dr Morgane Dominguez	OIE
Dr Oscar Bertoletti	OSAF, South America
Dr Patricia Ellis	Australia
Dr Paul-Marie Gadot	France Galop, France
Dr Peter Curl	Hong Kong Jockey Club, Hong Kong
Dr Peter Timoney	US Jockey Club, USA
Dr Roland Devolz	IFHA, France
Dr Salem Mani Karthikeyan	Madras Race Club, India
Dr Seungho Ryu	Korea Racing Authority, Korea
Dr Takashi Yamanaka	Japan Racing Association, Japan
Dr Youssef Kassab	Racing & Equestrian Club, Qatar

Technical Advisory Committee (TAC)

IFHA	Mr Andrew Harding	TAC Chairman, Hong Kong Jockey Club and IFHA Technical Advisor for ARF
	Mr Andrew Chesser	US Jockey Club, IFHA Secretariat
	Dr Roland Devolz	IFHA Secretariat
ISBC	Mr Paul Palmer	TAC Secretary, Weatherbys GSB
ARF	Mr Lyndon Barends	National Horseracing Authority, South Africa
	Mr Greg Carpenter	Racing Victoria, representing Racing Australia
	Mr Behram A. Engineer	Royal Western India Turf Club
	Mr K. L. Cheng	Hong Kong Jockey Club
	Dr Motoki Ito	Japan Racing Association
	Mr Kim Kelly	Hong Kong Jockey Club
	Dr Kanichi Kusano	Japan Racing Association
	Ms Julie Walker	New Zealand Thoroughbred Racing
EMHF	Dr Ilker Altintas	Ministry of Food, Agriculture & Livestock, Turkey, Turkish Stud Book
	Dr Franco Castelfranchi	Ministry of Agriculture, Italy
	Mr Ramazan Coşkundeniz	Jockey Club of Turkey
	Mr Murat Durmaz	Ministry of Food, Agriculture & Livestock, Turkey
	Dr Paul Marie Gadot	France Galop
	Mr Vincent Hughes	Irish Turf Club
	Dr Paull Khan	British Horseracing Authority and IFHA Technical Advisor for EMHF
	Miss Hannah McLean	British Horseracing Authority
	Mr Henri Poret	France Galop
	Mr Rüdiger Schmanns	Direktorium, Germany
	Mr Hubert Uphaus	German Stud Book
	Mr Ercan Yenidünya	Ministry of Food, Agriculture & Livestock, Turkey
OSAF	Mr Ignacio Pavlosky, Jr.	OSAF and IFHA Technical Advisor for South America
North American & the Caribbean	Dr Dionne Benson	Racing Medication and Testing Consortium, USA
	Mr Matt Iuliano	US Jockey Club, IFHA Technical Advisor for North America
	Mr Ed Martin	Association of Racing Commissioners International (ARCI)

International Race Planning Advisory Committee (IRPAC)	
Mr Carl HAMILTON, Chairman	
Mr. Frank GABRIEL, Vice-Chairman	
Mr. Henri POURET, Vice Chairman	
Ms Ruth QUINN Secretary	
Mr Brian KAVANAGH, Chairman of European Pattern Committee	
Mr Jim GAGLIANO, US Jockey Club (attending for G. Watts HUMPHREY)	
Mr. Steve LYM, Jockey Club of Canada/Canadian Graded Stakes Committee (attending for Jeff BEGG)	
Mr. Andy SCHWEIGARDT, TOBA/American Graded Stakes Committee (attending for Dan Metzger)	
Mr. Greg CARPENTER, Asian Pattern Committee - Australia	
Mr. Hiroyuki OKUDA, Asian Pattern Committee	
Mr Greg PURCELL, Asian Breeders Representative	
Mr Sergio Coutinho NOGUERIA, OSAF	
Mr. Horacio ESPOSITO, OSAF (attending March meeting for Sergio Coutinho NOGUERIA)	
Mr Vin COX, SITA	
Mr Geoffrey RUSSELL, SITA	
Mr Andreas TIEDTKE, EFTBA	
Observers :	
Mr Nigel GRAY Co-Chairman of the Longines World's Best Racehorse Rankings Committee	
Mr Philip SMITH Co-Chairman of the World Rankings Supervisory Committee	
Dr. Paull KHAN, European and Mediterranean Horseracing Federation	
Mr. Diego MONTANO, OSAF	
Mr. Takahiro KATO, JRA	
Mr. Anthony KELLY, Asian Pattern Committee	
Mr. Byung Woon JANG, KRA	
Mr. Yang Tae PARK, KRA	
Mr. T.I. JUNG, KRA	
Also Attending	
Mr Ciaran KENNELLY Consultant to IFHA	
LONGINES World's Best Racehorse Rankings Committee (LWBRRC)	
Three for Asia, nominated by ARF	Nigel Gray (Co-Chairman)
	Greg Carpenter
	Kazuhito Matano
Three for Europe, nominated by EPC	Philip Smith (Co-Chairman)
	Éric Le Guen
	Garry O'Gorman
Three for Americas :	
two nominated by North America	Steve Lym
	Tom Robbins
one nominated by OSAF	Diego Montaña
Secretary	Lyn Bowker

Appendix 4

Committee for the Harmonization of Raceday Rules	
Chairman	Kim Kelly (Hong Kong Jockey Club)
Europe	Henri Pouret (France Galop)
	Jamie Stier (British Horseracing Authority)
	Denis Egan (Irish Turf Club)
	Rüdiger Schmanns (Direktorium Für Volblutzucht & Rennen (Germany))
Americas	Dr. Ted Hill (US Jockey Club)
	Oscar Bertoletti (OSAF)
Asian Racing Federation	Terry Bailey (Racing Victoria Limited)
	Dr. Atsushi Kikuta (Japan Racing Association)
	Arnold Hyde, (The National Horseracing Authority, South Africa)

Horse Welfare Committee	
Chairman	Jamie STIER (British Horseracing Authority)
Vice-Chairman	Dr Craig SUANN (Racing NSW)
Members	Dr Rick ARTHUR (California Horse Racing Board)
	Dr Alberto COSTA (OSAF)
	Dr Peter CURL (Hong Kong Jockey Club)
	Dr Paul-Marie GADOT (France Galop)
	Andrew HARDING (Hong Kong Jockey Club)
	Matt IULIANO (US Jockey Club)
	Dr Motoki ITO (Japan Racing Association)
	Brian KAVANAGH (Horse Racing Ireland)
	Dr Anthony KETTLE (Equine International Consultant, UAE)
	Dr David SYKES (British Horseracing Authority)
	Dr Brian STEWART (Hong Kong Jockey Club)
	Dr Peter WEBBON (ISBC)
	Dr Teresita ZAMBRUNO (OSAF)
Ex-Officio Members	Andrew CHESSER (IFHA)
	Dr Roland DEVOLZ (IFHA)
	Dr Theodore HILL (IGSRV)
	Dr Kanichi KUSANO (Japan Racing Association)

Advisory Council on Equine Prohibited Substances and Practices	
Chairman	Dr Ed Houghton, UK
Vice Chairman	Dr Yves Bonnaire, FR
IGSRV Nominees	Dr Craig Suann, AUS
	Dr Rick Arthur, USA
AORC Nominees	Dr Yves Bonnaire, FR
	Dr Terry Wan, HK
President AORC	Ms Barbara Morrissey, CAN
Chairman IGSRV	Dr Brian Stewart, AUS
Technical Advisor (IFHA)	Dr Roland Devolz, FR
Asian Racing Federation	Dr Kanichi Kusano, JPN
	Dr Bertrand Baudot, Mauritius
IFHA	Andrew Harding, HK
OSAF	Dr Mirtes de Souza, BRZ
Racing Medication and Testing Consortium	Dr Dionne Benson, USA
US Jockey Club	Dr Ted Hill
Gene Doping Control Subcommittee Chairman	Dr Kanichi Kusano, JPN

Appendix 5

LONGINES World's Best Racehorse Rankings

Top 10 Horses in 2016			
Rank	Rating	Horse	Trained
1	134	ARROGATE (USA)	USA
2	133	CALIFORNIA CHROME (USA)	USA
3	132	WINX (AUS)	AUS
4	129	ALMANZOR (FR)	FR
5	127	A SHIN HIKARI (JPN)	JPN
5	127	MAURICE (JPN)	JPN
7	126	FROSTED (USA)	USA
8	124	FOUND (IRE)	IRE
8	124	HARTNELL (GB)	AUS
8	124	POSTPONED (IRE)	GB
8	124	WERTHER (NZ)	HK

3-YEAR-OLDS

3yo TURF

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	Flying Artie (AUS)	120	Mick Price (AUS)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Ribchester (IRE) The Gurkha (IRE)	122	Richard Fahey (GB) Aidan O'Brien (IRE)
I: 9.5f - 10.5f : 1900m - 2100m	Almanzor (FR)	129	Jean-Claude Rouget (FR)
L: 10.51f - 13f : 2101m - 2700m	Satono Diamond (JPN)	122	Yasutoshi Ikee (JPN)
E: 13.51f+ : 2701+	Satono Diamond (JPN)	121	Yasutoshi Ikee (JPN)

3yo NON TURF (*D/A)

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	Drefong (USA)	118	Bob Baffert (USA)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Gun Runner (USA)	118	Steven Asmussen (USA)
I: 9.5f - 10.5f : 1900m - 2100m	Arrogate (USA)	134	Bob Baffert (USA)
L: 10.51f - 13f : 2101m - 2700m	Creator (USA)	116	Steven Asmussen (USA)

FILLIES

3yo TURF - FILLIES

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m - 1300m [5f-7.99f : 1000m-1599m - USA/CAN]	Quiet Reflection (GB)	116	Karl Burke (GB)
M: 6.51f - 9.49f :1301m - 1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Minding (IRE)	122	Aidan O'Brien (IRE)
I: 9.5f - 10.5f : 1900m - 2100m	Queen's Trust (GB)	118	Sir Michael Stoute (GB)
L: 10.51f - 13f : 2101m - 2700m	Seventh Heaven (IRE)	119	Aidan O'Brien (IRE)
E: 13.51f+ : 2701+			

3yo NON TURF (*D/A) - FILLIES

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m - 1300m [5f-7.99f : 1000m-1599m - USA/CAN]			
M: 6.51f - 9.49f :1301m - 1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Songbird (USA)	122	Jerry Hollendorfer (USA)
I: 9.5f - 10.5f : 1900m - 2100m	Songbird (USA)	122	Jerry Hollendorfer (USA)
L: 10.51f - 13f : 2101m - 2700m			
E: 13.51f+ : 2701+			

Appendix 5

4-YEAR-OLD AND UP

4yo and up TURF

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	Chautauqua (AUS) Limato (IRE)	122	Michael, Wayne & John Hawkes (AUS) Henry Candy (GB)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	A Shin Hikari (JPN)	127	Masanori Sakaguchi (JPN)
I: 9.5f - 10.5f : 1900m - 2100m	Maurice (JPN)	127	Noriyuki Hori (JPN)
L: 10.51f - 13f : 2101m - 2700m	Postponed (IRE)	124	Roger Varian (GB)
E: 13.51f+ : 2701+	Order of St George (IRE)	120	Aidan O'Brien (IRE)

4yo and up NON TURF (*D/A)

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	A P Indian (USA) Spalato (NZ)	118	Arnaud Delacour (USA) John O'Hara (SIN)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	California Chrome (USA)	133	Art Sherman (USA)
I: 9.5f - 10.5f : 1900m - 2100m	California Chrome (USA)	133	Art Sherman (USA)
L: 10.51f - 13f : 2101m - 2700m	Elbchausee (PER)	119	Sabino Arias (PER)
E: 13.51f+ : 2701+			

FILLIES AND MARES

4yo and up TURF - FILLIES & MARES

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	Mecca's Angel (IRE)	121	Michael Dods (GB)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Winx (AUS)	127	Chris Waller (AUS)
I: 9.5f - 10.5f : 1900m - 2100m	Winx (AUS)	132	Chris Waller (AUS)
L: 10.51f - 13f : 2101m - 2700m	Found (IRE)	124	Aidan O'Brien (IRE)
E: 13.51f+ : 2701+			

4yo and up NON TURF (*D/A) - F & M

Category	Horse	Rating	Trained
S: 5f - 6.5f :1000m-1300m [5f-7.99f : 1000m-1599m -USA/CAN]	Taris (USA)	115	Simon Callaghan (USA)
M: 6.51f - 9.49f :1301m-1899m [8f - 9.49f : 1600m - 1899m - USA/CAN]	Beholder (USA)	122	Richard Mandella (USA)
I: 9.5f - 10.5f : 1900m - 2100m	I'm A Chatterbox (USA)	115	Larry Jones (USA)
L: 10.51f - 13f : 2101m - 2700m			
E: 13.51f+ : 2701+			

International Organisations

Americas	
Organization Sudamericana de Fomento del Pura Sangre de Carrera, O.S.A.F.	osafweb.com.ar
Confederacion Hipica del Caribe	confederacionhipicadelcaribe.org
Association of Racing Commissioners International, ARCI	arci.com
Asia	
Asian Racing Federation, ARF	asianracing.org
Asian Stud Book Conference	
Europe	
European and Mediterranean Horseracing Federation, EMHF	euromedracing.eu
European and Mediterranean Stud Book Liaison Committee	
European Horserace Scientific Liaison Committee, EHSLC	ehslc.com
European Pattern Committee	
Association des Pari-mutuels Européens, APME	parimutuel-europe.org
The European Federation of Thoroughbred Breeders' Associations	eftba.eu
Union Européen du Trot, UET	uet-trot.eu
International	
Society of International Thoroughbred Auctioneers, SITA	thoroughbredauction.com
International Cataloguing Standards	ifhaonline.org/standardsBook.asp
International Studbook Committee, ISBC	internationalstudbook.com
International Group of Specialist Racing Veterinarians, IGRSV	igsrv.org
Association of Official Racing Chemists, AORC	aorc-online.org
International Conference of Racing Analysts and Veterinarians, ICRAV	icrav2018.com
International Association of Arabian Horseracing Authorities	ifahr.net
International Trotting Association	
International Forum for the Aftercare of Racehorses	internationalracehorseaftercare.com



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