

KOREA ANTI-DOPING AGENCY

한국도핑방지위원회
KOREA ANTI-DOPING AGENCY

2019 ANNUAL REPORT

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KOREA ANTI-DOPING AGENCY
2019 ANNUAL REPORT

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REPORT



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“We will be the light for sports to spread inspiration and dreams.”

Message from the President

FOREWORD

As always, sports presented all of us with great memories and a healthy life in 2019. To raise the value of sports and to let athletes healthily develop their ability, the professional activities and collaborations with the various sports organizations are important for the Korea Anti-Doping Agency (KADA). We are working as one of their partners to support this worthy mission.

Since the sport become more influential in our society, the prohibited methods have become more sophisticated and developed. We feel the responsibility to protect sports and athletes' health as an anti-doping agency.

Our organization did a series of activities last year including face-to-face anti-doping education, outreach activities, and 5,400 tests. Through the feedbacks from the World Anti-Doping Agency (WADA) Audit and the joint investigations with the Ministry of Food and Drug Safety, we were able to improve the overall doping control system. At the 2019 Gwangju FINA World Championships, KADA carried out impeccable tests and KADA's Athlete Committee that is made up of current and former national athletes helped us by promoting about anti-doping. The Republic of Korea was successfully re-elected WADA Foundation Board Member for the third time in a row. It allowed us to raise our reputation and to deliver our mission by working closely with other National Anti-Doping Organizations (NADOs).

KADA will prepare for the new future while continuously providing education programs and testing through a variety of channels. We believe that it gives a positive effect on athletes and stakeholders, so they are able to prevent the doping attempts themselves. On top of that, the newly introduced paperless doping tests may reduce minor errors in testing and data management. We will also build up the doping control officer (DCO) system to have more expertise, accuracy, and efficiency. In addition, KADA is going to establish the anti-doping certification system to help athletes avoid the prohibited substances when they receive the prescription. To carry out all our plans, KADA will work closely with the related organizations.

I would like to express gratitude on behalf of KADA for all those who have helped us with generous support for the growth and development for the past year. Please kindly continue to spare your support and attention. Thank you.

June 2020

Lee, Young-Hee, President

“For the Leap and Development of KADA.”

Greetings from the Secretary-General

Jin, Jae-soo

Secretary-General

At the end of 2019, the Republic of Korea made three successive advances into the WADA Foundation Board. This achievement implies that the Republic of Korea performs a significant role in WADA's primary decision-making process, continuing to exert influence in the international sports community. KADA has actively participated in global sports field by steadily holding seminars and promoting international exchanges, anti-doping campaigns and a variety of competition projects.

In 2019, KADA continuously strived to secure human resources for anti-doping and to provide new education programs. Our agency is also working on other training programs in response to the 2021

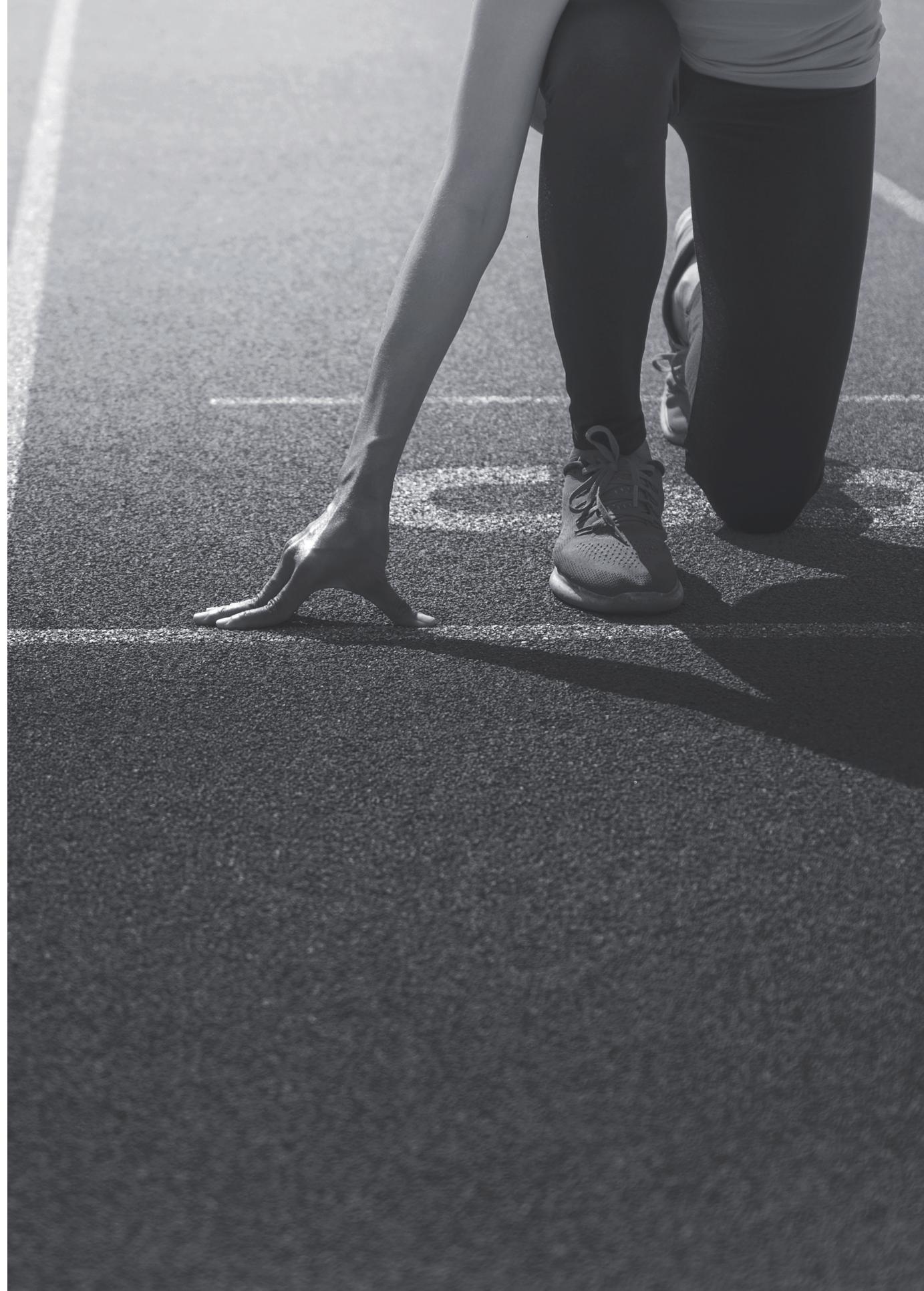
amendment of International Standards of Testing and Investigations, which affiliated organizations must follow. Furthermore, we are planning to accelerate the intelligence and investigation activities for anti-doping.

The sustainable development of our agency requires legislative and policy updates, cooperation with various related organizations, and creation of efficient working environments. It is also essential to provide our staff with stable and stimulating working conditions. To this end, KADA is doing best to secure the competitiveness of its own.

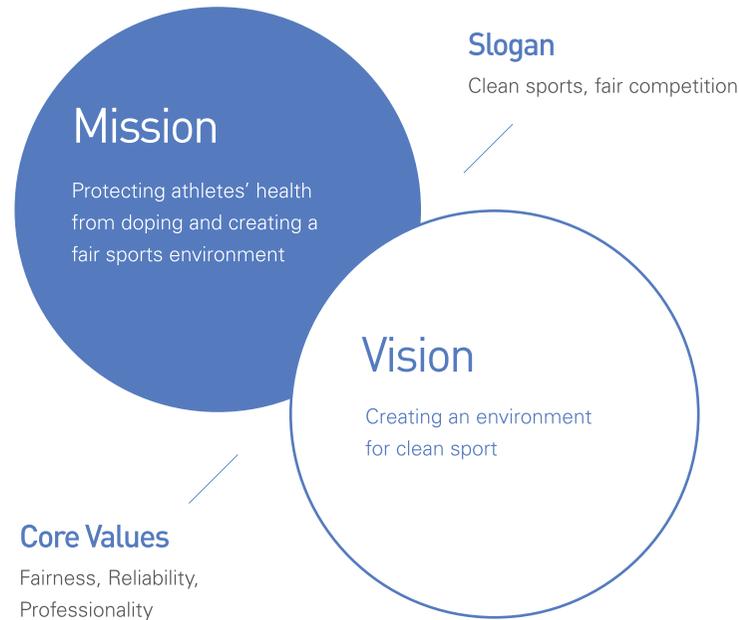
We will keep pushing ourselves for the continuous progress of KADA. Thank you.



—
FOREWORD



Korea Anti-Doping Agency



3 Major Targets & 10 Strategic Tasks

Expanding Anti-Doping Infrastructure

Creating bases for productive anti-doping activities, such as policies, laws, institutions, and global networks

1. Expanding anti-doping education activities
2. Enhancing anti-doping promotion activities
3. Enriching international communication and cooperation
4. Enacting anti-doping laws and systems

Implementing High Quality Doping Control Programs

Carrying out fair and effective doping test in compliance to the World Anti-Doping Code and the International Standards

1. Expanding fair doping testing
2. Improving expertise in doping control officers
3. Strengthening anti-doping intelligence and investigations

Establishing sustainable operation systems

Supporting projects and building future-oriented organizational culture through the efficient use and enhancement of human resources, budgets, and systems

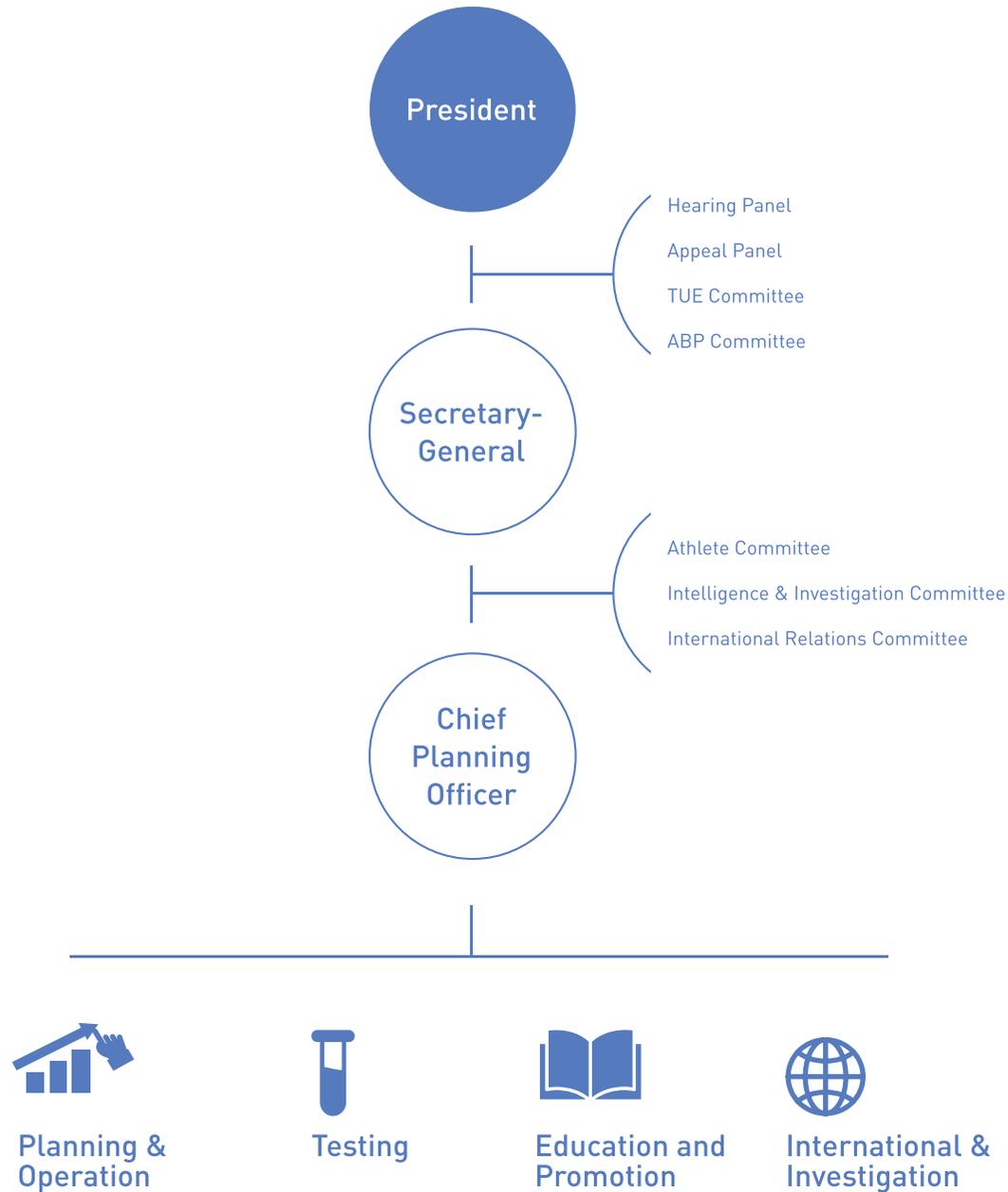
1. Establishing a trusted, transparent management system
2. Preparing an autonomous operating system base
3. Constructing a stand-alone operating system base
4. Empowering job- and performance-oriented organization



KOREA ANTI-DOPING AGENCY

(As of December, 2019)

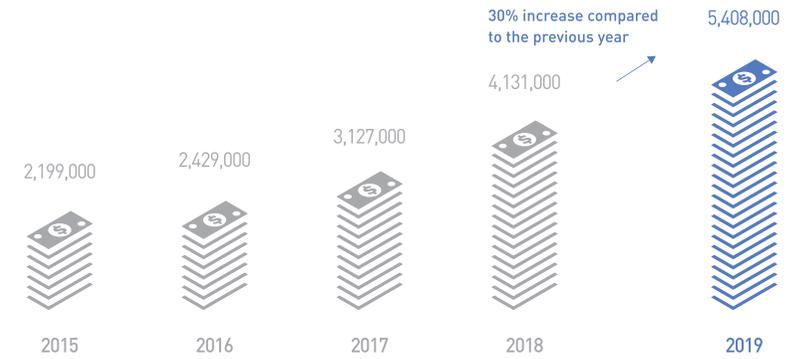
KADA
INTRODUCTION



Budget

(Unit: 1,000 KRW)

KADA's budget for anti-doping activities increases every year. This growing budget has allowed KADA to expand a variety of activities for cleaner sports environment, including testing program, education, international cooperation activities and research.



KADA Board Members

(As of December 2019)

Position at KADA	Name	Position / Affiliation
President	Lee, Young-Hee	Professor / Department of Physical Medicine and Rehabilitation, Wonju College of Medicine, Yonsei University
Vice-President	Kim, Eun-Kyung	Professor / Hankuk University of Foreign Studies Law School
Member	Jin, Jae-Soo	Secretary General / KADA
Member	Hong, Jeong-Ho	Athlete Committee Member / WADA
Member	Jeon, Hye-Ja	Secretary General / Korean Paralympic Committee (KPC)
Member	Jeon, Myeong-Ji	Chief Reporter / The Sports Chosun
Member	Kim, May	Professor / Department of Physical Education, Korea University
Member	Kim, Seung-Ho	Secretary General / Korean Sport & Olympic Committee (KSOC)
Member	Lee, Yong-Sik	Assistant Professor / Sports and Leisure Studies Major, Catholic Kwandong University
Member	Oh, Ja-Wang	Secretary General / Korea Professional Sports Association
Member	Park, Yong-Cheol	Sports Cooperation Bureau, Ministry of Culture, Sports and Tourism
Auditor	Lee, Yong-Hee	Partner / Samil PwC

2019 Highlights

As the sole national anti-doping agency in the Republic of Korea and a leading global anti-doping organization, KADA dedicate to run vital anti-doping activities.

KADA showed visible achievements in 2019, including anti-doping education and PR activities, high quality doping management that complies to the International Standards and the establishment of anti-doping network through international communication and cooperation.



Anti-Doping Education and Promotion

01

Background: Anti-doping is essential to set up clean and fair sports environments. KADA has constantly raised the social awareness of anti-doping through various education tools and promotion campaigns.

Objective: KADA aims to familiarize the athletes, coaches and parents with anti-doping messages from education and outreach campaigns, and to protect clean sports.

Main Activities: KADA reaches tens of thousands of athletes and coaches every year to provide off-line and on-line education, while promoting outreach campaigns at major sporting events.

Upgrading Anti-Doping Education Activities

KADA's anti-doping education is available online and offline. Every curriculum and content of the education materials for each target group are regularly being revised to the latest version, which improves the whole system of anti-doping education.

Anti-Doping Education

Quality Improvement of Educational Contents

Strengthening Capability for Educators

- 01 Monthly education programs for national teams for the Korean Paralympic Committee (KPC) launched in 2019
30% increase in participants (1,241) compared to the previous year



- 01 1 type of teaching material for all students
3 different types for elementary, middle and high school student groups (subdivided)



- 01 Workshop and trainings for educators
Encouraging the information sharing and self-improvement through trainings



- 02 Extended sports human rights education (at Clean Sports Center of Korean Sports & Olympic Committee (KSOC))



Conducted **240** new anti-doping education programs for **14,298** student athletes

- 02 Specialized contents serving different target groups such as parents, administrators, and professional/ disabled/ foreign athletes



Increased educational effectiveness with the customized contents

- 02 Constantly training new anti-doping educators for metropolitan and provincial offices of education and national sports federations



Aiming to strengthen the ties between organizations and to reduce Anti-Doping Rule Violations through education.

*Training of 31 anti-doping educators for national sport federations (June 7, 2019)

*Training of 25 anti-doping educators for metropolitan and provincial offices of education (July 18 and 19, 2019)

- 03 Launched the Korean version of World Anti-Doping Agency Online Education System (ADeL)

Increasing the athletes' access to international education programs in Korean



- 03 Built educator evaluation system

1. Evaluator group composed of external education experts
2. Year-round educator evaluation
3. Re-accreditation system for the following year, awards for outstanding educators, and etc.

Promoting Anti-doping Outreach Activities

Participants at the Outreach campaign in 2019

1,602 (70% increase compared to the previous year)

1,122 participants in 2018
681 participants in 2017

*Anti-Doping educators hand out anti-doping information materials to the participants and encourage visitors to do anti-doping quiz for prizes.



On-Site Voice #1

Kwon Jin-sook
Anti-doping Educators

"As an educator, I encourage interactive learning for athletes so that they can learn about anti-doping with fun. More storytelling or participatory educational methods will benefit athletes to gain understanding on the subject."

On-Site Voice #2

Hong Jeong-ho
Chairperson of the Athlete Committee and a member of WADA Athlete Committee

"As a former athlete, I am pleased to be able to get closer to athletes and assist them with all my experiences.. I promise to pass on my and other members' experiences through education and outreach campaigns."

KADA is offering outreach campaigns for major sporting events such as the Korean National Sports Festival, and other championships by sport. Through these on-the-spot activities, KADA is informing athletes, coaches, parents, and other participants of the need for anti-doping and preventive methods.

Extended Promotion Activities

Athlete Committee established in 2019, consisting of current and former athletes

Representing the views and rights of athletes, promoting anti-doping activities as ambassadors and educators

*Participation in various activities such as outreach campaigns, seminars, education, etc.

Outreach Campaign at Pharm Expo Korea and the KAHPERD Academic Conference

 Promotes awareness of anti-doping among pharmacists, and sharing anti-doping information to professors and undergraduate/graduate students in the sports academia

Anti-doping seminar for coaches in August 2019

 Anti-Doping professionals gave lectures for about 200 coaches. The need of anti-doping legislation, side effects on prohibited substances were presented.

Play True Day Celebration and Ceremonial Forum on April 10th, 2019

 Shared the result of the student athletes' doping status survey with officials of Ministry of Education and sports experts to lead to consensus for better insights.

2019 Sports Anti-Doping Contest

 Awarded 17 out of 152 works received in the webtoon, video and poster categories
→ The awarded works have been actively utilized for outreach campaigns and social media.

공모전 수상작



Grand Prize for the Webtoon Category



Gold Prize for the Webtoon Category



Grand Prize for the Video Category



Gold Prize for the Video Category



Grand Prize 1 for the Poster Category



Grand Prize 2 for the Poster Category



Gold Prize for the Poster Category



Silver Prize for the Poster Category

Achievement #1

Expansion of the range of target groups and promotion of the quality of education

KADA has brought out the expansion of targets and qualitative improvement through various activities in 2019.

Partnering with KSOC's sports human rights education enabled KADA to provide 240 face-to-face education courses for 14,298 students who belong to athletic clubs in school. As a result, the total number of participants in face-to-face education increased by more than 50%.

Year	2017	2018	2019
Number of face-to-face anti-doping education students in the last three years	23,488	24,518	42,361

(Unit: persons)

In 2019, KADA met almost twice as many people as in 2018 and delivered the clean sport message in cooperation with many organizations. (up 172% compared to the previous year). KADA also tried to enhance the efficiency of education by customizing contents by each target group and made efforts to provide education in every corner.

△ Strengthening the education of student athletes in public school.



Promoted value-based anti-doping education for student athletes in middle and high schools

△ Expanding the range of education to student groups in athletic club in school.



Instilled in students the value of respect, equity and inclusion regarding anti-doping by partnering with KSOC which provides human rights education to students in junior and high school.

4,677 students in 2018
→ 5,755 students in 2019

△ Boost of anti-doping education for athletes for major professional sports (baseball and soccer) drawing high public interest and attention



No case of anti-doping rule violation recorded in 2019



△ Initiating the anti-doping education programs for top-ranked athletes in cooperation with the Regional Center for Sports Science.

334 athletes in 8 locations

Background: KADA complies with the World Anti-Doping Code and the International Standards and implements high-quality doping control programs by conducting tests and anti-doping activities based on intelligence in cooperation with investigation, and results management department.

Objective: KADA aims to improve the quality of the doping control program and create a fair sports environments in compliance with the International Standards.

Process: Doping Control is all steps and processes from test distribution planning through to ultimate disposition of any appeal, including all steps and processes in between whereabouts submission, sample collection and storage, transportation, sample analysis, Therapeutic Use Exemptions (TUEs), results management and hearings.

Testing Program

KADA conducts fair and strategic testing based on the results of KADA's risk assessment for each sport in accordance with the Code and the ISTI which are provided by WADA and mandatory for all Anti-Doping Organizations around the world.

Increase in Target Testing



477 target tests conducted by KADA in 2019, and 19 anti-doping rule violation cases though target testing. (3.98% of detection rate for doping)

*KADA regularly monitors and modifies the test distribution plan to flexibly and quickly respond to changes in external environments.

KADA's Testing Numbers in 2019

Year	NOC/NPC Sports			Year	Professional Sports		
	IC	OO	Total		IC	OO	Total
2018	2,118	1,534	3,652	2018	2,118	1,534	3,652
2019	2,211	1,999	4,210	2019	2,211	1,999	4,210

* Decrease of the whereabouts failures related to non-submission or missed tests.

Co-research with Korea National Sport University (Senior Researcher: Eun-Kook Kim) on the Optimal Number of Doping Tests in Korea

The research has suggested the optimal level of the standard testing number reflecting on sports environments in Korea, including international competitiveness

- To develop test distribution plan considering available resources based on the optimal number of tests from the research.
- To improve the management system of sample collection personnel to conduct effective doping controls.

Achievement #2

Establishment of Anti-doping Rules and Implement of Doping Controls for the Athletes for Cycle and Motorboat Racing

In accordance with the revision of the Cycle and Motorboat Racing Act, KADA is responsible for education and doping tests for the athletes who are registered with the Korea Sports Promotion Foundation (KSPO).

- △ KADA signed a Memorandum of Understanding with KSPO (Cycle and Motorboat Racing Business Division) (April 12, 2019)
- △ KADA established the anti-doping rules for Cycle and Motorboat Racing (June 10, 2019)
- △ KADA provided anti-doping education for 422 athletes and 134 doping tests for Cycle and Motorboat Racing.

Registered Testing Pool (RTP) Management

Registered Testing Pool (RTP) is the list of highest-priority athletes for doping control. RTP athletes are required to provide whereabouts information until they are removed from the RTP in accordance with the Code and the ISTI. In 2019, KADA increased the number of RTP athletes to 120 - 48 increase from the previous year, and strengthened anti-doping education and management for RTP athletes.

Expansion of RTP



*KADA strengthened doping control and conducted various type of analysis for athletes with outstanding performances.

RTP athlete Selection

KADA established intelligent and effective selection criteria in compliance with the WADA's ISTI.

- Risk assessment of doping for sport and discipline
- Athlete selection through a comprehensive review based on the data from Athlete Biological Passport (ABP), Athlete Performance Passport (APP), doping reports, and intelligence.

KADA's Systematic Management System for RTP Athlete

Improvement of information and education for RTP athletes

- KADA provided RTP athletes with detailed information on in whereabouts requirements and response to athlete's inquiries on-the-day.
- The first face-to-face education session for RTP athletes of KADA and International Federations regarding testing and whereabouts requirements (at the Jincheon National Training Center on January 30, 2019).

Enhancement of efficiency and effectiveness of RTP testing

- Developed internal web-based RTP management system for integrated test planning and management
- Determined on the timing of test and type of analysis intelligently based on criteria including ABP
- In collaboration with anti-doping organizations worldwide, KADA tested RTP athletes overseas.

The expected impact includes

- Improvement of RTP athletes' understanding of their responsibilities, including how to submit whereabouts information, the athletes' requirements who retired from the sport and then decide to return to competition, and etc.
- Decrease of the whereabouts failures related to non-submission or missed tests.

DCO Operation and Management

170 DCOs in 2019
(130 as of 2020)

1.049% in 2017
0.873% in 2018
0.827% in 2019

DCOs error rate
(to the total number of testing):
DCO expertise ↑
DCO error ↓

Doping Control Officers (DCOs) are professional agents trained and certified by KADA to be responsible for collecting and transporting doping control samples. KADA trains and manages qualified DCOs through a strict and rigorous process of training, evaluation, and re-accreditation, and KADA DCOs carry out doping controls following the methods and procedures as set out in the ISTI.

Improvement of the Expertise in Sample Collection

KADA strives to create an excellent doping control system by increasing the expertise in sample collection and raising awareness of anti-doping

Improvement of Expertise in Blood Collection

Blood collection is conducted by the BCOs who are the accredited graduates of KADA's training program amongst those of who are qualified Clinical Laboratory Technologist.

Continuous Management and Maintenance of the highly-skilled DCOs

KADA provided special training courses for accredited DCOs who have not performed sample collection activities during a certain period of time.

Strict Re-Accreditation Process

Conducted annual DCO training program operating and held the DCO steering committee

<The Capacity Building Program for DCOs>

The first DCO Workshop

The workshop works as a channel to communicate between KADA and DCOs who are on the frontier to carry out sample collection.

'The Casebook of Doping Control Procedure' was published

Conducted the case study of doping control procedure to enhance compliance to the ISTI
To ensure the integrity of doping control procedure and identity in the sample

Essay Quiz was introduced in the Annual DCO Re-Accreditation Process

To strengthen the assessment of DCO's capacity and maintain expertise on-site

Improvement of Doping Control Environments

Expanded the size of on-site sample collection team (1 DCO for 3 athletes 1 DCO for 2 athletes)

To ensure the DCOs' on-site managing capacity

New DCO Operating Regulations was published and the Steering Committee including DCOs was held

To improve the transparency of doping control

On-Site Voice #3

Lee Dong-hoon
DCO

"When carrying out tests, we need to prepare everything thoroughly and stay clear-headed. We handle variable circumstance through our experience and know-hows to increase the expertise with the mission and rigorousness"

On-Site Voice #4

Lee Geon
DCO

"I and other DCOs are trying to explain in detail about doping control process to athletes, parents, and coaches and ask for their cooperation. There is the need to change their perception about doping test and be aware that it is a part of the process to objectively prove athletes' sweat and effort."

Result Managements

Anti-Doping Rule Violation (ADRV)
Cases in the Republic of Korea in 2019



Total **14 cases**
(15 cases less than the previous year)

TUE Application by
Prohibited Drug Type



104 cases for S9 glucocorticoids (53.8%)
23 cases for S6 stimulants (11.9%)

KADA provides fair hearings and appeals opportunities for any person who is asserted to have committed ADRV and makes reasoned decisions according to KADC. Sanctions include a period of ineligibility from sport or, at the very least, a reprimand and no period of ineligibility. Sanctions can also include disqualification from an event and forfeiture of points, medals, and prizes. Generally, KADA will publicly disclose an anti-doping rule violation once a final determination has been made.

Operation of the KADA Hearings and Appeals

6 Reasoned decisions without hearing

10 KADA Hearings were held

6 KADA Appeal Hearings were held

*Athletes who do not concede to the sanctions are given rights to appeal.

TUE Application Status

If athletes need to use prohibited substances for treating diseases or rehabilitation from injury, they can apply for TUE under the ISTUE. KADA processes and approves applications through its TUE Committee.

TUE Review in 2019



Total **132 athletes / 193 applications**

TUE Application by Disease



35 cases for dermatological conditions (18.1%)

30 cases for musculoskeletal conditions (15.5%)

Classification	Applied	Approved	Denied	TUE Not Needed
S0. NON-APPROVED SUBSTANCES	—	—	—	—
S1. ANABOLIC AGENTS	—	—	—	—
S2. PEPTIDE HORMONES, GRWOTH FACTORS, RELATED SUBSTANCES, AND MIMETICS	3	3	—	—
S3. BETA-2 AGONISTS	5	1	—	4
S4. HORMONE AND METABOLIC MODULATORS	21	20	1	—
S5. DIURETICS AN MASKING AGENTS	14	7	7	—
S6. STIMULANTS	23	11	7	5
S7. NARCOTICS	17	17	—	—
S8. CANNABINOIDS	—	—	—	—
S9. GLUCOCORTICOIDS	104	83	19	2
P1. BETA_BLOCKERS	5	1	4	—
Etc.	1	—	—	1
Total	193	143	38	12

Usage statistics of the Prohibited Substance Searching Service in 2019



Total **87,862** searches

(12% increase compared to the previous year)

ABP Reviews in 2019



4,674 cases

(32 cases in 2018 → 4,674 cases in 2019)

Prohibited Substance Searching Service

KADA translates the Prohibited List, which is revised and released every year and distributes the copies to more than 200 related organizations. There is also a searching service platform based on the 2019 WADA Prohibited List, where users can look up prohibited substances for any domestic medications.

* The platform is available on mobile through KADA's homepage

Stronger ABP Management

KADA has made ABP management stronger in preparation for the mandatory implementation of APMU (Athlete Passport Management Unit) starting in January 2020. KADA appointed an ABP manager and stimulated capacity growth by partnering with Sydney Laboratory, ASADA and DFSNZ.

Passport Status	Q1	Q2	Q3	Q4	Total
Normal	258	516	679	1,438	2,891
Atypical	110	111	101	170	492
Total	368	627	780	1,608	3,383

* As part of WADA Audit in 2018, KADA completed additional reviews of 1,291 ABPs (normal 431/ atypical 860 cases) created between 2016 and 2018.

Achievement #3

Completion of Corrective Measures Post WADA Audit

WADA approved the satisfactory completion of KADA's corrective measures in February 2019, which were recommended after WADA's Audit in June, 2018.

Background WADA constantly checks in for the compliance to the CODE and the ISTI to make sure anti-doping activities worldwide are carried out smoothly.

Result KADA straightened up items in major fields after WADA Audit, and it includes DCO operation, investigation, test result management, ABP, TUE, and other areas of business.

Intelligence and Investigation (I&I)

KADA is not only catching anti-doping rule violations from sample analysis but strengthening smart doping test and intelligence activities based on the reliable evidences from Athlete performance analysis, ABP analysis and tip-off.

2019 HIGHLIGHTS

Intelligence & Investigation (I&I) Committee

The Intelligence & Investigation Committee, founded in 2019, has made close working relationships with prosecutor's office and MFDS and it has shown significant improvement by catching athletes who violated the anti-doping rules.

Whistleblowing System

KADA operates whistleblowing system actively which collects intelligence based on suspicious tip-off from athletes, parents, coaches, and other interest parties.

Anti-Doping Rule Violations in 2019

Year	Total Cases Detected	Cases Detected by Target	Detection Rate
2018	27	11	40.7%
2019	36	19	52.7%

Achievement #4

Strengthening Anti-Doping I&I in conjunction with the MFDS

KADA operates I&I Committee with experts from MFDS, police and customs so that continues to work on catching any anti-doping rule violation cases and share information on doping.

Background Doping schemes have recently become more sophisticated as there are tricky ways to do doping such as applying small amount of doping substances, using doping designer, or doing organizational doping. It challenges the credibility of current doping testing system. Joint with related authorities is highly important to overcome the disadvantages such as committee's lack of investigative authority or insufficient intelligence.

Result Athletes and other parties involved in the case of 'trading and application of prohibited substances at private baseball academy' in 2019 were arrested and sanctioned for anti-doping rule violations after the successful joint investigation with MFDS. KADA received the decision by Personal Information Protection Commission that MFDS is allowed to the list of athletes who purchased the illegal substances with KADA.

Expectation KADA can conduct more leading investigation for any doping allegations based on anti-doping rules.

Enriched Anti-Doping
Capabilities and Network through
International Cooperations

Background: In line with WADA's policy, KADA continues to encourage global anti-doping activities through international collaboration with NADOs and RADOs

Objective: KADA enhances anti-doping capability through international collaboration to fulfill our long-term goal that becomes a leading anti-doping organization in Asia. KADA has supported the anti-doping programs and cooperated with the NADOs and RADOs in Asia to make a clean sports environment together.

Major Activities: In 2019, KADA increased the support for anti-doping activities and established a partnership with the NADOs in Asia. KADA shared our various anti-doping experience and sent the experts to the major international sports events by cooperation with the other anti-doping agencies. Besides, the government of the Republic of Korea was re-elected as a WADA Foundation Board Member. It allowed us the opportunity to raise its reputation as a national anti-doping organization in the world. From 2020, the new three-year term began, and we are writing a new story with WADA.

KADA holds an international anti-doping seminar ever year to exchange practical anti-doping information and to seek advancement in anti-doping activities in Asia and Oceania.

Partnership with Anti-Doping Organizations in Asia and sharing the Anti-Doping Knowledge

2019 International Anti-Doping Seminar (Namdaemun in Seoul from June 27 to 28 of 2019)

KADA attends international conferences and seminars as many as possible. We share and learn anti-doping experience around the world to contribute to the development of the world's anti-doping policies and preservation of the spirit of sport.

Participation of KADA's International Conference and Seminar in 2019

No.	Event	Date & Location	Main Content
1	iNADO Workshop and WADA Symposium	10 – 16th of March, Lausanne, Switzerland	<ul style="list-style-type: none"> (iNADO Workshop) I&I case studies for KADA *Presenter: Saerom Lee, Senior Manager of Investigation Department (WADA Symposium) Revision of the Code and the International Standards
2	6th WADA International Conference and APP Training	7 – 12th of April, Maastricht and Nieuwegein, Netherlands	<ul style="list-style-type: none"> (WADA Conference) Trends, abuse, and counter measures of drugs used for performance enhancement (Gracenote Visit) APP operation training (NADO Visit) Study of the best practices on the operational plans for investigation and supplements research on the anti-doping act in the Netherlands
3	WADA Foundation Board Meeting	13 – 18th of May, Montreal, Canada	<ul style="list-style-type: none"> WADA Foundation Board Meeting, government representatives' meeting, Asian regional conference, and Asian finance committee Meeting with the medical and education departments of WADA



No.1 2019 WADA Symposium (Athlete Session)



No.3 Asia Regional Board Meeting (Korea, China, Japan, and Saudi Arabia)



No.4 Sydney APMU Training



No.6 The 1st CHINADA Anti-Doping Symposium



No.7 2019 JADA Anti-Doping Seminar



No.10 2019 the fifth World Conference on Doping in Sport



No.13 The 13th South Asian Games

4	ASDTL and ASADA APMU Training	18 – 24th of May, Sydney (ASDTL) and Canberra, Australia (ASADA)	<ul style="list-style-type: none"> (ASDTL) Introducing lab equipment and the progress and operation plans of the APMU application (ASADA) Precautions for ABP review, the features of ABP modules (blood and steroid), the review process of APMU expert opinion, etc.
5	Bhutan Anti-Doping Seminar	27th of May 1st of June, Paro, Bhutan	<ul style="list-style-type: none"> Presentation on the history and programs of KADA to coaches, executives, and staff from sports organizations in Bhutan *Presenter: Eunju Kil, Manager of Education Communication Department
6	1st CHINADA Anti-Doping Symposium	15 – 19th of July, Beijing, China	<ul style="list-style-type: none"> (CHINADA Symposium) Conducting and training anti-doping control for international events (Korea-China-Japan NADO CEO Meeting) Discussed on mutual cooperation among 3 NADOs for annual seminars, testing, athlete committees and other collaborative businesses
7	2019 JADA Anti-Doping Seminar	23 – 27th of September, Tokyo, Japan	<ul style="list-style-type: none"> (JADA Seminar) 2021 Amendment to the Code and the International Standards, the engagement of athletes, partnerships among ADOs, etc. *Participated in the Athletes' Panel & Play True Relay Interview: Lee Jung-min, a member of KADA Athletes' Committee (Japan NADO Visit) Meetings on introducing Sports Pharmacist System and Global DRO
8	Paperless Testing and Tokyo 2020 Test Events	1 – 5th of October, Tokyo, Japan	<ul style="list-style-type: none"> Paperless system training, demonstration, and practice Checking the system operation through the on-site observation of the 2020 Olympic test event
9	2019 USADA Anti-Doping Seminar	4 – 7th of October, Tokyo, Japan	<ul style="list-style-type: none"> The development trends and prospect of a mass spectrometer Performance profiling for effective target testing, etc.
10	2019 the fifth World Conference on Doping in Sport	4 – 9th of November, Katowice, Poland	<ul style="list-style-type: none"> WADA Foundation Board Meeting, government representatives' meeting, Asian regional conference, and Asian finance committee Approval of the 2021 amendment of the Code and the International Standards
11	SA-RADOTUE Training	10 – 13th of November, Kathmandu, Nepal	<ul style="list-style-type: none"> SA-RADOTUE lectures and operational know-how sharing *Presenter: Yu-jin Hong, Manager of Investigation & International Department
12	WADA Audit support	4 – 8th of November, Tashkent, Uzbekistan	<ul style="list-style-type: none"> Supported corrective actions required by the WADA Audit team (WADA- KADA- UzNADA Agreement) Experience sharing on Anti-doping education, testing, I&I, APMU, TUE, results management, etc. Supported the development of overall anti-doping programs
13	The 13th South Asian Games	30 of November, -11th of December, Kathmandu and Pokhara, Nepal	<ul style="list-style-type: none"> Supported doping control activities including the establishment of the TDP ADAMS management
14	Sydney APMU Meeting	10 – 14th of December, Canberra & Sydney, Australia	<ul style="list-style-type: none"> (ASADA Visit) Case studies on the ABP review (Sydney Lab Visit) Discussion on the ABP management with APMU and APMU operation in 2020

Role of the KADA to be a Leading Anti-Doping Agency

KADA has signed agreements with other anti-doping organizations in Asia and has supported various anti-doping activities.

2019 HIGHLIGHTS

The Support for New Anti-Doping Organizations in Asia regarding compliance with the Code and the International Standards

KADA signed a memorandum of understanding with WADA and Uzbekistan Anti-Doping Agency (UzNADA) (November 2019).

Operations on KADA second program for supporting Anti-Doping Activities

- △ Bhutan Anti-Doping Seminar: Lecture on KADA's history and programs (May 2019)
- △ TUE Training Course at the South Asian Regional Anti-Doping Organization (SARADO): Speech on the KADA's TUE operating system (November 2019)
- △ Supporting Anti-Doping Administration & Management System (ADAMS) at the 6th South Asian Games (November 30 - December 11, 2019)
- △ Signed an agreement with the International Sports Strategy Foundation (ISF, Chairman Seung-min Yoo) about the cooperation for anti-doping activities in sports (December 2019).

Enhancing the national status and utilizing global Anti-Doping trends to the domestic anti-doping policy

KADA is active in the global stage as a member of the WADA Foundation Board. KADA shares the results of international cooperation activities with KADA's all staff and adopts the latest anti-doping trends to the domestic anti-doping policy.

Effort to bring WADATUE Symposium to the Republic of Korea As a Foundation Board Member, KADA proposed hosting WADATUE Symposium in the Republic of Korea. (The proposal was submitted in August, 2019) → Successfully chosen as the host for the event.

Improving the Republic of Korea's worldwide status in the field of sports and anti-doping.

Achievement #5

The Republic of Korea was Re-elected as a WADA Foundation Board Member

In November of 2019, the Republic of Korea was re-elected as a WADA Foundation Board Member representing Asian region for three consecutive times. KADA has supported the government of the Republic of Korea through many international activities such as participation in the international seminars, meetings, international cooperation and communication.

The Term of a WADA Foundation Board Member

3 years (until December 31, 2022)

The History of The Republic of Korea with WADA

Since WADA was founded in 1999, the Republic of Korea served as a Foundation Board Member until 2006. However, South Korea lost the position of Foundation Board member for 8 years and regained it from 2014 to 2022.

Board Member

The Second Vice Minister of Culture, Sports and Tourism

Implications

- Raising the Republic of Korea's status in international sports community
- Engaging in a decision-making process of WADA as a decision body
- Expanding international cooperation activities and anti-doping information sharing network
- Developing global cooperation system for anti-doping



2019 Play True Day Celebration with the winners of the contest (April 10, 2019)



2019 KADA International Anti-doping Seminar in Asia & Oceania (June 27-28, 2019)



2019 Re-accreditation training for DCOs/BCOs (November 30, 2019)



2019 Re-accreditation training for educators (November 23, 2019)

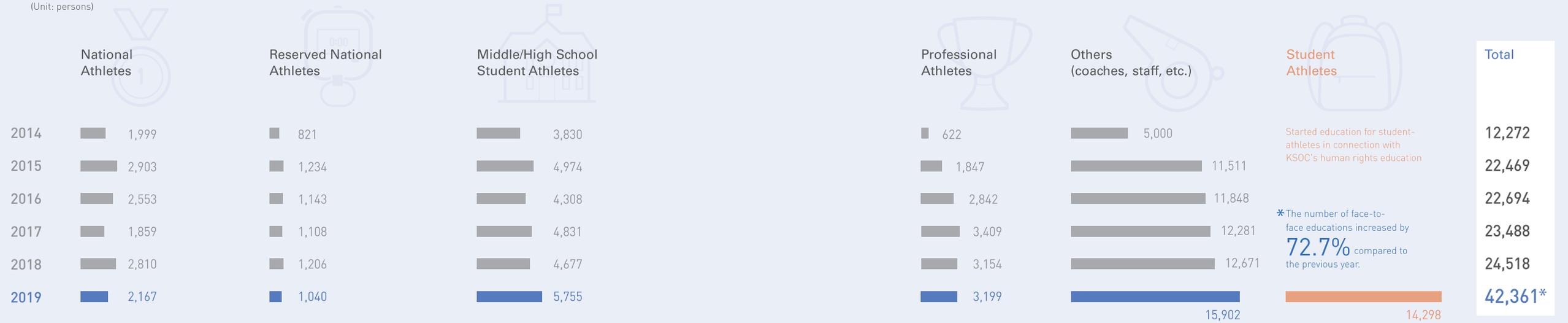
Anti-Doping Activities by Number

Number of participants in anti-doping education

The most crucial factor to avoid doping is education. KADA provides anti-doping courses to athletes, striving to prevent doping in sports. Also, KADA launched face-to-face training for student athletes in 2019.

1) Face-to-Face Anti-Doping Education Personnel

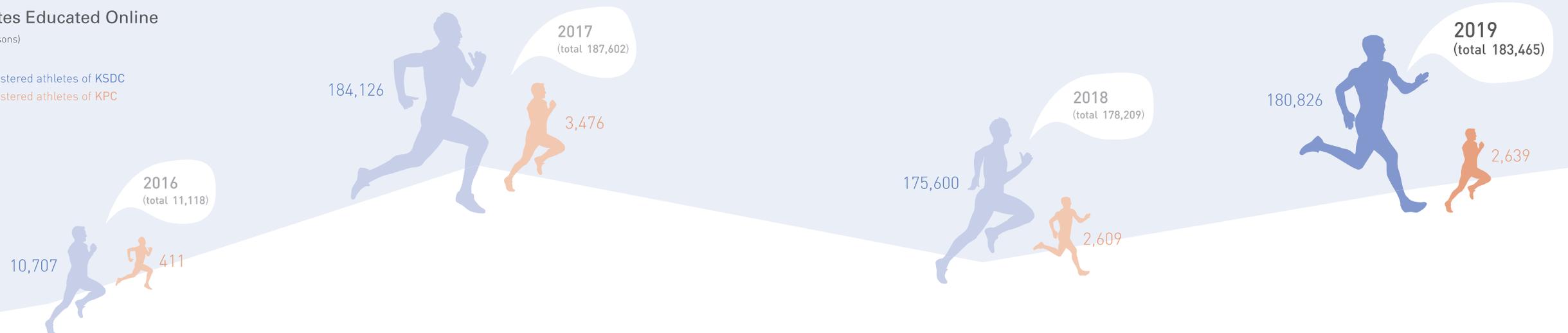
(Unit: persons)



2) Athletes Educated Online

(Unit: persons)

Registered athletes of KSDC
Registered athletes of KPC



Anti-Doping Educators

Cooperating with the Ministry of Education, KADA trained 179 new anti-doping educators affiliated with local offices of education (2018-2019) to raise awareness about anti-doping between student athletes.

KADA's professional educators dedicated to anti-doping activities

(Unit: persons)



Testing Numbers

The number of tests conducted by KADA has been steadily increased year by year.

■ IC
■ OOC



***Doping Controls for Professional Sports**
Aided by governmental grants since 2016, according to the National Sports Promotion Act (revised on May 18, 2015).

ADRVs (Anti-Doping Rule Violations)

ANTI-DOPING ACTIVITIES BY NUMBER

KADA catches anti-doping rule violations from in-competition (IC) and out-of-competition (OOC) testing at national championships organized by KSOC and KPC and manages the identified cases.



Doping Violations by Sports



The number of doping rule violations by sports has gradually decreased. In particular, the number of cases in bodybuilding has dropped significantly.

***Number of doping violations by sport in 2019**
14 cases in weightlifting for the disabled, 1 in weightlifting, 1 in athletics, 7 in bodybuilding, and 4 in baseball

*Cumulative data between 2014 and 2018

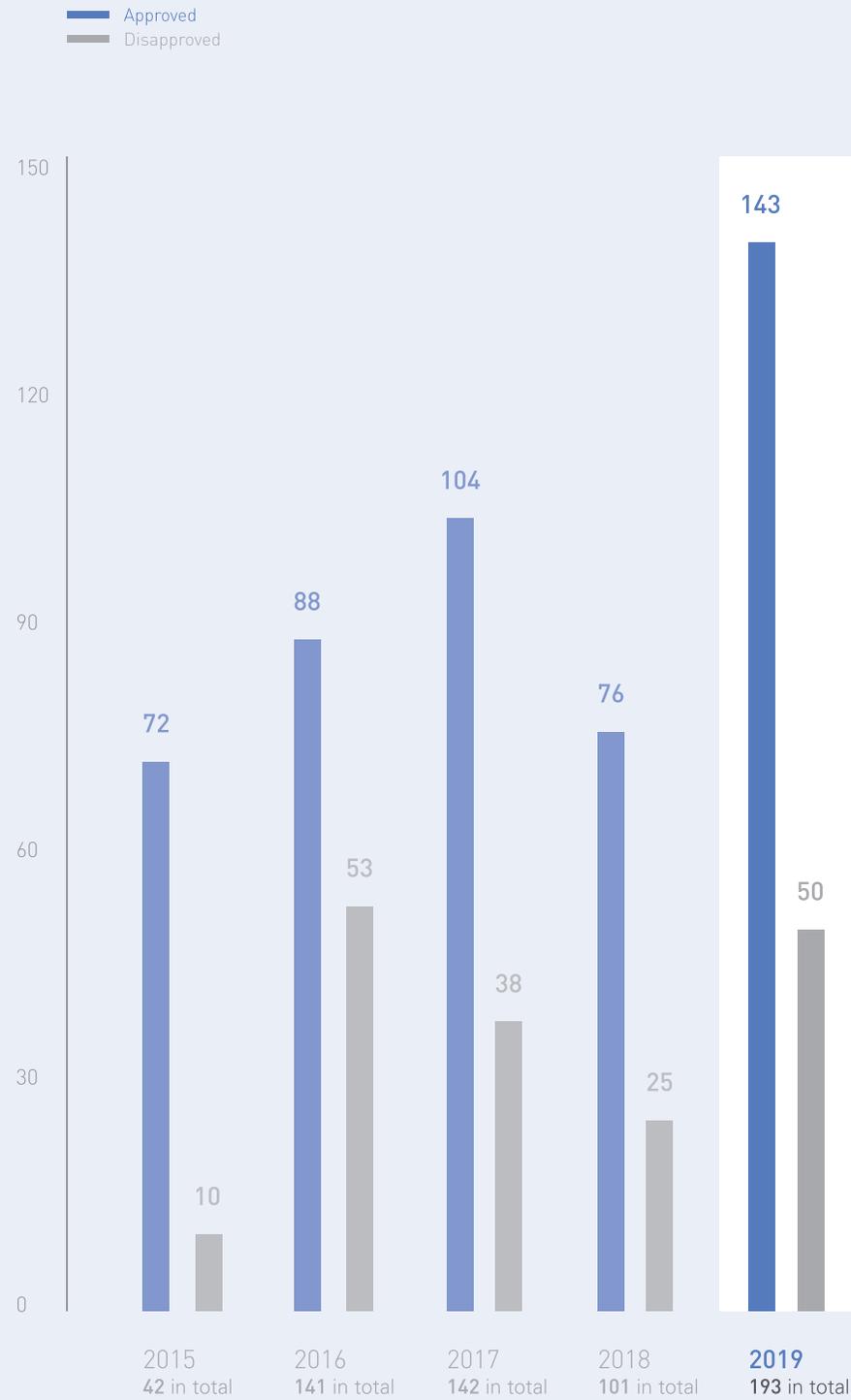
* Listed in alphabetical order

Sport	Cases	Sport	Cases	Sport	Cases
Aquatics	1	Ice Hockey	1	Rugby Union	2
Archery	1	Para-Archery	1	Shooting	1
Athletics	2	Para-Archery	1	Shooting Para Sport	2
Basketball	2	Para-Athletics	1	Taekwondo	2
Bodybuilding	117	Para-Golf	1	Traditional Archery	2
Bowls	4	Para-Powerlifting	2	Underwater Sports	1
Canoe/Kayak	2	Para-Rowing	1	Volleyball	1
Cycle	2	Para-Swimming	3	Waterskiing	1
Curling	1	Para-Taekwondo	2	Weightlifting	5
Football	2	Para-Table Tennis	1	Wheelchair Fencing	1
Gymnastics	1	Professional Baseball	3	Wrestling	2
Handball	1	Professional Golf	2	Wushu	1

TUE (Therapeutic Use Exemptions)

ANTI-DOPING
ACTIVITIES
BY NUMBER

Athletes have the right to use medications necessary to treat disease or injury. If they need to use specific drugs or methods that are in the Prohibited List for therapeutic purposes, they must obtain approval through the TUE system.



Prohibited Substance Search Service

KADA provides the Prohibited Substance Search Service based on the WADA' Prohibited List released at the beginning of each year.

2015

Athletes	29,857
Doctors/Pharmacists	6,167
Coaches	2,750
Sports Organizations	-
KADA	-
Others	14,250
Total	53,024

2016

Athletes	43,186
Doctors/Pharmacists	5,934
Coaches	3,205
Sports Organizations	-
KADA	-
Others	17,382
Total	69,070

2017

Athletes	56,525
Doctors/Pharmacists	9,940
Coaches	3,523
Sports Organizations	422
KADA	665
Others	7,748
Total	78,823

2018

Athletes	54,008
Doctors/Pharmacists	11,456
Coaches	2,998
Sports Organizations	407
KADA	613
Others	9,117
Total	78,599

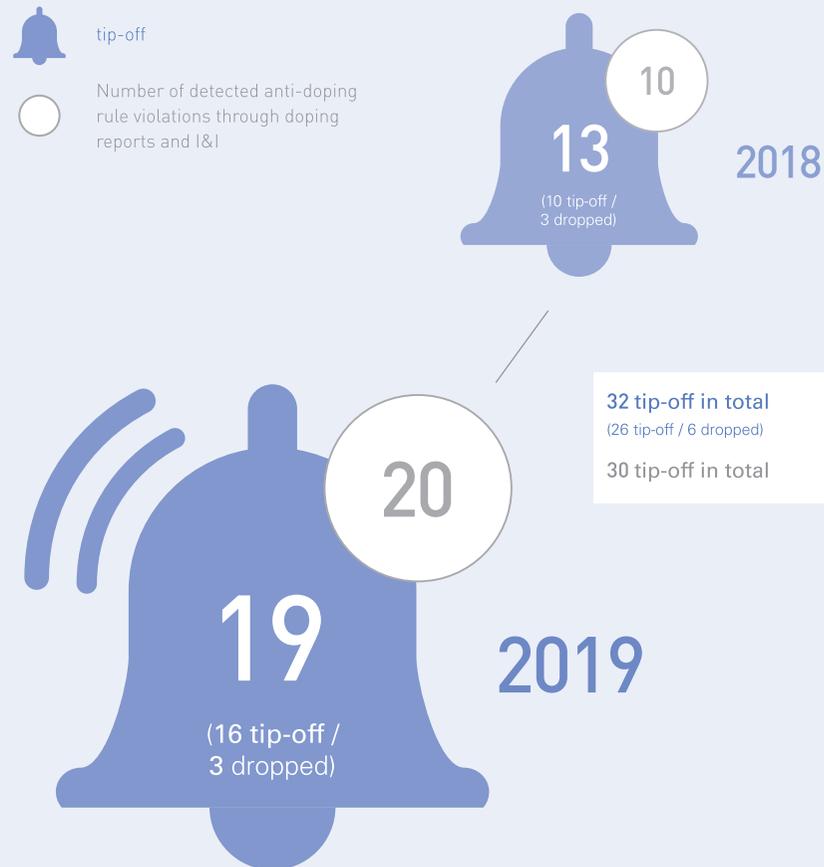
2019

Athletes	65,978
Doctors/Pharmacists	8,801
Coaches	3,057
Sports Organizations	398
KADA	-
Others	9,628
Total	87,862

Whistleblowing (tip off) and Violation Statistics

KADA has created a channel in 2018 to receive tip-off for suspected doping and there is a special department to process and handle tip-off. It is a part of the effort to build more rigorous anti-doping network. Our organization also exchanges doping intelligence with related agencies including MFDS, police, and customs authorities.

Anyone who observes any attempt to use any prohibited substances, or knows someone who buys, possesses, or trades such drugs may tip-off at any time.



ABP Review

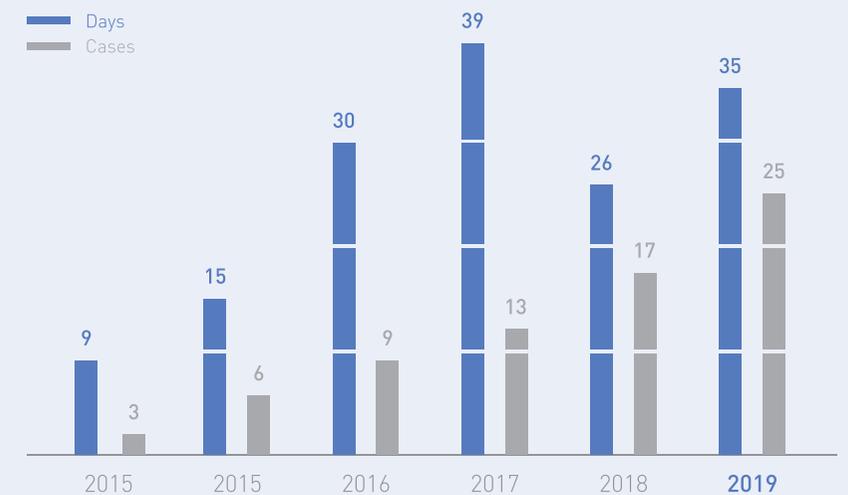
ANTI-DOPING
ACTIVITIES
BY NUMBER

The purpose of ABP review is to control doping more precisely for the cases that athletes take medications in small doses or intermittently. In 2019, KADA built up a full-scale workforce to start ABP review, planning to expand and implement ABP programs for sports with the higher risk of doping.



Outreach

KADA provides outreach program to athletes and related personnel at major national sport events. Participants in KADA activities take quizzes of WADA, have a personal Q&A time, and receive souvenirs.





STATISTICS

Government-funded and User-pay testing

Cost-funding	Test Type		Sample Type		Total
	IC	OOC	Urine	Blood	
GFT	3,192	2,302	5,017	477	5,494
UPT	533	628	1,061	100	1,161
Total	3,725	2,930	6,078	577	6,655

*GFT Government-funded testing. It is conducted with the KSPO fund according to the KADA's annual Testing Distribution Plan (TDP)

*UPT User-pay testing. It is conducted at the request of sport organizations such as international federations that are responsible for paying the cost of testing.

Government-funded testing

—
For each national federation of KSOC

* Listed in alphabetical order

Sport	Test Type		Sample Type		Total
	IC	OOC	Urine	Blood	
Aquatics	118	130	227	21	248
Archery	35	20	55	0	55
Athletics	184	124	276	32	308
Badminton	33	33	60	6	66
Baseball	69	47	107	9	116
Basketball	43	34	71	6	77
Biathlon	18	14	27	5	32
Billiards Sports	3	0	3	0	3
Bobsleigh	14	12	23	3	26
Bodybuilding	27	34	50	11	61
Bowling	13	8	21	0	21
Boxing	28	35	58	5	63
Canoe/Kayak	75	70	130	15	145
Curling	34	12	46	0	46
Cycling	87	108	163	32	195
Dance Sport	25	0	20	5	25
Equestrian	13	7	18	2	20
Fencing	64	49	107	6	113
Field Hockey	25	23	44	4	48
Football	49	59	101	7	108
Go	2	0	2	0	2
Golf	37	15	49	3	52
Gymnastics	53	52	97	8	105
Handball	35	56	85	6	91
Ice Hockey	31	50	75	6	81

Sports	Test Type		Sample Type		Total
	IC	OOO	Urine	Blood	
Judo	40	44	78	6	84
Kendo	17	0	16	1	17
Kickboxing	7	0	6	1	7
Luge	0	4	3	1	4
Modern Pentathlon	18	19	35	2	37
Mountaineering and Climbing	6	0	5	1	6
Roller Sports	57	29	77	9	86
Rowing	37	47	71	13	84
Rugby Union	45	60	97	8	105
Sailing	36	34	61	9	70
Sepaktakraw	7	9	16	0	16
Shooting	58	41	99	0	99
Skating	115	90	181	24	205
Skiing	67	118	158	27	185
Soft tennis	12	7	17	2	19
Softball	10	3	13	0	13
Sport Climbing	15	18	27	6	33
Squash	4	6	9	1	10
Table Tennis	22	23	43	2	45
Taekwondo	42	43	79	6	85
Tennis	31	21	50	2	52
Traditional Archery	8	0	8	0	8
Triathlon	27	39	55	11	66
Underwater Sports	10	11	19	2	21
Volleyball	49	49	93	5	98
Waterskiing	17	0	14	3	17
Weightlifting	45	45	80	10	90
Wrestling	94	83	161	16	177
Wushu	11	14	21	4	25
Total	2,022	1,849	3,507	364	3,871

Government-funded testing

For each national federation of KPC
* Listed in alphabetical order

Sport	Test Type		Sample Type		SubTotal
	IC	OOO	Urine	Blood	
Archery	4	0	4	0	4
Badminton	5	0	4	1	5
Basketball	4	6	8	2	10
Boccia	2	0	2	0	2
Canoe/Kayak	4	0	3	1	4
Curling	2	0	2	0	2
Cycling	12	26	29	9	38
Fencing	8	5	11	2	13
Football 5-a-Side	11	5	14	2	16
Goalball	5	0	4	1	5
Judo	7	7	12	2	14
Para-Alpine Skiing	5	0	4	1	5
Para-Athletics	34	32	52	14	66
Para-Biathlon	5	6	9	2	11
Para-Bowls	3	0	3	0	3
Para-Cross Country Skiing	11	0	9	2	11
Para-Ice Hockey	5	5	8	2	10
Para-Powerlifting	8	8	12	4	16
Para-Snowboard	4	0	3	1	4
Para-Swimming	10	10	16	4	20
Rowing	6	0	5	1	6
Rugby Union	4	6	8	2	10
Shooting Para Sport	4	5	9	0	9
Sitting Volleyball	5	13	16	2	18
Table Tennis	6	5	9	2	11
Triathlon	4	0	3	1	4
Taekwondo	6	6	10	2	12
Tennis	5	5	8	2	10
Total	189	150	277	62	339

User-pay testing

* Listed in alphabetical order

Sport	Test Type		Sample Type		SubTotal
	IC	OOB	Urine	Blood	
Archery	0	10	10	0	10
Athletics	70	0	70	0	70
Badminton	23	110	93	40	133
Baseball	33	154	187	0	187
Boccia	4	4	8	0	8
Bodybuilding	26	18	41	3	44
Bowling	0	1	1	0	1
Curling	0	8	8	0	8
Cycling	3	0	3	0	3
e-Sports	3	0	3	0	3
Fencing	17	8	24	1	25
Go	4	0	4	0	4
Handball	10	23	30	3	33
Judo	0	12	12	0	12
Jujutsu	10	0	10	0	10
Kendo	0	3	3	0	3
Mixed Martial Arts	8	110	112	6	118
Mountaineering and Climbing	4	0	4	0	4
Muay Thai	10	4	13	1	14
Para-Athletics	2	0	2	0	2
Para-Cross Country Skiing	0	2	1	1	2
Rowing	8	0	8	0	8
Rugby Union	20	0	19	1	20
Sambo	15	0	15	0	15
Savate	6	0	6	0	6
Shooting	10	2	12	0	12
Skating	24	55	53	26	79
Table Tennis	6	8	14	0	14
Taekwondo	24	5	28	1	29
Triathlon	46	0	46	0	46
Underwater Sports	0	8	5	3	8
Volleyball	4	0	4	0	4
Weightlifting	0	46	41	5	46
Wrestling	30	0	30	0	30
Wushu	16	0	16	0	16
Total	436	591	936	91	1,027

Professional Sports

* Listed in alphabetical order

Sport	Test Type		Sample Type		Total
	IC	OOB	Urine	Blood	
Baseball	306	63	345	15	369
Basketball	206	72	263	15	278
Football	154	62	205	11	216
Golf	167	65	228	4	232
Volleyball	148	41	183	6	189
Total	981	303	1,233	51	1,284

Cycle / Motorboat Racing

* Listed in alphabetical order

Sport	Test Type		Sample Type		Total
	IC	OOB	Urine	Blood	
Cycle racing	74	31	98	7	105
Motorboat racing	23	6	27	2	29
Total	97	37	125	9	134

RTP

* Listed in alphabetical order

Sport of Athletes	Sport of Athletes	Sport of Athletes		
Alpine Skiing	6 Equestrian	1 Rugby Union		2
Aquatics	7 Fencing	4 Rugby (Wheelchair Rugby)		1
Archery	2 Field Hockey	2 Sepaktakraw		1
Athletics	7 Football	2 Shooting		4
Badminton	3 Golf	1 Skating		10
Baseball	2 Gymnastics	2 Table Tennis		3
Basketball	1 Handball	2 Taekwondo		3
Biathlon	2 Ice Hockey	3 Tennis		2
Bobsleigh	2 Judo	4 Triathlon		2
Bodybuilding	2 Modern pentathlon	1 Underwater Sports		2
Boxing	2 Mountaineering and Climbing	2 Volleyball		2
Canoe/Kayak	4 Para-Athletics	1 Weightlifting		4
Curling	1 Para-Swimming	1 Wrestling		5
Cycling	6 Roller Sports	3		
Cycling (Para-Cycling)	1 Rowing	2	Total	120



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