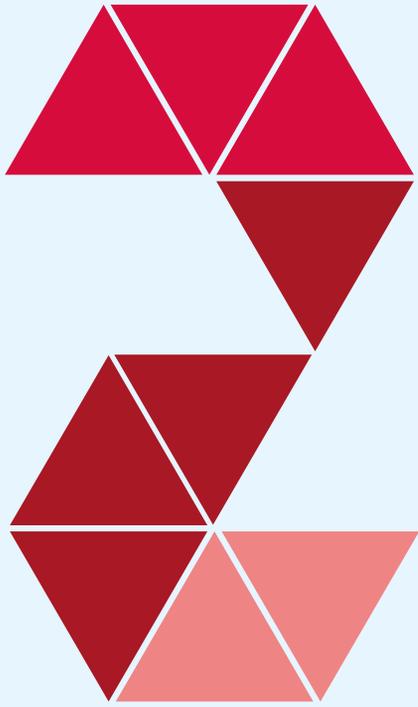


KOREA ANTI-DOPING AGENCY
2022 ANNUAL REPORT



KOREA
ANTI-DOPING AGENCY



2022
ANNUAL REPORT



Contents

04 Greetings

08 About KADA

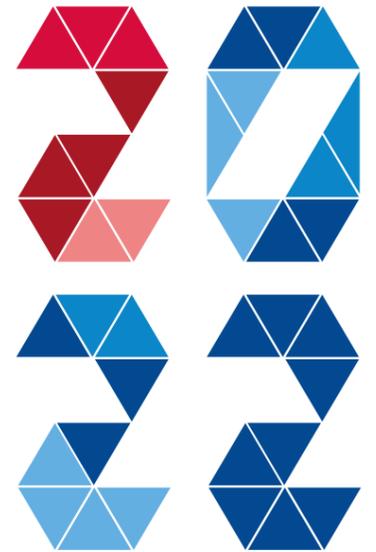
12 2022 By the Numbers

18 Key performances of KADA in 2022

I. Protect athletes

II. Protect sports

III. Protect together



2022 ANNUAL REPORT
KOREA ANTI-DOPING AGENCY

Korea Anti-Doping Agency is striving to protect athletes against doping and make contributions towards enhancement of fairness in sports.

It was possible to experience the enthusiasm towards sports in many sports competitions in 2022 due to subsiding of the proliferation of COVID-19 in comparison to the previous years. Korea Anti-Doping Agency also strove to put in extensive range of efforts to firmly safeguard the value of sports in the midst of such enthusiasm through reorganization. KADA has been pursuing thus far.

First, KADA successfully won the bid to hold the 2025 World Conference on Doping in Sport in Korea jointly with Busan Metropolitan City for the first time in Asian, and an executive of Korea Anti-Doping Agency was selected to WADA NADO Expert Advisory Group. In addition, Korea Anti-Doping Agency managed to increase its international influences by disseminating advanced anti-doping technologies to numerous NADOs and RADOs.

Second, Korea Anti-Doping Agency strengthened its public relations function by newly establishing Public Relations Department. The Department took effective measures to enhance international public relations based on promotional strategies capable of having the outstanding performances of the Agency be known widely and, through such measures, it was possible to induce interests not only athletes but also of greater proportion of the general public towards anti-doping.

Third, internal changes were implemented to increase the productivity of the organization and level of work satisfaction of staffs and executives. We established foundation for enjoyment of leisure activities through building up of system to support such enjoyment and this contribution we made in proliferation of leisure-enjoyment culture within the organization led to our acquisition of 'Leisure Friendly Certification'.

Along with the current increase in enthusiasm towards sports, Korea Anti-Doping Agency will also put in more extensive efforts to safeguard such enthusiasm. I would like to convey my sincere gratitude to all those who have assisted in the growth and advancement of Korea Anti-Doping Agency and look forward to your continued interest and encouragement.

Thank you.

President of Korea Anti-Doping Agency

LEE Young-Hee

We will put our utmost efforts to fulfill our responsibilities as the national anti-doping organization.



My name is Kim Kum-Pyoung and I am the Secretary General of Korea Anti-Doping Agency. I am delighted to report that 2022 was an year in which Korea Anti-Doping Agency managed to achieve marked growth and advancements. We will put even more efforts to continually grow and progress in 2023 on the strengths of such achievements we made last year.

First, we will overhaul our education delivery system to ensure our anti-doping education is meticulously and thoroughly delivered to athletes. We will provide educational curriculum through which the learners can sympathize with the values of sports and anti-doping rather than attending them obligatorily without much interest. KADA will be establishing environment under which athletes can protect themselves through such education.

Second, we will strengthen cooperation with domestic medical and pharmaceutical sectors. Although many scholars are interested in the topic of ‘doping’, it still remains a fairly unknown area. Accordingly, we will put our utmost efforts to further invigorate anti-doping activities through close

cooperation with experts in a wide range of areas including universities and association of pharmacists, etc. in Korea.

Third, we will strive to enhance the global influence of Korea Anti-Doping Agency. We were able to substantially enhance the international status of Korea Anti-Doping Agency in 2022 along with numerous international achievements including winning the bid to hold 2025 World Conference on Doping in Sport in Korea. On the strengths of such progresses we made, we will continue to propagate the values of Korea Anti-Doping Agency and anti-doping in the global state through diversified international activities including knowledge sharing program, etc. in 2023.

I firmly believe Korea Anti-Doping Agency was able to grow due to the assistance and interests of many people. I would like to convey my sincere gratitude to all those who provided unsparing assistance and interest, and we will continue to put our utmost efforts to fulfill our responsibilities as the national anti-doping organization of Korea.

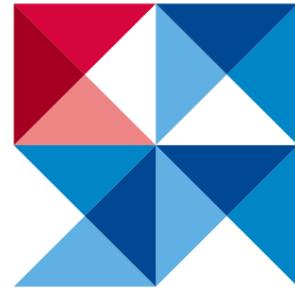
Thank you.

Secretary General of Korea Anti-Doping Agency

KIM Kum-Pyoung



Management philosophies of Korea Anti-Doping Agency



KADA

KOREA ANTI-DOPING AGENCY

Mission

Protecting Athlete's Health from Doping, Creating a Fair Sports Environment

Vision

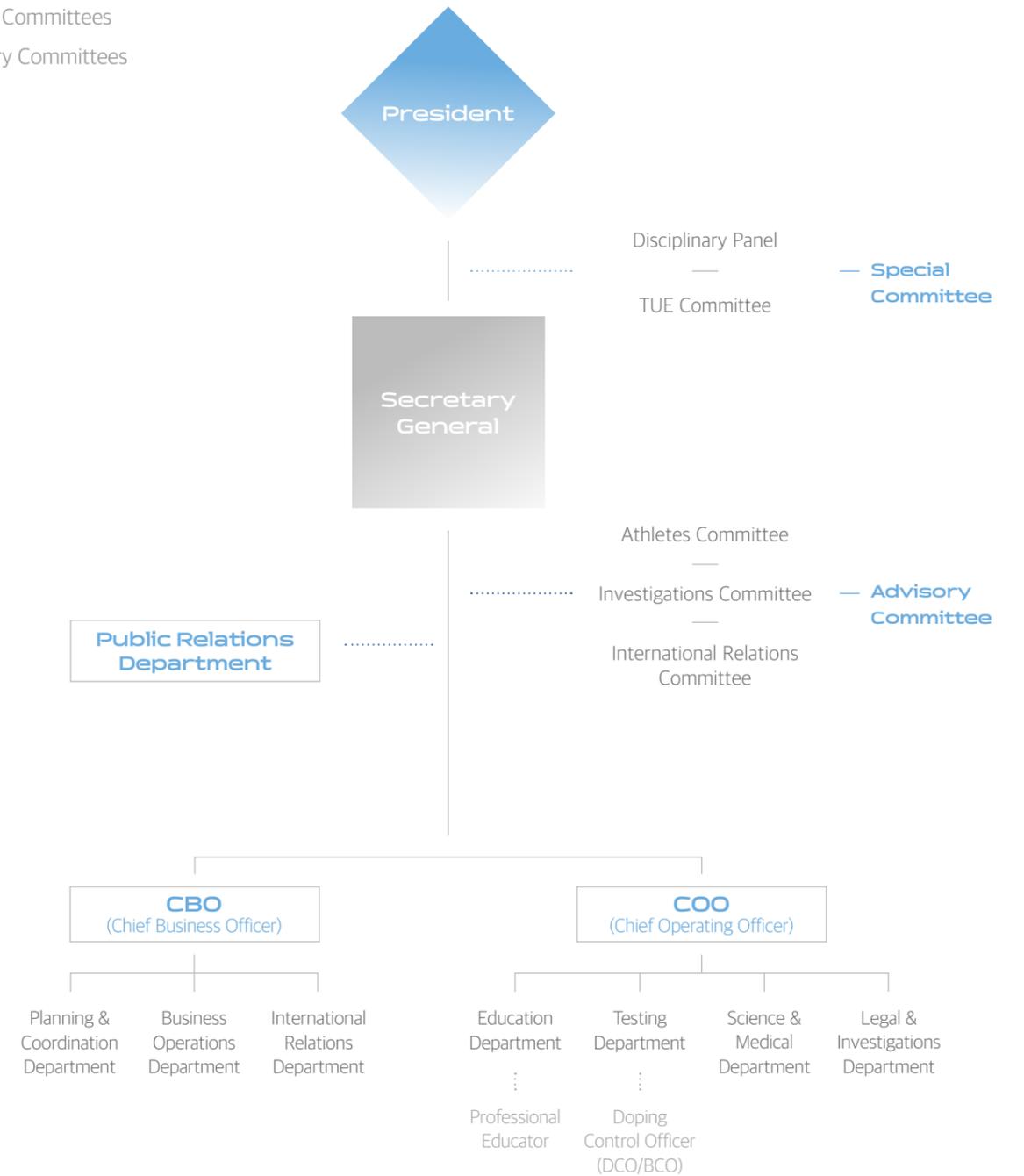
Creating an Environment for Clean Sports

Core Value

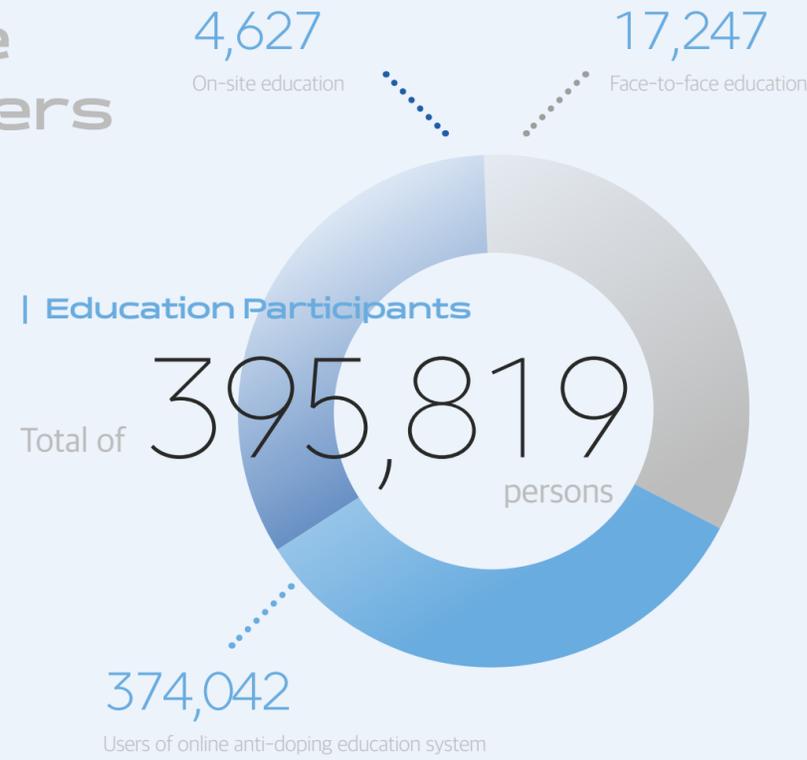


Organization Chart

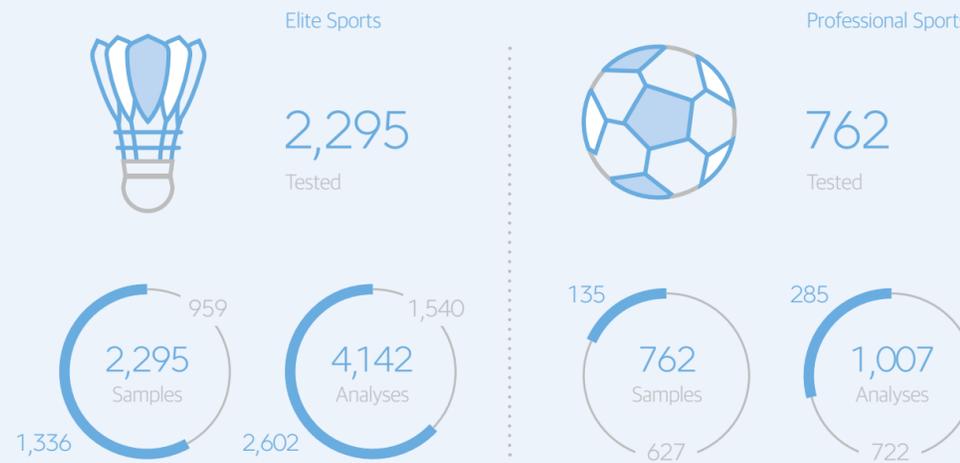
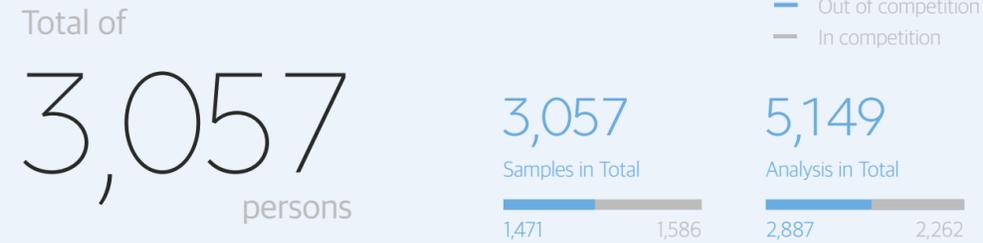
- 2 Divisions, 8 Departments
- 2 Special Committees
- 3 Advisory Committees



2022 By the Numbers



| Testing (specialized, professional), Analysis (specialized, professional)



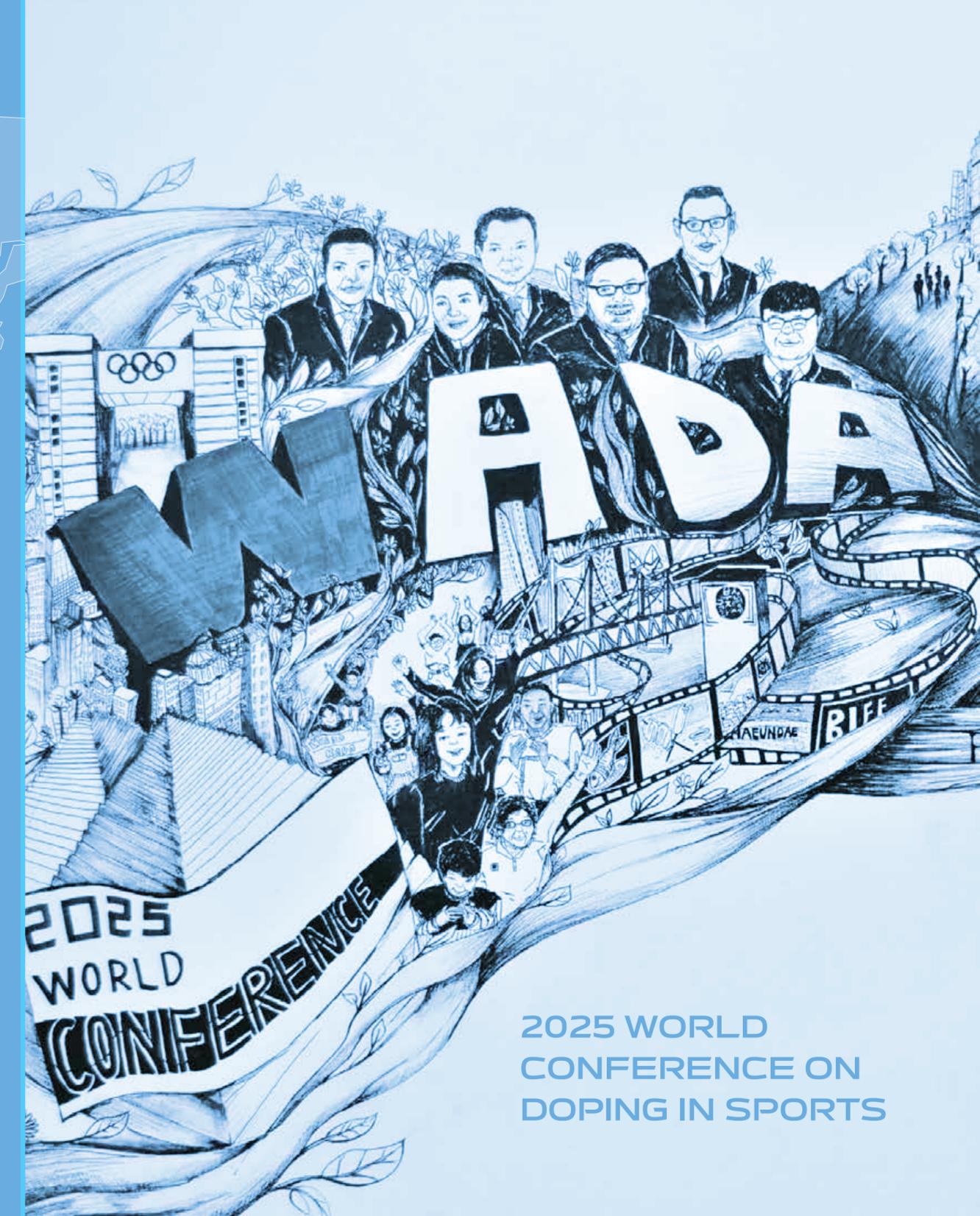
| Results Management

(Decision through hearing, Decision without hearing)



First in Asia to win bid to hold 2025 World Conference on Doping in Sport

First in Asia to win bid to hold 2025 World Conference on Doping in Sport



2025 WORLD
CONFERENCE ON
DOPING IN SPORTS

I. Protect athletes

Anti-doping Education Activities

Educational performances for each subject category

Total of **391,289** persons comparison to previous year
41% increase
 276,581 persons in 2021

374,042

Offline Education

Categories	Persons
Student-Athletes	3,771
Elite sports (adult) players	383
Professional sports athletes	2,687
National team members and other athletes	3,528
Athlete Support Personnel	6,878
Total	17,247

Online Education

Categories	Persons
Mandatory education for athletes registered with the Korean Sport & Olympic Committee (Korea Paralympic Committee)	348,011
Online Anti-Doping education centers of KADA	26,031
Total	374,042

17,247

comparison to previous year
131% increase
 7,441 persons in 2021



Face-to-face education performances



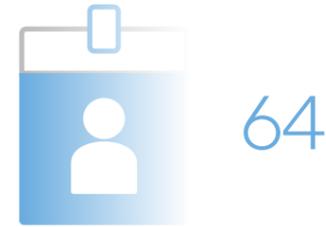
Online education performances

comparison to previous year
38% increase
 269,140 persons in 2021

Operating Educators

Educator Performance

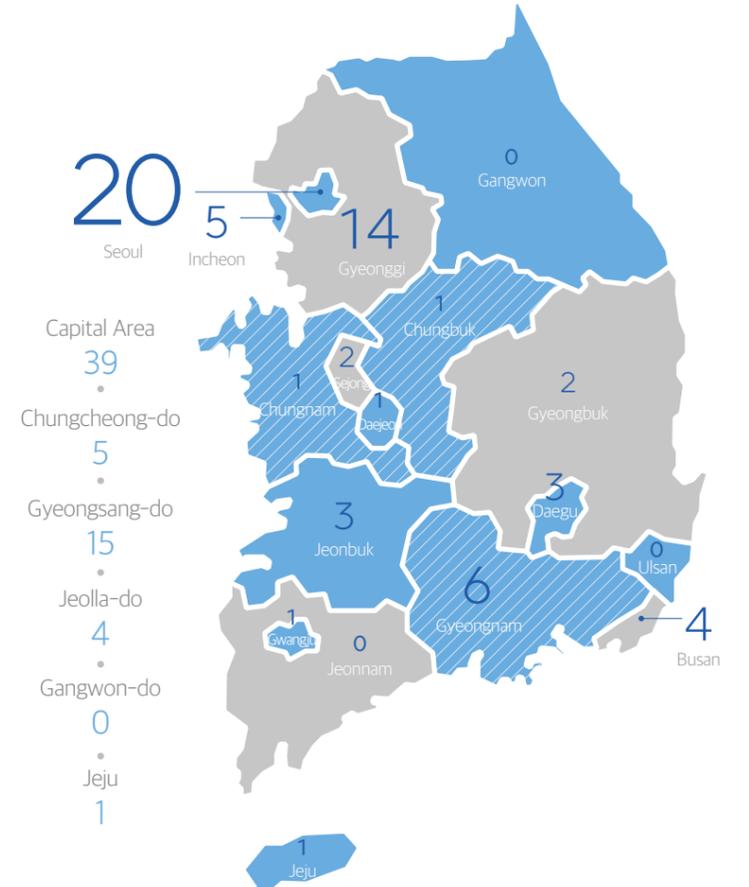
Qualified Anti-Doping Educators in 2022
 (including 6 athletes committee members)



Number of Lecturing in 2022



Regional Distribution



Education Programs for Educators

- Empowerment of the capabilities of lecturers is pursued through workshop, refresher training and continuous feedback in order to provide more effective anti-doping education.
- Workshop **22 educators** participation / Refresher training **52 educators** participation



Educators workshop



Educators refresher training

| Outreach with Mobile Anti-Doping Class

- KADA implemented anti-doping on-site education through operation of mobile anti-doping classes by visiting various sites.
- **Contents** Experiencing VR doping testing, searching prohibited substances, quiz, pledge for clean sport, anti-doping video education, etc.



Anti-doping education through linkage with diversified contents!

- Participation of child and youth athletes from schools, clubs etc.



Total of 26



Participation of 4,001

Mobile Anti-doping class on site

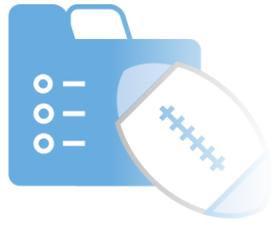


| Anti-doping seminar for sports organizations

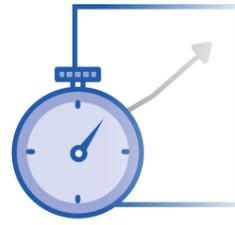
- Pass on the latest anti-doping information to sports administrators and fulltime coaches, and establish foundation for establishment of effective anti-doping policies by collecting the on-site opinions.

- Key programs

- Deliver anti-doping education to sports organization and provide guidance on value-based educational curriculum
- Information on key changes in the international standard and prohibited list, etc.



sports administrators 101



fulltime coaches 20



| Research for anti-doping contents in textbooks

- Establish 'Vision 2030', a mid to long-term anti-doping education advancement strategy!

Vision of Education	Establish fair sports culture through specialized (value-based) anti-doping education
Strategies to be pursued	<ul style="list-style-type: none"> · I Educational direction and contents I Cultivate value-based anti-doping capabilities · I Educator I Cultivate specialized anti-doping educators · I Education system I Establish cooperative governance
Core values	Fairness, health, courage, respect, honesty, responsibility, cooperation, enjoyment, self-control and pursue excellence
10 major tasks	<ul style="list-style-type: none"> · Develop value-based anti-doping education curriculum · Advancement of teaching/learning method · Improve educators operation system · Establish PR system for establishment of value-based anti-doping culture · Enhance specialization in operation of KADA education · Develop lesson plans customized for each of targets · Establish continuous improvement system through monitoring and evaluation · Discover and improve expertise of educators · Supplement anti-doping (education) guidelines and system · Establish cooperative anti-doping (education) governance

- Establish Korean anti-doping educational program, 'Value-Based Educational Curriculum'



Subjects	Value-based contents	Anti-doping related information (Article 5.2 of International Education Standards)
student-athlete	Fair play	Self-control
	Joy	Responsibility
	Fairness	Self-respect
		<ul style="list-style-type: none"> · 11 educational contents of 'Article 5.2 of International Education Standards' including doping results (physical, psychological, social and economic effects) and risks in using supplements, etc. · Violation of anti-doping regulations of and consequences thereof by KADA

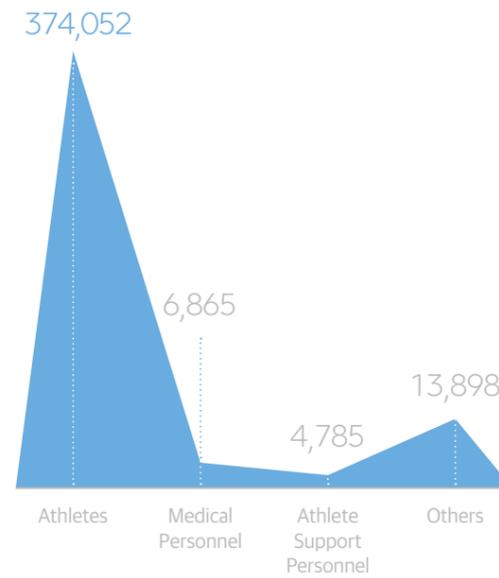
Anti-doping education contents system for middle school students (example)

Prohibited Substance related service

(Search service, Therapeutic Use Exemption)

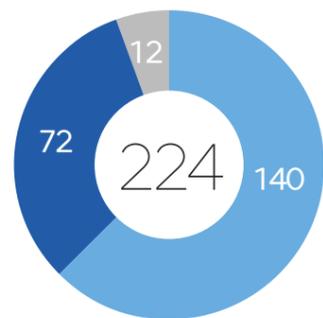
Prohibited Substances Search Engine

399,600



Therapeutic Use Exemption Case Reviews

- Approved
- Denied
- Returned



- TUE application by Prohibited Substance

Prohibited Substance	Approved	Denied	Returned
S0. Non-approved substances	-	-	-
S1. Anabolic agents	1	-	-
S2. Peptide hormones, growth factors, related substances, and mimetics	4	3	-
S3. Beta-2 agonists	-	3	-
S4. Hormone and metabolic modulators	10	-	-
S5. Diuretics and masking agents	12	5	-
S6. Stimulants	23	4	1
S7. Narcotics	12	2	-
S8. Cannabinoids	-	-	-
S9. Glucocorticoids	76	55	11
P1. Beta-blockers	1	-	-
M1. Blood and blood ingredient manipulation	1	-	-
Total	140	72	12



2022
ANNUAL REPORT

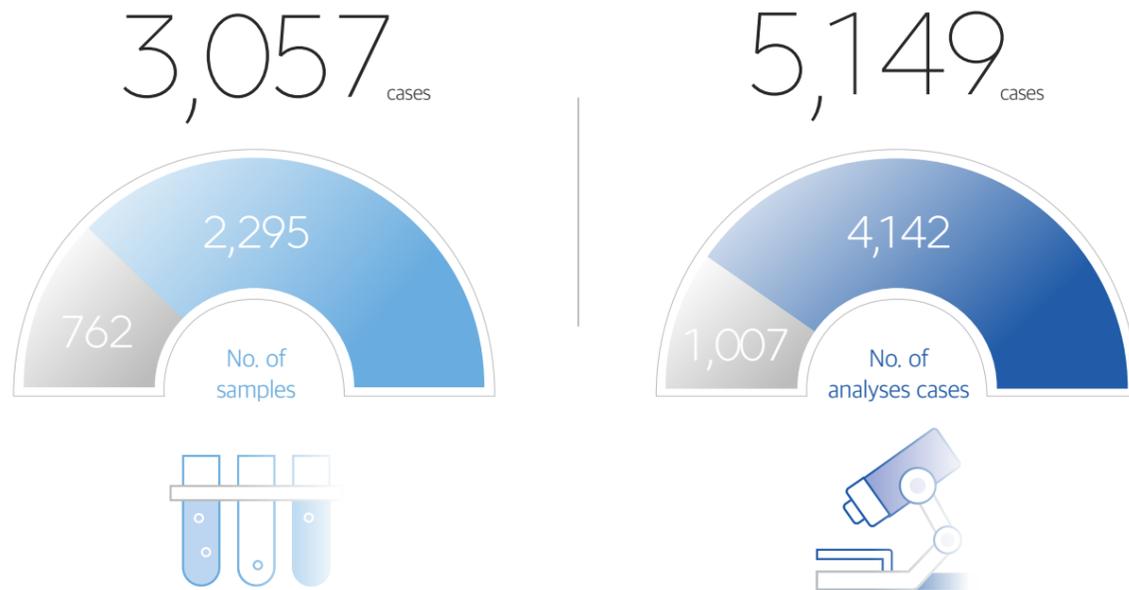
KOREA
ANTI-DOPING
AGENCY

II. Protect sports

Testing Activities

| Doping test performances for each target subject

● Elite sports ● Professional sports



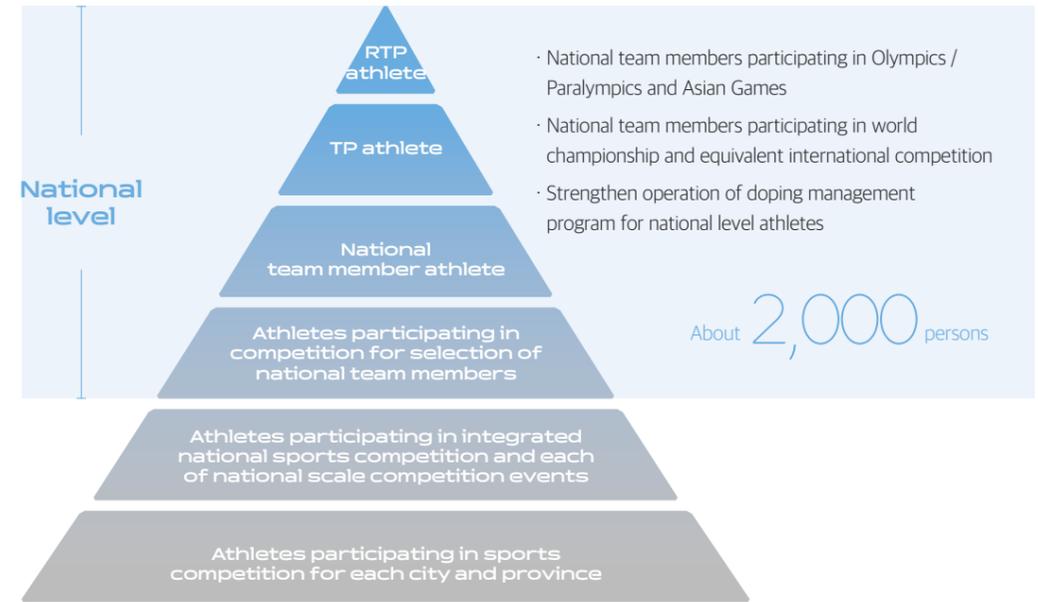
2022 Testing	Test type	No. of samples	No. of analyses
Elite sports	In competition	959	1,540
	Out of competition	1,336	2,602
Professional sports	In competition	627	722
	Out of competition	135	285
Total	In competition	1,586	2,262
	Out of competition	1,471	2,887

* No. of sample No. of cases of sample collection for doping test

* No. of testing No. of cases for which analysis was made through diversified testing methods on collected samples

| Expanded operation of Registered Testing Pool (RTP) / Testing Pool (TP) (doping test on national level athletes)

- Operation of fortified doping management program for 'national level athletes' in accordance with the revision of 「World Anti-Doping Code」 and 「Korea Anti-Doping Rules」 in 2021

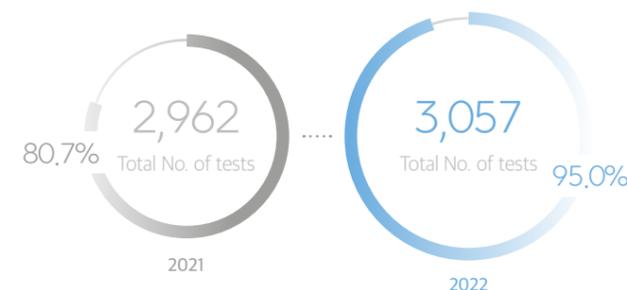


Categories	2021	2022	Remarks
RTP / TP athletes	180	200	111% (increase of 20 athletes)
RTP/TP test plan (No. of times)	463	620	34% increase

** Registered Testing Pool (RTP) / Testing Pool (TP) athletes

- National level athlete with highest priority for doping management who is maintaining the highest/second highest performances in competitions

| Expanded implementation of paperless doping testing



- Enhance convenience of athlete through shortening of time consuming for sample collection process
- **Reduce cost** through reduction in use of paper!
- Improve satisfaction score level of athletes in paperless doping test (90.6 in '21 and **98.9 in '22**)

Categories	No. of paperless testing
2021 (Year-around)	2,390
2022 (Year-around)	2,905

| Doping test performances for each sports event

- Specialized sports

(Unit: Cases)

Olympic Sports	Total No. of tests	No. of cases analyzed				
		Urine	Blood	In competition	Out of competition	Total
1 Karate	4	6	2	0	8	8
2 Kendo	4	6	1	7	0	7
3 Golf	14	16	1	9	8	17
4 Modern pentathlon	21	25	3	9	19	28
5 Basketball	39	59	10	27	42	69
6 Billiard	8	8	0	8	0	8
7 Dance sports	19	25	3	23	5	28
8 Rugby	32	46	6	20	32	52
9 Wrestling	106	166	35	79	122	201
10 Roller	14	24	3	21	6	27
11 Luge	6	7	1	2	6	8
12 Baduk	4	4	0	4	0	4
13 Biathlon	24	45	21	21	45	66
14 Volleyball	22	27	2	12	17	29
15 Badminton	33	49	8	15	42	57
16 Body building	40	79	27	40	66	106
17 Boxing	23	37	8	16	29	45
18 Bowling	6	6	0	2	4	6
19 Bobsleigh	27	36	6	14	28	42
20 Ice skating	122	204	55	81	178	259
21 Shooting	74	75	0	31	44	75
22 Mountain climbing	26	36	5	12	29	41
23 Sepaktakraw	9	9	0	4	5	9
24 Softball	12	15	1	6	10	16
25 Water ski	4	8	2	10	0	10
26 Swimming	159	241	43	108	176	284
27 Squash	3	5	1	1	5	6
28 Ski	92	151	36	56	131	187
29 Equestrian	12	16	2	6	12	18
30 Ice hockey	28	38	5	17	26	43
31 Baseball	33	41	7	40	8	48
32 Archery	51	53	0	25	28	53
33 Weight lifting	56	113	38	48	103	151
34 Yacht	70	85	7	24	68	92
35 Wushu	14	20	3	6	17	23
36 Judo	46	70	10	31	49	80
37 Track & field	164	308	104	146	266	412
38 Cycling	111	202	58	86	174	260
39 Lawn tennis	11	13	1	4	10	14
40 Rowing	22	45	15	23	37	60
41 Jujitsu	3	6	1	7	0	7
42 Triathlon	30	58	17	26	49	75
43 Gymnastics	55	81	11	43	49	92
44 Soccer	53	83	13	37	59	96
45 Canoe	86	128	30	56	102	158
46 Curling	16	16	0	5	11	16
47 Table tennis	30	34	3	15	22	37
48 Taekwondo	42	59	7	16	50	66
49 Tennis	16	21	2	7	16	23
50 Fencing	77	90	9	39	60	99
51 Fin swimming	10	13	1	13	1	14
52 Hockey	30	43	5	20	28	48
53 Handball	31	46	5	20	31	51
Subtotal	2,044	3,097	634	1,398	2,333	3,731

(Unit: Cases)

Paralympic Sports	Total No. of tests	No. of cases analyzed				
		Urine	Blood	In competition	Out of competition	Total
1 Goalball	5	7	1	2	6	8
2 Nordic ski	16	27	3	6	24	30
3 Basketball	7	9	1	3	7	10
4 Dance sports	2	2	0	1	1	2
5 Rugby	11	14	1	7	8	15
6 Lawn ball	2	2	0	2	0	2
7 Biathlon	3	4	0	4	0	4
8 Volleyball	5	7	1	2	6	8
9 Badminton	6	8	1	2	7	9
10 Boccia	5	5	0	2	3	5
11 Bowling	2	2	0	2	0	2
12 Shooting	7	7	0	4	3	7
13 Swimming	26	42	4	14	32	46
14 Snowboard	6	8	1	2	7	9
15 Ice hockey	4	6	1	0	7	7
16 Alpine ski	8	10	1	3	8	11
17 Archery	6	6	0	4	2	6
18 Weight lifting	16	34	12	13	33	46
19 Yacht	3	3	0	1	2	3
20 Judo	6	8	1	2	7	9
21 Track & field	37	57	7	27	37	64
22 Cycling	11	20	1	7	14	21
23 Rowing	6	10	1	3	8	11
24 Triathlon	2	4	1	5	0	5
25 Soccer	5	7	1	2	6	8
26 Canoe	4	6	1	7	0	7
27 Curling	7	7	0	2	5	7
28 Table tennis	13	15	1	2	14	16
29 Taekwondo	10	15	2	7	10	17
30 Tennis	6	8	1	2	7	9
31 Fencing	4	6	1	2	5	7
Subtotal	Fencing	366	45	142	269	411

Elite Sports total	2,295	3,463	679	1,540	2,602	4,142
---------------------------	--------------	--------------	------------	--------------	--------------	--------------

- Professional sports

(Unit: Cases)

Professional Sports	Total No. of tests	No. of cases analyzed				
		Urine	Blood	In competition	Out of competition	Total
1 Soccer	151	185	34	145	74	219
2 Baseball	240	270	54	225	99	324
3 Volleyball	150	162	16	132	46	178
4 Basketball	140	168	28	130	66	196
5 Golf	81	90	0	90	0	90
Total	762	875	132	722	285	1,007

| Activities of doping control officers in 2022



84 Doping Control Officer (DCO)



* Including 24 Blood Collection Officer (BCO) qualifications

| Enhancement of professionalism of doping testing personnel

- Seek strengthening of the capabilities of Doping Control Officers through workshop, refresher training and continuous feedback for more effective anti-doping test.
- 74 participated in workshop / 84 participated in refresher training



Control officer workshop



Control officer refresher training



- Operate program for acquisition of international Doping Control Office (iDCO)¹⁾ qualification
- We cultivated international testing personnel through support for acquisition of iDCO qualification.



International Doping Control Office



1) International Doping Control Officer(iDCO)

Qualification system that acknowledges the qualifications of the coping control officers by utilizing program developed by International Testing Agency(ITA) specialist group to guarantee safe doping control procedures in accordance with the World Anti-Doping Code at international sports competitions in which athletes throughout the world participate.

| Operation of Mobile Doping Control Station

Improve testing environment to protect athlete's human rights.



Camping car type



Trailer type

- For outdoor sports events which is difficult to arrange doping control station.

8 competitions | 23 sporting events



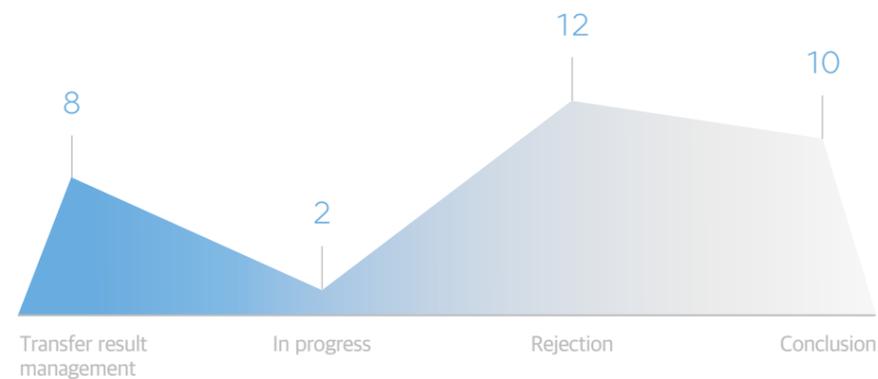
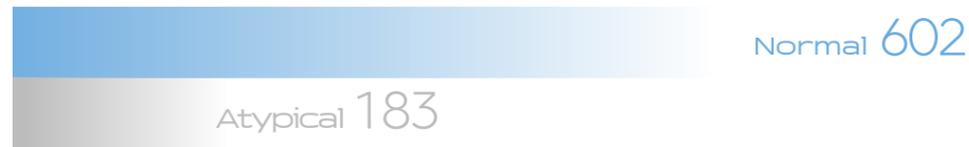
Operated a total of 66 times

* 37% sample collection environment improvement rate (completed improvement of 31 of 83 cases of testing that needed improvement of the environment)

Information & Investigation Activities

Review of Athlete Biological Passport (ABP)

Total No. of cases reviewed **785**



Non-analytical Anti-Doping Rule Violations

32

Categories	Transfer of result management	In progress	Rejection	Conclusion	Total
2022	8 cases	2 cases	12 cases	10 cases	32 cases

* Including No. of cases processed in '22 after having commenced investigation in '20

Information-based testing recommendation

- Recommendation to the subjects of testing through evaluation of information-based level of risks collected through Athlete Biological Passport (ABP), tip-off, compensation and performance review, etc.

No. of subjects for testing

446



Results management

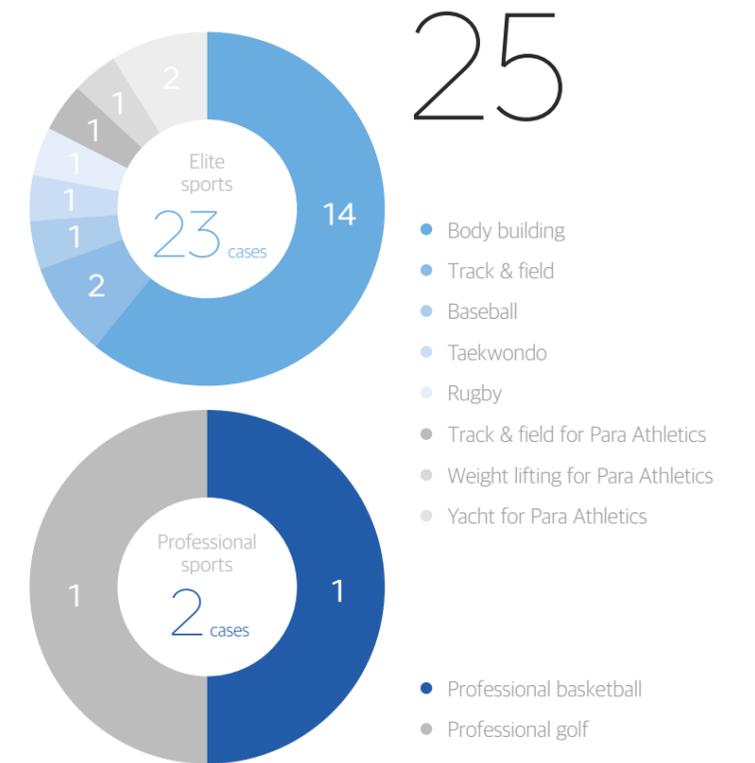
Performances in operation of results management

41

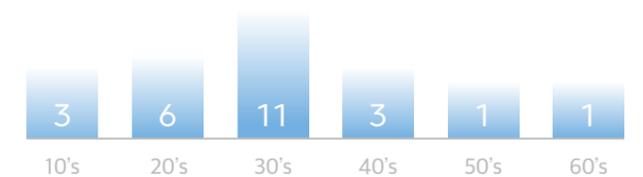


No. of anti-doping regulation violations

- No. of anti-doping rule violations by sporting event



- No. of anti-doping rule violation by age group



No. of detection cases by prohibited substance



37

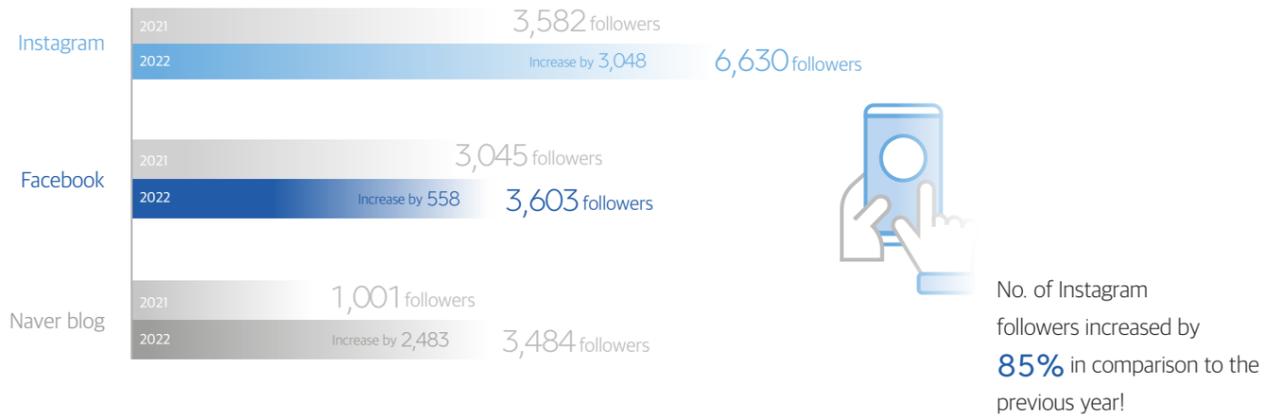
WADA Prohibition List	2022
S1. Anabolic agents	28
S5. Diuretics and covering agents	4
S6. Stimulants	4
S9. Glucocorticoids	1
Total	37

III. Protect together

Communication / PR Activities

| Production of anti-doping online contents and operation of YouTube channel

- Expand the rate of anti-doping messages of KADA reaching the general public through social media



No. of subscribers



- Enhance the level of the recognition of the Agency through provision of YouTube contents that reflect the subscribers' opinions.



Introduce some prohibited drug and doping scandals



Interview KADA members with Tonton

| Anti-doping public campaign advertisement

- Release Anti-Doping public campaign advertisements for sports mega events such as the Olympics and the World Cup
- The message "Strong Korea without Doping" was exposed approximately **100 million times** throughout the country!



2022 Beijing Winter Olympics



2022 Qatar World Cup

| Production of anti-doping webtoon

- Convey the values of anti-doping to the general public through the production of webtoon utilizing anti-doping contents.
- Produce 8 episodes webtoon based on cases of anti-doping rule violations and Achieve a total of **200,000 hits**



Anti-doping webtoon 「Control」

Domestic Exchange Activities

| 2022 Anti-doping Forum

- It is the first forum, held under the topic of “Expansion of participation of pharmacists in anti-doping activities” and was even more meaningful through participation of a wide range of interested parties including specialists in sports medicine, athletes, pharmacists, influencers and students of college of pharmacy, etc.



2022 Anti-doping forum

| Joint KADA-Korean Association of Sports & Entertainment Law academic symposium

- Academic symposium was held with a wide range of experts to establish domestic anti-doping program in alignment with the global anti-doping trend.



Joint KADA-Korean Association of Sports & Entertainment Law academic symposium

| Other MOU

Name of organization	Date signed	Key contents
Busan Metropolitan City	3.22 (Tue.)	- Cooperation for holding the World Conference on Doping in Sport in 2025 and proliferation of sports values
Special Olympic Korea	7.18 (Mon.)	- Cooperation for enhancement of awareness of development impaired persons and proliferation of sports values
SPOTV News	9.6 (Tue.)	- Cooperation for establishment of fair sports environment - Cooperation for production of campaign contents and effective distribution thereof
Sports Ethics Center	9.14 (Wed.)	- Cooperation for securing of fairness of sports and protection of human rights of athletes
Korean Orthopedic Society for Sports Medicine	9.24 (Sat.)	- Fortify anti-doping activities for orthopedic surgeons - Consultation on the areas of anti-doping related sports medicine
College of Pharmacy of Ewha Womans University	10.29 (Sat.)	- Cooperation for education aimed at strengthening of anti-doping activities - Research and education consultation related to sports



Special Olympic Korea



Sports Ethics Center



Korean Orthopedic Society for Sports Medicine



College of Pharmacy of Ewha Womans University

International Cooperation

| 2022 KADA Anti-Doping Seminar in Asia and Oceania

- Period/Location 9.28 (Wed.) ~ 29 (Thur.) / Busan BEXCO
- Number of participants: 95 (53 domestic and 42 overseas participants)
- Topic Cooperation between ADOs for Spreading the Values of Sport
- Program

· DAY 1

- 1 Knowledge-sharing by experts from advanced Anti-Doping Organization
- 2 Presentation of Korean value based education and activities
- 3 Panel discussions among Korea, China and Japan Organizations (NADO)

· DAY 2

- 1 Discuss better cooperation among Anti-Doping Organizations (ADO) in the region of Asia
- 2 Introduction of sports value activities of each of Regional Anti-Doping Organization (RADO)



| Sites of seminar



Opening address by the President of KADA



Keynote address by the President of WADA



Sites of seminars

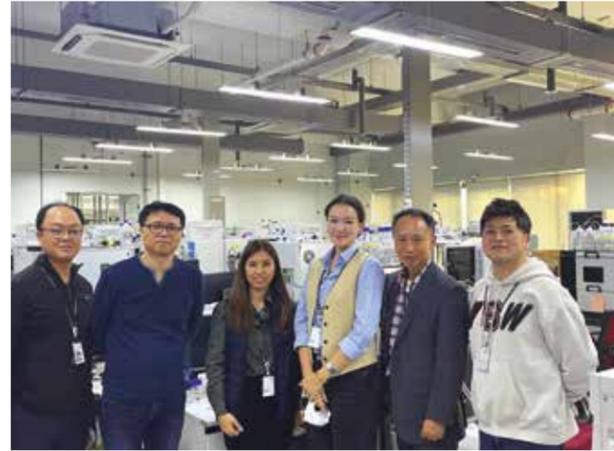
| 2022 KADA Anti-Doping Partnership Program

- Subjects of training

- (Philippines) Althea Mae Laquindanum
- (Kazakhstan) Matluba Turekulova

- Details of activities

- Practical anti-doping activity education
- Dispatchment of international anti-doping seminar of KADA and the 103rd national Sports Festival



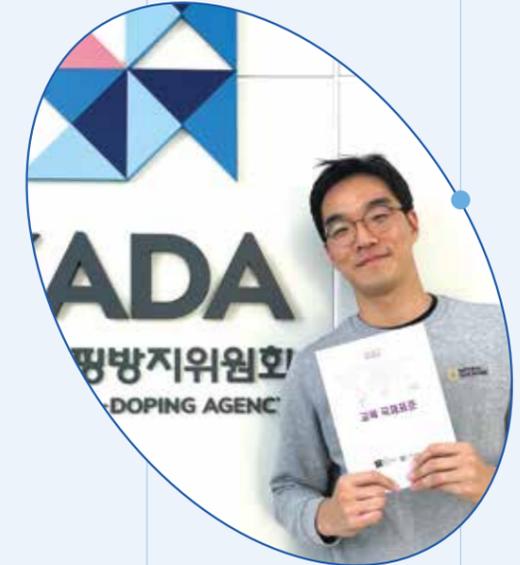
| Exchange and cooperation among international organizations

Categories	Key contents
2022 Beijing Winter Olympics and Paralympics	Doping management support and sample collection activities
Hanoi SEA Games	
Sport Integrity Australia	
Vietnam Anti-Doping Agency (VADA)	
Asia Paralympic Committee (APC)	Doping management work agreement
Philippines National Anti-Doping Organization (PHI-NADO)	
Kazakhstan National Anti-Doping Organization (KAZ-NADO)	
Uzbekistan National Anti-Doping Agency (UzNADA)	

| KADA experts in international Organizations



Kum-Pyoung Kim
Secretary General



Moon-Kyue Shin
Assistant manager of Education Department

No.	Name of organization affiliated to	Position	Date appointed	Terms of office
1		TUE EAG Member	Young-Hee Lee, Committee Chairman	'19. 1. 1. ~ '24. 12. 31.
2		NADO EAG Member	Kum-Pyoung Kim, Secretary General	'23. 1. 1. ~ '25. 12. 31.
3	World Anti-Doping Agency (WADA)	GLDF TWG Member	Min-Jung Seo, General Manager of Doping Test Department	'22. 4. ~ '23. 4.
4		Education Committee Member	Moon-Kyue Shin, Assistant manager of Education Department	'23. 1. 1. ~ '25. 12. 31.
5		ADIIN Member	Heather Kim, Assistant Manager of Legal Investigation Department	'22. 12. ~
6	Asia Paralympic Committee (APC)	Medical & Sports Science Committee Member of APC	Chan Park, General Manager of Operation Support Department	'19. 7. 16. ~ '23. 12. 31.

Thank
You!

**Korea Anti-Doping Agency
2022 Annual Report**

Date published May 2023

Publisher Korea Anti-Doping Agency

Financial support Ministry of Culture, Sports & Tourism
Korea Sports Promotion Foundation

Design Graphicocean



KOREA Anti-Doping Agency 2022 ANNUAL REPORT

143-64, Gangdong-daero, Gangdong-gu, Seoul, Republic of Korea, 05398

T. +82)02-2045-9800 F. +82)02-2045-9898