

REPUBLIC OF BULGARIA
ANTI-DOPING CENTRE



ANNUAL STATISTICAL REPORT

2021





Testing

In 2021, the Bulgarian Anti-Doping Center (ADC) took a total of 832 doping samples – according to its annual plan (including testing of athletes with quotas for the Olympic Games in Tokyo and Beijing, athletes with testing recommendations from the International Testing Agency /ITA/, recommendations from the Athlete Passport Management Unit /APMU/ and received signals for the use of prohibited substances). Upon request from Bulgarian and International sports organizations, the Anti-Doping Center took 393 samples. In relation to the long term storage policy of the ADC for 2021 were stored 68 samples. All athletes to whom urine and blood samples were collected have either steroidal and/or hematological passport, respectively. The Athlete Passport Management Unit of the Seibersdorf Doping Control Laboratory reviews all passport of athletes for which the ADC is Testing Authority.

ADC TDP - 832 samples

- *Out-of-competition - 439 samples*
- *In-competition - 393 samples*

Clients Requests - 393 samples

- *Out-of-competition - 101 samples*
- *In-competition - 292 samples*

Total Samples Collected - 1225



ADC Test Distribution Plan 2021

The total number of collected samples by the ADC as per TDP is 832 – 393 IC and 439 OOC. Figure 1 shows the percentage of this distribution.

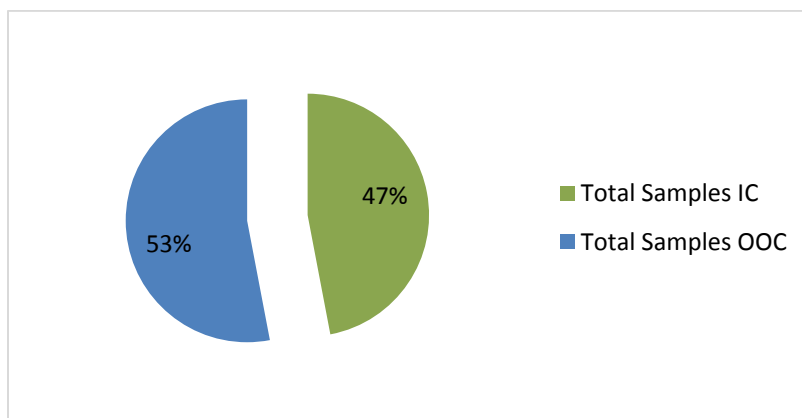


Figure 1. Number of samples collected In-competition and Out-of-competition in %

From 832 samples collected as per the TDP of the ADC for 2021, 101 are blood samples (77 blood samples for GH and 24 ABP blood samples). Figure 2 represents the percentage of the collected blood and urine samples.

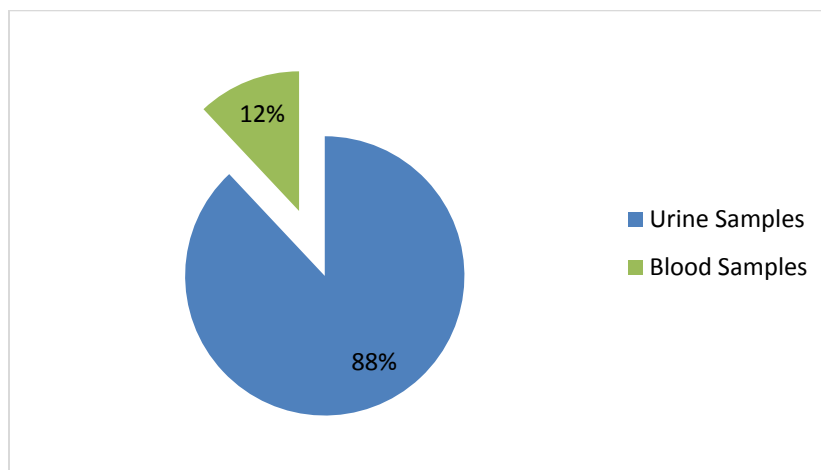


Figure 2. Ratio of blood and urine samples %



ADC Test Distribution Plan 2021

In 2021 the Anti-Doping Centre tested national and international level athletes in 48 sports and disciplines. 261 athletes were tested for the very first time. Table 1 shows the total number of samples collected in 2021, broken down by sport and discipline.

Table 1. Distribution of samples by sport and discipline

Sport/Discipline	Samples IC	Samples OOC	Total
Alpine skiing	3	3	6
Aquatics/ Long Distance 800m or more	3	1	4
Aquatics/ Middle Distance 200-400m	8	8	16
Aquatics/ Sprint 100m or less	10	11	21
Athletics/ Jumps	4	13	17
Athletics/ Middle Distance 800-1500m	3	0	3
Athletics/ Sprint 400m or less	5	9	14
Athletics/Combined Events	1	0	1
Athletics/Long Distance 3000m or more	3	3	6
Athletics/Throws	5	4	9
Badminton	6	15	21
Basketball	30	18	48
Biathlon	8	32	40
Bodybuilding	5	0	5
Boxing	14	47	61
Canoe/Kayak-Long Distance 1000m	3	17	20
Canoe/Kayak-Middle Distance 500m	4	2	6
Canoe/Kayak-Sprint 200m	4	2	6
Cycling/Road	8	2	10
Cycling/Track Endurance	1	0	1
Cycling/Track Sprint	3	0	3
Fencing	3	3	6
Football	40	61	101
Gymnastics/Acrobatics	0	3	3
Gymnastics/Artistic	3	7	10
Gymnastics/Rhythmic	6	20	26

Handball/Indoor	18	0	18
Judo	22	18	40
Karate	6	7	13
Kickboxing	11	2	13
Modern Pentathlon	0	1	1
Para Shooting	0	3	3
Para-Athletics /Seated Throws Classes F-54-F57	0	3	3
Para-Athletics/Standing Throws	0	1	1
Powerlifting	13	0	13
Rowing	13	9	22
Sambo	9	2	11
Shooting	4	13	17
Skating/Figure Skating	0	3	3
Skiing/Cross Country	6	5	11
Skiing/Snowboard	3	0	3
Softball	0	1	1
Table Tennis	0	1	1
Taekwondo	3	14	17
Tennis	6	5	11
Volleyball	32	20	52
Weightlifting	18	34	52
Wrestling	22	40	62
Total	369	463	832

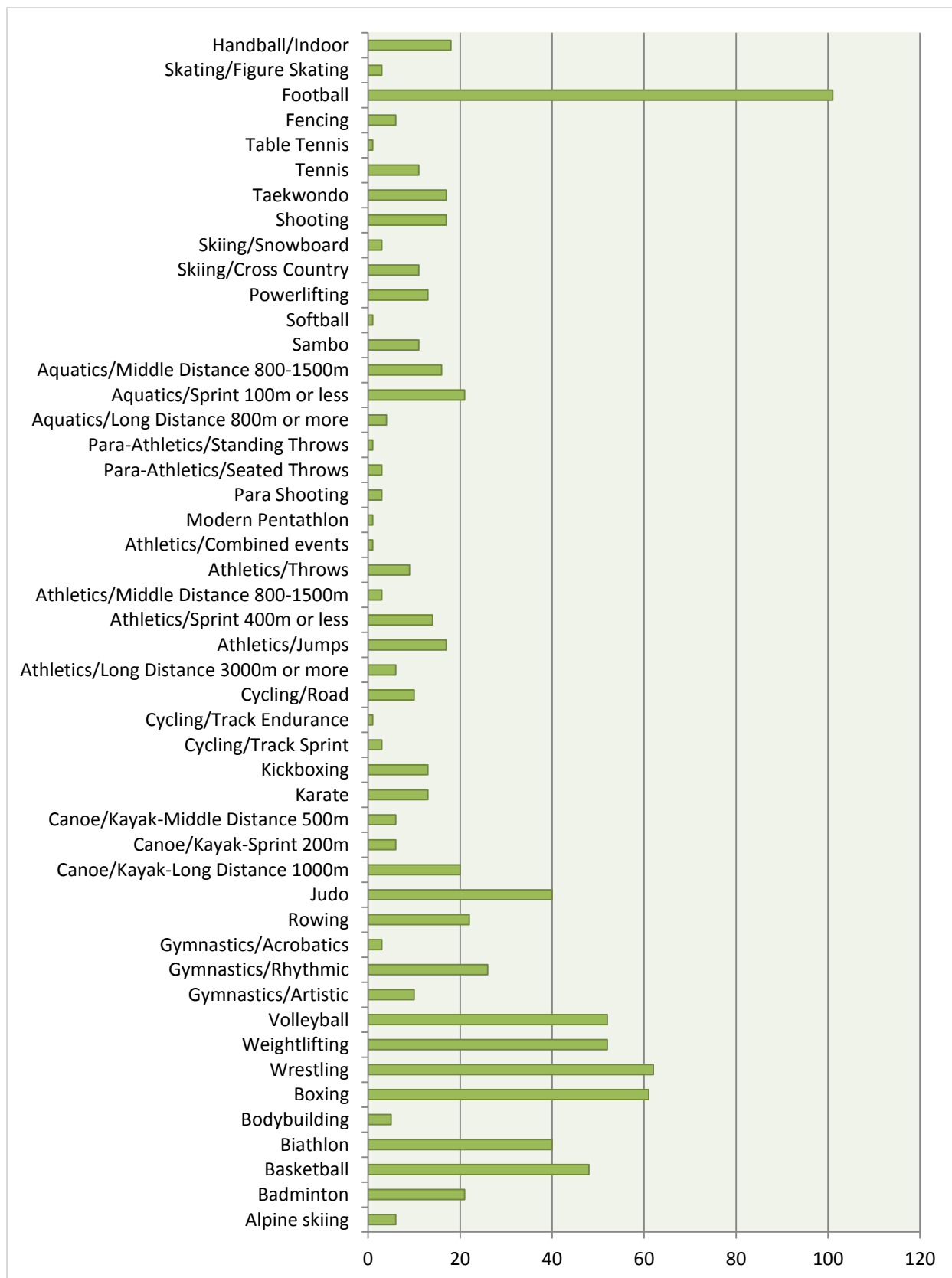


Figure 3. Diagram showing the total number of samples divided by sport

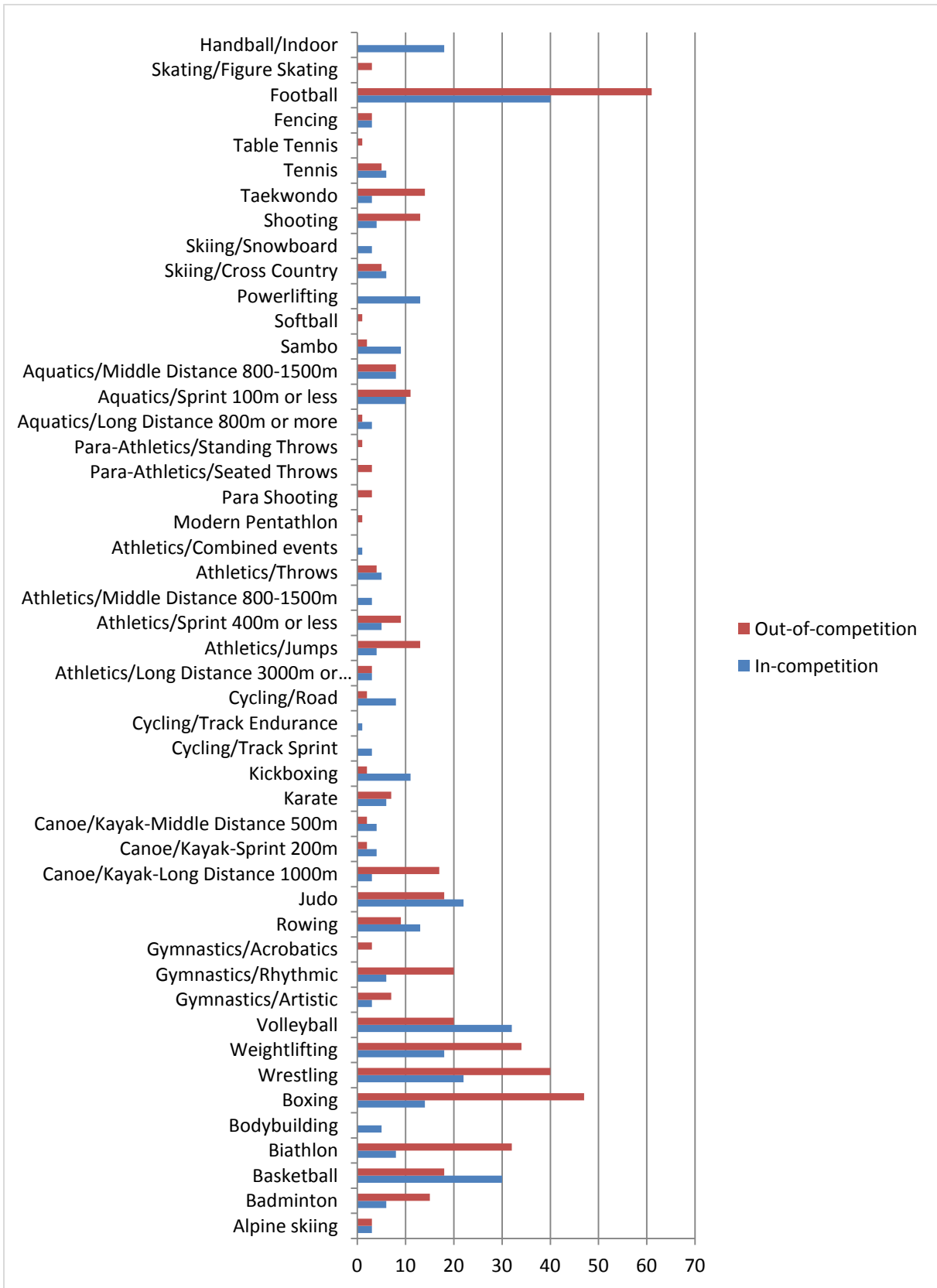


Figure 4. Diagram showing the distribution of samples collected IC and OOC



Results Management and TUE

Table 2. Number of Anti-Doping Rule Violations and number of TUEs granted

	<i>Number of cases</i>	<i>Prohibited substances/methods</i>
Adverse Analytical Findings detected by ADC:	15	<hr/>
1. Bodybuilding and fitness	3	<ul style="list-style-type: none"> • Stanozolol, Clenbuterol, Hydrochlorothiazide, Cocaine • Stanozolol, S-23, Ibuprofen, Spironolactone • Hydrochlorothiazide, Triamterene
2. Boxing	2	<ul style="list-style-type: none"> • Furosemide; • Dehydrochlormethyltestosterone
3. Weightlifting	1	<ul style="list-style-type: none"> • Dehydrochlormethyltestosterone
4. Judo	1	<ul style="list-style-type: none"> • Furosemide
5. Kickboxing	1	<ul style="list-style-type: none"> • Meldonium
6. Aquatics	3	<ul style="list-style-type: none"> • Stanozolol • Stanozolol • Stanozolol
7. Sambo	3	<ul style="list-style-type: none"> • Amphetamine • Cocaine • Cocaine
8. Football	1	<ul style="list-style-type: none"> • GW1516
9. Handball	1	<ul style="list-style-type: none"> • Dehydrochlormethyltestosterone
Adverse Analytical Findings detected by International Federations (IFs)/other ADOs	3	<hr/>
1. Weightlifting	1	<ul style="list-style-type: none"> • Growth Hormone
2. Sambo	1	<ul style="list-style-type: none"> • Ephedrine
3. Softball	1	<ul style="list-style-type: none"> • Ephedrine
Non-analytical results/findings established by the ADC	1	<hr/>
1. Athletics	1	<ul style="list-style-type: none"> • Evading of sample collection

Whereabouts failures established by the ADC

20 athletes

Whereabouts failure established by IFs

2 athletes

TUE-granted

1

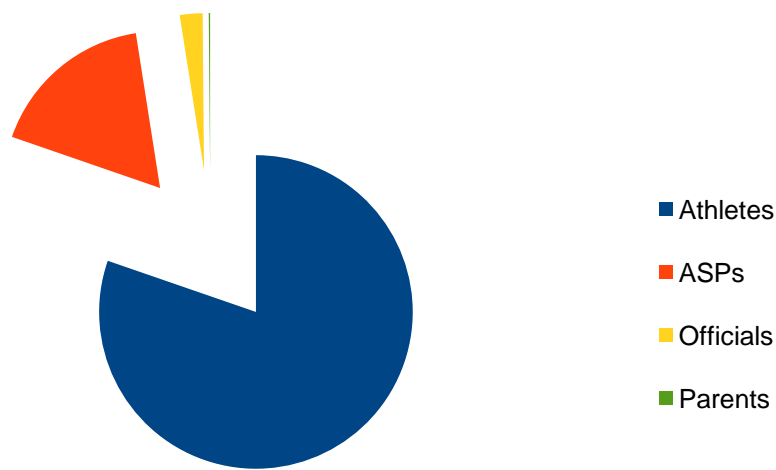


Education and Prevention

In 2021, the total number of educated athletes, athlete support personnel, officials and parents, requests and Outreach education programs is 1451 persons, of which

- Athletes – **1165**;
- Athlete Support Personnel (incl. 250 and doctors, 34 officials и 2 parents) – **286**.

Fig. 5. Number of the athletes and ASPs completed anati-doping education



Anti-Doping Campaigns

On July 29, 2021 the ADC conducted an outreach interactive education during the World Youth MMA Championships in Sofia, Bulgaria. More than 150 athletes and their support personnel from 18 countries took part in it for which the Bulgarian MMA Federation received the “Anti-Doping Education Award 2021” from the International MMA Federation.

Training of Doping Control Officers (DCOs)

In the beginning of 2021, 39 DCOs were retrained due to the expiration of their contracts. On June 17, 2021 an additional training of 15 DCOs was conducted to improve their skills and performance during the sample collection procedures.

In september, three DCOs were retrained to improve their skills and performance during the doping control procedure. One new person has been trained for DCO.