



2021 ANNUAL REPORT OF ANTI-DOPING AGENCY OF REPUBLIC OF SERBIA

In 2021, the Anti-Doping Agency of the Republic of Serbia (ADAS) conducted 927 doping analyzes of samples of athletes (652 within the national testing program and 275 at the international level) and 36 doping analyzes of horse samples.

Table 1. Total number of doping control analyses performed in 2021 - National

National Testing Program									
Sports	Urine IC	Urine OOC	ESA	GHRF	GH	ABP	IRMS	Steroid profile	TOTAL
American football		8		1					9
Diving	2								2
Badminton	4								4
Basketball	10	12	2	2					26
Basketball 3 on 3		14	2	2					18
Boccia	3								3
Bodybuilding	7			2					9
Bowling	2								2
Boxing	4	8	4	2					18
DanceSport	2						1	1	4
Fencing	2								2
Football	8	18	3	3					32
Ice Hockey	4								4
Jiu-Jitsu	3								3
Judo	6	12	2	2					22
Karate		16	2	3					21
Kickboxing	4	7	2	1			3	3	20
Para-Athletics	3	3							6
Powerlifting	2								2
Rowing	10	12	7	2	2	4	1	1	39
Rugby League	4	2	1	1			1	1	10
Sambo	4								4
Savate	3								3



Shooting	6	14					1	1	22
Sport Climbing	3								3
Table Tennis		5							5
Para-Table Tennis		4							4
Taekwondo	5	12	2	2					21
Tennis	4	12	2				1	1	20
Triathlon	3	3	3	1	1	1			12
Tug of War	2								2
Volleyball	12	14							26
Wrestling	8	20	5	4					37
Weightlifting	6	14		6			1	1	28
Handball	10	15	3	3					31
Water Polo	4	18	2	2			1	1	28
Swimming									
Swimming Long Distance 800m or greater	1		1						2
Swimming Middle Distance 200-400m	4	6	3	2					15
Swimming Sprint 100m or less	9	1	2	2			1	1	16
Athletics									
Jumps	2	5	1	1					9
Long Distance 3000m and greater	1	2	2						5
University Middle Distance 800-1500m	1	2	1						4
Sprint 400m or less	4	2	1	1					8
Throws	5	4	1	1					11
Canoe Kayak									
Long Distance 1000m	2	8	4	4	1	1			20
Middle Distance 500m	4	4	1	1					10
Sprint 200m	4	4	1	1					10
Cycling									
Road	6	5	9	2					22
Mountain Bike	4	5	2	1	2	4			18
TOTAL	197	291	71	55	6	10	11	11	652



Table 2. Total number of doping control analyses performed in 2021 - International

International services									
Sports	Urine IC	Urine OOC	ESA	GHRF	GH	ABP	IRMS	Steroid profile	TOTAL
Athletics	4	1			1	1			7
Water Polo	12	7	2	7					28
Underwater Sports	6				2				8
Savate	4	1		1					6
Volleyball	16								16
Triathlon	2								2
Sport Fishing	2								2
Wrestling	76		9	7					92
Boxing	57	1	9	6					73
Mixed Martial Arts		8		7					15
Para-Taekwondo		2							2
Swimming									
Swimming Sprint 100m or less		6	1	1					8
Swimming Middle Distance 200-400m		2							2
Taekwondo		6	1	1					8
Kickboxing		4	2						6
TOTAL	179	38	24	30	3	1			275

Urine IC In-Competition urine
Urine OOC Out-Of-Competition urine
ESA Erythropoietin stimulating agents from urine
GHRF Growth Hormone Releasing Factors from urine
GH Growth Hormone from blood
ABP Athlete biological passports hematological
IRMS Isotope ratio mass spectrometry in urine samples
Steroid profile Steroid profile

+ Equestrian 36 doping controls



In 2021, 10 Anti-Doping Rule Violations were detected.

Table 3. Anti-Doping Rule Violations in 2021

Sport	Substance/ADRV	Sanction
Judo	Cocaine	3 months Period of Ineligibility and Disqualification of result
Kayak	Use or Attempted Use by an Athlete of a Prohibited Substance or a Prohibited Method	6 months Period of Ineligibility
Powerlifting	Ephedrine, Methandienone metabolites and Trenbolone	4 years Period of Ineligibility and Disqualification of result
Bodybuilding	Clenbuterol, Methandienone metabolites and Trenbolone	3 years Period of Ineligibility and Disqualification of result (Agreement in accordance with Art.10.8.1 of Code)
Bodybuilding	Dehydrochlormethyltestosterone metabolites and Stanozolol	3 years Period of Ineligibility and Disqualification of result (Agreement in accordance with Art.10.8.1 of Code)
Bodybuilding	19-Norandrosterone, Hydrochlorthiazide and Stanozolol	3 years Period of Ineligibility and Disqualification of result (Agreement in accordance with Art.10.8.1 of Code)
Bodybuilding	Dehydrochlormethyltestosterone metabolites and Stanozolol	3 years Period of Ineligibility and Disqualification of result (Agreement in accordance with Art.10.8.1 of Code)
Boxing	Furosemide	To be announced
Bodybuilding	Boldenone, Hydrochlorthiazide, Stanozolol and Trenbolone	To be announced
Basketball	Use or Attempted Use by an Athlete of a Prohibited Substance or a Prohibited Method / Possession of a Prohibited Substance or a Prohibited Method by an Athlete or Athlete Support Person	To be announced

In 2021, 5 cases of horse doping in gallop (3) and trot racing (2) were detected.