

ADEL

Two Year on.

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Overview of ADEL

The World Anti-Doping Agency (WADA)'s Anti-Doping Education and Learning platform (ADEL) is the centralized platform primarily offering educational solutions for Anti-Doping Organizations (ADOs) to complement or use in their education programs or to extend the reach of their existing education programs. Our education solutions available on ADEL include courses, programs and resources for athletes, coaches, medical professionals, researchers, and other target audiences as identified in the World Anti-Doping Code (Code) and the International Standard for Education (ISE).

Additionally, on ADEL, anti-doping practitioners will be able to access learning opportunities such as training programs to help them carry out their roles through the Global Learning and Development Framework (GLDF); and a wide range of digital resources to support the development of their anti-doping programs through the Code Implementation Support Program (CISP).

The use and access to ADEL is free with the objective to maximize the reach of, and access to, quality education and learning opportunities to benefit all audiences, especially those working in or supporting the goal of clean sport. ADEL is for everyone, and anyone interested in learning more about anti-doping and protecting the values of clean sport. ADEL is available 24/7 with stable connection to internet. The 'ADEL by WADA' mobile app is available on the Apple Store and Google Play store, enabling users to learn on the go and complete their education offline.

ADEL Version 2

On 6 January 2021, WADA launched a new and improved ADEL, which replaced the previous Anti-Doping eLearning platform (ADeL) launched originally in January 2018.

It is important to highlight that the original ADeL platform had to be rebuilt largely due to discontinued security protocols putting WADA's users at risk. After months of research and discussion with various internal and external stakeholders, WADA's Education department made the decision to move to an industry leading Learning Management System provider and rebuild the platform. This change supports both WADA's new strategic direction (Grow Impact and Be Athlete-Centred through digital transformation) as well as the future demands required to effectively provide support to ADOs to enable them to meet the requirements of the ISE as well as the Code and other International Standards.

ADEL (v2) is efficient in managing learning including learner data and reporting, enables users to be self enrolled to programs and to receive certificates, allows trainer-led sessions, eLearning programs and digital resources to be hosted and delivered, has a modernized look and feel with human focused graphic visuals to

better resonate with athletes and the clean sport community. To improve efficiency and service to our end users, a dedicated ADEL Helpdesk system with instructional articles to help users solve common issues (sign-in and navigation) is present, as well as a dedicated place for Anti-Doping Organizations to request translations of education programs or to become administrators (known as ADEL Power Users) of their populations.

Lastly, we made a commitment to publish ADEL materials in English, French and Spanish to better meet the needs of our stakeholders.

ADEL Developments

Education Solutions - What was published in 2022

ADEL hosts a range of educational guides, courses, programs, and toolkits targeting different audiences. In line with the International Standard of Education (ISE) key principles, the following were developed by WADA's Education Department and published in 2022 to support ADOs in their delivery of education to athletes and their support personnel:

Guides and Factsheets

- Athlete and Support Personnel's Guide to the Prohibited List 2023 (English, French, Spanish)
- Athletes and Athlete Support Personnel (ASP)'s factsheet on tramadol (English, French, Spanish)
- Medical Professionals factsheet on tramadol (English, French, Spanish)

Courses and Programs

- Sport Values in Every Classroom (Digital version) for children
- Sport Values in Every Classroom (Digital version) for adults (coaches, teachers, parents)
- Privacy and Information Security Awareness for Athletes

Pre-Games Education

- ADEL for Commonwealth Games – Birmingham 2022 (English, French)

Recertification Courses

WADA recommends Code Signatories to adopt a validity of 2 years for certificate(s) received on ADEL for their athletes and ASPs. WADA's Education team has developed and published the following refresher courses for recertification purposes in January 2023:

- ADEL Refresher Course for International Level Athletes (English, French)
- ADEL Refresher Course for National Level Athletes (English, French)

Anti-Doping Organizations (ADO) Capability

ADEL offers solutions to anti-doping practitioners with a view to strengthen their capability, through resources that support the development of their anti-doping programs, their implementation of the World Anti-Doping Code and International Standards and their own professional development.

Code Implementation Support Program (CISP)

The Code Implementation Support Program (CISP) hosted on ADEL provides guidance, support, and resources to assist ADOs in their implementation of the 2021 Code and International Standards and the development of their anti-doping programs. It currently includes more than 300 resources, including factsheets, video tutorials, checklists, presentations, recorded webinars, and templates with the majority available in English, French, and Spanish. Since the launch on the new ADEL, the program experienced more than 18,643 interactions/views by a little more than 2,000 active ADO practitioners, which means on average seven (7) resources viewed by one practitioner. This highlights the demand from practitioners to access helpful resources, available digitally and that can be downloaded at any time, to support them in their work. It is noteworthy that CISP was launched in May 2020 on the previous version of ADEL, in total there have been approximately 37,643 interactions with the program.

CISP Resources

A total of 54 resources were published in 2022 on this CISP Channel. Many of the resources have been translated into French and Spanish. 11 of these are webinar presentations and recordings, together with 25 templates, 8 guidelines, 4 factsheets, 1 checklist, 2 how-to guides, and 3 curriculums. The list below details what was published for each resource and in which languages:

Webinar recordings (English)	Webinar presentations (English)
<ul style="list-style-type: none"> - Support tools for planning ADO education programs: Example of Athlete Support Personnel (ASP) Curriculums - 2022 Prohibited List: Navigating the Changes - ISL 2021 (Version 11): Impact for Laboratories - ISL 2021 (Version 11): Impact for ADOs - Code Compliance Questionnaire (CCQ) - Cyber Security Essentials for ADOs - The training, accreditation and re-accreditation of sample collection personnel - Preparing for a WADA Audit: How to respond to ISPPPI Questions - What is needed to conduct investigations? 	<ul style="list-style-type: none"> - Code Compliance Questionnaire (CCQ) - Independence of hearing panels

Templates		
For the functional area of results management (English)	For the functional area of TUEs	For the functional area of testing
<ul style="list-style-type: none"> - AAF Notice of charge and Mandatory Provisional Suspension (Non-Specified Substances) - AAF Notice of charge and No Mandatory Provisional Suspension (Specified Substances) - Admission of ADRVs and acceptance of consequences - B Sample Analysis Request - Determination Letter - Hearing request - First notification non-specified substance - Notice of charge non-analytical cases - Notice of decision not to take matter forward as a Filing Failure - Notice of decision not to take matter forward as a Missed Test - Notice of decision to take matter forward as a Filing Failure - Notice of decision to take matter forward as a Missed Test - Notice of result of administrative review of apparent Filing Failure - Notice of result of administrative review of apparent Missed Test - Notice to Athlete of apparent Filing Failure - Notice to Athlete of apparent Missed Test - Notification Non-analytical cases - Notification – analytical cases – specified substance - Summary of decision - Voluntary Acceptance of Provisional Suspension 	<ul style="list-style-type: none"> - IF Approval of a TUE (English, French, Spanish) - NADO approval of a TUE (English, French, Spanish) - MEO approval of a TUE (English, French, Spanish) 	<ul style="list-style-type: none"> - Template: IF Risk assessment and TDP (Spanish) - Template: NADO Risk assessment and TDP (Spanish)

Guidelines
<ul style="list-style-type: none"> - Guidelines for sample collection (Spanish) - Guidelines for sample collection personnel (Spanish) - Guidelines for education (Spanish) - Guidelines for testing during a pandemic (English) - Guidelines: Reporting guide to monitor testing (English, French, Spanish) - Guidelines: Guidelines for implementing an effective testing program (French) - Guidelines: ISTUE Guidelines 2023 (English) - Guidelines: ISTUE Guidelines (French)
Factsheets
<ul style="list-style-type: none"> - Pre-event education as part of an event-based education program (French, Spanish) - Educating athletes returning from a sanction (English, French, Spanish) - Tools to raise awareness of TUE with Athletes and ASP (English, French, Spanish) - All things ADEL (French, Spanish)
Checklist
<ul style="list-style-type: none"> - Testing of athletes and Major Events (English)
How to guides
<ul style="list-style-type: none"> - TUE process where to start for NADOs (English, French, Spanish) - Where to find TUE resources (English, French, Spanish)
Curricula
<ul style="list-style-type: none"> - Example of Coach's Curriculum (English) - Example of Medical Professional's Curriculum (English) - Example of Parents' Curriculum (English)

The Global Learning and Development Framework (GLDF)

As part of WADAs 2020-2024 [Strategic Plan](#), the Global Learning and Development Framework (GLDF) was created in April 2020 to support the 'Grow Impact' priority under the Strategic Plan. The GLDF develops professional standards for a range of anti-doping roles and provides specific, standardized training as well as continuous professional development (CPD) opportunities to anti-doping practitioners worldwide, to improve professionalism and enhance the capabilities of the anti-doping workforce.

Although the GLDF training programs were originally intended to be delivered in-person, they were successfully moved to a virtual format due to the COVID-19 pandemic and fully hosted on ADEL. GLDF offers role-specific training programs spanning over the course of 9-15 weeks (depending on the role), with an expected commitment of 3 hours on average of learning per week. The learning journey adopts a blended format, incorporating self-directed eLearning, trainer-led sessions and individual 1:1 mentoring sessions. Due

to the virtual nature of delivery and to ensure personal learning needs are still met, each training cohort is limited to a maximum of 16 participants, who are invited by WADA to take part in the training program.

In 2022, GLDF had 6 training programs on offer, covering the following roles:

- Education
- Results Management, including Hearing Panel members
- Intelligence and Investigations
- Privacy and Data Protection
- Media Relations and Communications
- Therapeutic Use Exemption (TUE) and TUE Committee.

The ADEL platform has the features and functions to support the delivery and implementation of the GLDF program. The ADO practitioners who have enrolled in the training program have access to a different landing page. There is a dedicated area (called My GLDF Training Program) on their landing dashboard to access their training program. For each of the roles identified, a designated channel is created to host all the training program content.

- For the e-learning courses of each role, participants always have access to the courses and a soft deadline is enabled to prompt completion before the trainer-led sessions.
- For trainer-led sessions, an initial enrollment notification with a calendar invitation and a pre-session notification are enabled as reminders for participants.

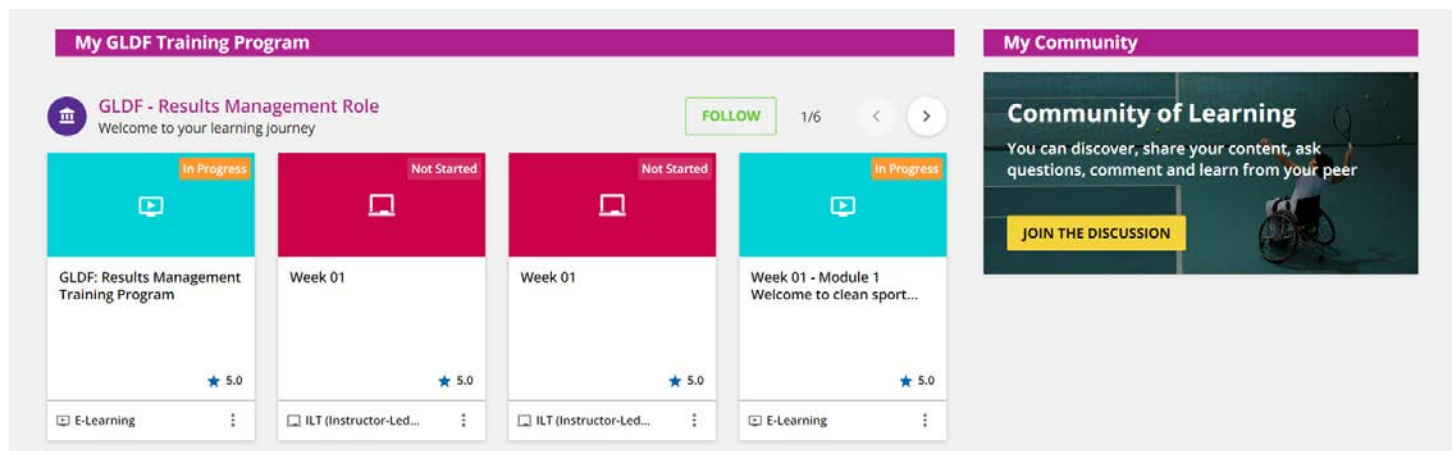


Figure 1: My GLDF Training Program space (Jan. 2023)

GLDF Role-Specific Training Programs

Role	Education	Results Management, incl. Hearing Panel members	Intelligence and Investigations	Privacy and Data Protection	Media Relations and Communications	TUE and TUE Committee
Number of e-learning modules	6	5	5	4	5	7
Number of trainer-led sessions	7	5	7	5	7	6
Number of 1:1 sessions	2	2	2	1	1	2

Internal Collaboration: ADEL Community Channels for Specific Stakeholder Groups

WADA's Education department is working with several WADA departments to create specific channels on ADEL to facilitate their learning and development interactions with stakeholders.

During the year 2022, the following channels were actively managed and hosted resources and/or sessions for the support of their function.

- **RADO staff channel** – designed for RADO members and/or staff and jointly managed with the NADO/RADO Relations department. It hosts important information to help RADO staff/members to carry out their work and professional development opportunities including:
 - RADO billboard
 - Professional development courses on different topics
 - Capacity building webinars on ADAMS, strategic planning, risk assessment & TDP, and results management
 - RADO program strategy
 - Staffing and testing grants
 - RADO forum
 - Templates
 - Resources to educate athletes and ASPs on TUEs

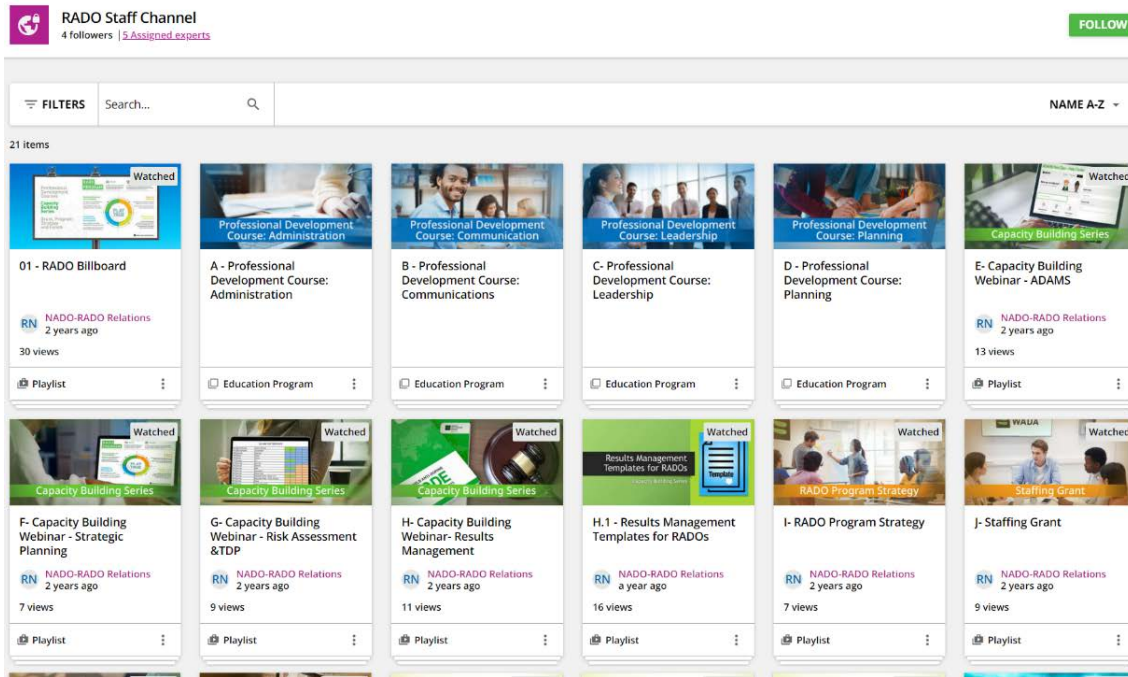


Figure 2: RADO Channel Overview (Jan. 2023)

- To support the Athlete Biological Passport (ABP) function activities, a number of live sessions were offered to support the ABP experts and the Athlete Passport Management Units (APMUs):
 - **ABP Experts channel** – designed for experts involved in the haematological module of the ABP. In this channel, two webinars were hosted in 2022, discussing a case and presenting a paper.
 - **APMU channel** – designed for people working within WADA approved Athlete Passport Management Units (APMUs). In 2022, an e-learning ABP expert guide was made available on this channel and a series of three webinars were hosted:
 - The roles of the ABP partners and APMU requirements
 - Description of the Adaptive Model
 - ADAMS and APMU activities.

Anti-Doping Organizations as ADEL Power Users (Administrators)

As of December 2022, there are 145 ADO signatories have signed the Power User Agreement (PUA) with WADA's Education department. Below is the summary of the ADO's information by category of Power Users (PUs).

Type of Organization	2021 Count	2022 Count	Total
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National Anti-Doping Organizations	85	18	103
International Federations	27	11**	38
Major Event Organizations	1	2	3
Other: Third Party Agencies	1*	0	1
TOTAL	114	31	Grand Total: 145

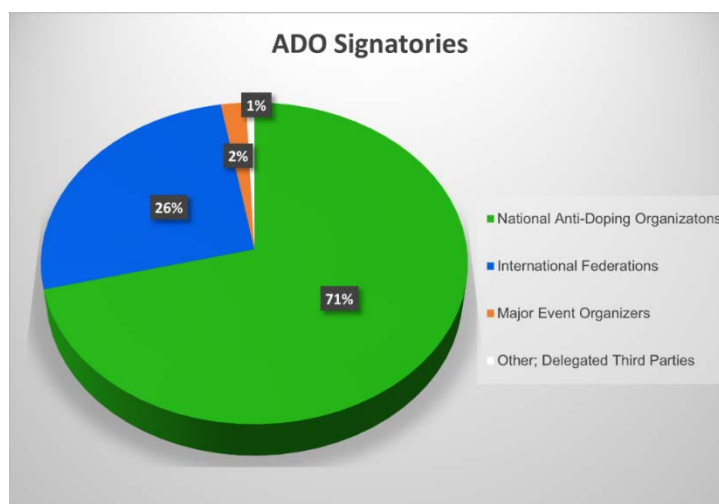


Figure 3: ADO Signatories as ADEL Power Users

Notes:

* There was one (1) delegated third party Canadian Centre for Ethics in Sport (CCES) on behalf of International Powerlifting Federation (IPF). It was counted in the IFs category in the ADEL one year report. This is now corrected.

** International Testing Agency (ITA) is acting on behalf of Union Cycliste Internationale (UCI) for a portion of their athletes and ASPs. ITA is not included in the count since UCI was counted in the 2021 count.

List of National Anti-Doping Organizations who became PUs in 2022

Name of organization	Country	Region
Africa and Middle East		Total: 3
Egypt NADO	Egypt	Africa
Anti-Doping Agency of Kenya	Kenya	Africa
National Olympic Committee of Zambia	Zambia	Africa
Americas		Total: 4
Bermuda NADO	Bermuda	Caribbean
National Olympic Committee of St-Lucia NADO	St-Lucia	Caribbean
Bolivia NADO	Bolivia	Caribbean

United States Anti-Doping Agency (USADA)	United States of America	North America
Asia and Oceania		Total: 6
NADA India	India	Asia
Lao NADO	Lao	Asia
Mongolian NADO	Mongolia	Asia
Turkmenistan NADO	Turkmenistan	Asia
Uzbekistan NADO	Uzbekistan	Asia
Vietnam NADO	Vietnam	Asia
Europe		Total: 5
Anti-Doping Denmark	Denmark	Europe
Greece NADO (HADA/EOKAN)	Greece	Europe
Latvia NADO	Latvia	Europe
Serbia NADO	Serbia	Europe
Turkey NADO	Turkey	Europe
		Grand Total: 18

List of International Federations and Major Event Organizations who became PUs in 2022

International Federations		
Federation Internationale de Savate (FISavate)	International Blind Sports Federation (IBSA)	International Federation of American Football (IFAF)
International Federation for Basketball (FIBA)	International Federation of Sport Climbing (IFSC)	International Luge Federation (FIL)
International Rafting Federation (IRF)	Tug of War International Federation (TWIF)	World Curling Federation (WCF)
World Flying Disc Federation (WFDF)	World Lacrosse	Total: 11
Major Event Organizations		
CGF (Commonwealth Games Foundation Taskforce)		
CISM (International Military Sports Council) - MEO		Total: 2

ADEL Statistics

This section provides the statistics as it relates to users on the ADEL platform and the number of course completions per education program/resource for the year 2022.

Platform User Statistics

The table below provides the monthly active user count and the total number of unique active users who have accessed ADEL since the launch on 6 January 2021 up to and including 31 December 2022. During the two-year period of 2021–2022, ADEL was used by more than 163k users from 234 countries who participate in 222 different sports. Compared with the previous year, 2022 has seen an increase in number in 3 aspects:

1. Number of underdeveloped countries and regions coming to ADEL for the first time
2. Number of users coming from underdeveloped countries and regions
3. Number of sports

When ADEL was initially launched, the monthly active user count was estimated at 3500, and it has been on the rise since. A monthly average of 5000 active users was attained in September 2021. Between October 2021 and September 2022, ADEL sustained growth in monthly active users, reaching an average of 8000.

The table below lists the active user count per month and unique active users for each role within the clean sport community.

- **Active users** refer to a learner who logs into a course (and not just the ADEL platform) during the 30-day month period. It is possible that the same learner stays active in multiple months and is counted more than once.
- **Unique active users** refer to learners who have accessed the platform since the ADEL launch and are counted only once.

Month	Active users (total per month)	
	2021	2022
January	3,559	8,001
February	3,643	5,555
March	4,299	7,073
April	4,884	7,535
May	5,476	15,736
June	7,567	12,722
July	7,179	11,478
August	7,867	8,413
September	8,584	11,918
October	8,242	7,115
November	10,115	4,949

December	16,072	4,051
AVERAGE	7,291	8,712
Specific Branches (roles)	Unique Active Users	
	2021	2022
01 - Athletes	53,530	112,188
02 - Coaches	14,101	26,864
03 - Medical Professionals	3,660	5,822
04 - Parents	561	1,149
05 - ADO Practitioners	2,178	2,282
06 - University Students	1,296	2,230
07 - Teachers in sport/physical education	299	810
08 - Researchers	99	177
09 - University Staff/Academia	1,327	1,444
10 - Sport Scientists working in high performance sport	213	457
11 - Gym Instructors	70	145
12 - Manager/Agent for Athletes	987	1,466
13 - Government	250	615
14 - Sponsors	9	18
15 - Media	71	155
16 – Other*	1,806	7,249
TOTAL	80,457	163,071

Note: *The count for the role other includes the ADEL Power Users branch.

Users per Country

The diagram below lists the top 10 countries with the highest number of users:

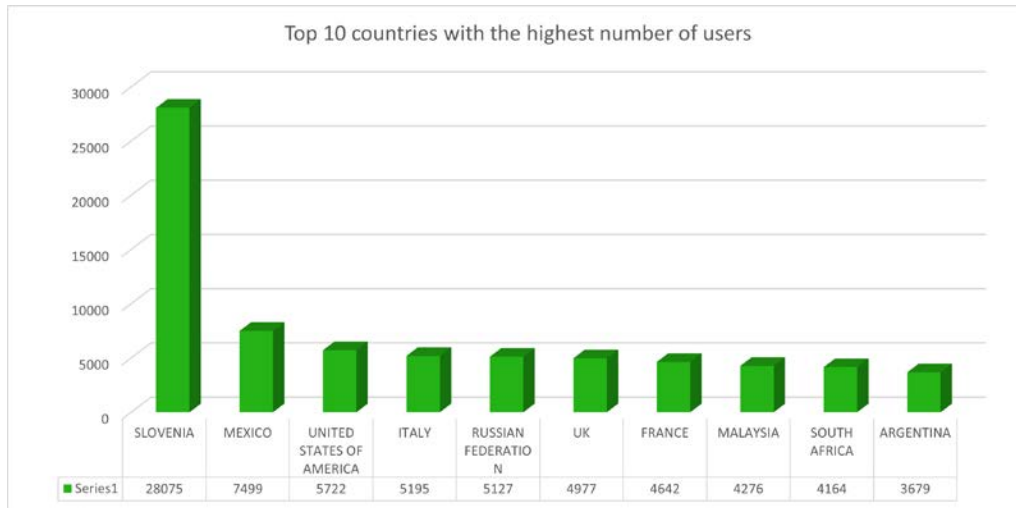


Figure 4: Top 10 countries with the highest number of users

For the complete table with the number of registered (unique) users per country on the ADEL platform since its launch, please refer to [Appendix I, Users per Country](#) at the end of this report.

Users per Sport

The diagram below lists the top 10 countries with the highest number of users:

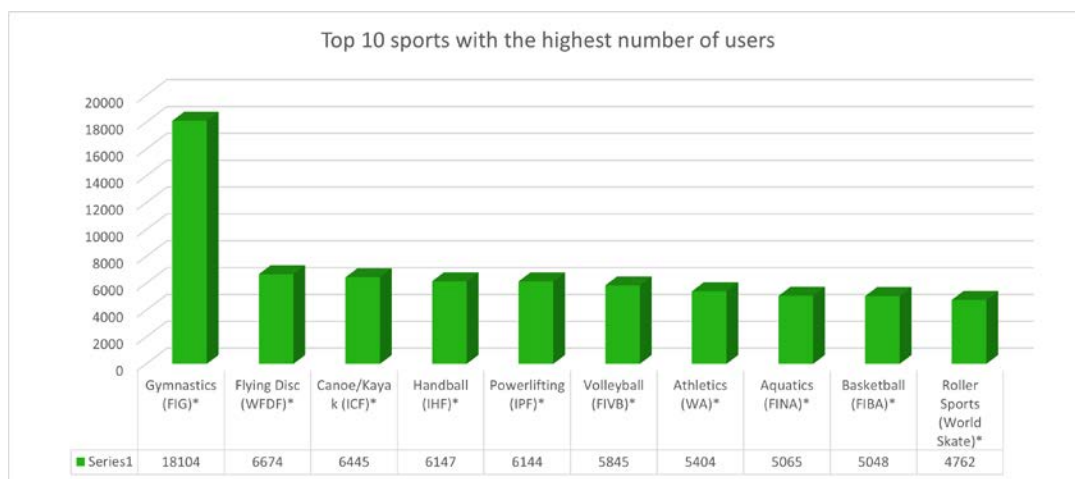


Figure 5: Top 10 sports with the highest number of users

For the complete table with the number of registered (unique) users per country on the ADEL platform since its launch, please refer to [Appendix 2, Users per Sport](#) at the end of this report.

ADEL Mobile App Statistics

Since the launch of the 'ADEL by WADA' mobile App (from January 1, 2022 to December 31, 2022), there have been 18.3k total downloads from either Apple (12.7k) or Google Play (5.69k) stores.

The top ten countries with the most user downloads from both Apple and Google Play stores in 2022 are:

Rank	Apple Store	Google Play Store
1	United States	Mexico
2	Mexico	India
3	Slovenia	Indonesia
4	Japan	South Korea
5	United Kingdom	Argentina
6	Italy	Russia
7	France	Slovenia
8	Germany	Egypt
9	South Africa	South Africa
10	Czech Republic	Italy

Education Statistics

In total, there were 394,243 completions of education courses and programs by all ADEL users since the launch, not including WADA staff using the sub-domain WADA Learning Path.

- A completion means the learner has met all the requirements of a course, for example:
 - Reviewed all pages in a guide document
 - Completed all the modules within an education course
 - Completed all the courses within an education program

- With the total completion count a lot higher than the number of total unique users, it shows that users have completed more than one course or, in some cases, completed all necessary requirements to obtain certification of completion.

Education Solutions for Athletes

Title of Education Program	Completions	Languages available
Athlete's Guide to the 2021 Code	149,332	English, French, Spanish, Albanian, Bulgarian, Cambodian (Khmer), Chinese Traditional, Croatian, Czech, Flemish, German, Italian, Japanese, Malay, Portuguese, Latvian, Polish, Romanian, Russian, Slovak, Slovenian, Tagalog, Thai, Turkish, Vietnamese, Ukrainian (26)
ADEL for International-Level Athletes	82,699	English, French, Spanish, Bulgarian, Cambodian (Khmer), Croatian, German, Italian, Japanese, Slovenian, Tagalog, Thai, Ukrainian (15)
ADEL for National-Level Athletes	27,136	English, French, Spanish, Bulgarian, Croatian, German, Italian, Japanese, Slovenian, Tagalog, Ukrainian (13)
ADEL for Registered Testing Pool athletes	4,724	English, French, Spanish, Albanian, Bulgarian, Cambodian (Khmer), Chinese Traditional, Croatian, Czech, German, Italian, Japanese, Malay, Polish, Portuguese, Romanian, Slovenian, Tagalog, Thai, Ukrainian (20)
ADEL for Talented Level Athletes	8,979	English, French, Spanish, Czech, Flemish, Portuguese, Thai, Slovenian (8)
Total completions by all athletes	272,870	

Education Solutions for Coaches

Title of Education Program	Completions	Languages available
ADEL for High Performance Coaches	19,443	English, French, Spanish, Croatian, Flemish, Slovenian, Ukrainian (7)

Education Solutions for Parents

Title of Education Program	Completions	Languages available
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ADEL for Parents of Elite Athletes	648	English, French, Croatian, Slovenian (4)
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Education Solutions for Medical Professionals

Title of Education Program	Completions	Languages available
ADEL for Medical Professionals	2,988	English, French, German (3)
Factsheet for Medical Professional: Glucocorticoid Injections	2,496	English, French, Spanish, Croatian, Japanese, Slovenian (6)

Values-Based Education: Sport Values in Every Classroom

Title of Education Program	Completions	Languages available
Sport Values in Every Classroom	619	English, French, Spanish (3)
Sport values online: 1. Welcome to sport values	972	English
Sport values online: 2. Respect	728	
Sport values online: 3. Equity	728	
Sport values online 4. Inclusion	696	

Education for those Attending Major Games

Title of Education Program	Completions	Languages available
ADEL for Olympic Winter Games Beijing 2022	4,021	English, French, Spanish, Albanian, Bulgarian, Croatian, Czech, German, Italian, Japanese, Latvian, Polish, Romanian, Russian, Slovak, Slovenian, Turkish, Ukrainian (18)
ADEL for Paralympic Winter Games Beijing 2022	298	English, French, Spanish, Bulgarian, Croatian, Czech, Japanese, Latvian, Slovak, Romanian, Russian, Ukrainian (12)

ADEL for Birmingham 2022 Commonwealth Games	1,970	English, French
ADEL for Medical Professionals at Major Games	2,669	English, French, Spanish, Bulgarian, Croatian, Portuguese, Romanian, Russian, Ukrainian (9)

Education for all ASP

Title of Education Program	Completions	Languages available
Athlete Support Personnel (ASP) Guide to the Code 2021	34,321	English, French, Spanish, Albanian, Bulgarian, Cambodian (Khmer), Chinese Traditional, Croatian, Japanese, Latvian, Portuguese, Polish, Romanian, Russian, Slovenian, Turkish (16)

Education for both Athletes and ASP

Title of Education Program	Completions	Languages available
Guide to the List 2022	20,241	English, French, Spanish, Croatian, Czech, Portuguese, Slovenian (7)
Factsheet: Glucocorticoid Injections	18,477	English, French, Spanish, Albanian, Bulgarian, Croatian, Czech, Japanese, Latvian, Polish, Romanian, Russian, Slovak, Slovenian, Thai, Turkish, Ukrainian (17)
Factsheet: Dried Blood Spot Testing – The Basics	2,685	English, French, Spanish, Croatian, Portuguese, Slovenian (6)
At-a-Glance: Athlete Whereabouts	1,750	English, French, Spanish, Japanese (4)
At-a-Glance: Therapeutic Use Exemptions (TUE)	1,750	
At-a-Glance: Anti-Doping Overview	3,080	

Athletes' Privacy Education

Title of Education Program	Completions	Languages available
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Privacy and Information Security Awareness for Athletes	766	English
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Other

Title of Education Program	Completions	Languages available
ABP Expert Guide	10	English
APMU Expert Guide	17	English

ADO Capability: CISP Program Statistics

The Code Implementation Support Program (CISP) hosted on ADEL includes more than 300 resources, including factsheets, video tutorials, checklists, presentations, recorded webinars, and templates with the majority available in English, French, and Spanish. The number of views for all three languages is listed below:

CISP Resources per language	Number of interactions/views
English	16,043
French	1,288
Spanish	1,312
Total	18,643

The table below lists the top viewed resource (with more than 100 interactions/views):

Title of Education Resource	Interactions/ views
Introducing the ISE	453
Anti-Doping Privacy Notice (long form)	312
Policy for Gathering Anti-Doping Intelligence	306
NADO- RA and TDP (Excel)	304
Athlete Curriculum	288
Guidelines for ISE	281
Workbook: Developing your Education Program	255
Guidelines for ISTUE	228
Guidelines for ISRM	218
Preparing for a WADA Audit: How to Respond to ISPPPI Questions	206
2- Major Changes to the 2021 Code	201

Risk Assessment and Test Distribution Plan	201
Operational Independence of NADOs under the 2021 Code	196
All things ADEL	195
DCO Manual (Updated 2022)	192
2021 Code Implementation	191
1- Major Changes to the 2021 Code	190
Monitoring and Evaluating your Education Program	186
2021 ISE Implementation	181
Athlete Pools and Whereabouts	181
Anti-Doping Privacy Notice (short form)	170
2021 Prohibited List and beyond	165
Key Topics - ISRM	164
2021 ISPPPI Implementation	158
ISL 2021: Impact for ADOs	156
2021 ISRM Implementation	155
Glossary	155
NADOs Operational Independence under the 2021 Code	155
Risk Assessment Matrix (Excel)	153
Athlete Curriculum and Education Plan Workbook: 2021 ISE support tools for ADOs	142
2020 & 2021 ISTI Implementation	137
NOCs	137
Athletes	134
2015-2021 Significant Changes to the Code	133
Athlete Support Personnel	131
Implementing an Effective Testing Program	131
Testing Pool Inclusion Notice	129
Guidelines for Sample Collection (Updated 2022)	127
International Standard for the Prohibited List	123
2021 ISRM	122
ISTUE Implementation for NADOs	122
RTP Inclusion Notice	121
Substances of Abuse under the 2021 Code and Prohibited List	119
DCO Agreements	118
Independence of Hearing Panels	118
Major changes to the ISRM	116
ISE and Guidelines (September 10, 2020)	115
Planning Effective Testing	115
Risk Assessment	114

Implementing Revised List	111
Key Topics - ISE	111
How to comply with ISTI Art 11	110
Pre-event education as part of an event-based education program	109
Record of Processing (Excel)	109
Guidelines for Sample Collection Personnel (Updated 2022)	108
1- Major Changes to the 2021 Code	107
Event-Based Education Requirements	106
IF (and MEO) Risk Assessment & TDP	105
RTP or TP Removal Notice	103
Guidelines for ISPPPI	100
Policy for Sample Retention and Further Analysis Strategy	100
Other resources	8664
Total	18643

This table lists the CISP Webinar hosted in 2022 and the number of people who attended live and viewed the recording:

Title of Resource	Completions	Languages available
Support tools for planning ADO education programs: Example of Athlete Support Personnel (ASP) Curriculums	160 attendees/80 recording views	English
Total	240	

ADO Capability: GLDF Program Statistics

Since the European pilot delivery of GLDF training from Oct 2021 to April 2022, followed by the global roll-out of GLDF training to participants from all other regions in April 2022, a total of 169 practitioners have been invited to participate and agreed to be enrolled on of the 6 training programs on offer for the period 2021-2022.

	Role	Education	Results Management including Hearing Panel members	Intelligence and Investigations	Privacy and Data Protection	Media Relations and Communications	Therapeutic Use Exemption (TUE) and TUE Committee
European delivery (European funded projects)	Number of deliveries	1	2	3	1	1	-
	Number of participants	16	33	46	14	14	-

Global roll out of delivery	Number of deliveries	1	1	-	-	-	1
	Number of participants	13	17	-	-	-	16

ADEL in 2023

Front-line Education Solutions Content Development Plan

The Guidelines for the International Standard of Education state that education should be ongoing and structured according to each development stage along the athlete pathway. Additionally, the people surrounding athletes (ASP) have direct impact on athletes' behaviors and need to be educated to build a strong system to protect clean athletes.

In line with the ISE, WADA will further develop education programs in 2023 to enable ADO practitioners to complement or use for educating the athletes and ASPs in their education pool:

- ADEL for Talented Athletes competing internationally
- ADEL for Youth Athletes
- ADEL for Recreational Athletes
- ADEL for Club or Community Coaches
- ADEL for Medical Professionals (revamp)
- Guide to the List 2024
- ADEL Refresher Course for Coaches of High-Performance Athletes (Recertification)

Translations

Equally important, we are working to help ADOs extend the reach of their education programs by offering translation support and service. The following languages listed below are planned for translation:

- ADEL for International Level Athletes Education Program (Arabic International, Burmese, Chinese Traditional, Hindu, Lao, Malaysian, Mongolian, Russian, Serbian, Turkmenistan, Uzbekistan, Vietnamese)
- ADEL for Coaches of High-Performance Education Program (Czech, Japanese, Portuguese, Tagalog, Thai)
- ADEL for Talented Level Athletes Education Program (Bulgarian, Japanese, Tagalog)
- At a glance series (Croatian, Ukrainian, Portuguese)

In support of upcoming major events (the Asian Games, the 2024 Winter Youth Olympics, the Paris 2024 Olympics, and Paralympics Games), WADA Education team will actively collaborate with ADOs on the

translation of relevant pre-Games education courses, to make them accessible for the athletes and ASPs going to the games.

Pre-Games Education

With Olympics (Tokyo summer Olympics and Beijing winter Olympics) pre-Games education a success in terms of the high level of athletes and coaches' participation and completion, we are working to build our partnership with the IOC to develop anti-doping education solutions for athletes and ASP going to the 2024 Paris Olympics and Paralympics Games. The following pre-Games education courses are planned to launch this year:

- ADEL for Paris 2024 Olympics
- ADEL for Paris 2024 Paralympics

ADEL Landing Dashboards

With more and more education solutions made available, including in many languages on ADEL, WADA aims to improve learners' experience in terms of navigation. In time, WADA will develop the following landing dashboards for different users of ADEL, with better visuals and role/level specific catalogs.

- Landing dashboard for athletes - which will include the following athletes' level specific catalogs:
 - International level
 - National level
 - Talented
 - Youth
 - Children and school sport
 - Recreational
 - Major games
- Landing dashboard for athlete support personnel – which will include the following ASP role specific catalogs:
 - Coaches
 - Medical professionals
 - Parents
 - Teachers

- Others
- Major games
- Landing dashboard for ADO practitioners
 - CISP resources hub
 - GLDF program

ADEL Roadmap

WADA aims to inform the anti-doping community about new programs and resources being developed, in what languages and approximate timeline. For ADO practitioners only, there is a dedicated page called [ADEL Roadmap](#) on the ADO Zone dashboard. WADA aims to update the information on a regular basis so ADOs are aware.

ADO Capability

Communities of Learning

The Communities of Learning (CoL) refer to the growing pools of participants' cohorts who have gone through role-specific training, and for which the GLDF provides a platform for continuous professional development (CPD) opportunities. Their activities, which will be launched in 2023, will be hosted on ADEL.

CPD opportunities for CoL will be of two kinds some role-related, others covering the core competencies that are common across the various roles in the industry.

- **Role specific CPD:** Just like the development of GLDF role-specific training has been informed by the role-specific professional standard (a document benchmarking good professional practice), role specific CPD activities are mapped against these standards. The 2023 launch of these CPD activities will take the form of “Ask the Expert sessions”, which will offer participants the opportunity to delve deeper into some of the topics of the role-specific trainer curricula.
- **Generic anti-doping practitioner CPD:** A key document of the GLDF is the anti-doping core competency framework (CCF). The CCF details the values that should guide and influence all practitioners across the industry in their actions and in the choices that they make as well as the competencies that are common across the various roles in the anti-doping industry, and that all practitioners should be able to demonstrate. The CoL will offer CPD activities that were designed to

develop and strengthen these core competencies. The 2023 launch of these CPD activities will be of two kinds:

- Scenario Based Learning. Through facilitated discussions (by GLDF Trainers), up to 16 participants will be invited to share their opinions, perspectives, and personal experiences in given scenarios, exploring together the key behaviours for success in a given area.
- A curated library of online courses which will offer participants open access to a range of generic videos, PDFs and word documents with high quality informative content on good practice. This library of information developed by specialists is accessible at any time for all anti-doping practitioners and organized around the 7 core competencies of the CCF.

Testing training program

A GLDF training program has been developed early 2023 and currently being piloted. Once evaluated and revised, this training program will be added as a seventh role to the GLDF training programs' offer.

Appendix I Users per Country

The table below outlines the number of registered (unique) users per country on the ADEL platform since its launch.

Country	Number	Country	Number	Country	Number
SLOVENIA	28075	CHINA	1918	ISRAEL	928
MEXICO	7499	UKRAINE	1870	FINLAND	916
UNITED STATES OF AMERICA	5722	HUNGARY	1671	BULGARIA	884
ITALY	5195	PORTUGAL	1648	SLOVAKIA	878
RUSSIAN FEDERATION	5127	SINGAPORE	1632	PERU	840
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	4977	BELARUS	1599	NEW ZEALAND	812
FRANCE	4642	BELGIUM	1596	SWEDEN	791
MALAYSIA	4276	AUSTRALIA	1499	KOREA, REPUBLIC OF	766
SOUTH AFRICA	4164	COSTA RICA	1438	EL SALVADOR	748
ARGENTINA	3679	GREECE	1381	AZERBAIJAN	674
BRAZIL	3449	NETHERLANDS	1329	DENMARK	667
SPAIN	3270	CROATIA	1242	VENEZUELA, BOLIVARIAN REPUBLIC OF	652
GERMANY	3213	GUATEMALA	1235	NORWAY	603
CANADA	3061	ZIMBABWE	1178	THAILAND	600
CZECHIA	2846	TURKEY	1177	TAIWAN, PROVINCE OF CHINA	595
INDIA	2645	ECUADOR	1167	LESOTHO	567
COLOMBIA	2388	KAZAKHSTAN	1157	IRAN, ISLAMIC REPUBLIC OF	555
JAPAN	2252	IRELAND	1112	LATVIA	553
SWITZERLAND	2132	ROMANIA	1006	URUGUAY	526
POLAND	2124	CHILE	963		
EGYPT	2060	AUSTRIA	928	Total: 61 countries	

Countries with number of users under 500					
LITHUANIA	491	BARBADOS	97	UNITED STATES MINOR OUTLYING ISLANDS	19
HONG KONG	483	BAHAMAS	96	SOMALIA	19
ESTONIA	478	JORDAN	92	NORTHERN MARIANA ISLANDS	19
MOROCCO	475	BANGLADESH	91	GAMBIA	18
SERBIA	462	YEMEN	82	CONGO, THE DEMOCRATIC REPUBLIC OF THE	18
NIGERIA	430	SOLOMON ISLANDS	79	PALAU	18
INDONESIA	426	CAMBODIA	77	BERMUDA	18
ZAMBIA	414	LIBYA	76	AMERICAN SAMOA	17
UZBEKISTAN	412	MALDIVES	75	SUDAN	17
PANAMA	400	TOGO	66	NAURU	16
PHILIPPINES	390	BAHRAIN	65	GIBRALTAR	16
BOSNIA AND HERZEGOVINA	364	ETHIOPIA	63	DOMINICA	15
UNITED ARAB EMIRATES	344	HONDURAS	61	SAINT VINCENT AND THE GRENADINES	14
NAMIBIA	337	NICARAGUA	60	LIECHTENSTEIN	14
ANGOLA	337	SIERRA LEONE	60	REUNION	12
MOLDOVA, REPUBLIC OF	336	BENIN	59	CONGO	12
DOMINICAN REPUBLIC	330	PAPUA NEW GUINEA	54	TONGA	11
MONGOLIA	329	ALBANIA	53	GUADELOUPE	11
TRINIDAD AND TOBAGO	316	ARUBA	51	MADAGASCAR	10
PUERTO RICO	305	TANZANIA, UNITED REPUBLIC OF	50	OMAN	10
KYRGYZSTAN	287	SEYCHELLES	50	SAINT LUCIA	9
LUXEMBOURG	286	BRUNEI DARUSSALAM	50	BHUTAN	9
BOLIVIA, PLURINATIONAL STATE OF	282	ISLE OF MAN	49	COMOROS	9

FIJI	276	NEPAL	46	CURACAO	9
MALAWI	272	SENEGAL	46	TIMOR-LESTE	9
PAKISTAN	255	RWANDA	46	DJIBOUTI	8
KENYA	251	CAYMAN ISLANDS	43	VIRGIN ISLANDS, BRITISH	8
ICELAND	249	NIGER	42	MICRONESIA, FEDERATED STATES OF	8
MALTA	249	HAITI	42	GABON	8
BOTSWANA	248	FRENCH POLYNESIA	42	SAINT KITTS AND NEVIS	7
TUNISIA	245	CÔTE D'IVOIRE	41	MACAO	7
PARAGUAY	234	SAN MARINO	41	ERITREA	6
MYANMAR	231	PALESTINE, STATE OF	37	JERSEY	6
UGANDA	216	TAJIKISTAN	36	NEW CALEDONIA	6
CYPRUS	212	SAMOA	34	SINT MAARTEN (DUTCH PART)	6
GEORGIA	210	AFGHANISTAN	34	MARSHALL ISLANDS	6
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	186	MOZAMBIQUE	33	CENTRAL AFRICAN REPUBLIC	5
ALGERIA	184	GUINEA	32	VANUATU	5
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	171	NIUE	32	GREENLAND	4
SRI LANKA	164	SURINAME	30	SOUTH SUDAN	4
JAMAICA	162	GUAM	30	MONTSERRAT	4
SWAZILAND	161	BELIZE	29	GUINEA-BISSAU	4
VIRGIN ISLANDS, U.S.	148	CABO VERDE	28	NETHERLANDS ANTILLES	3
CUBA	143	BURUNDI	26	MARTINIQUE	3
GHANA	142	GUERNSEY	26	LIBERIA	2
MONTENEGRO	141	LAO PEOPLE'S DEMOCRATIC REPUBLIC	25	MAURITANIA	2

ARMENIA	138	FALKLAND ISLANDS (MALVINAS)	24	FRENCH GUIANA	2
IRAQ	131	MONACO	24	CHRISTMAS ISLAND	2
CAMEROON	127	GRENADA	24	SAINT PIERRE AND MIQUELON	2
SAUDI ARABIA	113	EQUATORIAL GUINEA	23	CHAD	2
LEBANON	113	TURKS AND CAICOS ISLANDS	23	TUVALU	2
VIET NAM	112	FAROE ISLANDS	23	ANTARCTICA	2
MAURITIUS	109	BURKINA FASO	21	BRITISH INDIAN OCEAN TERRITORY	1
KUWAIT	108	ANTIGUA AND BARBUDA	20	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	1
GUYANA	107	COOK ISLANDS	20	KIRIBATI	1
ANDORRA	105	MALI	20	BONAIRE, SINT EUSTATIUS AND SABA	1
QATAR	104			ANGUILLA	1
SYRIAN ARAB REPUBLIC	101			SAO TOME AND PRINCIPE	1
TURKMENISTAN	101			Total: 173 countries	

Appendix II Users per Sport

The table below outlines the number of registered (unique) users per sport on the ADEL platform since its launch.

Sport	Number	Sport	Number	Sport	Number
Gymnastics (FIG)*	18104	Wrestling (United World Wrestling)*	943	Golf (IGF)*	199
Flying Disc (WFDF)*	6674	Rugby Union (World Rugby)*	913	Squash (WSF)*	192
Canoe/Kayak (ICF)*	6445	Floorball (IFF)*	876	Heavy Athletics	187
Handball (IHF)*	6147	Mountaineering and Climbing (UIAA)*	873	Cricket (ICC)*	175
Powerlifting (IPF)*	6144	Boxing (AIBA)*	800	Para-Powerlifting (IPC)*	173
Volleyball (FIVB)*	5845	Table Tennis (ITTF)*	749	Wrestling	169
Athletics (WA)*	5404	Kickboxing	747	Mixed Martial Arts (IMMAF)	165
Aquatics (FINA)*	5065	Tennis (ITF)*	703	Bowls (WBL)*	130
Basketball (FIBA)*	5048	American Football (IFAF)*	658	Tug of War (TWIF)*	129
Roller Sports (World Skate)*	4762	Automobile Sports (FIA)*	627	Surfing (ISA)*	128
Field Hockey (FIH)*	4687	Fencing (FIE)*	612	Pencak Silat	122
Cycling (UCI)*	4153	Swimming - Para-Swimming (IPC)*	610	Taekwondo (ITF-Spain)*	121
Kickboxing (WAKO)*	3880	Netball (World Netball)*	542	Functional Fitness	107
No sport	3739	Baseball/Softball (WBSC)	541	Wushu (IWUF)*	104
Football (FIFA)*	3714	Bobsleigh and Skeleton (IBSF)*	511	School Sports	104
Motorcycle Racing (FIM)*	2801	Equestrian (FEI)*	508	Kettlebell Lifting (IUKL)*	104
Weightlifting (IWF)*	2336	Air Sports (FAI)*	466	Luge (FIL)*	103
Muaythai (IFMA)*	2181	Bodybuilding (IFBB)*	439	Orienteering (IOF)*	92
Skating (ISU)*	2084	Sport Fishing (CIPS)*	393	Street and Ball Hockey	86
Ice Hockey (IIHF)*	2068	Cheerleading (ICU)*	383	Racquetball (IRF)*	85
DanceSport (WDSF)*	1926	Ju-Jitsu (JJIF)*	366	Goalball	84
Other	1904	Modern Pentathlon (UIPM)*	356	Basque Pelota (FIPV)*	79

Lacrosse (WL)*	1840	Extreme Sports	354	Underwater Sports (CMAS)*	78
Biathlon (IBU)*	1809	Bowling (IBF)*	354	Sepaktakraw (ISTAF)*	71
Skiing (FIS)*	1727	Sport Climbing (IFSC)*	341	Horse Racing	70
Taekwondo (ITF Austria)*	1720	ParaVolley (World Paravolley)*	337	Darts (WDF)*	67
Shooting (ISSF)*	1669	Sailing (WS)*	331	Wheelchair Basketball (IWBF)*	59
Triathlon (World Triathlon)*	1569	Rafting	288	Strongman	58
Dragon Boat (IDBF)*	1418	Wheelchair Rugby (IWRF)*	276	Ski Mountaineering (ISMF)*	56
Taekwondo (World Taekwondo)*	1399	Bodybuilding	258	Life Saving (ILS)*	56
Aesthetic Group Gymnastics	1342	Triathlon (Ironman)*	253	Billiards Sports (WCBS)*	54
Archery (WA)*	1280	Chess (FIDE)*	252	Casting (ICSF)*	54
Judo (IJF)*	1222	Para-Athletics (IPC)*	250	Jiu-Jitsu (Brazilian)	52
Badminton (BWF)*	1213	Curling (WCF)*	238	Aikido (IAF)*	52
Pole sports (IPSF)*	1162	Boules Sports (CMSB)*	235		
Karate (WKF)*	1072				
Rowing (WR)*	1036				
Boccia (BISFed)*	1033				

Sports with number of users under 50

Sport	Number	Sport	Number	Sport	Number
Para-Alpine Skiing (IPC)*	47	Electronic Sports (IESF)*	13	Domimo	3
Waterskiing (IWWF)*	47	Powerchair Hockey (IWAS)*	13	Chin-up	3
Arm Wrestling (WAF)*	45	Korfball (IKF)*	13	Shoe Racing	3
Para-Ice Hockey (IPC)*	39	Hunting sports	13	Powerboating (UIM)*	3
Thai Traditional Sports	38	Kendo (FIK)*	12	Ballon au Poing	3
Wheelchair Fencing (IWAS)*	37	VA'A	12	Unifight (FIAU)*	3
Cross training/military cross training	37	Unicycling	12	Woodball	3

Rugby League (IRL)*	37	Australian Rules Football	11	Bandy (FIB)*	3
Traditional Martial Arts	36	Traditional Archery	10	Kudo	3
Para-Nordic Skiing (IPC)*	34	Gaelic Games	9	Dragon and Lion Dance	3
Clay Target Shooting	34	Para-Bowling (World Bowling)*	9	Kempo	3
Savate (FIS)*	31	Kabaddi	8	Budo	3
Icestocksport (IFI)*	30	Touch Football	8	Snowmobile	2
Para-Shooting (IPC)*	29	Crossword	8	Skyball	2
Obstacle Sports	29	Foot Volley	8	Woodsman	2
Electronic Sports	28	Rinkball	8	Military Patrol	2
Karate (WKO)*	27	Xiangqi	8	Tchoukball	2
Sambo (FIAS)*	27	Rope Skipping	8	Highland Games	2
Full contact	26	Sumo (IFS)*	7	IBSA sports	2
Mixed Martial Arts (GAMMA)	25	Practical Shooting	7	Bridge (WBF)*	2
Go (IGF)*	21	Motoball	6	Boot-Throwing	2
Polo (FIP)*	21	Para-Bowls	6	Vovinam	2
Ultimate Fighting	20	French Boxing	6	Speleology	1
Basque Sports	19	Draughts (FMJD)*	6	CISM sports	1
Company Sports	19	Kung Fu	6	Shearing Sports	1
Multifunctional Training	19	Skibob	5	Minigolf (WMF)*	1
CP Football (CPISRA)*	18	Naginata	5	WSLeague - Surfing	1
Power Press	18	Heavy Events	5	Kyudo	1
Cheerleading (IFC)*	17	Teqball (FITEQ)*	5	Hornuss	1
Friskis & Svettis	16	Ultra Triathlon	5	Chanbara	1
Para-DanceSport (IPC)*	15	Military Sport Pentathlon	4	Ringette	1
Athletics - Paraspport (IPC)*	14	Beach Tennis	4	Kaatsen	1
Showdown	14	Crossbow	4	Speedball	1
Traditional Karate	14	Soft Tennis (ISTF)*	4	Tarung Derajat	1
Jump Rope (IJRU)*	14	Kurash (IKA)*	4	INSA sports	1
Leones Bowls	14	Fistball (IFA)*	4	Shuttlecock	1
Para-Snowboard (IPC)*	13	Firefighting and Rescuing	4	Course Landaise	1
Para-Biathlon (IPC)*	13	Kin-Ball	3	Stilts Racing	1
Sitball	13	Twirling	3	Gigathlon	1

	Total: 202 sports
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Notes: Sport is not a true mandatory field on ADEL. Users with the role medical professionals, researchers and others are not asked to select this field. There were 13184 users in the blank category.