



ICAO

TRAINING



# TRAINING IN FIGURES

TRAINAIR PLUS

## 2019-2021

A STATISTICAL ABSTRACT OF ICAO TRAINING ACTIVITIES

## ICAO TRAINING IN FIGURES

At the occasion of the ICAO 41st Assembly, this year special 2019-2021 edition of the ICAO Training in Figures presents a statistical overview of training activities undertaken since the last 40th Assembly by the Global Aviation Training Section (GAT), TRAINAIR PLUS Members and Partners, and ICAO's Air Transport Bureau (ATB) through its network of regional Aviation Security Training Centres (ASTCs).

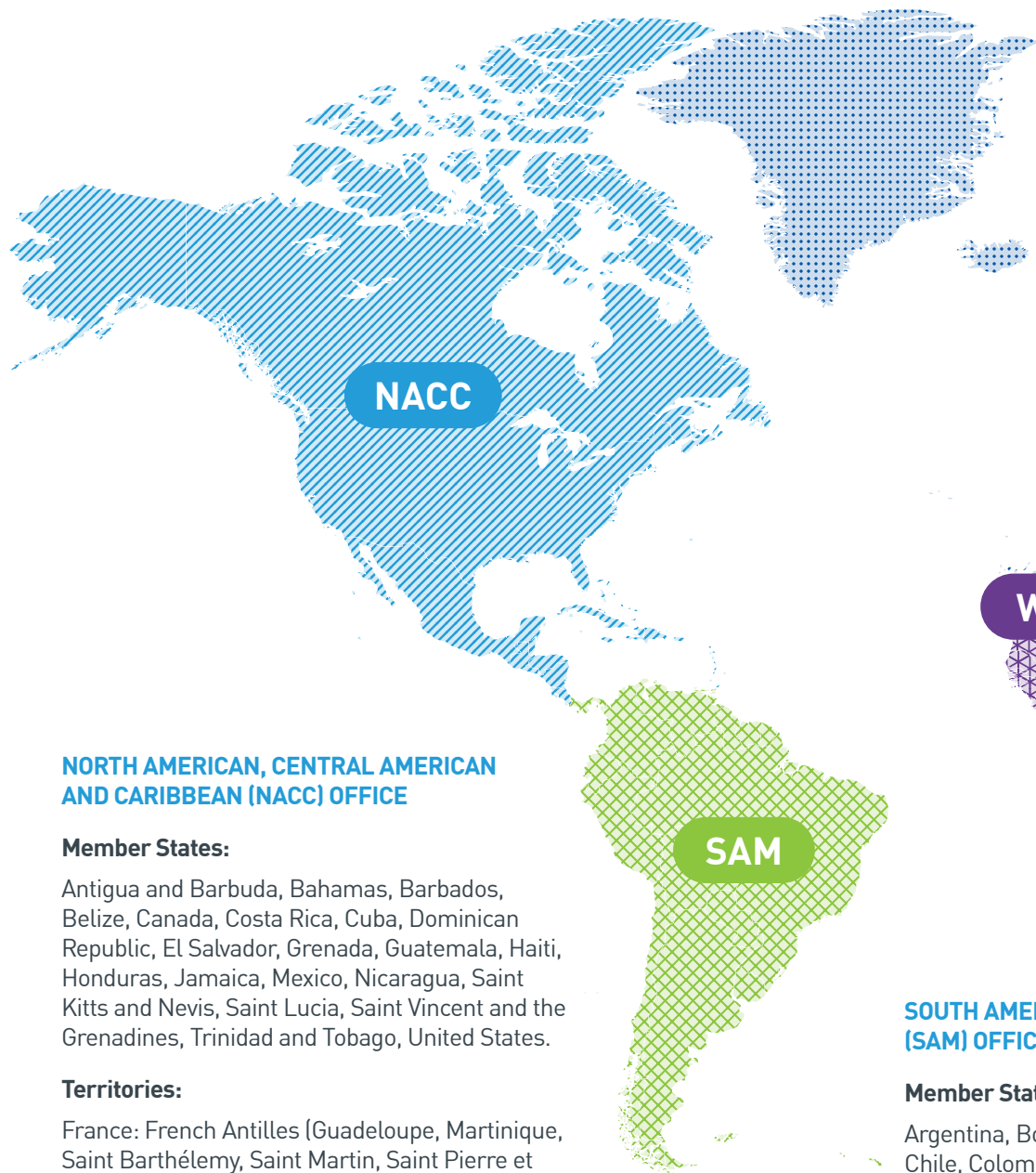
The abstract provides a holistic and detailed outlook on global and regional training undertaken in the last three years by ICAO, including historical series of number of trainees, training courses delivered, courses developed, and training centres assessed. Data are complemented by information on regional distribution and thematic area. The gender distribution across all regions is also highlighted, in an effort to stimulate critical thinking on strategies and actions to undertake to further foster gender equality in aviation. Each thematic outlook has its own economic, social and cultural factors that impact access to training. The careful consideration of those factors in the constant evolution of ICAO training strategy is key in providing better and increased access to training and education in civil aviation, and ultimately to successful capacity-building.

Since the onset of the COVID-19 pandemic in 2020, in an effort to provide ICAO Member States and TRAINAIR PLUS Members with uninterrupted access to training, ICAO has rapidly adjusted its strategy to convert its existing classroom courses into virtual training, to develop new courses in both delivery modalities, and to develop online training focused on aviation recovery and resilience topics. The conversion and development of virtual classroom courses has greatly increased the accessibility and affordability to ICAO training. Consequently, GAT's additional virtual training model has become an integral and definitive part of its products arsenal.

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Please note that the contents of this Statistical Abstract is with data as of 31 December 2021.



**NORTH AMERICAN, CENTRAL AMERICAN AND CARIBBEAN (NACC) OFFICE**

**Member States:**

Antigua and Barbuda, Bahamas, Barbados, Belize, Canada, Costa Rica, Cuba, Dominican Republic, El Salvador, Grenada, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, United States.

**Territories:**

France: French Antilles (Guadeloupe, Martinique, Saint Barthélemy, Saint Martin, Saint Pierre et Miquelon)

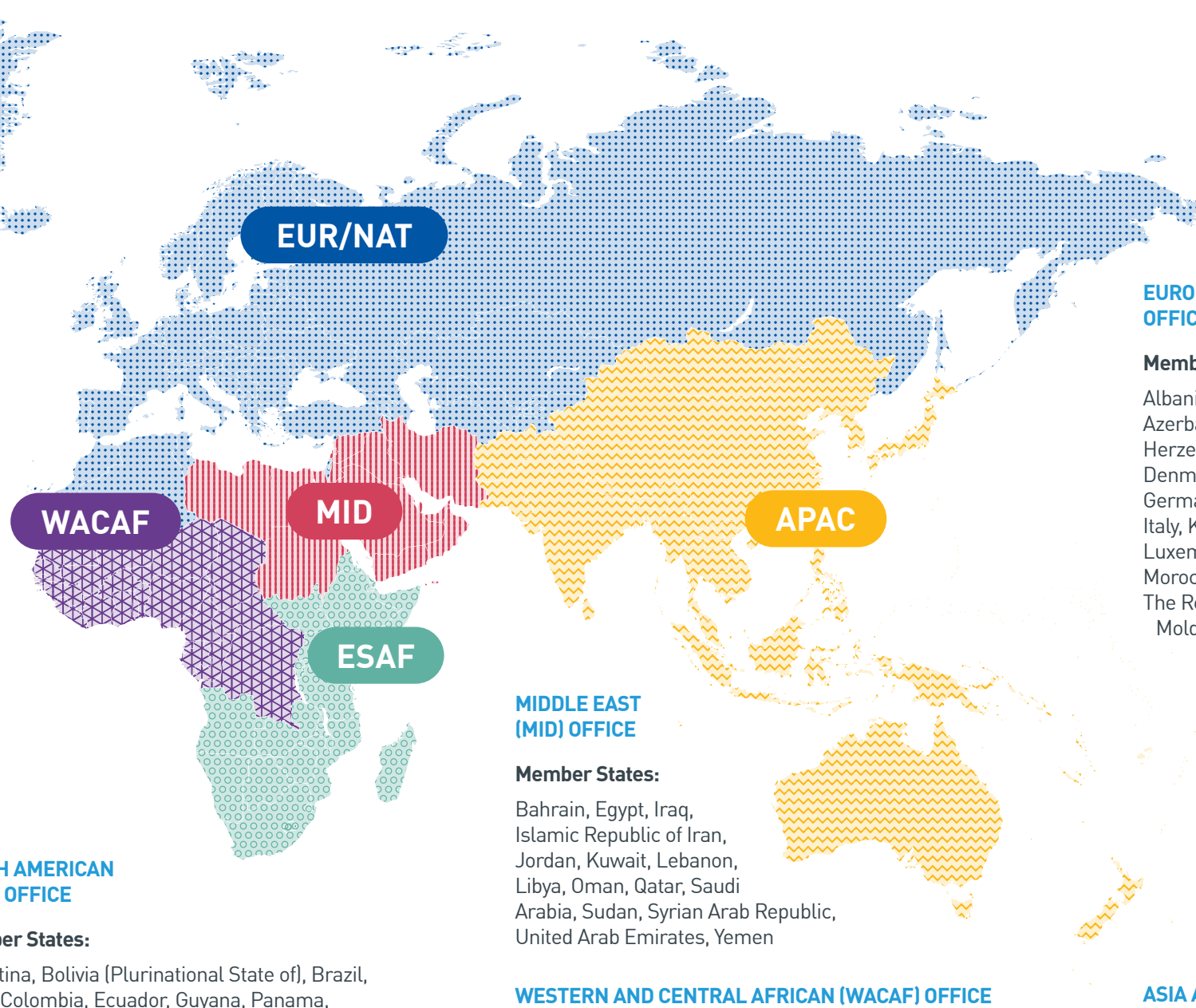
Netherlands: Aruba, Curaçao, Sint Maarten, Bonaire, Saba, Sint Eustatius

United Kingdom: Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Montserrat, Turks and Caicos Islands

United States: Puerto Rico, Virgin Islands.

**GLOSSARY**

**ICAO Regional Offices:** the Regional Offices are primarily responsible for maintaining continuous liaison with the States to which they are accredited and with appropriate organizations, regional civil aviation bodies and UN Agencies and programmes. They ensure interregional coordination and promote the timely and harmonized implementation of ICAO policies, resolutions, decisions, Standards and Recommended Practices (SARPs) and air navigation and aviation safety plans. There are seven ICAO Regional Offices.



**EUROPEAN AND NORTH ATLANTIC (EUR/NAT) OFFICE**

**Member States:**

Albania, Algeria, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, Morocco, Netherlands, Norway, Poland, Portugal, The Republic of North Macedonia, Republic of Moldova, Romania, Russian Federation, San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Kingdom, Uzbekistan.

**MIDDLE EAST (MID) OFFICE**

**Member States:**

Bahrain, Egypt, Iraq, Islamic Republic of Iran, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syrian Arab Republic, United Arab Emirates, Yemen

**WESTERN AND CENTRAL AFRICAN (WACAF) OFFICE**

**Member States:**

Benin, Burkina Faso, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Côte d'Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Mauritania, Niger, Nigeria, Sao Tome and Principe, Senegal, Sierra Leone, Togo.

**EASTERN AND SOUTHERN AFRICAN (ESAF) OFFICE**

**Member States:**

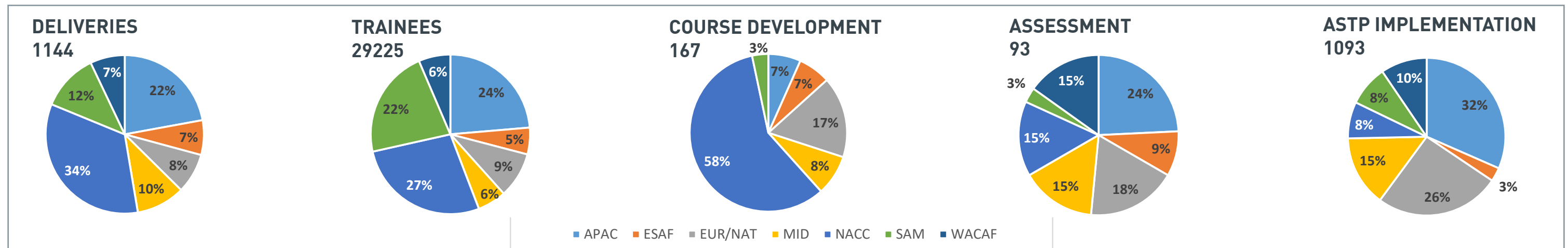
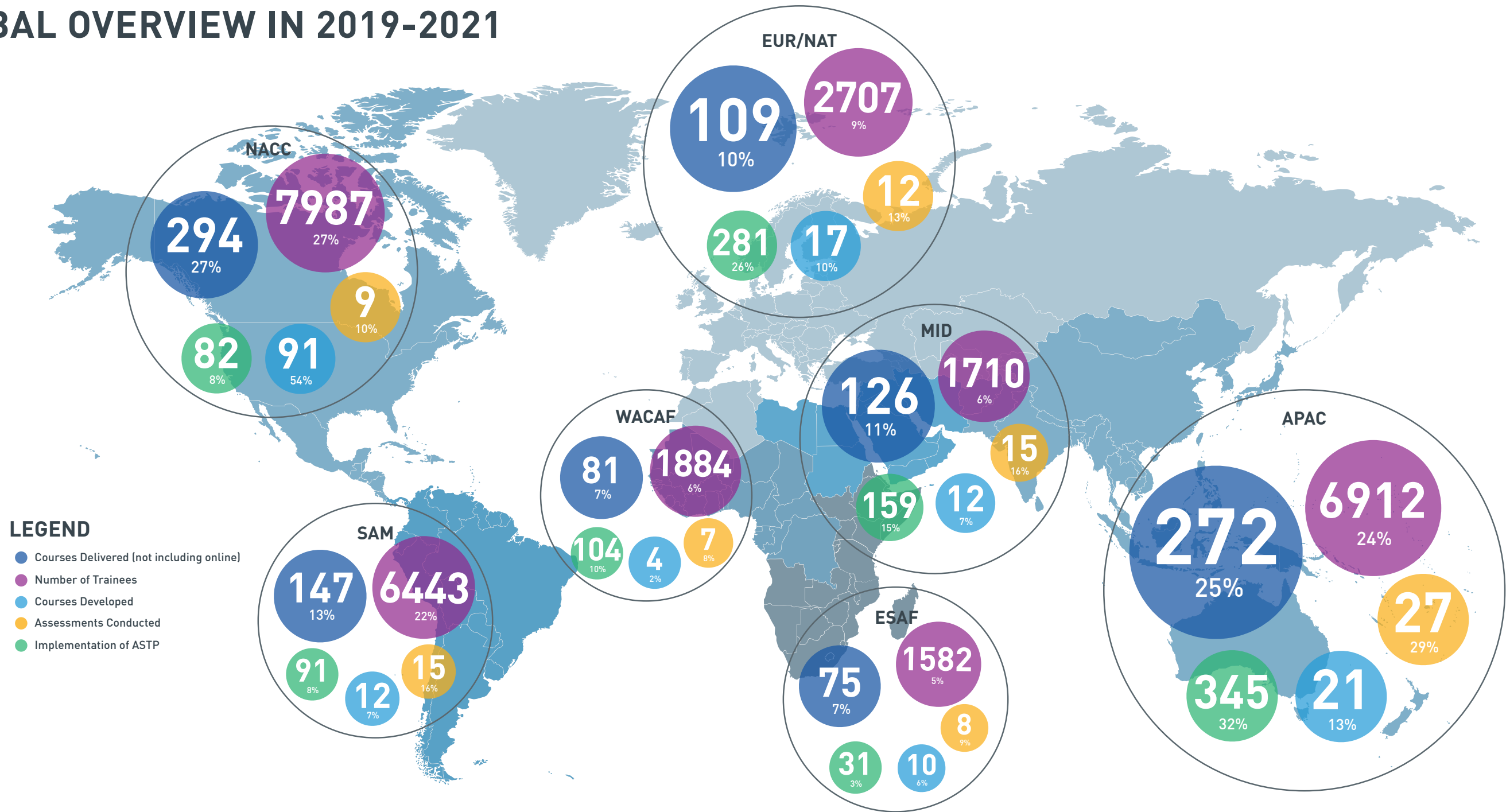
Angola, Botswana, Burundi, Comoros, Djibouti, Eritrea, Ethiopia, Kenya, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Rwanda, Seychelles, Somalia, South Africa, South Sudan, Swaziland, Uganda, United Republic of Tanzania, Zambia, Zimbabwe.

**ASIA AND PACIFIC (APAC) OFFICE**

**Member States:**

Afghanistan, Australia, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, Hong Kong China, Macao China, Cook Islands, Democratic People's Republic of Korea, Fiji, India, Indonesia, Japan, Kiribati, Lao People's Democratic Republic, Malaysia, Maldives, Marshall Islands, Micronesia (Federated States of), Mongolia, Myanmar, Nauru, Nepal, New Zealand, Pakistan, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Sri Lanka, Thailand, Timor Leste, Tonga, Tuvalu, Vanuatu, Viet Nam.

# GLOBAL OVERVIEW IN 2019-2021



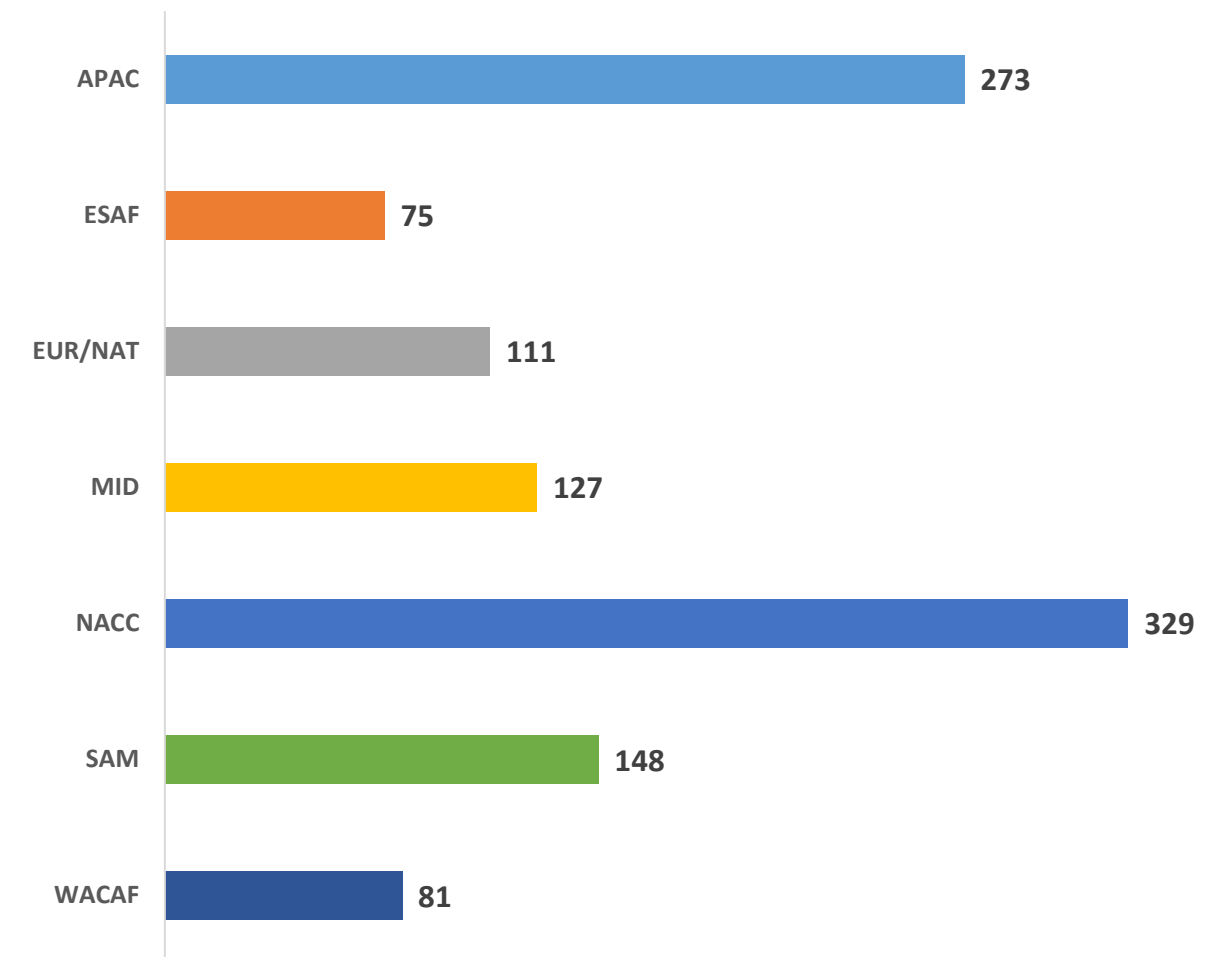
# COURSE DELIVERY



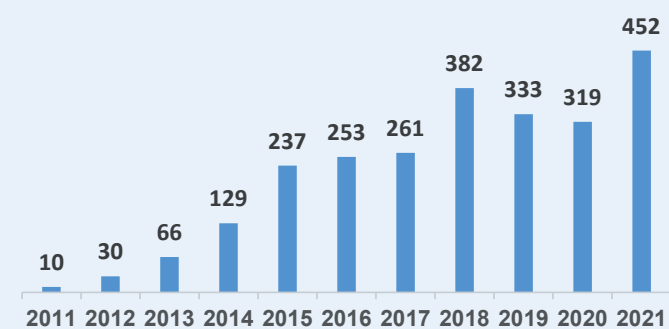
## NUMBER DELIVERIES 2019-2021 (Excluding online courses)

TOTAL  
**1144**

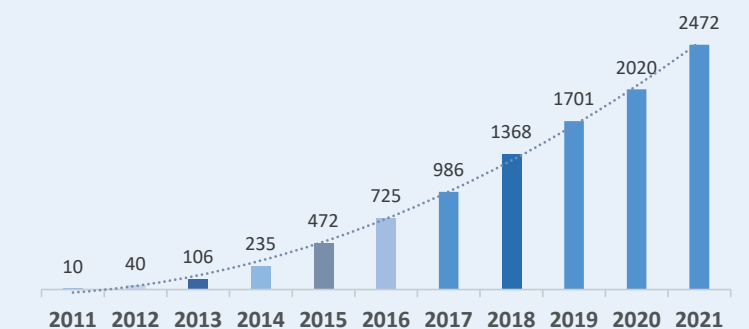
### PER REGION



### YEARLY



### CUMULATIVE



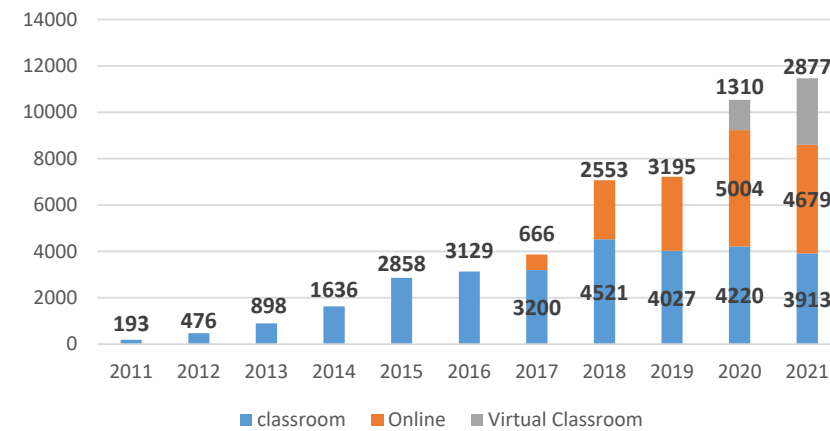
# NUMBER OF TRAINEES GLOBALLY IN 2019-2021

TOTAL  
**29225**

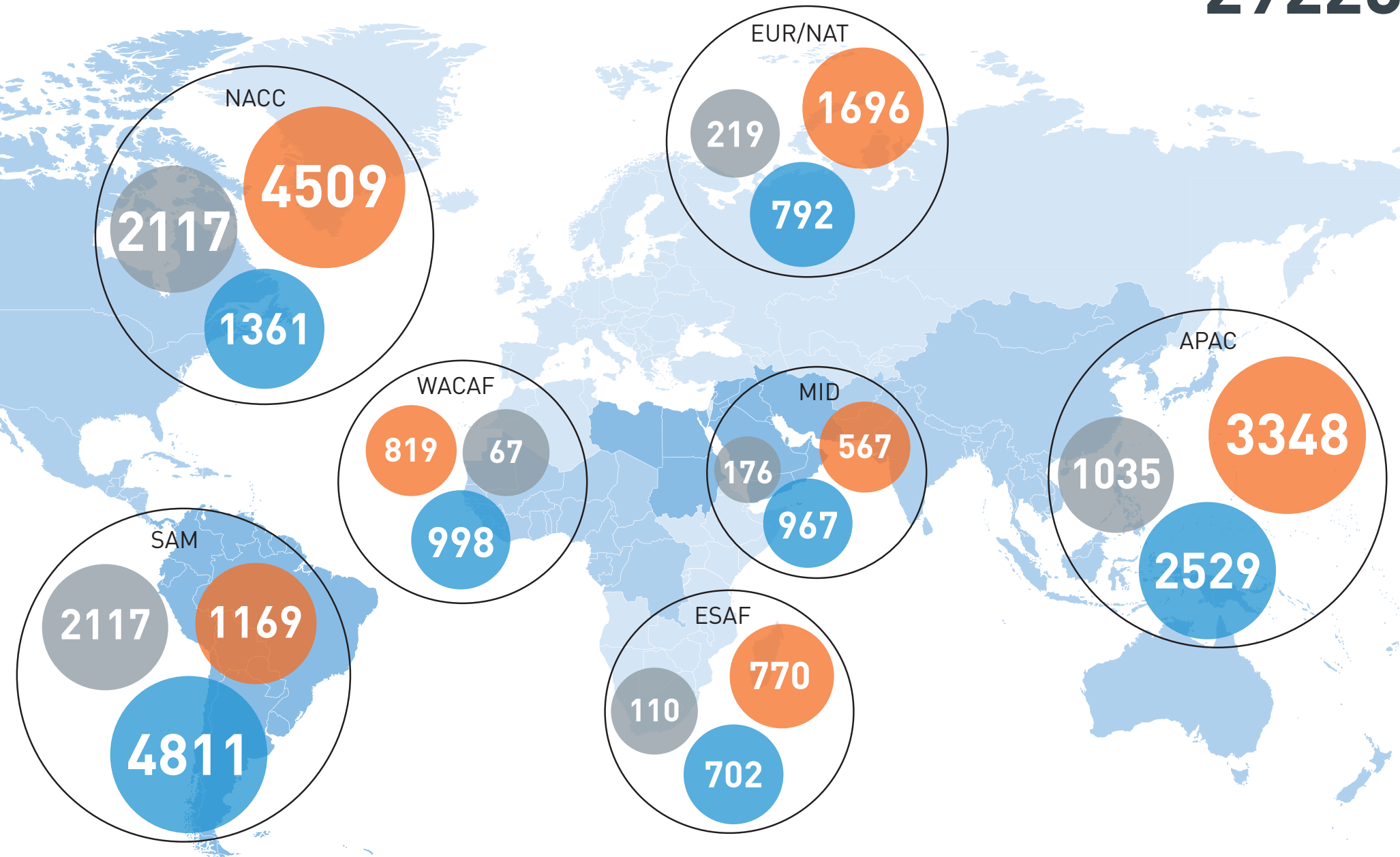
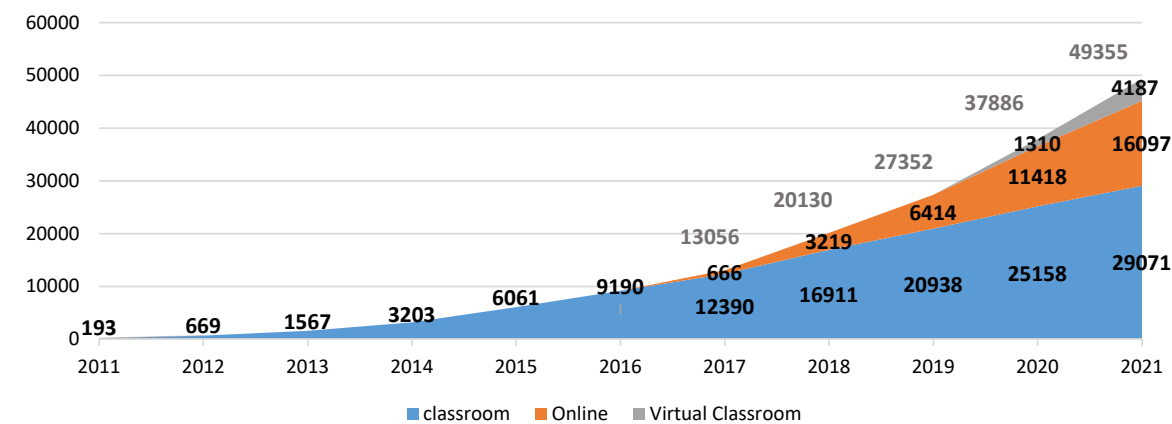
- VIRTUAL CLASSROOM\*
- ONLINE
- CLASSROOM

## NUMBER TRAINEES

### YEARLY



### CUMULATIVE



### VIRTUAL CLASSROOM\*

APAC	1035
ESAF	110
EURNAT	219
MID	176
NACC	2117
SAM	463
WACAF	67
<b>TOTAL</b>	<b>4187</b>

### ONLINE

APAC	3348
ESAF	770
EURNAT	1696
MID	567
NACC	4509
SAM	1169
WACAF	819
<b>TOTAL</b>	<b>12878</b>

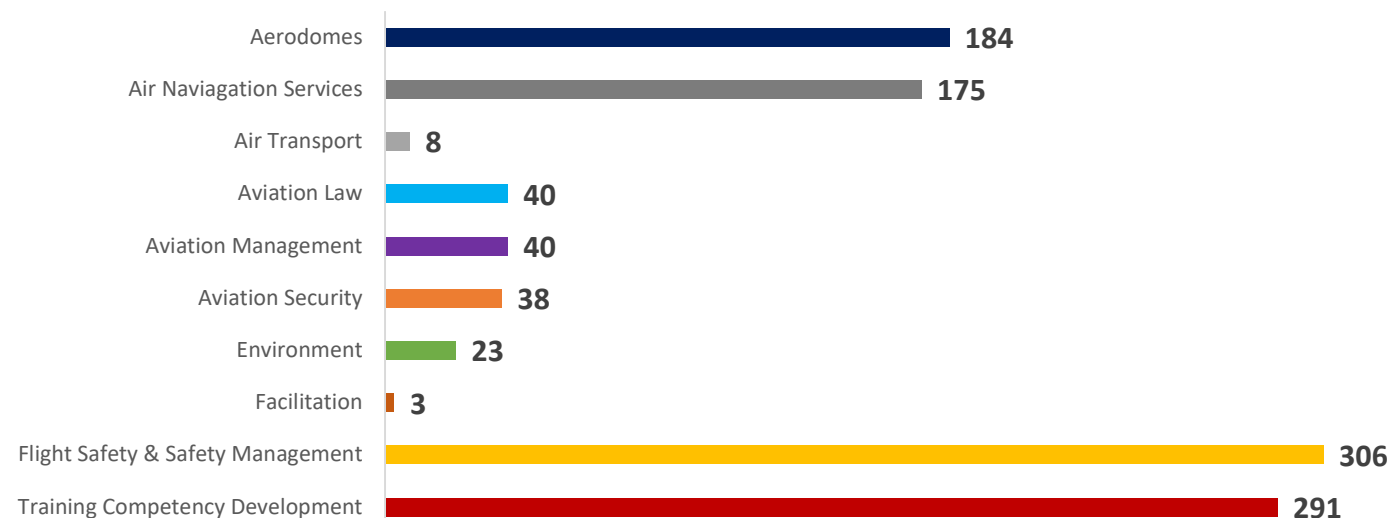
### CLASSROOM

APAC	2529
ESAF	702
EURNAT	792
MID	967
NACC	1361
SAM	4811
WACAF	998
<b>TOTAL</b>	<b>12160</b>

\*Introduced in 2020

# COURSES DELIVERED BY THEMATIC AREA 2019-2021

(Classroom and Virtual Classroom deliveries only)



## GLOSSARY

**ICAO Training:** ICAO Training is the acquisition of knowledge and skills provided by ICAO and/or training organizations associated with ICAO issuing a certificate of completion or a certificate of achievement with the ICAO emblem or an ICAO programme emblem.

**Competency-based training:** Competency-based training is the approach ICAO recommends for training aviation professionals. ICAO aviation training is standardized, based on the analysis of competencies, job-oriented and material-dependent. TRAINAIR PLUS course developers follow competency-based training methodology to develop training courses.

**Virtual Classroom Courses:** Virtual Classroom Courses provide interactive learning experience in a virtual classroom. Participants can not only benefit from the real-time instructor-led training, but also engage in the live discussions and group activities, using online platform functions such as interactive polls, breakout rooms, etc.

# INSTRUCTORS, SMEs and ISD VALIDATORS

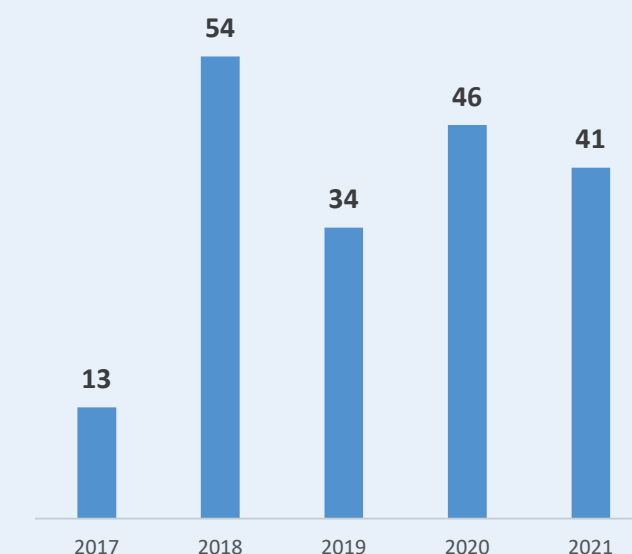
TOTAL NUMBER OF INSTRUCTORS **195**

TOTAL NUMBER OF SMEs **68**

TOTAL NUMBER OF ISD VALIDATORS **33**

as of 31 December 2021

## NEW INSTRUCTORS QUALIFIED PER YEAR



**Classroom Courses:** GAT has an extensive portfolio of face-to-face courses that are delivered in traditional format, led by an ICAO-qualified instructor in a classroom environment. Classroom courses are the only mode of delivery where access to technology and high-speed internet is limited, with no access to online and/or virtual courses. The delivery of the classroom portfolio is managed through the TRAINAIR PLUS Electronic Management System (TPEMS).

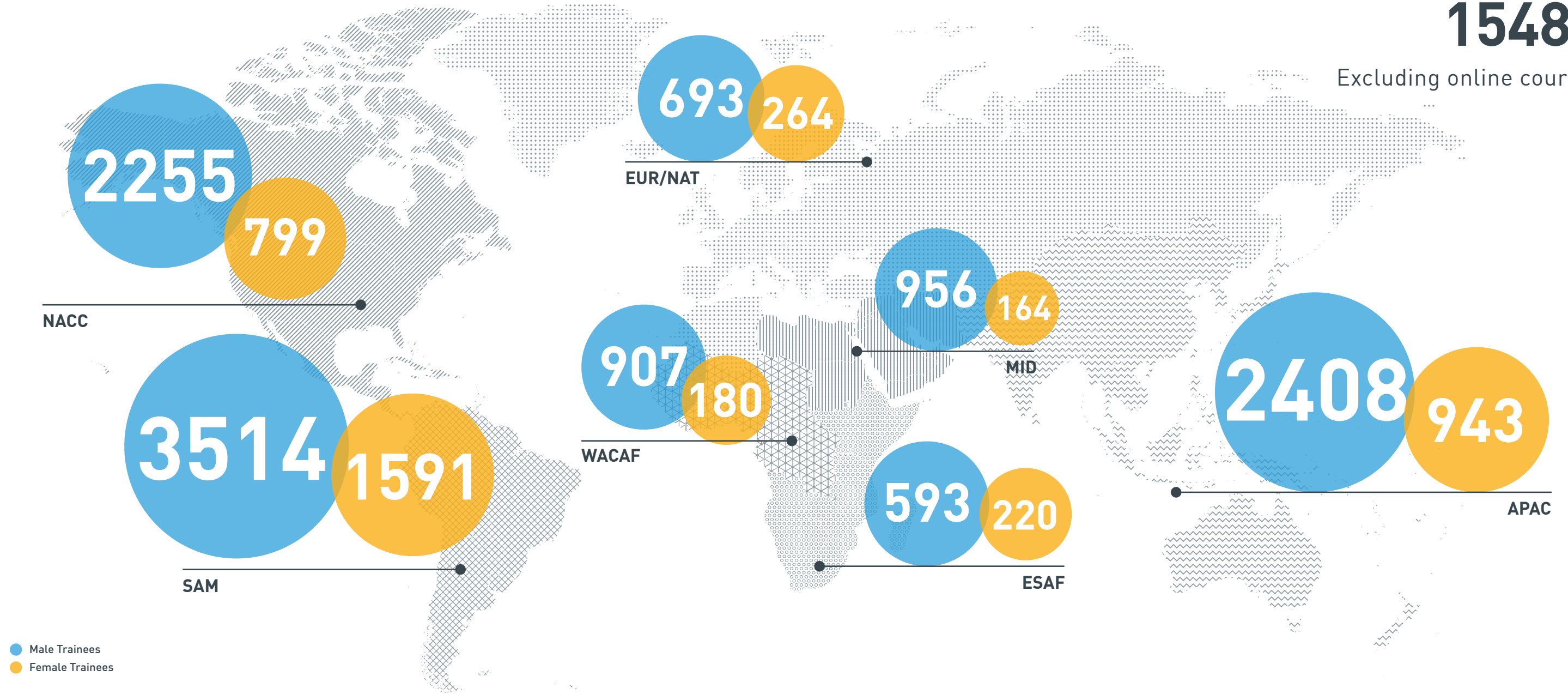
**Online Courses:** Online courses offer the flexibility of learning at one's own pace to achieve the goal of learning anytime, anywhere. In addition to knowledge acquisition, the interactive and engaging content can build a learner's professional competencies. Learners can benefit from ICAO's online courses across multiple subject areas, including Aerodromes, Air Transport, Air Navigation Services, Flight Safety and Safety Management. ICAO's online courses are hosted on GAT's Learning Management System (LMS). Upon successful completion of the exam, participants receive an e-certificate through the LMS.



# GENDER DISTRIBUTION 2019-2021 IN ICAO TRAINING COURSES AS PER DATA AVAILABLE

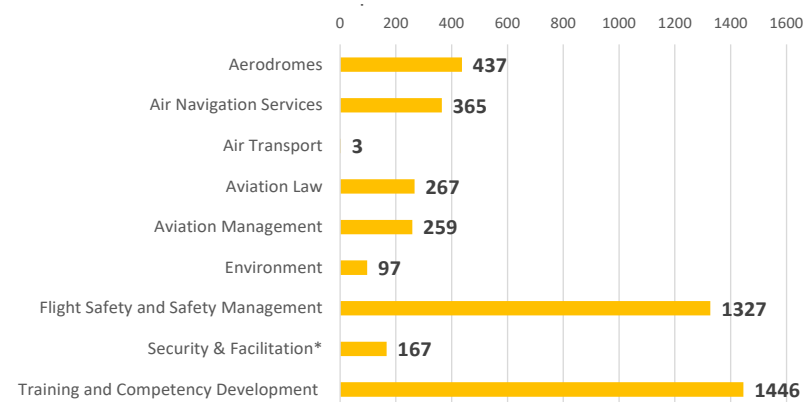
**TOTAL**  
**15487**

Excluding online courses

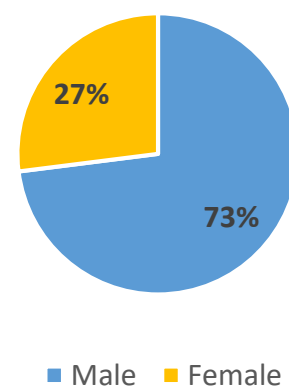


● Male Trainees  
● Female Trainees

## FEMALE TRAINEES PER THEMATIC AREA

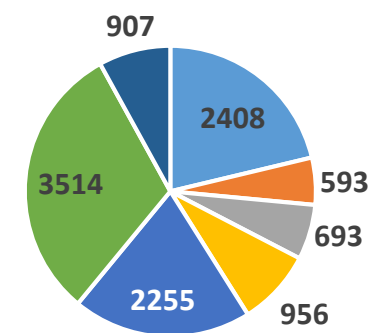


## OVERALL DISTRIBUTION



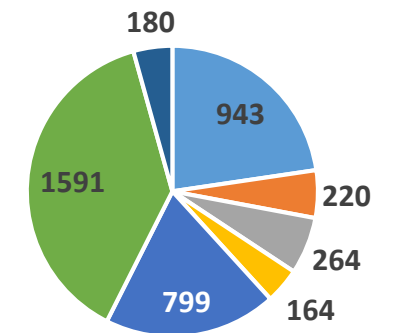
■ Male ■ Female

## MALE TRAINEES



■ APAC ■ ESAF ■ EUR/NAT ■ MID ■ NACC ■ SAM ■ WACAF

## FEMALE TRAINEES



# ICAO AVIATION SECURITY TRAINING BY ICAO REGION FROM 2019-2021

Region	AVSEC training	Participants
Asia and Pacific (APAC) Office	22	345
Eastern and Southern African (ESAF) Office	2	31
European and North Atlantic (EUR/NAT) Office	26	281
Middle East (MID) Office	12	159
North American, Central American and Caribbean (NACC) Office	5	82
South American (SAM) Office	7	91
Western and Central African (WACAF) Office	8	104
<b>Total</b>	<b>82</b>	<b>1093</b>

\* Due to the Covid-19 pandemic related travel restrictions and public health concerns, most of the classroom events had to be cancelled and postponed to 2021.

## 2019

Region	AVSEC training	Participants
APAC	8	125
ESAF	2	31
EUR/NAT	9	104
MID	6	93
NACC	2	31
sam	5	86
wacaf	3	47
<b>Total</b>	<b>35</b>	<b>517</b>

## 2020

Region	AVSEC training	Participants
APAC	2	33
ESAF		
EUR/NAT	7	65
MID	1	9
NACC	1	10
SAM	0	0
WACAF	2	21
<b>Total</b>	<b>13</b>	<b>138</b>

## 2021

Region	AVSEC training	Participants
APAC	12	187
ESAF		
EUR/NAT	10	112
MID	5	57
NACC	2	10
SAM	2	36
WACAF	3	36
<b>Total</b>	<b>34</b>	<b>438</b>

## GLOSSARY

In 1992, ICAO established a network of regional Aviation Security Training Centres (ASTCs), primarily to aid ICAO in the promulgation of newly developed Aviation Security Training Packages (ASTPs) and aviation security workshops which were designed to assist States in the implementation of Annex 17. As of 4th Quarter 2018, the ASTC Network consisted of 35 Centres, of which 14 are TRAINAIR PLUS Programme Members that have been endorsed, supported and/or overseen by their National Appropriate Authority for Civil Aviation Security. The Implementation Support and Development Section (Security) of the Air Transport Bureau (ATB) provides leadership and support to Aviation Security Training Centres (ASTCs), and collaborates with the GAT Office to harmonize the strategic and operational aspects regarding the management of the Aviation Security Training Programme.

# ICAO AVIATION SECURITY TRAINING BY YEAR/REGION

Year	APAC	ASTP Courses	Participants	Male	Female
2021	Hong Kong	Air Cargo and Mail Security Course (Virtual)	35	25	10
		Security Culture Workshop (Virtual)	12	8	4
	Auckland	Risk Management Workshop (Virtual)	43	22	21
		Risk Management Workshop	17	11	6
	Seoul	Airport Security Supervisors Course (Virtual)	27	17	10
		Security Culture Workshop (Virtual)	18	10	8
	Kulala Lumpur	Security Culture Workshop (Virtual)	18	17	1
		Security Culture Workshop (Virtual)	17	7	10
	Sub-total	12 training events	187	117	70
	2020	Singapore	Air Cargo and Mail Security Course (Virtual)	15	3
Hong Kong		Air Cargo and Mail Security Course (Virtual)	18	11	7
Sub-total		2 training events	33	14	19
2019	Kuala Lumpur	Risk Management Workshop	15	11	4
		Aviation Security Certification Systems Workshop	15	10	5
	Auckland	Risk Management Workshop	18	14	4
		Aviation Security National Inspectors Course	12	8	4
	Singapore	Aviation Security National Inspectors Course	18	14	4
		Aviation Security Managers Workshop	15	9	6
	Kunming	National Civil Aviation Security Quality Control Programme	14	10	4
		ICAO Certification for Aviation Security Instructors	18	13	5
	Sub-total	8 training events	125	89	36
	<b>2019-2021 Grand total</b>	<b>22 training events</b>	<b>345</b>	<b>220</b>	<b>125</b>

Year	ESAF and WACAF	ASTP Courses	Participants	Male	Female
2021	Douala	Aviation Security National Instructors Course	11	7	4
		ICAO Aviation Security Instructors Certification	14	10	4
	Lagos	Risk Management Workshop	11	10	1
		Sub-total	3 training events	36	27
2020	Dakar	Risk Management Workshop	9	7	2
	Douala	Airport Security Supervisors Course	12	8	4
	Sub-total	2 training events	21	15	6
2019	Lagos	Risk Management Workshop	17	14	3
		ICAO Certification for Aviation Security Instructors	18	15	3
	Dakar	National Civil Aviation Security Quality Control Programme	12	10	2
		Airport Security Supervisors Courses	16	11	5
	Johannesburg	Risk Management Workshop	15	12	3
	Sub-total	5 training events	78	62	16
<b>2019-2021 Grand total</b>	<b>10 Events</b>	<b>135</b>	<b>104</b>	<b>31</b>	

## ICAO AVIATION SECURITY TRAINING BY YEAR/REGION

Year	EUR/NAT	ASTP Courses	Participants	Male	Female
2021	Doncaster	Crisis Management Workshop (Virtual)	11	3	8
		Security Culture Workshop (Virtual)	8	4	4
	Dublin	Crisis Management Workshop (Virtual)	10	8	2
	Tunis	Aviation Security Managers Course	13	12	1
	Almaty	Airport Security Supervisors Course	11	10	1
	Boryspil	Aviation Security National Instructors Course	6	2	4
	NAU - Kyiv	Security Culture Workshop (Virtual)	10	7	3
	Minsk	Risk Management Workshop	13	11	2
	Moscow	Aviation Security National Instructors Course	14	11	3
	Casablanca	Risk Management Workshop	16	11	5
	Sub-total	10 training events	112	79	33
	2020	Dublin	Risk Management Workshop	11	7
Toulouse		Risk Management Workshop	6	4	2
Tunis		Airport Security Supervisors Courses	10	10	0
NAU - Kyiv		Aviation Security National Inspectors Course	11	8	3
Boryspil - Kyiv		Risk Management Workshop	7	6	1
Minsk		Air Cargo and Mail Security Course	12	9	3
Casablanca		Risk Management Workshop	8	7	1
Sub-total	7 training events	65	51	14	
2019	Dublin	Aviation Security National Inspectors Course	9	4	5
	Moscow	Airport Security Supervisors Course	13	12	1
	Almaty	Risk Management Workshop	17	15	2
	NAU - Kyiv	Aviation Security National Inspectors Course	8	6	2
	Minsk	ICAO Certification For Aviation Security Instructors	13	5	7
	Casablanca	Airport Security Supervisors Courses	17	14	3
	Tunis	Risk Management Workshop	9	9	0
	Boryspil - Kyiv	Air Cargo And Mail Security Course	9	6	3
	Doncaster	Risk Management Workshop	10	6	4
Sub-total	9 training events	104	77	27	
<b>2019~2021</b>	<b>Grand total</b>	<b>26 Events</b>	<b>281</b>	<b>207</b>	<b>74</b>

## ICAO AVIATION SECURITY TRAINING BY YEAR/REGION

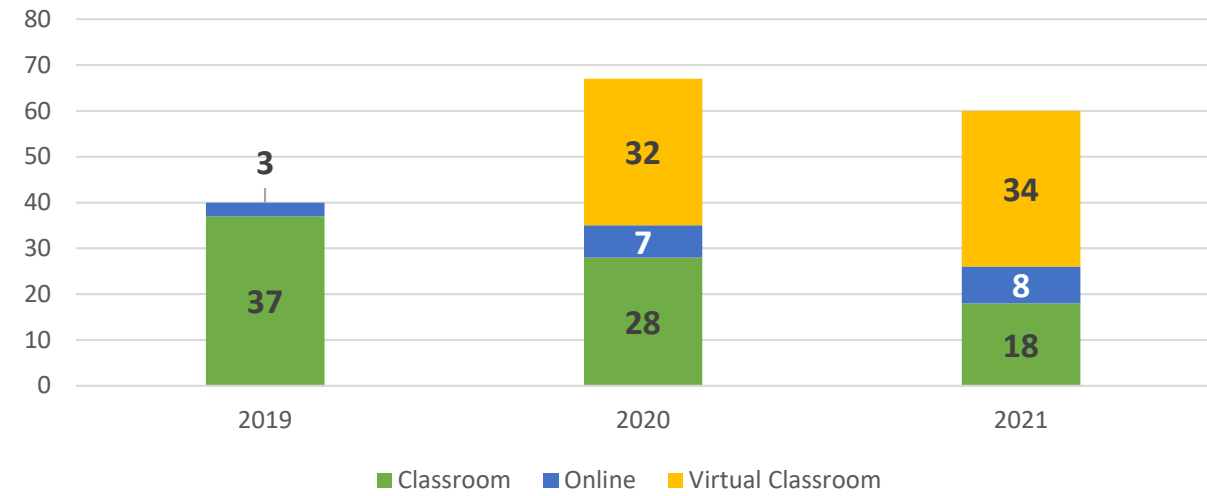
Year	MID	ASTP Courses	Participants	Male	Female
2021	Manama	Crisis Management Workshop (Virtual)	EN	6	4
		Aviation Security Managers Course	EN	3	2
	Cairo	Air Cargo and Mail Security Course	AR	13	0
	Amman	ICAO Aviation Security Instructors Certification	AR	10	2
	Dubai	ICAO Aviation Security National Inspectors Course	AR	16	1
Sub-total	5 training events	57	48	9	
2020	Dubai	Airport Security Programme Workshop	EN	8	1
Sub-total	1 training event	9	8	1	
2019	Amman	Risk Management Workshop	AR	19	1
	Beirut	Risk Management Workshop	EN	14	2
	Dubai	Risk Management Workshop	EN	11	0
	Jeddah	Risk Management Workshop	AR	15	2
	Cairo	Aviation Security (AVSEC) Instructors Course	AR	14	0
	ICAO-RO Cairo	Risk Management Workshop	EN	13	2
Sub-total	6 training events	93	86	7	
<b>2019~2021</b>	<b>Grand total</b>	<b>12 Events</b>	<b>159</b>	<b>142</b>	<b>17</b>
Year	NACC and SAM	ASTP Courses	Participants	Male	Female
2021	Mexico City	Security Culture Workshop (Virtual)	10	8	2
		Port of Spain	Aviation Security Managers Course (Virtual)	16	12
	Buenos Aires	Security Culture Workshop (Virtual)	8	7	1
	Quito	Security Culture Workshop (Virtual)	12	11	1
	Sub-total	4 training events	46	38	8
2020	NACC States specific*	ICAO Certification for Aviation Security Instructors	10	7	3
Sub-total	1 training event	10	7	3	
2019	Santo Domingo	ICAO Certification for Aviation Security Instructors	13	7	6
	Quito	Aviation Security National Inspectors Course	12	6	6
	Buenos Aires	Risk Management Workshop	25	19	6
	Mexico City	Risk Management Workshop	18	16	2
	Port of Spain	Risk Management Workshop Train-The-Trainer Session	11	6	5
	Port of Spain	Risk Management Workshop	20	13	7
	Buenos Aires	Risk Management Workshop	17	15	2
	Sub-total	7 training events	117	82	34
<b>2019~2021</b>	<b>Grand total</b>	<b>12 Events</b>	<b>173</b>	<b>127</b>	<b>45</b>

# COURSE DEVELOPMENT

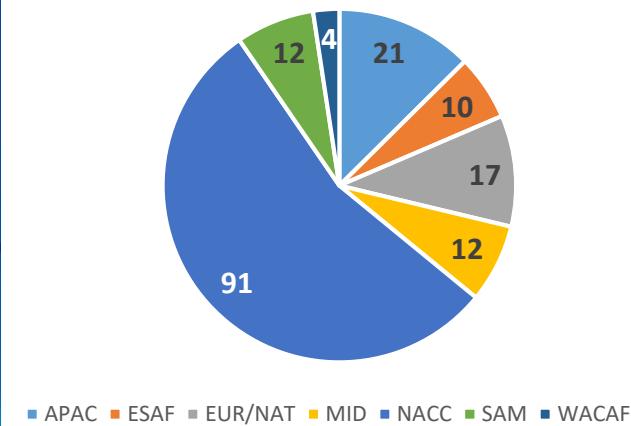
## COURSES DEVELOPED GLOBALLY 2019 - 2021

TOTAL  
**167**

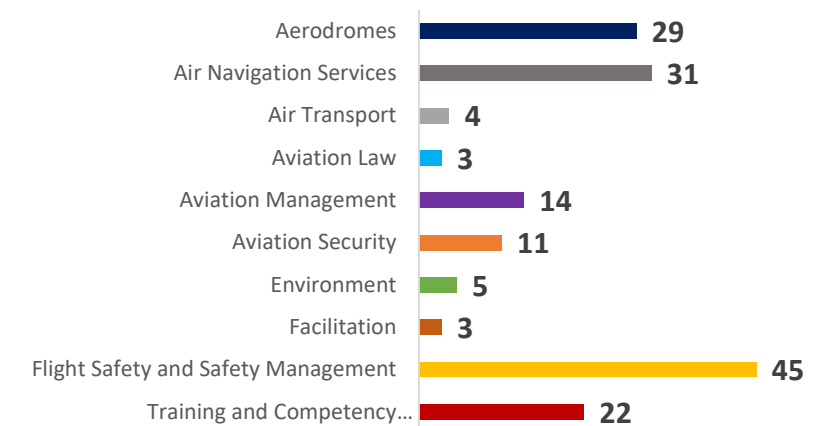
### BY DELIVERY MODE



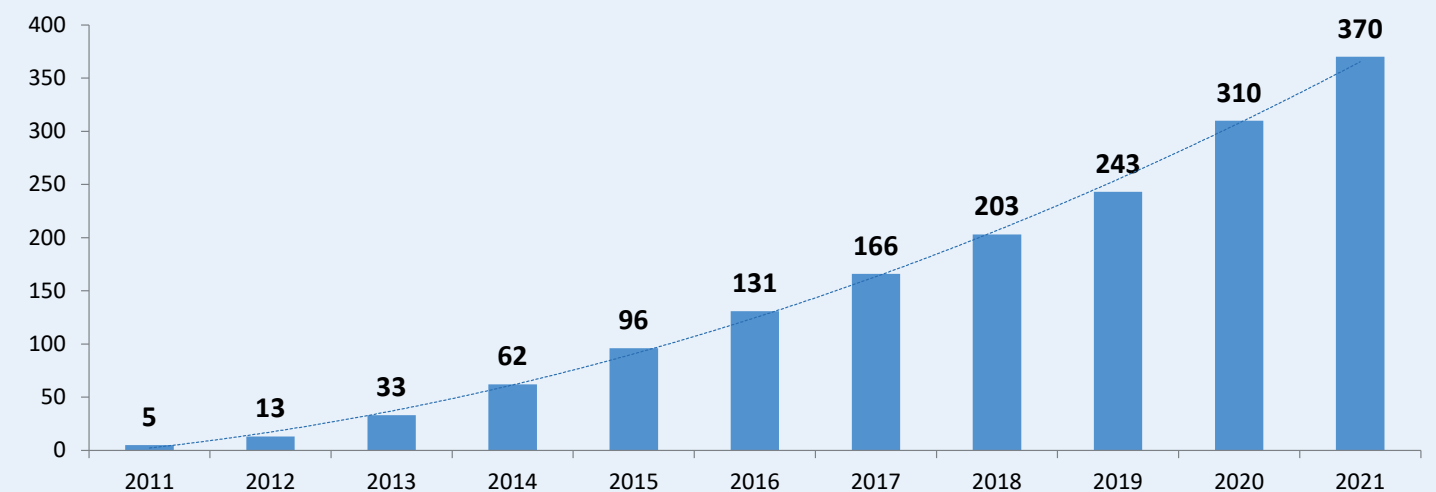
### BY REGION



### BY THEMATIC AREA



### CUMULATIVE



## COURSES DEVELOPED BY ICAO REGION (2021)

ICAO Region	#	Course Title	Area
APAC	1	Core Competencies For Passenger Terminal Operations And Management	Aerodromes
	2	Basic Maintenance Continental Motors CD135/CD155 Engines	Flight Safety and Safety Management
	3	Running Continental Motors CD135/CD155 Engine Test	Flight Safety and Safety Management
	4	Fire Control Room Management Course	Aerodromes
	5	Disabled Aircraft Recovery Procedures	Aerodromes
	6	Airfield Signs	Aerodromes
	7	Building Fire Emergencies- First Responder	Aerodromes
	8	Area Control Surveillance Refresher Course	Air Navigation Services
	9	Aviation Fire Fighting Foam Evaluation	Aerodromes
	10	AERODROME EMERGENCY HANDLING COURSE	Aerodromes
	11	Situation Data Display (SDD) Operation Course	Air Navigation Services
	12	Passenger Boarding Bridges (PBB) Maintenance Course	Aerodromes
	13	Airport Baggage Handling System(BHS) & Hold Baggage Screening(HBS) Design and Management	Aerodromes
	14	Airport Landside Security	Security
	15	Oversight of Competency-based Training	Flight Safety and Safety Management
	16	Oversight of Aircraft Leasing Operations	Flight Safety and Safety Management
	17	NOTAM Specialist Course / Classroom Phase	Air Navigation Services
	18	Terrestrial Radio Link Installation Planning	Air Navigation Services
	19	Normal Operations Safety Observer (NOSO) - ATC	Air Navigation Services
ESAF	1	Weight and Balance for Wide Body Aircraft (B767, B777, B787 and A350)	Air Transport
	2	Radiotelephony Communications for Pilots	Air Navigation Services
	3	ICAO English Language Proficiency Interlocutor/Rater Initial Training	Flight Safety and Safety Management
	4	ICAO English Language Proficiency Interlocutor/Rater Recurrent Training	Flight Safety and Safety Management
	5	CAA Approval of Training Organizations	Flight Safety and Safety Management
	6	Quality Management System (QMS) Internal Auditors Course	Air Navigation Services
	7	ATM/CNS Computer Networking	Air Navigation Services
	8	APPROACH CONTROL PROCEDURAL REFRESHER	Air Navigation Services
EUR/NAT	1	Instructional Techniques Training for ATC OJTI and STDI	Flight Safety and Safety Management
	2	Radiotelephony Communication in case of Standard, Abnormal and Emergency Situations	Flight Safety and Safety Management
	3	Meteorological Equipment Maintenance Personnel Training	Air Navigation Services
	4	Managing Security in ATM	Security
	5	Conducting an ATM Security Risk assessment	Security
	6	Initiation aux procédures de vol aux instruments PANs OPS	Air Navigation Services
	7	Initial Cabin Crew Safety and Emergency Procedures Training	Flight Safety and Safety Management
	8	Conception et mise à jour d'un Manuel de Formation et de Procédures (MFP) pour un organisme de formation agréé	Flight Safety and Safety Management
	9	Conducting a Technical Assistance Visit to CAPSCA Member States and Airports	Flight Safety and Safety Management
	10	Competency and Licensing of UAS Remote Pilots (European Categories): Virtual Classroom	Air Navigation Services

## COURSES DEVELOPED BY ICAO REGION (2021)

ICAO Region	#	Course Title	Area
EUR/NAT	11	Introduction to safety regulation of Non-Military Drones	Flight Safety and Safety Management
	12	Aeroplane deicing operations threat and error management	Aerodromes
	13	ICAO Safety Health Protocols x Practitioners (SHPxP): Virtual Classroom	Flight Safety and Safety Management
	14	CAA preparation for restarting operations during a pandemic: Virtual Classroom	Flight Safety and Safety Management
	15	Introduction to Security Culture	Security
MID	1	Aerodrome Obstacles Evaluation	Aerodromes
	2	Aerodrome Pre-Flight Bulletin Issuance	Air Navigation Services
	3	Airport Facilitation	Facilitation
	4	Introduction to Aeronautical Meteorological Observations	Air Navigation Services
	5	Occupational Safety and Health Emergency Response to Communicable Diseases in aviation workplaces.	Flight Safety and Safety Management
	6	Low Visibility Procedures for Aerodrome Controllers	Air Navigation Services
	7	Aerodrome Movement Area Operations Surveillance	Aerodromes
	8	Human Factors: The TEM and TRM Interface	Air Navigation Services
	9	ATS Provision Awareness for Pilots	Air Navigation Services
	10	On-the-Job Training Instructor (OJTI)	Training Competency Development
NACC	1	CORSIA Verification	Environment
	2	State Safety Programme (SSP)	Flight Safety and Safety Management
	3	Unmanned Aviation Fundamentals: Virtual Classroom	Air Navigation Services
	4	ICAO Annex 9 - Facilitation	Facilitation
	5	ACI/ACAO Global Reporting Format (GRF) - online course	Aerodromes
	6	ACI/ICAO Implementing Annex 14: Advanced Aerodrome Design and Operations (AADO)	Aerodromes
	7	Global Reporting Format (GRF) for Runway Surface Conditions – Introduction	Aerodromes
	8	Universal Safety Oversight Audit Programme (USOAP) Auditor Preparation: Virtual Classroom	Flight Safety and Safety Management
	9	Gestión de la Navegación Basada en la Performance (PBN)	Air Navigation Services
	10	Gestión Medioambiental en Aeropuertos	Environment
	11	Pseudo-Pilot Training for ATC 3D Simulator	Air Navigation Services
	12	Foundations of Aviation Cybersecurity Leadership and Technical Management	Security
	13	Safe Supply Chain	Flight Safety and Safety Management
SAM	1	Facilitación del Transporte Aéreo	Security
	2	Aviation English Level 3 for Civil Aviation Professionals	Training Competency Development
	3	Gestión del factor humano en las operaciones aéreas para tripulantes de vuelo	Flight Safety and Safety Management
	4	"Inspector de Mantenimiento Aeronáutico"	Aviation Management
	5	Auditoría Interna de Calidad de los Procesos Aeronáuticos	Air Transport
	6	Gestión de Selección y Desarrollo del Personal Aeronáutico	Aviation Management
	7	Servicio a Bordo, Estándares y Protocolos para la Excelencia	Air Transport
	8	Cumplimiento normativo OACI en la gestión operacional de los RPAS: Impartición Virtual	Air Navigation Services
	9	INTERPRETACIÓN DE INFORMACIÓN METEOROLÓGICA AERONÁUTICA PARA TRIPULANTES DE VUELO Y PERSONAL DE NAVEGACIÓN AÉREA	Air Navigation Services

## COURSES DEVELOPED BY ICAO REGION (2021)

ICAO Region	#	Course Title	Area
SAM	10	Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios	Aviation Management
	11	Supervisor Competencies	Aviation Management
	12	Aseguramiento de la Calidad en el Mantenimiento Aeronáutico	Flight Safety and Safety Management
WACF	1	Feux Généralisés d'avion	Aerodromes
	2	Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	Aerodromes
	3	Supervision de la gestion de l'information aéronautique (AIM)	Air Navigation Services
	4	ATSEP - Data Processing & Automation	Air Navigation Services
	5	ATSEP-Systems Monitoring & Control	Air Navigation Services

## COURSES DEVELOPED BY ICAO REGION (2020)

ICAO Region	#	Course Title	Area
APAC	1	Area Control Surveillance Refresher Course	Air Navigation Services
	2	Aviation Fire Fighting Foam Evaluation	Aerodromes
	3	Core Competencies For Passenger Terminal Operations And Management	Aerodromes
	4	ICAO English Language Proficiency Interlocutor/Rater Recurrent Training	Flight Safety and Safety Management
	5	Running Continental Motors CD135/CD155 Engine Test	Flight Safety and Safety Management
	6	Terrestrial Radio Link Installation Planning	Air Navigation Services
EUR/NAT	1	CAA preparation for restarting operations during a pandemic: Virtual Classroom	Flight Safety and Safety Management
	2	Conception et mise à jour d'un Manuel de Formation et de Procédures (MFP) pour un organisme de formation agréé	Flight Safety and Safety Management
	3	Initial Cabin Crew Safety and Emergency Procedures Training	Flight Safety and Safety Management
	4	Managing Security in ATM	Security and Facilitation
MID	1	Airport Facilitation	Security and Facilitation
	2	Aerodrome Obstacles Evaluation	Aerodromes
	3	Aerodrome Pre-Flight Bulletin Issuance	Air Navigation Services
	4	ATS Provision Awareness for Pilots	Air Navigation Services
	5	Introduction to Aeronautical Meteorological Observations	Air Navigation Services
NACC	1	Aerodrome Restart - EN	Aerodromes
	2	Aviation Data-driven Decision Making (AD3M)-EN	Flight Safety and Safety Management
	3	CORSIA Verification-EN	Environment
	4	COVID-19 Aviation Safety Risk Management for CAAs-EN	Flight Safety and Safety Management
	5	Curso de Formación de Preparadores de Instrucción-SP	Training Competency Development
	6	Curso de Gerentes de Centros de Instrucción (CGCI)-SP	Training Competency Development
	7	Derecho Aeronáutico Internacional-SP	Aviation Law
	8	Digital Transformation in Aviation -EN	Aviation Management
	9	Especialista en Evaluacion Post-Instruccion-SP	Training Competency Development
	10	Gestion de la conformité aux SARPs de l'OACI (5-days)-FR	Aviation Management
	11	Gestion de la conformité aux SARPs de l'OACI-FR	Aviation Management
	12	Gestión de la Seguridad Operacional: en línea -SP	Flight Safety and Safety Management

## COURSES DEVELOPED BY ICAO REGION (2020)

ICAO Region	#	Course Title	Area
NACC	13	Gestión del cumplimiento de los SARPS de la OACI (5-days)-SP	Aviation Management
	14	Gestión del cumplimiento de los SARPS de la OACI-SP	Aviation Management
	15	Gestión Medioambiental en Aeropuertos	Environment
	16	Gestión Práctica de la Seguridad Operacional (SMxP)-SP	Flight Safety and Safety Management
	17	Global Reporting Format (GRF) for Runway Surface Conditions – Introduction	Aerodromes
	18	GSI Operations - Air Cargo Certification (4-days)-EN	Flight Safety and Safety Management
	19	GSI Operations Air Cargo Certification-EN	Flight Safety and Safety Management
	20	ICAO ACI Aerodrome Certification : virtual Classroom	Aerodromes
	21	ICAO ACI Implementation Annex 14 : virtual classroom	Aerodromes
	22	ICAO ACI Management of Airport Security : virtual classroom	Security and Facilitation
	23	ICAO Annex 9 – Facilitation (5-days)-EN	Security and Facilitation
	24	ICAO Annex 9 - Facilitation-EN	Security and Facilitation
	25	ICAO-ACI Airport user charges : virtual Calsroom	Aerodromes
	26	Instrucción en el aula virtual-SP	Aviation Law
	27	International Air Law-EN	Aviation Law
	28	Managing Compliance with ICAO SARPs-EN	Aviation Management
	29	Post-Training Evaluation (PTE)-EN	Training Competency Development
	30	Public Health Corridor -EN	Flight Safety and Safety Management
	31	Repurposing Aircraft Passenger Cabin for Transport of Cargo -EN	Flight Safety and Safety Management
	32	Safe Supply Chain	Flight Safety and Safety Management
	33	Safety Management for Practitioners (SMxP)-EN	Flight Safety and Safety Management
	34	Safety Risk Management Fundamentals-EN	Flight Safety and Safety Management
	35	State Safety Programme (SSP) (6-days)-EN	Flight Safety and Safety Management
	36	Training Developers Course-EN	Training Competency Development
	37	Training Managers Course (TMC)-EN	Training Competency Development
	38	Unmanned Aviation Fundamentals -EN	Air Navigation Services
39	Validación de la instrucción basada en competencias-SP	Training Competency Development	
40	Validating Competency-based Training (VCT)-EN	Training Competency Development	
41	Virtual Classroom Instruction (VCI)-EN	Training Competency Development	
42	Курс для разработчиков учебных курсов (TDC RU): Виртуальный Класс	Aviation Management	
43	Обеспечение соблюдения SARPS ИКАО (MCIS): Виртуальный Класс-RU	Aviation Management	
44	إدارة الامتثال للقواعد والتوصيات الدولية الصادرة عن الايكاو (MCIS)	Aviation Management	
45	管理国际民航组织标准和建议措施的合规性 (MCIS): 虚拟课堂	Aviation Management	
SAM	1	Facilitación del Transporte Aéreo	Security and Facilitation
	2	Gestión de Selección y Desarrollo del Personal Aeronáutico	Aviation Management
	3	Gestion del factor humano en las operaciones aereas para tripulantes de vuelo	Flight Safety and Safety Management
	4	Gestión del Factor Humano para Operadores de los Servicios Aeroportuarios	Aviation Management
	5	Servicio a Bordo, Estándares y Protocolos para la Excelencia	Air Transport
WACAF	1	Spécialiste en installation et maintenance du balisage lumineux d'aérodrome MCR 5000 - v2	Aerodromes
	2	Supervision de la gestion de l'information aéronautique (AIM)	Air Navigation Services

# COURSES DEVELOPED BY ICAO REGION (2019)

ICAO Region	#	Course Title	Area
APAC	1	Airport Landside Security (EN)	Security and Facilitation
	2	Oversight of Aircraft Leasing Operations (EN)	Flight Safety and Safety Management
	3	Aerodrome Emergency Handling	Aerodromes
	4	Disabled Aircraft Recovery Procedures	Aerodromes
	5	Airfield Signs	Aerodromes
	6	Passenger Boarding Bridges (PBB) Maintenance Course	Aerodromes
	7	Situation Data Display (SDD) Operation Course	Air Navigation Services
	8	Building Fire Emergencies- First Responder	Aerodromes
	9	NOTAM Specialist Course (Online Phase & Classroom Phases)	Air Navigation Services
	10	Airport Baggage Handling System(BHS) & Hold Baggage Screening(HBS) Design and Management	Aerodromes
	11	Basic Maintenance Continental Motors CD135/CD155 Engines a	Flight Safety and Safety Management
	12	Fire Control Room Management Course	Aerodromes
ESAF	1	ICAO English Language Proficiency Interlocutor/Rater Initial Training (EN)	Flight Safety and Safety Management
	2	ATM/CNS Computer Networking	Air Navigation Services
	3	Weight and Balance for Wide Body Aircraft (B767, B777, B787 and A350)	Air Transport
	4	Approach Control Procedural Refresher	Air Navigation Services
	5	Quality Management System (QMS) Internal Auditors Course	Air Navigation Services
EUR/NAT	1	Conducting a Technical Assistance Visit to CAPSCA Member States and Airports (EN) online course	Flight Safety and Safety Management
	2	Feux Généralisés d'avion	Aerodromes
	3	Initiation aux procédures de vol aux instruments PANs OPS	Air Navigation Services
MID	1	Low Visibility Procedures for Aerodrome Controllers	Air Navigation
	2	Human Factors: The TEM and TRM Interface	Air Navigation
NACC	1	CORSIA Verification	Environment
	2	Training Developers Course (TDC) (EN)	Training Competency Development
	3	Training Developers Course (TDC) (SP)	Training Competency Development
	4	Validating Competency-based Training (VCT) course (EN)	Training Competency Development
	5	Validating Competency-based Training (VCT) course (SP)	Training Competency Development
	6	Training Managers Course (TMC) (EN)	Training Competency Development
	7	Training Managers Course (TMC) (SP)	Training Competency Development
	8	ICAO-ACI Implementing Annex 14: Advanced Aerodrome Design and Operations (AADO)	Aerodromes
	9	ICAO-ACI Global Reporting Format (GRF): online course	Aerodromes
	10	Supervisor Competencies	Aviation Management
	11	Gestión de la Navegación Basada en la Performance (PBN)	Air Navigation Services
SAM	1	Facilitación del Transporte Aéreo	Security and Facilitation
	2	Aviation English Level 3 for Civil Aviation Professionals	Training Competency Development
	3	Auditoría Interna de Calidad de los Procesos Aeronáuticos	Air Transport
	4	Inspector de Mantenimiento Aeronáutico	Aviation Management
	5	Interpretación de Información Meteorológica Aeronáutica Para Tripulantes de Vuelo y Personal de Navegación Aérea	Air Navigation Services
WACAF	1	ATSEP - Data Processing & Automation	Air Navigation Services
	2	ATSEP- System Monitoring & Control	Air Navigation Services



## GLOSSARY

**ICAO Training Package (ITP) / (MITP):** An ITP is a training package produced by ICAO or a Regional Training Centre of Excellence (RTCE), in accordance with the ICAO Training Development Guide, Competency-based Methodology (Doc 9941) or an equivalent ISD methodology.

**Compliant Training Package (CTP):** A CTP is a training package that complies with ICAO Standards and Recommended Practices (SARPs) and guidance material. It is presented as a fully documented and tested comprehensive package of training material that reflects the current technological and operational requirements specific to a particular training topic, ICAO SARPs, Annexes and guidance material an ICAO training objectives, complements existing ICAO training, and makes a significant contribution to aviation capacity building.

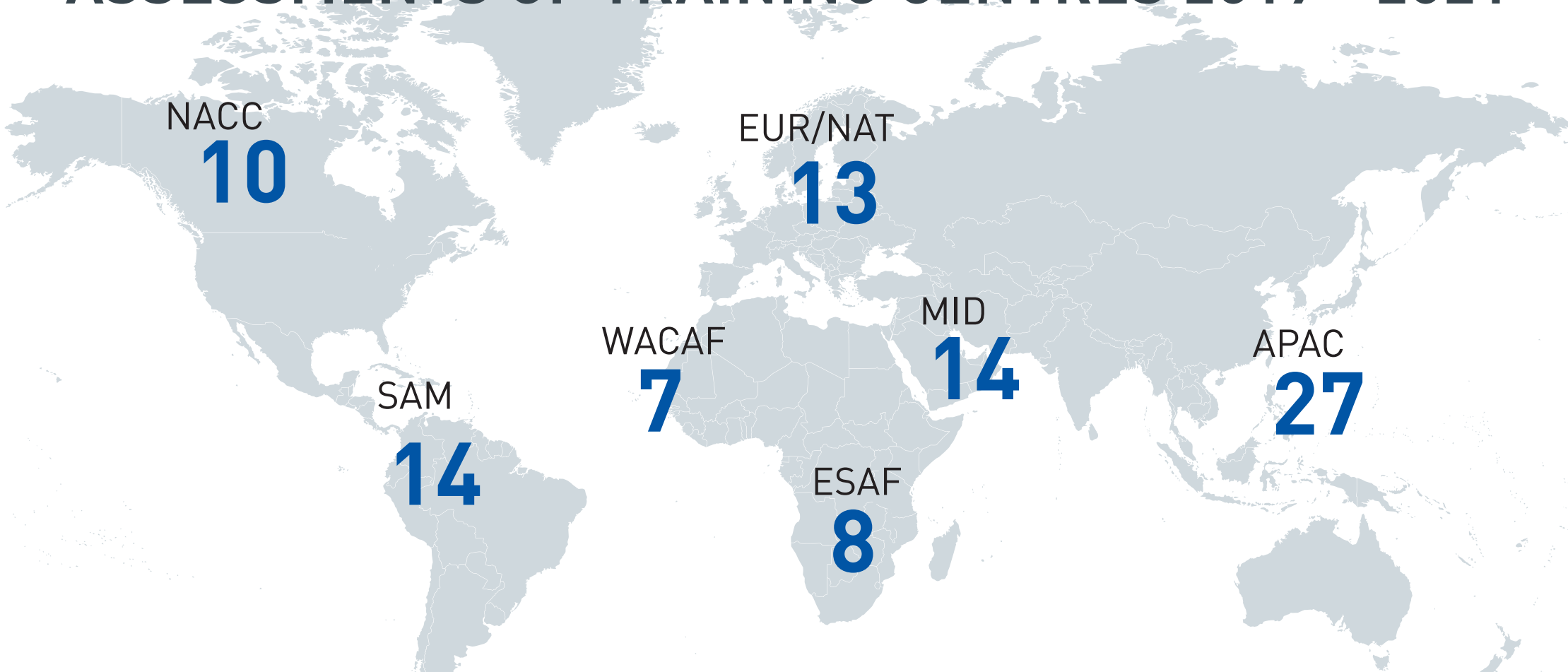
**Partner Training Package (PTP):** A PTP is training material produced in partnership between ICAO and the training arm of a Corporate Member, industry partner, or educational institution, in accordance with the ICAO Training Development Guide, Competency-based Methodology (Doc 9941).

PTPs are presented as fully documented and tested comprehensive packages of training material that comply with ICAO SARPs and policies, help achieve ICAO training objectives, complement existing ICAO training, and make a significant contribution to aviation capacity building.

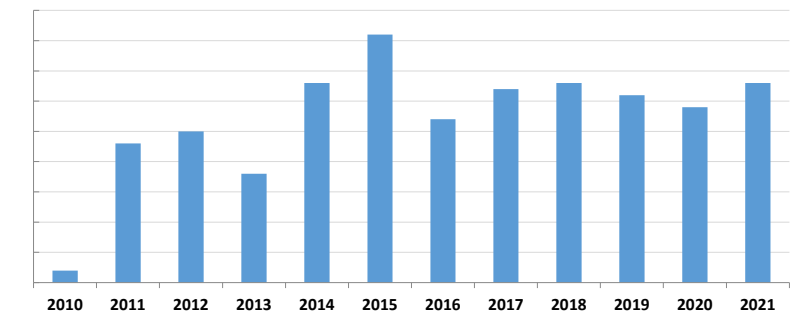
**Standard Training Package (STP):** An STP is a competency-based training package developed by TPP Members, using Member State's or industry requirements with operational content. An STP is produced in accordance with the ICAO Training Development Guide, Competency-based Methodology (Doc 9941). It is self-contained, material-dependent, and validated by the TRAINAIR PLUS Programme. The package includes instructor material, trainee material, as well as relevant documents on how the course was developed.

# ASSESSMENTS OF TRAINING CENTRES 2019 - 2021

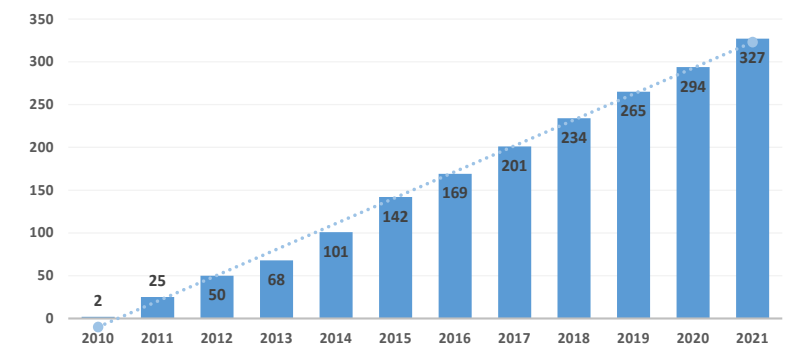
TOTAL ASSESSMENTS  
**93**



YEARLY



CUMULATIVE



Region	Year	Training Centre	Country
APAC	2021	Civil Aviation Training College Allahabad	India
APAC	2021	Malaysia Aviation Academy	Malaysia
APAC	2021	Civil Aviation Training Centre	Sri Lanka
APAC	2021	Capital Airports Management Academy	China
APAC	2021	Training Center of the Mongolia Civil Aviation Authority	Mongolia
APAC	2021	Civil Aviation Training Centre Thailand	Thailand
APAC	2021	Civil Aviation Academy of Nepal (CAAN)	Nepal
APAC	2021	Civil Aviation Academy (CAA)	Bangladesh
APAC	2020	Civil Aviation Training Centre	Philippines
APAC	2020	Vietnam Aviation Academy	Vietnam
APAC	2020	Incheon Aviation Academy (IAA)	Korea
APAC	2020	Indian Aviation Academy IAA	India
APAC	2020	Korea Airports Corporation (KAC)	Korea
APAC	2020	CATC Thailand - RTCE requirements assessment	Thailand
APAC	2020	Civil Aviation Training Institute (CATI)	Pakistan
APAC	2020	Hong Kong Airport	China
APAC	2020	Hong Kong International Aviation Academy (HKIAA)	China
APAC	2019	Horizon Aviation Technology	China
APAC	2019	Civil Aviation University of China (CAUC)	China
APAC	2019	GMR Aviation Academy	India
APAC	2019	Indonesian Civil Aviation Institute ICAI/STPI	Indonesia
APAC	2019	ATHRDC	Indonesia
APAC	2019	Pilot School Banyuwangi	Indonesia
APAC	2019	Aeronautical Safety College (ASC)	Japan
APAC	2019	Airways New Zealand Training Centre	New Zealand

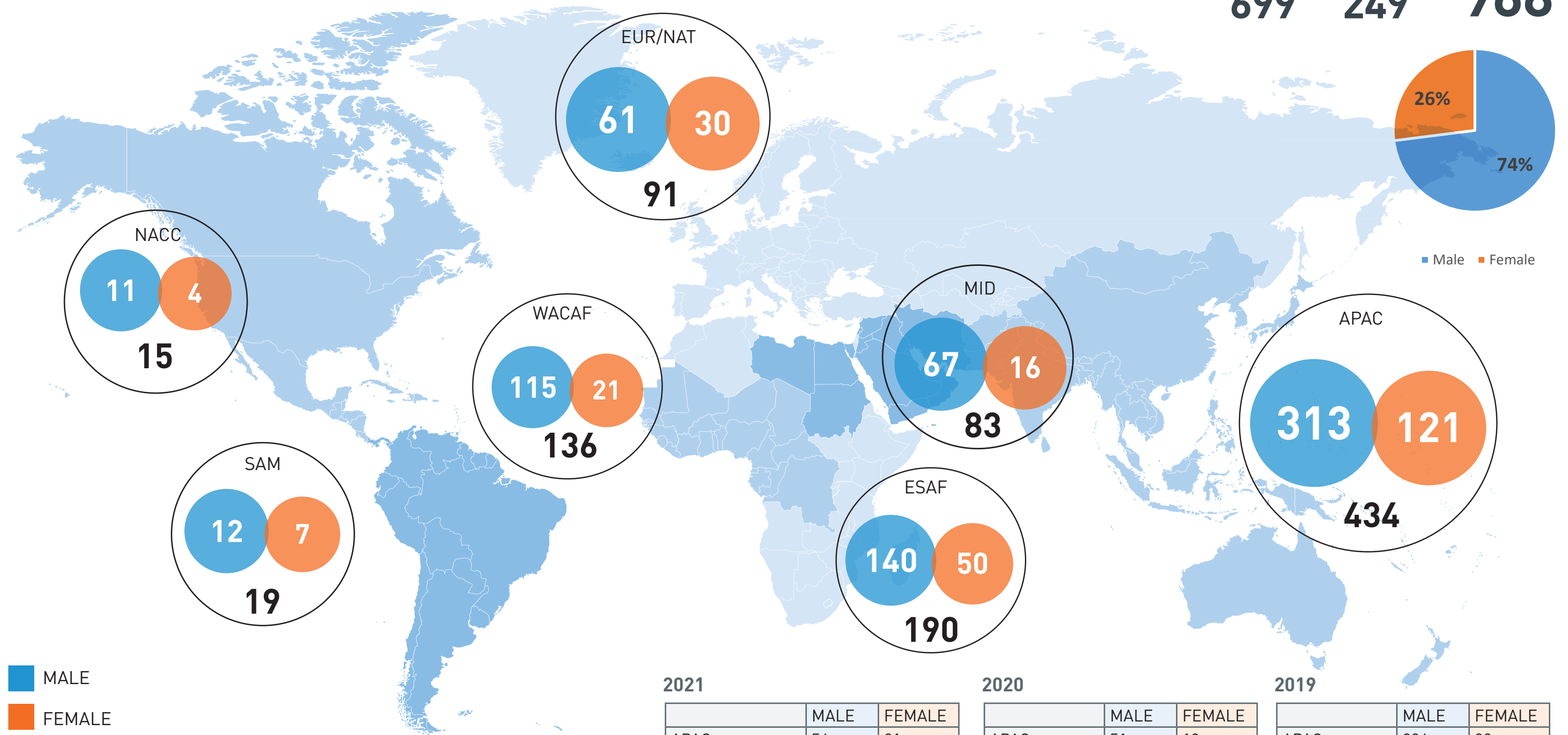
Region	Year	Training Centre	Country
APAC	2019	National Airports Corporation Training	Papua New Guinea
APAC	2019	Singapore Aviation Academy (SAA)	Singapore
ESAF	2021	Tanzania Civil Aviation Training Centre - Tanzania	Tanzania
ESAF	2021	ATNS Aviation Training Academy	South Africa
ESAF	2021	Airports of Mauritius Co Ltd. Aviation Training Centre	Mauritius
ESAF	2020	Escola Nacional de Aeronautica (ENA)	Mozambique
ESAF	2020	East African School of Aviation (EASA)	Kenya
ESAF	2019	International Aviation Solution Academy	Botswana
ESAF	2019	Civil Aviation Training Centre (CATC)	Eritrea
ESAF	2019	Ethiopian Aviation Academy	Ethiopia
EUR/NAT	2021	Republican State-owned Enterprise "Kazaeronavigatsia"	Kazakhstan
EUR/NAT	2021	Entry Point North AB ATS Academy	Sweden
EUR/NAT	2021	Loumed Cabin Crew Training Center (LCCTC)	Morocco
EUR/NAT	2021	Domodedovo Training LLC	Russian Federation
EUR/NAT	2021	IFTC Serco	United Kingdom
EUR/NAT	2021	Centre Français de Formation des Pompiers d'Aéroport (C2FPA)	France
EUR/NAT	2020	SENASA	Spain
EUR/NAT	2020	AIAC	Morocco
EUR/NAT	2020	JAATO	Netherlands
EUR/NAT	2019	ENAV Academy	Italy
EUR/NAT	2019	Institute of Air Navigation (IAN)	Russian Federation
EUR/NAT	2019	AFSAC	Tunisia
EUR/NAT	2019	IFTC	UK

Region	Year	Training Centre	Country
MID	2021	United for Aviation Technology Services (United ATS)	Egypt
MID	2021	Queen Noor Civil Aviation Technical College (QNCATC)	Jordan
MID	2021	Australian College of Kuwait	Kuwait
MID	2021	Oman Aircraft Control College	Oman
MID	2021	Oman Airports & Development Center	Oman
MID	2020	International Aviation Consulting & Training	UAE
MID	2020	Gulf Centre for Aviation Studies (GCAS)	UAE
MID	2020	Qatar Aeronautical College (QAC)	Qatar
MID	2020	Egyptian Aviation Academy (EAA)	Egypt
MID	2020	GAL ANS	UAE
MID	2019	Egyptair Training Center	Egypt
MID	2019	Middle East Airlines	Lebanon
MID	2019	Saudi Academy of Civil Aviation (SACA)	Saudi Arabia
MID	2019	Prince Sultan Aviation Academy	Saudi Arabia
NACC	2021	The ASI Institute, A Division of Aviation Strategies International	Canada
NACC	2021	Dutch Caribbean Air Navigation Service Provider	Curacao
NACC	2021	The Barbados Civil Aviation Training Centre (BCATC)	Barbados
NACC	2021	Civil Aviation Authority Training Institute (CAATI)	Jamaica
NACC	2021	Advanced ATC, Inc.	United States
NACC	2020	ICCAE-COCESNA	El Salvador
NACC	2020	Instituto Dominicano de Aviacion Civil (ASCA)	Dom. Republic
NACC	2020	Centro de Adiestramiento de la Aviación (CAA)	Cuba
NACC	2019	ISFPA	Panama
NACC	2019	Civil Aviation Training Centre (CATC)	Trinidad and Tobago

Region	Year	Training Centre	Country
SAM	2021	Instituto Nacional de Aeronáutica Civil (INAC)	Paraguay
SAM	2020	Agencia Nacional de Aviação Civil (ANAC)	Brazil
SAM	2020	Aeropuertos y Servicios Auxiliares (ASA)	Mexico
SAM	2020	ETAC	Ecuador
SAM	2020	Escuela Técnica Aeronáutica	Chile
SAM	2020	CORPAC	Peru
SAM	2020	DINACIA	Uruguay
SAM	2020	CEA - RTCE requirements assessment	Colombia
SAM	2019	CIPE	Argentina
SAM	2019	Instituto Nacional de Aviación civil (INAC)	Bolivia
SAM	2019	Corporación Educativa Indoamericana (CEI)	Colombia
SAM	2019	Centro de Estudios Aeronauticos (CEA)	Colombia
SAM	2019	Instituto Nacional de Aeronáutica Civil (INAC)	Paraguay
SAM	2019	IUAC	Venezuela
WACAF	2021	Nigerian College of Aviation Technology (NCAT)	Nigeria
WACAF	2021	Federal Airports Authority of Nigeria (FAAN)	Nigeria
WACAF	2021	Ecole Régionale de Sécurité Incendie (ERSI)	Cameroon
WACAF	2021	Ecole Régionale de la Navigation Aérienne et de Management (ERNAM)	Senegal
WACAF	2021	Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC)	Niger
WACAF	2019	Civil Aviation Training Centre (CATC)	Cameroon
WACAF	2019	Civil Aviation Training Centre (CATC)	Ghana

# FELLOWSHIPS 2019-2021

TOTAL MALE **699** TOTAL FEMALE **249** TOTAL **968**



MALE FEMALE

## GLOSSARY

**Fellowships:** ICAO fellowships programme facilitates global cooperation among ICAO contracting states, organizations and institutions to develop, provide, and offer training programmes and activities. Under this programme, donor states partner with training institutions to provide funded fellowships to candidates from developing ICAO Contracting States.

### 2021

	MALE	FEMALE
APAC	56	21
ESAF	32	19
EUR/NAT	16	10
MID	20	11
NACC	5	2
SAM	3	3
WACAF	35	4
<b>Grand Total</b>	<b>167</b>	<b>70</b>

### 2020

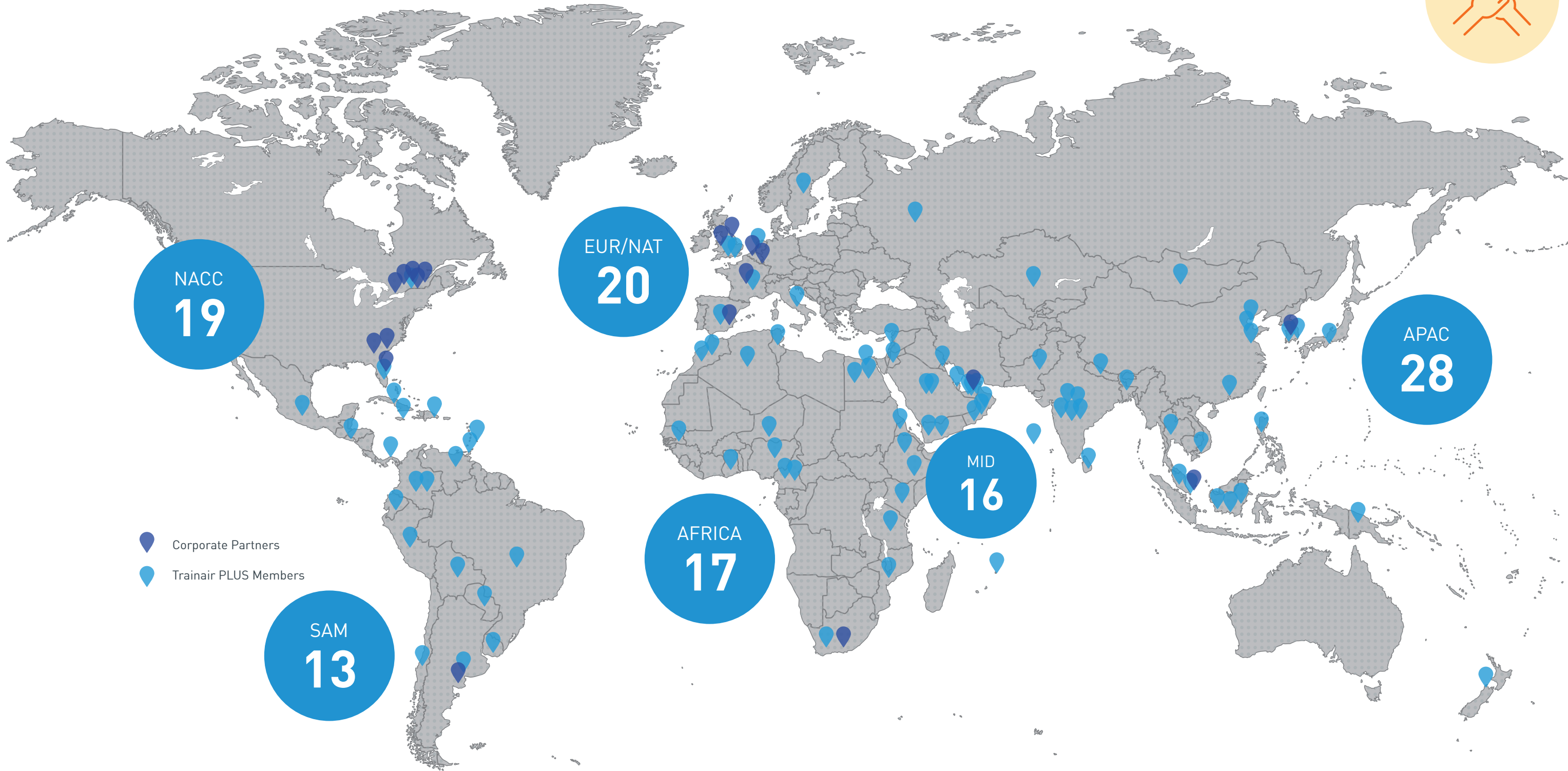
	MALE	FEMALE
APAC	51	18
ESAF	37	6
EUR/NAT	18	14
MID	11	2
NACC	2	
SAM	1	2
WACAF	26	3
<b>Grand Total</b>	<b>146</b>	<b>45</b>

### 2019

	MALE	FEMALE
APAC	206	82
ESAF	71	25
EUR/NAT	27	6
MID	36	3
NACC	4	2
SAM	8	2
WACAF	54	14
<b>Grand Total</b>	<b>406</b>	<b>134</b>

# MEMBERS OF THE TRAINAIR PLUS™ PROGRAMME

**113** MEMBERS & PARTNERS



- Corporate Partners
- Trainair PLUS Members

- ICAO RECOGNITION
- COLLABORATION AND PARTNERSHIPS
- QUALIFICATION OF TRAINING PROFESSIONALS
- ACCESS TO A VIRTUAL LIBRARY OF 200+ COURSES

# 113 MEMBERS OF THE TRAINAIR PLUS™ PROGRAMME

## PARTNERS (20)

### INTERNATIONAL AVIATION ORGANIZATIONS

Airports Council International (ACI)  
Montreal, Canada

Emirates  
Dubai, United Arab Emirates

ENAIRES - Air Navigation Service Provider of Spain  
Madrid, Spain

EUROCONTROL Aviation Learning Centre  
Luxembourg, Luxembourg

Federal Aviation Administration (FAA), Flight Standards Workforce Development  
Herndon, United States

International Federation Of Freight Forwarders Associations (FIATA)  
Geneva, Switzerland

International Air Transport Association (IATA)  
Montreal, Canada

The International Air Cargo Association (TIACA)  
United States

UK CAA International (CAAi)  
West Sussex, United Kingdom

ACADEMIC INSTITUTIONS  
Buckinghamshire New University  
Buckinghamshire, United Kingdom

Concordia University  
Montreal, Canada

Ecole Nationale de l'Aviation Civile (ENAC)  
Toulouse, France

Embry-Riddle Aeronautical University  
United States

Korea Aerospace University  
Goyang City, Republic of Korea

McGill University  
Montreal, Canada

Nanyang Technological University  
Singapore, Singapore

Universidad Nacional de San Martín (Instituto del Transporte) - UNSAM  
San Martín, Argentina

University of Antwerp  
Antwerp, Belgium

University of the Witwatersrand Johannesburg  
Johannesburg, South Africa

Waterloo University (WU)  
Waterloo, Canada

## TRAINAIR PLUS MEMBERS (93)

### REGIONAL TRAINING CENTRES OF EXCELLENCE (19)

Academia Superior de Ciencias Aeronáuticas (ASCA)  
Santo Domingo, Dominican Republic

Academie Internationale Mohamed VI de l'Aviation Civile (AIAC)  
Casablanca, Morocco

Air Traffic and Navigation Services (ATNS) - Aviation Training Academy  
Johannesburg, South Africa

Capital Airports Management Academy  
Beijing, China

Centro Internacional de Instrucción de Aeropuertos y Servicios Auxiliares (CIIASA) - Ingeniero Roberto Kobeh González  
Mexico City, Mexico

Civil Aviation Training Center (CATC), Thailand  
Jatujak, Thailand

Civil Aviation Training Centre of Korea Airports Corporation (KAC)  
Cheongju, Republic of Korea

Corporación Educativa Indoamericana (CEI)  
Bogotá, Colombia

East African School of Aviation (EASA)  
Nairobi, Kenya

Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC)  
Niamey, Niger

Ethiopian Aviation Academy  
Addis Ababa, Ethiopia

Federal Aviation Administration (FAA) Academy  
Oklahoma City, United States

Global Air Navigation Services LLC (GANS)  
Abu Dhabi, United Arab Emirates

Gulf Center for Aviation Studies (GCAS)  
Abu Dhabi, United Arab Emirates

Incheon Airport Aviation Academy (IAAA)  
Incheon, Republic of Korea

Instituto Centroamericano de Capacitación Aeronáutica - ICCAE  
Ilopango, El Salvador

JAA Training Organisation (JAA TO)  
Schiphol-Rijk, Netherlands

Nigerian College of Aviation Technology (NCAT)  
Zaria, Nigeria

Singapore Aviation Academy  
Singapore

### FULL (44)

Académie Tunisienne de Formation en Sûreté de l'Aviation Civile (AFSAC)  
Tunis, Tunisia

Aeronautical Safety College (ASC)  
Osaka, Japan

Agência Nacional de Aviação Civil (ANAC)  
Brasília/DF, Brazil

Airports Authority Rescue and Fire Fighting Services Training Centre Delhi  
Delhi, India

Airports of Mauritius Co Ltd. Aviation Training Centre  
Plaine Magnien, Mauritius

ASI Institute, A Division of Aviation Strategies International  
Montreal, Canada

Center for Human Resources Development on Civil Aviation  
Tangerang, Indonesia

Centre Français de Formation des Pompiers d'Aéroport (C2FPA)  
Coings, France

Centro de Adiestramiento Aeronautico (CAA)  
La Habana, Cuba

Centro de Estudios Aeronáuticos (CEA)  
Bogotá, Colombia

Centro de Instrucción, Perfeccionamiento y Experimentación (CIPE) ANAC  
Buenos Aires, Argentina

Civil Aviation Academy of Nepal (CAAN)  
Bhaktapur, Nepal

Civil Aviation Authority Training Institute (CAATI)  
Kingston, Jamaica

Civil Aviation Training Centre  
Colombo, Sri Lanka

Civil Aviation Training College Allahabad  
Prayagraj, India

Civil Aviation Training Institute (CATI)  
Hyderabad, Pakistan

Civil Aviation University of China  
Tianjin, China

Domodedovo Training LLC  
Domodedovo, Russian Federation

Ecole Régionale de la Navigation Aérienne et de Management (ERNAM)  
Dakar, Senegal

Ecole Régionale de Sécurité Incendie (ERSI)  
Douala, Cameroon

Egyptair Training Academy  
Cairo, Egypt

Egyptian Aviation Academy (EAA)  
October City, Egypt

Escuela Técnica de Aviación Civil (ETAC)  
Quito, Ecuador

Ethiopian Civil Aviation Training Centre (ECATC)  
Addis Ababa  
Ethiopia

Fire Service Training Center Kolkata  
Kolkata, India

Hong Kong International Aviation Academy (HKIAA)  
Hong Kong, China

Indian Aviation Academy  
New Delhi, India

Instituto Nacional de Aeronáutica Civil (INAC)  
Luque, Paraguay

Instituto Nacional de Aviación Civil (INAC)  
Cochabamba, Bolivia

Instituto Superior de Formación Profesional Aeronáutica  
Ciudad De Panamá, Panama

Instituto Universitario de Aeronáutica Civil (IUAC)  
Maracay, Venezuela (Bolivarian Republic of)

Loumed Cabin Crew Training Center (LCCTC)  
Agadir, Morocco

Malaysia Aviation Academy  
KLIA, Sepang, Malaysia

Middle East Airlines Training Center  
Beirut, Lebanon

Qatar Aeronautical Academy (QAA)  
Doha, Qatar

Queen Noor Civil Aviation Technical College (QNCATC)  
Amman, Jordan

Republican State-owned Enterprise "Kazaeronavigatsia"  
Nur Sultan, Kazakhstan

Saudi Academy of Civil Aviation (SACA)  
Jeddah, Saudi Arabia

Servicios y Estudios para la Navegación Aérea y la Seguridad Aeronáutica (SENASA)  
Madrid, Spain

Tanzania Civil Aviation Training Centre  
Dar es Salaam, United Republic of Tanzania

The Barbados Civil Aviation Training Centre (BCATC)  
Barbados, Barbados

Training Center of the Mongolia Civil Aviation Authority  
Ulaanbaatar, Mongolia

Trinidad and Tobago Civil Aviation Authority - Civil Aviation Training Centre  
Piarco, Trinidad and Tobago

United for Aviation Technology Services (United ATS)  
Obour City, Egypt

### ASSOCIATE (30)

Advanced ATC, Inc.  
Valdosta, United States

Airways New Zealand Training Centre  
Christchurch, New Zealand

Australian College of Kuwait  
Kuwait, Kuwait

Centro de Instrucción de Aviación Civil (CIAC) de CORPAC  
Lima, Peru

Civil Aviation Academy (CAA)  
Dhaka, Bangladesh

Civil Aviation Training Center - Civil Aviation Authority of the Philippines  
Pasay City, Philippines

Dutch Caribbean Air Navigation Service Provider  
Willemstad, Curacao

ENAV Academy  
Forlì, Italy

Entry Point North AB ATS Academy  
Malmö, Sweden

Eritrean School of Aviation  
Asmara, Eritrea

Escola Nacional de Aeronautica  
Maputo, Mozambique

Escuela Técnica Aeronáutica  
Santiago, Chile

Etablissement National de la Navigation Aérienne (CQRENA)  
Alger, Algeria

Federal Airports Authority of Nigeria  
Ikeja, Nigeria

Ghana Civil Aviation Training Academy  
Accra, Ghana

Indonesia Civil Pilot Academy of Banyuwangi  
Banyuwangi, Indonesia

Instituto de Adiestramiento Aeronáutico - DINACIA  
Montevideo, Uruguay

International Aviation Consulting & Training, General Civil Aviation Authority  
Abu Dhabi, United Arab Emirates

International College of Engineering & Management  
Muscat, Oman

International Fire Training Centre (IFTC)  
Darlington, United Kingdom

L'Ecole de Formation (EFO) of the Cameroon Civil Aviation Authority  
Yaounde, Cameroon

National Airports Corporation  
Port Moresby, Papua New Guinea

NATS Training Services  
Fareham, United Kingdom

Oman Aircraft Control College CPO Seeb  
Oman, Oman

Airports Learning & Development Centre  
Muscat, Oman

Politeknik Penerbangan Indonesia Curug  
Tangerang, Indonesia

Prince Sultan Aviation Academy  
Jeddah 21231, Saudi Arabia

Tianjin Jingwei Horizon Aviation Technology Co., Ltd  
Tianjin, China

Vietnam Aviation Academy  
Ho Chi Minh, Viet Nam

Zambia Air Services Training Institute (ZASTI)  
Lusaka, Zambia

# TRAINAIR PLUS™ PROGRAMME

## PARTNERS

### INTERNATIONAL AVIATION ORGANIZATIONS



### ACADEMIC INSTITUTIONS



## REGIONAL TRAINING CENTRES OF EXCELLENCE



## GLOSSARY

**TPP Membership:** ICAO recognizes aviation training centres through the TRAINAIR PLUS Programme (TPP) with the aim of improving the safety and efficiency of air transport through the establishment, maintenance and monitoring of high standards for training and competency of aviation personnel on a worldwide basis and in a cost-effective manner.

**Categories of Membership:** TPP is open to all training organizations and operators, provided they are recognized or approved by their respective governments. The network consists of the following four categories of membership:

**Partners:** Universities, regional and international aviation-oriented organizations, public institutions, aviation agencies and industry companies that develop and deliver a TRAINAIR PLUS Partnership Training Package (PTP) to respond to global and regional training needs and support the implementation of ICAO SARPs and aviation global plans.

## FULL MEMBERS



## ASSOCIATE MEMBERS



**Regional Training Centres of Excellence (RTCEs):** TRAINAIR PLUS Full Members that develop ICAO courses, using ICAO provisions (Annexes and guidelines). This membership category offers additional partnership with ICAO for development of ITPs. RTCEs will be assessed by GAT, according to a set of high-level criteria.

**Full Members:** Training centres that wish to improve and consolidate competency-based training within their organizations must develop an STP, including the provision of on-the-job training to their course developers, conducted by an ICAO-qualified validator. Once the STP is validated by ICAO, the applicant will be granted TRAINAIR PLUS Full Member status;

**Associate Members:** To become an Associate Member, new applicants must complete the online application and successfully pass the TRAINAIR PLUS on-site assessment, conducted by an ICAO-qualified assessor, to determine compliance of the applicant with the criteria set forth in the TRAINAIR PLUS Assessment Guidelines (TPAG) and TRAINAIR PLUS Protocol Questionnaire.



| ICAO

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**Global Aviation Training**  
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