



World Physiotherapy

Asia Western
Pacific region

**ANNUAL
MEMBERSHIP
CENSUS**

2020

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BACKGROUND

World Physiotherapy collects data and information from its member organisations.

Since 2017, the data collection has taken place on an annual basis, providing comparisons at a national, regional and global level. World Physiotherapy and its member organisations use this data to influence policy decisions around health, health service delivery, human resource planning, and education – and to show variations in the density of physiotherapists in different parts of the world and across World Physiotherapy regions.

In 2020, 122 World Physiotherapy member organisations were sent an online survey, which included questions about:

- number of
 - individual members for the World Physiotherapy member organisation
 - practising physiotherapists
 - entry level and physiotherapy programmes
- professional name used
- special interest groups
- publications and conferences
- how they communicate with their membership
- professional practice
- telehealth
- direct access
- sources of funding
- regulation

Due to the COVID-19 pandemic, a set of 13 questions about this issue was included in the survey to gain insights into how the pandemic had impacted physiotherapy practice and World Physiotherapy member organisations' governance. These questions included:

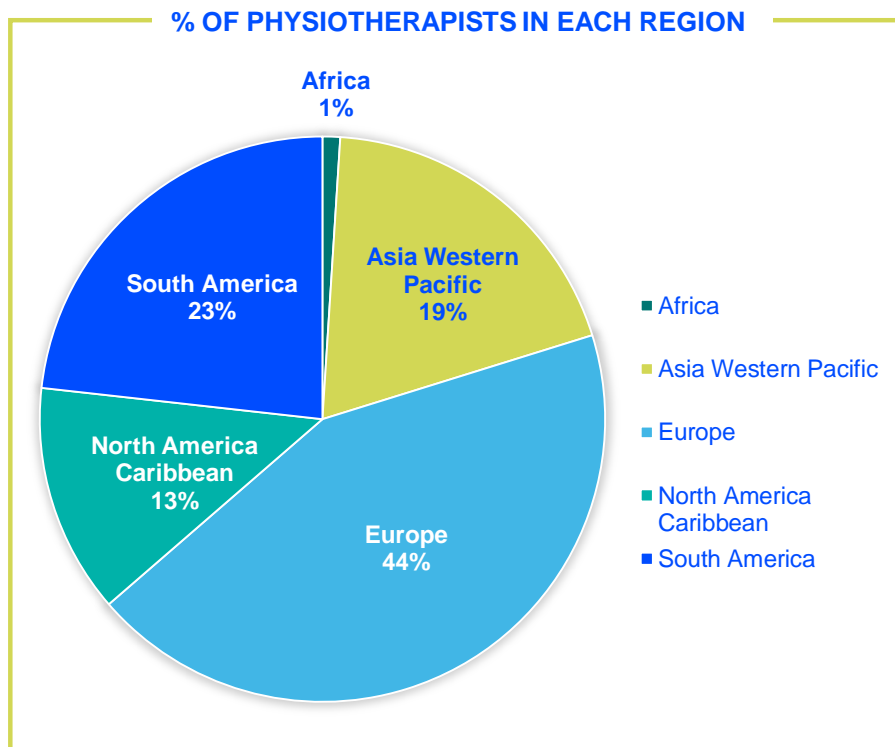
- impact of COVID-19 pandemic on World Physiotherapy member organisations' operations (budgeting, governance or service providing)
- impact of COVID-19 pandemic on physiotherapy practice at a national level
- actions undertaken by World Physiotherapy to support their membership (for example, advocacy, training, access to personal protective equipment (PPE))

At the end of the data-gathering period, 111 responses were received from a possible 122 member organisations. The high response rate, 91%, was greater than the previous year, 87.5%, and demonstrates strong engagement between World Physiotherapy and its member organisations, even in such a complex year due to the COVID-19 pandemic. The census date was 30 June 2020.

World Physiotherapy region	Member organisations within the region	Number of respondents	Response rate	Number of physiotherapists in each region
Africa	25	21	84%	21,317
Asia Western Pacific	29	26	90%	383,795
Europe	43	41	95%	807,460
North America Caribbean	14	12	86%	256,490
South America	11	11	100%	432,523
Grand total	122	111	91 %	1,901,585

WORLD PHYSIOTHERAPY REGIONS AND MEMBERSHIP

World Physiotherapy has five regions, each composed of member organisations in that geographical area. Further information about World Physiotherapy regions can be found at <https://world.physio/regions>.



WORLD PHYSIOTHERAPY MEMBERSHIP AND PRACTISING PHYSIOTHERAPISTS

In 2020, World Physiotherapy represented, through its member organisations, 658,433 physiotherapists who are members of their national physiotherapy association. This is an increase of 154,951 physiotherapists compared with 2019. In 2020, the global number of physiotherapists was 1,901,585 and 35% of these physiotherapists were a member of a World Physiotherapy member organisation (2019: 29%).

35 member organisations have seen a decline in their membership numbers. Most of these member organisations have 1,000 or less members. Of World Physiotherapy's seven largest member organisations, only one has seen a decline in its membership. This suggests physiotherapists continue to see the value of membership, despite the many challenges arising from the COVID-19 pandemic.

57 member organisations have seen an increase in their membership numbers.

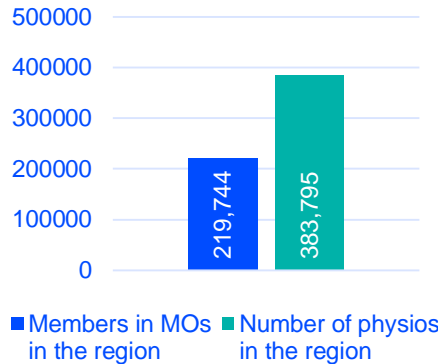
According to OECD reports, in 2017, life expectancy at birth was 80.7 years on average across OECD countries/territories, over 10 years higher than it was in 1970. In OECD partner countries (Brazil, China, India, Indonesia, South Africa), levels are converging rapidly towards the OECD average with considerable gains in longevity.

In addition, global estimates of the need of rehabilitation based on the burden of disease in 2019 have recently been published. The Lancet, states that globally, in 2019, 2.41 billion individuals had conditions that would benefit from rehabilitation. This number has increased by 63% between 1990 and 2019.

In the context of an aging population and increased rehabilitation need, it is clear there will need to be continued growth in the physiotherapists' workforce to reach the current unmet need of rehabilitation for the global population.

ASIA WESTERN PACIFIC

PHYSIOTHERAPISTS IN THE ASIA WESTERN PACIFIC REGION OF WORLD PHYSIOTHERAPY



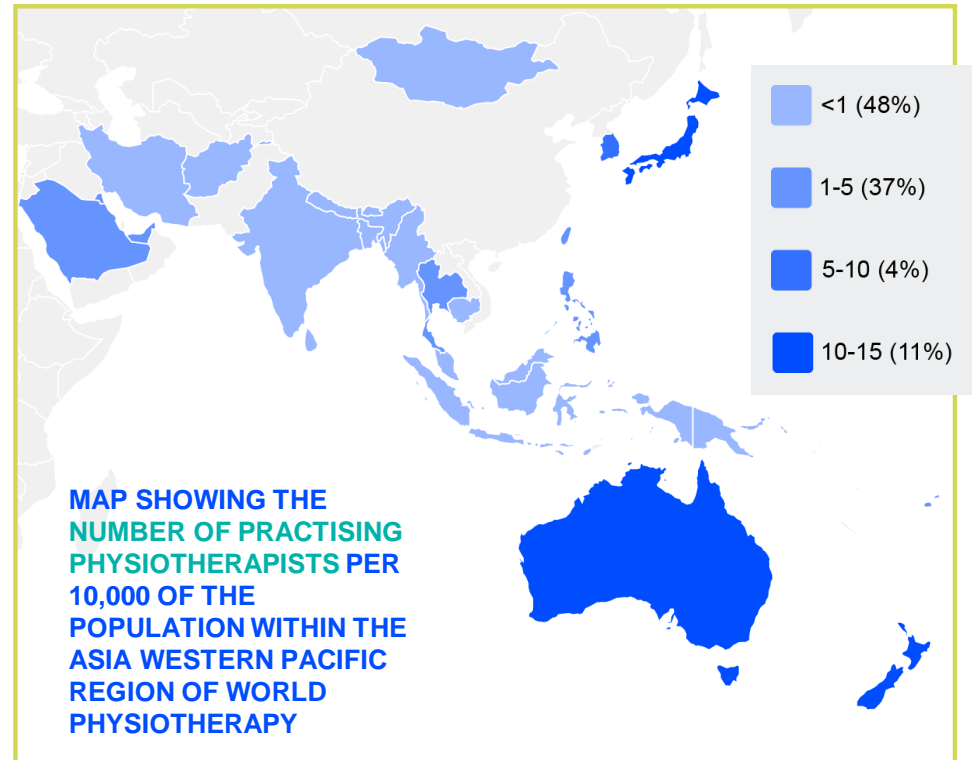
57% of the physiotherapy workforce in the region are members of their national physiotherapy association. This is the highest ratio of all World Physiotherapy regions.

65% of World Physiotherapy member organisations in the region reported a growth in their membership in 2020, a total increase of 49,490 members in the region. This is almost entirely due to the readmission of the Indian Association of

Physiotherapists (48,397 members) as a World Physiotherapy member organisation.

Within the region there are, on average, 1.4 physiotherapists per 10,000 population. However, the disparity across the region is marked: 12 out of 26 countries/territories in the region have less than one physiotherapist per 10,000 population while three countries/territories in the region (Australia, Japan, New Zealand) have more than 10 physiotherapists per 10,000 population.

According to OECD, life expectancy in the region has increased by four-six years, depending on the country/territory income level, since 2000. Given these trends, the proportion of the population above 65 years is expected to increase by nearly two and half times in lower-middle and low income countries/territories in the region by 2050. The proportion of older people is expected to be even greater in high-income and upper-middle income countries/territories – such as Japan, Republic of Korea, Singapore – where more than one third of the population will be aged 65 and over in 2050.



In addition, global estimates of the need of rehabilitation based on the burden of disease in 2019 have recently been published. The Lancet states this region has the highest need of rehabilitation services globally with 610 million people in need of rehabilitation services.

In the context of an aging population and increased rehabilitation need, it is a clear there will need to be continued growth in the physiotherapists' workforce to reach the current unmet need of rehabilitation for the region.

GENDER

Globally, 63% of practising physiotherapists are women. However, there are variations between World Physiotherapy regions: 70% in the North America Caribbean region and 54% in the Asia Western Pacific region.

Of the 111 respondents to the annual membership census, in 17 countries/territories women make up 80% or more of practising physiotherapists and in 17 countries/territories women make up less than 50% of practising physiotherapists – 11 in the Africa region and six in the Asia Western Pacific region.

ASIA WESTERN PACIFIC REGION

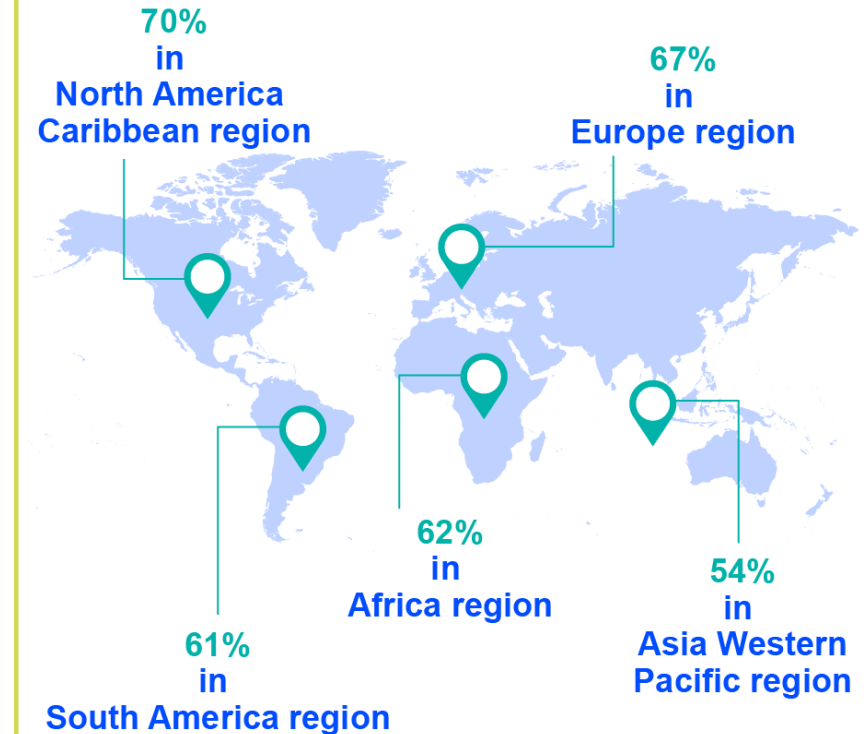
54% of practising physiotherapists in the Asia Western Pacific region are women. This is the lowest ratio in all World Physiotherapy regions and is mainly due to the low numbers of women practising as physiotherapists in Japan (36%).

There are variations within the region: Mongolia (84%), Nepal (31%). Six countries/territories have a minority of women as practising physiotherapists (Afghanistan, Bangladesh, Bhutan, Cambodia, Japan, Nepal).

THE 3 COUNTRIES/TERRITORIES WITH THE HIGHEST % OF FEMALE PHYSIOTHERAPISTS IN THE ASIA WESTERN PACIFIC REGION



PERCENTAGE OF FEMALE PHYSIOTHERAPISTS IN WORLD PHYSIOTHERAPY REGIONS



COVID-19

The COVID-19 pandemic has impacted on both individual physiotherapists and World Physiotherapy member organisations.



85%

of member organisations in the Asia Western Pacific region reported physiotherapy practice was disrupted during the pandemic in their country/territory



42%

of respondents in the Asia Western Pacific region said physiotherapists in their country/territory had difficulty in accessing the PPE equipment they required

Many member organisations stated that lack of access to PPE was the cause of the disruption to physiotherapy services, particularly in relation to private practice.

World Physiotherapy member organisations reported some advocacy actions to support their membership and to highlight the role of physiotherapists as frontline health workers as part of the acute response.

According to a WHO report on COVID-19 and non-communicable diseases, rehabilitation is the most commonly disrupted service and *“Rehabilitation continues being wrongly perceived as a non-essential health service for all patients when for many patients it is essential”*.

Further analysis of how COVID-19 pandemic has impacted the global physiotherapy profession will be provided in a separate report, due to be published in March 2021.

TELEHEALTH

During the COVID-19 pandemic, the ability of health systems to facilitate access to teleconsultations has been of critical importance. A growing body of evidence suggests telehealth can be safe, cost-effective, and, in some cases, provide better outcomes than face-to-face care.

Telehealth has been shown to be a tool that allows physiotherapy services to continue while avoiding risks (for example, travelling, maintaining social distance) associated with other treatment approaches.

65% of World Physiotherapy member organisations in the Asia Western Pacific region reported physiotherapists are permitted to provide telehealth services..

This is the lowest ratio within all World Physiotherapy regions. Recognition and proper payment for this service is still a challenge in many countries/territories in the region.



DIRECT ACCESS

Direct access and patient self-referral refer to the circumstances where physiotherapy services are available to patients/clients without needing a referral. Direct access is a key advocacy goal for many World Physiotherapy member organisations who consider this a key pathway to achieving professional independence and recognition in a country/territory.

According to a WHO report on disability, *“international, regional, and national policy and legislation can help meet the health care needs of people with disabilities where political will, funding, and technical support accompany implementation”*.

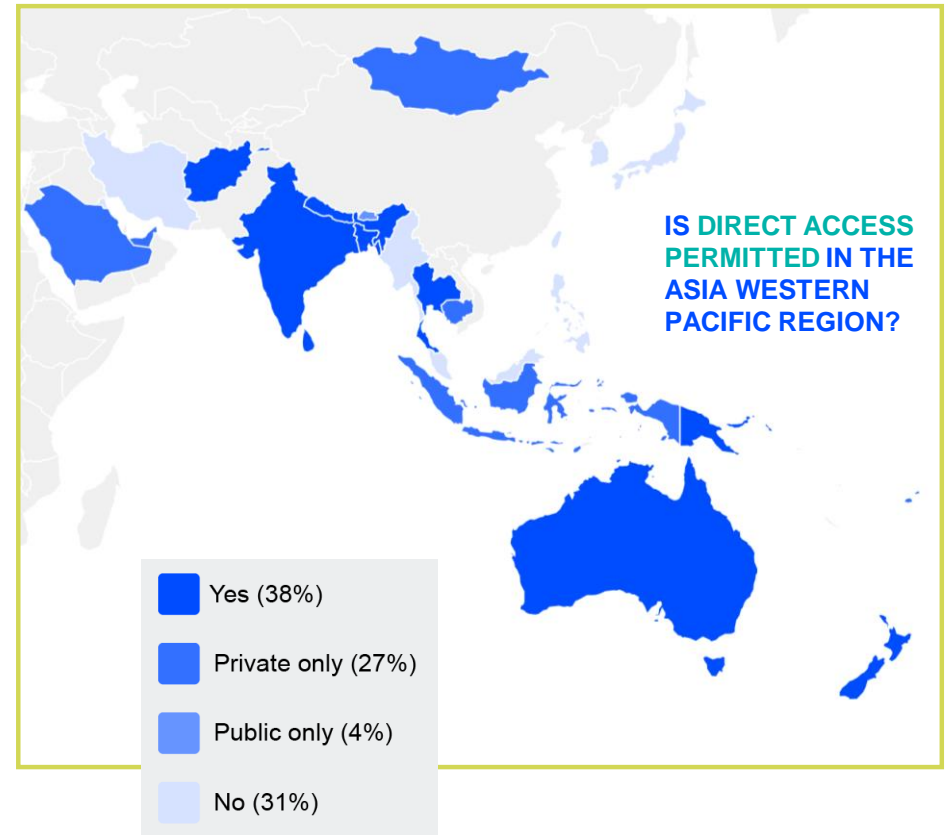
A growing body of evidence suggests that direct access to physiotherapy treatment is cost-effective for public health systems, especially in primary care and related to muscle-skeletal conditions.

There are different categories in which the type of direct access can be analysed:

- no direct access at all
- direct access only in public health system
- direct access only in private practice
- full direct access

Across the globe, 28% of countries/territories have full direct access and 42% have direct access only in private practice. In contrast, 27% of World Physiotherapy member organisations said there is no direct access, in any form, in their country/territory.

Direct access remains a priority advocacy issue for the global profession. World Physiotherapy advocates for the right of those seeking physiotherapy services to self-refer to a physiotherapist if they so desire, and believes that this right promotes the autonomy of users of physiotherapy services and enables fair and equitable access to such services.



38% of World Physiotherapy member organisations in the Asia Western Pacific region reported full direct access, while 31% said there is no direct access, in any form, in their country/territory, and 27% of member organisations in the region reported direct access was permitted only for private practice.

EDUCATION

Education programmes, at entry and postgraduate level, are the foundations of every healthcare profession and can offer insights into the development of a profession in a particular location.

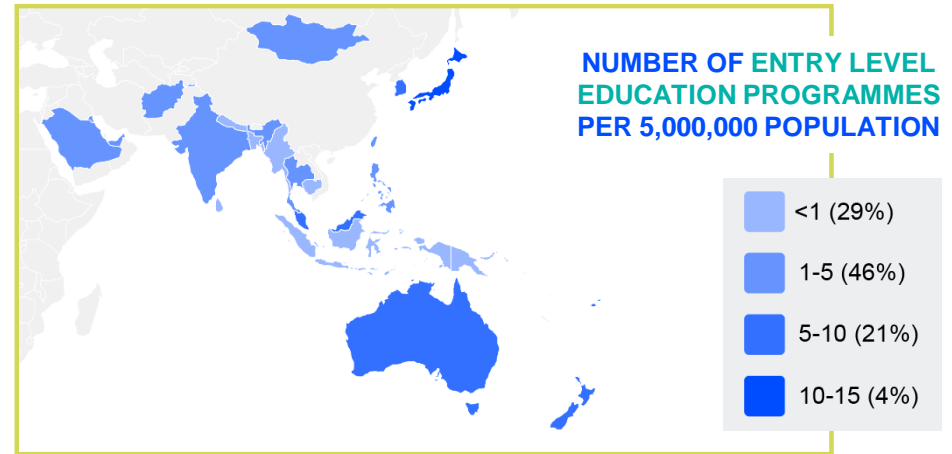
Globally, there are more than 3,800 physiotherapist entry level education programmes and it is estimated more than 129,000 students graduated worldwide during the last academic year.

Analysis by region is included in each regional report.

World Physiotherapy region	Number of respondents	Number of ELEP	Number of new graduates	% of new graduates globally
Africa	21	72	1,803	1%
Asia Western Pacific	26	1,017	43,531	34%
Europe	41	948	35,696	28%
North America Caribbean	12	281	11,649	9%
South America	11	1,559	36,939	28%
Grand total	111	3,877	129,618	100%

Access to a PhD programme is one of the steps to measure the development of the profession at a national level. Physiotherapists who complete a PhD may be able to more easily access leadership management or academic roles, or lead research groups and secure funding.

Of the respondents, 48% said there was access to PhD programmes in their country/territory, although this varies across the world: Europe region (73% of countries/territories with access to PhD programmes), North America Caribbean region (17% of countries/territories with access to PhD programmes).



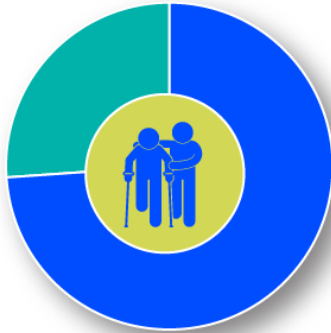
1,017 physiotherapist entry level education programmes exist in the Asia Western Pacific region and it is estimated that over 43,000 people graduated during the last academic year. This means a ratio of **2.1 programmes per 5 million** population in the region. This is a low ratio compared to other regions: Europe region is three times higher. This is of special relevance in the context of a region where there is a high demand of rehabilitation needs and, therefore, a great need for a physiotherapy workforce, as stated in the recent Lancet study about 2019 global estimates of the need of rehabilitation based on the burden of disease. .

69% of countries/territories in the region have post-professional education programmes but only 46% of World Physiotherapy member organisations reported having access to PhD programmes in their country/territory.

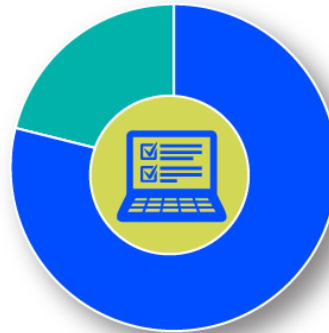
It is a key issue for governments in the region to foster and fund physiotherapist training programmes at all levels, especially entry level education programmes in low and low-middle income countries/territories, to address current and future health needs for their populations.

GLOBAL HIGHLIGHTS

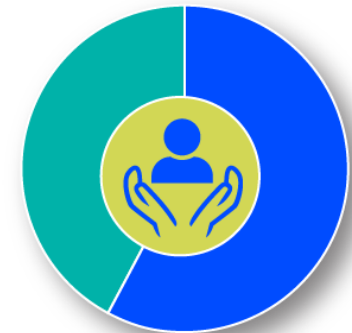
74% of member organisations recognise special interest groups



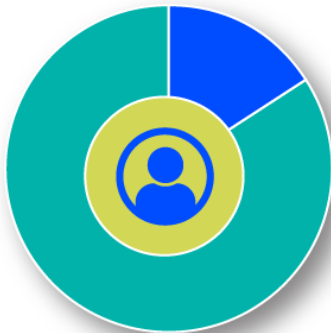
79% of member organisations provide CPD for their members



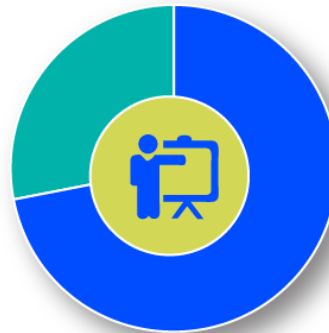
58% of countries/territories have support personnel to work with physiotherapists



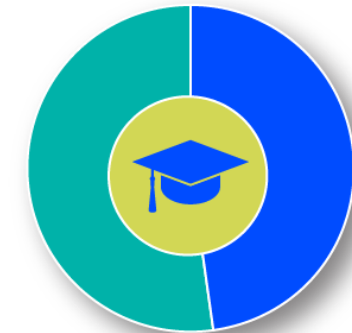
16% of countries/territories a physiotherapist has to be a member of our MO to practice



71% of countries/territories have postgraduate education



48% of countries/territories have access to PhD programmes



RESPONSES TO SURVEY

WORLD PHYSIOTHERAPY MEMBER ORGANISATIONS FROM THE FOLLOWING COUNTRIES/TERRITORIES RESPONDED:

Africa region	Asia Western Pacific region		Europe region		North America Caribbean region	South America region
Benin	Afghanistan	Singapore	Albania	Latvia	Bahamas	Argentina
Cameroon	Australia	Sri Lanka	Austria	Lebanon	Barbados	Bolivia
Congo (Democratic Republic)	Bangladesh	Taiwan	Belgium	Liechtenstein	Bermuda	Brazil
Ethiopia	Bhutan	Thailand	Bosnia and Herzegovina	Lithuania	Canada	Chile
Eswatini	Cambodia	United Arab Emirates	Bulgaria	Luxembourg	Guyana	Colombia
Ghana	Fiji		Cyprus	Malta	Haiti	Costa Rica
Ivory Coast	Hong Kong		Czech Republic	Montenegro	Jamaica	Ecuador
Kenya	India		Denmark	Netherlands	Panama	Mexico
Madagascar	Indonesia		Estonia	Norway	St Lucia	Peru
Malawi	Japan		France	Poland	Suriname	Uruguay
Mali	Korea (Republic of)		Finland	Portugal	Trinidad and Tobago	Venezuela
Morocco	Kuwait		Georgia	Romania	United States	
Namibia	Macau		Germany	Slovakia		
Niger	Malaysia		Greece	Slovenia		
Nigeria	Mongolia		Hungary	Spain		
Rwanda	Myanmar		Iceland	Sweden		
Senegal	Nepal		Ireland	Switzerland		
South Africa	New Zealand		Israel	Turkey		
Togo	Papua New Guinea		Italy	Ukraine		
Uganda	Philippines		Jordan	United Kingdom		
Zimbabwe	Saudi Arabia		Kosovo			

The survey was sent to World Physiotherapy's 122 member organisations, of which 111 responded, representing a 91% response rate.

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DISCLAIMER

- The data in this report is based on responses to the annual membership census sent to World Physiotherapy's member organisations.
- In 2020 the annual membership census was sent to 122 member organisations and 111 responded. The census date was 30 June 2020.
- Some data in this report has been collated from other sources available to World Physiotherapy.
- If you have any questions or concerns, or want to make changes to the data about your country/territory, please contact membershipcensus@world.physio.