



World Council  
**For Health**



World Council  
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Australia

**WCH Australia**  
**with**  
**WCH Canada**  
**WHO CC's AMRO**  
**31/10/24**





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Australia

# World Council for Health Australia

## W.H.O Networks in Australia

August 2024





# W.H.O Country Cooperation Strategy

## What is a WHO Cooperation Strategy

*“The WHO Country Cooperation Strategy (CCS) is a medium-term corporate strategic framework to guide WHO’s work with Member States, taking into account national context and needs.”*

*“The CCS is aligned with WHO’s General Programme of Work (both GPW 13 and GPW 14), regional frameworks and flagship initiatives, while it also aims to accelerate the country’s progress towards achieving the health-related Sustainable Development Goals (SDGs). CCS priorities also provide major input to the development of the health component of the United Nations Sustainable Development Cooperation Framework or its equivalent, and can serve as an accelerator for the health agenda adopted by the UN Country Team.”*



# W.H.O Country Cooperation Strategy



**Australia - W.H.O Country Cooperation Strategy 2018-2022**  
**Signed by The Hon Greg Hunt, MP 9th October, 2017**

*“The Australia-WHO strategy is the first in the Region to focus on how WHO and a high-income country can better work together. It provides a vision for the Organization’s joint work with Australia over the next five years to improve the health of Australians and contribute to better health for people in the broader region and beyond.”*

*“Against the backdrop of the 2030 Sustainable Development Agenda, four strategic priorities have been identified to guide the technical areas that will be a focus for ongoing cooperation between Australia and the WHO Regional Office for the Western Pacific”*





# W.H.O Country Cooperation Strategy

## Australia / WHO Country Cooperation Strategy

### 1.1 AIM

*...”to strengthen and guide cooperation between agencies responsible for Australia’s health portfolio and WHO in mutually agreed priority in an effort to improve the health of all populations in the Western Pacific Region and beyond.”*



# W.H.O Country Cooperation Strategy



**Australia - W.H.O Country Cooperation Strategy 2018-2022**  
**Signed by The Hon Greg Hunt, MP 9th October, 2017**

This collaboration is underpinned by three key foundations of cooperation

- 1) WHO contributes to the health of all Australians
- 2) Australia, facilitated by WHO, contributes to addressing health priorities in the Region and globally
- 3) Australia and WHO work in partnership to promote better health

# W.H.O Country Cooperation Strategy



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- 1) *“WHO contributes to the health of all Australians*
  - *Australia looks to WHO as the pre-eminent leader in global health. International norms and standards set by WHO influence the Australian Government Department of Health’s development and delivery of domestic health policy.*
- 2) *Australia, facilitated by WHO, contributes to addressing health priorities in the Region and globally*
  - *Australia is well placed to share its experiences and expertise with other countries, and also learns from other countries in addressing shared health challenges. WHO facilitates sharing of expertise and experience between Australia and other countries.*
- 3) *Australia and WHO work in partnership to promote better health*
  - *Australia and WHO collaborate closely to promote stronger partnerships in support of improving health in the Region and globally. Australia also supports WHO’s ongoing efforts to transform itself into a more efficient, transparent, fit-for-purpose, country-focused organization - and in doing so, to strengthen its leadership and convening role.”*



# W.H.O Country Cooperation Strategy



## The Four Strategic Priorities as a focus for partnership over the five years are

- *1) Health Security*
- *2) People - centred Health Systems for Universal Coverage*
- *3) Regulatory Strengthening*
- *4) Working together to support to WHO in its efforts to achieve organizational excellence*





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## 1.4 Scope of this CCS 1.4

*“ The CCS has been designed to reflect the diverse roles and responsibilities of Australia’s health portfolio agencies, which includes the Australian Government Department of Health and a range of other technical agencies, regulatory authorities, research councils and national data collection bodies.*

*The Department of Health leads Australia’s engagement with WHO, in close collaboration with several government agencies, in particular, the Australian Government Department of Foreign Affairs and Trade (DFAT).*

*While this CCS presents opportunities for cooperation specifically between Australia’s health portfolio agencies and WHO, Australia has additional engagement with WHO, including through DFAT’s international aid and development programmes.*

*The strategic agenda contained in this CCS was developed by a small working group composed of staff members of the Department of Health and the WHO Regional Office for the Western Pacific in consultation with key stakeholders in both offices.”*





## 2. WHO: The Global Guardian of health

*“ WHO is the world’s independent guardian and monitor of global health. It fulfils this role through the core functions of:*

- negotiating international agreements to ensure they reflect country needs and, in particular, the needs of the most disadvantaged populations;*
- providing evidence-based health information for monitoring global health trends and setting priorities;*
- bringing together the world’s health experts, governments, civil society and partners to help shape health policy;*
- developing norms, standards and guidelines based on the systematic use of scientific evidence, driven by the needs and priorities of Member States; and*
- providing high-quality technical expertise and facilitating high-level policy dialogue.”*



# W.H.O Country Cooperation Strategy



The Australian public were not consulted regarding the signing of the WHO Australia Country Cooperation Strategy in 2017





# WHO Collaboration Centres

## WHO Collaboration Centres

*"WHOCCs are institutions (or subunits thereof) that have been designated by the Director-General to support the WHO as part of a global network."*





# WHO Collaboration Centres

## WHO Collaboration Centres

### *“Functions and role*

*The functions of the WHO collaborating centres are diverse, and may include the following:*

- collection, collation and dissemination of information;*
- standardization of terminology and nomenclature, of technology, of diagnostic, therapeutic and prophylactic substances, and of methods and procedures;*
- development and application of appropriate technology;*
- provision of reference substances and other services;*
- participation in collaborative research developed under the Organization's leadership, including the planning, conduct, monitoring and evaluation of research, as well as promotion of the application of the results of research;*
- training, including research training; and*
- the coordination of activities carried out by several institutions on a given subject.”*

<https://www.who.int/about/collaboration/collaborating-centres>



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# WHO Collaboration Centres

## WHO Collaboration Centres

*“The main role of the WHO collaborating centres is to provide strategic support to the Organization to meet two main needs:*

- *Implementing WHO's mandated work and programme objectives*
- *Developing and strengthening institutional capacity in countries and regions.”*



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# WHO Collaboration Centres





# WHO Collaboration Centres

## WHO Collaboration Centres

797 Listed WHO CC's Worldwide in 93 Countries  
supporting WHO Programmes

- 1) USA - 68
- 2) India - 58
- 3) China - 57
- 4) UK - 50
- 5) Australia - 45







# WHO Collaboration Centres

## WHO Collaboration Centres

163 Listed WHO CC's Worldwide in AMRO  
supporting WHO Programmes

- 1) USA - 68
- 2) Canada - 29
- 3) Brazil - 20
- 4) Argentina -12
- 5) Mexico - 10
- 6) Chile - 7
- 7) Uruguay - 2
- 8) Costa Rica - 2
- 9) Peru - 1
- 10) Jamaica - 1





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# WHO Collaboration Centres





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# WHO Collaboration Centres

## WHO Collaboration Centres

68 USA WHO CC's  
supporting WHO Programmes

- 1) FDA - 1
- 2) NIH - 2
- 3) CDC - 15 Atlanta
- 4) CDC - 1 Fort Collins
- 5) CDC - 1 Washington



## Fact Sheet for PAHO/WHO Collaborating Centres

### Over 100 institutions in 16 countries supporting PAHO/WHO programs

- WHO Collaborating Centres are institutions such as research institutes or parts of universities which are designated by the Director-General to carry out activities in support of the Organization's programs.
- All WHO Collaborating Centres in the Region of the Americas are known as PAHO/WHO Collaborating Centres since the Pan American Health Organization serves as a WHO Regional Office and because of its constitutional structure.
- The designation is initially agreed for four years and can be renewed before it expires.
- PAHO/WHO identifies eligible institutions that are capable and willing to be designated following at least two years of successful collaboration.
- Spontaneous applications or self-nominations are not accepted.

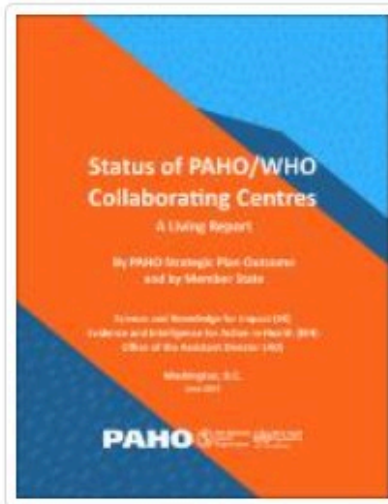
### A 100% win-win relationship

- The collaboration brings benefits to both parties.



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## Status of PAHO/WHO Collaborating Centres: a living report



First published in 2017, this living report contains the status and overview of PAHO/WHO Collaborating Centres in the Americas, organized in alignment with the outcomes of PAHO's Strategic Plan 2020-2025 Outcomes and by Member State.

### Subject

World Health Organization; International Cooperation; Technical Cooperation; Americas

### URI

<https://iris.paho.org/handle/10665.2/34049>

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ABOUT PAHO/WHO CCS

NEWS

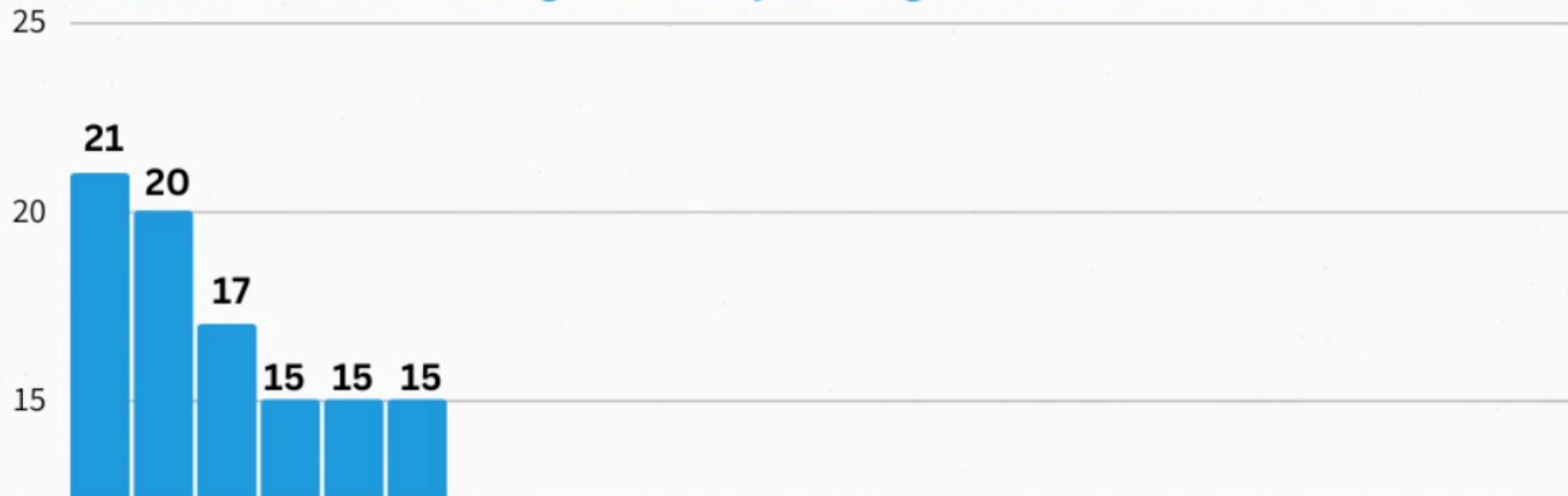
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Home / PAHO/WHO Collaborating Centres / Collaborating Centres by Outcome

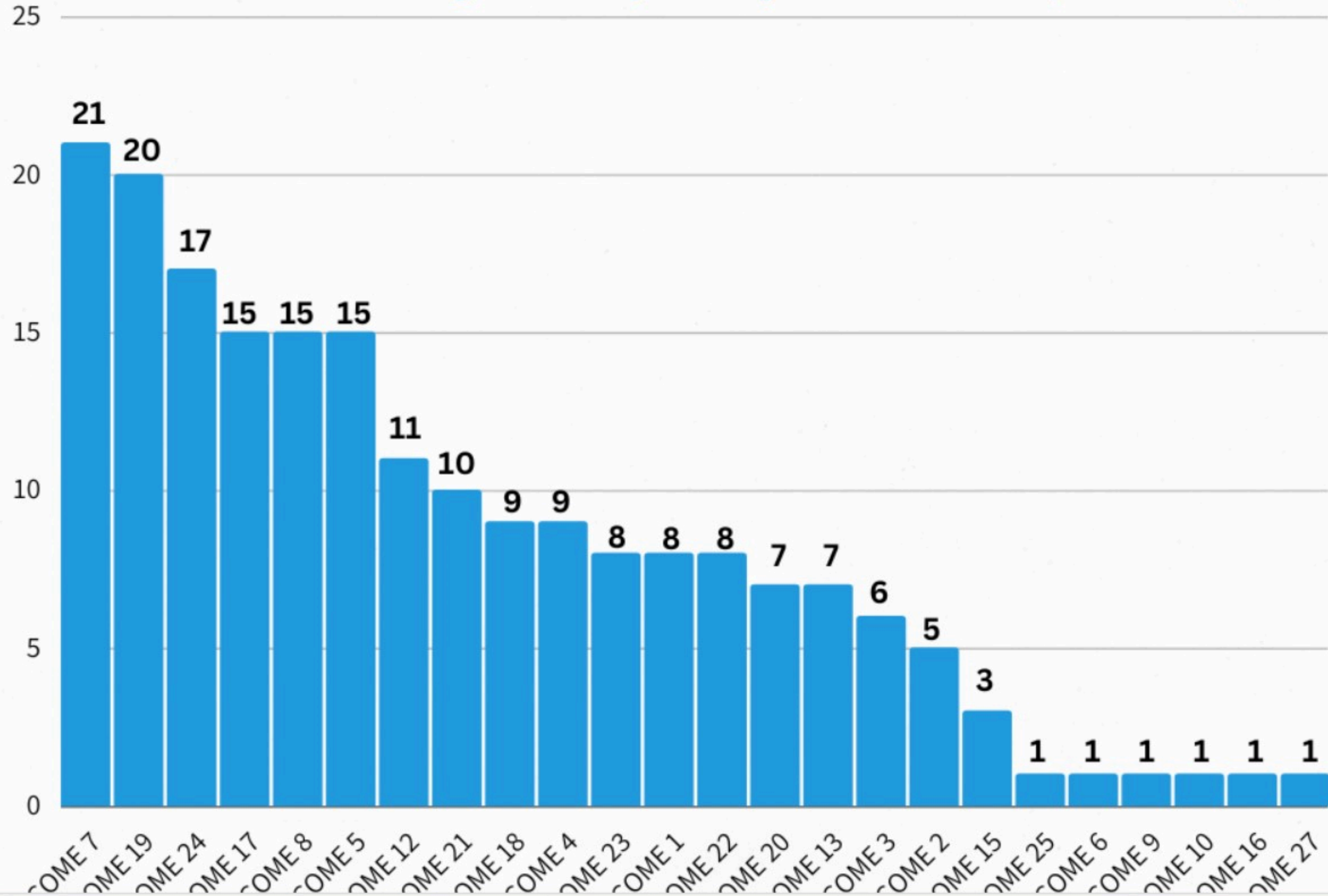
## Collaborating Centres by Outcome

For an up-to-date listing of Centers by Strategic Plan Outcome, please see [here](#).

Number of Collaborating Centres by Strategic Plan Outcome (2020 - 2025)



### Number of Collaborating Centres by Strategic Plan Outcome (2020 - 2025)



## Collaborating Centres by PAHO Strategic Plan Outcomes

<b>Outcome 1: Access to comprehensive and quality health services</b>	+
<b>Outcome 2: Health throughout the life course</b>	+
<b>Outcome 3: Quality care for older adults</b>	+
<b>Outcome 4: Response capacity for communicable diseases</b>	+
<b>Outcome 5: Access to services for NCDs and mental health conditions</b>	+
<b>Outcome 6: Response capacity for violence and injuries</b>	+
<b>Outcome 7: Health workforce</b>	+

<b>Outcome 15: Intersectoral response to violence and injuries</b>	+
<b>Outcome 16: Intersectoral action on mental health</b>	+
<b>Outcome 17: Elimination of communicable diseases</b>	+
<b>Outcome 18: Social and environmental determinants</b>	+
<b>Outcome 19: Health promotion and intersectoral action</b>	+
<b>Outcome 20: Integrated information systems for health</b>	+



**Outcome 7: Health workforce** +

**Outcome 8: Access to health technologies** +

**Outcome 9: Strengthened stewardship and governance** +

**Outcome 10: Increased public financing for health** +

**Outcome 11: Strengthened financial protection** +

**Outcome 12: Risk factors for communicable diseases** +

**Outcome 13: Risk factors for NCDs** +

**Outcome 14: Malnutrition** +

**Outcome 20: Integrated information systems for health** +

**Outcome 21: Data, information, knowledge, and evidence** +

**Outcome 22: Research, ethics, and innovation for health** +

**Outcome 23: Health emergencies preparedness and risk reduction** +

**Outcome 24: Epidemic and pandemic prevention and control** +

**Outcome 25: Health emergencies detection and response** +

**Outcome 26: Cross-cutting themes: equity, gender, ethnicity, and human rights** +

	+
<b>Outcome 12: Risk factors for communicable diseases</b>	+
<b>Outcome 13: Risk factors for NCDs</b>	+
<b>Outcome 14: Malnutrition</b>	+

<b>prevention and control</b>	+
<b>Outcome 25: Health emergencies detection and response</b>	+
<b>Outcome 26: Cross-cutting themes: equity, gender, ethnicity, and human rights</b>	+
<b>Outcome 27: Leadership and governance</b>	-
<ul style="list-style-type: none"><li>• WHO CC for on Communication Strategies and Social Network Content (<a href="#">CUB-31</a>)</li></ul>	
<b>Outcome 28: Management and administration</b>	+



World Health Organization

WHO Collaborating Centres  
Global database

Home

Search

Reports

Portal

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The WHO Collaborating Centres (CCs) Database is the official source of information about the WHO Collaborating Centres worldwide.

Select search criteria and provide lookup search value

Search Criteria:	Search Value:
Country	USA
and	
and	
and	
and	

Search

[How to use this database?](#)

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WHO Collaborating Centres  
Global database

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Results 2 - 15 of 68

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Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status
USA-307	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaborating Centre on Tobacco Control Surveillance and Evaluation	CERON Diana	Active <a href="#">Details</a>
USA-330	University of Miami	Miami	USA	AMRO	WHO Collaborating Centre in Ethics and Global Health Policy	REIS Andreas Alois	Active <a href="#">Details</a>
USA-333	Yale New Haven Health	Stratford	USA	AMRO	WHO Collaborating Centre for Emergency Preparedness and Disaster Response	CAMACHO Alex	Active <a href="#">Details</a>
USA-334	University of Maryland Baltimore - School of Medicine	Baltimore	USA	AMRO	WHO Collaborating Centre on Occupational Health	IVANOV Ivan Dimov	Active <a href="#">Details</a>
USA-336	University of New Mexico Health Sciences Center	Albuquerque	USA	AMRO	WHO Collaborating Center for Innovative Health Workers Education, Service and Research Models	PUERTAS DONOSO Eduardo Benjamin	Active <a href="#">Details</a>
USA-349	University of Miami	Miami	USA	AMRO	WHO Collaborating Centre for Nursing Human Resources Development and Patient Safety	SEPULVEDA URIBE Hernan Rodrigo	Pending <a href="#">Details</a>
USA-350	State University of New York at Albany	Rensselaer	USA	AMRO	WHO Collaborating Centre in Environmental Health	ONYON Lesley Jayne	Active <a href="#">Details</a>
USA-351	University of North Carolina	Chapel Hill	USA	AMRO	WHO Collaborating Centre for Research Evidence for Sexual and Reproductive Health	THATTE Nandita	Pending <a href="#">Details</a>
USA-354	Centers for Disease Control and Prevention (CDC)	Fort Collins	USA	AMRO	WHO Collaborating Centre for Arthropod-Borne Viruses Reference and Research	CIBRELUS YAMAMOTO Laurence Alcyone	Active <a href="#">Details</a>
USA-355	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaborating Centre for Injuries, Violence and Accident Prevention	MEDDINGS David	Active <a href="#">Details</a>
USA-358	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO collaborating centre for meningitis	FERNANDEZ Katya	Active <a href="#">Details</a>
USA-359	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Center for Implementation of IHR Core Capacities	MANCERO BUCHELI Sandra Tamara	Active <a href="#">Details</a>
USA-367	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaborating Centre for Vaccine Epidemiology and Evaluation	GOODMAN Tracey S.	Active <a href="#">Details</a>
USA-381	National Institutes of Health (NIH)	Research Triangle Park	USA	AMRO	WHO Collaborating Centre for Environmental Health Sciences	ONYON Lesley Jayne	Active <a href="#">Details</a>
USA-388	Stanford University	Stanford	USA	AMRO	WHO Collaborating Centre for Classifications, Terminologies and Standards	KOSTANJSEK Nenad Friedrich Ivan	Active <a href="#">Details</a>



WHO Collaborating Centres  
Global database

Search / List

Results 3 - 15 of 68

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status
USA-401	University of Illinois at Rockford	Rockford	USA	AMRO	Who Collaborating Centre for Medical Education and Primary Health Care	PUERTAS DONOSO Eduardo Benjamin	Active <a href="#">Details</a>
USA-403	NSF International	Ann Arbor	USA	AMRO	WHO Collaborating Centre on Water and Food Safety	MAJURU Batsirai	Active <a href="#">Details</a>
USA-405	University of Texas Medical Branch (UTMB)	Galveston	USA	AMRO	WHO Collaborating Centre in Aging and Health	MORSCH Patricia	Active <a href="#">Details</a>
USA-407	University of Illinois at Chicago	Chicago	USA	AMRO	WHO Collaborating Centre for Herbal Medicines	BANA Aditi	Pending <a href="#">Details</a>
USA-414	Georgetown University	Washington	USA	AMRO	WHO Collaborating Centre for National and Global Health Law	IBARRA ESPINOSA Ignacio	Active <a href="#">Details</a>
USA-417	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Surveillance, Epidemiology and Control of Foodborne Diseases and Enteric, Fungal Pathogens	ALMIRON ROJAS Maria Inocencia	Active <a href="#">Details</a>
USA-418	Loma Linda University	Redlands	USA	AMRO	WHO Collaborating Centre for Training and Community Mental Health	ELINGTON CAYETANO Gregoria Claudina	Active <a href="#">Details</a>
USA-423	University of Vermont	Burlington	USA	AMRO	WHO Collaborating Centre for Health Technology Management	LEMGRUBER PORTUGAL D OLIVEIRA Alexandre	Active <a href="#">Details</a>
USA-424	National Institutes of Health (NIH)	Bethesda	USA	AMRO	WHO Collaborating Centre for Global Cancer Control	ILBAWI Andre	Active <a href="#">Details</a>
USA-429	New York University	New York	USA	AMRO	WHO Collaborating Centre for Quality-Improvement, Evidence-Based Dentistry	VEGA GARCIA Enrique	Active <a href="#">Details</a>
USA-438	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Sexually Transmitted Infections Prevention	WI Teodora Elvira	Active <a href="#">Details</a>
USA-439	University of California, San Francisco	San Francisco	USA	AMRO	WHO Collaborating Centre for Emergency, Critical and Operative Care	WALLIS Lee	Active <a href="#">Details</a>
USA-440	Mayo Clinic	Rochester	USA	AMRO	WHO collaborating centre on digital health and precision medicine for tuberculosis	FALZON Dennis	Active <a href="#">Details</a>
USA-443	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Trachoma	SOLOMON Anthony	Active <a href="#">Details</a>
USA-445	St. Jude Children's Research Hospital	Memphis	USA	AMRO	WHO Collaborating Centre for Childhood Cancer	ILBAWI Andre	Active <a href="#">Details</a>



Search / List

Results 4 - 15 of 68

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status
USA-451	Stanford University School of Medicine, Stanford University	Stanford	USA	AMRO	WHO Collaborating Centre for Antimicrobial Resistance and Stewardship	KANDELAKI Ketevan	Active <a href="#">Details</a>
USA-453	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaborating Center for Global Health Security	GRENIER Francis	Active <a href="#">Details</a>
USA-457	Cornell University	Ithaca	USA	AMRO	WHO Collaborating Centre on Nutrition Research for Health	BRANCA Francesco	Active <a href="#">Details</a>
USA-458	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for International Monitoring of Bacterial Resistance to Antimicrobial Agents	EREMIN Sergey Romualdovich	Active <a href="#">Details</a>
USA-460	Johns Hopkins University	Baltimore	USA	AMRO	WHO collaborating centre for integrated people-centered eye care	MARIOTTI Silvio Paolo	Active <a href="#">Details</a>
USA-461	University of North Carolina	Chapel Hill	USA	AMRO	WHO Collaborating Centre in Quality and Safety Education in Nursing and Midwifery	PUERTAS DONOSO Eduardo Benjamin	Active <a href="#">Details</a>
USA-463	University of Kansas	Lawrence	USA	AMRO	WHO Collaborating Centre for Community Health and Development	CAMPOS ESTEBAN Maria Pilar	Active <a href="#">Details</a>
USA-464	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Center for Reference and Research on Viral Hepatitis	LESI Olufunmilayo	Active <a href="#">Details</a>
USA-465	Centers for Disease Control and Prevention (CDC)	Washington	USA	AMRO	WHO Collaborating Centre for Occupational Health	SOLAR HORMAZABAL Orielle	Active <a href="#">Details</a>
USA-470	Centers of Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Prevention and Control of Malaria	BOSMAN Andrea	Active <a href="#">Details</a>
USA-471	Brigham and Women's Hospital	Boston	USA	AMRO	WHO Collaborating Centre on Integration Science and Service Delivery	XU Hongyi	Active <a href="#">Details</a>
USA-472	University of South Florida	Tampa	USA	AMRO	WHO Collaborating Center for Social Marketing and Social Change to Address Non-Communicable Diseases	NEDERVEEN Leendert Maarten	Active <a href="#">Details</a>
USA-473	University of Miami	Miami	USA	AMRO	WHO Collaborating Centre for Cervical Cancer Elimination	FREEMAN Richard Emil	Active <a href="#">Details</a>
USA-474	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Tobacco Surveillance	RILEY Leanne Margaret	Active <a href="#">Details</a>
USA-478	Emory University	Atlanta	USA	AMRO	WHO Collaborating Centre for Rehabilitation	DUTTINE Antony	Active <a href="#">Details</a>



[Home](#)

[Search](#)

[Reports](#)

[Portal](#)

Version 1.5

Search / List

Results 5 - 8 of 68

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status	
USA-479	University of New Mexico	Albuquerque	USA	AMRO	WHO Collaborating Centre for Digital Learning in Health Emergencies	UTUNEN Heini	Active	<a href="#">Details</a>
USA-480	University of Washington	Seattle	USA	AMRO	WHO Collaborating Centre for Mental Health Care Innovation and Implementation	GRAY Brandon	Active	<a href="#">Details</a>
USA-482	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaboration Centre for Research and Policy Guidance in Humanitarian Health Assistance	ZARUL AZHAM Zarul Aiman	Active	<a href="#">Details</a>
USA-485	Johns Hopkins University	Baltimore	USA	AMRO	WHO Collaborating Centre for emergency, critical and operative care	WALLIS Lee	Active	<a href="#">Details</a>
USA-486	Columbia University College of Physicians and Surgeons	New York	USA	AMRO	WHO Collaborating Centre for Capacity Building and Training in Global Mental Health	GRAY Brandon	Active	<a href="#">Details</a>
USA-118	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Surveillance, Epidemiology & Control of Influenza	ZHANG Wenqing	Active	<a href="#">Details</a>
USA-126	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Smallpox and Other Poxvirus Infections	LEWIS Rosamund F.	Active	<a href="#">Details</a>
USA-130	Centers for Disease Control and Prevention (CDC)	Atlanta	USA	AMRO	WHO Collaborating Centre for Reference and Research on Rabies	ABELA Bernadette	Active	<a href="#">Details</a>

[1](#) [2](#) [3](#) [4](#) [5](#)

**Title of the centre:**  
**WHO Collaborating Centre for Biological Standardization**

**Director / Head:**  
Dr. Peter Marks [Peter.Marks@fda.hhs.gov](mailto:Peter.Marks@fda.hhs.gov)  
Dr. Gopa Raychaudhuri [Gopa.Raychaudhuri@fda.hhs.gov](mailto:Gopa.Raychaudhuri@fda.hhs.gov)

**Institution:**  
Center for Biologics Evaluation and Research (CBER)  
Food and Drug Administration (FDA)

**Address:**  
10903 New Hampshire Avenue, Building 71 (HFM-2)  
20993  
MD

<b>Town:</b> Silver Spring	<b>Country:</b> USA	<b>Region:</b> AMRO
<b>Phone:</b> (1-240) 402 8000	<b>Fax:</b> (1-301) 595 1310	<b>Web Site:</b> <a href="http://www.fda.gov/vaccines-blood-biologics">http://www.fda.gov/vaccines-blood-biologics</a>

<b>Date of Designation:</b> 30/Apr/1998	<b>Last Redesignation:</b> 16/Feb/2024	<b>Expiry:</b> 16/Feb/2028
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**Terms of Reference:**

1. Provide technical expertise for WHO's consideration in establishing physical (reference) standards for biologicals (vaccines, blood, blood components and derivatives, relevant in vitro diagnostic tests, cellular and gene therapy products)
2. Support WHO by providing input towards establishing written standards for biologicals by providing technical expertise and advice
3. Support WHO in strengthening regulatory systems, promoting standardization, and enhancing oversight of biologicals

**Subjects:**

1. Biological
2. Vaccines
3. Blood Transfusion Safety and Blood Products

**Types of activity:**

1. Providing technical advice to WHO
2. Product development (guidelines; manual; methodologies; etc.)
3. Provision of reference substances and other services

**WHO Outputs:**

- 1.3.1 - Provision of authoritative guidance and standards on quality, safety and efficacy of health products, including through prequalification services, essential medicines and diagnostics lists
- 1.3.3 - Country and regional regulatory capacity strengthened, and supply of quality-assured and safe health products improved
- 1.3.4 - Research and development agenda defined and research coordinated in line with public health priorities

<b>Responsible Officer:</b> KNEZEVIC Ivana	<b>Phone:</b> +41 22 791 3136	<b>Email:</b> <a href="mailto:knezevici@who.int">knezevici@who.int</a>
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<b>Technical Counterpart:</b> POMBO-CASTRO Maria Luz	<b>Phone:</b> +1 43353	<b>Email:</b> <a href="mailto:pombomar@paho.org">pombomar@paho.org</a>
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**Outcome 8: Access to health technologies -**

- WHO CC on Digital Health and Precision Medicine for Tuberculosis ([USA-440](#))
- WHO CC for Traditional Medicine ([USA-407](#))
- WHO CC on Donation and Transplantation ([ARG-42](#))
- WHO CC for Quality Control of Serology in Blood Banks ([BRA-53](#))
- WHO CC in Pharmaceutical Policy ([USA-304](#))
- WHO CC for Pharmaceutical Policies ([BRA-56](#))
- WHO CC for Governance, Transparency and Accountability in the Pharmaceutical Sector ([CAN-82](#))
- WHO CC for Biological Standardization ([USA-289](#))
- WHO CC for Standardization and Evaluation of Biologicals ([CAN-94](#))
- WHO CC in Health Technology Assessment (HTA) ([ARG-33](#))
- WHO CC for the Regulation of Health Technologies ([CUB-26](#))
- WHO CC in Health Technology ([MEX-24](#))
- WHO CC for Health Technology Management ([USA-423](#))
- WHO CC for Knowledge Translation and Health Technology Assessment for Health Equity ([CAN-](#)

**Outcome 21: Data, information, knowledge, and evidence +**

**Outcome 22: Research, ethics, and innovation for health +**

**Outcome 23: Health emergencies preparedness and risk reduction +**

**Outcome 24: Epidemic and pandemic prevention and control +**

**Outcome 25: Health emergencies detection and response +**

**Outcome 26: Cross-cutting themes: equity, gender, ethnicity, and human rights +**

**Outcome 27: Leadership and governance +**

**Outcome 28: Management and administration +**



https://mission-statement.com/fda/#:~:text=FDA%20core%20values%20comprise%20"%20accountability%2C%20commitment%20to,the%20principles%20that%20guide%20the%2...



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# FDA (Food and Drug Administration) Mission and Vision Statements Analysis

FDA mission statement is “**protecting consumers and enhancing public health by maximizing compliance of FDA regulated products and minimizing risk associated with those products.**” This government body has a wide range of responsibilities and regulates different products as shown by the expanded mission statement. The statement shows that the FDA:

1. Improves health
2. Protects communities



# Vision Statement

FDA vision statement is “**all food is safe; all medical products are safe and effective; and the public health is advanced and protected.**” Just like the mission statement, the focus of this statement is on the safety of all products with an impact on public health. The statement by the FDA shows that the organization is responsible for:

1. **All foods**
2. **All medical products**

FDA (Food and Drug Administration) recognizes that food is a critical product whose unregulated manipulation can have potentially threatening consequences on the public. To protect the people, FDA conducts a comprehensive inspection of all related products to ensure the manufacturers comply with national safety and quality standards. Moreover, the organization is very cautious about drugs and medical products. It inspects all relevant players to avert any negative consequences to the public and maximize benefits instead.

# Core Values

FDA core values comprise “**accountability, commitment to the public health, communication, diversity & inclusion, integrity and respect, and quality.**” These are the principles that guide the practices at FDA.

This organization has a well-structured approach to its work, and this ensures that everyone is responsible for their actions, while at the same time encouraging the spirit of working together. FDA promotes seamless interaction within its workforce and with its clients by stimulating professional communication and honesty at all levels. Doing so leads to commitment and maintenance of higher standards.



WHO Collaborating Centres  
Global database

Search / List

Results 1 - 15 of 28

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status	
CAN-37	Canadian Food Inspection Agency	Ottawa	CANADA	AMRO	WHO Collaborating Centre for Control and Epidemiology of Rabies in Carnivores	ABELA Bernadette	Active	<a href="#">Details</a>
CAN-39	McMaster University	Hamilton	CANADA	AMRO	WHO Collaborating Centre in Primary Care Nursing and Health Human Resources	DIAZ DE VALLE Yohana	Active	<a href="#">Details</a>
CAN-43	Canadian Centre for Occupational Health & Safety (CCOHS)	Hamilton	CANADA	AMRO	WHO Collaborating Centre for Occupational Health and Safety	SOLAR HORMAZABAL Orielle	Pending	<a href="#">Details</a>
CAN-56	University of Sherbrooke	Sherbrooke	CANADA	AMRO	WHO Collaborating Centre on Health Science Education and Practice	PUERTAS DONOSO Eduardo Benjamin	Active	<a href="#">Details</a>
CAN-58	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
CAN-65	Dalhousie University	Halifax	CANADA	AMRO	WHO Collaborating Centre on Health Workforce Planning and Research	BOLASTIG Edwin Vicente Cinco	Active	<a href="#">Details</a>
CAN-72	McMaster University	Hamilton	CANADA	AMRO	WHO Collaborating Centre for Evidence-Informed Policy	KUCHENMÜLLER Tanja	Active	<a href="#">Details</a>
CAN-82	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre for Governance, Transparency and Accountability in the Pharmaceutical Sector	DIMANCESCO Deirdre	Active	<a href="#">Details</a>
CAN-84	University of British Columbia	Vancouver	CANADA	AMRO	WHO Collaborating Center in Occupational and Environmental Health	SOLAR HORMAZABAL Orielle	Active	<a href="#">Details</a>
CAN-87	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre for Nutrition Policy for Chronic Disease Prevention	NEDERVEEN Leendert Maarten	Active	<a href="#">Details</a>
CAN-92	Public Health Agency of Canada	Ottawa	CANADA	AMRO	WHO Collaborating Centre for Biosafety and Biosecurity	KOJIMA Kazunobu	Active	<a href="#">Details</a>
CAN-94	Health Canada	Ottawa	CANADA	AMRO	WHO Collaborating Center for Standardization and Evaluation of Biologicals	KNEZEVIC Ivana	Active	<a href="#">Details</a>
CAN-96	Université du Québec à Montréal	Montreal	CANADA	AMRO	WHO Collaborating Centre for Occupational and Environmental Health	SOLAR HORMAZABAL Orielle	Active	<a href="#">Details</a>
CAN-98	Université de Montréal	Montreal	CANADA	AMRO	WHO Collaborating Centre on Nutrition Changes and Development	DA SILVA GOMES Fabio	Active	<a href="#">Details</a>
CAN-101	McGill University	Montreal	CANADA	AMRO	WHO Collaborating Centre for tuberculosis research	FALZON Dennis	Active	<a href="#">Details</a>

Search / List

Results 2 - 13 of 28

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status
CAN-102	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre on Family Medicine and Primary Care	KHALID Faraz	Active <a href="#">Details</a>
CAN-106	YORK UNIVERSITY	Toronto	CANADA	AMRO	WHO Collaborating Centre on Global Governance of Antimicrobial Resistance	BALACHANDRAN Anand	Active <a href="#">Details</a>
CAN-108	Bruyere Research Institute	Ottawa	CANADA	AMRO	WHO Collaborating Centre for Knowledge Translation and Health Technology Assessment for Health Equity	LEMGRUBER PORTUGAL D OLIVEIRA Alexandre	Active <a href="#">Details</a>
CAN-110	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre on Health Promotion	CAMPOS ESTEBAN Maria Pilar	Active <a href="#">Details</a>
CAN-112	Canadian Institute of Health Information (CIHI)	Ottawa	CANADA	AMRO	WHO Collaborating Centre for WHO Family of International Classifications (WHOFIC)	KITA Maaya	Active <a href="#">Details</a>
CAN-113	University of Manitoba	Winnipeg	CANADA	AMRO	WHO Collaborating Center for Health Services and Systems Performance	O'NEILL Kathryn Patricia	Active <a href="#">Details</a>
CAN-114	University of Victoria	Victoria	CANADA	AMRO	WHO Collaborating Centre on Alcohol and Public Health Policy Research	OLIVEIRA E SOUZA Renato	Active <a href="#">Details</a>
CAN-115	Health Canada	Ottawa	CANADA	AMRO	WHO Collaborating Centre on Environmental Health	BROWN Richard John	Active <a href="#">Details</a>
CAN-116	University of Alberta	Edmonton	CANADA	AMRO	WHO Collaborating Centre on Children's Environmental Health	ONYON Lesley Jayne	Active <a href="#">Details</a>
CAN-120	University of Calgary	Calgary	CANADA	AMRO	WHO Collaborating Centre for the Prevention and Control of Noncommunicable Diseases in Humanitarian Settings and Chronic Kidney Disease	HEMMINGSSEN Bianca	Active <a href="#">Details</a>
CAN-121	Integrated University Health and Social Services Centre for the Western sector of the island of Montreal	Montreal	CANADA	AMRO	WHO Collaborating Centre for Research and Training in Mental Health	ELINGTON CAYETANO Gregoria Claudina	Active <a href="#">Details</a>
CAN-122	Centre for Addiction and Mental Health (CAMH)	Toronto	CANADA	AMRO	WHO Collaborating Centre for Addiction and Mental Health	FLEISCHMANN Alexandra	Active <a href="#">Details</a>
CAN-124	University of Ontario Institute of Technology	Oshawa	CANADA	AMRO	WHO Collaborating Centre on Rehabilitation and Musculoskeletal Health	DUTTINE Antony	Active <a href="#">Details</a>

**Ref.No. [Initiator]**  
**UNK-102 [Headquarters]** **Status**  
Active

**Title of the centre:**  
**WHO Collaborating Centre and International Laboratory for Biological Standards**

**Director / Head:**  
Dr Marc Bailey [marc.bailey@nibsc.org](mailto:marc.bailey@nibsc.org)

**Institution:**  
National Institute for Biological Standards and Control (NIBSC)  
Medicines and Healthcare Products Regulatory Agency (MHRA)

**Address:**  
Blanche Lane, South Mimms  
EN6 3QG  
Hertfordshire

**Town:** Potters Bar      **Country:** UK      **Region:** EURO

**Phone:** (44-1707) 64 14 00      **Fax:**      **Web Site:** <http://www.nibsc.org>

**Date of Designation:** 01/Jan/1954      **Last Redesignation:** 24/Jul/2021      **Expiry:** 24/Jul/2025

**Terms of Reference:**  
1. Under WHO's leadership, to support WHO in developing and distributing international standards & reference materials for quality control & assurance of clinically relevant biological materials, including products for the prevention, treatment & diagnosis of disease and to agree priorities with WHO in this area  
2. To conduct collaborative research, under WHO's leadership, to assure the quality of vaccines and biologicals  
3. Upon WHO's request, to provide technical input that may inform WHO when developing international written standards and guidelines for production and quality control of vaccines and biologicals  
4. Upon WHO's request, to contribute to the regional work to assure the quality and safety of vaccines and biologicals through the provision of support to strengthen capacities and technical assistance

**Subjects:**  
1. Biological  
2. Vaccines  
3. Blood Transfusion Safety and Blood Products

**Types of activity:**  
1. Provision of reference substances and other services  
2. Providing technical advice to WHO  
3. Product development (guidelines; manual; methodologies; etc.)

**WHO Outputs:**  
1.3.1 - Provision of authoritative guidance and standards on quality, safety and efficacy of health products, including through prequalification services, essential medicines and diagnostics lists  
1.3.3 - Country and regional regulatory capacity strengthened, and supply of quality-assured and safe health products improved

**Responsible Officer:** KNEZEVIC Ivana      **Phone:** +41 22 791 3136      **Email:** [knezevici@who.int](mailto:knezevici@who.int)

**Ref.No. [Initiator]**  
**AUS-42 [WPRO]** **Status**  
Active

**Title of the centre:**  
**WHO Collaborating Centre for the Quality Assurance of Vaccines and Other Biologicals**

**Director / Head:**  
Dr Lisa Kerr [lisa.kerr@health.gov.au](mailto:lisa.kerr@health.gov.au)  
Leisa Whitby [leisa.whitby@health.gov.au](mailto:leisa.whitby@health.gov.au)

**Institution:**  
Laboratories Branch, Immunobiology and Biochemistry Group  
Therapeutic Goods Administration (TGA)

**Address:**  
P.O. Box 100  
2606  
ACT

**Town:** Woden **Country:** AUSTRALIA **Region:** WPRO

**Phone:** (61-2) 6289 2132 **Fax:** (61-2) 6203 1605 **Web Site:** <http://www.tga.gov.au>

**Date of Designation:** 01/Feb/1983 **Last Redesignation:** 16/Aug/2022 **Expiry:** 16/Aug/2026

**Terms of Reference:**  
1. To support WHO by contributing to strengthening institutional capacity of regulatory authorities through the regional alliance frameworks, associated with vaccines & biological medicines  
2. To support WHO by providing technical advice which may inform its WHO's activities in the development of international written standards and guidance documents, and influenza vaccine virus selection  
3. Provide input to WHO that may inform its activities in international measurement standards and reference reagents for vaccines and biological medicines  
4. To support WHO by performing laboratory testing for the quality of vaccines and biologicals including in vitro diagnostics to support WHO in its work with Member States where there is no direct access to local laboratory services

**Subjects:**  
1. Vaccines  
2. Biological

**Types of activity:**  
1. Product development (guidelines; manual; methodologies; etc.)  
2. Research  
3. Standardization of terminology and nomenclature

**WHO Outputs:**  
1.3.3 - Country and regional regulatory capacity strengthened, and supply of quality-assured and safe health products improved  
1.3.1 - Provision of authoritative guidance and standards on quality, safety and efficacy of health products, including through prequalification services, essential medicines and diagnostics lists  
1.3.2 - Improved and more equitable access to health products through global market shaping and supporting countries to monitor and ensure efficient and transparent procurement and supply systems

**Responsible Officer:** SHIN Jinho **Phone:** +63 2 8 5289057 **Email:** [shinj@who.int](mailto:shinj@who.int)





## **Terms and conditions for WHO collaborating centres**

Version 2022

The following terms and conditions are agreed by the proposed institutions when submitting a proposal in eCC.

- 1. The general conditions of becoming a WHO collaborating centre**
- 2. Use of the WHO name, emblem and flag**
- 3. Intellectual property**
- 4. Interaction of WHO collaborating centres with industry and private sector in general**
- 5. Research**
- 6. Guideline development**
- 7. Other Conditions**

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Definitions and notes

Unless otherwise stated, for the purpose of this document,

- the term "institution" means the part (e.g. department, division, unit, etc.) of the institution (e.g. university, research institute, hospital or academy) or Government that is being proposed for re/designation. Example: Department of Microbiology of the University of ABC...

- the term "WHO CC" means the institution designated as a WHO collaborating centre while performing the agreed terms of reference and work plan with WHO (as opposed to the institution performing other activities



# WHO Collaboration Centres

## WHO Collaboration Centres

Terms and Conditions for WHO CC's Version 2022  
Funding / Intellectual Property

Declaration of Interests

*Annex B Code of Conduct for WHO Experts*

*"e. undertake to represent their views in a personal and individual capacity with the best interest of WHO in mind as opposed to representing the views of their employers, other institutions or governments."*



# WHO Collaboration Centres NETWORKS

## WHO Collaboration Centres NETWORKS

- 1) Traditional, Complementary and Integrative medicine
- 2) Radiation
- 3) Nursing and Midwifery
- 4) Bioethics
- 5) AMR Surveillance and Quality Assessment

<https://www.who.int/about/collaboration/collaborating-centres/networks>

## Nursing and Midwifery

The [Global Network of WHO Collaborating Centers for Nursing and Midwifery](#) is an independent, international, not-for-profit, voluntary organization comprising WHO collaborating centres across all six WHO Regions who are focused on nursing and midwifery development. The mission of Global Network of WHOCCs for Nursing and Midwifery is to promote Health For All populations through the collaboration, communication, and cohesion of the nursing and midwifery global community and its partners. The primary goals of the this network are to 1) Promote health for all through collaboration, communication, and strategic partnership, 2) Promote global human resources for health development through the provision of key resources and communications, 3) Advocate for the nursing and midwifery role, leadership, and contribution to the WHO Health For All platforms.

The Global Network of WHO collaborating centres for Nursing and Midwifery has a communications strategy to engage global network members, partners, and other nursing and midwifery leaders in global health news, opportunities, events, and resources. There is a separate social media strategy and a quarterly magazine that delivers a comprehensive overview of WHOCCs for Nursing and Midwifery Global Network regional updates, news, achievements, and upcoming opportunities. An annual report is compiled every year to deliver a comprehensive overview of achievements and updates by the Global Network, partner organizations, and individual Collaborating Centers.

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## Bioethics

The [Global Network of WHO Collaborating Centres for Bioethics](#) was established in 2009.

Consisting of 13 member institutions (as of 2022) from all WHO Regions, the Network represents an essential resource in support of the WHO's capacity to implement its health ethics mandate which relates to one of WHO's core functions, namely "Articulating ethical and evidence-based policy options" (WHO's 13th Global Programme of Work). The Network focuses its collaborative activities in a number of key domains including, but not limited to: public health ethics, research ethics, and clinical ethics. WHO is committed to the development of CCs for Bioethics in low- and middle income countries and encourages active partnership between CCs in high- and low resource settings. The Secretariat of the Network is housed by WHO's Health Ethics & Governance Unit (contact: [ct\\_ethics@who.int](mailto:ct_ethics@who.int)).

Search / List

Results 1 - 15 of 92

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status
FIN-19	Nursing Research Foundation	Helsinki	FINLAND	EURO	WHO Collaborating Centre for Nursing	LANGINS Margrieta	Active <a href="#">Details</a>
JPN-45	National Centre for Global Health and Medicine (NCGM)	Tokyo	JAPAN	WPRO	WHO Collaborating Centre for Health Systems Development	ZAKOJI Masahiro	Active <a href="#">Details</a>
USA-193	University of Illinois Chicago	Chicago	USA	AMRO	WHO Collaborating Centre for International Nursing Development in Primary Health Care	PUERTAS DONOSO Eduardo Benjamin	Active <a href="#">Details</a>
KOR-16	Yonsei University	Seoul	REPUBLIC OF KOREA	WPRO	WHO Collaborating Centre for Research and Training for Nursing Development in Primary Health Care	AKIMOTO Midori	Active <a href="#">Details</a>
USA-206	University of Pennsylvania	Philadelphia	USA	AMRO	WHO Collaborating Centre for Nursing and Midwifery Leadership	DIAZ DE VALLE Yohana	Active <a href="#">Details</a>
BRA-32	University of São Paulo	Ribeirao Preto	BRAZIL	AMRO	WHO Collaborating Centre for Nursing Research Development	BOLASTIG Edwin Vicente Cinco	Active <a href="#">Details</a>
PHL-13	University of the Philippines Manila	Manila	PHILIPPINES	WPRO	WHO Collaborating Centre for Leadership in Nursing Development	AKIMOTO Midori	Active <a href="#">Details</a>
JPN-58	St. Luke's International University	Tokyo	JAPAN	WPRO	WHO Collaborating Centre for Nursing Development in Primary Health Care	SHIBATA Ogusa	Active <a href="#">Details</a>
BAA-1	University of Bahrain (UOB)	Manama	BAHRAIN	EMRO	WHO Collaborating Centre for Nursing Development	GEDIK Fethiye Gulin	Active <a href="#">Details</a>
CAN-39	McMaster University	Hamilton	CANADA	AMRO	WHO Collaborating Centre in Primary Care Nursing and Health Human Resources	DIAZ DE VALLE Yohana	Active <a href="#">Details</a>
USA-241	University of Alabama at Birmingham (UAB)	Birmingham	USA	AMRO	WHO Collaborating Centre for International Nursing	DIAZ DE VALLE Yohana	Active <a href="#">Details</a>
UNK-160	Glasgow Caledonian University	Glasgow	UK	EURO	WHO Collaborating Centre for Nursing and Multidisciplinary Rehabilitation	LANGINS Margrieta	Active <a href="#">Details</a>
PAK-15	College of Physicians and Surgeons	Karachi 75500	PAKISTAN	EMRO	WHO Collaborating Centre for Research in Health Professional Education	GEDIK Fethiye Gulin	Active <a href="#">Details</a>
USA-272	Columbia University	New York	USA	AMRO	WHO Collaborating Centre for Advanced Practice Nursing	PUERTAS DONOSO Eduardo Benjamin	Active <a href="#">Details</a>
SUD-10	University of Gezira	Wad Medani	SUDAN	EMRO	WHO Collaborating Centre for Health Professional Education	GEDIK Fethiye Gulin	Active <a href="#">Details</a>

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#)



# WHO Collaborating Centres Global database

### Search / List

Results 1 - 15 of 19

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status	
CAN-58	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
SWI-58	University of Zürich	Zurich	SWITZERLAND	EURO	WHO Collaborating Centre for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
USA-330	University of Miami	Miami	USA	AMRO	WHO Collaborating Centre in Ethics and Global Health Policy	REIS Andreas Alois	Active	<a href="#">Details</a>
IRE-8	National University of Ireland Galway	Galway	IRELAND	EURO	WHO Collaborating Centre for Health Promotion Research	BEN ABDELAZIZ Faten	Active	<a href="#">Details</a>
CAN-82	University of Toronto	Toronto	CANADA	AMRO	WHO Collaborating Centre for Governance, Transparency and Accountability in the Pharmaceutical Sector	DIMANCESCO Deirdre	Active	<a href="#">Details</a>
KOR-96	The Asian Institute of Bioethics and Health Law (AIBHL), Yonsei University	Seoul	REPUBLIC OF KOREA	WPRO	WHO Collaborating Centre for Health Law and Bioethics	HOWSE Genevieve	Active	<a href="#">Details</a>
DEU-131	LVR-Klinikum Düsseldorf - Kliniken der Heinrich-Heine-Universität	Düsseldorf	GERMANY	EURO	WHO Collaborating Centre on quality assurance and empowerment in mental health	LAZERI Ledia	Active	<a href="#">Details</a>
SIN-28	National University of Singapore	Singapore	SINGAPORE	WPRO	WHO Collaborating Centre for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
SOA-39	Stellenbosch University	TYGERBERG	SOUTH AFRICA	AFRO	WHO Collaborating Center for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
ARG-41	Facultad Latinoamericana de Ciencias Sociales (FLACSO)	Buenos Aires	ARGENTINA	AMRO	WHO Collaborating Centre for Bioethics	SAENZ BRESCIANI Carla	Active	<a href="#">Details</a>
PAK-25	SINDH INSTITUTE OF UROLOGY AND TRANSPLANTATION	KARACHI	PAKISTAN	EMRO	WHO Collaborating Centre for Bioethics	ALTAF Arshad	Active	<a href="#">Details</a>
CHI-21	Facultad de Medicina Clínica Alemana - Universidad del Desarrollo	Santiago de Chile	CHILE	AMRO	WHO Collaborating Center on Bioethics	SAENZ BRESCIANI Carla	Active	<a href="#">Details</a>
ISR-32	The Israeli Ministry of Health	Jerusalem	ISRAEL	EURO	WHO Collaborating Centre for Leadership and Governance in Nursing	LANGINS Margrieta	Active	<a href="#">Details</a>
IRA-50	Tehran University of Medical Sciences	TEHRAN	IRAN (ISLAMIC REP.)	EMRO	WHO Collaborating Center for Bioethics	ALTAF Arshad	Pending	<a href="#">Details</a>
LEB-10	American University of Beirut and Medical Center	Beirut	LEBANON	EMRO	WHO COLLABORATING CENTRE ON HEALTH ETHICS	ALTAF Arshad	Active	<a href="#">Details</a>

Search / List

Results 2 - 4 of 19

[Display all](#) [Display report](#)

Reference	Institution name	City	Country	Region	Title	WHO responsible officer	Status	
UNK-317	University of Oxford	Oxford	UK	EURO	WHO Collaborating Center for research information sharing, e-learning and capacity development	SATHIYAMOORTHY Vaseeharan	Active	<a href="#">Details</a>
NET-101	University Medical Center Utrecht	Utrecht	NETHERLANDS	EURO	WHO Collaborating Centre for Bioethics	REIS Andreas Alois	Active	<a href="#">Details</a>
POR-19	NOVA University of Lisbon	Lisboa	PORTUGAL	EURO	WHO Collaborating Center on Health Management	CHAOUALI Mafaten	Active	<a href="#">Details</a>
IRA-59	Tehran University of Medical Sciences	Tehran	IRAN (ISLAMIC REP.)	EMRO	WHO Collaborating Center for Bioethics	ALTAF Arshad	Active	<a href="#">Details</a>

[1](#) [2](#)

← Research Ethics Review Committee

**Summaries of research protocols: table 1**

Summaries of research protocols: table 1 next

Summaries of template and guidance documents

## List of research protocols approved or exempted by the WHO ad hoc Ethics Review Committee for COVID-19 and Templates and Guidance Documents

In May 2020, the WHO established a branch of the WHO Research Ethics Review Committee dedicated to reviewing research related to COVID-19.

The list of protocols approved or exempted by this *ad hoc* committee (Table 1) is provided to ensure that member states and partners can easily determine which COVID-19 related studies under local consideration have been approved or exempted by the WHO ERC and which have been closed or discontinued. WHO ERC approval or exemption does not replace the need for submission to and review by the appropriate local authorities in the country where the research will take place. The list of protocols approved or exempted by the standing WHO Research Ethics Review Committee will be provided separately.

Summaries of the research for new protocol submissions and any summaries submitted retrospectively are posted here.

Table 2 lists WHO template and guidance documents for which the COVID-19 ERC branch has provided advice. These documents support countries and institutions in developing site-specific research studies. These templates or guidance documents are not considered research and, therefore, are not reviewed formally by the WHO ERC.

### Table 1: Protocols approved/exempted by the WHO ad hoc ERC for COVID-19

New as of 06.01.2023





## About us

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WHO Collaborating Centres for Bioethics (CCs) are key institutions with relevant expertise distributed throughout the world. They represent a valuable resource as an extended and integral arm of WHO's capacity to implement its ethics mandate.

The scientific validity of WHO's work on ethics is enhanced by ongoing collaboration and dialogue with academic centres. In this respect, WHO encourages connections and synergies between its CCs to achieve enhanced results, to facilitate resource mobilization and to strengthen (institutional) capacity, in particular at regional level.

WHO is committed to the development of CCs for Bioethics in low and middle income countries and encourages active partnership between CCs in high- and low resource settings. The Global Network of WHO Collaborating Centres for Bioethics has been created to advance these aims.

### Chair

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#### **Professor Nikola Biller-Andorno**

Prof. Dr. med. Dr. phil. Nikola Biller-Andorno, MHBA, trained as a physician and specialized in biomedical ethics.

mobilization and to strengthen (institutional) capacity, in particular at regional level.

WHO is committed to the development of CCs for Bioethics in low and middle income countries and encourages active partnership between CCs in high- and low resource settings. The Global Network of WHO Collaborating Centres for Bioethics has been created to advance these aims.

## Members

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[Joint Center for Bioethics, University of Toronto, Canada](#)

[Asian Institute for Bioethics and Health Law, Yonsei University, South Korea](#)

[Bioethics and Health Humanities, Department Global Public Health and Bioethics, Julius Center UMC Utrecht](#)

[Centre for Human Bioethics, Monash University, Australia](#)

[Centre for Medical Ethics & Law, Stellenbosch University, South Africa](#)

[Centre of Biomedical Ethics and Culture, SIUT, Karachi, Pakistan](#)

[Centro de Bioética, Universidad del Desarrollo, Santiago de Chile, Chile](#)

[ICMR Bioethics Unit, National Centre for Disease Informatics and Research \(NCDIR\), Indian Council of Medical Research, Bangalore, India](#)

[Institute for Bioethics and Health Policy, Miller School of Medicine, University of Miami, United States](#)

[Medical Ethics and History of Medicine Research Center, Tehran University of Medical Sciences, Iran](#)

[National University of Singapore \(NUS\): Centre for Biomedical Ethics \(CBmE\), Singapore](#)

[Programme of Bioethics at the Facultad Latinoamericana de Ciencias Sociales \(FLACSO\), Buenos Aires, Argentina](#)

[University of Zurich - Institute of Biomedical Ethics and History of Medicine, Switzerland](#)

**Ref.No. [Initiator]**  
**AUS-116 [Headquarters]** **Status**  
Discontinued

**Title of the centre:**  
**WHO Collaborating Centre for Bioethics**

**Director / Head:**  
Dr. Zeb Jamrozik [zeb.jamrozik@gmail.com](mailto:zeb.jamrozik@gmail.com)

**Institution:**  
Monash Bioethics Centre  
Monash University

**Address:**  
Wellington Road  
3800  
Victoria

**Town:**  
Clayton

**Country:**  
AUSTRALIA

**Region:**  
WPRO

**Phone:**  
+61 (0)3 99024847

**Fax:**

**Web Site:**  
<http://artsonline.monash.edu.au/bioethics/>

**Date of Designation:**  
21/Jul/2014

**Last Redesignation:**  
21/Jul/2018

**Date of Discontinuation:**

**Terms of Reference:**  
1. To collaborate in specific research projects under WHO leadership in the field of bioethics, public health ethics, and research ethics;  
2. To assist WHO in developing materials for educational purposes in bioethics, public health ethics, and research ethics;  
3. At the request of WHO, to collaborate with WHO and academic institutions, in particular in the Western Pacific Region, for training activities in bioethics, public health ethics, and research ethics for both researchers and ethics review committee members;  
4. To contribute to networking with other collaborating centers, institutional partners and experts.

**Subjects:**  
1. Ethics  
2. Health equity  
3. Health legislation and human rights

**Types of activity:**  
1. Product development (guidelines; manual; methodologies; etc.)  
2. Providing technical advice to WHO  
3. Organization of events (e.g. conferences; summits)

**WHO Outputs:**  
4.4.4 - Policy options, tools and technical support provided to promote and increase research capacity on health and address ethical issues in public health and research

**Responsible Officer:**  
REIS Andreas Alois

**Phone:**  
+41 22 791 3932

**Email:**  
[reisa@who.int](mailto:reisa@who.int)



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WHO partners with a variety of governmental and non-governmental actors to respond to challenges across the Region. Developing strong partnerships allows us to leverage the strengths of a range of global health players to bring better health to the people of the Region.

WHO's partners have diverse backgrounds. They include Member States, United Nations agencies, international organizations, non-state actors, and individuals.

Non-state actors play an increasingly important role in global health. They include non-governmental organizations, private sector entities, philanthropic foundations, and academic institutions. WHO continually seeks to strengthen its engagement with non-state actors, while protecting its work from potential risks such as conflict of interest, reputational risks, and undue influence. Additionally, WHO may grant "official relations" status to those non-state actors that have had and continue to have a sustained and systematic engagement in the interest of the Organization.

WHO's engagement with this group is governed by the Framework of Engagement with non-State Actors (FENSA), endorsed during the 69th session of the World Health Assembly.

[Learn more](#)

## Global partnerships

[Learn more](#)



### Second WHO Western Pacific Region Partners' Forum

30 June–2 July 2021



# MONASH RNA

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## MONASH RNA

Monash is home to Australia's largest network of RNA and mRNA researchers. We're building an RNA ecosystem that will lead to the rapid development of life-saving vaccines and therapeutic treatments.



**65+ mRNA world-leading researchers**



**Spanning 5 faculties from Australia's largest University**



**11 technology platforms linked to mRNA research**



**Australia's most advanced COVID-19 mRNA vaccine entering clinical trials**



## Some of the Active Australian WHO Collaboration Centres

- 1) AHPRA for Health Workforce Regulation
- 2) TGA for the Quality Assurance of Vaccines and Other Biologicals
- 3) TGA for Medicines Quality Assurance

**Australian WHO  
Collaboration  
Centres**





# Code of Ethics

← Ethics

**Code of Ethics**

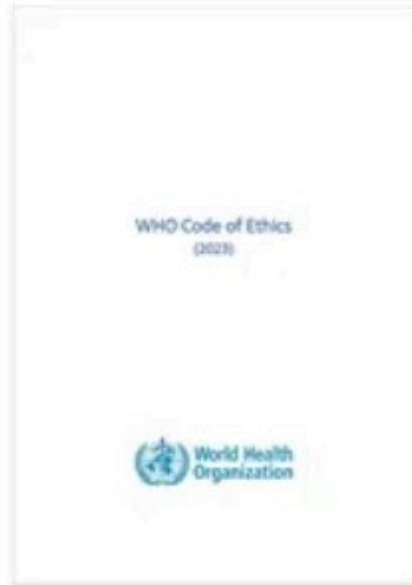
Preventing and addressing retaliation

Code of Conduct for responsible research

Declarations of interest

Integrity hotline

Code of Conduct at WHO events



FEATURED MEETING REPORT | 13 SEPTEMBER 2023

## WHO Code of Ethics

The WHO Code of Ethics ("Code") describes the ethical standards of conduct expected from all WHO personnel at all times. The Code aims to promote, enhance, and sustain an enabling and ethical environment leading to trust, transparency, and respect across...

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# GLOBAL OUTBREAK ALERT AND RESPONSE NETWORK

Provides international public health resources to control outbreaks and public health emergencies across the globe.







## GOARN Centres

# GOARN Centres Global Outbreak Alert Response Network 326 Worldwide

*A “WHO network of over 250 technical institutions and networks globally that respond to acute public health events with the deployment of staff and resources to affected countries. Coordinated by an Operational Support Team based at the WHO headquarters in Geneva and governed by a Steering committee, we aim to deliver rapid and effective support to prevent and control infectious diseases outbreaks and public health emergencies when requested.”*

<https://goarn.who.int/>



## About GOARN

We are a WHO network of over 250 technical institutions and networks globally that respond to acute public health events with the deployment of staff and resources to affected countries. Coordinated by an Operational Support Team based at the WHO headquarters in Geneva and governed by a Steering committee, we aim to deliver rapid and effective support to prevent and control infectious diseases outbreaks and public health emergencies when requested.

### GOARN Steering Committee

The Steering Committee (SCOM) of the Global outbreak alert and response network (GOARN) is a representative body of 21 partner institutions that oversee the planning, implementation and evaluation of the Network activities and strategic goals. The Committee fulfills the following functions:

- approving and monitoring the implementation of the Network's work plan
- approving the terms of reference and monitoring the activities of Technical Working Groups and Standing Sub-Committees

### GOARN Operational Support Team

The GOARN Operational support team (OST) is based at the World Health Organization in Geneva, Switzerland and in various WHO Regional Offices supporting outbreak response at the regional level. The OST facilitates the day to day running of the network and coordinates outbreak response missions, network activities and communications for the Network. You can reach the Operational support team for...



Search partners

United States of America (the) X



Name	Country
APEC Emerging Infections Network (EINET)	United States of America (the)
Applied Epi	United States of America (the)
Armed Forces Health Surveillance Branch (AFHSB)	United States of America (the)
Association of Public Health Laboratories (APHL)	United States of America (the)
Boston University (BU) Center for Emerging Infectious Diseases Policy and Research (CEID)	United States of America (the)
Center for Infection and Immunity, Mailman School of Public Health of Columbia University	United States of America (the)
Centers for Disease Control and Prevention (CDC)	United States of America (the)
Chan Zuckerberg Biohub	United States of America (the)
Emory Eye Center	United States of America (the)
Global Virus Network	United States of America (the)



Name	Country
Harvard Humanitarian Initiative (HHI)	United States of America (the)
International Epidemiological Association (IEA)	United States of America (the)
International Rescue Committee (IRC)	United States of America (the)
Johns Hopkins University	United States of America (the)
mWater	United States of America (the)
New England Complex Systems Institute (NECSI)	United States of America (the)
One Health Commission	United States of America (the)
One Health Institute, University of California, Davis	United States of America (the)
Pacific Disaster Center (PDC)	United States of America (the)
Partners In Health (PIH)	United States of America (the)



Name	Country
PATH	United States of America (the)
ProMED	United States of America (the)
Relief International	United States of America (the)
Resolve to Save Lives	United States of America (the)
Samaritan's Purse International Relief	United States of America (the)
Training Programmes in Epidemiology and Public Health Interventions Network (TEPHINET)	United States of America (the)
Tulane School of Public Health and Tropical Medicine	United States of America (the)
U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID)	United States of America (the)
United Nations Children's Fund (UNICEF)	United States of America (the)
University of Nebraska Medical Center (UNMC)	United States of America (the)



## Partner Institutions

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Name	Country
University of Texas Medical Branch (UTMB)	United States of America (the)
US Agency for International Development (USAID) - Outbreak Response Team (ORT)	United States of America (the)



# ABOUT US

About GOARN

**Partner institutions**

Steering committee

GOARN founding and governance

## Partner Institutions

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Canada



**Name**

**Country**

Public Health Agency of Canada (PHAC)

Canada

First



**1**



Last

1 - 1 of 1 items



# GOARN Centres

## GOARN Centres Global Outbreak Alert Response Network Australia has 25 of 326 world wide

- 1) Hunter New England Health
- 2) Clinical Excellence Commission NSW Health
- 3) University of Newcastle
- 4) Westmead Hospital
- 5) CSIRO
- 6) Burnet Institute for Medical Research and Public Health







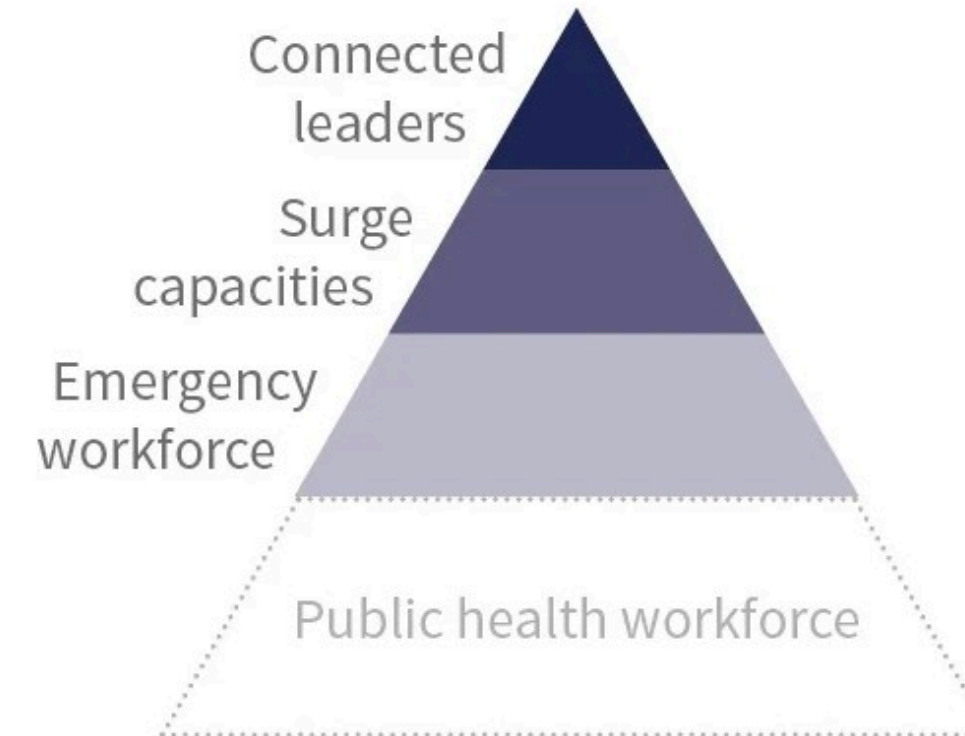
# Global Health Emergency Corps

Credits +

The COVID-19 pandemic showed that the world is ill-equipped to counteract a new, significant threat to human lives and economies. While decisions on national responses will always be retained by each country, the pandemic underscored that no nation can protect itself through individual action alone.

The vision of Global Health Emergency Corps (GHEC) is a health emergency workforce centred in countries and coordinated regionally and globally, composed of:

- Connected health emergency leaders
- Health emergency surge capacities
- Health emergency workforce



GHEC is a **framework** for enhancing health emergency workforce capacity within health emergency prevention, preparedness, response and resilience (HEPR) work, and a **collaboration platform** for countries and health emergency networks.

Many initiatives are already vital pillars of the GHEC as they bring together partners and countries, and contribute to the common vision:

- [Emergency Medical Teams initiative \(EMT\)](#)
- [Global Outbreak Alert and Response Network \(GOARN\)](#)
- [International Association of National Public Health Institutes \(IANPHI\)](#)
- [Public Health Emergency Operations Center Network \(EOC-NET\)](#)
- [Training Programs in Epidemiology and Public Health Interventions Network \(TEPHINET\)](#)
- [Standby Partnership network \(SBP\)](#)
- [Global Health Cluster](#)

At the regional level, efforts are underway to adapt the concept and platform of the health emergency corps to each context.



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## WHO GHEC

# WHO GHEC Global Health Emergency Corps

- *The vision of Global Health Emergency Corps (GHEC) is a health emergency workforce centred in countries and coordinated regionally and globally, comprised of*
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  - *Health emergency surge capacities*
  - *Health emergency workforce*
- *GHEC is a framework for enhancing health emergency workforce capacity within health emergency prevention, preparedness, response and resilience (HEPR) work, and a collaboration platform for countries and health emergency networks.”*



## WHO GHEC Pillars

# WHO GHEC Global Health Emergency Corps

- *“Initiatives that are Vital Pillars of the GHEC as they bring together partners and countries, and contribute to the common vision”.*
  - *Emergency Medical Teams initiative (EMT)*
  - *Global Outbreak Alert and Response Network (GOARN)*
  - *International Association of National Public Health Institutes (IANPHI)*
  - *Public Health Emergency Operations Center Network (EOC-NET)*
  - *Training Programs in Epidemiology and Public Health Interventions Network (TEPHINET)*
  - *Standby Partnership network (SBP)*
  - *Global Health Cluster*
- *At the regional level, efforts are underway to adapt the concept and platform of the health emergency corps to each context.”*



# WHO and partners activate Global Health Emergency Corps for the first time in response to mpox outbreak

العربية Español

29 October 2024 | News release | Geneva, Switzerland | Reading time: 3 min (695 words)

In October 2024, WHO and partners, in collaboration with Member States, activated the [Global Health Emergency Corps \(GHEC\)](#) for the first time to provide support to countries facing mpox outbreaks.

GHEC is a grouping of professionals with the objective of strengthening the response to health emergencies, and a collaboration platform for countries and health emergency networks. It supports countries on their health emergency workforce, the surge deployment of experts and the networking of technical leaders. GHEC was established by WHO in 2023 after the response to the COVID-19 pandemic revealed the need to streamline efforts of existing networks to ensure better-coordinated support to countries.

“WHO and partners are supporting the government of the Democratic Republic of the Congo and other countries to implement an integrated approach to case detection, contact tracing, targeted vaccination, clinical and home care, infection prevention and control, community engagement and mobilization, and specialized logistical support,” said Dr Mike Ryan, Executive Director of WHO’s Health Emergencies Programme. “The GHEC enhances the ability of the many effective responders at national and regional levels to collaborate and ensure the success on the ground in interrupting transmission and reducing suffering.”

The first activation of this new support mechanism follows the declaration of mpox as a public health emergency of international concern by WHO Director-General Dr Tedros Adhanom Ghebreyesus on 14 August 2024. Eighteen African countries have reported mpox cases this year, and the rapid spread of clade 1b mpox to at least two other regions has raised concerns about further spread.

## Media Contacts



### WHO Media Team

World Health Organization  
Email: [mediainquiries@who.int](mailto:mediainquiries@who.int)

## Related

[Global Health Emergency Corps \(GHEC\)](#) >

[Mpox outbreak](#) >

[WHO's work on mpox](#) >

What can you do?

So many of these WHO CC's are public institutions.

Investigate to see if your Country has a WHO Country Cooperation Strategy.

Investigate and download your countries WHO Collaborating Centres and their Terms of Reference

Investigate your Countries WHO GOARN Centres

Learn about the GHEC program and how it is being implemented in your Country

**Investigate your  
WHO CC's in  
your Country  
and Region**





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## References

[All 537 Australian Councils to Receive DNA Contamination report \(substack.com\)](#)

[BREAKING: Australian Prime Minister put on Notice of significant DNA contamination in Covid-19 "Vaccines". \(substack.com\)](#)

Country Cooperation Strategy

<https://www.who.int/countries/country-cooperation-strategies#:~:text=The%20Country%20Cooperation%20Strategy%20%28CCS%29%20is%20WHO%E2%80%99s%20medium-term,WHO%20and%20the%20country%20to%20work%20together%20on.>

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Go to regions, select your region  
And enter country and type is cooperation strategy



## References

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Please reach out  
if you would like  
a hand

# Thank You

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