

# IHR COUNTRY CAPACITY ASSESSMENT, MONITORING, EVALUATION AND PLANNING UPDATE

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The calendar of missions and activities is available at: <https://extranet.who.int/sph>

## I. NATIONAL PLANNING

For information on National Action Plan for Health Security (NAPHS), please visit the following web page on the Strategic Partnership Portal for IHR and Health Security:

<https://extranet.who.int/sph/country-planning>.

NAPHS guidance and resources can be found at: <https://www.who.int/ihr/procedures/health-security-national-action-plan/en/>.

Completed NAPHS are available at: <https://extranet.who.int/sph/publications>.

### National planning completed to date: 68 Countries

- **2020 (2 workshop):** Malawi (17-19 February), **NEW** Botswana (16-20 March)
- **2019 (20 countries):** Bahrain, Bhutan (February 25 – March 1), Democratic Republic of the Congo (May 13-17), Djibouti (4-7 Aug), Guinea (April 15 – 19), Iraq (March 18-20), Oman, Rwanda (May 6-10), Thailand, Timor-Leste (June 26-28), Tunisia (April 22-24), United Arab Emirates (February 3-6), Viet Nam, Zimbabwe (February 18-22), Zambia (March 4-8), Eswatini (19 – 23 August), Niger (19 – 23 August), Lesotho (9 – 13 September), South Sudan (16-20 September), Bangladesh (November 3-4)
- **2018 (28 countries):** Afghanistan (September 18-20), Australia (December), Benin (April 24-27), Burkina Faso (October 08-12), Burundi (December 3-7), Cameroon (December 10-14), Chad (April 16-20), China, Comoros (September 03-07), Côte d'Ivoire (March 20-22), Egypt (November 27-29), Ethiopia (April 30-May 02), Ghana (June 18-22), Indonesia (July 23-27), Kenya (July 23-27), Kuwait (September 23-25), Libya (July 14-16), Malaysia, Maldives (January), Mauritania (March 5-9), Nigeria (July 23-27), Qatar (October 21-24), Somalia (August 26-28), South Africa (September 25-27), Sri Lanka (March 20-22), Sudan (August 12-14), *United Republic of Tanzania (Zanzibar) (June 18-22)*, United States of America (October)
- **2017 (16 countries):** Cambodia (October), Eritrea (April 04-08), Finland (November 07-08), Jordan (October 29-November 2), Kingdom of Saudi Arabia (December 10-14), Lao People's Democratic Republic (November), Lebanon (July 25-28), Liberia (November 27-30), Mongolia (December), Morocco (June 19-23), Mozambique (October 11-13), Myanmar (September 11-15), Namibia (October 31 - November 02), Senegal (September 12-14), Sierra Leone, (November 07-10), Uganda (October 10-13)
- **2016 (2 countries):** Pakistan (December 01-04), United Republic of Tanzania (November 14-18)

**NAPHS available on the Strategic Partnership Portal:** Australia, Benin, Eritrea, Liberia, Myanmar, Nigeria, Sierra Leone, Sri Lanka, Uganda, United Republic of Tanzania, United States of America.

**Next scheduled mission(s):** Syria (Q1 2020)

**National planning ongoing and in the pipeline: 11 countries**

REGION	COUNTRY	DATES*		STATUS
AFRO	Central African Republic	2020	TBC	Ongoing
AFRO	Congo, Republic of	2020	TBC	Ongoing
AFRO	Gambia	2020	TBC	Ongoing
AFRO	Mali	2020	TBC	Ongoing
AFRO	Seychelles	2020	TBC	Ongoing
AFRO	South Africa	2020	TBC	Ongoing
EMRO	Syria	2020	Q1 2020	Ongoing
SEARO	India	2020	TBC	Ongoing
WPRO	Marshall Islands	2020	TBC	Ongoing
WPRO	Palau	2020	TBC	Ongoing
WPRO	Papua New Guinea	2020	TBC	Ongoing

\*Confirmed dates associated with WHO technical support to national action planning for health security.

## II. VOLUNTARY MONITORING AND EVALUATION

The IHR Monitoring and Evaluation Framework outlines the various mechanisms for monitoring capacities required under the IHR and underscores the mutual accountability, transparency, experience sharing and dialogue between Member States and WHO which contributes to global health security. The items below indicate the plans for implementing the voluntary components of the Framework. The voluntary components of the Framework include joint external evaluations, simulation exercises and after action reviews.

### A. JOINT EXTERNAL EVALUATIONS

Supporting documents to facilitate the orientation of the JEE process to stakeholders and support JEE implementation have been under development to accompany the updates to the JEE Tool second edition, which was published in January 2018. Supporting documents, previously available in English, are now available in French, Russian, and Spanish. Continue to check back on the links below for additional translations and updated documents.

The JEE Dashboard is available at: <https://extranet.who.int/sph/ihr-monitoring-evaluation>

JEE Tool and Resources are available at: <http://www.who.int/ihr/procedures/joint-external-evaluations/en/>

JEE Reports can be found at: <http://www.who.int/ihr/procedures/mission-reports/en/>

#### JEEs completed to date: 113 Countries

- **2019 (21 countries):** Angola (November 17-22), Argentina (August 19 – 30), Brunei Darussalam (October 28-1 November), Cabo Verde (November 3 – 8), Congo (March 10-15), Dominican Republic (September 15 – 21), Equatorial Guinea (December 8-13), Gabon (June 30 – July 5), Georgia (June 10-14), Germany (November 25-29), Guinea Bissau (July 7 – 12), Haiti (June 30 – July 5), Iraq (March 10-18), Malawi (February 11-15), Malaysia (20-25 October), Marshall Islands (September 23 – 27), Montenegro (May 27-31), North Macedonia

(March 11-15), Palau (July 29 – August 2), Sao Tome & Principe (May 12-17), Tajikistan (October 21-25)

- **2018 (24 countries):** Burundi (March 11-16), Canada (June 12-20), Central African Republic (November 25-30), Democratic Republic of the Congo (March 11-16), Djibouti (July 1-5), Egypt (30 Sept– 4 Oct), Federated States of Micronesia (August 13-17), Grenada (November 26-30), Japan (February 26-March 02), Kingdom of Eswatini (April 08-13), Libya (July 8-14), Lithuania (November 19-23), Mauritius (October 28 – November 2), New Zealand (November 26-30), Niger (July 15-20), Philippines (September 10-14), Republic of Moldova (October 1-5), Rwanda (May 14-18), Serbia (October 8-12), Seychelles (March 05-09), Singapore (April 16-20), Timor Leste (November 19-23), Togo (April 16-20), Zimbabwe (February 19-23).
- **2017 (40 countries):** Australia (November 24 – December 01), Belgium (June 19-23), Benin (May 22-26), Bhutan (December 11-15), Botswana (December 03-08), Burkina Faso (December 03-08), Cameroon (September 24-29), Chad (August 7-11), Comoros (August 20-25), Finland (March 27-31), Gambia (September 24-29), Ghana (February 6-10), Guinea (April 23-28), Indonesia (November 19-24), Kenya (February 27-March 3), Kuwait (14-18 May), Lao People’s Democratic Republic (February 17-24), Latvia (May 8-12), Lesotho (July 10-14), Liechtenstein (October 30 – November 03), Madagascar (July 10-14), Maldives (March 6-10), Mali (June 26-30), Mauritania (March 27-31), Mongolia (May 12-19), Myanmar (May 3-9), Nigeria (June 11-20), Oman (April 02-06), Republic of Korea (August 28- September 02), Saudi Arabia (March 12-16), Slovenia (June 5-9), South Africa (November 26 – December 01), South Sudan (October 15-20), Sri Lanka (June 19-23), Switzerland (October 30 – November 03), Thailand (June 26-30), Uganda (June 26-30), United Arab Emirates (March 19-23), *United Republic of Tanzania (Zanzibar) (April 23-28)*, Zambia (August 7-11).
- **2016 (28 countries):** Afghanistan (December 5-9), Albania (September 5-9), Armenia (August 15-19), Bahrain (September 4-8), Bangladesh (May 8-12), Belize (July 4-8), Cambodia (September 26 – October 3), Côte d'Ivoire (December 5-9), Eritrea (October 3-7), Ethiopia (February 29 – March 4), Jordan (August 28 – September 1), Kyrgyzstan (November 28 - December 2), Lebanon (July 11-15), Liberia (September 5-9), Morocco (June 20-24), Mozambique (April 18-22), Namibia (November 28 - December 2), Pakistan (April 26 - May 6), Qatar (May 29 - June 2), Senegal (November 28 - December 2), Sierra Leone (October 31 – November 4), Somalia (September 25-30), Sudan (October 9-13), Tunisia (November 28 - December 2), Turkmenistan (June 6-10), United Republic of Tanzania (February 22-26), United States of America (May 23-27), Viet Nam (November 1-6).

**GHSA pilot assessments: 6 missions**

- **2015:** Georgia (January 11-16), Peru (January 26-30), Portugal (April 12-17), Uganda (February 16-20), Ukraine (November 2-6), United Kingdom (June 15-19).

**Next scheduled JEE mission(s):** Syria (Q1 2020)

**JEE in the Pipeline: 10 Countries**

REGION	COUNTRY	DATES*	
EMRO	Syria	2020	Q1 2020
EMRO	Yemen	2020	TBC
EURO	Azerbaijan	2020	TBC
EURO	Bosnia and Herzegovina	2020	TBC
EURO	The Netherlands	2020	Q4
EURO	Ukraine	TBC	TBC

<b>EURO</b>	Sweden	2021	Q1
<b>SEARO</b>	Democratic People's Republic of Korea	2020	TBC
<b>SEARO</b>	Nepal	August 2020	TBC
<b>WPRO</b>	Papua New Guinea	2020	TBC

\* Provisional or confirmed dates for 2020

### Status of JEE reports:

96	Reports published
0	Reports in clearance
13	Reports under development

**Mission reports published on the WHO website:** Afghanistan, Albania, Armenia, Australia, Bahrain, Bangladesh, Belgium, Benin, Bhutan, Botswana, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Central African Republic, Chad, Comoros, Congo, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Eritrea, Ethiopia, Federated States of Micronesia, Finland, Gabon, Gambia, Georgia, Ghana, Guinea, Guinea Bissau, Indonesia, Iraq, Japan, Jordan, Kenya, Kingdom of Eswatini, Kuwait, Kyrgyzstan, Lao's Peoples Democratic Republic, Latvia, Lebanon, Lesotho, Liberia, Libya, Lithuania, Madagascar, Malawi, Maldives, Mali, Mauritania, Mauritius, Moldova, Mongolia, Morocco, Mozambique, Myanmar, Namibia, New Zealand, Niger, Nigeria, North Macedonia, Oman, Pakistan, Philippines, Qatar, , Republic of Korea, Rwanda, Sao Tome and Principe, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovenia, Somalia, South Africa, South Sudan, Sri Lanka, Sudan, Thailand, Timor Leste, Togo, Tunisia, Turkmenistan, Uganda, United Arab Emirates, United Republic of Tanzania, United Republic of Tanzania - Zanzibar, United States of America, Swiss Confederation and the Principality of Liechtenstein, Vietnam, Zambia and Zimbabwe.

## B. SIMULATION EXERCISES

For additional information on simulation exercises, please visit <https://www.who.int/ihr/procedures/simulation-exercise/en/>

### Simulation exercises completed to date: 128 exercises

- **2020 (6 exercise):** Morocco (MedipPIET-Mediterranean and Black Sea field epidemiology training programme MG TTX) (January 29), Kyrgyzstan- Kazakhstan Cross- border preparedness TTX (11-12 February), Ethiopia COVID19 SimEx (5-6 March), Tajikistan COVID-19 TTX (10-11 March), Denmark (international) healthcare facility IPC TTX (February 26 2020), **NEW** Namibia COVID19 Surveillance drill (25 March)
- **2019 (29 exercises):** Albania (Flood TTX) (July 20-23), Kyrgyzstan (May 13), Lebanon (Regional Exercise – Mass gathering) (March 28-30), Pakistan (January 30-31), Rwanda (January 8-11), Rwanda (EVD preparedness) (July 30 – Aug 2), Southeast Europe cross border preparedness TTX (July 11 – 12), Uganda (EVD preparedness) (11-12 April), United Republic of Tanzania & Kenya (EAC Cross border SimEx) (June 11-14), Ghana – RED Alert Field Exercise (July 18), Nigeria—Cholera (March 27-28), United Republic of Tanzania (EVD preparedness) (July 30 – August 6), Myanmar (EOC Pandemic Influenza) (August 8 – 9), South Sudan (EVD preparedness) (August 12-15), Kazakhstan Table-Top (August 27), Pakistan (mass gathering) (August 29-30), Egypt: Regional Office SimEx for IHR NFP Communication (September 23-26), Japan (G20 Health Ministers Exercise) (October 20), Cameroon (Multisectoral collaboration for zoonotic diseases) (October 28-29), Malawi (EVD Drill) (1 November), Bhutan (Airport POE exercise) (November 6-7), Inter-Agency coordination TTX (Deliberate use) (November 6-7), Azerbaijan (INSARAG SimEx) (November 4-8), South Sudan Inter-Agency SimEx (November 7),

Regional Functional IHR Exercise- Joint Assessment and Detection of Events (JADE) (November 19-22), Malaysia (November), WHO Regional Office SimEx for IHR NFP (Crystal) (December 4-5), AFRO Regional PHEOC Functional Exercise (December 4-5); Timor-Leste TTX on Avian Influenza Outbreak (December 13-14)

- **2018 (32 exercises):** Argentina G20 Health Minister Exercise (October 4), Cambodia, Laos & Vietnam (April 25-27), Chad (November 29), CivMil SimEx in Portugal (November 13), Democratic Republic of Congo (EVD SimEx) (June 28), Democratic Republic of Congo (EVD SimEx) (July 25), East African Community Regional SimEx (RVF) (September 4-5), Fraport ICAO Exercise (Germany) (November 7-8), GEOCX Validate Public Health Emergency Operation Centre functions (December 4-6), INFOSAN in SEARO<sup>1</sup> and WPRO<sup>2</sup> (November 27 & 28), Jordan (January 28-February 2), Kyrgyzstan (April 16-20), Kyrgyzstan (August 2-3), Liberia (November 28), Mongolia (October 30-31), Nigeria (March 11-17), APEC Simulation exercise in Papua New Guinea (September 18-19), Rwanda (EVD SimEx) (23 May), Senegal PHEOC SimEx (May 8-9), South Sudan (EVD SimEx) (August 13-15), Tajikistan (August 10-11), Tanzania (May 14), Tanzania (EVD SimEx) (Aug 13-17), Thailand (January 29), United Kingdom - SimEx on Poliovirus containment (September 13-14), West Bank and Gaza Strip (March 4-9), Zimbabwe (May 22-23), Joint EURO/ECDC Exercise on poliovirus containment breach preparedness and risk communication (October 22-25), WHO EMRO Regional exercise to test preparedness the capacity to respond to imported Ebola cases (December 13), WHO EURO Regional IHR Functional Exercise - Joint Assessment and Detection of Events (JADE) (November 13-15), WHO WPRO IHR Regional Office Exercise (December 3-7).
- **2017 (30 exercises):** Armenia (October 16-17), Cambodia (November 14-23 – 3 exercises), Cameroon (September 7-15), China, Egypt (21 November), Indonesia simulation exercise orientation (July 30 – Aug 4), Inter-Agency Committee on Radiological and Nuclear Emergencies, Hungary (June 21-22), Inter-Agency exercise in Uzbekistan (November 23-24), G20 countries (May 19-20), GHSA countries (October 24-26), ICMM meeting (October 25-26), Indonesia (September 18-20), Inter-Agency exercise in Georgia (August 21-22), Iraq (August 19-25), Lao PDR (March & 29-30 November), Mauritania (November 16-17), Mongolia (May 1-5 & September), Pakistan (September 18-22), Turkmenistan (March 26-31 – 2 exercises), Regional exercise in Tunisia<sup>3</sup> (July 11-13), SADC countries in South Africa (November 06-10), Uganda (January 25), Uganda (11 May), United Republic of Tanzania (March 30-31), Vietnam (May), WHO WPRO Regional Office exercise<sup>4</sup> (December 05-06)
- **2016 (31 exercises):** Burkina Faso (May 6 & Oct 26-27), Cambodia (November 23), Central African Republic (May 13), Chad (May 13), Côte d'Ivoire (Feb 3-5 & Nov 30), Democratic Republic of Congo (May 5), Gambia (Feb 5), Ghana (Sep 4-9, Sep 12-15, Oct 10-14 – 4 exercises in 4 regions), Guinea (Mar 17-23 & May 23-27), Guinea-Bissau (May), Indonesia (June 27-29), Lao PDR (March 22-24), Mali (May 5), Mauritania (December 16-17 – 2 exercises), Mongolia (June, July 19-25 & Aug), WHO WPRO Regional Office exercise<sup>5</sup> (December 8-9), Sierra Leone (Aug & Sep), Togo (Feb 10 & Sep 16), Turkmenistan (December 9) and Uganda (October 7).

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<sup>1</sup> The ECPs and IHR-NFPs in the following nine countries participated: Bangladesh, Bhutan, India, Indonesia, Maldives, Myanmar, Nepal, Sri Lanka & Thailand.

<sup>2</sup> The ECPs and IHR-NFPs in the following 13 countries participated: Brunei Darussalam, Cambodia, China, Hong Kong SAR (China), Japan, Lao PDR, Macau SAR (China), Malaysia, Mongolia, Philippines, Republic of Korea, Singapore & Viet Nam

<sup>3</sup> Participants included: Algeria, Egypt, Iraq, Jordan, Lebanon, Libya, Morocco and Tunisia

<sup>4</sup> Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Federated States of Micronesia, French Polynesia, Guam, Hong Kong SAR, Japan, Lao People's Democratic Republic, Macau SAR, Malaysia, Mongolia, Nauru, Marshall Islands, New Zealand, Niue, Palau, Papua New Guinea, Philippines, Republic of Korea, Samoa, Singapore, Solomon Islands, Tokelau, Tonga, Tuvalu, Viet Nam.

<sup>5</sup> Australia, Brunei Darussalam, Cambodia, China, Cook Islands, Fiji, Federated States of Micronesia, French Polynesia, Guam, Hong Kong SAR, Japan, Lao People's Democratic Republic, Macau SAR, Malaysia, Mongolia, Nauru, Marshall Islands, New Caledonia, New Zealand, Niue, Northern Mariana Islands, Palau, Philippines, Republic of Korea, Singapore, Solomon Islands, Tonga, Viet Nam.

## Next scheduled exercise(s): Romania (Q1 2020)

## Simulation exercises in the Pipeline: 8 exercises

REGION	COUNTRY	DATES	
AFRO	South Sudan-Uganda Regional cross border SimEx	2020	21-25 September
EMRO	Kuwait-Preparatory Level Disaster Management	2020	TBC
EURO	Romania EOC exercise	2020	Q1
EURO	Russia (Field Exercise), Mobile Laboratories	2020	September (TBC)
EURO	Regional EU Chem React 2 field exercise	2020	15-16 September
SEARO	Timor Leste COVID19 TTX & Drill	2020	April (TBC)
WPRO	Kuala Lumpur (Regional SimEx)	2020	TBC
WPRO	Cambodia WB Simex (TTX)	2020	TBC

*\*Simulation exercises are a routine practice conducted by States Parties. The listed activities are those where WHO has provided support and/or participated in.*

### C. AFTER ACTION REVIEWS

For additional information on after action reviews (AARs), please visit the following page on the Strategic Partnership Portal: <https://extranet.who.int/sph/after-action-review>

#### AARs completed to date<sup>1</sup>: 62 AARs

- **2019 (16 AARs):** Benin – Lassa Fever (May 27-31), Cabo Verde – Zika (February 25 – March 01), Ethiopia – Cholera (October 23-26), India – Nipah (January 14-18), Kyrgyzstan - Measles (May 15-17), Nigeria – Yellow Fever (June 17-21), Serbia – West Nile Fever (May 20-23), Senegal – Dengue Fever (June 11-15), Uganda EVD (August 28-30), Iceland – Food Borne (September 20), Sao Tome Principe – Cellulitis (September 30-October 04), Azerbaijan – Measles (October 16 – 18), Mozambique – Cyclones IDAI and Kenneth (November 4-8), Georgia – Measles (November 5-8), Zambia – Cholera (November 11-14), Myanmar – Influenza (December 5)
- **2018 (18 AARs):** Benin – Lassa Fever (July 17-20), Burkina Faso - Dengue (April 16-19), Burundi - Malaria (April 9-14), Cambodia—Methanol poisoning (July 18), Cape Verde (October 01-05), Chad - Hepatitis E (July 23-27), Iran – public health consequences of earthquake (August 18-19), Lao PDR – Flooding (December 19-20), Madagascar - Plague (July 2-6), Morocco - Brucellosis (January 23-26), Nigeria- Cholera (May 28-31), Nigeria – Lassa Fever (June 4-7), Nigeria – Monkey Pox (July 2-4), Nigeria – Cerebrospinal Meningitis (August 13-15), Pakistan- Dengue (May 14-16), Romania- Measles & West Nile Virus (March 12-15), Senegal -Dengue (March 5-9), Uganda - Marburg (March 5-9).
- **2017 (21 AARs):** Angola – Yellow fever (November 20-24), Benin – Lassa fever (July 10-14), Burkina Faso – Dengue (Feb 13-15), Cambodia – methanol poisoning (23 March), Cambodia – Trichinellosis (December 11-15), Central African Republic – Cholera (November 13-17), Iceland – Gastro intestinal illness (4 July), Laos PDR - Dengue (November), Laos PDR – Hepatitis A (25-27 December), Maldives - H1N1, Mauritania – Crimean Congo haemorrhagic

fever (September 18-22), Mozambique – Cholera (July 24-28), Myanmar – H1N1 (October 15), Namibia - Crimean Congo haemorrhagic fever (December 11-15), Netherlands – Polio (11 July), Niger – Rift Valley fever (November 20-24), Nigeria – Lassa fever (August 21-22), Sierra Leone – Landslide (September), Togo – Lassa fever and Meningitis (October 24-27), United Republic of Tanzania – Cholera (August 14-18), Viet Nam – Dengue (September-October).

- **2016 (7 AARs):** Cambodia - foodborne disease outbreak (15 March), Cambodia – Avian Influenza H5N1 (8 July), Lao PDR - Avian Influenza H5N1 (26-27 October), Lao PDR – cVDPV (25-29 Jan, 23 May-10 June and 15-19 August), Viet Nam – Zika Virus Disease (14 December).

**Next scheduled AAR:** Albania (Q1 TBC 2020)

**After Action Reviews in the Pipeline: 9 AARs**

REGION	COUNTRY	EVENT	DATES	
AFRO	Comoros	Cyclone IDAI	2020	TBC
AFRO	Democratic Republic of the Congo	EVD	2020	TBC
AFRO	Niger	Cholera	2020	TBC
AFRO	South Sudan	Yellow Fever	2020	TBC
AFRO	Lesotho	Measles	2020	TBC
EMRO	Pakistan	HIV	2020	TBC
SEARO	India	CCHF	2020	TBC
EURO	Albania	Earthquake	2020	Q1 TBC
EURO	Serbia	Measles	2020	TBC

*\*After Action Reviews are routine practice conducted by States Parties. The listed activities are those where WHO has provided support and/or participated in.*

### III. ONE HEALTH

#### A. HUMAN-ANIMAL INTERFACE: THE IHR-PVS NATIONAL BRIDGING WORKSHOPS

The IHR-PVS National Bridging Workshops (NBWs) bring together national representatives of the animal and human health services to share the outcomes of their respective assessment frameworks, conduct a self-evaluation of the coordination between the sectors and develop a road-map of corrective measures to strengthen their collaboration and coordination at the human-animal interface.

**IHR-PVS Bridging Workshops completed to date: 32 NBWs**

- **2020 (1 NBW):** Mali (February 19-21).
- **2019 (11 NBWs):** Armenia (May 15-17), Bangladesh (February 26-28), Benin (May 15-17), Moldova (June 26-28), Niger (April 16-19), Myanmar (September 9-12), North Macedonia (September 11-13), Serbia (Oct 30-Nov 1), Belize (November 19-21), Nigeria (December 9-11), Georgia (December 10-12).
- **2018 (11 NBWs):** Albania (December 5-7), Bhutan (March 12-15), Chad (Oct 30 – Nov 1), Ethiopia (May 29-31), Guinea (July 17-19), Kazakhstan (November 21-23), Kyrgyzstan (October 2-4), Liberia (November 26-30), Mauritania (December 18-20), Morocco (January 22-26), Sierra Leone (July 31 - August 2).

- **2017 (6 NBWs):** Indonesia (August 21-24), Jordan (October 30-31), Pakistan (May 9-11), Senegal (November 14-16), Uganda (September 25-27), United Republic of Tanzania (October 16-18).
- **NBW pilots (3 NBWs):** Azerbaijan (2013, March 13-14), Costa Rica (2016, March 8-10), Thailand (2014, March 26-27).

**Next scheduled IHR-PVS National Bridging Workshop:** Kenya (July 21-23)

#### **IHR-PVS Bridging Workshops in Pipeline: 8 NBWs**

REGION	COUNTRY	DATES	
AFRO	Cameroon	2020	TBC
AFRO	Ghana	2020	TBC
AFRO	Kenya	2020	July 21-23
EURO	Tajikistan	2020	TBC
EURO	Uzbekistan	2020	TBC
SEARO	Sri Lanka	2020	TBC
SEARO	Timor-Leste	2020	TBC
WPRO	Philippines	2020	TBC

## **B. TRIPARTITE OPERATIONAL TOOLS: JOINT RISK ASSESSMENT**

The FAO-OIE-WHO (Tripartite) guidance document “Taking a Multisectoral, One Health Approach: A Tripartite Guide to Addressing Zoonotic Diseases in Countries” (also referred to as the Tripartite Zoonoses Guide/TZG) is NOW AVAILABLE for use by countries to support national implementation of multisectoral, One Health approaches and can be found here <https://extranet.who.int/sph/docs/file/3448>. Versions in the other UN languages will be available soon.

Tripartite Operational Tools are currently in development to support practical implementation of the TZG.

To date, the draft Joint Risk Assessment (JRA) Operational Tool is available for piloting. JRA Pilot workshops focus on one or more specific priority zoonotic disease hazards and bring together expertise from all relevant sectors. National data are used to estimate risk and propose options for management and risk communication.

More information on the JRA Operational Tool is available at <https://extranet.who.int/sph/docs/file/3526>

#### **JRA Pilot Workshops completed to date\*: 16 JRAs**

- **2020 (1 pilot):** Tunisia TOT for North African Countries (28-30 January)
- **2019 (14 pilots):** Viet Nam (February 20-22), Panama (February 25- March 01), United Republic of Tanzania (March 25-29), Pakistan (April 15-18), Senegal (May 7-10), Georgia (July 2-5), Ethiopia (July 17-19), Ghana (July 23-26), Rwanda (30 July – 2 Aug), Kenya (13 – 16 August), Afghanistan (August 25-28), Cote d'Ivoire (November 11-14), Cameroon (November 19 – 22), Uganda (December 2-6).



- **2018 (1 pilot):** Indonesia (March 13-16)

**Next scheduled JRA Pilot workshop:** Liberia (April 2020)

#### **Pilot Workshops in Pipeline: 19 JRAs**

REGION	COUNTRY	DATES	
AFRO	Benin	2020	TBC
AFRO	Burkina Faso	2020	May
AFRO	Chad	2020	TBC
AFRO	Democratic Republic of Congo	2020	August
AFRO	Guinea	2020	July
AFRO	Liberia	2020	April
AFRO	Mali	2020	May
AFRO	Mauritania	2020	TBC
AFRO	Niger	2020	TBC
AFRO	Nigeria	2020	TBC
AFRO	Sierra Leone	2020	11-15 May
AFRO	South Sudan	2020	TBC
EMRO	Egypt	2020	TBC
EMRO	Iran	2020	TBC
EMRO	Sudan	2020	TBC
EMRO	UAE	2020	TBC
EMRO	<b>NEW</b> Kingdom of Saudi Arabia	2020	TBC
SEARO	Myanmar	2020	TBC
SEARO	Thailand	2020	7-10 July

*\*The listed countries are those for which the WHO, FAO, and/or OIE has provided financial or technical support to the activity.*

## **IV. OPERATIONAL READINESS**

### **A. RISK PROFILING**

Strategic Risk Assessments are undertaken before an event occurs. A strategic risk assessment is used to guide risk-informed programming that will catalyse action to prevent, prepare for, and reduce the level of risk associated with a particular hazard and its consequences on health. Actions that stem from a strategic risk assessment can include the prioritisation of limited resources, in-depth capacity and vulnerability assessments, development of emergency response and contingency plans, and the implementation of preparedness and risk mitigation activities.

The purpose of the Strategic Tool for Assessing Risks (STAR) is to engage multisectoral stakeholders around a risk assessment developed for health sector planning; to provide a systematic, transparent and evidence-based approach to identify and classify priority hazards by level of risk and; for each

hazard, to define the level of national preparedness and readiness required to mitigate health consequences.

**Risk analyses done or risk profiling workshops completed to date: 64 workshops**

- **2020 (2 workshop):** Malawi (20-22 February), Serbia (25-27 February)
- **2019 (15 workshops):** Armenia (April 4-5), Azerbaijan (April 29-30), Georgia (March 14-15), Namibia (June 10-14), Ukraine (July 9-10), Eritrea (22-29 June), Niger (September 9 – 13), Albania (September 10-12), Gabon (September 23-27), Republic of Moldova (sub-national level) (September 30 – October 4), Kosovo<sup>1</sup> (October 23 – 25), Kazakhstan (November 12-14), Jordan (December 8-10), Sweden (November 25-26), Botswana (November 18-22)
- **2018 (19 workshops):** Bahrain (February 27-29), Burundi (October 29 – November 2), Iran (August 15-16), Kenya (October 22-26), Kingdom of Eswatini (December 5-9), Kuwait (September 26-27), Kyrgyzstan (July 02-06), Eastern Mediterranean WHO Risk Profile (February 27-28), Lesotho (May 28-June 1), Liberia (November 11-17), Republic of Moldova (December 13-14), Morocco (November 11-14), Nigeria Public Health Risk Assessment (February), Nigeria (July 9-13), Somalia (August 29-30), Sudan (August 15-16), Tunisia (September 20-21), United Republic of Tanzania (Zanzibar) (August 13-17), Zambia (May 21-25).
- **2017 (7 workshops):** Benin (October 11-14), Cape Verde (June 26-30), Comoros (July 24-28), Côte d'Ivoire (May 22-25), Guinea (October 30 – November 03), Mozambique (October 23-27), South Sudan (July 2-6).
- **2016 (21 workshops):** Benin, Burkina Faso, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of Congo, Ethiopia, Gambia, Ghana, Guinea Bissau, Liberia, Malawi, Mali, Mauritania, Niger, Senegal, Sierra Leone, Togo, Uganda, United Republic of Tanzania.

**Next scheduled workshop(s):** Uzbekistan (April 2020)

**Risk profiling workshops in Pipeline: 6 workshops**

REGION	COUNTRY	DATES	
AFRO	Algeria	2020	TBC
AFRO	Rwanda	2020	TBC
AFRO	Sao Tome and Principe	2020	TBC
AFRO	Zimbabwe	2020	TBC
EURO	Bosnia and Herzegovina	2020	TBC
EURO	Uzbekistan	2020	5-11 April

<sup>1</sup>All references to Kosovo in this document should be understood to be in the context of United Nation Security Council resolution 1244 (1999).

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