

# 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 additional information on national planning, please visit the following web page on the Strategic Partnership Portal for IHR and Health Security: <https://extranet.who.int/sph/country-planning>

NAPHS for all: a 3-step strategic framework for national action plan for health security:

<https://www.who.int/ihr/publications/WHO-WHE-CPI-2018.52/en/>

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

### National planning completed to date: 56 Countries

- **2019 (11 countries):** Bahrain, Bhutan (February 25 – March 1), **NEW** Guinea (April 15 – 19), Iraq (March 18-20), Oman, **NEW** Rwanda (May 6-10), Thailand, Tunisia (April 22-24), United Arab Emirates (February 3-6), Zimbabwe (February 18-22), Zambia (March 4-8)
- **2018 (27 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, Eritrea, Liberia, Myanmar, Nigeria, Sri Lanka, United Republic of Tanzania, United States of America.

**Next scheduled mission(s):** Democratic Republic of the Congo (May 13-17) & Serbia (May 13-15)

### National Planning ongoing and in the pipeline: 20 countries

REGION	COUNTRY	DATES*		STATUS
AFRO	Botswana	2019	TBC	Ongoing
AFRO	Democratic Republic of the Congo	2019	May 13-17	Ongoing

AFRO	Eswatini	2019	TBC	Ongoing
AFRO	Gambia	2019	TBC	Ongoing
AFRO	Lesotho	2019	TBC	Ongoing
AFRO	Niger	2019	TBC	Ongoing
AFRO	Seychelles	2019	TBC	Ongoing
AFRO	South Sudan	2019	TBC	Ongoing
EMRO	Djibouti	2019	TBC	Ongoing
EURO	Albania	2019	NA	Ongoing
EURO	Armenia	2019	NA	Ongoing
EURO	Kazakhstan	2019	TBC	Ongoing
EURO	Kyrgyzstan	2019	NA	Ongoing
EURO	Serbia	2019	May 13-15	Ongoing
EURO	Turkmenistan	2019	NA	Ongoing
SEARO	Bangladesh	2019	May	Ongoing
SEARO	<b>NEW</b> India	2019	TBC	Ongoing
SEARO	Timor-Leste	2019	May 28-30	Ongoing
WPRO	Papua New Guinea	2019	TBC	Ongoing
WPRO	Viet Nam	2019	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: 95 Countries**

- **2019 (4 countries):** Congo (March 10-15), Iraq (March 10-18), Malawi (February 11-15), North Macedonia (March 11-15)
- **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 (39 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):** Sao Tome & Principe (May 12-17)

#### **JEE in the Pipeline: 21 Countries**

REGION	COUNTRY	DATES*	
AFRO	Algeria	2019	TBC
AFRO	Gabon	2019	June 17 - 21
AFRO	Guinea-Bissau	2019	July
AFRO	Sao Tome et Principe	2019	May 12-17
AMRO	Argentina	2019	August 19-30
AMRO	Dominican Republic	2019	July 28 – Aug 3

AMRO	Haiti	2019	June 30 – July 6
EMRO	Syria	2019	TBC
EMRO	Yemen	2019	TBC
EURO	Bosnia and Herzegovina	2019	TBC
EURO	Georgia	2019	June 10-14
EURO	Montenegro	2019	May 27-31
EURO	Tajikistan	2019	October
EURO	The Netherlands	2019	TBC
SEARO	Democratic People's Republic of Korea	2019	TBC
SEARO	Nepal	2019	June 9-14
WPRO	Brunei Darussalam	2019	28 Oct - 01 Nov
WPRO	Malaysia	2019	Q3
WPRO	Marshall Islands	2019	September 23-27
WPRO	Palau	2019	July 29 – August 2
WPRO	Papua New Guinea	2020	TBC

\* Provisional or confirmed dates for 2019/20

#### Status of JEE reports:

83	Reports published
6	Reports in clearance
6	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, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Eritrea, Ethiopia, Federated States of Micronesia, Finland, Gambia, Ghana, Guinea, Indonesia, Japan, Jordan, Kenya, Kingdom of Eswatini, Kuwait, Kyrgyzstan, Lao's Peoples Democratic Republic, Latvia, Lebanon, Lesotho, Liberia, Libya, Lithuania, Madagascar, Maldives, Mali, Mauritania, NEW Moldova, Mongolia, Morocco, Mozambique, Myanmar, Namibia, Niger, Nigeria, Oman, Pakistan, Qatar, Republic of Korea, Rwanda, Saudi Arabia, Senegal, NEW Serbia, Seychelles, Sierra Leone, Singapore, Slovenia, Somalia, South Africa, South Sudan, Sri Lanka, Sudan, Thailand, 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, Viet Nam and Zambia, 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: 99 exercises

- **2019 (4 exercises):** Lebanon (Regional Exercise – Mass gathering (March 28-30), Rwanda (January 8-11), Pakistan (January 30-31), Uganda (EVD preparedness) 11-12 April
- **2018 (31 exercises):** Argentina G20 Health Minister Exercise (October 4), Cambodia, Laos & Vietnam (April 25-27), 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) and 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 (31 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 (33 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).

**Next scheduled exercise(s):** Kyrgyzstan (May 13)

**Simulation exercises in the Pipeline: 19 exercises**

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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.*

REGION	COUNTRY	DATES	
AFRO	Angola (EVD preparedness)	2019	TBC
AFRO	Burundi (EVD preparedness)	2019	TBC
AFRO	Central African Republic (EVD preparedness)	2019	TBC
AFRO	Congo (EVD preparedness)	2019	TBC
AFRO	Rwanda (EVD preparedness)	2019	Q3-Q4
AFRO	South Sudan (EVD preparedness)	2019	TBC
AFRO	United Republic of Tanzania & Kenya (EAC Cross border SimEx)	2019	June 11-14
AFRO	United Republic of Tanzania (EVD preparedness)	2019	Q2 TBC
AFRO	Zambia (EVD preparedness)	2019	TBC
EMRO	Egypt: Regional Office SimEx for NFP Communication	2019	September 2-5
EMRO	Kuwait-Preparatory Level Disaster Management	2019	TBC
EMRO	Pakistan (mass gathering)	2019	TBC
EURO	Kazakhstan	2019	TBC
EURO	Kyrgyzstan	2019	May 13
EURO	Regional Functional Exercise- Joint Assessment and Detection of Events (JADE)	2019	November
EURO	Southeast Europe cross border preparedness TTX	2019	TBC
SEARO	Bhutan	2019	October 1-4
WPRO	Malaysia	2019	TBC
WPRO	WHO Regional Office	2019	December 4-5

*\*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>: 46 AARs

- **2019 (2 AARs):** India – Nipah (January 14-18), Cabo Verde (Zika) (February 25 – March 01)
- **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 (5 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:** Kyrgyzstan - Measles (May 15-17)

### After Action Reviews in the Pipeline: 11 AARs

REGION	COUNTRY	EVENT	DATES	
AFRO	Benin	Lassa Fever	2019	May 27-31
AFRO	Botswana	Diarrhoea in children	2019	TBC
AFRO	Democratic Republic of the Congo	Ebola	2019	TBC
AFRO	Niger	Cholera	2019	TBC
AFRO	Zambia	Cholera	2019	TBC
EMRO	Djibouti	Brucellosis	2019	TBC
EMRO	Kuwait	MERS	2019	Q2/3
EMRO	Oman	Dengue	2019	TBC
EMRO	Tunisia	Flooding	2019	TBC
EURO	NEW Azerbaijan	Measles	2019	June (TBC)
EURO	NEW Georgia	Measles	2019	June 10-15
EURO	Kyrgyzstan	Measles	2019	May 15-17
EURO	Serbia	West Nile Fever	2019	May 20-23

*\*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: 22 NBWs

- **2019 (2 NBW):** Bangladesh (February 26-28), Niger (April 16-19)
- **2018 (11 NBW):** 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:** Benin and Armenia (May 15-17)

#### **IHR-PVS Bridging Workshops in Pipeline: 13 NBWs**

REGION	COUNTRY	DATES	
AFRO	Benin	2019	May 15-17
AFRO	Cameroon	2019	June 10-13
AFRO	Ghana	2019	TBC
AFRO	Mali	2019	TBC
AFRO	Nigeria	2019	June 3-6
EURO	Armenia	2019	May 15-17
EURO	Moldova	2019	June 26-28
EURO	North Macedonia	2019	September 11-13
EURO	Serbia	2019	Oct 30 – Nov 1
EURO	Tajikistan	2019	TBC
EURO	Uzbekistan	2019	August 7-9
SEARO	Myanmar	2019	TBC
SEARO	Sri Lanka	2019	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) will shortly be available for use by countries to support national implementation of multisectoral, One Health approaches for a variety of topics and associated TZG Operational Tools.

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/sites/default/files/In-Page/JRA%20%20paper%20-%20WHO%20WHE%20CPI%20CME%202018.44.pdf>

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

- **2019 (5 pilots):** Pakistan (April 15-18), Panama (February 25- March 01), **NEW** Senegal (May 7-10), United Republic of Tanzania (March 25-29), Viet Nam (February 20-22)



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

**Next scheduled JRA Pilot workshop:**

**Pilot Workshops in Pipeline: 3 JRAs**

REGION	COUNTRY	DATES	
EURO	Georgia	2019	Q3
EMRO	Egypt	2019	TBC
SEARO	Thailand	2019	TBC

*\*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: 50 workshops**

- **2019 (3 workshops):** Armenia (April 4-5), Azerbaijan (April 29-30), Georgia (March 14-15)
- **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-June1), 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):** Niger & Namibia (June 10-14)

**Risk profiling workshops in Pipeline: 12 workshops**

REGION	COUNTRY	DATES	
AFRO	Algeria	2019	TBC
AFRO	Eritrea	2019	May 27-31
AFRO	Namibia	2019	June 10-14
AFRO	Niger	2019	June 10-14
AFRO	Sao Tome and Principe	2019	TBC
AFRO	Zimbabwe	2019	TBC
EMRO	Jordan	2019	June
EURO	Albania	2019	September
EURO	<b>NEW</b> Bosnia and Herzegovina	2019	TBC
EURO	Kazakhstan	2019	TBC
EURO	<b>NEW</b> Serbia	2019	TBC
EURO	<b>NEW</b> Ukraine	2019	July

*WHO would like to acknowledge the active participation of national experts from volunteering countries, the members of the international roster of experts, and the invaluable partnerships with governments including the governments of Finland, Germany, The United Kingdom and the United States; with other Intergovernmental organizations, particularly the Food and Agriculture Organization of the United Nations (FAO), the World Organisation for Animal Health (OIE) and the International Civil Aviation Organization (ICAO); many public health institutions such as the US Centers for Disease Control (CDC), the European CDC and Public Health England; private entities such as the Bill and Melinda Gates Foundation, Resolve to Save Lives and many other partners, including the members of the Global Health Security Agenda and of the JEE Alliance. WHO would like to acknowledge the continuing support and commitment of all of these to the implementation and principles of the International Health Regulations (2005).*