Country Health Emergency Preparedness and IHR (CPI)

Health Security and
The International Health Regulations (2005)

Training Catalogue
Introduction

In order for countries to meet the minimum public health capacities called for in the International Health Regulations (2005), it is critical to:

- increase the mass of professionals who share a common approach to the application of the IHR (2005) framework;
- ensure that IHR-specific issues are consistently and sustainably integrated into the existing and future learning programmes of the relevant professionals;
- support countries in taking ownership of learning on IHR issues, and in adapting approaches and materials based on their respective national contexts.

WHO has set up a comprehensive approach to learning on “Health Security under the IHR (2005) framework” geared at both individual and institutional levels. This approach relies on a “virtual learning environment” providing Member States with methods and tools that can be used in preparing current and upcoming generations of public health leaders and professionals across a variety of sectors.

In parallel, disease specific learning programmes are developed as needed, such as the Ebola virus disease trainings that were developed as part of the WHO outbreak response. This catalogue presents a compilation of learning programmes that are available. The materials continue to grow, along with the growing number of IHR (2005) stakeholders and partners that are committed to working with WHO to ensure global health security.
International Health Regulations (2005)

IHR Training Toolkit (11 modules)

The toolkit is a structured and comprehensive set of training resources to help IHR professionals design and facilitate training on the IHR. It is a flexible interactive web-based tool, built with a modular approach: specific training resources can be selected and used as they are, or tailored to fit countries’ particular contexts and specific needs.

<table>
<thead>
<tr>
<th>Audience</th>
<th>National and international organizations from a wide variety of sectors responsible for providing training on public health security under the IHR framework</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1 to 72 hours (modular)</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face, distance (eLearning), collaborative learning activities, self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Arabic</td>
</tr>
</tbody>
</table>
IHR Training Toolkit (11 modules)

Health security in the context of IHR (2005) (HIS)
This module introduces the concept of global public health security and highlight how the IHR, providing a unique legally binding framework to address international coordination to prevent, detect and respond to public health threats, constitute a key driver to strengthen global public health security.
**Duration:** 1 hour

International Health Regulations (LEG)
This module describes how the International Health regulations provide a legal framework to address international coordination to prevent, protect against and respond to public health threats.
**Duration:** 5h30

Intersectoral collaboration in the context of IHR (INC)
This module explains how collaboration and cooperation, including by state and non-state actors (i.e. international organizations networks, government sectors, NGOs, and the private sector...) is crucial to effectively prevent, detect and respond to public health events under the IHR implementation framework.
**Duration:** 5h30

National legislation (NLG)
This module explains why the IHR should be implemented in national legislations and how this can be done.
**Duration:** 2h30

National IHR Focal Point (NFP)
This module describes the role and functions of the National IHR Focal Point (NFP) as defined in the IHR, and to highlight the key challenges of effective functioning of the NFP.
**Duration:** 2h30

IHR and health systems (IHS)
This module describes the key components of a well-functioning health system, and to highlight strategic and operational interlinks of national health plans with national plans to meet IHR core capacities.
**Duration:** 2 hours
Planning, monitoring, evaluating IHR (PME)
This module describes how to build the capacity for strategic and operational planning of IHR implementation at the national level and in collaboration with WHO and other partners.
Duration: 3 hours

IHR core capacities (CAP)
This module highlights key aspects of the development, maintenance and monitoring of the core capacities required to implement the IHR in accordance with Annex 1 of the IHR (2005).
Duration: 1 hour

IHR implementation at the human-animal interface (HAI)
This module provides a basic understanding on both the legislative and technical components of the human-animal health interface to help participants identify how they relate to the IHR and supports their effective implementation.
Duration: 32 hours

IHR at Points of Entry (POE)
This module describes the key provisions and standard operational procedures for IHR implementation at ports, airports and ground crossings.
Duration: 3 hours

Emergency Risk Communication (ERC)
This module provides an overview or basic understanding of what risk communication is, under the IHR in the context of health emergencies. This module is designed as a comprehensive package, including four components: an introduction, core thematic modules, risk communication strategies and risk communication tools.
Duration: 12 hours
**IHR (2005) related online self-learning modules**

**Tutorial for Notification Assessment under the IHR (2005)**

The purpose of the tutorial on Annex 2 is to provide relevant personnel at the national level with an opportunity to practice using the Decision Instrument and benefit from the feedback from an expert panel. This tutorial is not intended to evaluate the performance of individual NFPs.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Staff at National Focal Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

**Introduction to IHR (2005)**

The purpose of the introductory course is to brief IHR National Focal Points and other interested professionals on the key elements of the revised International Health Regulations (IHR).

<table>
<thead>
<tr>
<th>Audience</th>
<th>National officers and other professional officers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1h30</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>Arabic, Chinese, English, French, Russian, Spanish, Portuguese</td>
</tr>
</tbody>
</table>

**IHR (2005) Briefing for WHO Country Offices**

The main goal of the course is to brief WHO staff in the countries on the key elements in the revised International Health Regulations (IHR) that are i) of particular relevance for WHO Country Offices, and ii) that relate to event management.

<table>
<thead>
<tr>
<th>Audience</th>
<th>WHO country office representatives and other WHO staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1 hour</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Spanish</td>
</tr>
</tbody>
</table>
IHR Monitoring and Evaluation Framework training

The purpose of the IHR Monitoring and Evaluation (IHR M&E) Framework training is to enable National IHR Focal points and relevant staff at country level to understand the IHR M&E framework post 2016. It includes familiarizing with its implementation principles, the steps and potential challenges in implementing the four IHR M&E components: Annual Reporting, After Action Review, Simulation Exercises and Joint External Evaluation.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Staff at National IHR Focal Points and other staff responsible for the M&amp;E of IHR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>2.5 days</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

Joint External Evaluation Team Leads training

The purpose of the Joint External Evaluation (JEE) Team Leads training is to equip learners with the competencies needed to effectively perform the JEE Team Lead role during three of the four phases of the JEE continuum, including (i) JEE Planning and Preparation, (ii) External Evaluation Team Visit, and (iii) JEE Reporting.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Current and future JEE Team Leads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1.5 day</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

IHR-PVS Pathway National Bridging Workshop

Country perspectives on IHR/PVS assessments and roadmap for better intersectoral collaboration among animal and human health sectors

The purpose of the IHR-PVS Pathway National Bridging Workshop is to identify synergies and gaps in the intersectoral collaboration using the outcomes and outputs from the assessments and gap analysis tools used in overseeing implementation of IHR (2005) and the OIE Performance of Veterinary Services (PVS) Pathway. The identified gaps can then be used by human and animal public health policy makers to propose concerted corrective measures and strategic investments in national roadmaps for strengthening preparedness for, control of and spread of microbes.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Human and veterinary public health officers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3 days</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English, Spanish</td>
</tr>
</tbody>
</table>
Ebola related online self-learning modules and training packages

PROTECT - Basic Occupational Health and Safety Pre-deployment training

This course is a basic introduction to staying safe in countries affected by the Ebola virus disease. In this course participants will learn about the Ebola virus in order to protect oneself; how to prevent spread of infection and to stay healthy. It also covers what need to be done if one feels sick.

<table>
<thead>
<tr>
<th>Audience</th>
<th>All categories of personnel deployed and working in a country with Ebola Virus disease.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>+/- 1 hour</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English, French</td>
</tr>
</tbody>
</table>

Safe community practices to protect against Ebola

The training package aims at providing information and skills to community leaders and members on how to protect themselves while caring for sick community members.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Community leaders and members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>5 hours</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

Ebola Event Management at Points of Entry

The module aims to train relevant personnel at the Points-of-Entry on how to conduct initial risk assessment and management of Ebola event at Points of Entry.

<table>
<thead>
<tr>
<th>Audience</th>
<th>relevant personnel of the National IHR Focal Points and all other State Party personnel participating in this decision-making process</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>+/- 1 hour</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Portuguese</td>
</tr>
</tbody>
</table>
Ebola exit screening at airports, ports and land crossings

This module aims at enabling states to prevent the introduction and spread of Ebola Virus Disease (EVD) in non-affected geographical areas by conducting exit screening and taking associated public health measures at points of entry in countries with Ebola transmission.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Professionals from National IHR Focal Points (NFPs), health authorities, staff working at points of entry (POE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>+/- 1h30</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

Ebola entry screening at airports, ports and land crossings

This module aims at enabling states to prevent the introduction and spread of Ebola Virus Disease (EVD) in non-affected geographical areas by conducting entry screening at points of entry and taking associated public health measures as necessary.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Professionals from National IHR Focal Points (NFPs), health authorities, staff working at points of entry (POE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>+/- 1h30</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>
Laboratory Quality Management System training toolkit

The training toolkit is intended to provide comprehensive materials that will allow the design and organization of training workshops for all stakeholders in health laboratory processes from management, to administration, to bench-work laboratorians.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Laboratory senior managers; laboratorians; quality managers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>32-40 hours</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Russian</td>
</tr>
</tbody>
</table>

Shippers' course on transport of infectious substances

The course aims to train and certify shippers of infectious substances on applicable international transport regulations.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Shippers of infectious diseases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>16-24 hours</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Spanish, Russian</td>
</tr>
</tbody>
</table>
Surveillance

Laboratory for Epidemiologists

The three main objectives of the module are to facilitate communication and understanding between epidemiologists and laboratory specialists; give to the field epidemiologists a better understanding of basic microbiology techniques and analysis of results; convey a laboratory perspective of public health investigations to field epidemiologists.

Self-learning training module on biostatistics

The main objective of the module is to introduce biostatistics through realistic cases and to acquire basic biostatistics skills that can be applied to work.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Medical and biomedical students, laboratory specialists and other professionals</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration</strong></td>
<td>2-40 hours (modular)</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Self-learning (CD-ROM)</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>English</td>
</tr>
</tbody>
</table>

Short training in epidemiological surveillance and response for health-care facility staff (in development)

The objectives of the training are to strengthen the capacity of health staff in detection and reporting of cases of disease/event, and to ensure the quality of data and biological samples. It is composed of ten modules.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Health staff working in health care facilities (health posts and centers, district hospitals) who have surveillance and response activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration</strong></td>
<td>4 days</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Face-to-Face</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>French</td>
</tr>
</tbody>
</table>
**Points of Entry**

**Ship Sanitation Inspection and Issuance of Ship Sanitation Certificate Training (SSI/ISSC) training toolkit**

The training toolkit purpose is to provide training to competent authorities involved in ship inspection to ensure consistency in the quality of ship inspections and issuance of ship sanitation certificates around the world.

<table>
<thead>
<tr>
<th><strong>Audience</strong></th>
<th>Ship inspectors working at ports that are authorized to issue Ship Sanitation Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration</strong></td>
<td>e-learning: 20 hours</td>
</tr>
<tr>
<td></td>
<td>face-to-face: 32 hours</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Face-to-face, distance (eLearning), self-learning</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>Arabic, French, English, Portuguese, Russian, Spanish</td>
</tr>
</tbody>
</table>
Preparedness

Training of Trainers package for Rapid Response Teams Training

The Training of Trainers (ToT) package for Rapid Response Teams (RRT) is a comprehensive set of ready-made training resources meant to provide to future training coordinators and facilitators the skills, materials and tools to plan, organize, deliver, evaluate a Rapid Response Teams training, using the RRT training package and adapting it to specific countries contexts, needs and constraints.

<table>
<thead>
<tr>
<th>Audience</th>
<th>National staff organizing, coordinating and facilitating RRT training in their country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>5 days</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English, French</td>
</tr>
</tbody>
</table>

National Rapid Response Team Training Package

The National RRT training package is a structured comprehensive collection of training resources and tools enabling relevant training institutions to organize, run and evaluate a face-to-face training for National Rapid Response Teams. Composed of various modules, this package is to be tailored to countries’ needs. It aims at reinforcing the capacity and skills of multidisciplinary Rapid Response Teams (RRT) and their individual members to early detect and effectively respond to a potential outbreak.

<table>
<thead>
<tr>
<th>Audience</th>
<th>National professionals (epidemiologists, clinicians, doctors, nurses, laboratory experts, communication officers, social mobilization experts / anthropologists, logisticians, psychosocial support experts, data managers, infection prevention and control (IPC) / Environmental experts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1 to 8 days (modular)</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, Arabic</td>
</tr>
</tbody>
</table>
Mass gathering face-to-face workshop
The aim of the workshop is to explore the public health risks, identify gaps and potential solutions for ensuring the necessary capacities are built and planning activities are carried out in preparation for mass gatherings. It also exposes the participants to challenges on the public health system of hosting a mass gathering that will help identify solutions towards preparedness and develop mass gathering plan.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Individuals who are in the position to influence public health strategies in preparation for the mass gatherings and will be responsible for the implementation of these strategies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>6 hours (4 days)</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face; On-site (field) training</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

E-Learning course on mass gatherings
The course aims at providing entry-level information on mass gatherings.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Health officials and local organizers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>1h30</td>
</tr>
<tr>
<td>Format</td>
<td>Distance (eLearning), self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
</tbody>
</table>

WHO Simulation Exercise Management Training Course
The purpose of this course is to train candidates in the WHO simulation methodology as outlined in the WHO Exercise Manual (2016), to be able to lead and support the planning, development and conduct of the appropriate simulation exercise. Successful candidates will be expected to promote simulation exercises and be part of simulation exercise management teams in their country and organization.

<table>
<thead>
<tr>
<th>Audience</th>
<th>WHO Staff, Ministry of Health Staff, National IHR focal points, Partners and any person charged with developing, conducting or evaluating public health exercises</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>3-5 days</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face, On-site (field) training, self-learning</td>
</tr>
<tr>
<td>Language</td>
<td>English, French</td>
</tr>
</tbody>
</table>
Coordination and Legislation

Implementation of IHR in national legislation workshop

The aim of the package is to support State Parties to prepare for and take forward the assessment and potential revision to existing/adoptions of new national legislation for IHR implementation.

<table>
<thead>
<tr>
<th>Audience</th>
<th>Legal officers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>16 – 24 hours (2-5 days)</td>
</tr>
<tr>
<td>Format</td>
<td>Face-to-face, on-site (field) training; workshop</td>
</tr>
<tr>
<td>Language</td>
<td>Arabic, English, French, Russian, interpretation in Arabic and Russian languages</td>
</tr>
</tbody>
</table>