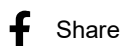


# Measles outbreak training


OpenWHO



All health workers deployed to measles outbreaks must complete the measles and rubella (MR) training to implement quality interventions and work safely and effectively in the field. This course provides the essential preparedness, detection, investigation, response, and recovery skills required to contain the measles outbreak.

*Photo credits: WHO / A. Reynolds*

 Self-paced

 Language: English

 Measles Rubella

[>> Enroll me for this course](#)

## Course information

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Measles and rubella (MR) training is essential to supporting the implementation of quality interventions to help countries achieve and maintain measles and rubella elimination. This training introduces participants to

WHO's recommended approaches to measles outbreaks.

**Course Duration:** Approximately 3 hours.

**Certificates:** A Confirmation of Participation will be issued to participants who **complete 100%** of the course content. A Record of Achievement will be issued to participants who receive **at least 80%** across all graded assessments. Participants who receive a Record of Achievement can also download an Open Badge for this course. [Click here to learn how.](#)

## What you'll learn

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- Describe measles disease and outbreak characteristics;;
- Explain the principles and components of measles outbreak preparedness that enable a rapid and effective response;
- Recognize the components of outbreak detection and confirmation process;
- Identify the components of measles outbreak investigation process;
- Recommend measles outbreak response strategies and processes;
- Implement strategies for improving health status of the outbreak-affected population, such as recovery structures coordination; recovery planning using best practices to improve vaccination coverage to close immunity gaps (focusing on zero-dose children) using the factors that contributed to the outbreak; and tools to support the recovery process.

## Course contents

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### Measles Outbreak Training: Introduction

#### Module 1: Measles disease and outbreak characteristics:

By the end of this module, you should be able to: identify measles disease and outbreak characteristics, such as measles scientific classification; clinical manifestations of measles; differential diagnosis of fever and rash; clinical course of measles; complications of measles; risk factors for measles; measles outbreak characteristics; and herd immunity thresholds.

#### Module 2: Preparedness:

By the end of this module, you should be able to: ensure systems are established to enable a rapid, effective response to measles outbreaks.

#### Module 3: Detection:

By the end of this module, you should be able to: detect and confirm measles cases to ensure proper case management and enable implementation of appropriate public health strategies to control further transmission.

#### Module 4: Investigation:

By the end of this module, you should be able to: determine the cause and extent of measles outbreaks; identify potential measles contacts to target those at particular risk of disease for intervention; determine the source of infection, including who infected the individual and whether the infection was imported, importation-related, or endemic; identify populations and areas with low coverage and at higher risk of outbreaks that require enhanced vaccination efforts; and determine the reason for each measles case.

## Module 5: Response:

By the end of this module, you should be able to: interrupt measles virus transmission; reduce measles morbidity, mortality, complications, and sequelae; and identify root causes so that immunity gaps and/or system weaknesses can be addressed to reduce the risk of future outbreaks.

## Module 6: Recovery:

By the end of this module, you should be able to: identify strategies for improving health status of the outbreak-affected population, such as recovery structures coordination; recovery planning using best practices to improve vaccination coverage to close immunity gaps (focusing on zero-dose children) using the factors that contributed to the outbreak; and tools to support the recovery process.

## Enroll me for this course

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The course is free. Just register for an account on OpenWHO and take the course!

[Enroll me now](#)

Learners enrolled:

**3200**

## Certificate Requirements

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- Gain a **Record of Achievement** by earning at least **80%** of the maximum number of points from all graded assignments.
- Gain a **Confirmation of Participation** by completing at least **100%** of the course material.

## About OpenWHO

OpenWHO aims to equip all frontline responders with the knowledge they need to better contain disease outbreaks and manage health emergencies. It also aims to foster discussions, feedback and sharing of expert knowledge on public health.

