

Module 1: Overview of Public Health Surveillance

Introduction

Public health surveillance is the ongoing systematic collection, collation, analysis and interpretation of health data for planning, decision-making, implementation, and evaluation of public health practices, and timely dissemination of information to relevant stakeholders. Surveillance aims to detect health risks as early as possible, and ensures that key stakeholders are made aware of, and receive pertinent information on the situation.

There are many public health events that go unnoticed in Africa. Strengthening countries' disease surveillance and response systems is central to improving public health security in each country and globally.

The aim of this module is to give a learner a highlight of the concept and types of surveillance, and early warning and response

This module contains the following sessions:

Session 1: Integrated Disease Surveillance and Response

Session 2: Epidemic Intelligence

Session 3: Early Warning and Response

Session 4: Event-based Surveillance and One Health

By the end of this module, you will be able to be able to:

- Understand the concept of Integrated Disease Surveillance
- Explain the relationship between IBS and EBS
- Explain the concept of Epidemic Intelligence
- Explain the concept of Early Warning and Response