
Integrated outbreak analytics (IOA) toolkit

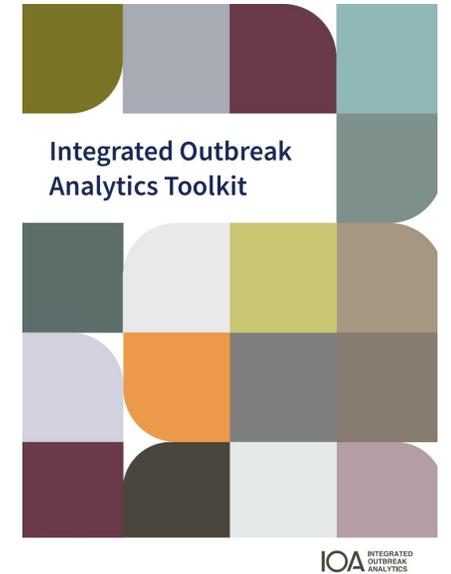
EPI-WIN Webinar

03 September 2025

The IOA toolkit

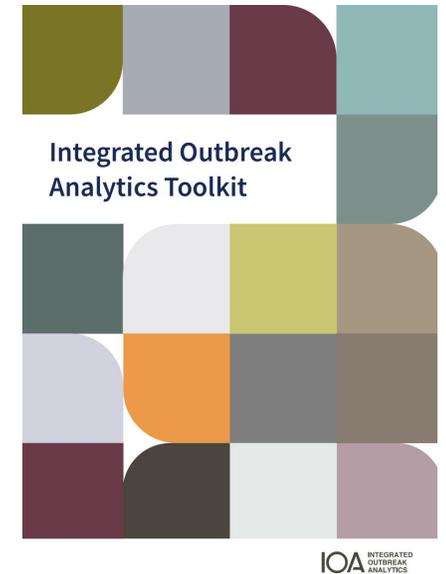
Development

- Support the **application of IOA principles** across various settings by organizations, countries, and communities.
- Based on the **initial experience from DRC**.
- **Consultation with and review by** entities experienced in IOA application.
- Builds upon an existing array of **tools, templates, reports, case studies, animations, and publications** used by stakeholders in diverse contexts.



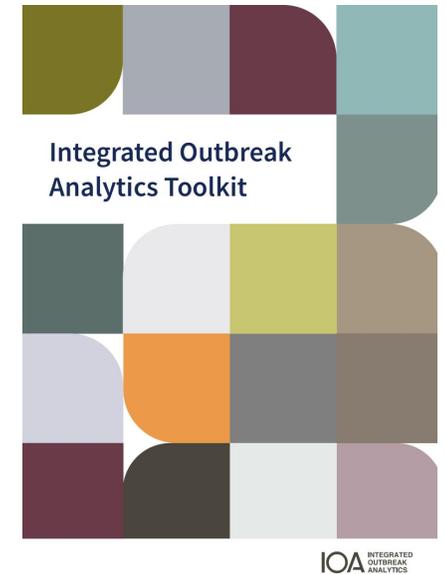
Objectives

- To provide **comprehensive understanding of IOA** and underscore the significance of an integrated, holistic approach in managing outbreak responses.
- To offer **step-by-step guidance** on the configuration and practical implementation of IOA.



Audience

- Groups involved in public health emergency response activities design and decision-making.
- National public health authorities, district and local level authorities, frontline responders and stakeholders including communities.



User-friendly design

- A didactical and user-friendly approach
- Overview
- Glossary
- Interactive chapter covers
- Navigation bar, tables, boxes, figures
- Examples and short exercises
- Option to download SOPs and templates

Template 4. Rapid protocol

[Title]

Introduction

Background

- [Briefly describe the public health emergency, key morbidities, epidemiological trends, what is known]
- [Briefly describe the location, context and security situation]

Objectives

- [Define the goals and what you aim to achieve through this Integrated Outbreak Analytics (IOA) investigation]
- [Indicate any secondary objectives]

Trigger question

- [Detail the specific question(s) that prompted this investigation]

Methods

Information sought

- [If this is a new study, indicate type of study e.g. observational, mixed methods, etc]
- [Specify the type of information needed]
- [Describe where and how the information can be obtained]
- [If personal data is being collected, indicate how this will be stored securely and analysed anonymously]
- [Estimate costs, resources needed and what each partner has agreed to support]

Collaborative analysis methodology

- [List the partners involved in the analysis and key responsibilities]
- [State the mode of collaboration e.g. will the analysis occur remotely or in a collective setting?]
- [Indicate the methodologies to be used for this analysis e.g. logistic regression, qualitative, etc.]

Results and dissemination

- [Give a timeline for the investigation and analysis]
- [Explain how the results will be used and the impact they aim to achieve]