

## List of Epiconcept Epidemiology Training Modules

Each year, EpiConcept conducts various trainings for public health professionals to equip them with the fundamentals of epidemiology, data analysis and scientific communication.

Our approach is based on a practical « learning by doing » method. This allows us to deliver training that is adapted to the issues encountered in real-world situations. Our courses are led by an experienced team of senior epidemiologists and bio-statisticians and whose goal is to improve the competence and autonomy of epidemiologists and health professionals.

To respond to partners' needs, for each course we review the specific learning objectives, content, case studies used, duration of the course.

You will find below the list of epidemiology trainings available. If you wish to receive more information about any of the trainings, please contact us at [formation@epiconcept.fr](mailto:formation@epiconcept.fr) or contact us by phone at +33 1.53.02.40.60

We invite you to visit our web site [www.epiconcept.fr](http://www.epiconcept.fr) for details on our company, its « savoir faire » and our other trainings.

### Scientific communications

Learn how to develop, step by step, a manuscript for publication from data already collected by the participants or from documents furnished by EpiConcept. The course focuses on how to structure a manuscript following a logical structure.

### Oral scientific presentation

Strengthen oral communication skills of participants in order to prepare for short scientific presentations in congresses (including efficient PowerPoint design and speech delivery).

Participants bring their own topic.

### Time series analysis

Strengthen participants' knowledge and skills related to the use of time series analysis in the context of surveillance of communicable disease.

This course can be organised using Stata or R.

## Multivariable analysis

Strengthen participants' knowledge and skills related to the use of use of multivariable analysis, with a focus on logistic regression in the context of investigation of outbreaks and related studies  
This course can be organised using Stata or R.

## Epidemiological tools for complex emergency situations

Prepare epidemiologists to contribute to the multidisciplinary and international response to complex emergencies, and to apply their epidemiological skills to serve public health interventions.

## Surveillance

Strengthen participants' knowledge and skills related to the design, set up, running and evaluation of epidemiological surveillance systems for communicable diseases (including presentations and discussion of surveillance systems set up by participants).

## Surveillance data analysis

Strengthen participants' knowledge and skills related to the analysis and interpretation of surveillance data.  
This course can be organised using Stata or R.

## Vaccinology

Using practical examples, understand and use concepts and tools used by epidemiologists when conducting surveillance of vaccine preventable diseases (VPD), and carrying out effectiveness, impact and safety studies.

## Analysing data to measure vaccine effectiveness

Using practical examples, understand study designs to measure the different effects of the vaccines, analyse data and interpret the results. Participants will analyse the data of a real vaccine effectiveness study. This course can be organised using Stata or R.

## Computer tools for outbreak investigations

Strengthen participants' knowledge and skills related to the use of software applications to investigate communicable disease outbreaks. This course can be organised using Stata, Epi-info, R.

## Principles of outbreak investigations

Understand methodological and operational aspects of outbreak investigations.

## Mobile Data Collection

Using the open source applications of Open Data Kit, replace your paper questionnaires with electronic forms on smartphones or tablets for in-field data collection.

## "A la carte" Training

EpiConcept can organise "à la carte" training responding to specific requests from constituted groups of participants and develop new training material.