

To Download Materials

Most of the listed materials can be downloaded free-of-charge from the DESCDC *Training Resources* page at www.cdc.gov/descd/materials.html.

For More Information

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Training Resources

For Epidemiology and Surveillance
Capacity Development



SAFER • HEALTHIER • PEOPLE



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
COORDINATING OFFICE FOR GLOBAL HEALTH
DIVISION OF EPIDEMIOLOGY AND SURVEILLANCE CAPACITY DEVELOPMENT

OVERVIEW: Division of Epidemiology and Surveillance Capacity Development

Since 1980, the Division of Epidemiology and Surveillance Capacity Development (DESCD), Coordinating Office for Global Health, U.S. Centers for Disease Control and Prevention (CDC) has helped build numerous Field Epidemiology Training Programs on six continents.

As part of its work, DESCDC develops training materials and other tools, such as disease surveillance guidelines, and adapts suitable materials from other CDC sources. Following is a list of training materials that are available on the Internet or can be obtained by contacting the division.

Training Program Tools

Field Epidemiology Training Program Core Curriculum

This curriculum provides guidelines to help public health professionals who develop and manage Field Epidemiology Training Programs. Public health workers can compare the suggested competencies with the priorities of their organization to plan and implement the program.

FETP Development Handbook

This handbook provides guidance to Field Epidemiology Training Programs in assessment, planning, and implementation; curriculum development and training; administration; and monitoring and evaluation.

The handbook gives countries interested in developing programs an understanding of what is involved. A CD-ROM provides additional tools and materials.

Training Manuals

Advanced Data Management and Analysis Training

Using a scenario based on an actual case-control study and Epi Info software, this training teaches data management and advanced analysis and interpretation tasks common to descriptive and analytic studies.

Data for Decision-Making Training and Technical Guidelines

These courses prepare district health personnel to detect epidemics of cholera, meningococcal meningitis, and yellow fever early and to control epidemics effectively. The courses include technical guidelines, a participant guide, an instructor guide, slide sets, and exercises.

Computer-Based Multi-Media Self Study Tools

RightSize and Micronutrient Malnutrition Case Study

This computer-based case study provides an overview of how to conduct surveys with a focus on determining sample size. The training incorporates RightSize, a computer software tool that calculates sample size for surveys.

MAPit - Micronutrient Action Plan Instructional Tool

MAPit provides an overview of micronutrient malnutrition and brief information about its impact on health and socio-economic development

MAPit also delineates the steps necessary to implement a sustainable micronutrient malnutrition elimination program.

Foodborne Disease Outbreak Investigation Training

This series includes five classroom and three computer-based case studies.

These interactive case studies require students to apply their epidemiologic knowledge and skills to problems confronted by public health practitioners at the local, state, and national level every day.

The case studies are based on real-life outbreaks and public health problems. They were developed in collaboration with the original investigators and experts across CDC.

Mini Modules

These self-paced computer-assisted training tutorials provide interactive instruction on topics in epidemiology and biostatistics. The modules take from one to two hours each to complete.

The following modules are available:

- *Analyzing Multiple Risk Factors*
- *Comparing Morbidity and Mortality Among Populations*
- *Constructing an Epidemic Curve*
- *Graphing Descriptive Ecologic Data*
- *Predictive Values*
- *Probability Proportional to Size Cluster Sampling*
- *Standard Deviation and Standard Error of the Mean*

Software Training

Cholera Outbreak in Rwenshama: Using Epi Info for Windows in an Outbreak Investigation

This introductory training for Epi Info software can be used as a self-study training for those with basic computer skills. It also can be used as a classroom-based training tool, providing up to three days of classroom training.

The target audience includes epidemiologists and other public health employees who collect, manage, and analyze data.

