

FIELD EPIDEMIOLOGY TRAINING PROGRAM: Improving NCD Surveillance and Data Analysis

BY THE NUMBERS

38 million

38 million deaths worldwide
are caused by NCDs

>25%

Reduce NCD deaths by 25%
by 2025

70%

70% of Field Epidemiology Training
Programs (FETPs) have 1 or more
residents focused on NCDs

The Issue

Noncommunicable diseases (NCDs) are responsible for almost 75% of all deaths worldwide. The majority of these deaths occur in low- and middle-income countries where the number of people affected by NCDs is growing rapidly, and medical and public health systems are often not equipped to respond effectively.

Primary prevention of NCDs could save millions of lives and reduce associated healthcare costs.

CDC's Response

The Centers for Disease Control and Prevention (CDC) works with ministries of health around the world to include NCD surveillance, management and data analysis into CDC-supported Field Epidemiology Training Programs (FETPs).

FETPs are country-owned programs modeled after the U.S. Epidemic Intelligence Service, and recognized worldwide as an effective means to build a corps of in-country field epidemiologists ("disease detectives") able to strengthen their

"We have a tremendous opportunity to slow the growth of NCDs by continuing to work with Ministries of Health and other partners, and adapting and applying well-tested sustainable approaches to NCD prevention and control. Having Field Epidemiology Training Programs in countries is critical."

Tom Frieden, MD, MPH, CDC Director

FETP resident conducts field research on hypertension management in Bali, Indonesia.



CDC's Response (continued)

countries' capacity in epidemiology, surveillance, and outbreak response. FETPs are structured so that residents spend minimum time in the classroom and maximum time in the field. FETP residents provide public health services while gaining essential skills to collect, analyze, and use data to prioritize health issues and inform policy decisions.

CDC has developed a series of training materials on NCDs, civil registration and vital statistics and maternal and child health. Other topics under

development include: disaster response, birth defects, road traffic injury, tobacco, cancer, and toxicology epidemiology.

Since 2010, 500 FETP residents have been trained in chronic disease epidemiology and an additional 350 in specific NCD topics (e.g. cancer, tobacco, and road traffic injury). Additionally, 37 mini-grants have been awarded, and 15 articles on NCDs have been published in peer-reviewed publications.

Our Partners

- African Field Epidemiology Network (AFENET)
- Eastern Mediterranean Public Health Network (EMPHNET)
- Southeast Asia Field Epidemiology and Technology Network (SAFETYNET)
- Training Programs in Epidemiology and Public Health Interventions Network (TEPHINET)

To learn more and access the NCD training modules, please visit our website: :
http://www.cdc.gov/globalhealth/healthprotection/fetp/ncd_modules.htm

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FETP residents attend CDC-led workshop in Atlanta, GA on cancer, tobacco and road traffic injury.

