

# GLOBAL

## Noncommunicable Diseases, Injury, and Environmental Health

Noncommunicable diseases (NCDs) are the leading cause of death and disability around the world, killing more than 36 million people each year. The problem is most urgent in low and middle-income countries (LMICs), where some 80% of all NCD deaths occur. NCDs threaten the health, economic, and political security of countries around the world.



**Centers for Disease  
Control and Prevention**  
Center for Global Health

# The Global NCDs, Injury, and Environmental Health (GNCDIEH) program advances a coordinated approach to prevention and control by:



## Strengthening surveillance

- ▶ Support global surveillance systems and epidemiological studies to assess effects and trends of NCDs
- ▶ Promote development of standardized tools for surveillance and information systems
- ▶ Enhance epidemiological capacity for data analysis and reporting
- ▶ Coordinate multiple surveillance systems to improve efficiencies
- ▶ Strengthen global partnerships and collaborations to share data and expertise



## Expanding the evidence base

- ▶ Address global cardiovascular disease through policy and health systems strengthening strategies (technical packages such as MPOWER, SHAKE and HEARTS)
- ▶ Coordinate an international network for NCD economics research with the purpose of furthering economic and policy evidence for NCD prevention and control globally



## Enhancing workforce capacity

- ▶ Work with ministries of health around the world to include NCD surveillance, management and data analysis into CDC-supported Field Epidemiology Training Programs (FETPs)
- ▶ Train mid-level NCD program managers in countries to strengthen analysis, interpretation, partnership and policy skills



## Leveraging Partnerships




- ▶ Cultivate internal and external partnerships with academia, multi-lateral, bi-lateral and non-governmental organizations to leverage existing platforms and address global NCDs
- ▶ Increase NCD awareness and support through strategic communication
- ▶ Promote CDC's global NCD work to internal and external partners
- ▶ Develop communication strategies for implementing public health programs



## Coordinating strategic dialogue across CDC programs

- ▶ Provide resources to 14 programs to amplify work (including NCDs, injury prevention, and environmental health)

# HOW WE DO IT

Strategy	Goal	Activities	Program(s)
 <p><b>Strengthening Surveillance</b></p>	Strengthen country and partner capacity for surveillance and monitoring and evaluation systems	<ul style="list-style-type: none"> <li>▶ Support surveillance systems through surveys</li> <li>▶ Use technology to improve data collection, analysis, and reporting</li> <li>▶ Develop data analysis, dissemination and visualization tools to track progress toward global NCD targets and evaluate policy impact</li> <li>▶ Strengthen civil registration, vital statistics, and cause of death and disease registries to inform public health and medical decisions</li> </ul>	<ul style="list-style-type: none"> <li>▶ Cancer registries</li> <li>▶ Bloomberg Data for Health Initiative</li> <li>▶ Global School Health Surveillance</li> <li>▶ Road traffic injury</li> <li>▶ Tobacco control</li> <li>▶ Violence against children</li> </ul>
 <p><b>Expanding the Evidence Base</b></p>	Scale-up interventions to improve health outcomes	Generate scientific evidence by developing, implementing and scaling-up interventions to accelerate impact for priority risk factors or disease outcomes	<ul style="list-style-type: none"> <li>▶ Cervical cancer</li> <li>▶ Diabetes</li> <li>▶ Economics</li> <li>▶ Environmental health</li> <li>▶ Global Hearts Initiative</li> <li>▶ Maternal mortality</li> <li>▶ Malnutrition</li> <li>▶ Shandong Ministry of Health Action on Salt Reduction and Hypertension (SMASH)</li> </ul>
 <p><b>Enhancing Workforce Capacity</b></p>	Strengthen national public health capacity, infrastructure and workforce	<ul style="list-style-type: none"> <li>▶ Develop training modules</li> <li>▶ Provide quality training, technical exchange and mentorship</li> <li>▶ Utilize web-based training tools</li> <li>▶ Support mini-grants for relevant projects</li> <li>▶ Encourage networking</li> </ul>	Field Epidemiology Training Program

# WHO WE ARE



**We work with partners across CDC to accomplish our goals:**

- ▶ Center for Global Health
- ▶ National Center for Chronic Disease Prevention and Control
- ▶ National Center for Environmental Health
- ▶ National Center for Health Statistics
- ▶ National Center for Injury Prevention and Control
- ▶ National Center for Birth Defects and Developmental Disabilities



**Centers for Disease  
Control and Prevention**  
Center for Global Health

For more information, please contact: Jennifer Keltz ([ycd6@cdc.gov](mailto:ycd6@cdc.gov))  
<http://www.cdc.gov/globalhealth/healthprotection/ncd/index.html>