

Data Impact Program



Strengthening capacity for health economic evaluation in government agencies

IHEA Pre-Congress Session

Vital Strategies, CDC Foundation

July 18, 2025



A collaboration with 25 LMIC governments to expand the use of data to enhance public health planning & policy development

Programs

- Civil Registration and Vital Statistics
- Data Impact
- Cancer Registries
- NCD Surveillance

Funding

- Bloomberg Philanthropies
- Bill & Melinda Gates Foundation

Partners

- CDC Foundation & US Centers for Disease Control and Prevention
- World Health Organization
- Pan-American Health Organization
- U.N. Economic and Social Commission for Asia and the Pacific
- U.N. Economic Commission for Africa
- Howard University College of Medicine
- Johns Hopkins School of Public Health
- Global Health Advocacy Incubator
- U.N. High Commissioner for Refugees
- Pacific Community



Technical expertise

People

Enriching technical capacity

- Data Analytics for Public Health Practice
- CRVS Data Use
- Data-Centered Leadership
- Communicating with Data, Scientific Communications

Processes

Strengthening institutional structures and systems

- Data to Policy
- Data Use in Decision-Making Processes
- Strengthening Institutional Structures
- Systems Design

Products

Disseminating clear and compelling products to communicate priorities

- Data Reports
- Dashboards for Decision-Makers
- Public Health Bulletins

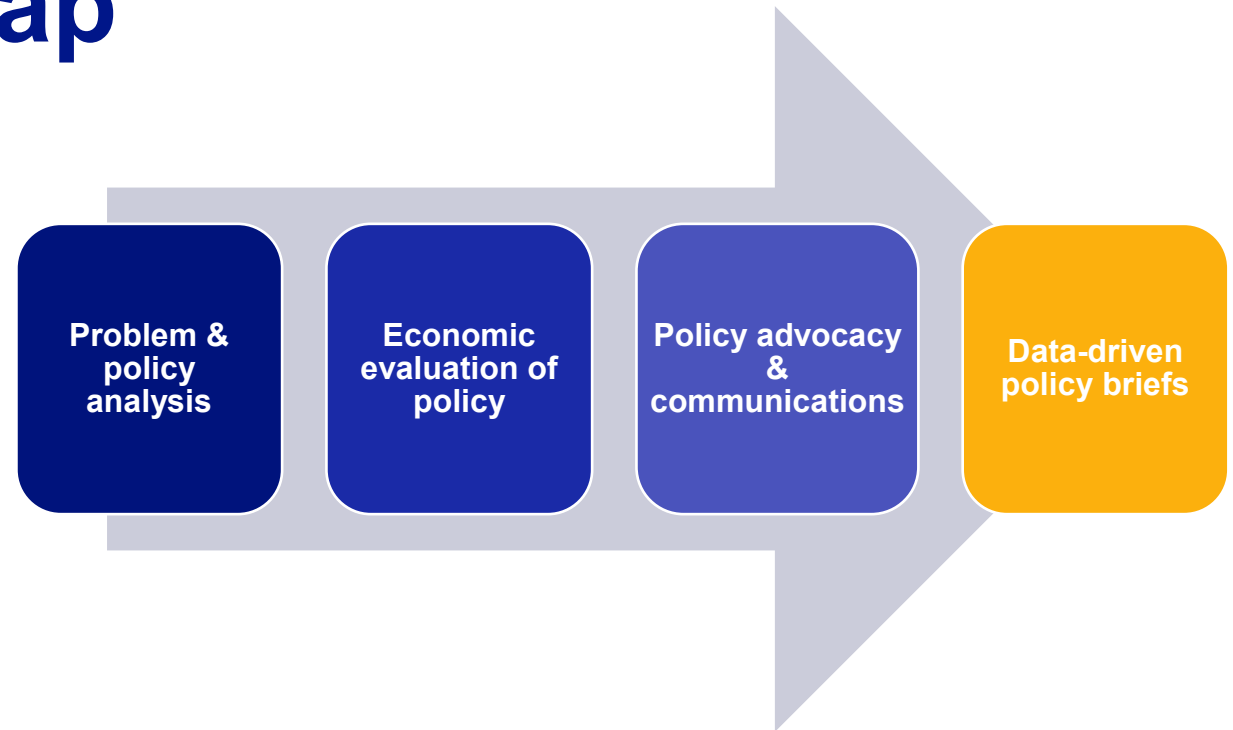




Data to Policy (D2P) Program: Bridging the data to policy gap

Objective

To improve data and evidence use in public health policy by strengthening analytic capacity within government agencies to produce evidence-informed policy recommendations



Critical need for economic evaluation to inform health policy



Countries advancing toward UHC require analysis to inform benefit packages



Growing institutionalization of HTA



Reduced bilateral/multi-lateral assistance makes efficient use of resources critical

Yet, many challenges in use of economic evaluation by ministries of health and public health institutes:

1. Critical shortage of health economists in government
2. Global evidence (e.g. DCP3, WHO-CHOICE) doesn't incorporate local variation in costs, effectiveness
3. Commissioning research can be complicated and still requires awareness of methods to interpret

What have we done?

VANDERBILT UNIVERSITY
MEDICAL CENTER

2023: IHEA pre-congress session on DALY modeling

2024: Trained 29 economists from 16 countries

2022: Launched collaboration with Vanderbilt, trained 28 economists from 14 countries

2024: Economic evaluation workshop for Colombia's National Health Observatory

2025: 11 health economists from D4H countries completed fellowship at Vanderbilt

Other cross-cutting work:

- Online decision modeling training through University of York, LSHTM
- Amua adaptations (DALY outcomes) & translation to French, Spanish
- Training of trainers in health economics



Outcomes



Informing policies

Cost-effectiveness of cervical cancer screening strategy in Kenya to inform national action plan



Institutionalizing use of economic evaluation

Health economist from Uganda heading up new policy analysis unit at MOH



Cascading of training

Philippines Department of Health has trained teams at all 17 regional Centers for Health Development



IHEA presentations from health economists in our network

Monday, July 21, 8:30-10:00am, Lotus (3, BICC)

- Efficiency Analysis of the Ethiopian Pharmaceutical Supply Chain System – **Samuel Abera**

Monday, July 21, 1:30-3:00pm, Bali (1, BICC)

- Breast Cancer Screening Using Clinical Breast Examination: A Cost-Effectiveness Analysis for South Africa – **Sithabiso Daphne Masuku**

Monday, July 21, 3:30-5:00pm, Heliconia (3, BICC)

- AI-based Digital Chest X-ray a Cost-effective Intervention for Active Case Finding (ACF) for TB in India – **Dr. Samraj Sahay**

Tuesday, July 22, 8:30-10:00am, Denpasar A (2, BICC)

- Analysis of Policy Options to Reduce the Prevalence of Anaemia in Children Aged 6 to 23 Months in Southern Province of Zambia – **Lawrence Mwenge**

Tuesday, July 22, 10:30am-12:00pm, Jakarta B (2, BICC)

- Cost-Effectiveness of Prevention Strategies for Human Anthrax in Uganda: a Health Sector Perspective – **Yasiini Nuwamanya**
- Cost-Effectiveness of Novel Latent Tuberculosis Infection Screening and Treatment Modalities in Zambia – **Lawrence Mwenge**

Tuesday, July 22, 3:30-5:00, Denpasar A (2, BICC)

- Awareness of Strategic Purchasing Systems for Health Among Key Implementers in Ethiopia: The Case of Case-Based Providers Payment Design in Ethiopia – **Asmamaw A. Ayalneh**

Wednesday, July 23, 11:00am-12:30pm, Frangipani (1, BICC)

- The Cost-Effectiveness of Social and Behavior Change Interventions and Cessation Services in Reducing Alcohol-Related Health Harms in the Philippines – **Andrea Margreth Ora-Corachea**



For further information, reach out to:
Emily Myers | emyers@vitalstrategies.org



Vital Strategies Global Grants Program

Developed in 2019 to promote and expand D4H work in non-focus countries

Open to
LMICs NOT
already part of
D4H

USD 100,000 for
12-15 month
projects

155 projects
across 58
countries funded
to date

Technical
assistance
provided
by D4H as
needed

Projects must be
government-led

Next funding
round fall 2025.

More information:



Data Impact Get in touch!

Emily Myers, Vital Strategies

emyers@vitalstrategies.org

Andrew Ancharski, CDC Foundation

aancharski@cdcfoundation.org

Chandra Dhakal, CDC Foundation

cdhakal@cdcfoundation.org



<http://www.d4hdataimpact.org/>