

The Last Place on Earth

Michelle D. Holmes, MD, DrPH



BRITISH MEDICAL JOURNAL

LONDON SATURDAY NOVEMBER 10 1956

LUNG CANCER AND OTHER CAUSES OF DEATH IN RELATION TO SMOKING

A SECOND REPORT ON THE MORTALITY OF BRITISH DOCTORS

BY

RICHARD DOLL, M.D., M.R.C.P.

Member of the Statistical Research Unit of the Medical Research Council

AND

A. BRADFORD HILL, C.B.E., F.R.S.

*Professor of Medical Statistics, London School of Hygiene and Tropical Medicine; Honorary Director of
the Statistical Research Unit of the Medical Research Council*



The NEW ENGLAND
JOURNAL of MEDICINE

DIETARY FAT INTAKE AND THE RISK OF CORONARY HEART DISEASE IN WOMEN

DIETARY FAT INTAKE AND THE RISK OF CORONARY HEART DISEASE IN WOMEN

FRANK B. HU, M.D., MEIR J. STAMPFER, M.D., JOANN E. MANSON, M.D., ERIC RIMM, Sc.D., GRAHAM A. COLDITZ, M.D.,
BERNARD A. ROSNER, Ph.D., CHARLES H. HENNEKENS, M.D., AND WALTER C. WILLETT, M.D.

BRITISH MEDICAL JOURNAL

LONDON SATURDAY NOVEMBER 10 1956

LUNG CANCER AND OTHER CAUSES OF DEATH IN RELATION TO SMOKING

A SECOND REPORT ON THE MORTALITY OF BRITISH DOCTORS

BY

RICHARD DOLL, M.D., M.R.C.P.

Member of the Statistical Research Unit of the Medical Research Council

AND

A. BRADFORD HILL, C.B.E., F.R.S.

*Professor of Medical Statistics, London School of Hygiene and Tropical Medicine; Honorary Director of
the Statistical Research Unit of the Medical Research Council*

1951→1956

**LONGITUDINAL
STUDIES**



The NEW ENGLAND
JOURNAL of MEDICINE

1976→1997

DIETARY FAT INTAKE AND THE RISK OF CORONARY HEART DISEASE IN WOMEN

DIETARY FAT INTAKE AND THE RISK OF CORONARY HEART DISEASE IN WOMEN

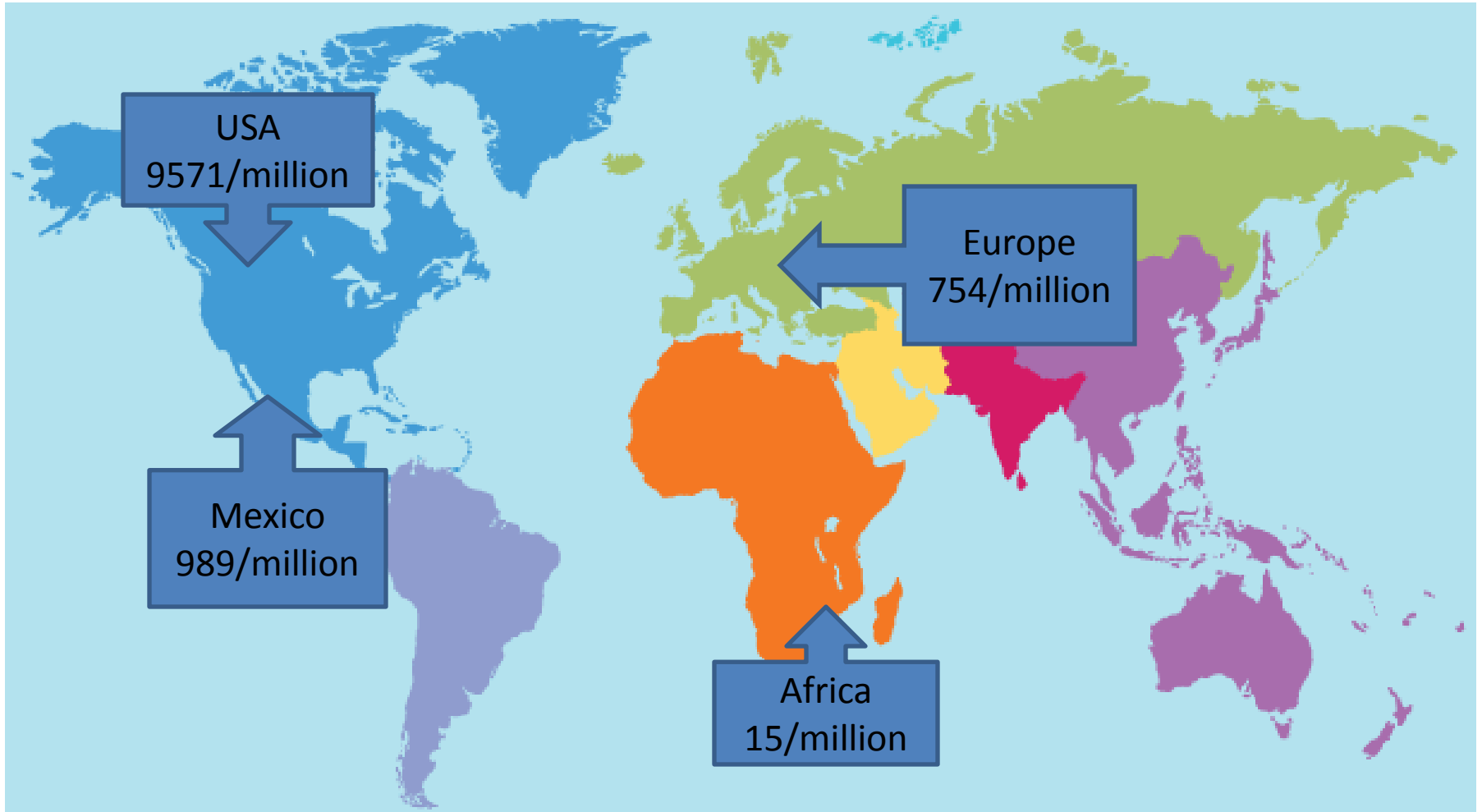
FRANK B. HU, M.D., MEIR J. STAMPFER, M.D., JOANN E. MANSON, M.D., ERIC RIMM, Sc.D., GRAHAM A. COLDITZ, M.D.,
BERNARD A. ROSNER, Ph.D., CHARLES H. HENNEKENS, M.D., AND WALTER C. WILLETT, M.D.



WHO Director General
Dr Margaret Chan
Sept 2011

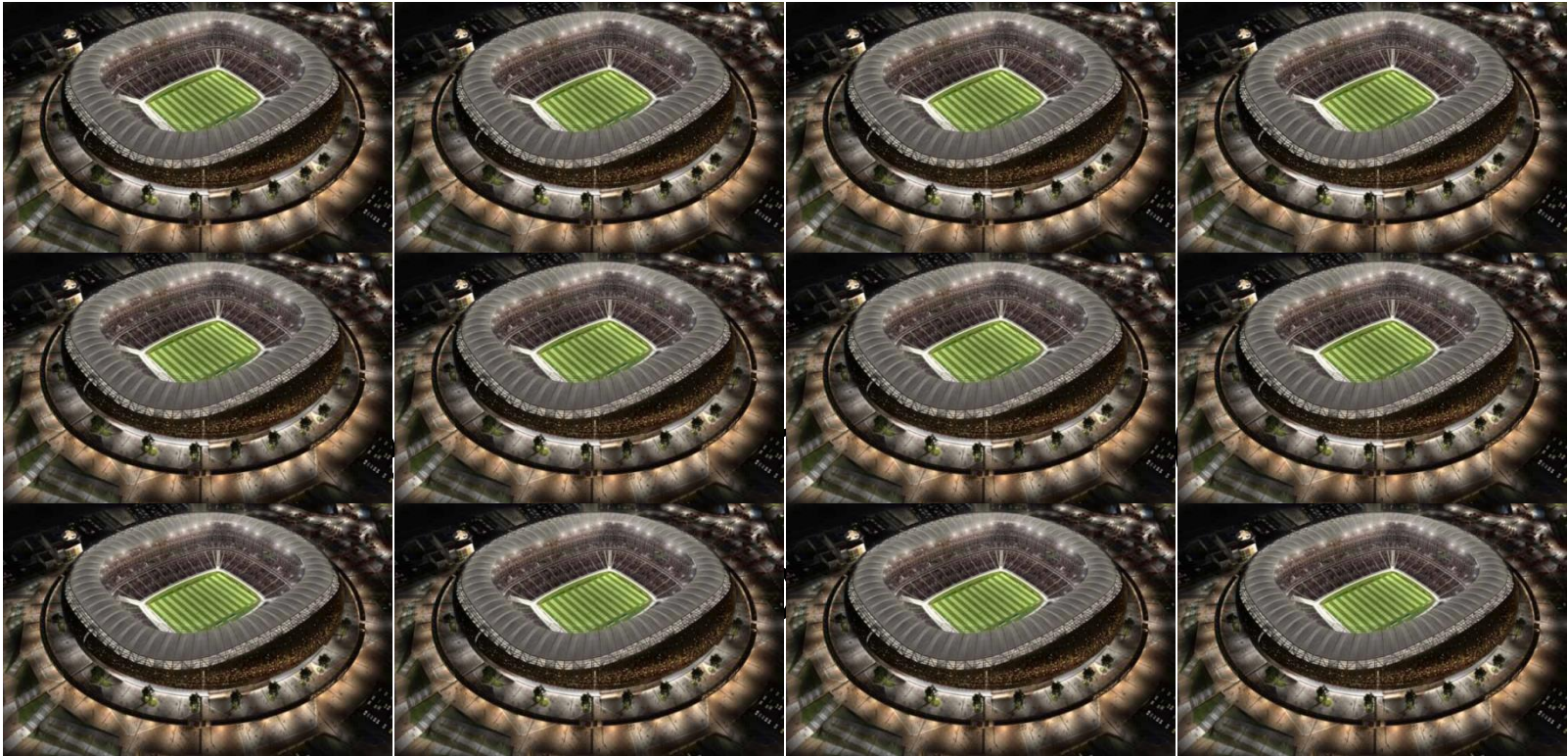
“The worldwide increase of non-communicable diseases is **a slow-motion disaster**,...(which) will cost the global economy more than US\$ 30 trillion, representing 48 % of global GDP in 2010.”

Disparities in longitudinal (cohort) studies



AFRICA/HARVARD SCHOOL OF PUBLIC HEALTH





Mokaba Stadium, Polokwane, South Africa, cap.=41,733

100,000 people in each of 5 sites



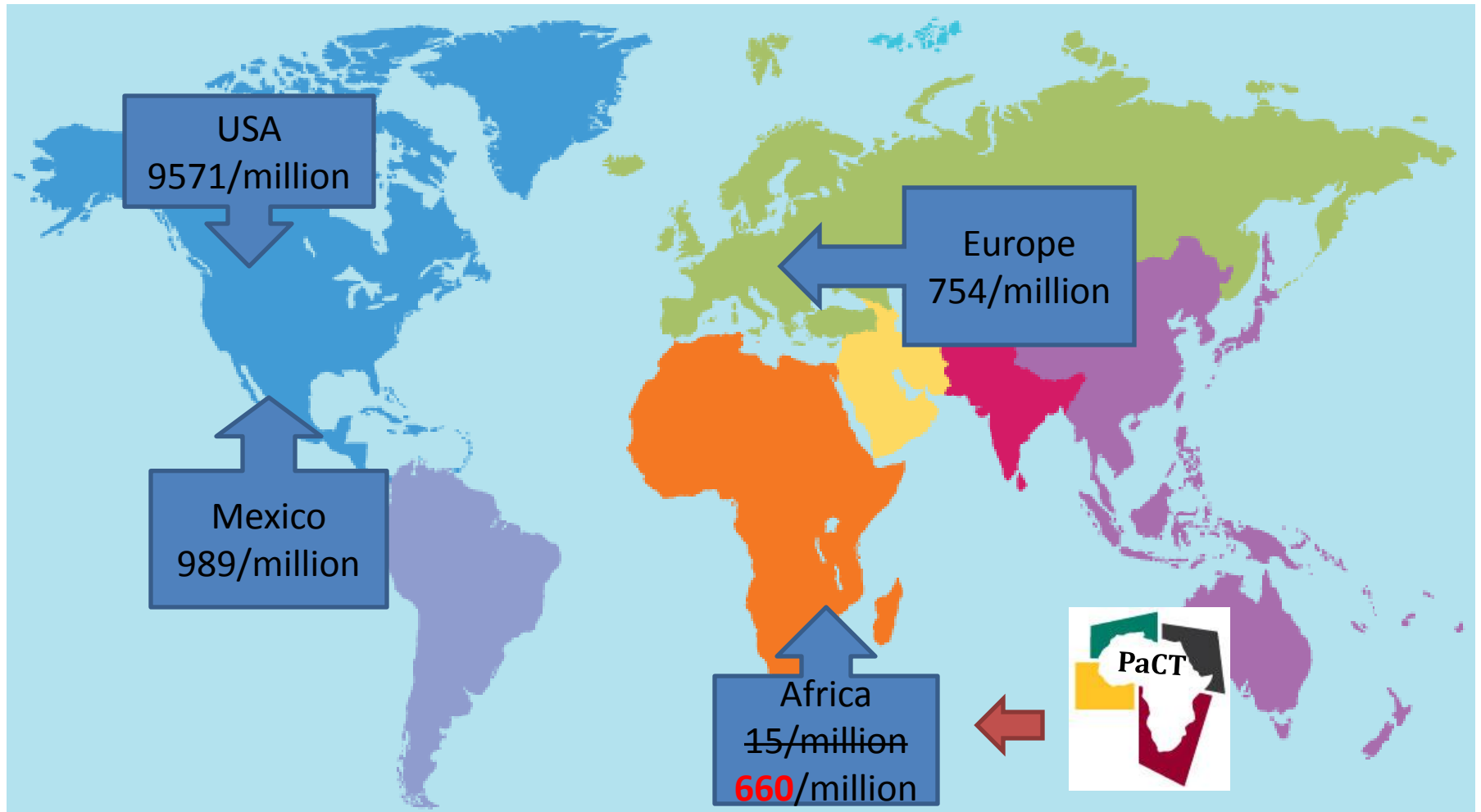
Country Collaborators



- Uganda (2 sites)
- Tanzania
- South Africa
- Nigeria



Disparities in cohort studies



Reverse Innovation

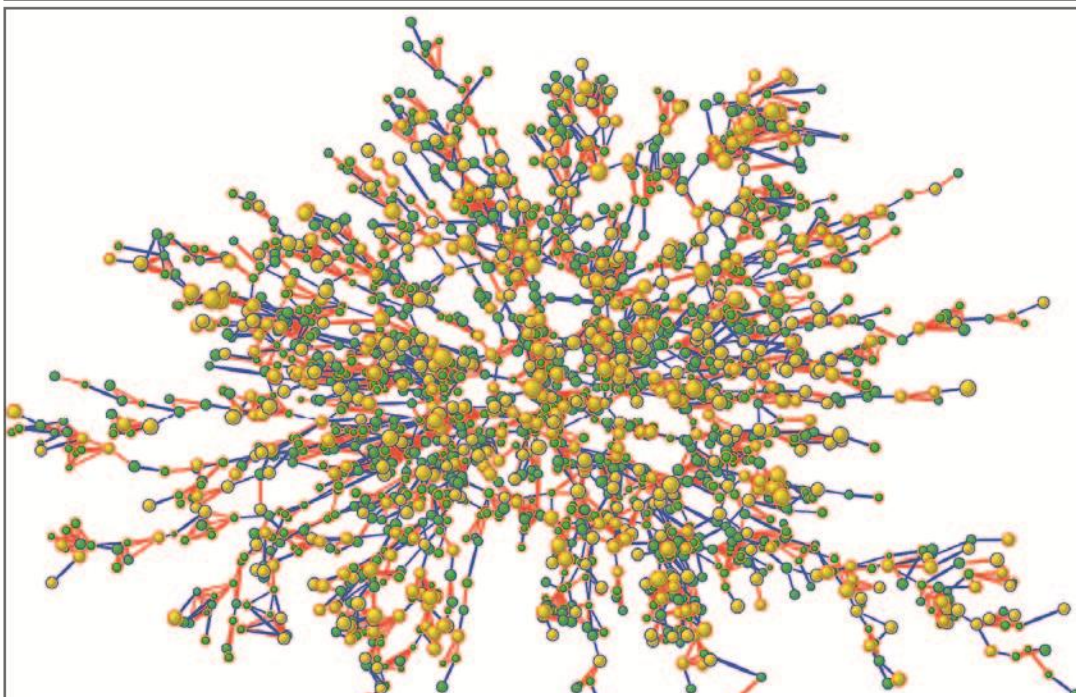


Figure 1. Largest Connected Subcomponent of the Social Network in the Framingham Heart Study in the Year 2000.

Christakis, 2007



Diplomacy



Facilitators were key



Taking Diversity and Inclusion to the Next Level

Recognizing
differences...



<http://visions-inc.org/>

Learn?



PaCT Site Leaders



Clement Adebamowo, MD, DrPH
Nigeria



Jimmy Volmink, MD, PhD
South Africa



Marina Njelekela, MD, PhD
Tanzania



David Guwatudde, PhD
Uganda - MUSPH



Francis Bajunirwe, MD, PhD
Uganda - MUST



PaCT Harvard Core Group



Michelle D. Holmes, MD, DrPH

michelle.holmes@hanning.harvard.edu



Hans-Olov Adami, MD, PhD

HADAMI@hsph.harvard.edu



Shona Dalal, PhD

SDALAL@hsph.harvard.edu



Todd G. Reid, ScD, MBA

Treid@hsph.harvard.edu





www.pactafrica.org

PaCT@hsph.harvard.edu