

Achieving a Grand Convergence in Women's Health by 2035

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THE LANCET

GLOBAL
HEALTH 2035

Global Health 2035: WDR 1993 @20 Years

1993: World Bank's World Development Report

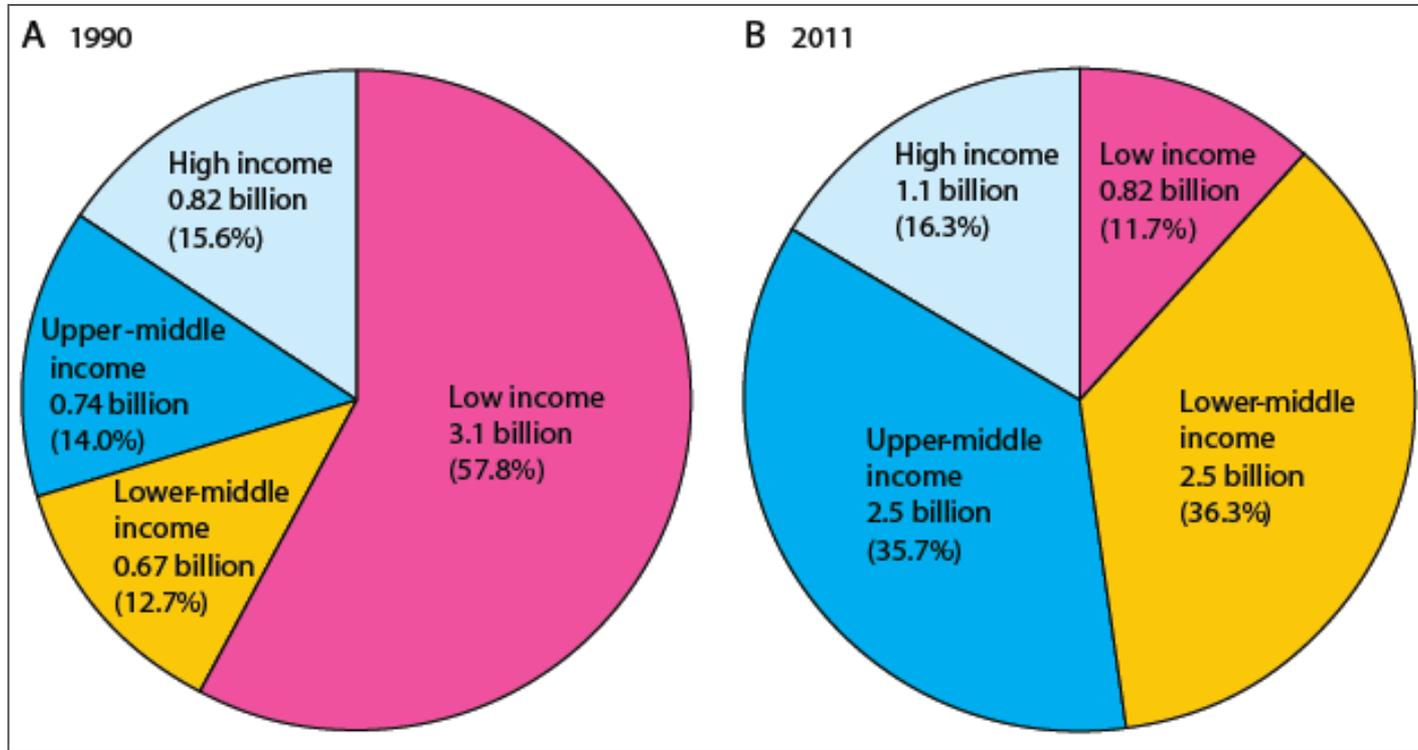
- Evidence-based health expenditures are an investment in health *and* economic prosperity
- Additional resources should be spent on cost-effective interventions to address high-burden diseases



2013: The Lancet Commission on Investing in Health

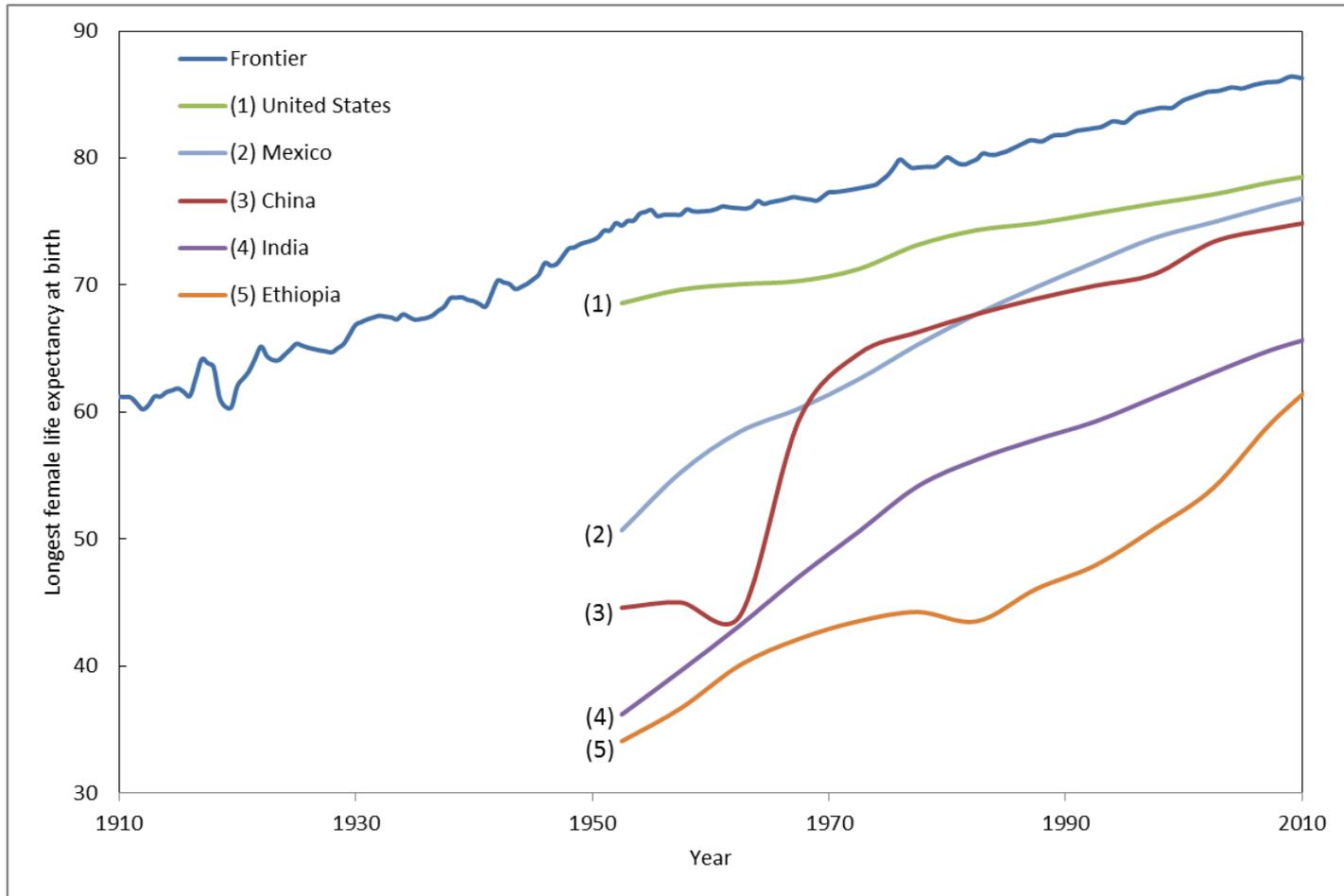
- Examines progress since 1993 & re-examines the case for investing in health
- Proposes health investment framework for LICs and MICs
- Provides roadmap to achieving gains in global health through a 'grand convergence'

1993-2013: Extraordinary Economic Progress



Movement of populations from low income to higher income between 1990 and 2011

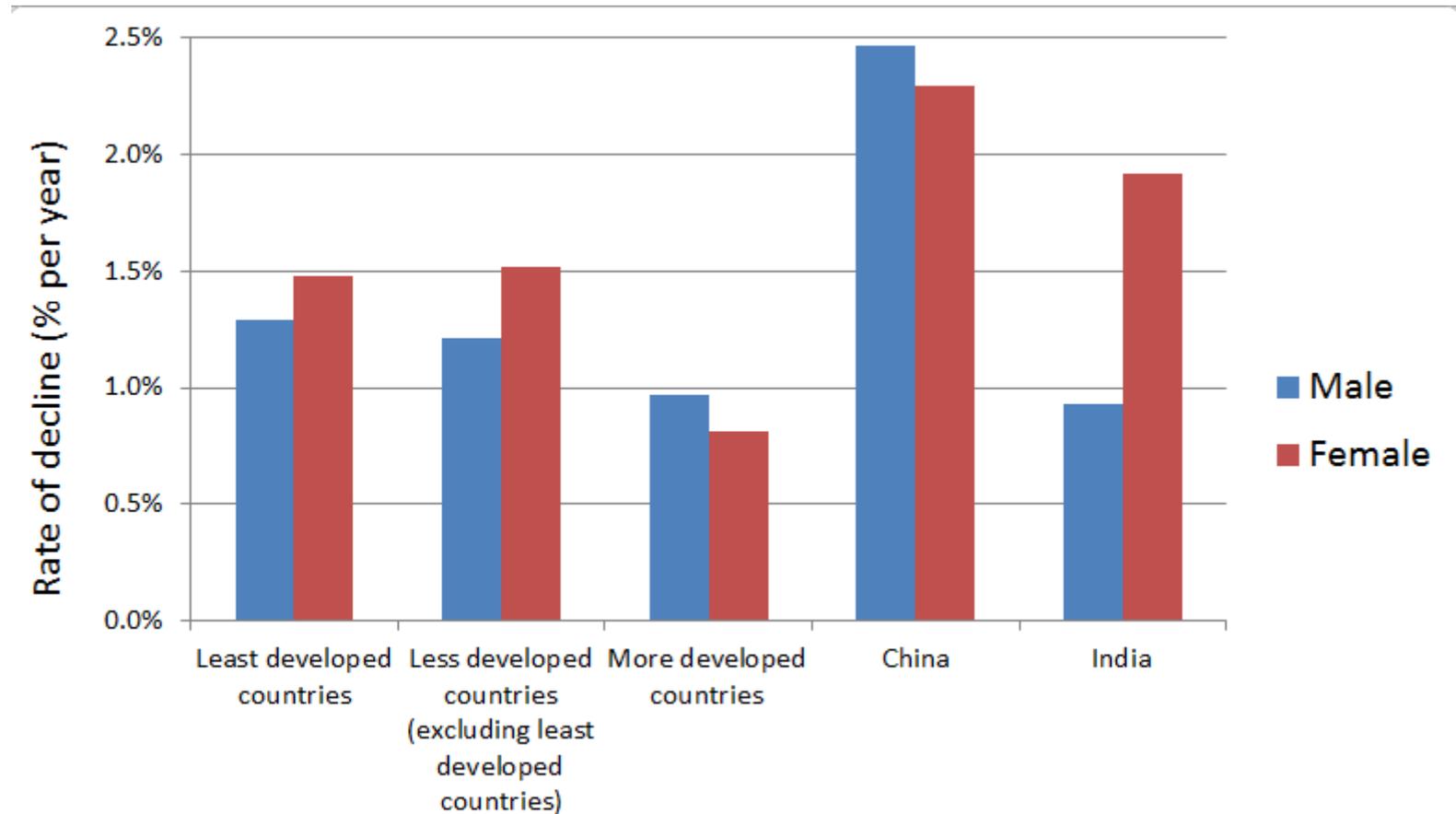
1993-2013: Extraordinary Health Progress



Female life expectancy at birth for select countries compared to the frontier

The frontier line indicates female life expectancy in the best-performing country in that year, which has been Japan for the past 20 years.

Mortality Decline Was Faster in Women than Men in Most Countries



Annual rates of decrease in adult mortality by sex and income group, 1992-2012

MDGs Were Catalytic



“Substantial progress since the Millennium Declaration is an encouraging sign of the effect of global action”

Murray CJ et al, *Lancet* 2014, Jul 21

Unprecedented Mobilization of Aid for Health

DAH by channel of assistance, 1990-2013

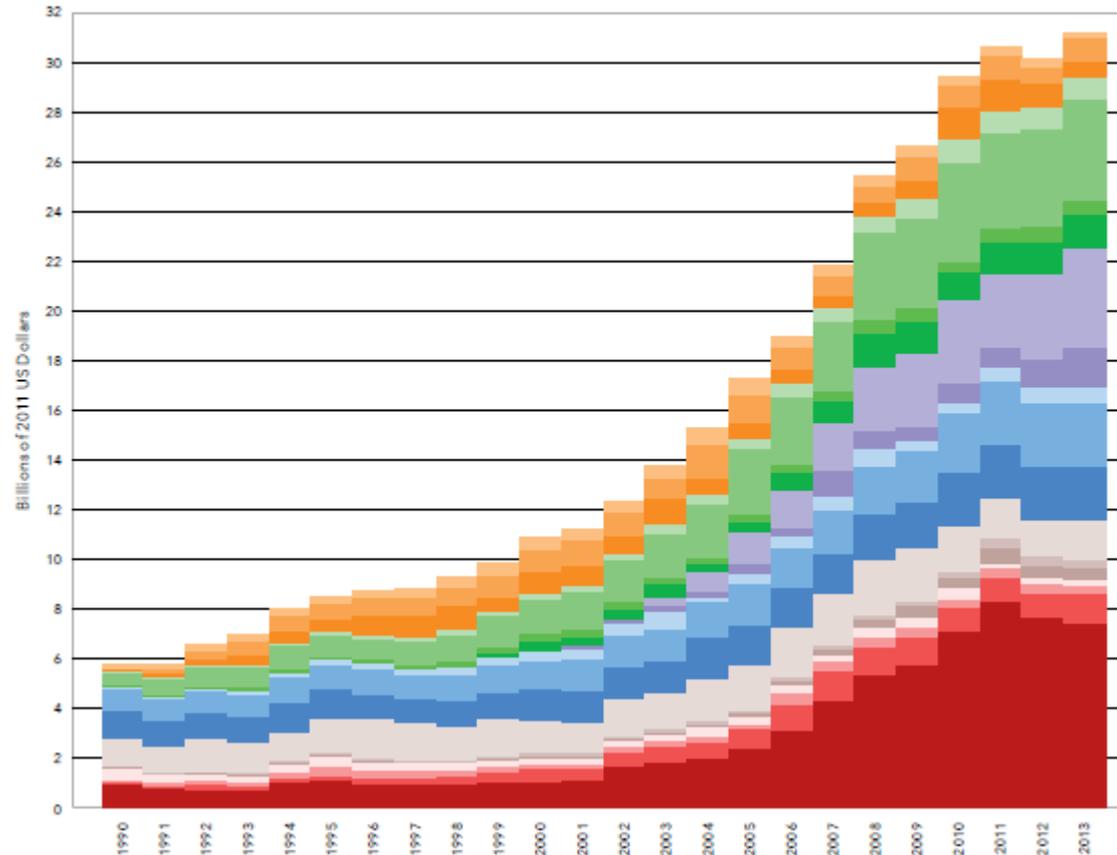
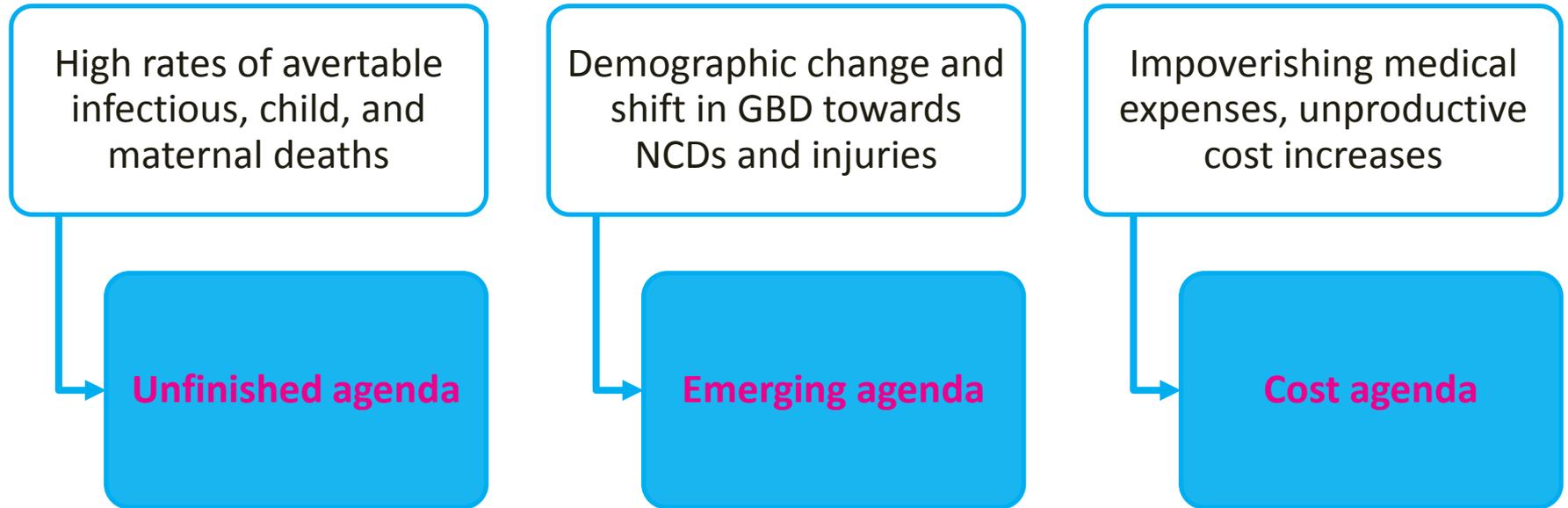


Figure from Financing Global Health 2013, IHME

Scientific Innovations Played a Role



2015-2035: Three Domains of Health Challenges



Global Health 2035: 4 Key Messages

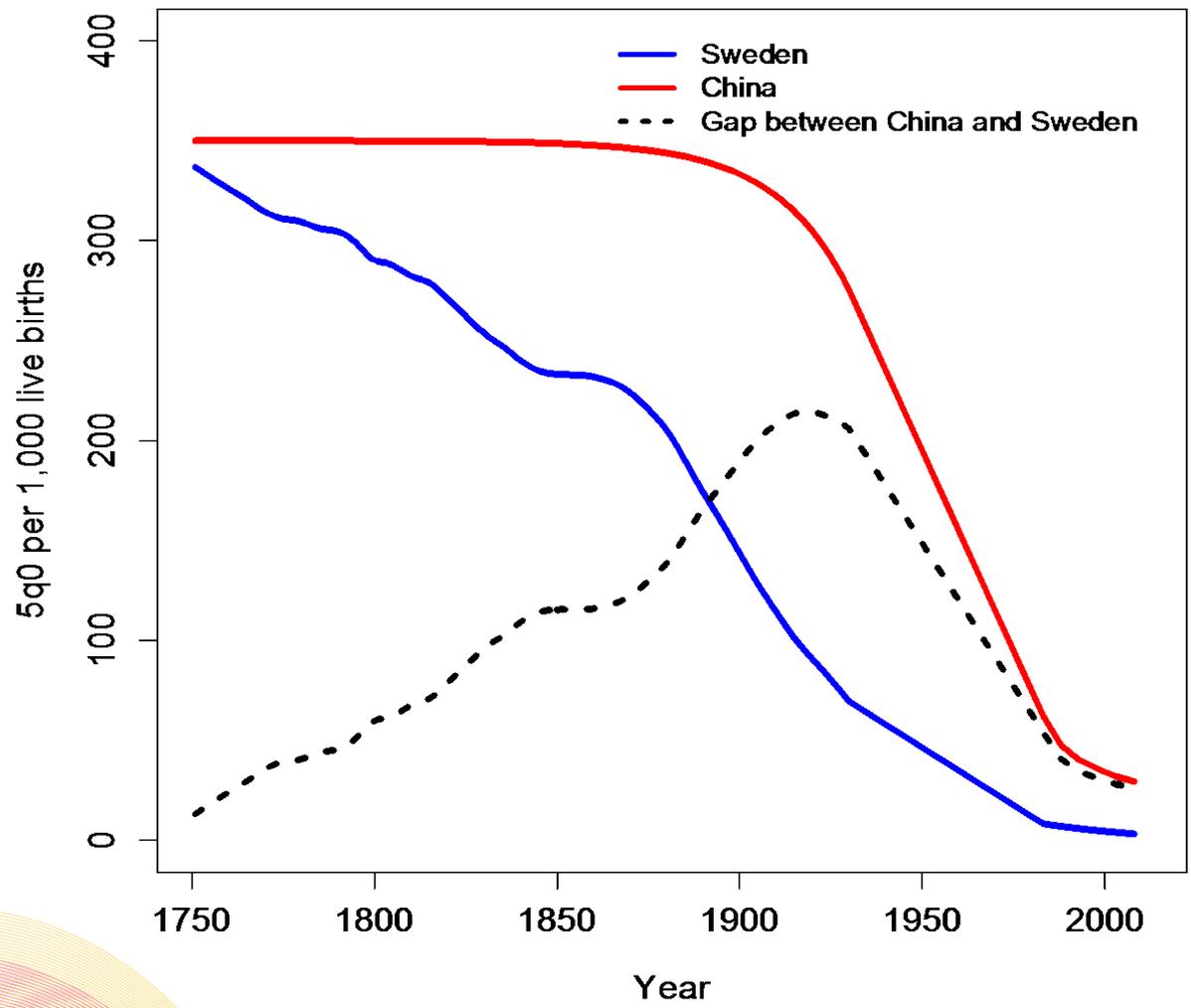
A **grand convergence** in health is achievable within our lifetime

The returns from **investing in health** are extremely impressive

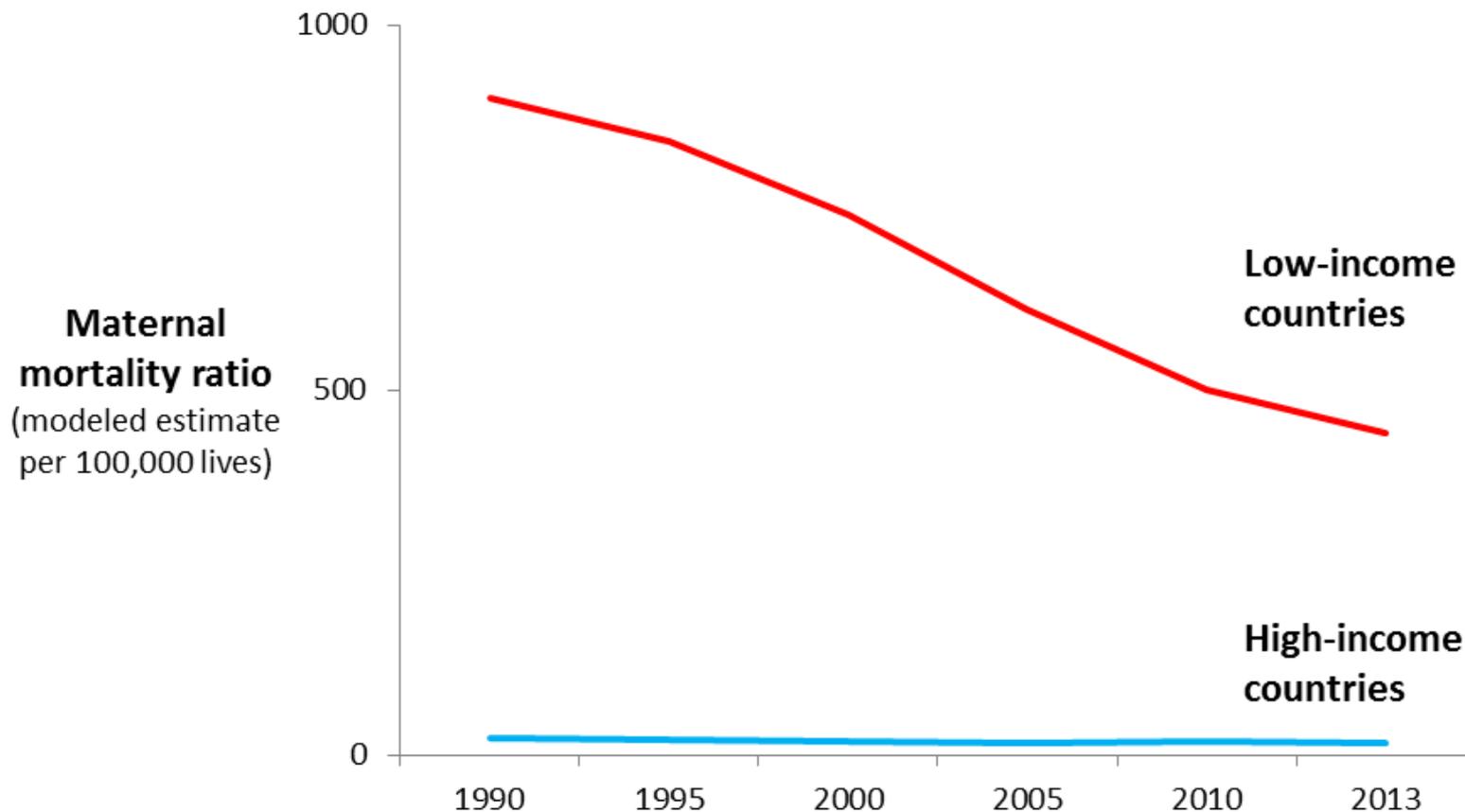
Fiscal policies are a powerful, underused lever for curbing non-communicable diseases and injuries

Progressive pathways to **universal health coverage** are an efficient way to achieve health and financial protection

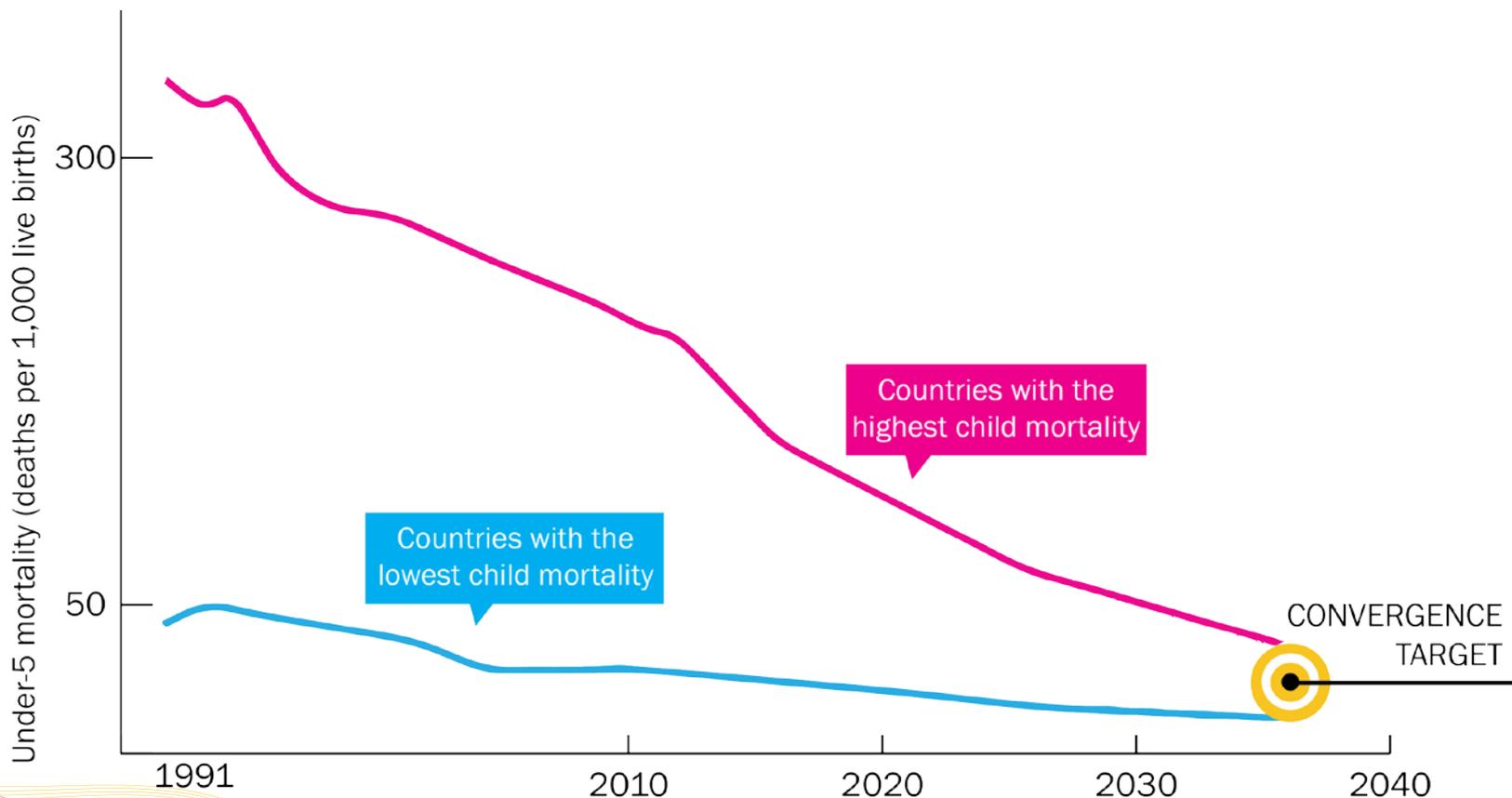
Under-five mortality, China and Sweden, 1751-2008



Global Mortality Gap for Women and Children

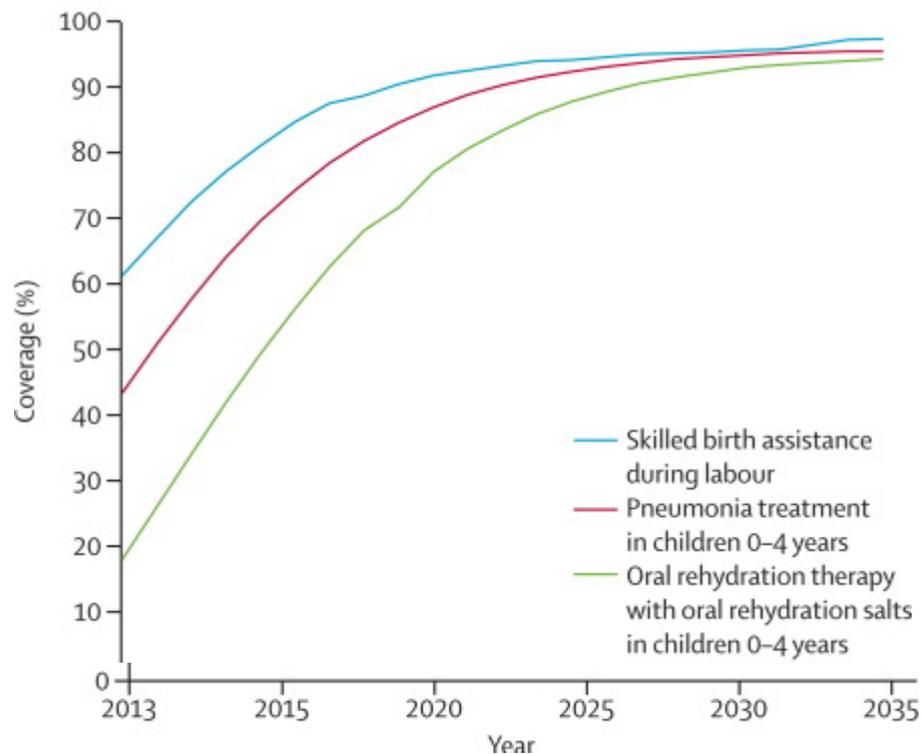


Now on Cusp of a Historical Achievement: *Nearly All Countries Could Converge by 2035*



Strategy 1: Aggressive Scale-Up of Today's Tools

- **RMNCH**, including family planning, pregnancy-related interventions, safe abortion and complications, and maternal nutrition
- **HIV**
- **Malaria**
- **Tuberculosis**
- **Neglected tropical diseases**



Accelerated scale-up of coverage

Global Investment Framework for Women's & Children's Health

Modeled Scale-Up of Maternal & Newborn Health Interventions Based on “Best Performer”

Intervention	Baseline		2035
Syphilis screening in pregnancy	62%	➔	100%
Micronutrient supplementation	39%	➔	95%
Skilled birth assistance	65%	➔	99%
Kangaroo mother care	10%	➔	95%

Strategy 2: Strengthen Health Delivery Systems



Photo: HPV vaccine, by GAVI, the Vaccine Alliance

Strategy 3: Develop Tomorrow's Tools

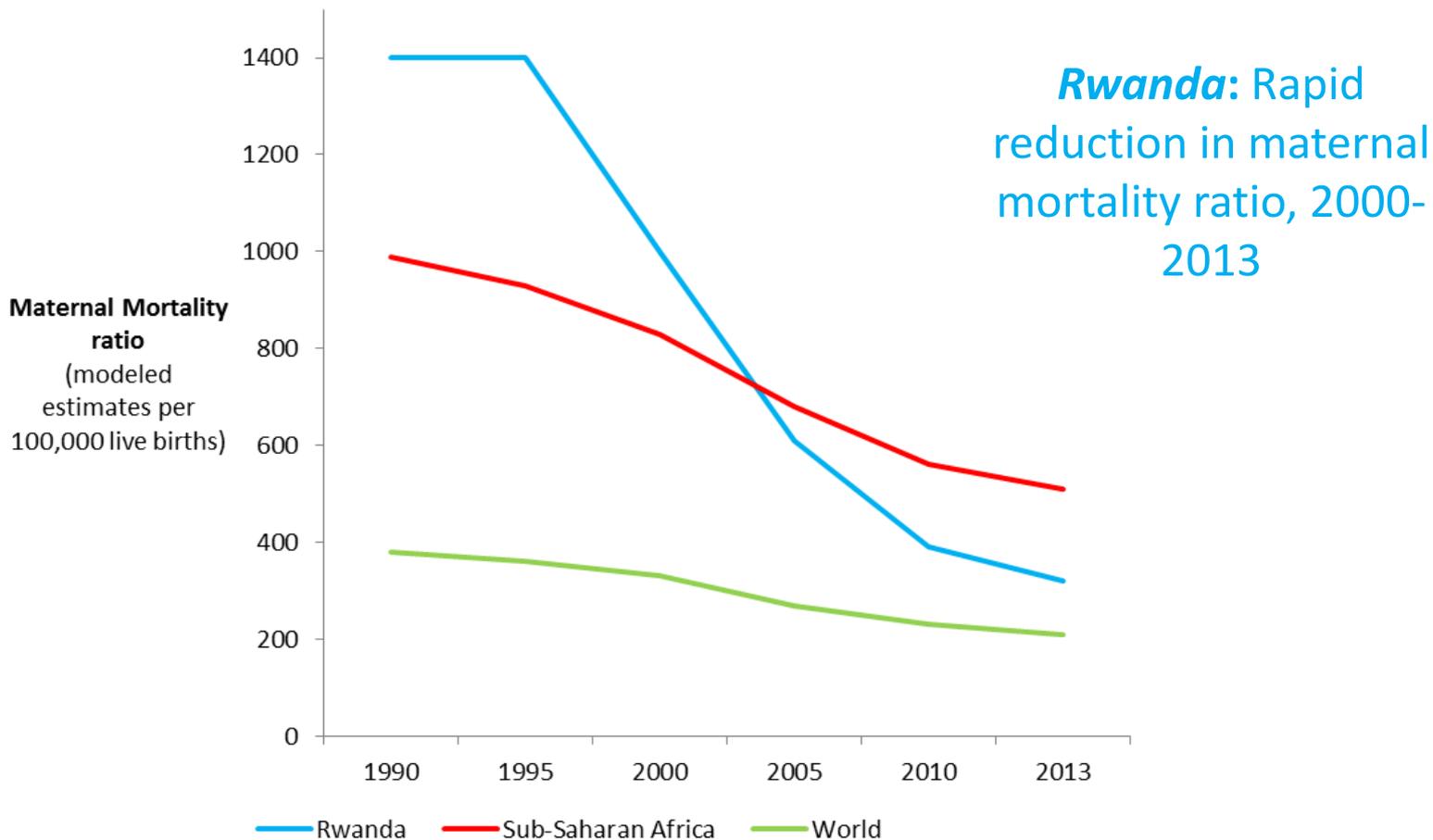
Examples of new tools for women's health under development at PATH:

- **Cryotherapy for cervical cancer prevention**
- **Affordable sanitary pad**
- **Non-pneumatic anti-shock garment**
- **Oxytocin in Uniject to prevent postpartum hemorrhage**

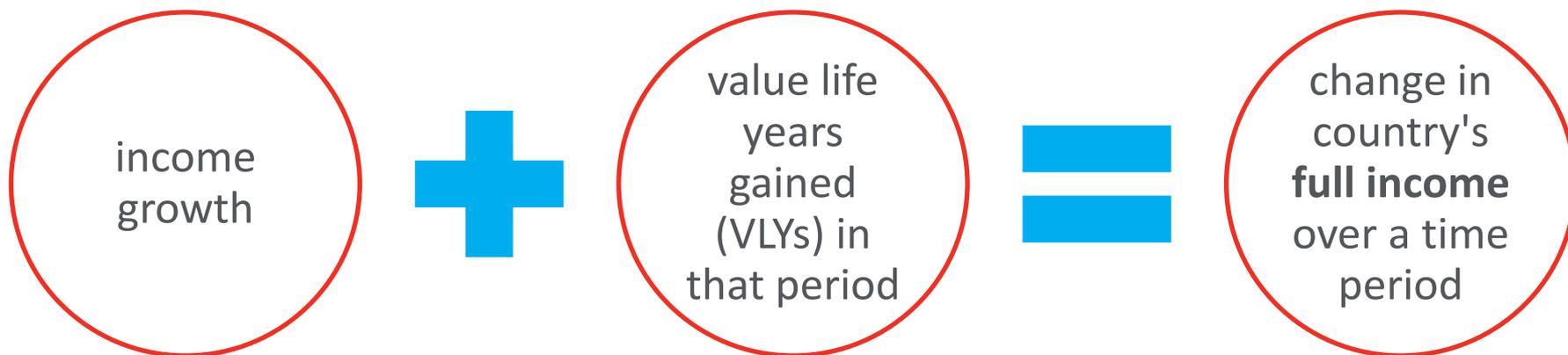


Photo: Non-pneumatic Anti-Shock Garment (Life Wrap), by UCSF Safe Motherhood Program

Investment (\$70B/year) is Not a High Risk Venture: Rapid Mortality Decline Is Possible



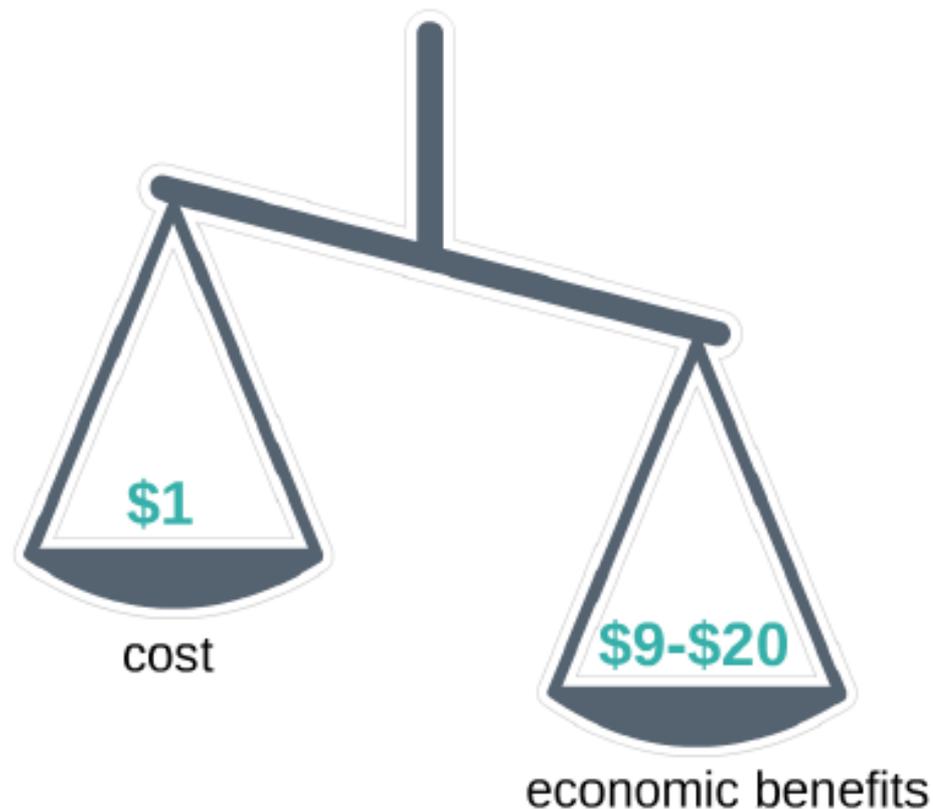
Full Income: A Better Way to Measure the Returns from Investing in Health



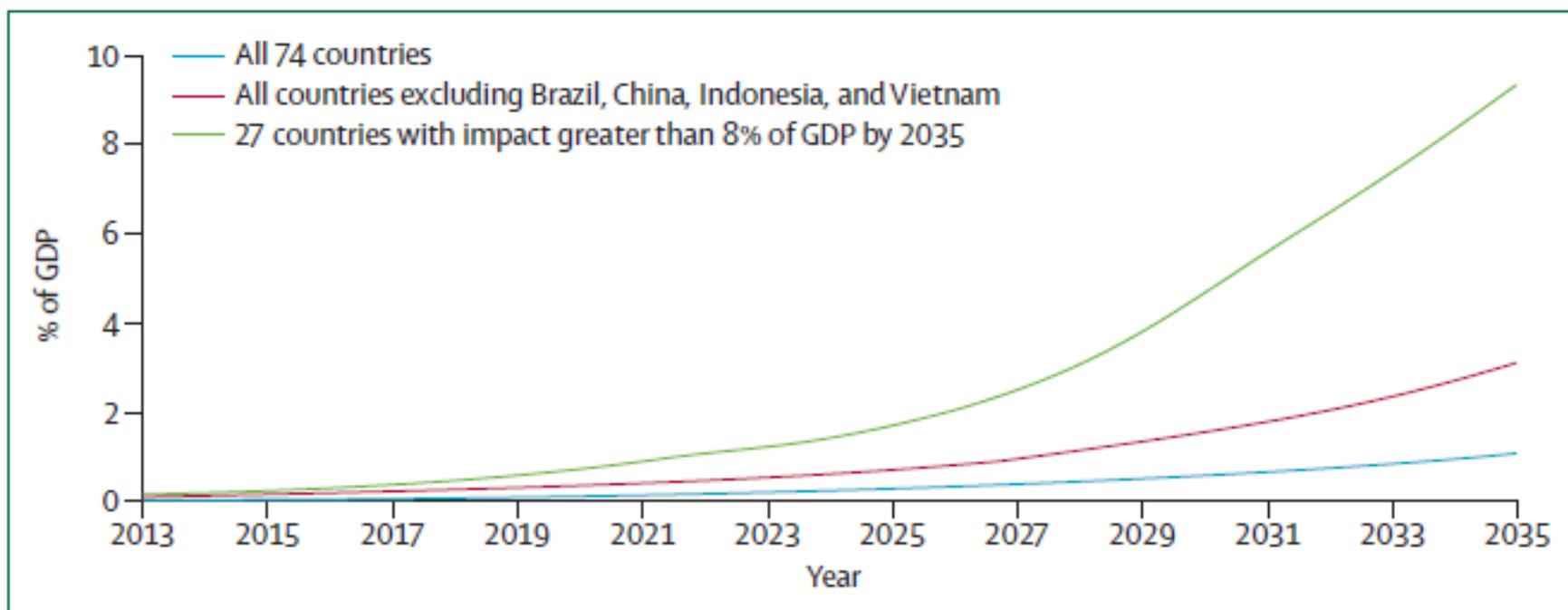
Between 2000 and 2011, about a quarter of the growth in full income in low-income and middle-income countries resulted from VLYs gained

Convergence Has Impressive Benefit to Cost Ratio

Cost of convergence
(\$70 billion/year)
is 1%-3% of
anticipated growth in
LICs and lower MICs



Social and Economic Benefits of Family Planning



Global Investment Framework for Women's & Children's Health

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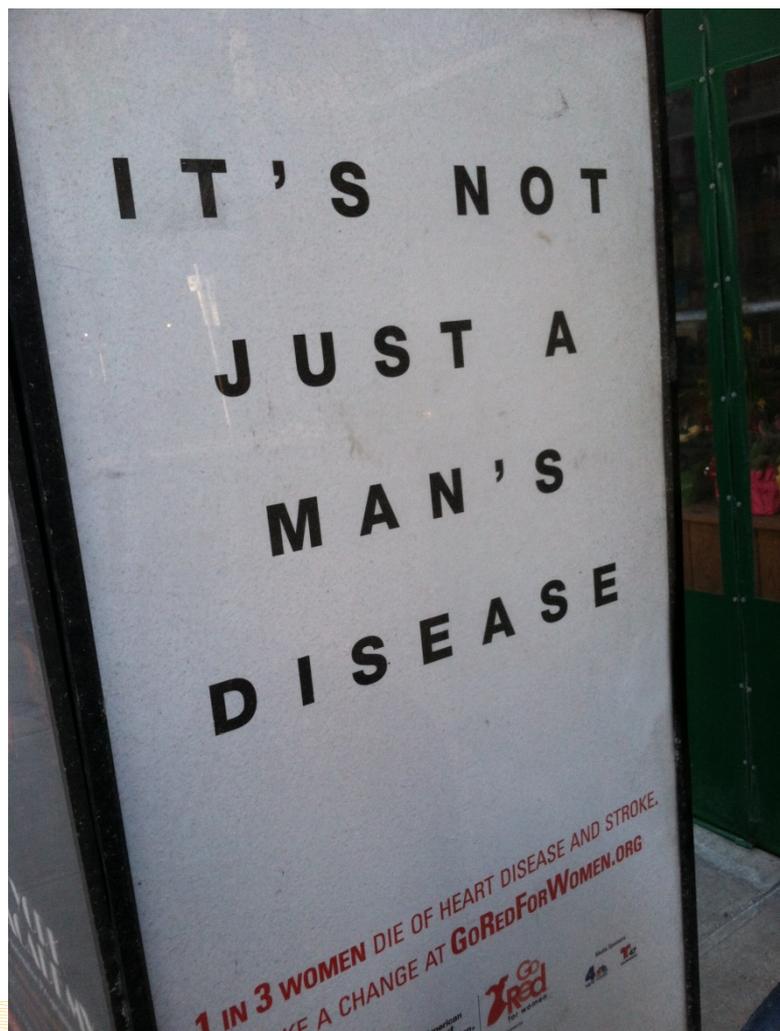
Social and Economic Benefits of Family Planning

“indicates the profound nature of the economic and social change which effective family planning makes possible”

Global Investment Framework for Women's & Children's Health.

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NCDs Are Not Just Diseases of Men

Globalization and Feminization of Tobacco

“The prevalence of female smoking in developed and developing countries is likely to rise to 20% by 2025. This would mean that **by 2025 there could be 532 million women smokers.**”

INVITED REVIEW SERIES: TOBACCO AND LUNG HEALTH

Women and tobacco

JUDITH MACKAY^{1,2} AND AMANDA AMOS³

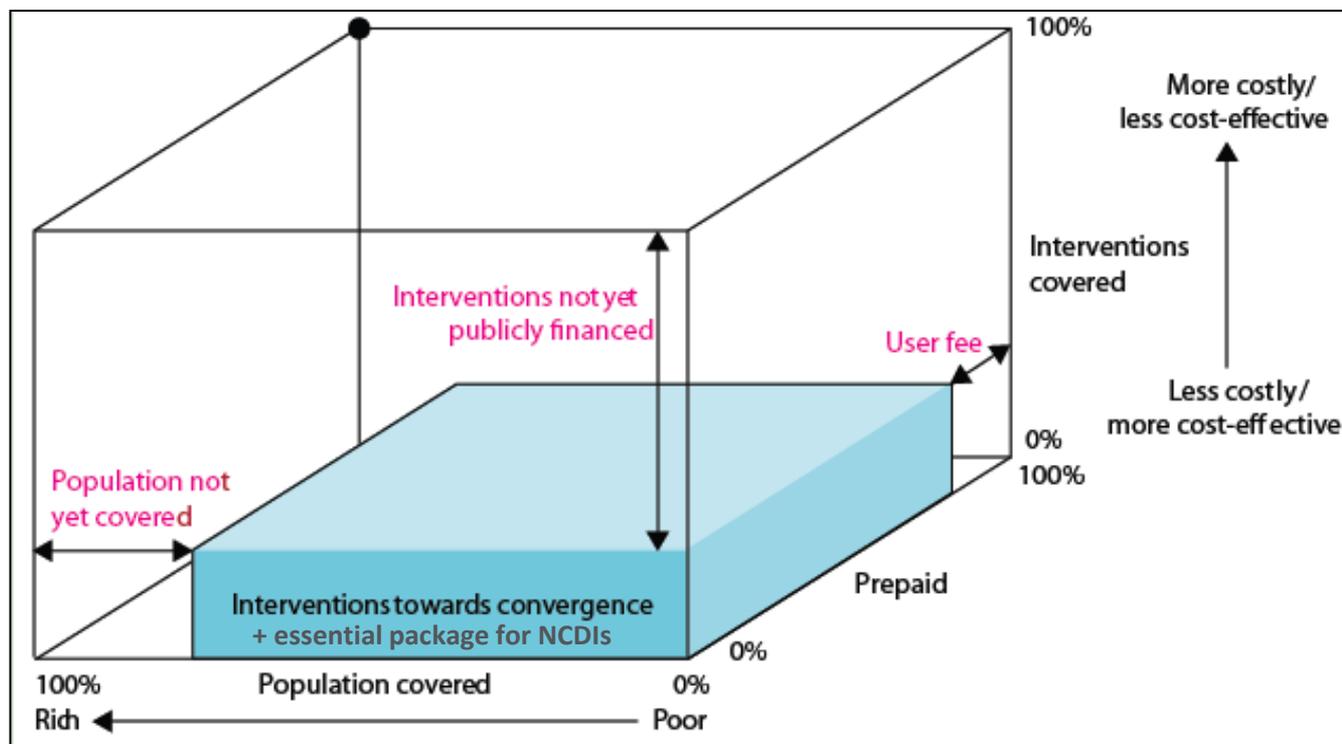
Single Greatest Opportunity To Curb NCDs is Tobacco Taxation

50% rise in tobacco price from tax increases in China

- prevents 20 million deaths + generates extra \$20 billion/y in next 50 y
- additional tax revenue would fall over time **but** would be higher than current levels even after 50 y
- largest share of life-years gained is in bottom income quintile

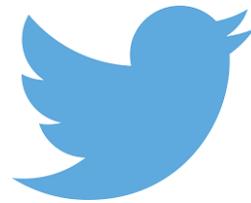


“Pro-poor” pathway to universal health coverage (blue shading)



Thank you

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