

Grand Challenges & Opportunities

Ethiopia: Health Care 2050

Yayehyirad Kitaw MD/MPH

Outline

- I. Introduction
- II. The **need** challenge
- III. The **'culture'** challenge
- IV. The **design** challenge
- V. The **finance** challenge
- VI. The **leadership** challenge
- VII. The **health workforce (HWF)** challenge
- VIII. The **technology** challenge
- IX. **Conclusions and call for action**



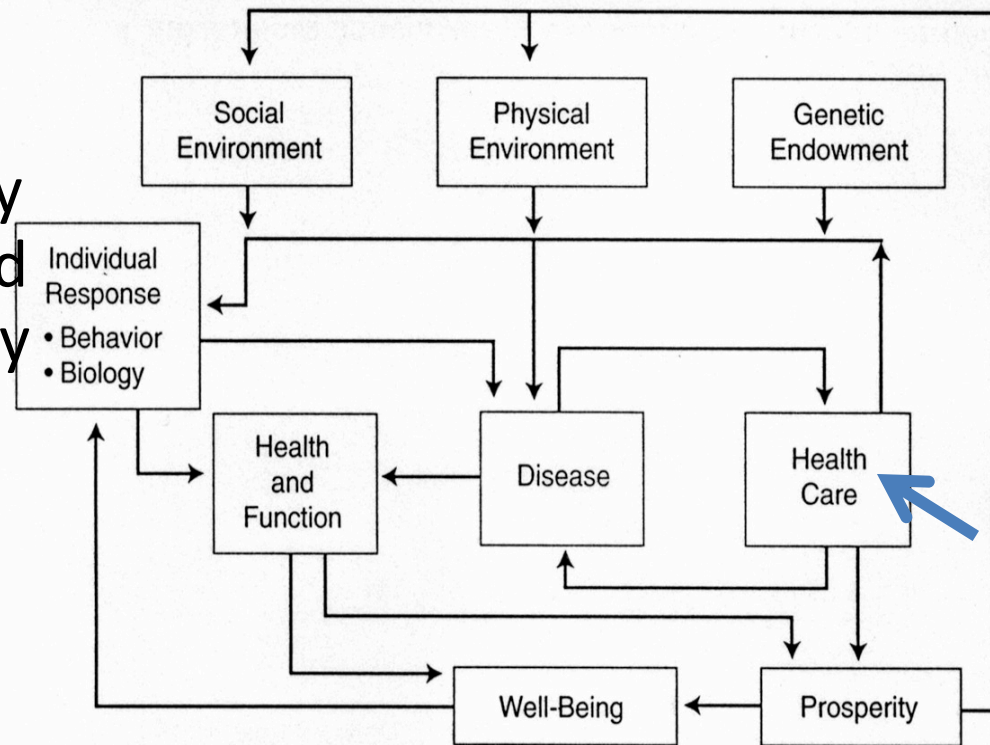
Introduction

“Long-range planning does not deal with future decisions, but with the future of present decisions” (Peter Drucker)

- The next 30 years to 2050 shaped by UHC & SDGs
- ‘every aspect of government & economy potential to affect health’ – identify priorities in context of heavy pressure to ensure improved availability, access & delivery
- Challenging Ethiopian context – highly diverse, weak HMIS etc.

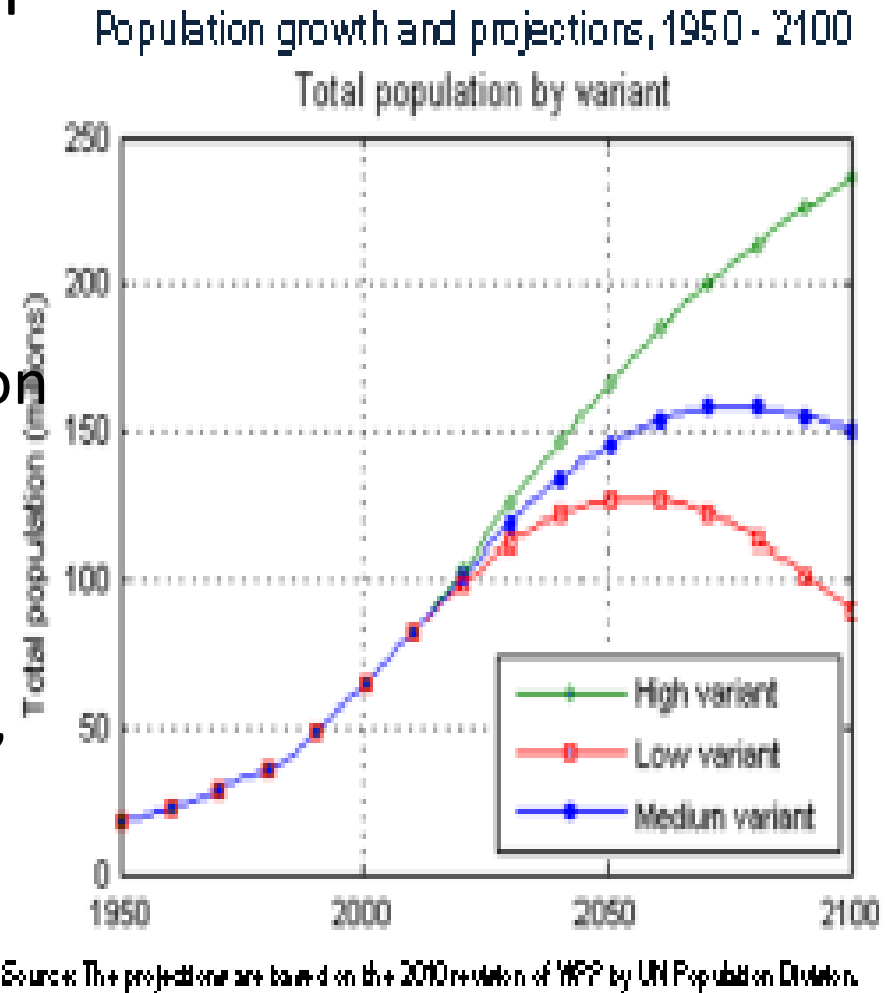
Model of the determinants of health

(Source: Cuff & Vanselow 2004)



Introduction (cont.)

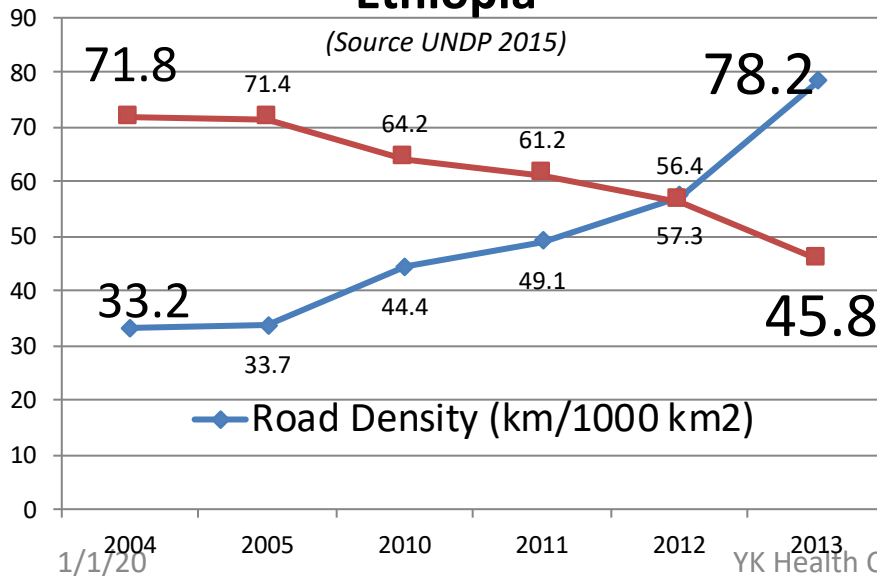
- The health care system will be different
 - rapid demographic, technological, financing, and behavioral & social changes
 - Lack of clean water & sanitation and burden of communicable diseases still high
 - increasing burden of NCD & injuries
- Required “future thinking” for the post-industrial/network age



The need challenge

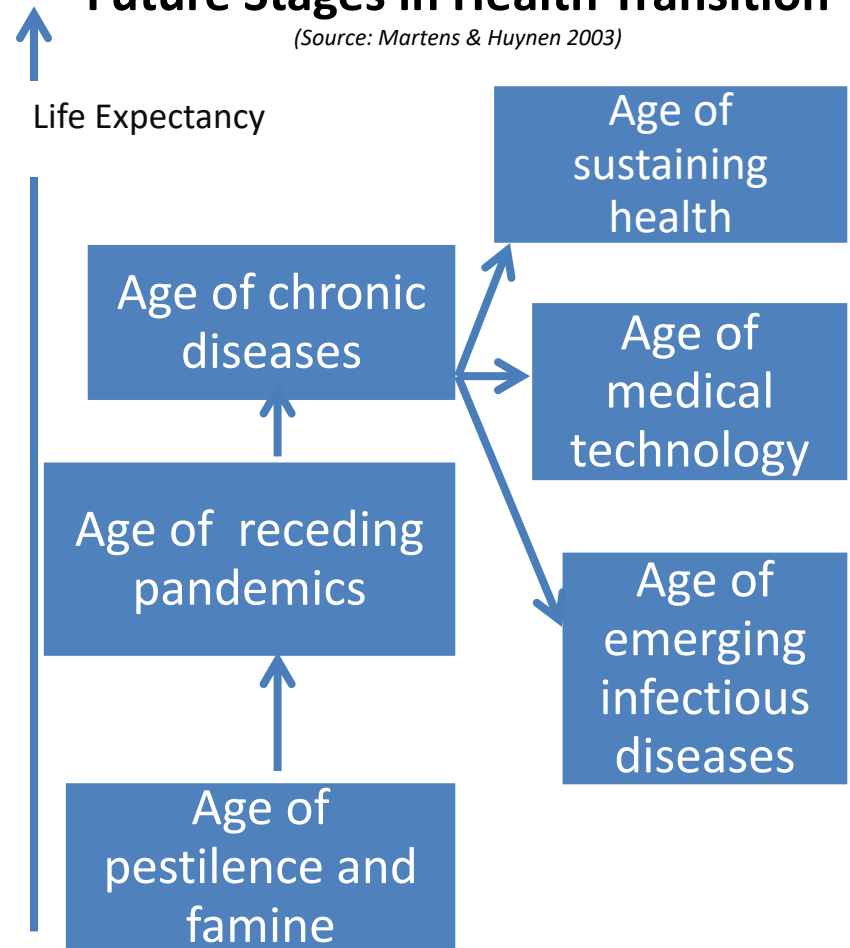
- Increasing: Population, Urbanization, threat of global pandemics, NCD
- more complex care needs
- compounded by
 - Poverty & inequity
 - large & rugged terrain & limited infrastructure

Road Expansion 2004-2013, Ethiopia



Future Stages in Health Transition

(Source: Martens & Huynen 2003)



The 'culture' challenge

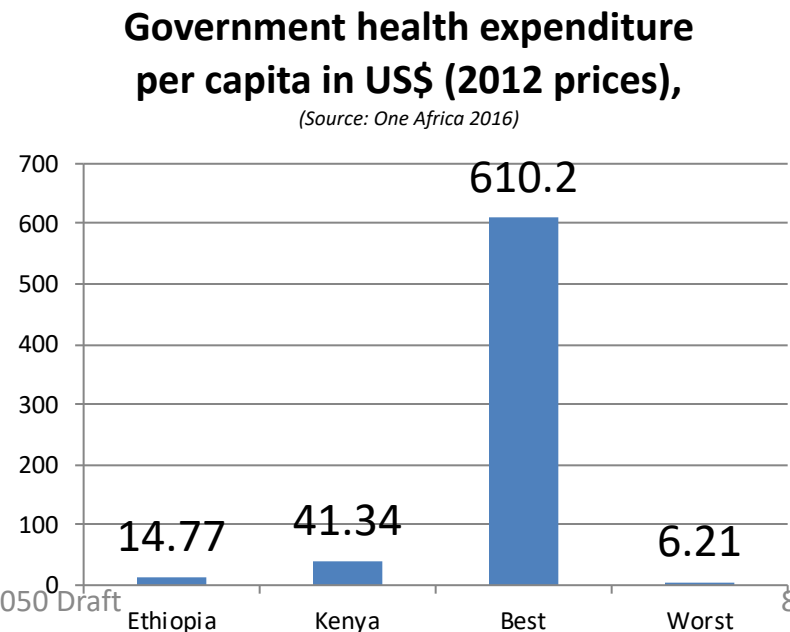
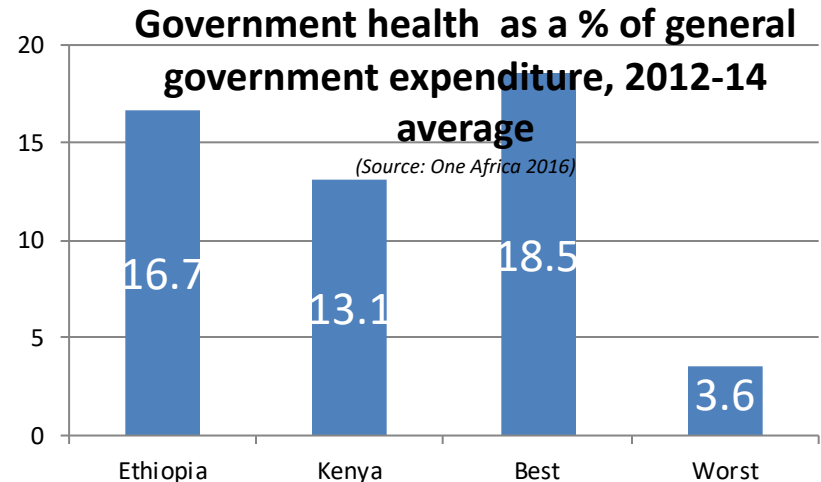
- cradle of humanity [*"We are all Ethiopians"*]; long history of statehood; reputed for "continuity, change and "creative incorporation"; on its own terms
- Opportunities (not fully tapped)
 - rich biodiversity
 - traditional medicine
- Challenges
 - Unmet MDGs - gender equality & maternal mortality
 - harmful traditional practices (fatalism/superstition, FGM, EM etc.)

The design challenge

- Move from treating episodic disease & injury to providing long-term, often complex, care
- redesigned health care system –
 - “more integrated (health services strengthening rather than vertical programs), person-centered, coordinated, community-based and focused on supporting people’s wellbeing and preventing crises”
 - emphasis on health promotion, disease prevention and integrated health service
- Designs that are
 - Participatory
 - evidence-based
 - anchored in context and relationships and support learning by doing

The finance challenge

- Ethiopia's health care financing
 - Financial accessibility major challenge
 - per capita US\$31 2016
 - Highly donor dependent
 - CBI & Social Insurance
- Required move towards:
 - compulsory (i.e. public) funding sources
 - reducing fragmentation
 - strategic purchasing
 - Sustainable financing strategies...



The leadership challenge

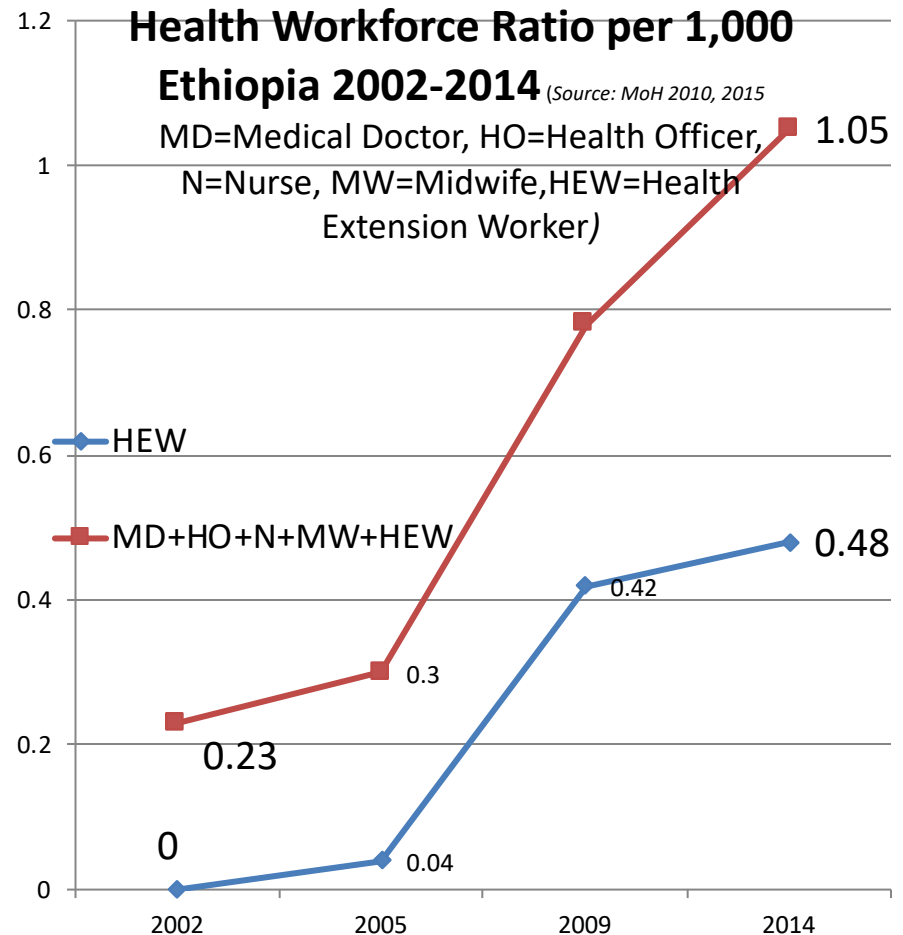
- Strong & skilled leadership
 - critical short supply at every level; district levels – ‘a hidden crisis’
 - digital health: new ethical & equity challenges
- Required, enhancing capacity of the healthcare system to think, study, research, discover, evaluate, teach, learn, improve

Impact of Digitalization and automation... Lollll



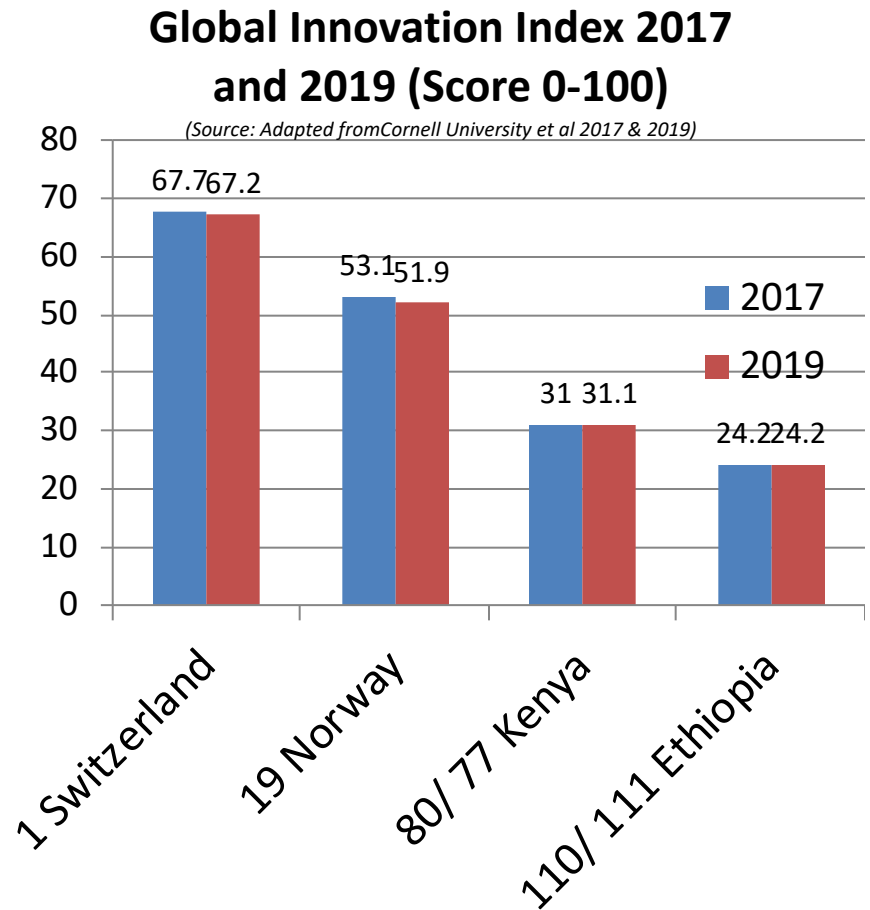
The health workforce (HWF) challenge

- determines efficiency of how others function
- Major global shortage
- Ethiopia
 - deep **HWF** crisis
 - ‘the flooding strategy’ -task shifting, accelerated training
 - quality of training; career structure & CPD; management, motivation & retention
- Required
 - factoring of population dynamics, globalization, (digital) technology & environmental & geopolitical
 - more coherent national system



The technology challenge

- Global:
 - post-industrial revolution/network age opening major avenues in health care
 - digital technology, AI⁺⁺
 - >100,000 healthcare apps
 - 2050 healthcare provision more proactive & continuous
- Ethiopia: Mobile phone – “Connected Woreda Program”, HEW, HDA, eMed, eHMIS etc.
- Challenges
 - divergent goals & incentives
 - issues related to quality, safety & confidentiality; bias in algorithms
 - taking ownership



Conclusions and call for action

- By 2050, health care dramatically different: from sick to real health care for most vulnerable
- overcoming challenges in
 - highly complex, rapidly evolving & globalizing world
 - multiple motivations of ever growing actors; multi-sectoral; fraught with losers & winners
- Required some visualization of the future
 - Draw lessons from attempts in USA, Europe, globally
 - continuously revisit our own scenarios (*Visioning 2030*)
 - More adaptive, flexible implementation approaches, ‘systems thinking’

“Based on decades of experience in health systems strengthening and confronting challenges in implementation and scale-up, the health systems community increasingly recognizes that interventions interact with the complex context in which they are implemented, often leading to unpredictable effects”
(Bezold 1997)



ከመስግናሊሁ
Thank You!