

Community Health Workers

Strengthening the Safety Net

Dr Badara Samb

Where are we?

TARGET

90-90-

90

TODAY

70-77-82

Progress is uneven



Sources: GARPR 2017; UNAIDS 2017 estimates.

90-90-90 target and community health care workers

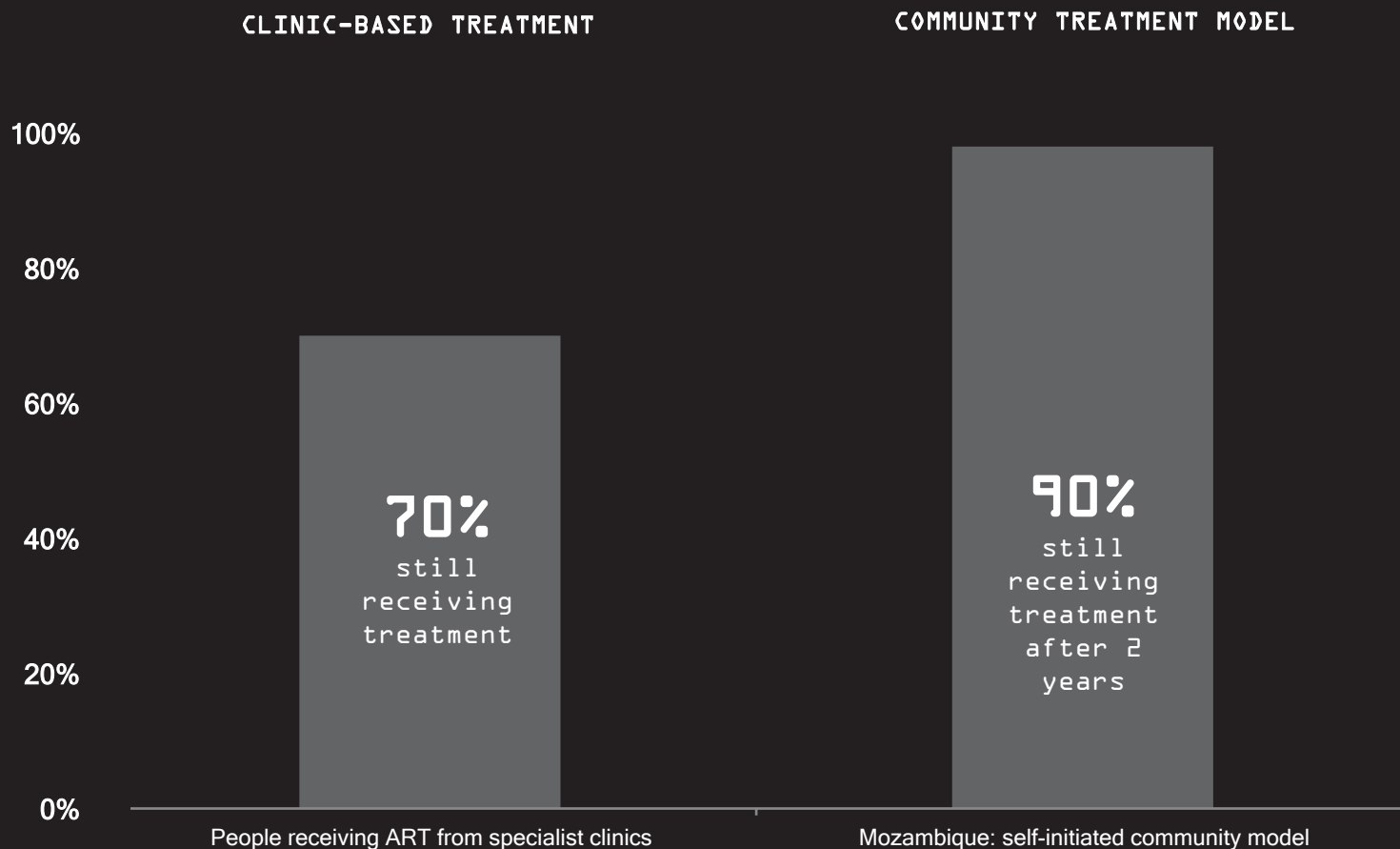
90-90-90 targets across Africa



Population density of community health care workers varies considerably across Africa



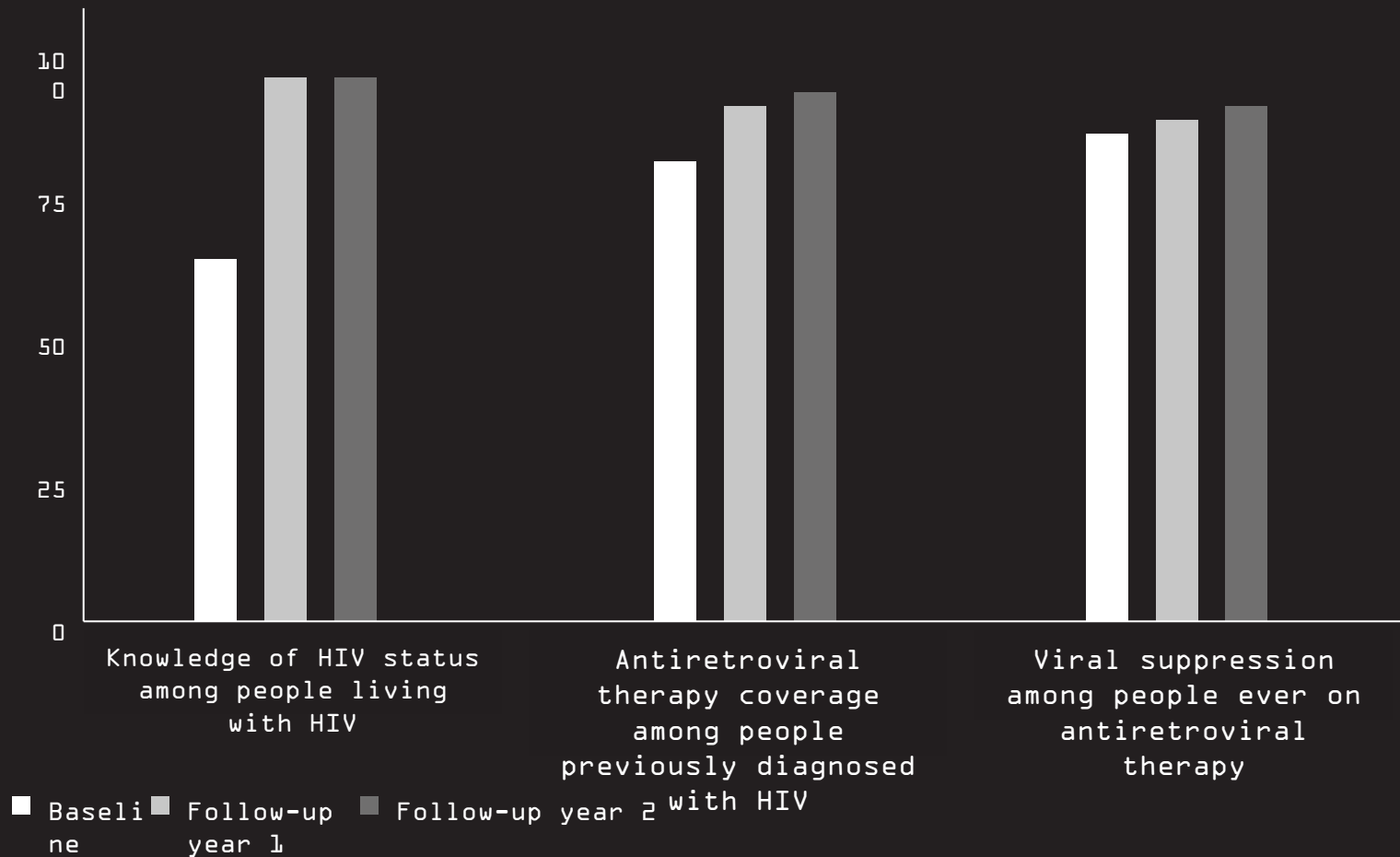
Community support keeps people on treatment: The experience in Mozambique, 2008-2010



Retention in antiretroviral therapy



90-90-90 achieved in Rural East Africa

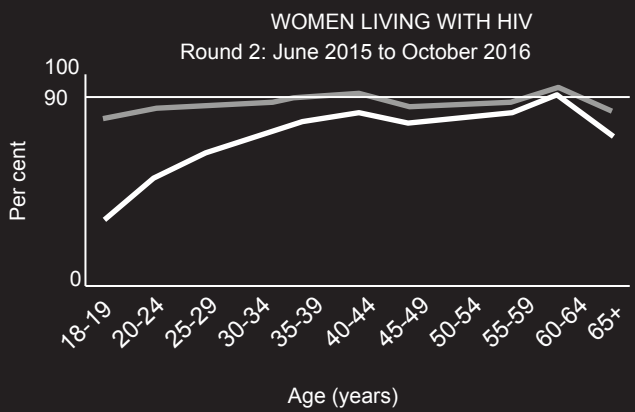
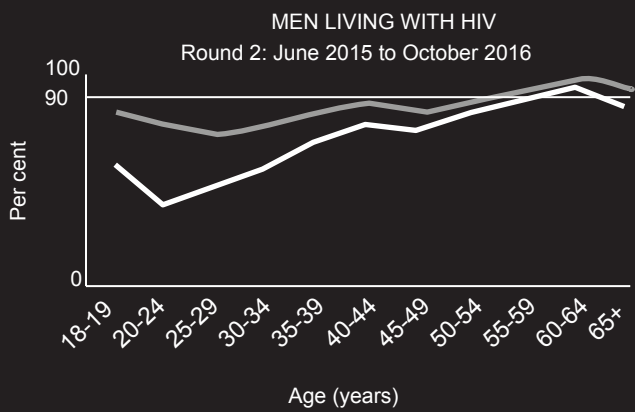
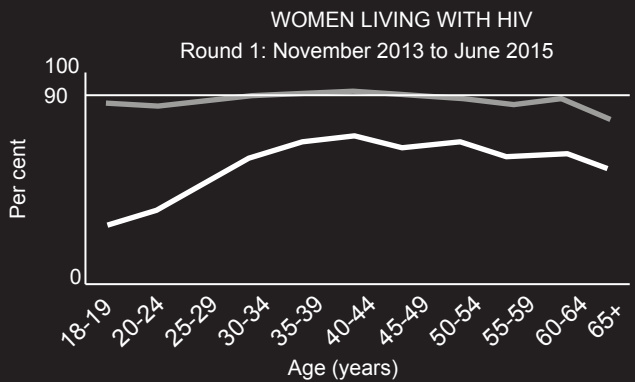
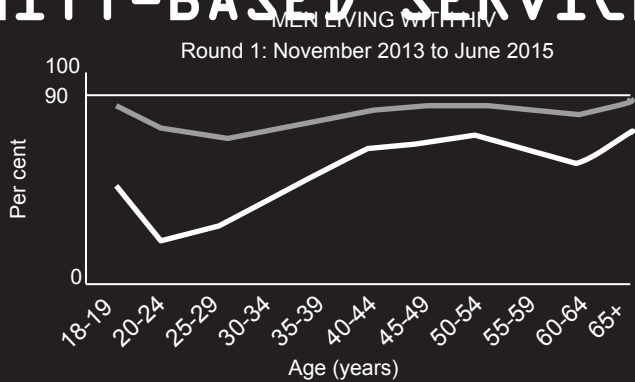


Progress towards the 90-90-90 targets, all ages, 16 SEARCH intervention communities in rural Kenya and Uganda

Source: Petersen M, Balzer L, Kwarsiima D, Sang N, Chamie G, Ayieko J et al. Association of implementation of a universal testing and treatment intervention with HIV diagnosis, receipt of antiretroviral therapy, and viral suppression in

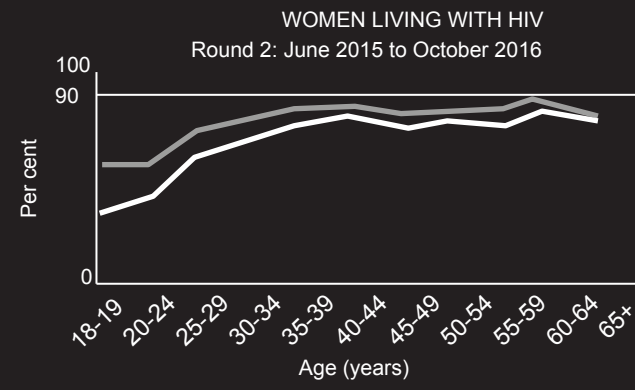
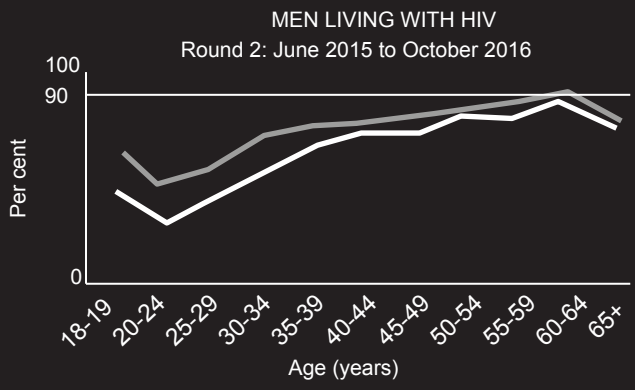
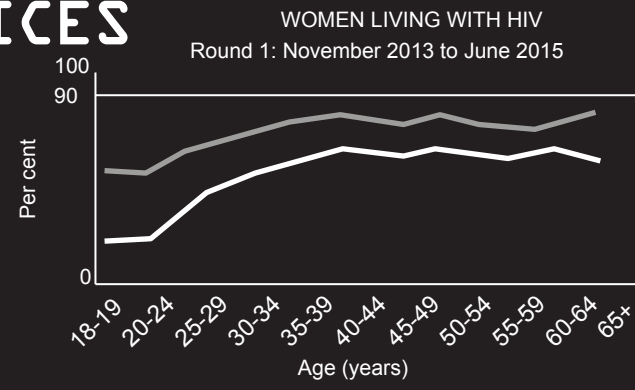
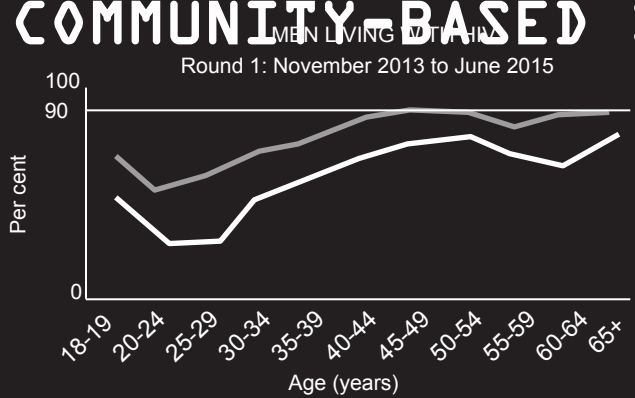
HPTN 071 (POPART) TRIAL: REACHING THE FIRST 90

KNOWLEDGE OF HIV STATUS BEFORE AND AFTER COMMUNITY-BASED SERVICES



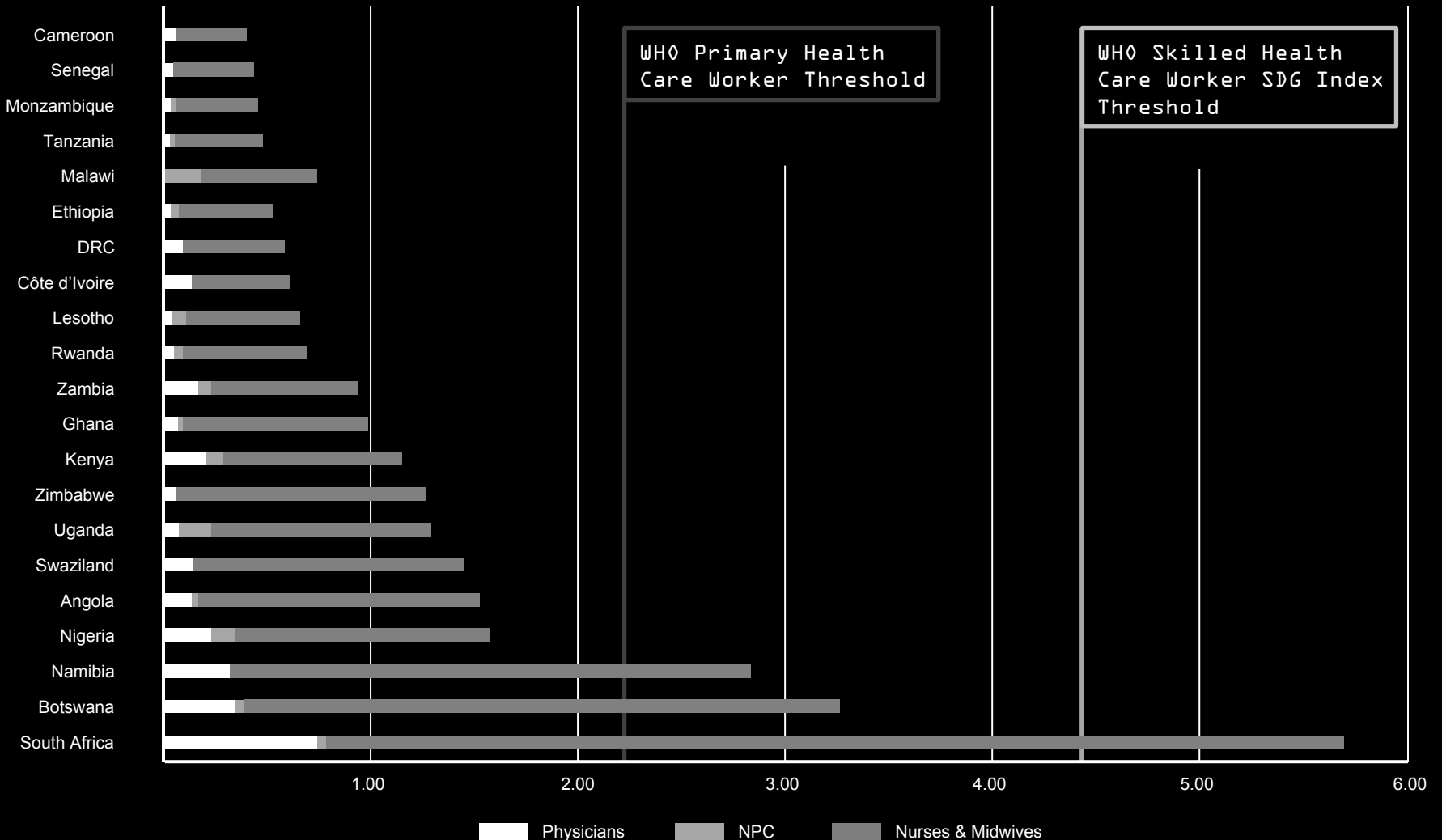
HPTN 071 (POPART) TRIAL: REACHING THE SECOND 90

ANTIRETROVIRAL THERAPY COVERAGE BEFORE AND AFTER COMMUNITY-BASED SERVICES



HCW shortage in Africa

Density of physicians, non-physician clinicians, nurses and midwives in key sub-Saharan African countries (per thousand population)



WHO has made the case for a minimum primary health care worker threshold of 2.28 physicians, nurses and midwives per thousand population WHO, Working Together for Health. For a background on the WHO's analysis, see N. Speybroeck et al., "Reassessing the Relationship Between Human Resources for Health, Intervention Coverage and Health Outcomes: Evidence and Resources for Health, Intervention Coverage and Health Outcomes: Evidence and Information for Policy," 2006, http://www.who.int/entity/hrh/documents/reassessing_relationship.pdf. More recently, WHO has developed a higher threshold incorporating SDGs Human Resources for Health Observer, 17 – 2016.

The SDG Challenge

SDG 1



No poverty

SDG 5



Gender
inequality

SDG 3



Good health
and well-being

SDG 8



Decent work
and economic
growth



Creating 2 million community health care jobs in Africa

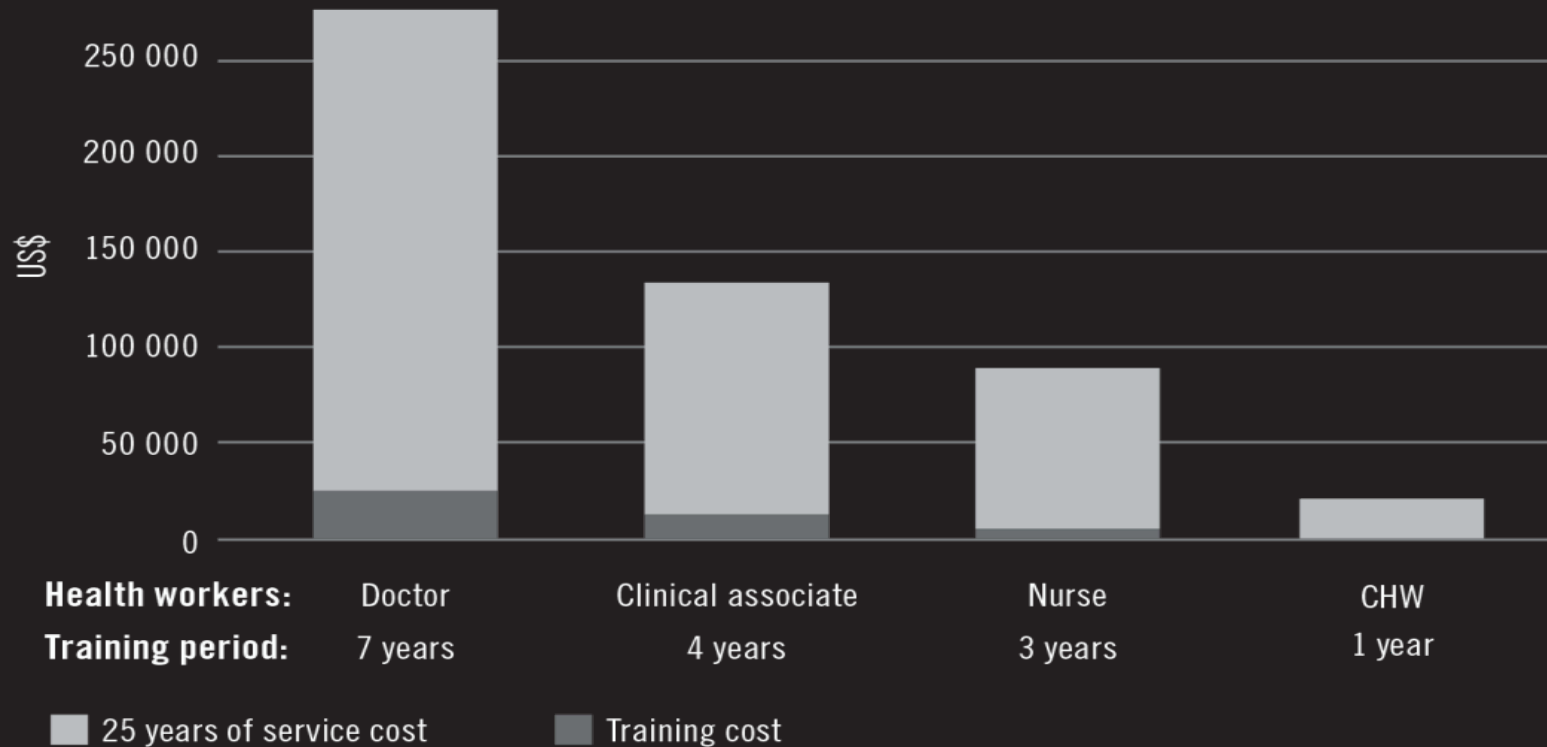
*Harnessing the demographic dividend, ending
AIDS and
ensuring sustainable health for all*

10 key action steps

1. Political priority
2. Reform policy networks
3. Develop national scale-up plan
4. Empower communities to drive recruitment
5. Use and adapt existing tools
6. Provide fair compensation
7. Ensure supervision and monitoring
8. Train other health care workers
9. Ensure CHWs have a voice
10. Mobilize financing

AVERAGE COST OF HEALTH WORKERS ACROSS 9 EAST & SOUTHERN AFRICAN COUNTRIES*

Discounted present value of training plus compensation over 25 years of



*Ethiopia, Kenya, Malawi, Mozambique, Rwanda, United Republic of Tanzania, Uganda, Zambia and Zimbabwe.

Community Health Workers

The needs in Africa

Total needs:	2,000,000 CHWs
Average country needs:	36,592 CHWs [150 - 318,000]
Average starting point:	28,000 CHWs [range 0-439,000]
All inclusive average annual cost (Ethiopia model):	USD 40 M [range USD 0.6 M - USD 1,052 M]

* Excluding pharmaceuticals and medical consumables

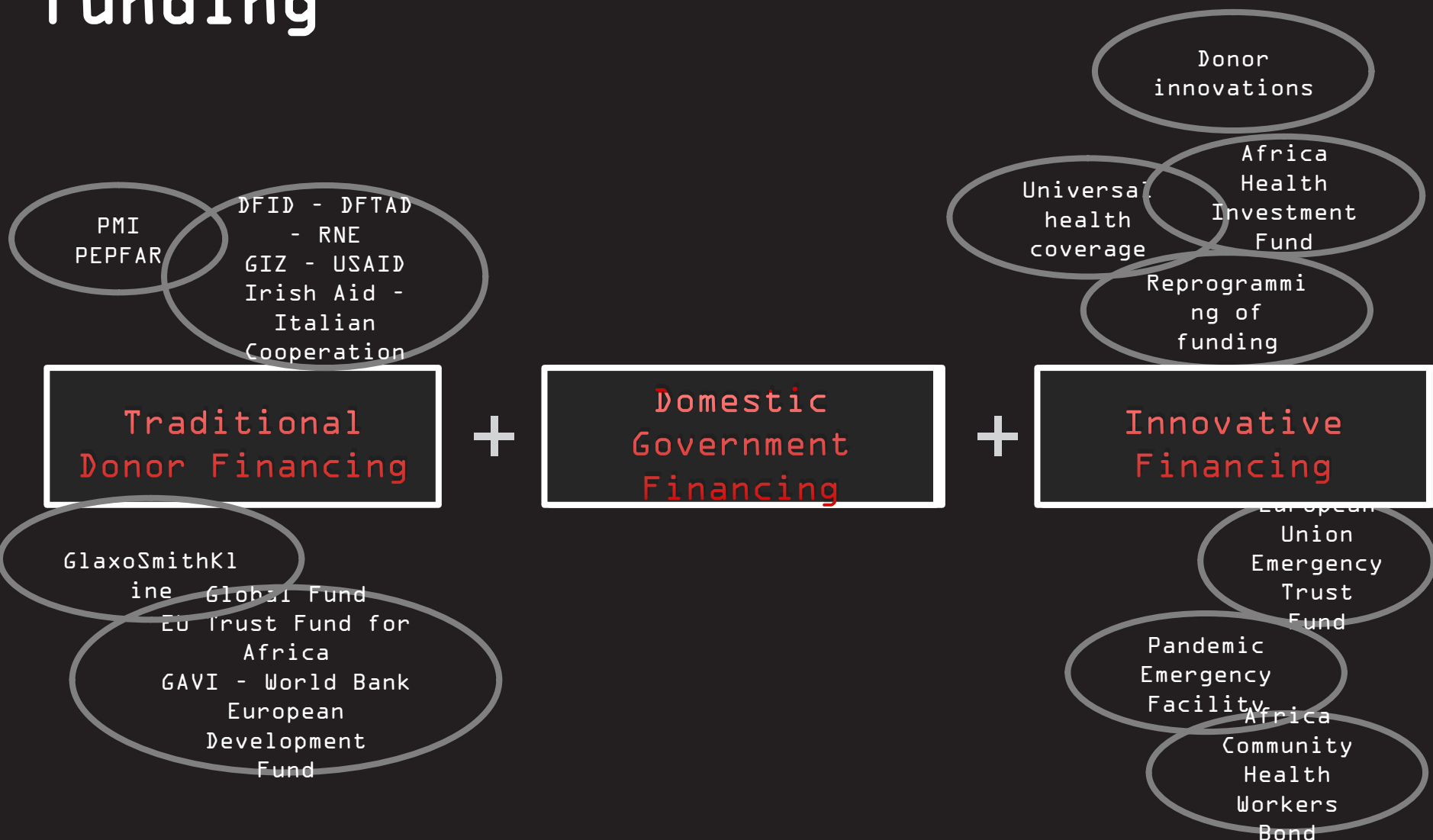
1 Million CHWs in sub-Saharan Africa

Productivity gained per year:	19.4 bn
Economic losses averted per year:	0.75 bn
Multiplier effect:	1.6 bn
All inclusive average annual benefit	21.75 bn

Return on investment

10:

Possible sources of funding



Easily accessible funds

- Emergency Trust Fund for Africa: €2.85 billion
- G20 Initiative for Rural Youth Employment: Creating: 1.1 million new jobs by 2022
- Health systems windows in COPs and GF



MI