

Outbreaks Start and Stop in Communities: Community Health Workers in an Age of Pandemics

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Lessons from Africa: Building Resilience
through Community-Based Health Systems
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**LAST
MILE
HEALTH**





WORLD GOES ON RED ALERT





UNIT 3: EBOLA FACTS AND SAFETY HOW EBOLA IS SPREADING IN LIBERIA

Ebola is spreading in Liberia right now

Person to person



through body fluids of a person that is sick with or has died from Ebola.

Body fluids are things like ...



Ebola enters the body through

It can spread to us when we touch our eyes, nose, or mouth

Or through small, open cuts in our skin



Additional ways of spreading

Do not touch

Do Not touch

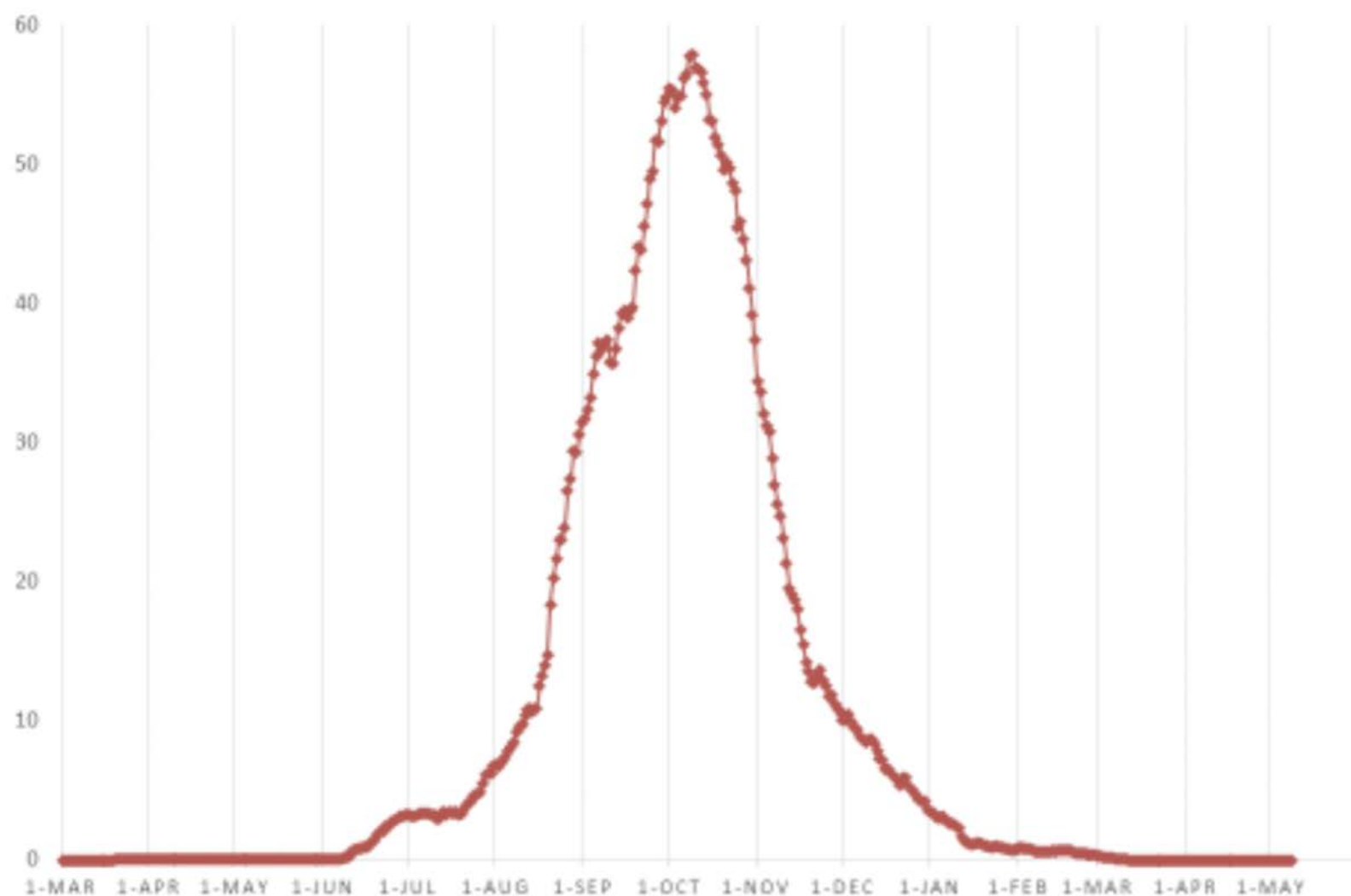
Do Not touch

Do Not touch



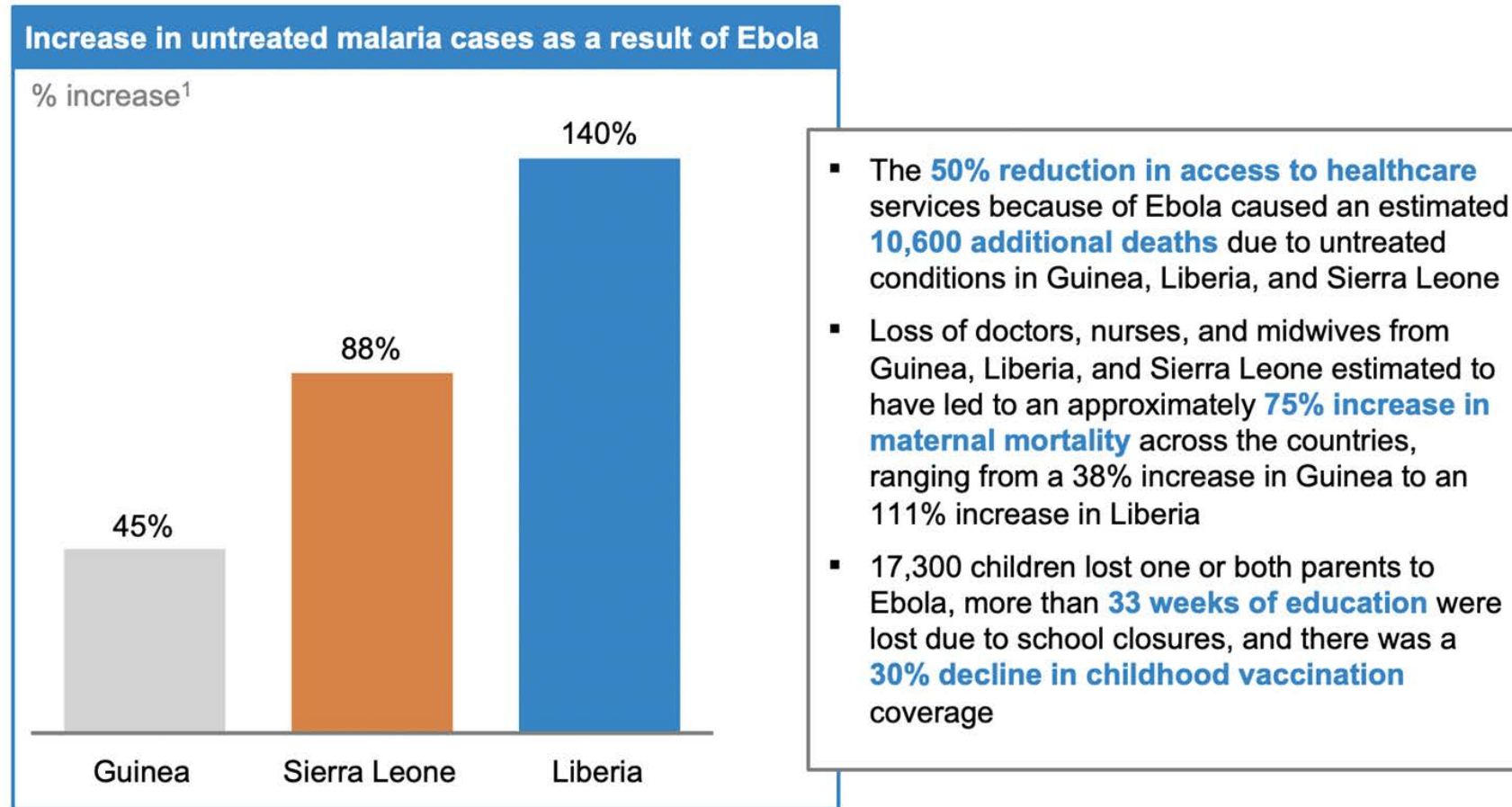


Number of Confirmed Ebola Cases/Day up to 9th May 2015 as moving average per day in the last 21 days



INVESTING IN PEOPLE CLOSEST TO THE
PROBLEM IS THE ROOT OF RESILIENCE

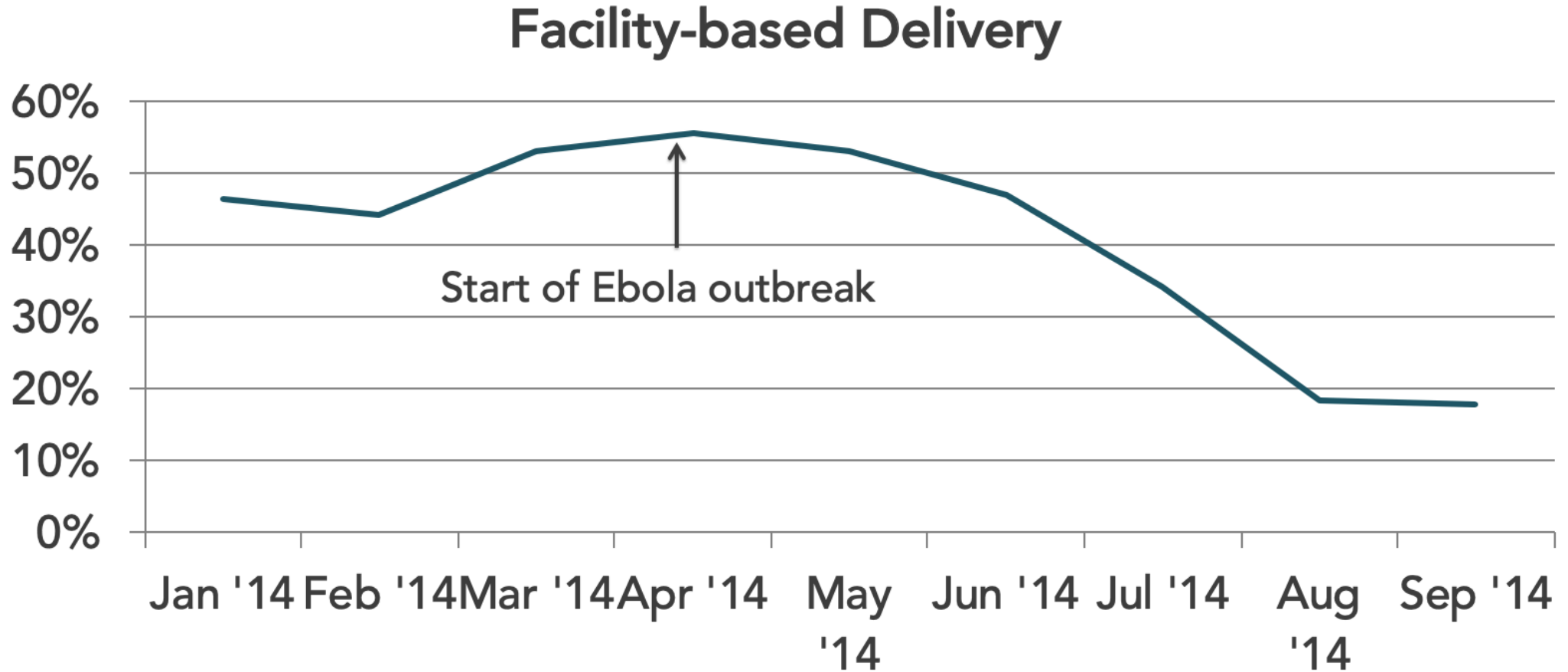
Epidemics don't only threaten our immune systems, they can devastate our health systems.



Source: US CDC, Walker, P. G., et al (2015). "Malaria morbidity and mortality in Ebola-affected countries..."; Evans, D.K., (2015). "Health-care worker mortality and the legacy of the Ebola epidemic"; Parpia, A.S. et al (2016). "Effects of Response to 2014-2015 Ebola Outbreak on Deaths..."

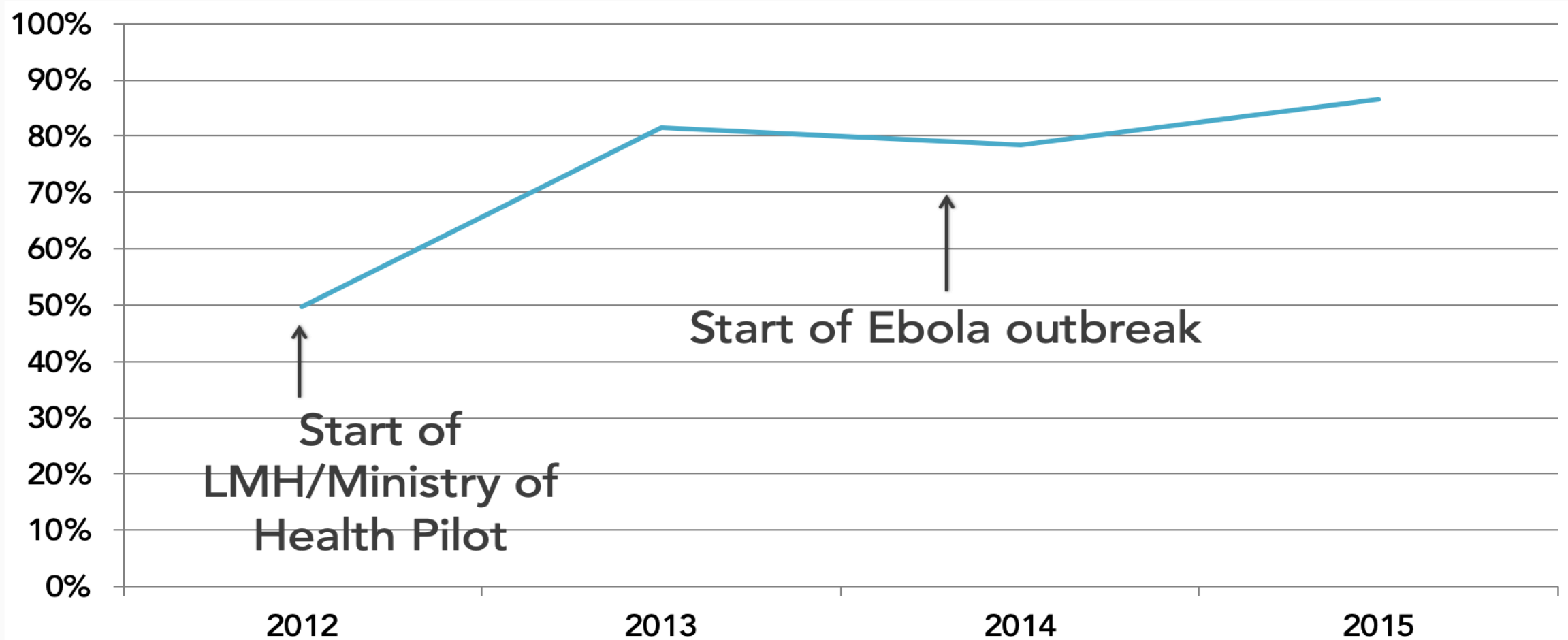
Courtesy of Wendy Taylor

FACILITY-BASED DELIVERY: LIBERIA



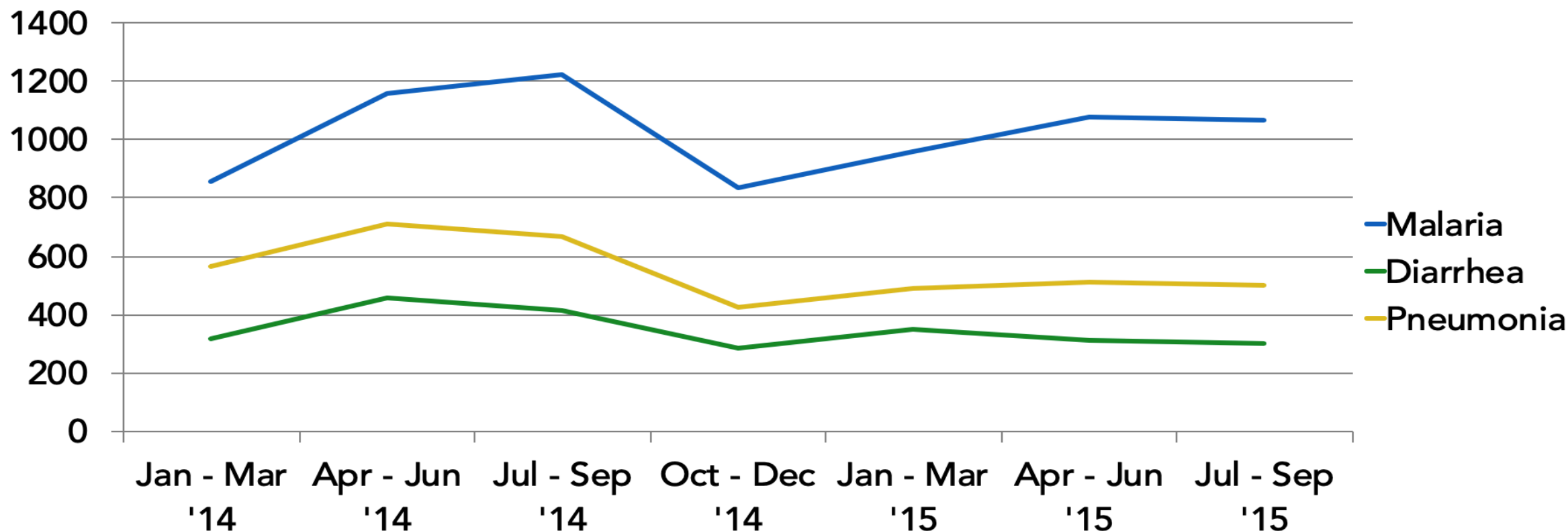
Nationally, Liberia experienced a 3X decrease in facility-based delivery

FACILITY-BASED DELIVERY: KONOBO



In Konobo, the facility-based delivery rate remained high, dropping by just 3%

SICK CHILD TREATMENT: KONOBO



In Konobo, integrated community case management (iCCM) services were sustained throughout the course of the outbreak

Progress to Date: Liberia's National Community Health Assistant Program



3.6 Million

Home visits conducted including 229,562 pregnancy home visits



363

Community clinics staffed by frontline health workers



80%

Percentage of community health workforce deployed through the National Community Health Assistant Program



299,037

Pregnancy home visits conducted



1.1 Million

Cases of malaria, pneumonia, and diarrhea treated, and malnutrition cases screened in children under 5



4,914

Potential epidemic cases reported



3,777

Digitally empowered community and frontline health workers



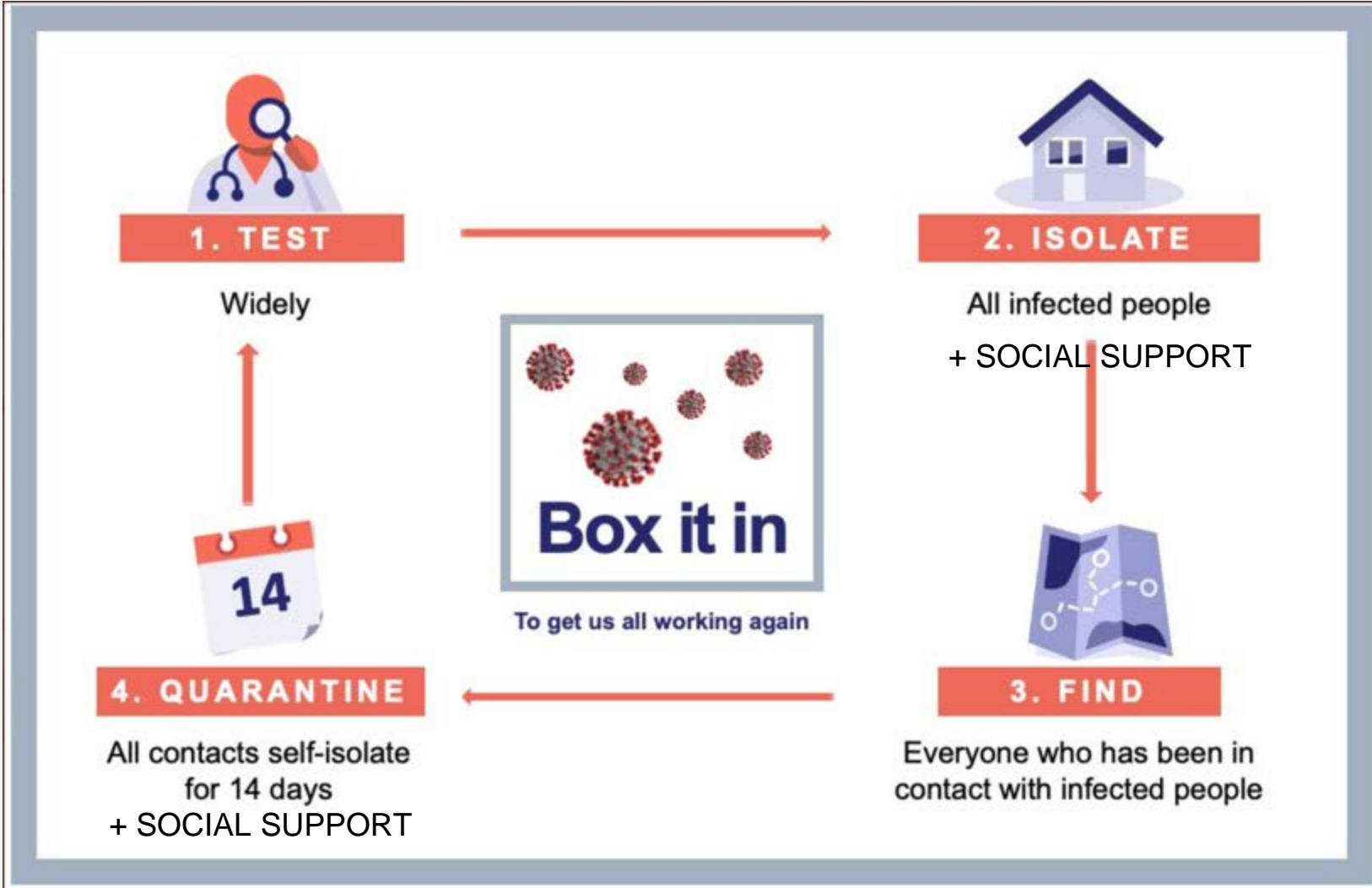
186,788

Women with access to family planning



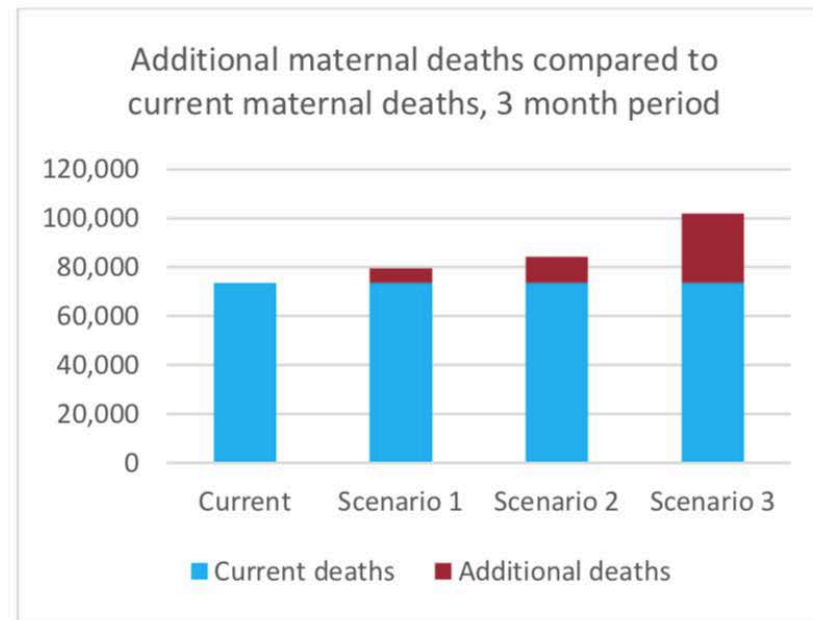
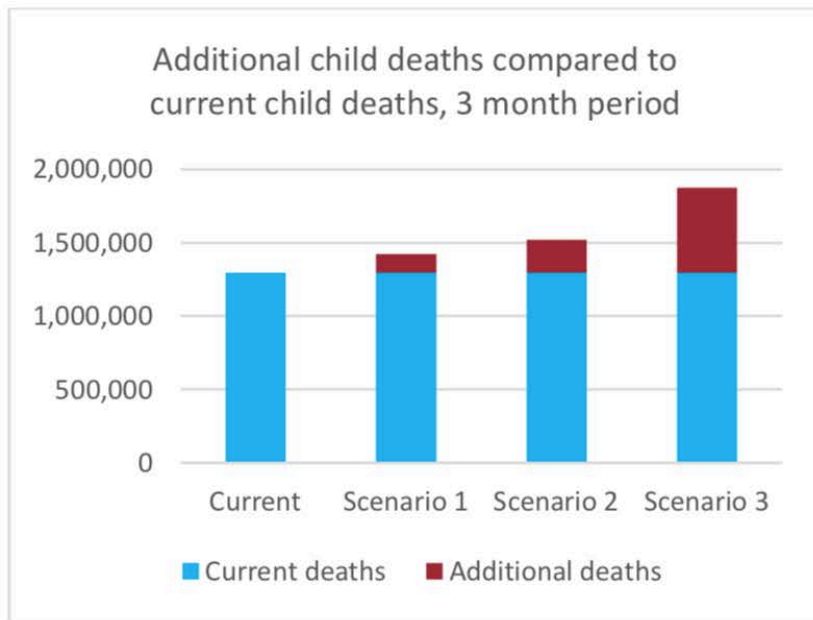
THE BEST EMERGENCY SYSTEM IS AN EVERYDAY
SYSTEM
THAT CAN SURGE IN A CRISIS

COVID19 CHALLENGE 1: HOW TO ACHIEVE RAPID & SUSTAIN VIRAL SUPPRESSION?



COVID19 CHALLENGE 2: HOW TO PREVENT PRIMARY HEALTHCARE SYSTEM COLLAPSE?

GFF leaders warn of emerging secondary global health crisis from disruptions in primary health care due to COVID-19



Source: Robertson, Timothy and Carter, Emily D. and Chou, Victoria B. and Stegmuller, Angela and Jackson, Bianca D. and Tam, Yvonne and Sawadogo-Lewis, Talata and Walker, Neff, Early Estimates of the Indirect Effects of the Coronavirus Pandemic on Maternal and Child Mortality in Low- and Middle-Income Countries (April 15, 2020). Available at SSRN: <https://ssrn.com/abstract=3576549> or <http://dx.doi.org/10.2139/ssrn.3576549>

Community health workers help primary health systems detect COVID-19 cases, trace contacts, and sustain essential health services.



A woman is tested for COVID-19. Copyright Kim Ludbrook/EPA/Shutterstock

| Roles for community health workers in COVID19 screening, testing and tracing – and sustaining essential health and immunization services. | |
|---|--|
| DETECT COVID19 | <ul style="list-style-type: none">- Community health workers equipped with appropriate PPE conduct door-to-door screening for symptoms of COVID19- Ex: In South Africa they have screened over 11M people (~20% of population) for COVID symptoms. |
| TRACE CONTACTS | <ul style="list-style-type: none">- Community health workers carry out contact tracing; support isolation, monitor patients for clinical deterioration- Ex: In Ethiopia they have traced thousands, with support from rapid response teams and mobile apps. |
| SUSTAIN PRIMARY CARE | <ul style="list-style-type: none">- Community health workers trained on updated safe protocols to sustain services like malaria care & vaccines- Ex: In Liberia, they test and treat ~50% of rural children with malaria – which has been sustained during COVID19. |

Source: The South African Response to the Pandemic <https://www.nejm.org/doi/full/10.1056/NEJMc2014960>
Source: Summary Note: GFF Knowledge Sharing Webinar The Role of Community Based Primary Healthcare in COVID19 https://www.globalfinancingfacility.org/sites/gff_new/files/documents/Webinar-Summary-Note-Role-of-Community-Based-PHC-in-COVID-19.pdf
Source: https://blogs.bmj.com/bmj/2020/03/27/prevent-detect-respond-how-community-health-workers-can-help-fight-covid-19/?utm_campaign=shareaholic&utm_medium=twitter&utm_source=socialnetwork

Call To Action

