ABOUT THE CENTER FOR HEALTH MARKET INNOVATIONS

The Center for Health Market Innovations (CHMI) promotes programs, policies, and practices that make quality healthcare affordable and accessible to the world’s poor. Operated through a global network of partners since 2010, CHMI is managed by the Results for Development Institute (R4D) with support from the Bill & Melinda Gates Foundation, the Rockefeller Foundation, and UKaid.

Details about more than 1,500 innovative health enterprises, nonprofits, policies, and public-private partnerships can be found online at HealthMarketInnovations.org.

ABOUT THIS REPORT

This report was compiled by the CHMI team at Results for Development: Jeff Arias, Cynthia Charchi, Danika Dimovska, Allison Ettinger, Lane Goodman, Gina Lagomarsino, Jessica Magoon, Rachel Neill, and Kara Suvada, Christina Syniewicz, and Susan Tewolde. CHMI’s regional innovation partners, listed below, contributed insights on new programs and practices.

RECOMMENDED CITATION

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CHMI’S REGIONAL INNOVATION PARTNERS

• ACCESS Health International: India*
• Bertha Centre for Social Innovation & Entrepreneurship: South Africa*
• BroadReach Healthcare: South Africa
• Consultation of Investment in Health Promotion: Vietnam
• Freedom From Hunger, Bolivia, Ecuador, Peru
• Institute of Health Policy, Management & Research: Kenya, Rwanda, Tanzania, Uganda
• Interactive Research & Development: Pakistan*
• Mercy Corps: Indonesia
• Philippine Institute for Development Studies: Philippines
• Africa Capacity Alliance: Kenya*
• Swasti Health Resources Centre: India*
• Salina Health: Nigeria*
• The Asia Foundation: Pakistan

*Active during 2015

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DEAR COLLEAGUES,

CHMI was created in 2010 to enable health systems around the world to better utilize health market innovations with the goal of providing better quality, more affordable, and more accessible healthcare, especially for the poorest and most vulnerable. Health innovators, donors, investors, policy makers, and academics rely on CHMI’s online platform—documenting 1,500 health nonprofits, social enterprises, public-private partnerships, and policies—for insights on innovative health programs and analysis on developments in health markets. As the largest global public source of information on health innovations, CHMI actively supports collaborative learning to help promising programs improve, scale up, and adapt their models.

SOME OF OUR EXCITING HIGHLIGHTS FROM THE PAST YEAR INCLUDE

• CHMI’s Primary Care Learning Collaborative published the Primary Care Innovator’s Handbook: Voices from Leaders in the Field to great success with over 2,500 downloads. The Handbook captures the experiences of primary care innovators from around the world, and has been used to facilitate cross-border collaboration between innovators.

• CHMI’s Adaptation Framework for Global Exchange of Innovation is in use in South Africa, India, and the United States to support the transfer of promising practices to new contexts. The Framework has also shaped CHMI’s new learning and adaptation activities.

• CHMI’s regional partners have worked on fostering increased collaboration and partnership between health innovators and government policymakers in Kenya, Nigeria, and India.

• In early 2015, CHMI launched CHMI Plus, a system to make programs’ monitoring and evaluation practices readily available. With CHMI Plus, it is easy to search the CHMI database for innovations that share information on their activities, M&E strategies, and evidence of impact.

NEW IN THIS REPORT

In this year’s edition of Highlights, we are excited to provide new insights on the universe of health innovations in our global database.

• Explore how the market is evolving for several health areas. We examine how programs are responding to disasters, review how health innovators are addressing the needs of the growing global youth population, and look at the growing role of technology developed to pay for care. Page 12

• Discover the work of CHMI’s regional partners around the globe, and learn about their efforts to shape their countries’ health markets in order to benefit the poor. Page 14

• Read insights from our portfolio of work to foster learning and adaptation and promote the diffusion of promising practices across different contexts and geographies. Page 27

In 2015, CHMI underwent a strategic review of its work of the past five years. The review found that CHMI is an essential and relevant resource for the field and that its work achieves tangible results, informing policy and practice. Going forward, CHMI will continue working to improve health markets around the world through the diffusion of promising models that advance rational and global health priorities. Read more on how we are applying the lessons of the past five years in our future work on page 41.

We welcome your feedback on Highlights: Findings from 2015 and on our work to promote programs, policies, and practices improving the quality, affordability, and availability of healthcare for the poor.

Sincerely,

[Signature]

Donika Dimovska | ddimovska@r4d.org
Results for Development Institute, On behalf of the CHMI network
Health markets offer both challenges and opportunities. Patients do not always seek the kind of care that will make them healthier, and providers do not always act in the patients’ best interest. Appropriate care can be expensive, and out-of-pocket payments can push people further into poverty. However, health markets can also be a source of creative new approaches that offer the potential to achieve greater efficiencies, better quality, and increased access to care.

WHAT ARE HEALTH MARKET INNOVATIONS?
Health market innovations are programs, practices and policies—implemented by governments, nongovernmental organizations (NGOs), social enterprises, or private companies—that seek to improve the availability and affordability of quality care for the poor.

HOW DOES CHMI IMPROVE HEALTH MARKETS?
CHMI promotes innovative programs, policies, and practices that improve healthcare and health markets. Operated through a global network of partners since 2010, CHMI is managed by Results for Development (R4D), an international nonprofit seeking innovative solutions to a range of development challenges. Our vision is for health systems around the world to better utilize health market innovations to deliver quality, affordable, and accessible care, especially for the poorest and most vulnerable.

WHAT KINDS OF PROGRAMS ARE INCLUDED IN CHMI’S PROGRAMS DATABASE?
CHMI profiles programs that work in low- and middle-income countries (LMICs), serve low-income communities, and work with health market innovations—harnessing innovation to deliver health services, finance care, or monitor their performance.

All of CHMI’s data on innovative programs are public. Details about innovative health enterprises, nonprofits, policies, and public-private partnerships in low- and middle-income countries can be found online in the free, interactive programs database at HealthMarketInnovations.org.

Through the database, research publications, in-person facilitated learning events, and strategic in-country and global partnerships, CHMI collects and disseminates information, conducts analysis, and creates connections between people implementing, funding, and studying innovative health programs.

WHY FOCUS ON IMPROVING HEALTH MARKETS?
The health market is where healthcare transactions are made by consumers and providers of services.

These markets play a major role. In most developing countries, even where public facilities offer care free of charge, the poor rely on private providers operating within the health market for a large portion of their care.

Our vision is for health systems around the world to better utilize health market innovations.

Photo: D-Tree International | A community health worker in Zanzibar weighs a child at an Under 5 clinic.
HIGHLIGHTS OF DEVELOPMENTS IN HEALTH MARKETS

Over the past year, CHMI’s database has grown to include 1,500 profiles of innovative health programs in 130 countries. Explore the database in full at HealthMarketInnovations.org/programs. The majority of programs selected for this report, and for other CHMI benefits, are those with a CHMI Plus “GOLD” rating. These programs share updates on their activities and results, and share Monitoring and Evaluation information to help others improve. Learn how to improve your program rating at HealthMarketInnovations.org/CHMIPlus.

CHMI’s database reveals how health markets in LMICs continue to evolve over time. Since 2010, we have analyzed programs across different health topics, geographic locations, legal structures, and many other dimensions to explore these changes and developments. For example, a key development is the growth of documented for-profit enterprises, which now comprise 28% percent of CHMI-profiled programs. This may be due to the fact that CHMI has prioritized the documentation of market-based models (many of which tend to be for-profits)—however, it may also indicate a general rise of for-profit business models over the past five years. This is a broad trend that we continue to track and analyze. A second example is the rise of technology-enabled models. Technology has emerged as a major influence on services provided by programs launched in the past five years. The expanding role of technology in health is rapidly opening new interventions such as telemedicine, call centers, and healthcare hotlines. The proportion of programs using technology to virtually connect with patients is 12% higher for programs launched in the 2010-2015 period than for programs launched prior to 2010.¹

¹ It is important to note that the CHMI dataset is not representative of all healthcare programs and may be biased for particular geographic regions and market-based models. The data should be interpreted as a sampling of programs—and only those that meet our specific inclusion criteria.
RESPONDING TO DISASTERS

Millions of people around the world are injured, killed, or left homeless as a result of natural or man-made disasters and emergencies. Increasingly, health policymakers around the world focus on creating more resilient health systems. The CHMI database documents 32 programs that respond to a variety of emergencies ranging from disease outbreaks to natural disasters such as earthquakes. Most of these programs are based in East Asia, and many provide psychological counseling to disaster victims and utilize information and communication technology to track epidemics and diseases.

For example, primary healthcare programs like Last Mile Health in Liberia and Possible Health in Nepal were uniquely equipped to respond to disasters in their countries of operation in recent years. Last Mile Health’s innovative approach to training and organizing frontline health workers allowed the organization to reach remote areas of northern Liberia severely affected by Ebola. Possible Health’s infrastructure in rural areas of Nepal enabled the organization to provide victims of the April 2015 earthquake with supplies and doctors.

COMMUNICATION TECHNOLOGY TO TRACK EPIDEMICS AND DISEASES

ReliefWatch is a cloud-based medical supply and disease tracking platform that uses automated voice calls and simple mobile phones to reduce shortages in the supply of essential medicines in Honduras, Mozambique, Nicaragua, and Panama. The system provides real-time data to reduce medical stock-outs and expirations, and has the ability to track diseases to prevent an outbreak from turning into an epidemic.

Surveillance in Post Extreme Emergencies and Disasters (SPEED) is a Philippines-based early warning disease surveillance system for post-disaster situations launched by the Philippine Department of Health and the World Health Organization in 2010. Health workers in evacuation areas conduct consultations with patients, where they complete reporting forms and enter the information into the SPEED system using SMS. SPEED then identifies potential disease outbreaks for health managers, local chief executives, and other individuals so they may take further action.

In Cambodia, Smart Mobile is a wireless operator that provides low-cost access to SMS applications, such as GeoChat, to the Ministry of Health and NGOs in order to respond to infectious disease outbreaks in a timely manner. GeoChat can be used by public health officials with smart phones to establish group chats, share reports of information from the field, and send targeted alerts.

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RESPONDING TO DISEASE EPIDEMICS

Eighteen programs documented by CHMI provide services to communities in the wake of disease outbreaks; this includes programs that monitor epidemics to prevent further spread of disease. ReliefWatch is a cloud-based medical supply and disease tracking platform that uses automated voice calls and simple mobile phones to reduce shortages in the supply of essential medicines in Honduras, Mozambique, Nicaragua, and Panama. The system provides real-time data to reduce medical stock-outs and expirations, and has the ability to track diseases to prevent an outbreak from turning into an epidemic.

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DEPLOYING MOBILE TECHNOLOGY

21 out of the 32 disaster response programs identified use mobile technologies, such as telemedicine and GPS mapping, to provide health services to disaster victims. One innovation profiled in CHMI’s database is AMD’s Dispatch Case, a lightweight, easily portable device containing several telemedicine peripherals. Volunteers use the device to connect with physicians in the U.S. who provide immediate medical consultations to disaster victims. Disaster Logistics Relief, an NGO, used the Dispatch Case to virtually connect survivors of Typhoon Haiyan in 2013 and the Indian Ocean Tsunami in 2004 with US-based doctors.

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INSURING AGAINST CATASTROPHES

In Haiti, Microinsurance Catastrophe Risk Organization (MiCRO) Cholera Product works with microfinance institutions, like Fonkoze, to provide their clients with access to insurance to cover losses from catastrophic events, such as cholera outbreaks. In Haiti, Fonkoze has already started making catastrophe coverage available to its 50,000 clients. The scheme ensures “real-time” payout once a pre-defined set of criteria is met (e.g., cholera-related hospital admissions, observable weather factors linked to cholera outbreaks, etc.)

COMMON PRACTICES OF DISASTER RESPONSE PROGRAMS

Media Campaign PULIH, founded in 2003, plays a strategic role in supporting the mental health of the survivors of post-disaster and violent conflicts. The campaign trains media companies, journalists, and other mass media stakeholders about the repercussions of media coverage on the mental health of trauma victims. The campaign staff provides education on trauma recovery through mass media, including radio, magazines and newspapers. They also use social media to connect communities, activists, and the general public to promote safe mental health.

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Photo Left: Possible Health | Clinical and community health staff gather outside the Outpatient Department of Bayalpata Hospital for a meeting.
Photo Right: Last Mile Health | Alice Johnson, RN, traveled for several days on motorbikes and on foot over hundreds of miles to establish primary care services in remote rainforest communities in Rivercess County, Liberia.
In 2014, the world’s population was composed of nearly 1.8 billion young people, 90% of whom lived in LMICs. Adolescents everywhere face many challenges as they go through major physical and mental development. However, adolescent health is an oft-neglected topic in global health and the burden of disease among adolescents has not reduced significantly over the past decades. For many countries, ensuring the health and productivity of their future workforce will be a major priority in the coming years. CHMI’s database features nearly 300 programs delivering health services to adolescents.

FOCUS AREAS FOR ADOLESCENT HEALTH:

REPRODUCTIVE HEALTH AND FAMILY PLANNING

Reproductive health issues are a leading cause of mortality among adolescents in LMICs. Approximately half of the 298 programs in CHMI database that work with adolescents and young people offer services in reproductive health and family planning. Many of these programs focus on tackling barriers to consumer awareness on sexual and reproductive health (SRH), particularly related to cultural and gender norms that may prevent adolescents from accessing needed services.

The Youth Truck in Uganda is a mobile outreach service which educates youth in rural areas and urban slums on SRH and rights, including HIV/AIDS prevention through film screenings, youth clubs, and games. In Kenya, I-Care seeks to empower girls by providing them with high-quality affordable and reusable sanitary towels to improve school attendance and self-esteem. Similarly, BanaPads and ZanaAfrica in Kenya sell eco-friendly sanitary pads, and train community members as saleswomen who deliver products and messages on menstrual hygiene and family planning door-to-door.

FOCUS AREAS AND PRACTICES OF ADOLESCENT HEALTH PROGRAMS

235 programs use a behavioral change approach to address adolescent health through consumer education and social marketing strategies. 85 programs in the CHMI database focus on harnessing information and communication technology (ICT) for adolescent health. Adolescents who go to clinics may be scared or embarrassed to ask questions related to reproductive health as a result of the stigma associated with these services, or a lack of confidentiality and/or accurate information from providers. Virtual services offer an avenue for youth to have conversations with experts and peers without the fear of being exposed.

ENHANCING PROCESSES THROUGH ICT

Project Khuluma in South Africa provides mobile phone peer-to-peer support groups for HIV-positive adolescents to help them manage the day-to-day challenges that many of them face such as stigma and discrimination. The Sizophila Project, also in South Africa, provides training to unemployed and HIV-positive community members and employs them as therapeutic counselors. Counsellors ensure antiretroviral therapy adherence and provide education and support to others who have been diagnosed with HIV, including adolescent and pediatric patients.

HIGHLIGHTS: FINDINGS FROM 2015

HIV/AIDS

HIV/AIDS is a major focus area for adolescent health, and 128 programs in the CHMI database focus on this issue for youth. Today, globally one in seven individuals is infected with HIV during adolescence (10-19 years old). In LMICs, where most of the HIV burden is concentrated, adolescents account for almost 40% of new HIV infections.

INNOVATIVE APPROACHES TO ADOLESCENT HEALTH:

BEHAVIORAL CHANGE THROUGH CONSUMER EDUCATION AND SOCIAL MARKETING

Young people living with disabilities also require access to reproductive health and family planning services. Using Your Hands to Talk about Sex in Vietnam developed a sexual and reproductive health curriculum in sign language for deaf students.

REPRODUCTIVE HEALTH & FAMILY PLANNING

FOCUS AREAS: STRENGTHENING EQUITY AND DIGNITY THROUGH HEALTH

Every Woman, Every Child: Strengthening Equity and Dignity through Health. iERG, 2013


iERG, Ibid.
Paying for Health with Mobile Money

Adoption of mobile money, or financial transactions conducted using a mobile phone, is rapidly growing as a means to improve the efficiency, management, and transparency of paying for health services. Thirty-four programs in the CHMI database use mobile money as a key part of their program.

Focus Areas for Programs Using Mobile Money Include:

- **Electronic Vouchers (Evouchers)**
  - The use of electronic vouchers, transferred through mobile phones, has been documented in seven CHMI-profiled programs. Generally, eVouchers are transferred from clinic to patient to shop, after which, the shop (such as a pharmacy) redeems the e-voucher with the original clinic or health program. The eVoucher represents real value to the shopkeeper, and can be traded in for cash.
  - **MEDA Bednets**, for example, issues eVouchers for bed nets to protect pregnant women from malaria to expectant mothers during health clinic visits. The eVouchers can be presented at any of over 5,500 participating retailers in Tanzania. MEDA then reimburses vendors for the collected eVouchers. The consumer pays part of the cost of the net’s value to promote ownership and use.

- **Micro-Insurance through Phones**
  - Eight programs in the CHMI database are using mobile money to facilitate micro or community-based health insurance payments. The Dengue Fever Insurance Card of Indonesia allows beneficiaries to purchase the card at participating vendors for a low cost. To claim their insurance, customers text their pin number from the purchased card to an SMS center which follows through with verification and payout.

- **Payments for Health Programs and Commodities**
  - CHMI documents six different health service chains and networks which have adopted mobile money to manage the flow of funds towards health services or commodities within their organization.

BlueStar Pilipinas reported to CHMI that this mobile money system has allowed them to greatly improve finance tracking and to streamline operations.

**Referrals through Financial Incentives**

Two programs working independently from one another in Tanzania are using mobile money to improve referrals by offering money transferred through mobile phones to healthcare workers and/or volunteers for referring patients with specific conditions to their organization.

**Comprehensive Community Based Rehabilitation in Tanzania (CCBRT)** partners with “ambassadors” — mainly health workers but also volunteers — throughout Tanzania to identify women suffering from fistulas. The ambassador makes the initial call to CCBRT, at which point the organization transfers funds to the ambassador to cover the woman’s cost of transportation to the health center. Once the woman arrives, CCBRT transfers an additional 5,000 Tanzanian shillings (US $3.50) to the ambassador as a gesture of appreciation and an incentive to seek out and send additional fistula patients for care.

D-Tree International uses mobile money with traditional birth attendants to refer women with obstetric emergencies for delivery in healthcare facilities, compensating them for lost income and providing additional funds to encourage future referrals.

For more information on the use of mobile money to pay for health, visit CHMI’s Mobile Money topic page.
When CHMI launched in 2010, we sought to engage in countries with vibrant mixed (public and private) health systems where health innovations could be found. CHMI helped to foster a global network of in-country organizations that act as facilitators of key local and regional actors, carrying out the dual role of connecting programs to opportunities, and encouraging system-level changes in health markets. Over the past five years, CHMI has worked with over fifteen institutions around the globe, including country partners in India, Kenya, Pakistan, Nigeria, and South Africa in 2015.

CHMI country partner activities directly correspond to the specific needs expressed by governments and innovators. For example, partners develop opportunities for innovators to better connect with their peers and build new connections to tackle tough challenges impeding scale. They also act as a resource for investors, donors, and researchers to identify innovations with evidence of impact and potential for success. Policymakers at the local, national, and regional levels are looking to CHMI country partners for help in navigating private sector-led innovations, finding programs that support national priorities, and developing new public-private partnerships. Country partners serve as cornerstones of CHMI’s global network, helping us to improve the way health markets function to meet national health priorities.

Read more for a closer look at country level trends, new innovations, and our work to shape health markets to improve access and affordability to quality care for the world’s poor.
SHAPING HEALTH MARKETS AND HARNESSING INNOVATIONS

INDIA

COUNTRY OVERVIEW
Extending health services to the 250 million people living below the poverty line in India is no easy task. Whether scattered across the country’s massive rural terrain or densely clustered in urban centers, both access to and the affordability of services is a challenge. According to WHO estimates in 2010, approximately 71% of all spending in healthcare was private, but about 86% of this spending was out-of-pocket, which risks pushing the poor further into poverty. Social entrepreneurs and state level governments are jointly rising to the challenge, making India a vibrant testing ground for health market innovations.

A LOOK AT THE FACTS
CHMI profiles 279 programs across India, many tackling primary care and maternal, newborn, and child health (MNCH) challenges. For example, Ross Clinics operates with a holistic family doctor model, providing primary care as well as dental and physiotherapy services in central locations for target communities. By making preventative care accessible, Ross Clinics services in central locations for target communities.

HEALTH PROGRAM FINANCING IN INDIA
CHMI’s partners in India have been hard at work connecting innovators to new opportunities and facilitating the development of new public-private partnerships.

CONNECTING INNOVATORS TO FACILITATE SCALE—SWASTI
In partnership with CHMI since 2013, Swasti, a not-for-profit health resource center, specializes in providing customized technical assistance to programs. The organization’s work includes identifying promising opportunities for programs, making timely linkages between stakeholders, exploring nascent thematic areas and providing long-term mentoring for program implementation.

SUPPORTING GOVERNMENTS TO ENGAGE WITH THE PRIVATE SECTOR—ACCESS HEALTH INTERNATIONAL
CHMI has been working in partnership with ACCESS Health International since 2010 to improve the diffusion of promising innovations in India through government partnerships. In 2015, ACCESS Health became a principal advisor to the Governments of Andhra Pradesh, Telangana, and Rajasthan for advancing public healthcare goals through private sector engagement.

In Andhra Pradesh and Telangana, ACCESS Health supported the states’ newly formed National Urban Health Mission. The “Catalyst for Change” program conceptualized by the states included partnerships with innovative primary care providers to act as model urban primary health centers, providing a performance benchmark for the urban primary care centers in that state.

As a result of this work, ACCESS Health is working closely with 14 CHMI-profiled programs on new public private partnership proposals with the states. For example, Nationwide, a primary care program that uses a subscription-based payment mode, will take over a select portion of Andhra Pradesh’s public facilities, while LifeCircle Senior Services will support the state’s senior care services. Building on this approach, ACCESS Health replicated the process in the nearby state of Telangana. ACCESS Health is developing a PPP proposal between Karuna Trust (a primary care program) and the state that will allow the trust to manage 12 primary health centers. This work ultimately has the potential to impact 50 new and 250 existing urban primary healthcare centers in Andhra Pradesh, as well as serve as a model for neighbouring states looking to restructure their primary care services.

CHMI IN INDIA

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INDIA HEALTH PROGRAMS BY FOCUS

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Photo: Biocon Foundation | A community health worker explains facilities at a geriatric camp in a slum.
With a rapidly growing population of over 40 million and a GDP of nearly 61 billion USD, Kenya boasts a dynamic public sector eager to partner with the private sector to advance national-level policy changes. But Kenya’s health market remains both highly fragmented and crowded with a plethora of smaller-scale providers. The country struggles with a critical shortage of physicians, with just one doctor per 10,000 residents. Moreover, Kenya also suffers from high maternal mortality (400 mothers per 100,000 live births) and infant mortality (48 children per 1,000 live births) rates.¹ As a result, an increasing number of public and private sector actors have emerged to test new innovative approaches to healthcare delivery.

A LOOK AT THE DATABASE

The CHMI Database currently profiles 209 programs from Kenya—the most of any African nation in the database. Of these, 157 target the poorest quintile of the Kenyan population.

Kenya has one of the highest cell phone penetration rates in Africa, with over 80% of the population owning a mobile phone², and 69 programs report using mobile phones in their operations.

TotoHealth, for example, uses an SMS-based platform to allow parents and caregivers to record milestones in their child’s physical development, which helps with the timely detection of abnormal growth. M-Chango is a mobile based system that creates awareness of child immunization schedules and provides basic health information. WelTel aims to improve health outcomes such as adherence and retention through automated SMS messages to support patients on antiretroviral therapy, preventing mother-to-child transmission of HIV, and tuberculosis (TB) treatment.

MicroEnsure is an insurance intermediary that designs and implements insurance for the poor by offering an affordable range of insurance products. It uses a sophisticated management information system to track details of clients covered, collect premiums, and administer claims. The program also negotiates with insurance companies on behalf of their clients to keep premiums to a minimum.

Health service chains and networks are able to reduce fragmentation and informality of healthcare delivery. Kenya’s Nairobi Slums TB Project relies on a team of 60 volunteer Community Health Workers (CHW) to test for TB cases in Nairobi’s slums, in order to improve prevention and treatment-seeking behavior. Viva Aïa is a primary healthcare company that uses a “hub-and-spoke” model to serve densely-populated, low-income areas. A main clinic (hub) is supported by several electronically-connected satellite clinics (spokes). Clinical officers and nurses at the satellite clinics can seek advice from doctors at the main clinic through telephone and instant messaging, and refer patients to the main clinic as needed.

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Kenya’s health market remains both highly fragmented and crowded with a plethora of smaller-scale providers. The country struggles with a critical shortage of physicians, with just one doctor per 10,000 residents. Moreover, Kenya also suffers from high maternal mortality (400 mothers per 100,000 live births) and infant mortality (48 children per 1,000 live births) rates. As a result, an increasing number of public and private sector actors have emerged to test new innovative approaches to healthcare delivery.

A LOOK AT THE DATABASE

The CHMI Database currently profiles 209 programs from Kenya—the most of any African nation in the database. Of these, 157 target the poorest quintile of the Kenyan population.

Kenya has one of the highest cell phone penetration rates in Africa, with over 80% of the population owning a mobile phone, and 69 programs report using mobile phones in their operations.

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CHAPEL IN KENYA

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Pakistan has struggled for decades to overcome the obstacles of access to healthcare, both physical and financial. Rural communities in Pakistan face great challenges in receiving healthcare, as evidenced by significantly higher rates of maternal, under 5, and infant mortalities compared to urban populations. However, a look at programs in Pakistan reveals a vibrant community of innovators making use of technology to overcome these obstacles in delivering healthcare to the very last mile.

A LOOK AT THE DATABASE

CHMI profiles 52 programs in Pakistan—38 are delivering care to rural communities, where 62% of Pakistan’s population lives. Sehat Sahulat Clinic Basic+ has taken as WINCH Services on the road, retrofitting an Isuzu truck into a mobile health clinic to reach rural areas not covered by public or private healthcare providers. The truck includes an examination room, laboratory, and pharmacy. DoctHERs is a novel healthcare marketplace that connects female doctors to underserved patients through a telemedicine model. Patients visit primary health centers, located in underserved rural communities, which are staffed by female community health workers and connected via internet-enabled video conferencing to female doctors in urban areas. In addition to increasing accessibility for patients, doctHERs’ telemedicine approach also circumvents sociocultural barriers that restrict female doctors’ inclusion in the medical profession.

Overcoming financial barriers to accessing care is also a major focus of innovators in Pakistan. Al-Shifa Trust is a not-for-profit and non-governmental entity that seeks to provide high quality ophthalmology (eye care) to all of Pakistan’s population; 70% of total patients have been treated free of cost due to the hospital’s cross-subsidization model. Heartfile Health Equity Financing seeks to prevent catastrophic health spending by low-income families. The model utilizes an IT-supported, automated demand side health financing instrument that can be accessed by local healthcare workers to seek urgent support for patients, who receive cash transfers to underwrite the cost of major medical expenses.

Innovators in Pakistan face similar challenges to their peers elsewhere, but programs often lack the opportunity to share their lessons learned or document best practices. Beginning in 2013, Interactive Research and Development (IRD), in partnership with CHMI, responded to this knowledge gap by developing the CHMI-IRD Innovations Hub in Pakistan. The Hub is an interactive initiative that brings together organizations from across the spectrum of healthcare delivery in Pakistan to share their lessons learned, replicate and scale promising health market innovations, and promote linkages between organizations.

Building on the excitement generated by the CHMI-IRD Innovations Hub, IRD sponsored the development of a health innovation prize in collaboration with the I Am Karachi initiative in 2015. The Innovation Challenge enabled public health issues to be highlighted at a high-profile event in Karachi, and provided creative individuals an opportunity to propose innovative solutions to problems their communities face on a daily basis. Garnering significant interest and over 700 applications, the IRD team facilitated a three-day business development and entrepreneurship boot camp for shortlisted applicants. The winning health innovation was an unmanned aerial vehicle capable of delivering medical supplies in remote areas and during congested traffic hours in Karachi. Runners-up included an app that can identify blood banks in emergencies, a proposal for EMS response through motorbikes, and mini aquariums that serve as reminders to patients on chronic medication.

The CHMI-IRD Innovations Hub has also setup a platform to assist more developed public health initiatives that are facing management and operational obstacles to achieving scale. The Health Management Innovations Series brings together some of the largest non-profit organizations in Pakistan where creative professionals encourage “out-of-the-box” thinking to overcome roadblocks to growth and sustainability.
South Africa continues to make inroads in healthcare.11

Photo: Vula Eye Health | A Vula technician tests the mobile app and peripheral scanning device.

A LOOK AT THE DATABASE

Some of the country’s most innovative models were born out of a need to address its greatest health challenges, including a high HIV prevalence rate (18.9%).12 The CHMI Database profiles 62 programs that operate in South Africa, all work in HIV treatment and prevention.

Integrated care models in South Africa bring together a variety of services related to diagnosis, treatment, care, rehabilitation, and health promotion, often working across multiple disease-specific interventions, in order to improve efficiency, quality, and access for patients. An example of an integrated care model in South Africa that focuses on both HIV testing and tuberculosis (TB) treatment13 is Kheth’Impilo. The organization specializes in comprehensive testing and treatment for HIV and TB, and has trained hundreds of community health workers through its “Patient Advocate” model. Founded in 2009, Kheth’Impilo has quickly scaled to serve four of nine provinces in South Africa, and has tested hundreds of thousands for HIV and TB.

Many primary care models integrate HIV treatment into their services: 35% of South African primary care programs in the CHMI database also provide HIV care, compared to 8.6% primary care programs in the database overall. Unjani Clinics provide low-cost primary healthcare and HIV treatment and counseling. The franchise clinics, constructed from converted shipping containers, are run by female nurse practitioners and serve between 150 to 500 patients per month. The Autonomous Treatment Center is another integrated-care model, providing a one-stop-shop of primary care, pre-natal care, prevention of mother to child transmission expertise, on-site pharmacy, and HIV testing and counseling services.

Additionally, innovations have responded to the costly and unnecessary referrals experienced by South Africa's large rural population. The Vula Eye Health mobile app, for example, was designed to provide rural healthcare workers with the tools and information that would allow them to connect with specialists and make appropriate referrals. Through a relationship fostered by the Bertha Centre, Vula participated in Spark-Up Line, a pitching event hosted by the LUCT Graduate School of Business, and received a total of 1.1 million rand (approximately 65,500 USD) as an investment pledge to expand its service offerings.

CHMI IN SOUTH AFRICA

South Africa’s unique disease profile has created a conducive environment for innovators to try and test models that deliver or increase access to healthcare services. CHMI partnered with the Bertha Centre for Social Innovation and Entrepreneurship, based at the University of Cape Town Graduate School of Business, to surface promising innovations throughout southern Africa, and research adaptable primary care models that could help solve South Africa’s priority health challenges. The Bertha Centre is the first academic center in Africa dedicated to uncovering, connecting, pioneering, and advancing social innovators and entrepreneurs working to generate inclusive opportunities and social justice in Africa.

The center recently released the report “Translational Models of Primary Care”, which investigated innovative primary care delivery business mechanisms in Kenya and assessed their translatability to the South African context. The study used CHMI’s adaptation of innovation framework developed in 2014 to understand how the concepts of franchising, incentives, and cross-subsidization could be applied in South Africa.

SOUTH AFRICA HEALTH PROGRAMS BY FOCUS

HIV/AIDS
Primary and Secondary Care
Maternal & Child Health
Noncommunicable Diseases
Family Planning & Reproductive Health
Malaria

10 20 30 40

HIGHLIGHTS: FINDINGS FROM 2015

Photo: Vula Eye Health | A Vula technician tests the mobile app and peripheral scanning device.
NIGERIA

COUNTRY OVERVIEW

Nigeria holds claim to one of the most rapidly expanding health markets in the world. Public health indicators have been slowly improving, with maternal mortality rates dropping and life expectancies rising year by year. However, private out-of-pocket spending for health remains high, averaging 30% of total health expenditures. Over the years, CHMI has documented a rising number of innovative approaches operating in Nigeria’s health sector.

A LOOK AT THE DATABASE

In 2015, CHMI profiled 63 innovative health programs in Nigeria, focusing on a variety of health areas, with 23 providing primary care, 8 focusing on HIV/AIDS, and 11 providing maternal and newborn care. One program in the last category is the Safe Motherhood Program of the University of California San Francisco, which has brought LifeWrap to the Nigerian market. The non-sterile anti-shock garment has helped prevent the deaths of thousands of women suffering from postpartum hemorrhage and has been shown to reduce the mortality rate by 48%. Read more in CHMI’s interview with LifeWrap in 2015.

Nigeria is inundated with counterfeit medicines from a variety of markets, and many programs profiled in the CHMI database work to combat this challenge.

CHMI IN NIGERIA

CHMI maintains an active presence in Nigeria through the Solina Group. Solina has helped support health innovators by focusing on developing the health marketplace in Nigeria and enabling the scale-up of promising health market innovations.

In 2013, Solina Health supported the development of the organizational capacity and strategic vision for the Private Sector Health Alliance of Nigeria (PHN), a new permanent platform for public-private collaboration. The Alliance helps shape Nigeria’s engagement with private sector delivery innovations that directly contribute to achieving national MNCH priorities. As part of this collaboration, Solina worked with the PHN in 2015 to launch the inaugural Health Innovation Challenge Awards. The competition received 330 applications and 43 shortlisted innovations participated in a business development boot camp in August 2015 that trained applicants on the basics of business development, proposal writing, and financial management.

The grand prize went to Fyodor Urine Malaria Test, a low-cost self-administered malaria kit for the quick detection of the P. falciparum antigen through urine, designed for rural areas with a lack of access to health facilities. Other prize winners included Medical Devices as a Service, which provides maintenance, repair, leasing, and financing of affordable medical devices, and e-HEAL, pre-loadable multi-language audio books and posters to increase access to health education among illiterate populations. Two organizations won the Challenge Partnership Award: the Mobile Health Insurance Program for non-electrically operated point-of-care haemoglobin meters to increase health insurance coverage, and Omomi, a mobile tool to decrease child mortality by providing mothers with important health information, assisting them in locating health facilities, and connecting them with other mothers online. In total, twelve innovations were selected for incubation and scale up, mobilizing millions in new public and private funding to support emerging approaches. The Health Innovation Challenge Awards aim to not only incubate select innovative solutions, but also to create a robust pipeline of innovations that can be harnessed to advance Nigeria’s MNCH goals.

HEALTH PROGRAM FINANCING IN NIGERIA

"Nigeria is inundated with counterfeit medicines from a variety of markets, and many programs profiled in the CHMI database work to combat this challenge."

NIGERIA HEALTH PROGRAMS BY FOCUS

<table>
<thead>
<tr>
<th>Program Area</th>
<th>Number</th>
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<tbody>
<tr>
<td>Primary and Secondary Care</td>
<td>10</td>
</tr>
<tr>
<td>Maternal &amp; Child Health</td>
<td>20</td>
</tr>
<tr>
<td>Family Planning &amp; Reproductive Health</td>
<td>30</td>
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<tr>
<td>HIV/AIDS</td>
<td>40</td>
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<tr>
<td>alaria</td>
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<tr>
<td>Noncommunicable Diseases</td>
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Health market innovations have the potential for broader impact, but many face challenges of quality, affordability, and sustainability, which limit their potential to scale and adapt.

Promising models seeking to scale require iteration to learn and improve upon their practices. Yet the cost of learning can be steep, and available funding sources do not always align with programs’ learning needs, or enable program managers to take ownership of the learning process. What appears to be missing is a way to connect the dots — an opportunity for programs to work together to tackle common challenges and co-develop practical solutions for implementation.

CHMI believes that peer learning and knowledge sharing has the potential to unlock solutions to challenges preventing scale. In an effort to help programs strengthen their models, CHMI has launched a number of new initiatives that support active, collaborative learning and knowledge sharing among profiled innovators. Two of these — the Primary Care Learning Collaborative and Learn and Launch — have brought innovators together in collaborative groups of four or five members to share strategies for improving their models and overcoming operational roadblocks. Others — including the Learning Exchange and the Primary Care Adaptation Partnership — have utilized one-on-one partnerships to promote the adaptation of promising practices across different models and contexts. What these activities have in common is a commitment to collaborative learning, the exchange of tacit knowledge that innovators possess, and a belief in the program manager’s ownership of the learning process.

WHAT ARE CHMI’S LEARNING ACTIVITIES?

• The Primary Care Learning Collaborative is a peer-learning network that enables knowledge sharing among primary care organizations on challenges related to quality, sustainability, efficiency, and scale.

• The Learning Exchange is designed to enable the scale up, replication, or improvement of CHMI-profiled programs, by allowing programs to engage in a strategic learning activity with a pre-defined partner.

• Learn and Launch is a collaborative learning initiative for CHMI-profiled programs to brainstorm, share, and test practices that will help tackle a specific operational roadblock impeding their growth and scale.

• The Primary Care Adaptation Partnership promotes the uptake of promising primary care practices by documenting and transferring active ingredients across program models.

WHAT DO WE KNOW ABOUT HOW PROGRAMS GET TO SCALE?

Across different geographies and contexts, programs profiled on CHMI are struggling with similar challenges. Simultaneously, many programs are coming up with innovative solutions to those challenges but lack a way to share “what works” with their peers. Through CHMI’s learning programs, we have worked with participating innovators to document the key lessons learned, ensuring that all programs and stakeholders have access to information on how to strengthen their models, facilitate growth, and encourage adaptation. By disseminating these lessons and enabling more models to learn, CHMI aims to unlock new insights on what holds promise to move the field forward and inform the broader diffusion of innovative approaches and models that address national and global health priorities at scale.

We have highlighted many of these lessons in the following chapter.

Photo: Jacaranda Health | The CHMI Learn and Launch Africa cohort visits Jacaranda Health to learn about program and facility design
COMMON LEARNING CHALLENGES
AND NEW SOLUTIONS FROM CHMI PROGRAMS

HOW DO YOU DESIGN YOUR SERVICES TO SATISFY YOUR MARKET?

Customizing your service mix to the specific needs of your target population is the key to sustainability. Often, service providers enter a new market without conducting an in-depth market analysis only to realize that the needs of their prospective patients are different from what they anticipated.

- **PurpleSource Healthcare** recently acquired a chain of seven facilities in Lagos, Nigeria. Each of the facilities has a diverse population surrounding it; one catchment area is over 80% male, while in another, 60-70% of the population is elderly. As a participant of Learn and Launch, PurpleSource is undergoing an in-depth market assessment for its different facilities to more accurately match the health priorities of the surrounding community in its service offerings.

- **Quinta Bonita** provides mental health services to underserved populations in Mexico through an innovative virtual consultation model. They found that their mental health patients were also searching for primary care services at an affordable cost. As a result, Quinta decided to add primary care services to their model. Through the Primary Care Adaptation Partnership, Quinta Bonita is working with Ross Clinics, a family doctor model in India, to adapt their primary care model to the Mexican market.

- **Penda Health** in Kenya has dramatically evolved their service offerings over time to reflect patient needs. Through the Primary Care Learning Collaborative, Penda Health adopted a number of new practices to increase its service offerings. Following an idea from Ross Clinics, Penda has implemented dental services in their clinic. They are using pricing “discounts” to drive patient volumes and have also incorporated task shifting to increase pricing efficiencies.

HOW DO YOU RECRUIT, TRAIN AND MOTIVATE YOUR STAFF?

A trained and motivated workforce is a critical component of any successful healthcare program, but recruiting the right staff can be challenging. In particular, hiring and motivating your non-clinical workforce can be a new challenge for program managers with a clinical background.

- **MicroClinic Technologies** in Kenya developed Zidi, a technology that streamlines operational processes and report generation, but faced challenges in scaling the technology among clinical providers. They partnered with GlaxoSmithKline Kenya and Spartan in South Africa through a CHMI Learning Exchange to develop a strategy that would lead to increased adoption of Zidi through social marketing and youth sales agents, called Blue Angels.

- **MicroClinic** learned that their target clinics needed more than sales representatives—they also wanted technical support in order to implement the product. Now, MicroClinic has re-defined their Blue Angels to serve as Health IT consultants, who can both sell the technology and provide support to clinic managers to generate increased health impact.

- **MobiCURE’s OMOMI** mobile platform enables mothers and expectant mothers in Nigeria to monitor their children’s health and access MNCH information. Their sales team of “foot ambassadors” register women for services at clinics and during market days. During Learn and Launch, MobiCURE indicated they wanted to better connect their sales incentives to their impact targets. They are now changing the remuneration package for foot ambassadors to a bonus model based on the number of women registered.

- **Kure Techsoft** and Amader Haspatal in India realized the role technology could play to increase operational efficiency and expand existing primary care services to include MNCH services for pregnant women. Through their Learning Exchange partnership, 10 new community health workers (CHWs) in West Bengal were trained to conduct continuous monitoring of MNCH indicators for 90 rural villages. CHWs were trained to use Kure’s point-of-care IT platform to input data and monitor clinical protocols. By providing CHWs with the tools to be successful, Kure was able to train a new team of highly motivated community women to provide MNCH monitoring to hard-to-reach patients.

HOW DO YOU INCREASE THE DEMAND FOR HEALTH SERVICES IN UNDERSERVED POPULATIONS?

Driving demand for health services can be a challenge, particularly with patients who are highly price sensitive. Often, a successful marketing strategy needs to incorporate traditional branding and awareness with health education and awareness campaigns.

- **Care2Communities** in Haiti and Access Afya in Kenya were both struggling to drive demand for primary healthcare in their communities and wanted to test which marketing efforts increase primary care uptake. Through a research initiative that identified how customers view their brand, they identified two gaps in their outreach efforts. For Access Afya, located deep in informal settlements, they improved their signage to help new patients locate the clinic; Care2Communities used coupons to encourage new patients to try their services.

HOW DO YOU ADAPT HIGH QUALITY CLINICAL STANDARDS TO A LOW-RESOURCE SETTING?

Quality assurance is one of the most important, yet challenging, aspects of clinical care. CHMI programs around the world are looking to some of the field’s pioneering leaders in low-cost innovation to understand what works in low-cost, high-quality clinical delivery.

- **SalaUno**, an affordable eye care service provider in Mexico, was modeled after Aravind Eye Care in India, but the program was still working to customize and adapt Aravind’s...
standardized quality management processes in Mexico. Through the Learning Exchange, Aravind clinical staff recommended that SalaUno streamline their pre-surgery protocol and criteria, which has reduced their surgical response time to three days. Additionally, SalaUno has modified their counselor process for surgery recommendations; uptake of these services by patients has increased from 50% to 70%.

- **LifeNet International** in Burundi and **Health Builders** in Rwanda used the Learning Exchange to explore the differences in their approach to clinical and health management evaluation techniques. Both programs use quality scorecards to rate clinical and management systems, but found that their scorecards’ focuses were context-dependent and spoke to the programs’ overall goals. By adapting elements of the other’s evaluation practices, the programs were able to make recommendations to improve health facilities in their regions of operation.

- Afghanistan has made significant strides in increasing diagnosis and treatment of TB, but tracking patients and drug adherence remain constant challenges. To increase quality management of TB cases, the **Afghan Community Research & Empowerment Organization for Development (ACREOD)** partnered with **Operation ASHA** to adapt their urban TB control program from India to Afghanistan. Operation ASHA trained ACREOD staff on their tablet-based technology program, which uses fingerprint scanners to track patient visits. A pilot of the model has been started in Kabul and ACREOD staff believes that by enabling patients to take their TB medicine conveniently, without sacrificing time and money on transport, they will improve patient compliance with treatment.

“**ULTIMATELY, THE OPPORTUNITY FOR SMALL AND INNOVATING ORGANIZATIONS TO LEARN FROM AND WITH PEER ORGANIZATIONS IS INVALUABLE. BY SERVING [BASE OF THE PYRAMID] POPULATIONS, WE’RE DOING SOMETHING CHALLENGING AND NEW AND WITHOUT EASY ANSWERS. SHARING EXPERIENCES, QUESTIONS, AND STRATEGIES WITH A COLLABORATING PARTNER ADVANCES THE WAY WE THINK ABOUT OUR WORK AND EXPERIMENTING TOGETHER PUTS OUR QUESTIONS AND ANSWERS INTO CONTEXT**”

— Allison Berry, Care2Communities

**HOW DOES CHMI APPROACH ADAPTATION?**

Through CHMI’s Learning Initiatives, we have seen that programs are searching for opportunities to transfer and adapt innovations. We also found that many of the partnerships created between innovations connected through CHMI were asking the same question: what are the aspects of a program that can be isolated and analyzed for adaptation to address a similar problem in a different context?

CHMI developed the **Adaptation Framework for Global Exchange of Innovation** to provide a set of flexible guiding principles for identifying program activities that have the potential for impact. It guides users to crack the program open and look at the core program attributes crucial to achieving the program’s outcomes — what we call the “active ingredients”.

Explore the framework.

As we continue to connect innovators to each other, and to researchers, funders, and policymakers, the question of adapting innovations between contexts becomes even more relevant. The collaborative learning model has become widely accepted in promoting innovations through many sectors, and we encourage organizations to continue connecting great models and great ideas. Our past learning activities and the Adaptation Framework have proven that allowing program managers to set the agenda for the learning process allows for experimentation and resulting success in achieving scale.
LEARNING AND ADAPTATION ACTIVITIES

PRIMARY CARE LEARNING COLLABORATIVE
Access Afya
LifeNet International
Penda Health
Ross Clinics
Swasth Health Centre

LEARNING EXCHANGE
Access Afya
ACREOD
Care2Communities
GroupeSOS
Health Builders
Kano State Primary Healthcare Management Board
Kenya Community Media Network
Last Mile Health
LifeCircle Senior Services
LifeNet International
MicroClinic Technologies
Operation ASHA
Organic Health Response
Possible Health
SalaUno
Spartan

LEARN AND LAUNCH
Ayzh
doctHERS
iKure Techsoft
LifeCircle Senior Services
MOBicure
PACE
PurpleSource Healthcare
Swasth Health Centre
TotoHealth

PRIMARY CARE ADAPTATION PARTNERSHIP
Jacaranda Health
HLFPPT - Merrygold Health Network
Healthy Entrepreneurs
Safe Mothers Safe Babies
Ross Clinics
Quinta Bonita
Funders, researchers, program managers, and policymakers around the globe are seeking better information on promising approaches to make healthcare more accessible and affordable to the poor. CHMI closely tracks programs engaged in sharing detailed information on their innovations through the Reported Results Initiative, CHMI Plus, and our Monitoring and Evaluation Badges system.

Photo Left: Organic Health Response | Community health workers being trained to provide education training to our micro clinic support groups.
Photo Below: BanaPads | Women and girls holding BanaPads sanitary pad products.
CHMI’s Reported Results Initiative is designed to surface programs that have active monitoring and evaluation systems and are tracking their impact.

The Reported Results Initiative allows program managers to provide clear, quantifiable, and time-bound measures of program performance across ten key categories in three domains:

- **HEALTH ACCESS** | Affordability, Availability, and Pro-Poor Targeting
- **OPERATIONS/DELIVERY** | Clinical Quality, Efficiency, Financial Sustainability, User Satisfaction
- **HEALTH STATUS** | Health Output, Health Outcome, and Population Coverage

Since launching the initiative in 2011, more than 358 programs have reported results across the various categories, with the majority of results being reported in Health Outcome, Health Output, and Population Coverage.

**PROGRAMS FROM CHMI’S DATABASE REPORTING RESULTS IN KEY PERFORMANCE DIMENSIONS:**

<table>
<thead>
<tr>
<th>Health Output</th>
<th>Affordability</th>
<th>User Satisfaction</th>
<th>Clinical Quality</th>
<th>Pro-Poor Targeting</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>60</td>
<td>90</td>
<td>120</td>
<td>150</td>
</tr>
</tbody>
</table>

**Health Output** is a measure of the number of health services or products provided or clients served in a given time period.

- **Kangu** is a crowd-funding web platform that allows users to fund healthcare services for pregnant mothers around the world. Kangu reported that between January 2013 and September 2015, 742 pregnant women in need have received at least 1 antenatal care visit and that there have been 0 maternal deaths for women whose pregnancy-related costs have been funded through Kangu.

**Affordability** is a measure of patients’ ability to pay for a given product or service and can serve as a measure of access.

- **LifeCircle Senior Services** team of nurses and caregivers provides subscription based home nursing services to senior citizens in India. LifeCircle has reported to CHMI that from April 2014 to March 2015 they offered their services at approximately 30% lower cost than market prices. By partnering with donors, LifeCircle has also been able to offer services to poor patients for free.

**Availability** is the quantitative evidence on the ability of patients to access health products/services as a result of the program, including both physical access and service availability.

- **Nayana Advanced Eye Treatment Units** are facilitating more locations for individuals to receive diabetic retinopathy and glaucoma treatment. The long distances needed to travel in Karnataka, where the program operates, in order to reach facilities with necessary equipment for treatment of these diseases, such as angiographs and lasers, has often reduced patients ability to seek care. The Nayana Advanced Eye Treatment Units were designed to transport highly sensitive medical equipment for the treatment of retinopathy and glaucoma so that they can be shared between remote basic ophthalmology centers in Karnataka, turning them for a day to several days into a center for advanced eye care. From June, 2014, to March, 2015, Nayana has increased the number of centers which are able to offer advanced eye care from 6 to 48.

Photo Left: Biocon Foundation | Preventative health education sessions led by a community health worker.
Photo Top Right: Sevamob | Sevamob offers mobile and point-of-care healthcare services and pharmaceutical products.
Photo Bottom Right: LifeCircle Senior Services | A nurse trained by LifeCircle updates a patient’s care plan in their home.
CHMI Plus

Program Completeness:
CHMI Plus provides programs an opportunity to shine by sharing as much information about their program as possible. The CHMI Plus Profile Completeness Scale awards programs points for answering questions about their program’s model, location, reported results, and other basic information. Programs which have provided a significant amount of information about their model are awarded Bronze, Silver, and Gold CHMI statuses. Bronze level program profiles gain increased web visibility on the CHMI home page, topic portals, and publications. Silver level programs are often nominated for competitions led by partnering funders (i.e. GlobalGiving, Skoll Foundation, etc.) and maintain the benefits of bronze programs. Gold level programs are considered for in-depth learning and funding opportunities, including CHMI’s Learning Exchange and the Primary Care Learning Collaborative, and are also eligible for benefits of Silver and Bronze Programs.

580 Bronze Programs
Bronze level program profiles gain increased web visibility on the CHMI home page, topic portals, and publications.

280 Silver Programs
Silver level programs are often nominated for competitions led by partnering funders (i.e. GlobalGiving, Skoll Foundation, etc.) and maintain the benefits of bronze programs.

109 Gold Programs
Gold level programs are considered for in-depth learning and funding opportunities, including CHMI’s Learning Exchange and the Primary Care Learning Collaborative, and are also eligible for benefits of Silver and Bronze Programs.

Monitoring and Evaluation Badges:
Many programs in the CHMI database choose to share their impact information in the more comprehensive context of their impact or progress reports. Programs are now able to directly upload their monitoring and evaluation documents to their profiles so that researchers, funders, and award groups can easily download and review documentation on their impact and discover programs that are committed to learning and improvement. To date, the CHMI Database contains 13 documents on the strategies programs use for their data collection, 48 process evaluations, and 55 impact evaluations.

13 Data Collection Strategies

48 Process Evaluations

55 Impact Evaluations

In early 2015, CHMI underwent a strategic review of its first five years conducted by an independent evaluator in close collaboration with our funders, UK Aid and the Bill and Melinda Gates Foundation. The strategic review process was a great opportunity for all of us to reflect on our work over the past five years and look objectively at what we have accomplished and learned, and where we can go in the future. The review found that CHMI continues to be highly relevant and that it has facilitated real results in terms of policies and practices, with strong potential for long-term impact.

We are excited to share some highlights from our review and share our ideas for where we can take CHMI in the future.
WHAT HAVE WE LEARNED

KNOWLEDGE SHARING IS EFFECTIVE AND VALUABLE

To date, over 700,000 unique users have visited the CHMI website, with about 55% of these visits coming from low and middle-income countries. The review team found that CHMI is considered a global knowledge hub for innovators, includes a range of health topic innovations, and offers a great deal of information with minimal barriers to entry.

“The CHMI website is one of the reasons why we are known outside India. We have been receiving inquiries from hospitals and individuals outside India to know more about the Remedi Telemedicine kit.”

—Rajeev Kumar, cofounder, Neurosynaptic, India

OUR NETWORK OF PARTNERS INFORMS POLICY AND PRACTICE TO SHAPE HEALTH MARKETS

One of CHMI’s greatest assets is its global network of partners, which allows CHMI to be flexible and responsive to the needs of countries and innovators working to improve health systems around the globe. This partner network has shown great success in cross-fertilizing ideas between geographic regions, facilitating exchanges of best practices among programs, and providing a better understanding of the landscape of innovative models that can meet governments’ national health priorities.

“We cannot quantify the input to our bottom line, but what I can say is that we really appreciate the work that CHMI and ACA do. They have reduced our cost of collaboration, helping us make linkages we would otherwise not have been able to do.”

—Moka Lantum, Program Manager, MicroClinic Technologies

COLLABORATIVE LEARNING HOLDS GREAT PROMISE IN PROMOTING SCALE UP AND ADAPTATION

CHMI leads activities that allow for the sharing of ideas and experiences, testing of new approaches, and sharing the results to enable successful innovations to spread more rapidly between organizations and across geographies. These initiatives have resulted in valuable insights, lessons learned, and practical recommendations for improvement and adaptation. The broader lessons from these activities are disseminated to ensure that many more are benefiting from the knowledge generated.

WHAT HAVE WE LEARNED

To date, over 700,000 unique users have visited the CHMI website, with about 55% of these visits coming from low and middle-income countries.
WHERE DO WE GO FROM HERE?

CONTINUE TO EVOLVE CHMI’S GLOBAL DATABASE

CHMI will continue to refine its data collection methods — including offering benefits to programs who self-report their impact under the CHMI Plus system — and make the website easy to navigate for program managers, researchers, and funders.

FACILITATE THE GLOBAL ADAPTATION OF PROMISING PRACTICES

In 2015, CHMI launched the Adaptation of Innovation Framework, which helps program managers identify the “active ingredients” that make their programs successful. In late 2015, CHMI launched two new learning initiatives based on the concept that these active ingredients can help facilitate the scale up of programs in new geographies. In the years to come, CHMI hopes to introduce more learning and knowledge sharing initiatives that promote the diffusion of promising models and result in broader learning opportunities for the entire field.

ENGAGE POLICYMAKERS TO IMPROVE HEALTH MARKETS

CHMI’s country partners have increasingly worked closely with policymakers to foster stronger collaboration among governments and innovators looking to improve and scale their services. CHMI will build on this strong foundation and continue to inform policy and practice through its initiatives that advance government engagement with health market innovators, link to public finances, and generally foster increased public stewardship of the entire health market.

PROGRAMS MENTIONED IN THIS REPORT

The majority of programs selected for this report, and for other benefits, are those with a CHMI Plus “GOLD” rating. These programs share updates on their activities and results, and share Monitoring and Evaluation information to help others improve.

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For more information or to learn more about our programs, please visit HealthMarketInnovations.org.
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ALL THOSE WHO STRIVE TO IMPROVE
THE HEALTH OF THE WORLD’S POOR.

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