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## **“Opportunities for Private Healthcare Providers in Africa”**

**Dr. Farai Shonhiwa**  
**Group Strategy Director, Centum Investment Company Plc**



# Agenda

**Overview of Market Potential**

Navigating the Market

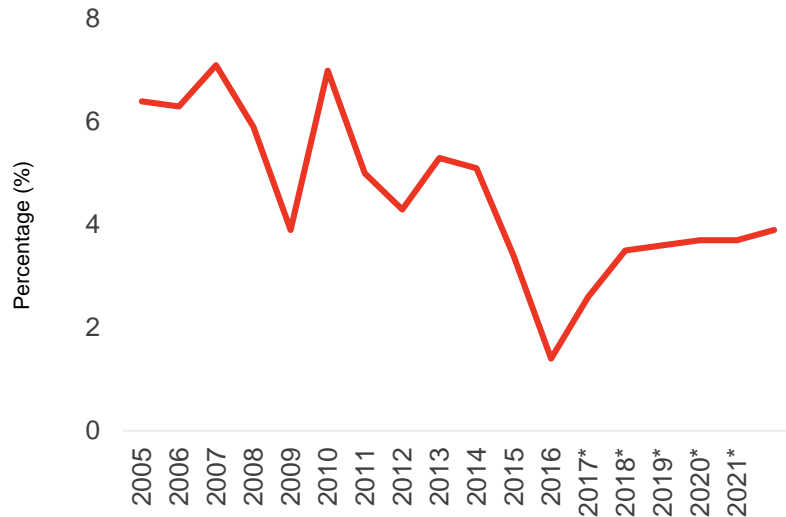
Centum's Healthcare Play



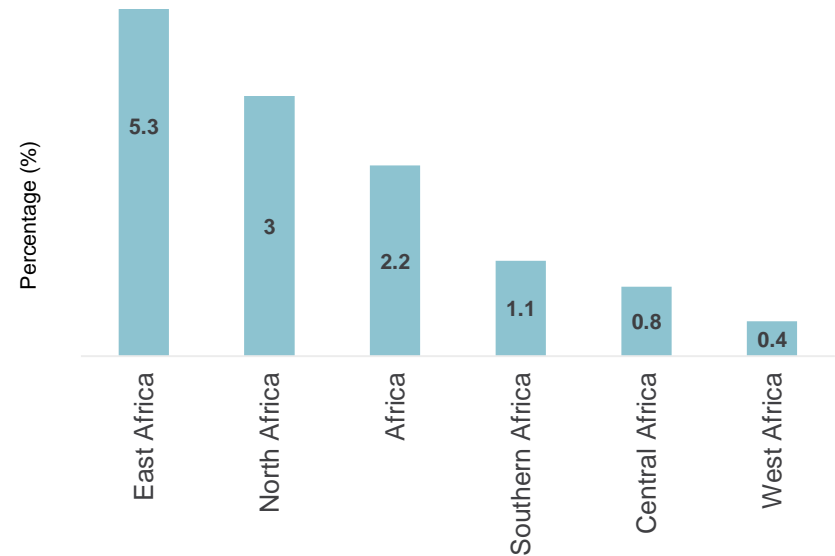
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# Sub-Saharan economies are set to rebound, with East Africa leading in terms of regional growth

Sub-Saharan Africa, GDP Growth Rate, 2016-2022E



Real GDP Growth by Region, Africa, 2016



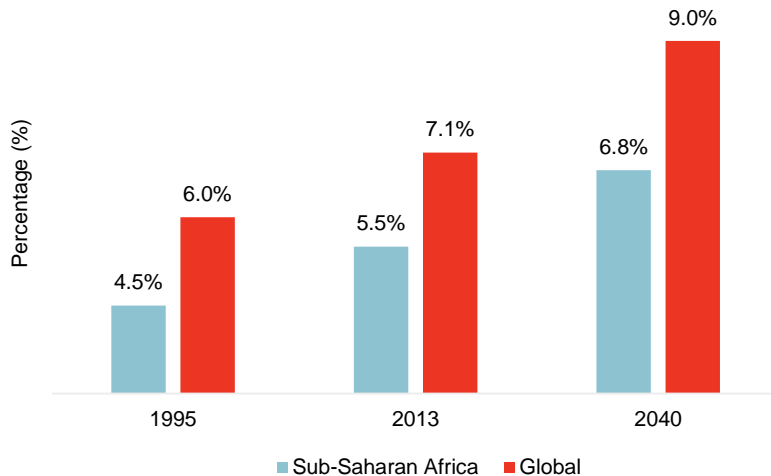
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\* Estimated

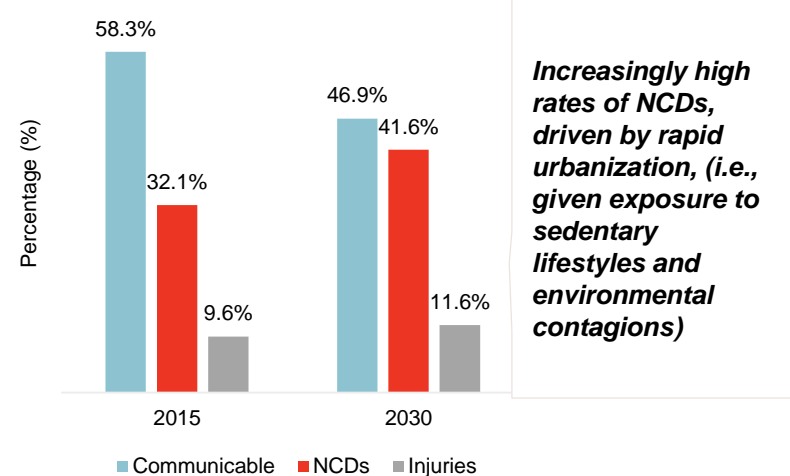
Source: African Economic Outlook 2017, African Development Bank Group, OECD Development Centre, UNDP; IMF World Economic Outlook Database April 2017

# With NCD disease burden set to increase, healthcare spend and demand for services is forecast to grow

Total Healthcare Spend as a Percentage of GDP, Global vs SA, 1995, 2013 and 2040 (Projected)



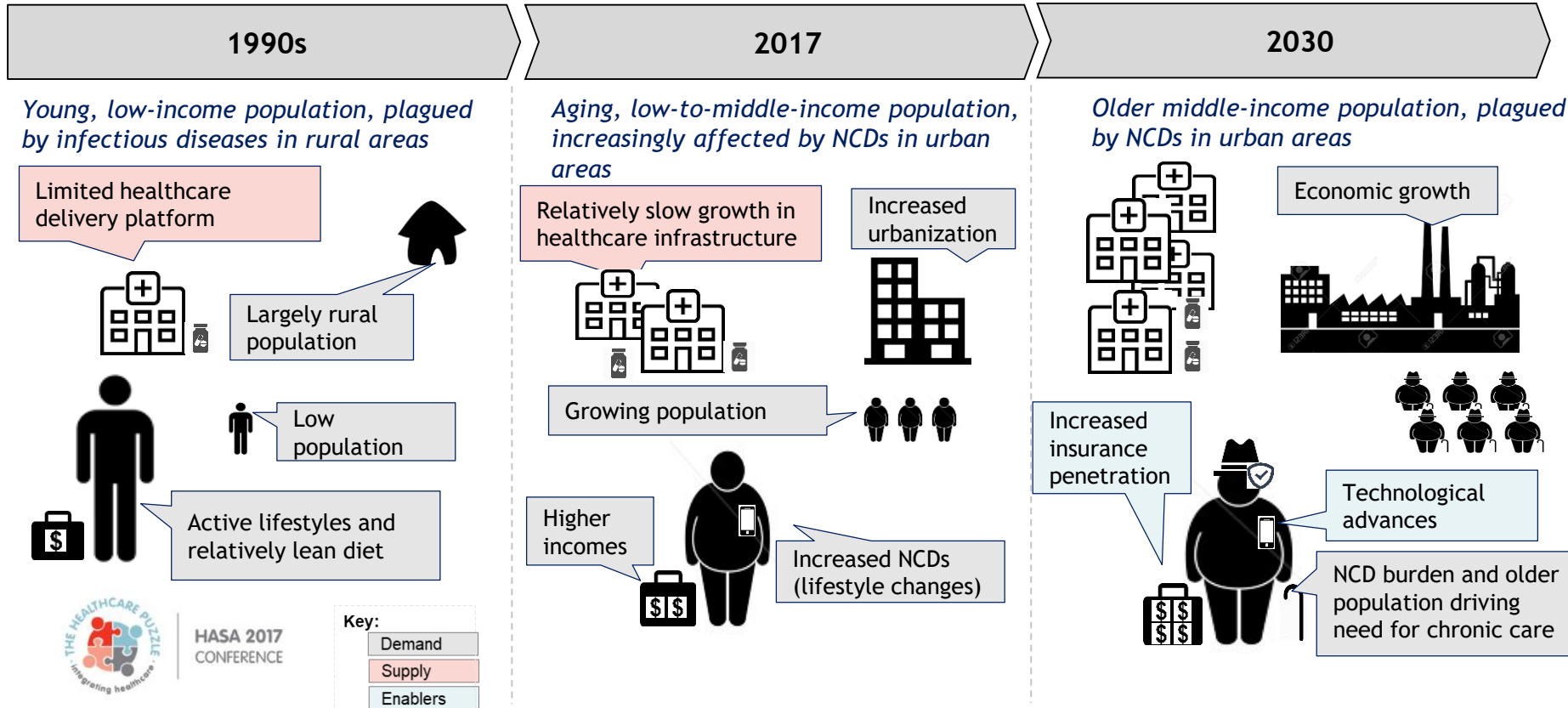
Distribution of burden of diseases as % of total DALYs – 2015 and 2040 (Projected)



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Source: Global Health Estimates [http://www.who.int/healthinfo/global\\_burden\\_disease/GHE\\_DthWBR\\_Proj\\_2015\\_2030.xls?ua=1](http://www.who.int/healthinfo/global_burden_disease/GHE_DthWBR_Proj_2015_2030.xls?ua=1)  
The Lancet (2016), World Bank Statistics (2015), International Medical Travel Journal (2016) <https://www.imtj.com/news/africa-spends-1-billion-year-outbound-medical-tourism/>

# Multiple factors driving increased demand for quality healthcare in SSA markets



# Healthcare delivery platforms remain constrained with respect to both quality and capacity

## Number of Available Beds



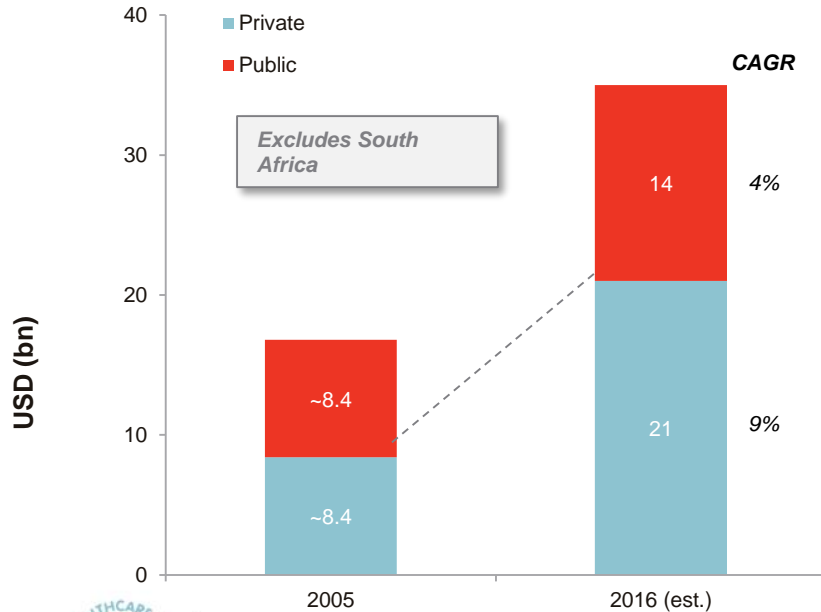
Kenya	14
Ghana	9
Nigeria	8
South Africa	22

Per 10,000  
*OECD countries average > 20 beds per 10,000*

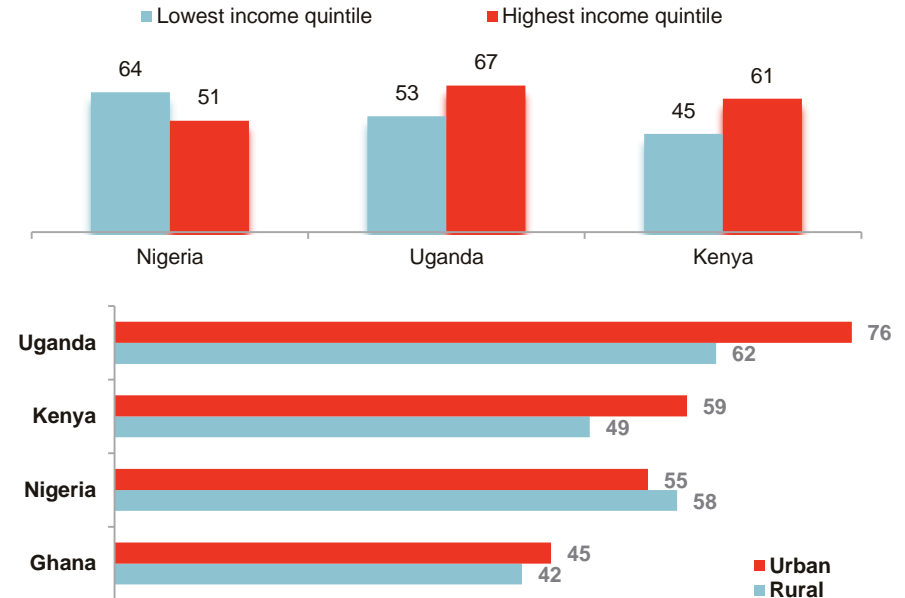
- **Healthcare infrastructure inadequate across the region**
  - Public sector facilities generally underfunded and unable to meet growing demand for healthcare services
  - Limited number of private sector facilities, with little corporatisation of healthcare services
- **Inconsistent quality of care across providers**
  - Limited accreditation
  - Variable quality of training of healthcare workforce
  - Limited systematic reporting of quality of care indicators even at provider level

# Private sector is an increasingly significant provider of care across all segments of society

Percentage of Population Receiving Care from Private, For-Profit Providers of Modern Medicine<sup>1</sup>



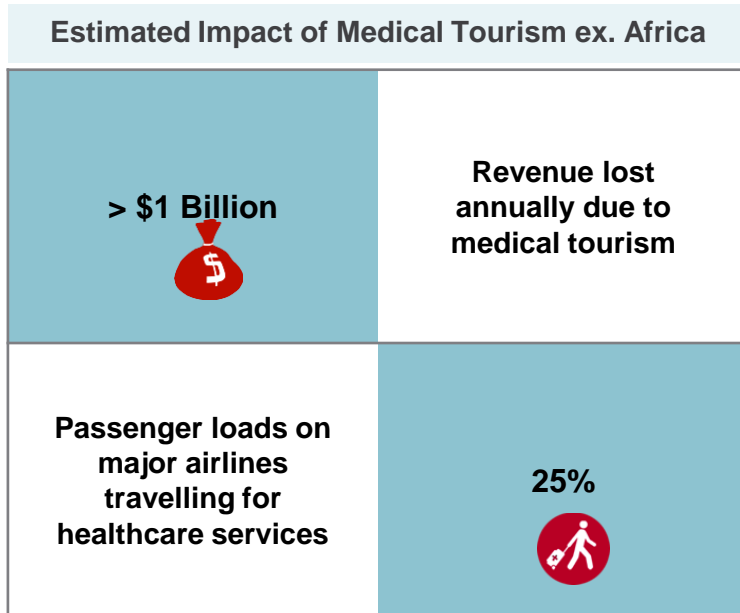
Percentage of Population Receiving Care from Private, For-Profit Providers of Modern Medicine<sup>1</sup>



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<sup>1</sup> Data based on usage, not expenditure (most recent survey year available between 1995 – 2006)  
Source: “The Business of Health in Africa” International Finance Corporation, World Bank Group

# Insufficient supply affordable, quality care is driving significant volumes of medical tourism

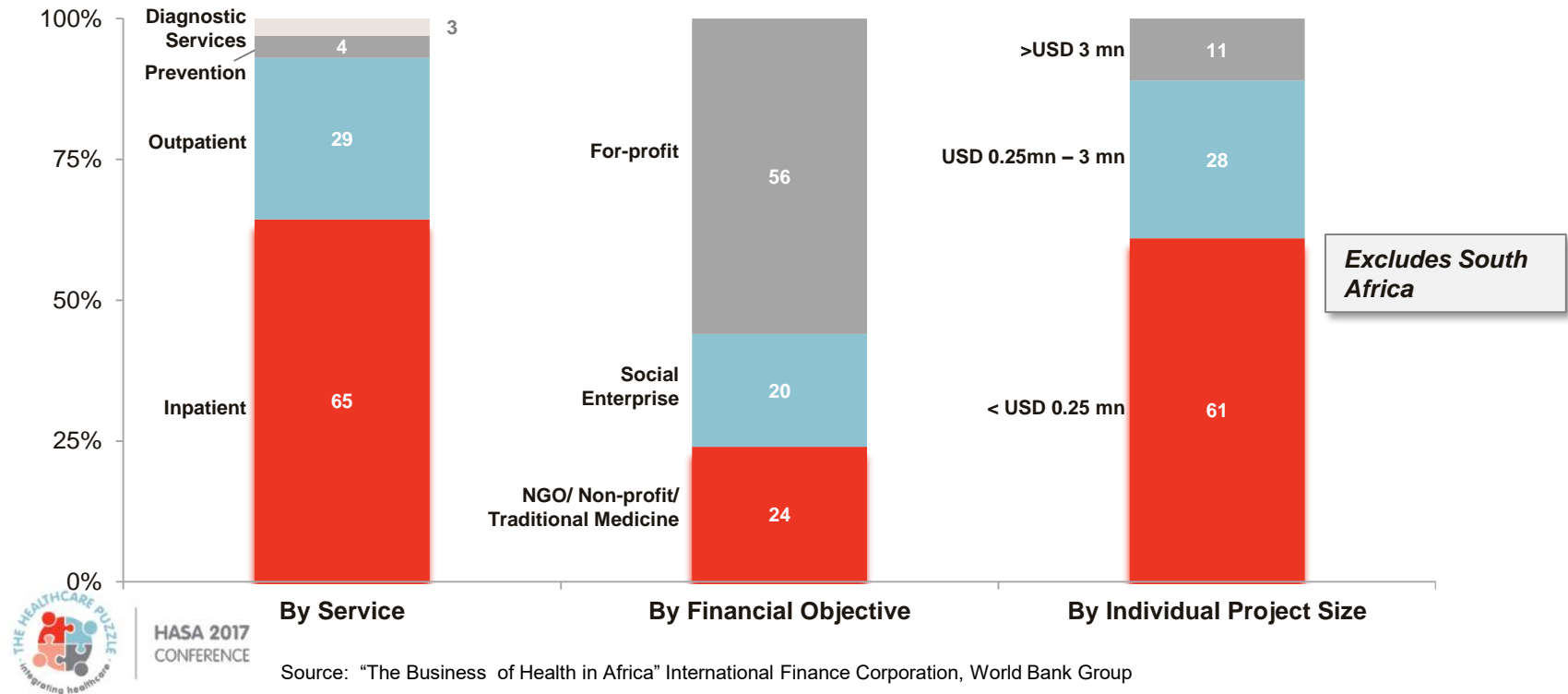


- ~ 100k patients from East Africa travel abroad per annum, accounting for ~USD 500mn
- Key drivers for seeking care externally include **access, quality and affordability**
- Specialised services sought include **Oncology, Cardiology, Nephrology and General Surgery**
- Common destinations include **India (~60% of patients), South Africa (~15%) and USA (~7%)**



# Forecasted investment opportunities over the last decade were largely small scale in nature

Breakdown of Private Health Services Provision Investment Opportunities in Sub-Saharan Africa, 2007-2016



# There has been significant investment activity in the region, led by financial investors

Disclosed Healthcare Investments in Sub-Saharan Africa, 2008-2016 (Not Exhaustive)

Company	Investor(s)	Country	Investment Amount (US\$m)
Hygeia Nigeria Limited	IFHA, Swiss Re, CIEL and IFC	Nigeria	66.8
Luanda Medical Center	Vital Capital Investments	Angola	17
AAR	African Health Systems Management	East Africa	10
Nairobi Women's Hospital	The Abraaj Group	Kenya	7
Luanda Medical Center	Vital Capital Investments	Angola	5
Therapia Health	The Abraaj Group	Nigeria	5
Alminko	AfricInvest	Senegal	5
C&J Medicare	The Abraaj Group	Ghana	5
Nairobi Women's Hospital	The Abraaj Group	Kenya	3
Medpharm Holdings Africa	Ascent	Ethiopia	3
Avenue Group	The Abraaj Group	Kenya	3
Clinique Biasa	The Abraaj Group	Togo	2

Estimated investments* (2016-2021)	USD Mn
Abraaj	300-400
Leapfrog	150-250
IFC	100-200
Falck	100
Other bi-lateral (e.g., UK, Sweden)	200+
<i>At least USD 850 – 1,150 million</i>	



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\*List not exhaustive  
Source: EMPEA. Data as of 30 June 2016

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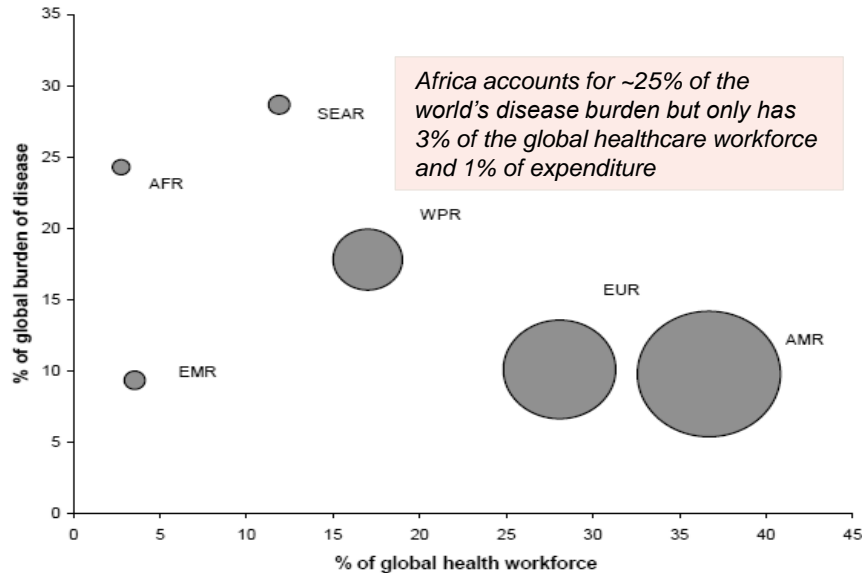
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# Skilled healthcare workers are in short supply, with a deliberate strategy being essential to achieve scale

Health Worker Distribution by Level of Health Expenditure and Burden of Disease



Selection of Specialists in Kenya, 2015

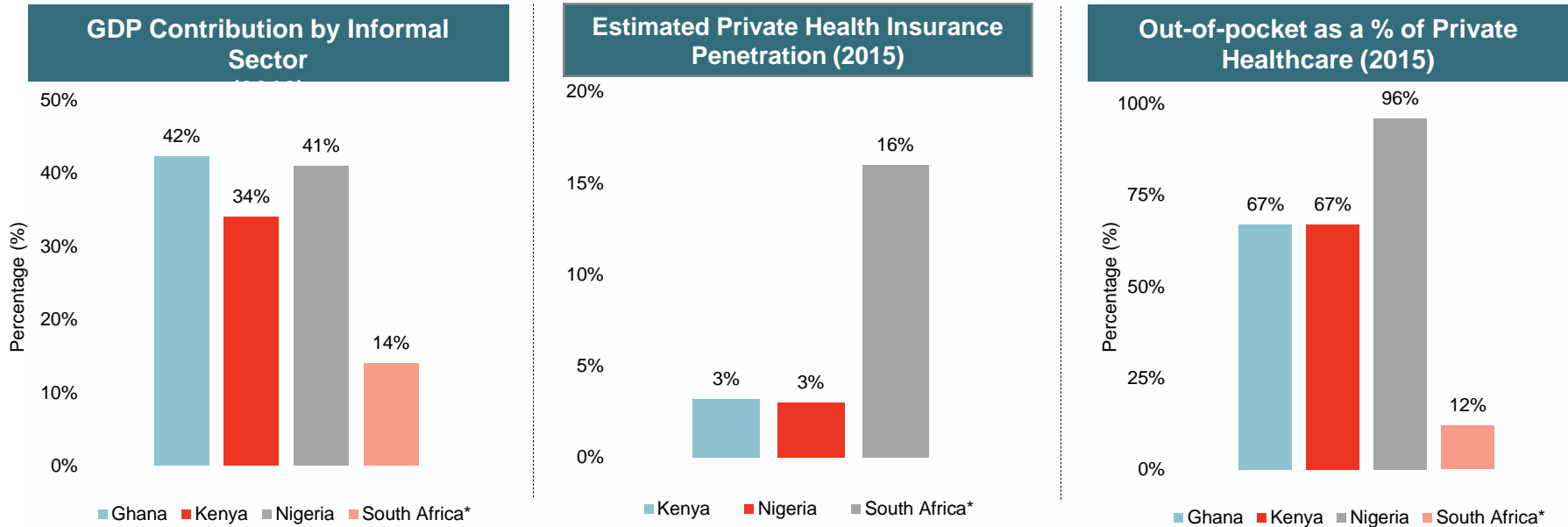
Specialty	# of Doctors	Ratio (per 1,000)
Cardiologists	50	0.0012
Nephrologists	12	0.0003
Urologists	27	0.0006
Neurologists	26	0.0006
Orthopaedics	66	0.0015
Oncologists	8	0.0002



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AFR- Africa; EUR- Europe; AMR- America; EMR- Eastern Mediterranean Region; SEAR- South East Asia Region; WPR- Western Pacific Region  
Source: Counting Health Workers: Definitions, Data, Methods and Global (2007)  
results [http://www.who.int/hrh/documents/counting\\_health\\_workers.pdf](http://www.who.int/hrh/documents/counting_health_workers.pdf); Kenya Medical and Dental Practitioners Board

# Ex-SA economies are significantly more informal, with a higher proportion of out of pocket spend



**Private healthcare systems are less advanced, with less robust private healthcare insurance sectors, relatively simple reimbursement methods and a higher degree of patient choice**



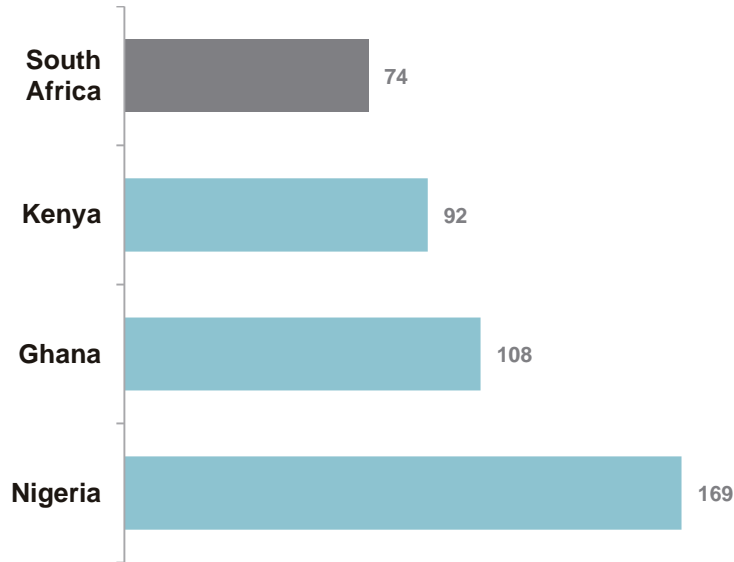
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\*Estimated contribution - key literature sources state contribution is between 8%-15%

Sources: Informal Sector Employment: Policy Reflections, Economic Survey (2016), Formal and Informal Sector Split of Gross Domestic Product (2016), B&FT Online (2016), World Bank Statistics; Council for Medical Schemes Annual Report 2015-2016; Expert Interviews

# Operating environments are more challenging than South Africa, making local partners advantageous

## Ease of Doing Business Ranking, 2017



- While operating environment is more challenging than SA, markets such as Ghana and Kenya are improving in their ranking
- Regulation of private healthcare space less evolved than in SA in other SSA markets
  - Represents a challenge but also an opportunity for market leaders to shape policy
- Strong local partner with significant networks is crucial to successfully navigate the regulatory and business environments
- Private healthcare ecosystems less developed



# Implications for SA Hospital Providers

- Growing demand for quality care together with increasing capacity to pay against a backdrop of limited supply represents an **opportunity for experienced players**
- Relatively nascent private healthcare sectors outside SA provide little opportunity to enter markets and scale through brownfield investments
- Large scale “Africa” play is necessarily greenfield, which is inherently more risky given market dynamics, and implies slower ramp
  - Difficult for opportunities to meet the short-term growth objectives and align with risk appetite of large healthcare groups
- **Opportunities for SA groups to leverage their domain expertise in “asset light” expansion into Africa as operating partners** in projects funded by financial investors
- **SA strategic investors are also natural buyers of scaled up, de-risked platforms** from early stage investors



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Navigating the Sub-Saharan Market

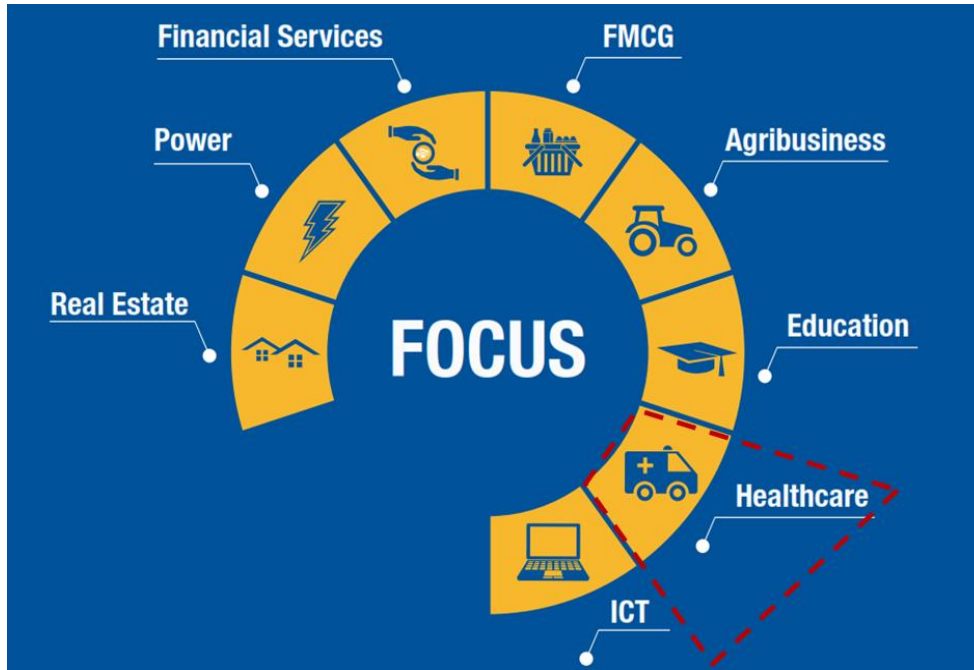
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# Healthcare is a central component of Centum's current strategy



**Our Mission:** To create real tangible wealth by providing the channel through which investors access and build extraordinary enterprises in Africa”

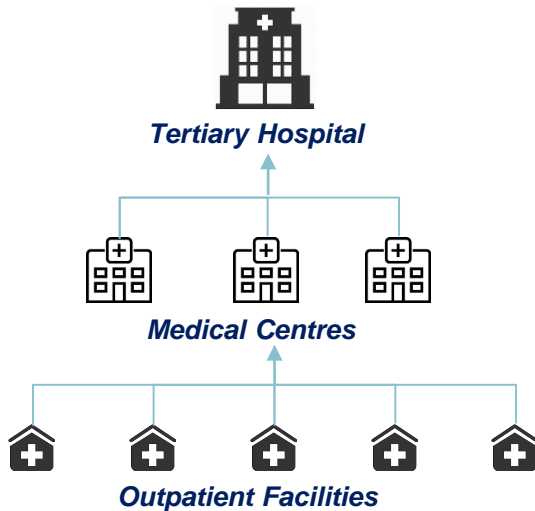
**Our Strategy:** “To develop investment grade opportunities of scale across 8 key sectors”



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# Centum seeks to establish a market-leading healthcare delivery platform in East Africa

## Overview of Proposed Business Model for Centum's Play



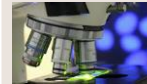
- Multi-specialty facility
- Highly specialized staff and high tech equipment
- Network hub
- Telemedicine

- General clinical specialties
- CT/MRI
- Telemedicine

- Primary outpatient care
- Specialist consultations
- Telemedicine



**Radiology Platform**



**Pathology Services**

Ensure adequate clinical skills pipeline



**Education**

Leverage to drive quality and efficiency



**Technology**

Key volume channel



Influence policy and regulatory regime



**Regulators**

Key Enablers



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**THANK YOU!**

