



TRANSFORMATIVE DEVELOPMENT CAPACITIES

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# Data for the Africa We Want: A Focus on Health

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GE Digital  
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# 1. DaySeven Technology Overview

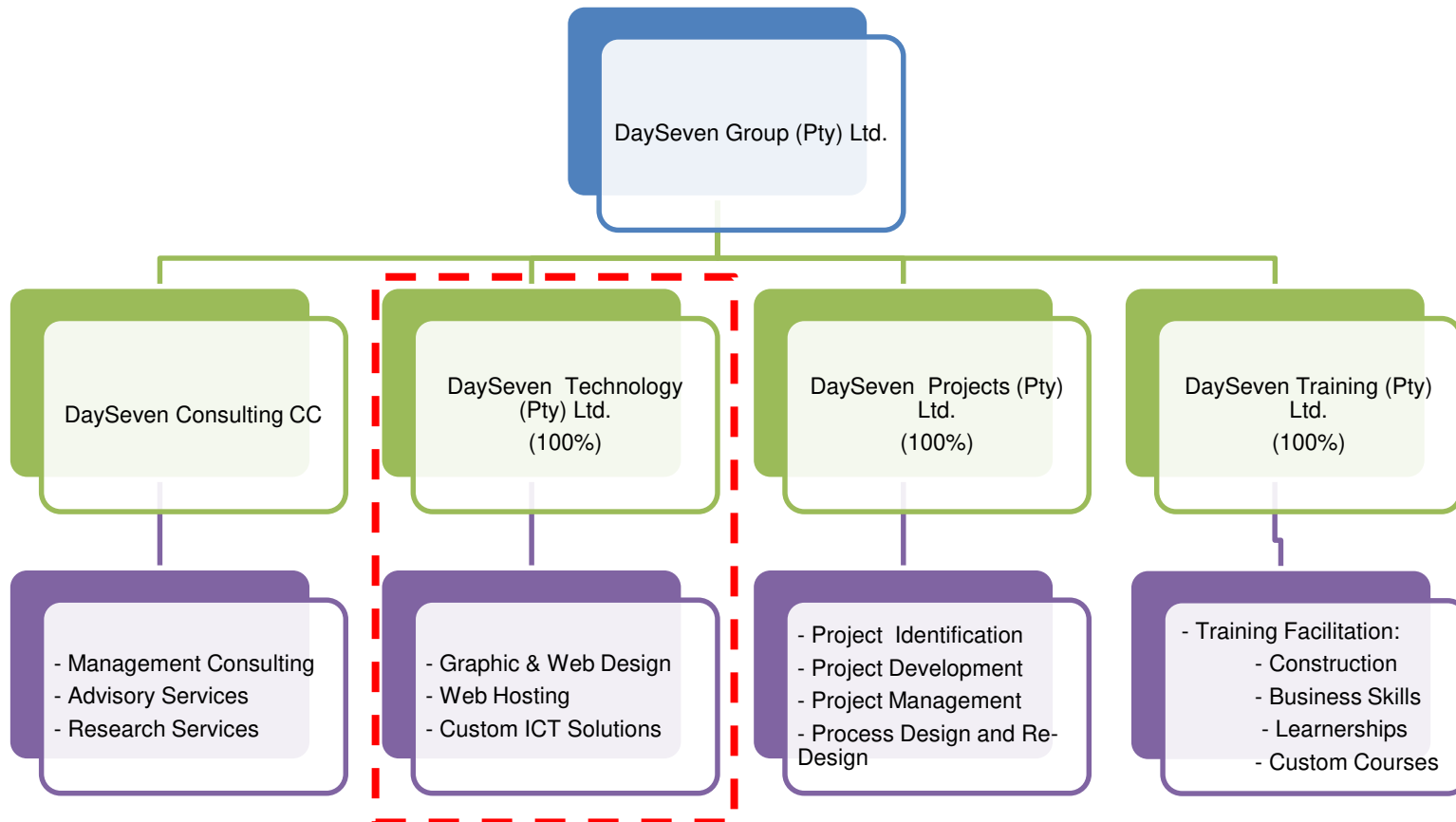
# 1.1 Company Overview

## Background

Part of DaySeven Group (Pty) Ltd (Founded in 2008 as DaySeven Consulting)

Ownership

70% Black Youth Female Owned



# 1.2 Our Services



- Fast and Reliable servers with regular backups

- Wide range of TLDs to suit all our clients' requirements



- In-House Innovative Graphic and Web Design team



- Secure, Encrypted Servers
- Multiple site redundancy



- Custom Software and Application Development
- Integrated Consulting & Customised ICT Solutions





## 2. Proposed Solution

### ➤ **Need to Provide Basic Healthcare Services:**

- Basic human right
- Social (Health, Human Dignity) and Economic benefits

### ➤ **Lack of Reliable Data :**

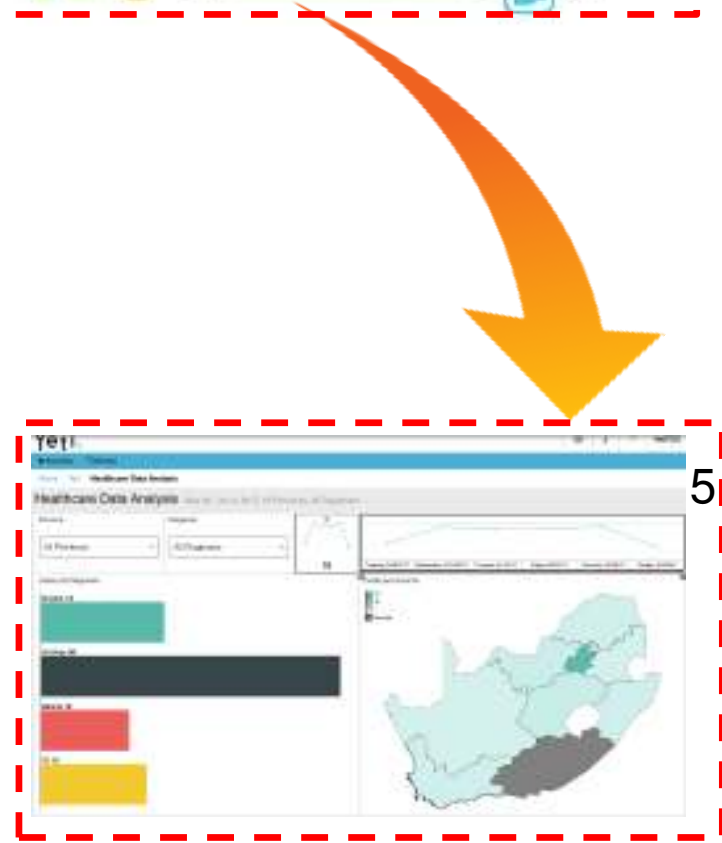
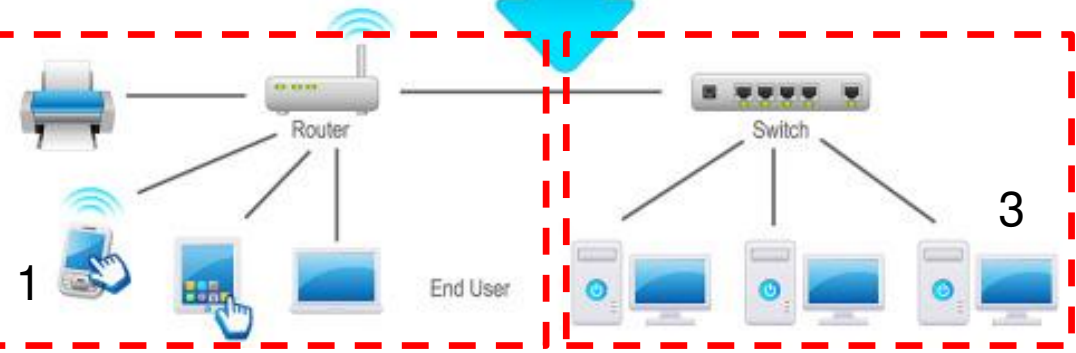
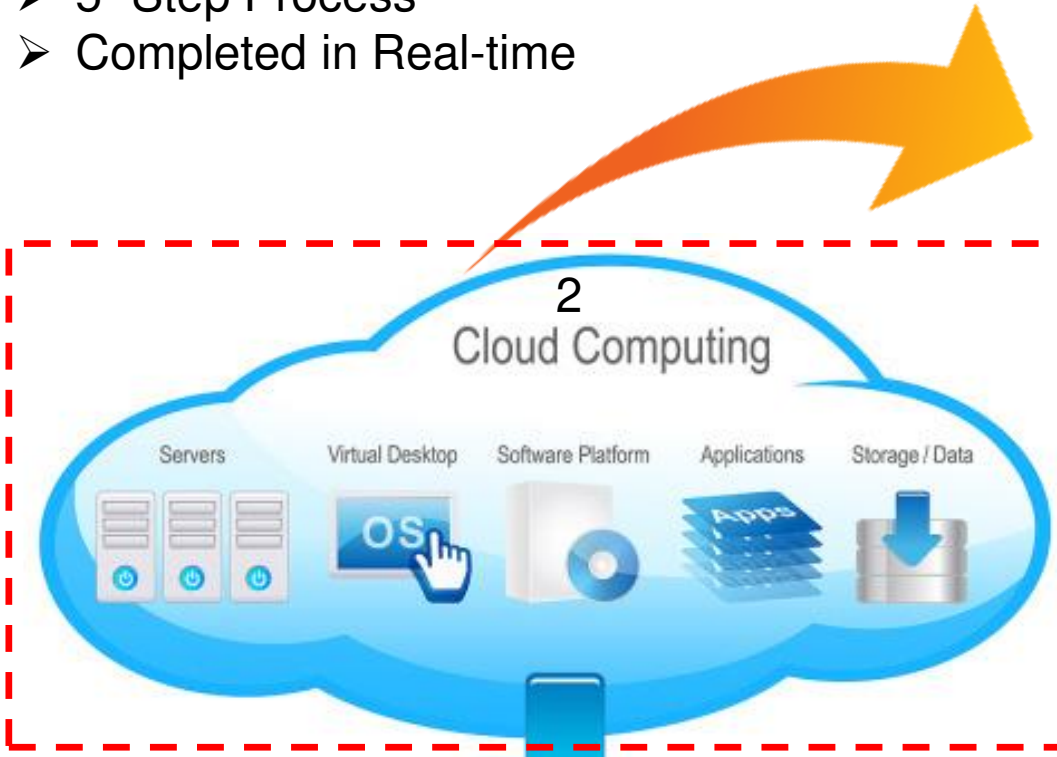
- Absence of a unified data collection approach at grassroots level:
  - Some data items are common e.g. Name, Age, Gender etc.
- Current 2-Step data capturing leads to delays and possible data gaps:
  - Step 1: Captured on paper forms
  - Step 2: Paper forms captured electronically in some cases

### ➤ **Delayed Response to Disease Outbreaks :**

- Inefficiency of current data capturing, analytics and reporting:
  - Data capturing is not real-time
  - Analysis of the captured data is not real-time
  - Reporting is not always driven by “Red Flags”

# 2.2 Solution Eco-System

- 5- Step Process
- Completed in Real-time





### ➤ **Flexible:**

- Data Capture forms can have unlimited and customised fields to suit usage
- Works on any smartphone and tablet device (Android, iOS)
- Forms and data capture function even without network (Remote Areas)

### ➤ **Scalable:**

- Number of users is unlimited
- Number of forms is unlimited – Solution can be deployed for multiple purposes within the same organisation

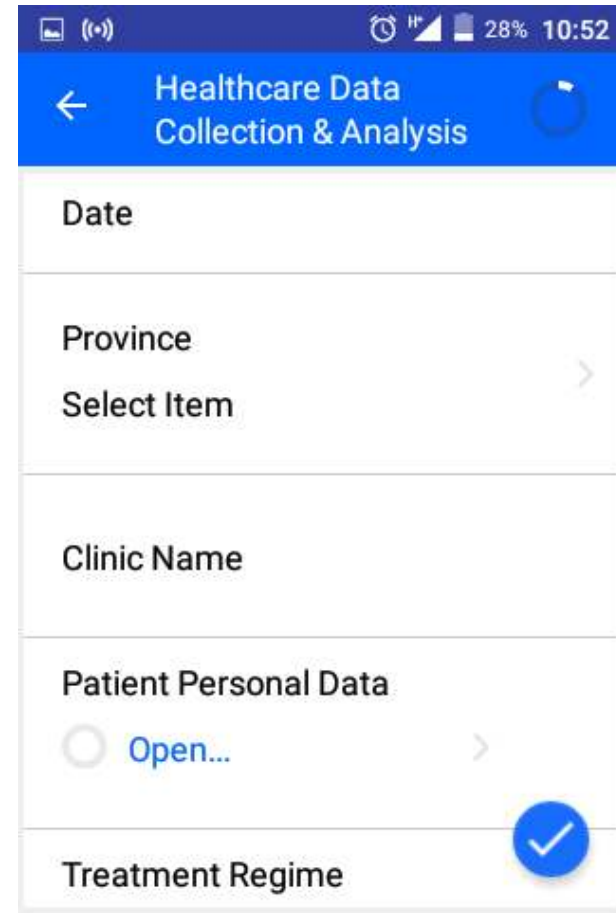
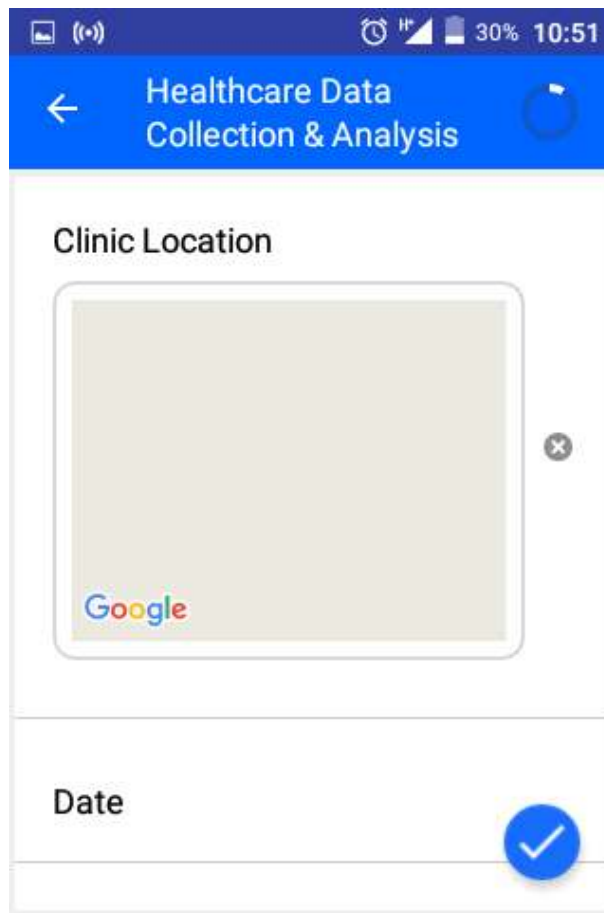
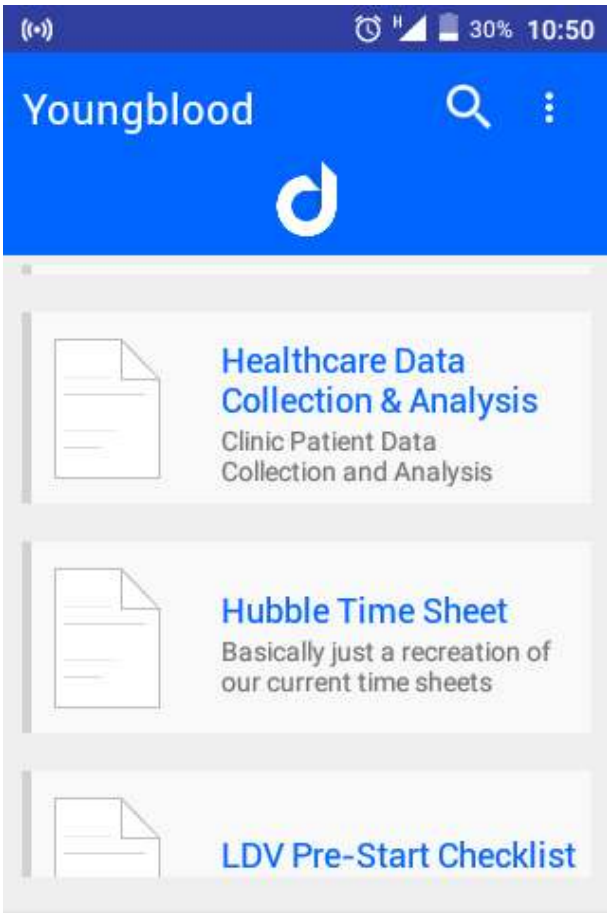
### ➤ **Secure:**

- Data is stored on encrypted servers

### ➤ **Real Time Reporting and Analytics:**

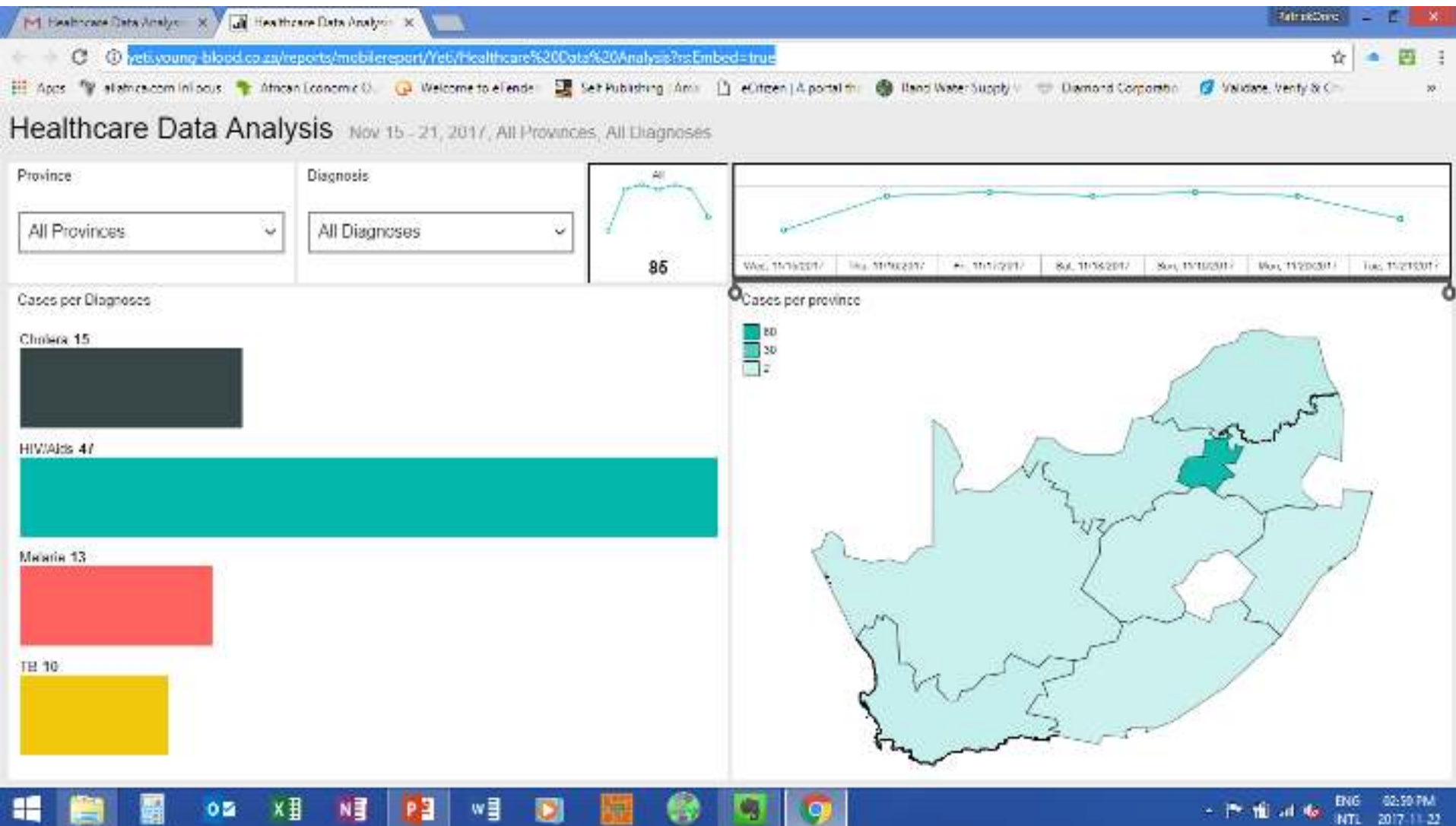
- Ability to analyse captured data while field workers are out at site and provide feedback for immediate problem resolution – Critical in outbreak situations

# 2.4 Solution Demonstration – Data Capture



# 2.4.1 Dashboard Overview

<http://yeti.young-blood.co.za/reports/mobilereport/Yeti/Healthcare%20Data%20Analysis?rs:Embed=true>



# 2.4.2 Data Analysis Report

<http://yeti.young-blood.co.za/reports/report/Yeti/Healthcare%20GIS?rs:Embed=true>

## Healthcare Data Analysis

**Diagnosis Breakdown**

Diagnosis Prevalence

- Cholera 17%
- HIV/Aids 47%
- Malaria 16%
- TB 20%

**Clinic Breakdown**

	Cholera	HIV/Aids	Malaria	TB
Boo Beta Hospital	7%	8%	8%	19%
Sodoka Hospital		5%	5%	
Fountain of Hope Wellness Clinic	57%	61%	62%	38%
Mutze Community Health Centre		5%	15%	31%
Muvweni Clinic	7%	5%		6%
My Darling Clinic		5%	5%	
Maboomobut Clinic	7%	5%		



**END**

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## **Data for the Africa We Want: A Focus on Health**

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