



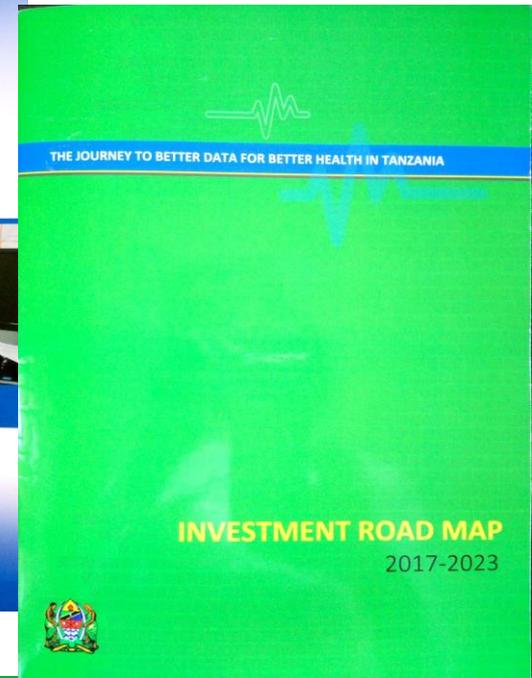
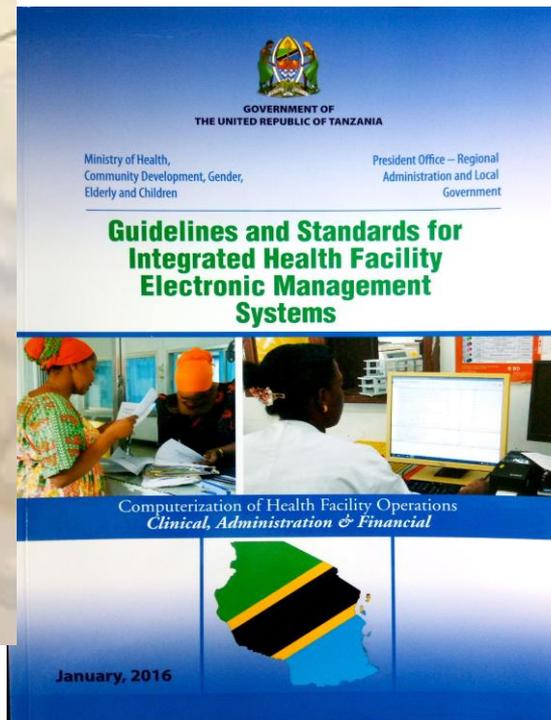
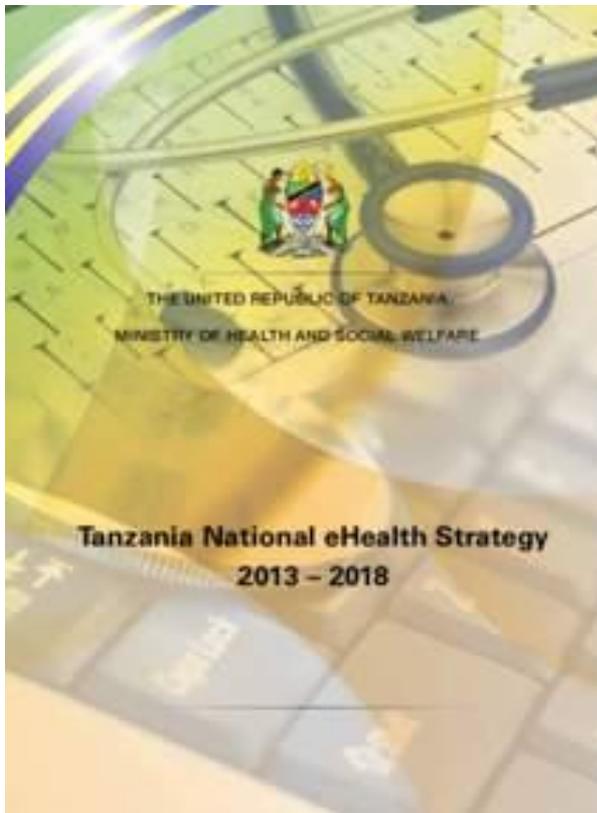
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# **RMO/DMO Meeting**

## **eHealth Implementation**

**Walter Ndesanjo, ICT- MoHCDGEC**

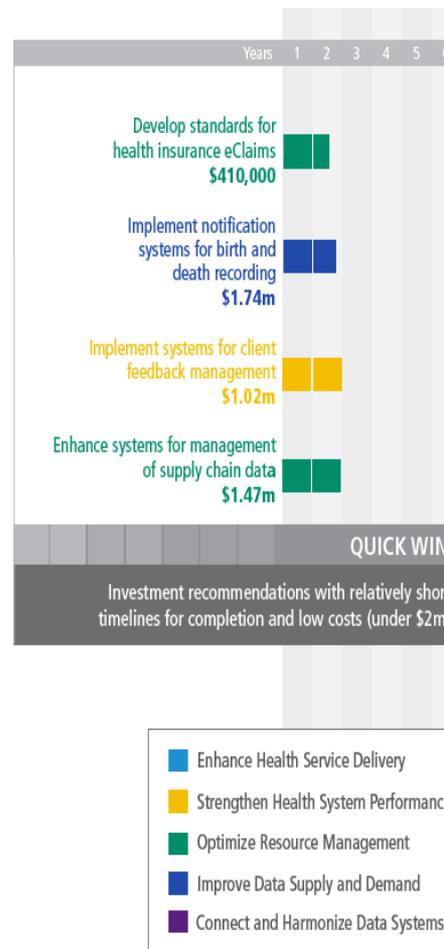
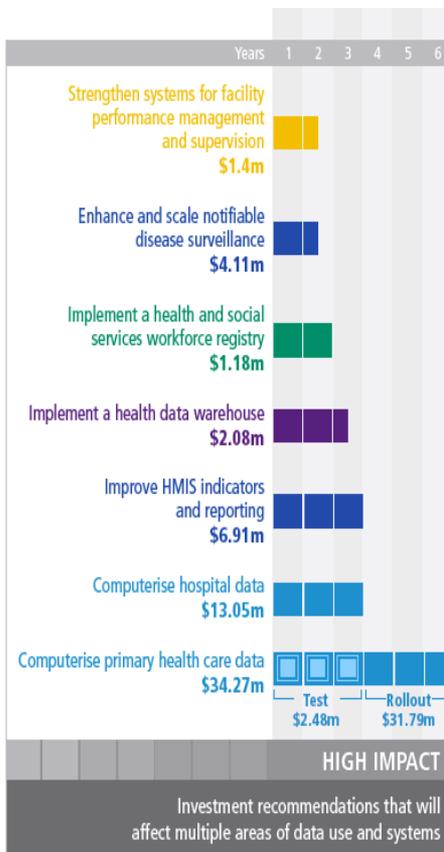
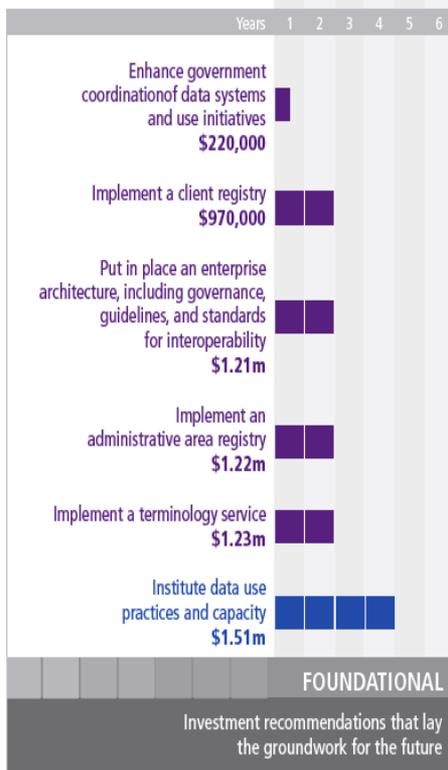
# Guiding documents



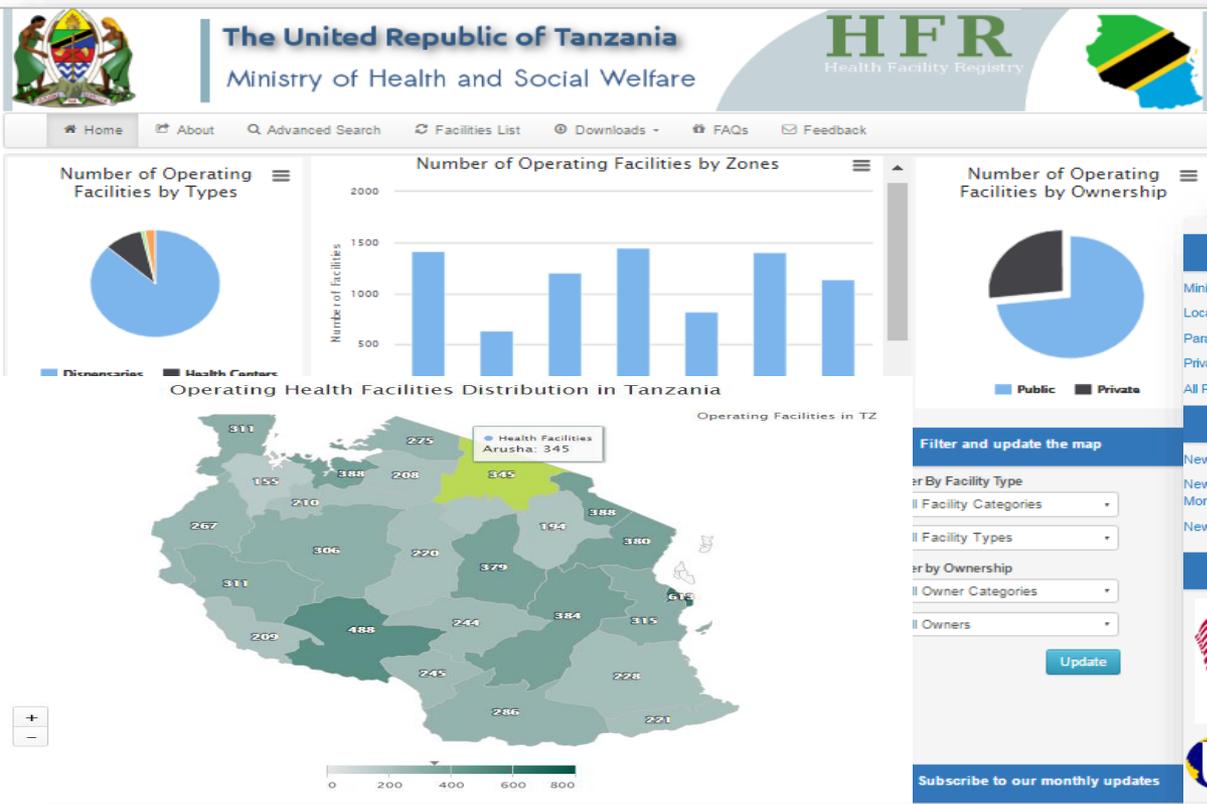
# Costed Digital Health Investment Roadmap

## ROAD MAP: THE JOURNEY

With these priority investments, Tanzania will be able to effectively use data to improve health.



# HF Registry Dashboard



#### FACILITY OWNERSHIP

Ministry of Health (MoHSW) | Military | Police  
Local Government Authorities (LGA's) | Prisons  
Parastatals | Other MDA's | NGO's  
Private - For Profit | Private - Faith Based (FBO)  
All Public | All Private

#### FACILITY TYPES

National Hospitals | Zonal Super Specialist Hospitals  
Referral Hospitals | National Super Specialist Hospitals  
Regional Referral Hospitals | Designated District Hospitals  
District Hospitals | Other Hospitals | Dispensaries  
Health Centers | Nursing Home | Maternity Home

#### LATEST UPDATES

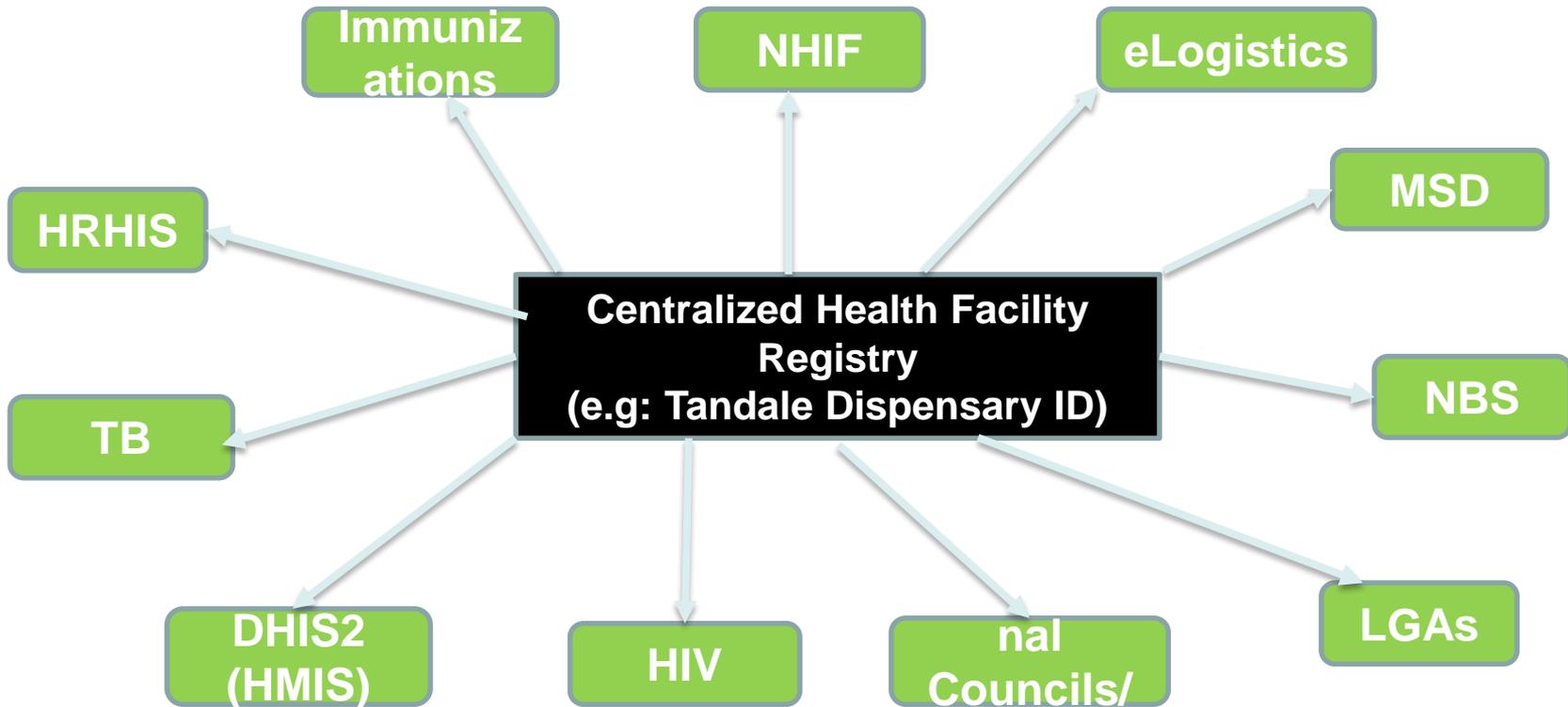
New Facilities This Month | Facilities Updates This Month  
New Facilities Last Three Months | Updates Last Three Months  
New Facilities This Year | Facilities Updates This Year

#### DOWNLOADS

Facilities with no Geo-Coordinates | Summary and Tables

#### TANZANIA HEALTH FACILITY REGISTRY (HFR) PARTNERS

# Shared Single Health Facility ID

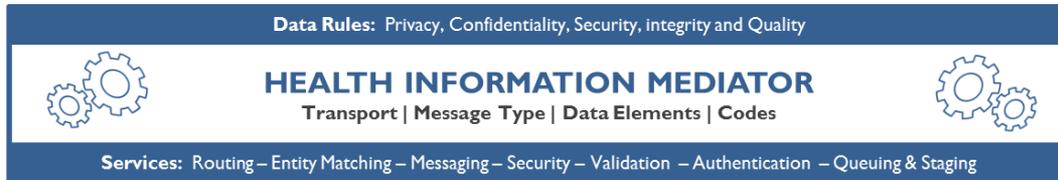


# Tanzania HIE Conceptual Model

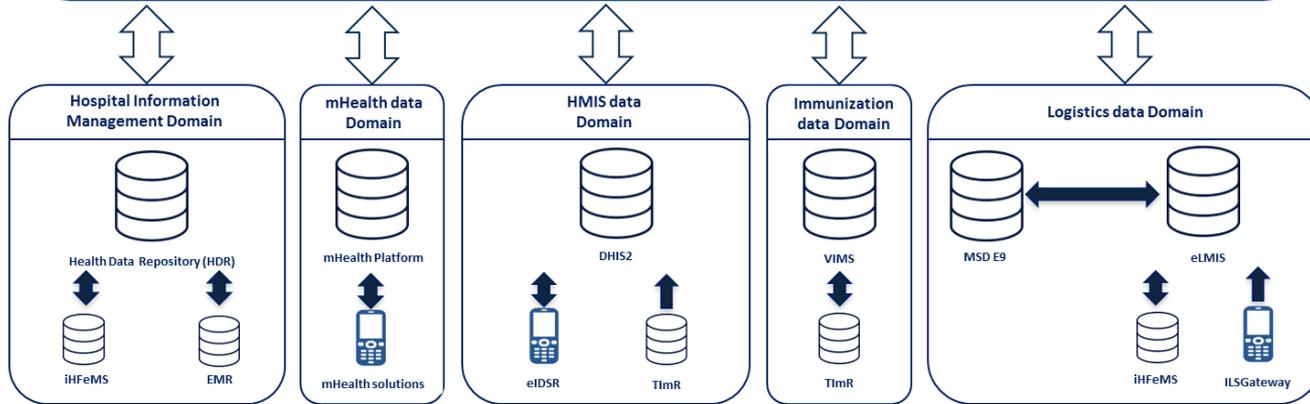
Interoperability layer components



Interoperability service layer



External System with Domain specific interoperability



Point of Service and Decision Support Applications

# The Interoperability Layer Platform

The screenshot shows the 'Administrator Dashboard' for TZ HIM. The browser address bar indicates the URL is <https://tzhimstage.health-e-link.net/administrator>. The navigation menu includes: Dashboard, Organizations, Message Types, Configurations, Connections, Processing Activity, System Admin, and Log out.

**Administrator Dashboard Metrics:**

- 12 Organizations** (View all)
- 11 Message Types** (View all)
- 25 Configurations** (View all)
- 0 Pending Delivery** (View all)

**Organizations Table:**

Organization Name	Date	Status	Action
HRHIS	3/26/2018	Public	<a href="#">Edit</a>
E9	2/06/2018	Public	<a href="#">Edit</a>
Mbeya Zonal Referral Hospital	1/25/2018	Public	<a href="#">Edit</a>

**Message Types Table:**

Message Type Name	Date	Status	Action
HMIS Revenue Transaction	5/02/2018	active	<a href="#">Edit</a>
VIMS Children Vaccinated Counts	4/06/2018	active	<a href="#">Edit</a>
HRHIS Healthcare Worker Updates	3/28/2018	active	<a href="#">Edit</a>



THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF HEALTH, COMMUNITY DEVELOPMENT, GENDER, ELDERLY AND CHILDREN  
HOSPITAL DATA REPOSITORY



Today Wednesday June 7, 2017 | MNH-Jeeva Updated June 6, 2017 | MOI-MediPro May 30, 2017 | JKCI - Jeeva June 6, 2017 | KBIH - Care2X May 30, 2017

REPORTED MONTH **June 2017** ▼

Monthly Bed Occupancy Rate



MNH (May '17)

[Click here](#)



JKCI (May '17)



MOI (April '17)



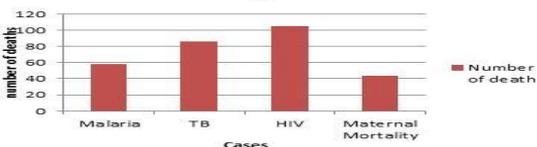
MZRH (June '17)



KIDH (June '17)

Death by Disease Case

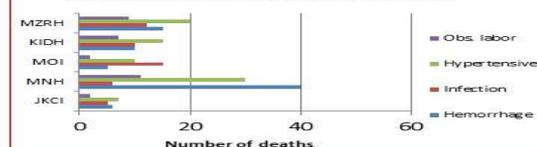
Number of deaths by disease case, June 2017



Number of deaths per disease case by Hospital, June 2017



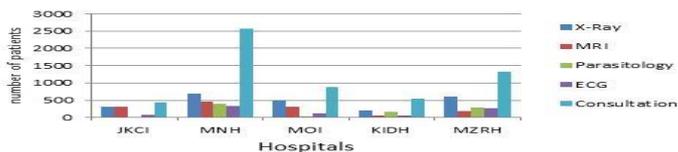
Monthly Maternal mortality by case, June 2017



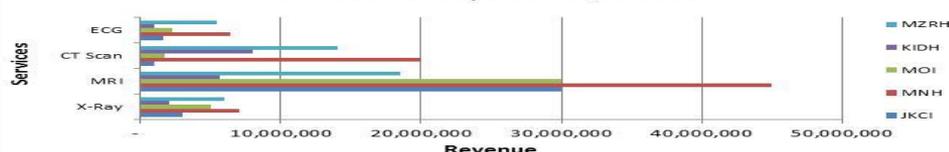
Note: Number of deaths reported from x number of hospitals

Patients Received Particular Service

Number of patients per service, June 2017

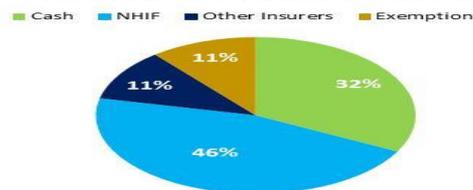


Revenue collected per service, June 2017

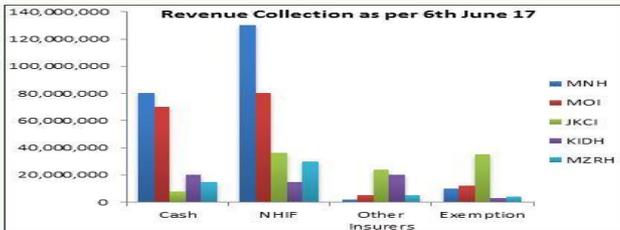


Revenue Collection

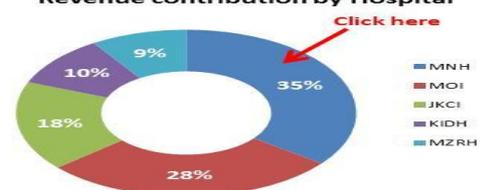
Revenue contribution per sources



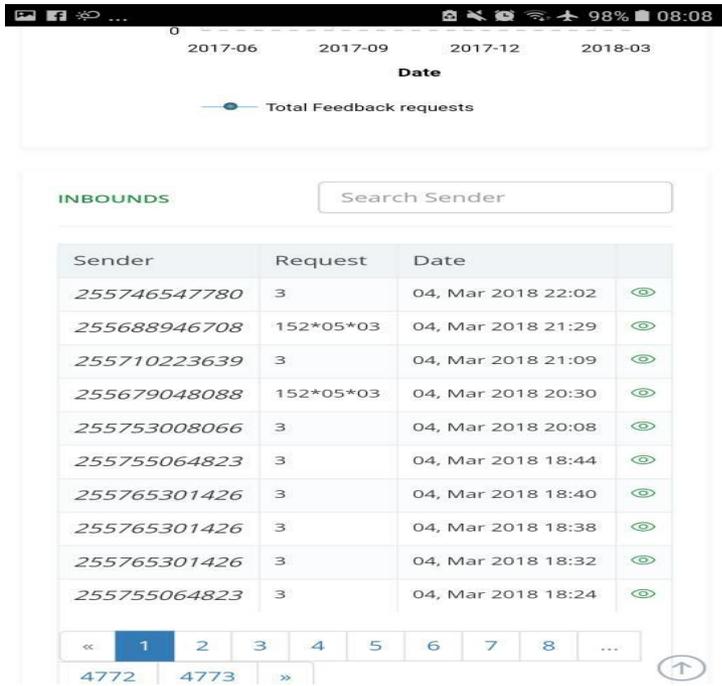
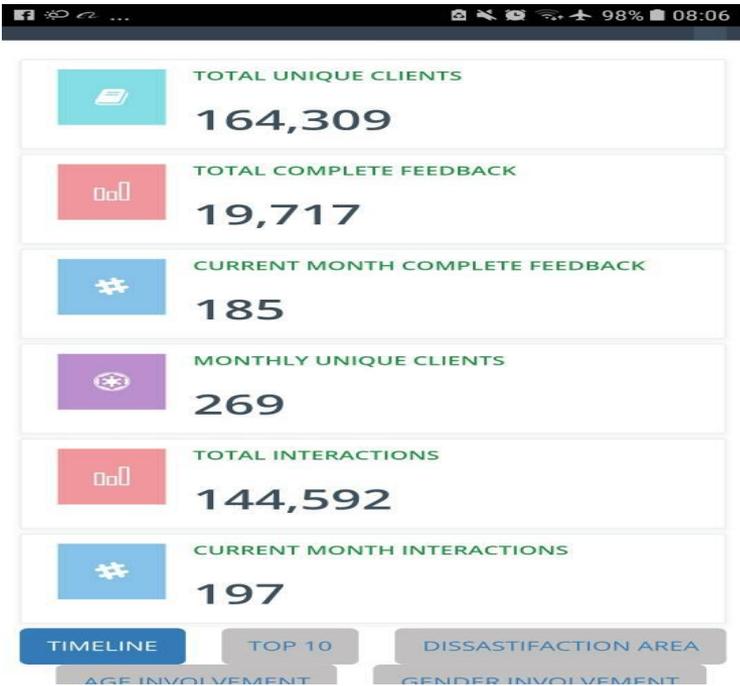
Revenue Collection as per 6th June 17



Revenue contribution by Hospital



# Feedback dashboard



Report through \*152\*05\*03#

# FEEDBACK VISUALIZATION (testing data)



# Next Steps

- Continue with the Implementation of Digital Health as per Investment Recommendation Roadmap
- Evaluate eHealth strategy implementation and Develop new eHealth strategy
- TOT to starting with 50 ICT officers from Hospital
- Complet LAN installation to all RRHs
- Massive training (Basic Computer and usage of EMR) to Health workers to all RRHs Plan to be shared by 23/08/2018
- Continue coordinating funds to implement Digital Health Roadmap to Health facilities and community based

# Lesson Learnt

- Leadership and coordination is the key
- Identify and build Foundation aspects of the quick wins
- Human resource need to be capacitated and motivated
- Identifying championship in each department
- Still need ICT expertise at the Hospital
- Computing Infrastructure (Computer and gadgets) is the most limit factor for quick scaling

# Implementation Plan

SN.	Activity	Implementation and Distribution Timeline					
		QTR3-18	QTR4-18	QTR1-19	QTR2-19	QTR3-19	QTR4-19
1	RRH LAN Assessment						
	<b>PY1</b>						
2	Procurement of LAN Vendors for 6 RRHs						
3	Distribution of ICT infrastructure for 6 RRHS						
4	Supervisions visit						
5	Launch event with Regions Leadership						
6	Commisioning						
7	Hand over sites						
	<b>PY2</b>						
7	Procurement of LAN Vendors 20 RRHs						
8	Distribution of ICT infrastructure for 20 RRHS						
9	Supervisions visit						
10	Launch event with Regions Leadership						
11	Commisioning						
12	Hand over sites						



**Thank you**