



# Measures to prepare for Health Pandemics

**Liberia**

Presented by:

**MOH/MFDP**

# Outline

1. General overview of health sector
2. Ebola in Liberia
3. Measures to prepare for pandemics: Building a resilient health system
4. Lessons learned



# 1. General overview of health sector

## LIBERIA in 2011/2012

Economy			Health		
	2011	2012		2011	2012
GDP (US\$) <sup>5</sup>	\$ 768,000,000	\$ 835,100,000	Human Development Index Rank, out of 186 countries (2012) <sup>4</sup>	174	
GDP/Capita (US\$) <sup>5</sup>	\$ 188	\$ 199	Life expectancy at birth (2011) <sup>6</sup>	59	
PPP <sup>2</sup> (US\$)	\$2,400,000,000	\$2,645,000,000	Fertility Rate <sup>2</sup> per person	6.583	6.617
PPP/Capita <sup>2</sup> (US\$)	\$ 619	\$ 665	Birth rate, crude (per 1,000 people) <sup>2</sup>	49.043	49.029
General government total expenditure (% of GDP) <sup>2</sup>	29.10%	30.42%			
Total Population <sup>1</sup>	4,079,697	4,190,435			

1 World Bank Data (Base Year 2000)

2 IMF (Country Cooperation Strategy at a Glance (available on line:<http://www.who.int/country> focus)

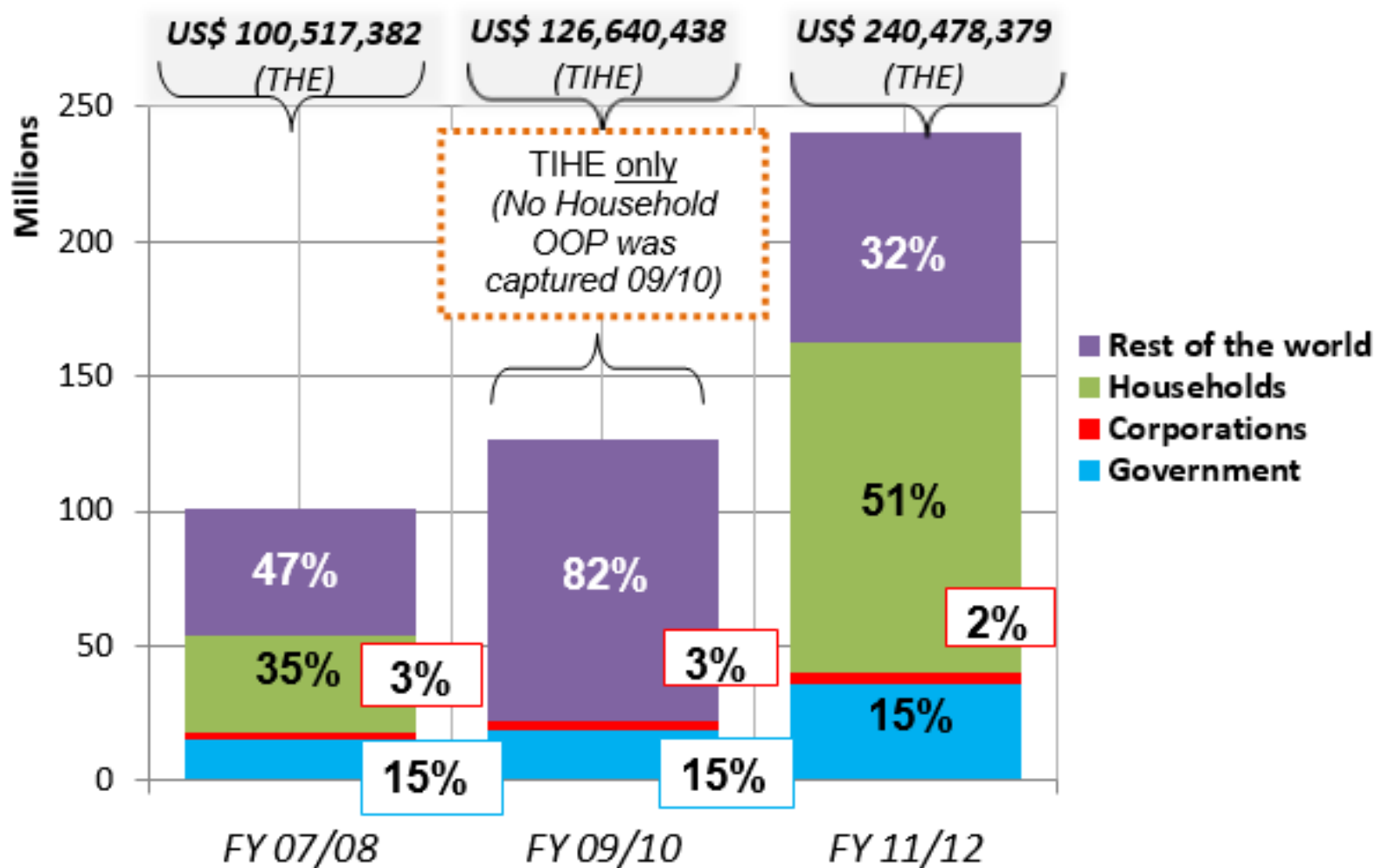
3 World Health Statistics 2013

4 Human Development Report UNDP 2013

5 Liberia Central Bank (LCB) - LCB Annual Reports for 2011 and 2012

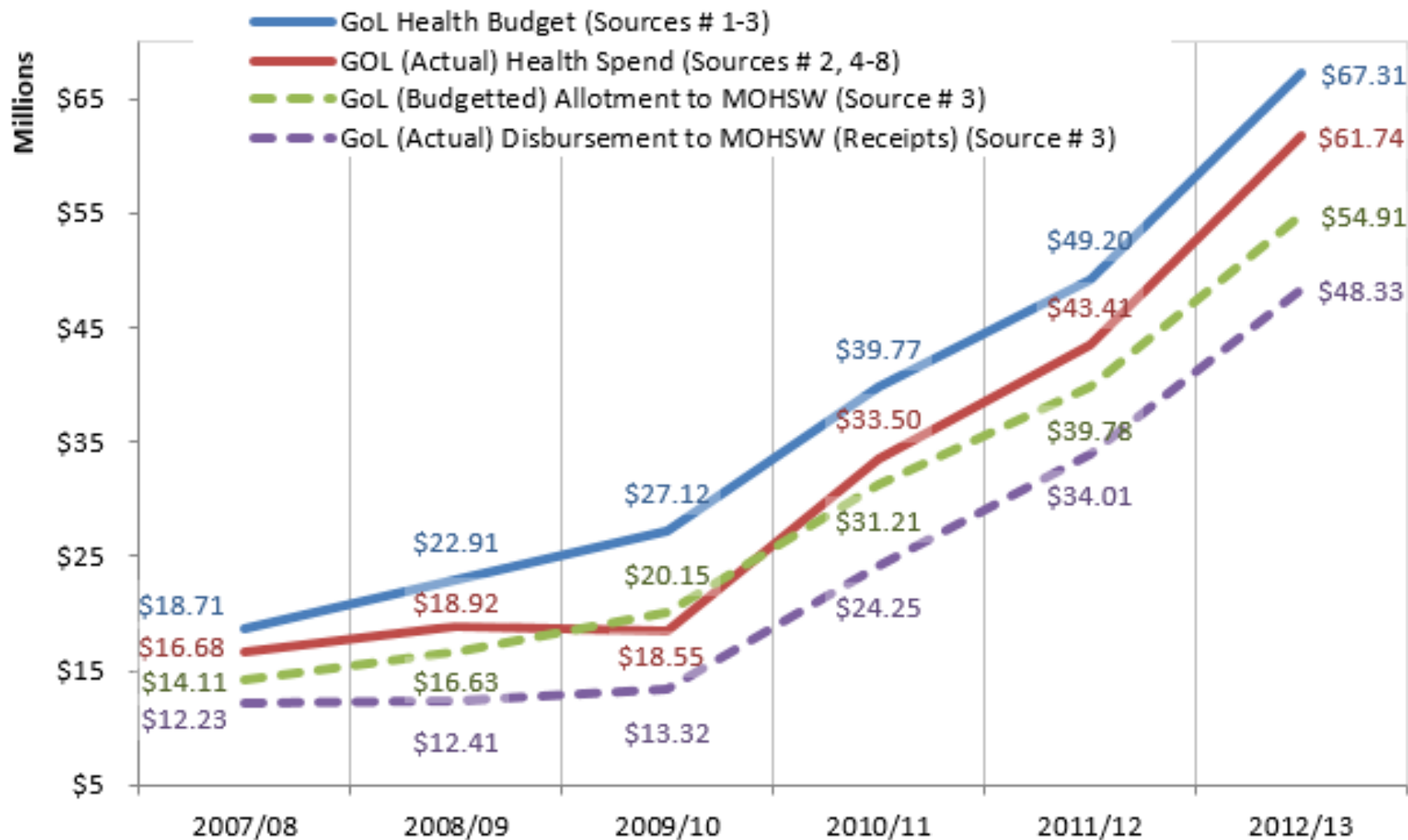
6 World Health Statistics 2014

# Breakdown of THE by Financing Source



Source: NHA 2011/2012

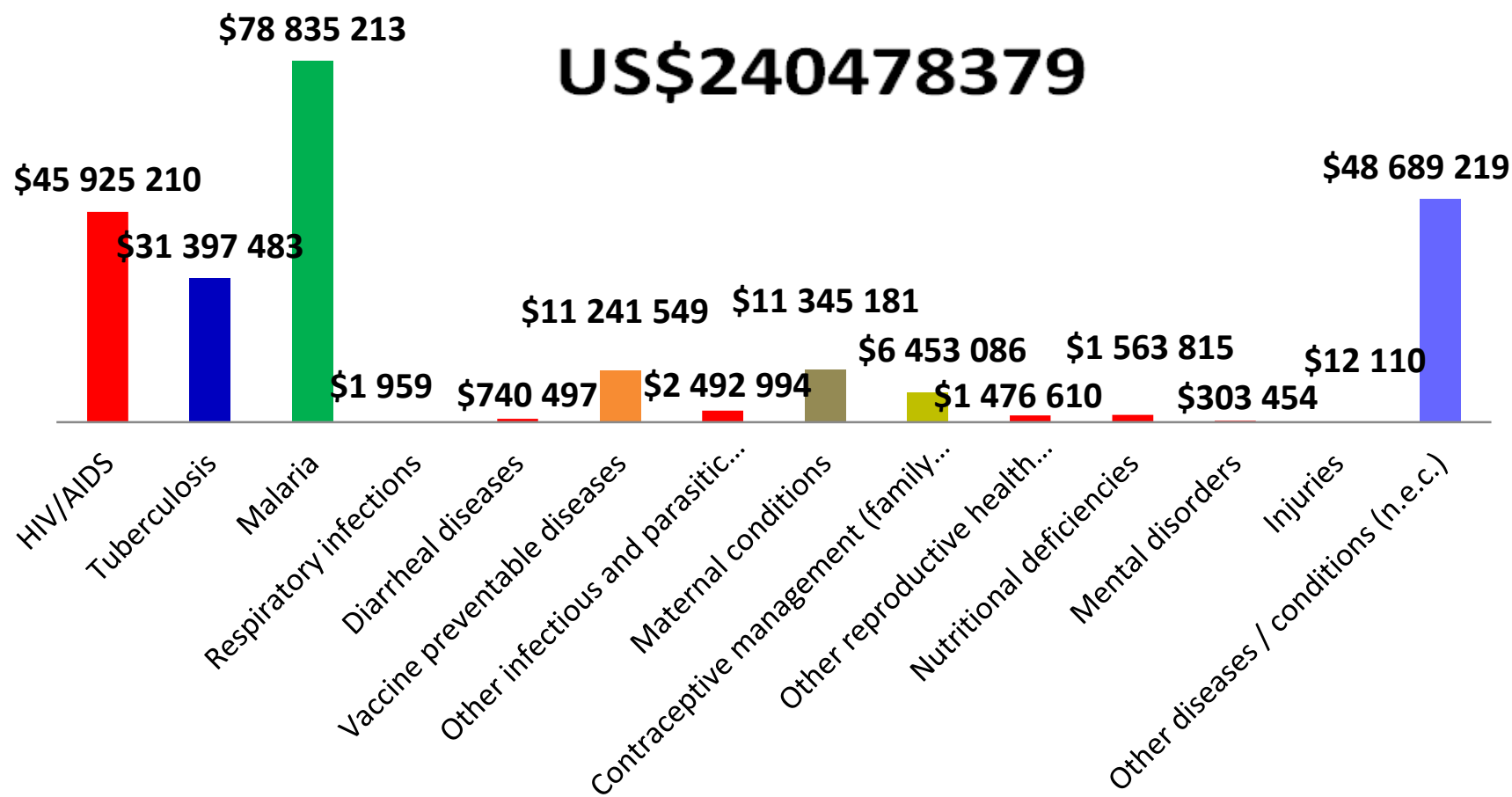
# Government Health Expenditure



Source: NHA 2011/2012

## 1. General overview of health sector

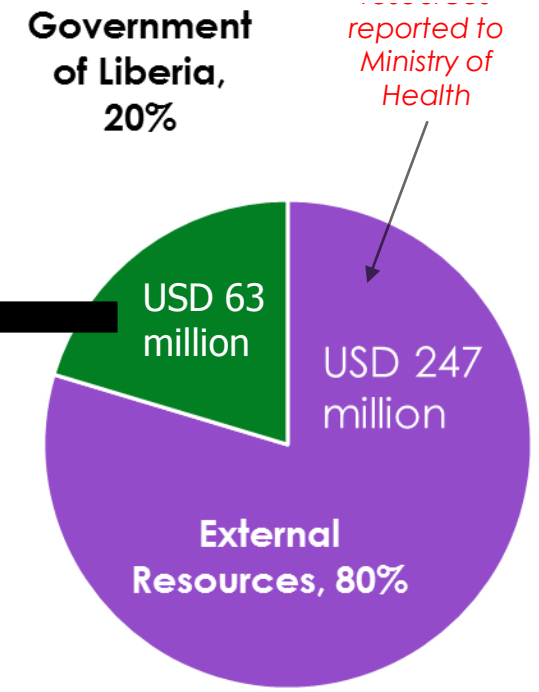
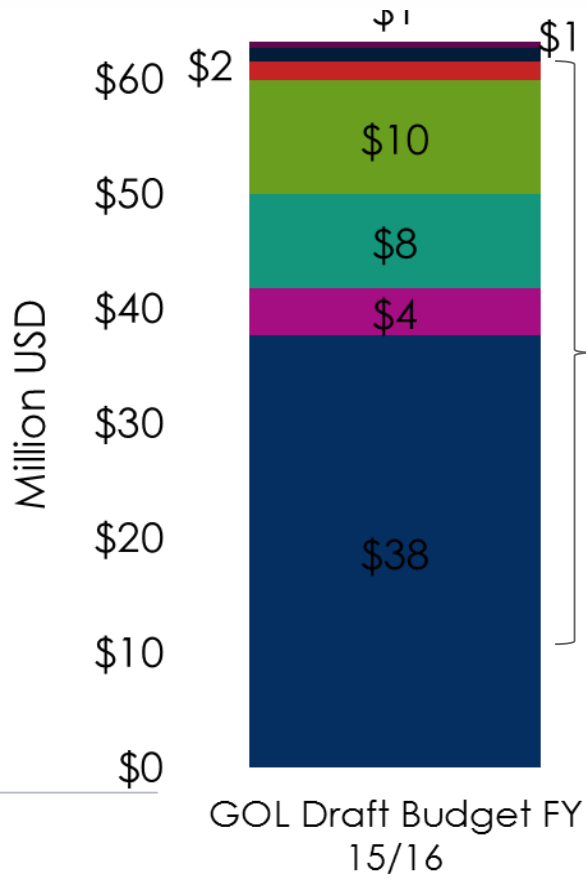
# Distribution of Expenditure by Disease FY 2011/2012



Source: NHA 2011/2012

# Resource Mapping for FY 15/16

- Research Institutes (incl. HR)
- Regulatory Bodies (incl. HR, capital)
- Teaching Institutions (incl. HR, capital)  
Capital Investment
- Service Delivery (excl. HR, drugs)
- Other Goods & Services
- Drugs & Medical Supplies
- Personnel



*Excludes US\$78 million OFDA funds reported to MOH, as these were Emergency funds and have largely been spent*

*Excludes donor and NGO project funds reported as ending in JUL-SEP 2015*

*52 of 107 partner organizations active in Liberia's health sector responded to RM survey*

## EBOLA EXPERIENCE IN LIBERIA

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- 8 April 2015: WHO reported total of 25,515 suspected, probable, and confirmed cases and 10,572 deaths
  - Liberia: 9,862 suspected, probable and confirmed cases
  - Liberia: 4,408 death
- Health workers 30 times greater risk than rest of adult population
  - Liberia: 372 confirmed and probable cases health worker infections and 184 deaths
- Regional economic cost: USD 0.5 – 6.2 billion



# RESPONSE STRATEGIES DURING EBOLA

- Enhanced/Heightened Surveillance
  - Contact tracing and active case search
  - Cross-Border
- Case Management: ETU, SITTU, CCC, RITE, IPC
- Psychosocial Support
- Dead Body Management: Safe dignified negotiated burial
- Expanded Lab. Testing
- Deepen Community Engagement
- Support Service: Essential Supply Chain, Finance, Workforce
- Research
- Coordination

Working in partnership



# HEALTH SECTOR ASSESSMENT REPORT



### KEY FINDINGS:

### Strategy to Address Issues:

- Human resources for health**
  - Health workforce shortage , attrition and demotivation
- Health infrastructure**
  - Geographical location of health facilities, deplorable road conditions, limited referral facilities, no public transport
- Health information systems**
  - Low reporting by private sector, merely gradual improved timeliness of reporting, lack of communication between systems

Fit-for-purpose workforce through training, evidence-based workforce planning, build capacity

Re-engineer health services incl. up-grading and building facilities

Strengthen and harmonize information collection systems

# HEALTH SECTOR ASSESSMENT REPORT

## KEY FINDINGS:

### Health services

- Low utilization and low quality of services

### Health financing

- Donor driven and unpredictable funding, low government spending on health.
- Majority of Donor financing flows through NGOs
- High OOP expenditure despite free user service

### Pharmaceutical

- Irregular supply of drugs leading to stock outs, unclear process for drug disposal, prescriptions given out for unavailable drugs
- Inadequate financial resources to procure drugs, weak supply chain management, limited human resources

### Impact of Ebola

- Shortage of workforce as many left or died
- Freeze in delivery of regular health care services
- Non-EVD projects put on hold

## Strategy to Address Issues:

Enhance staff's capacity to deliver EPHS reliably, improve client experience in service usage, scale up IPC strategies

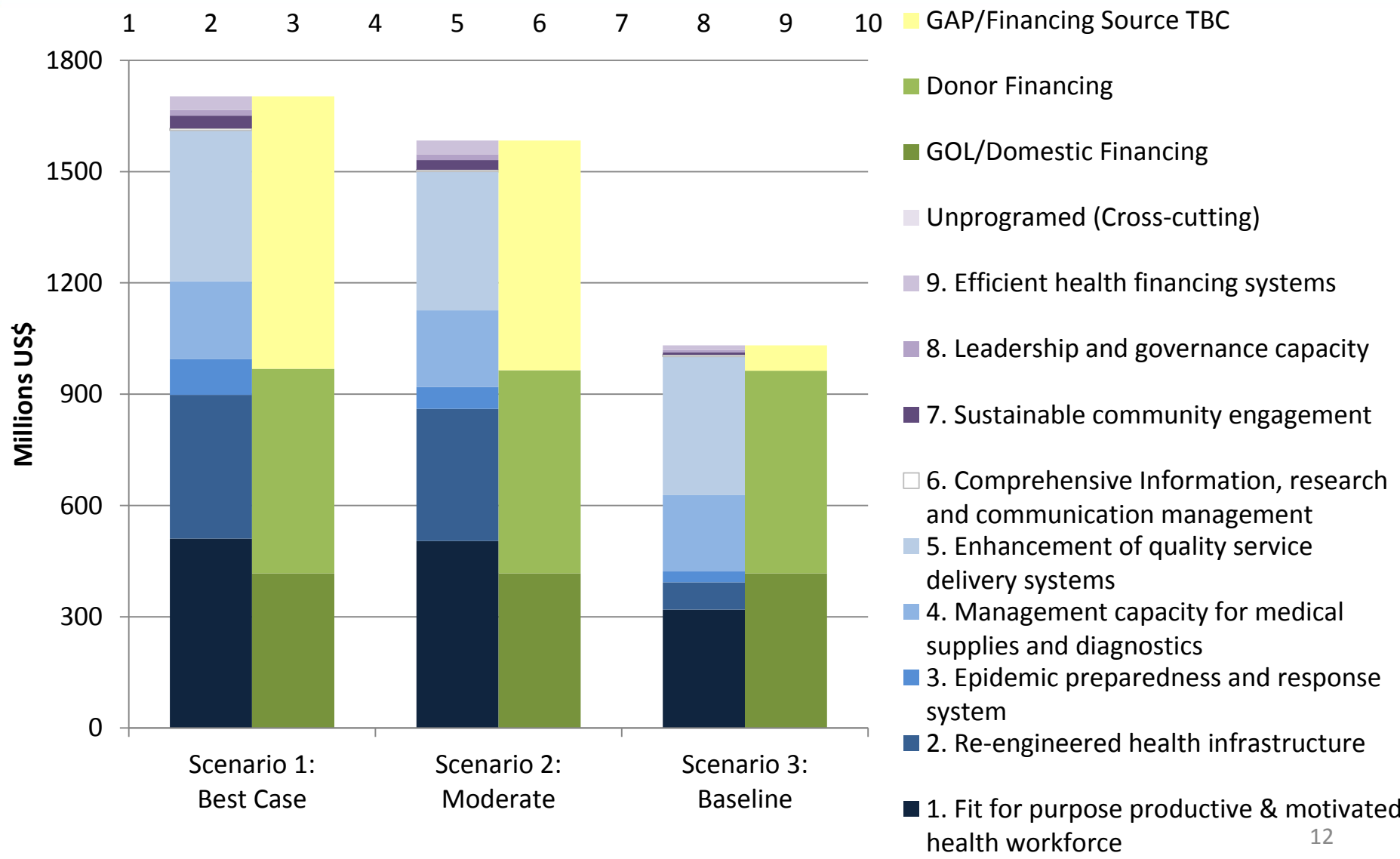
Mobilize revenue (existing), build capacity for evidence-based planning, strengthen LHEF

Strengthen National Drug System, construct storage facilities for drugs

Establish National Public Health Institute and data reporting and action frameworks

### 3. Measure to prepare for pandemics

## Estimated Cost and Identified Financing Gap to Implement “Investment plan for building a resilient health system in Liberia 2015 – 2021”



# LESSONS LEARNED

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- ❖ We are globally connected. The inability to prevent, detect and control is a common threat to all and demands shared responsibility/actions
- ❖ Supporting country based approach to foster ownership and operationalization
- ❖ Building real capacity to detect, report and respond to communicable disease outbreak
- ❖ Harmonizing finance during epidemics

Thank you for listening!

Any questions?