



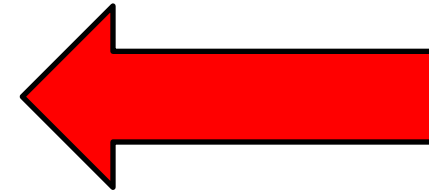
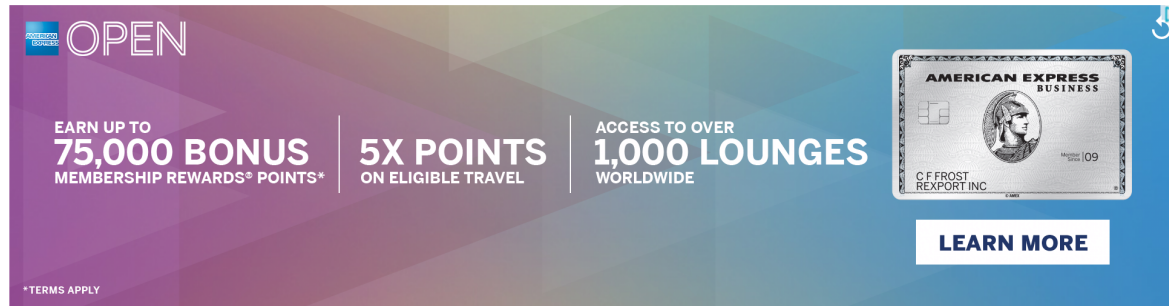
COOPER / SMITH

Data: Where will we be in 5 years?

Overview

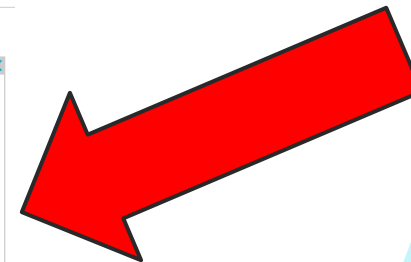
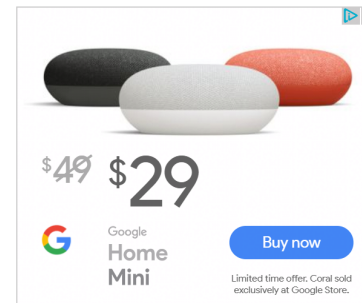
- **Where are we now?**
- **Where do we want to go?**
- **How will get there?**

Where are we now – Private Sector - ECommerce



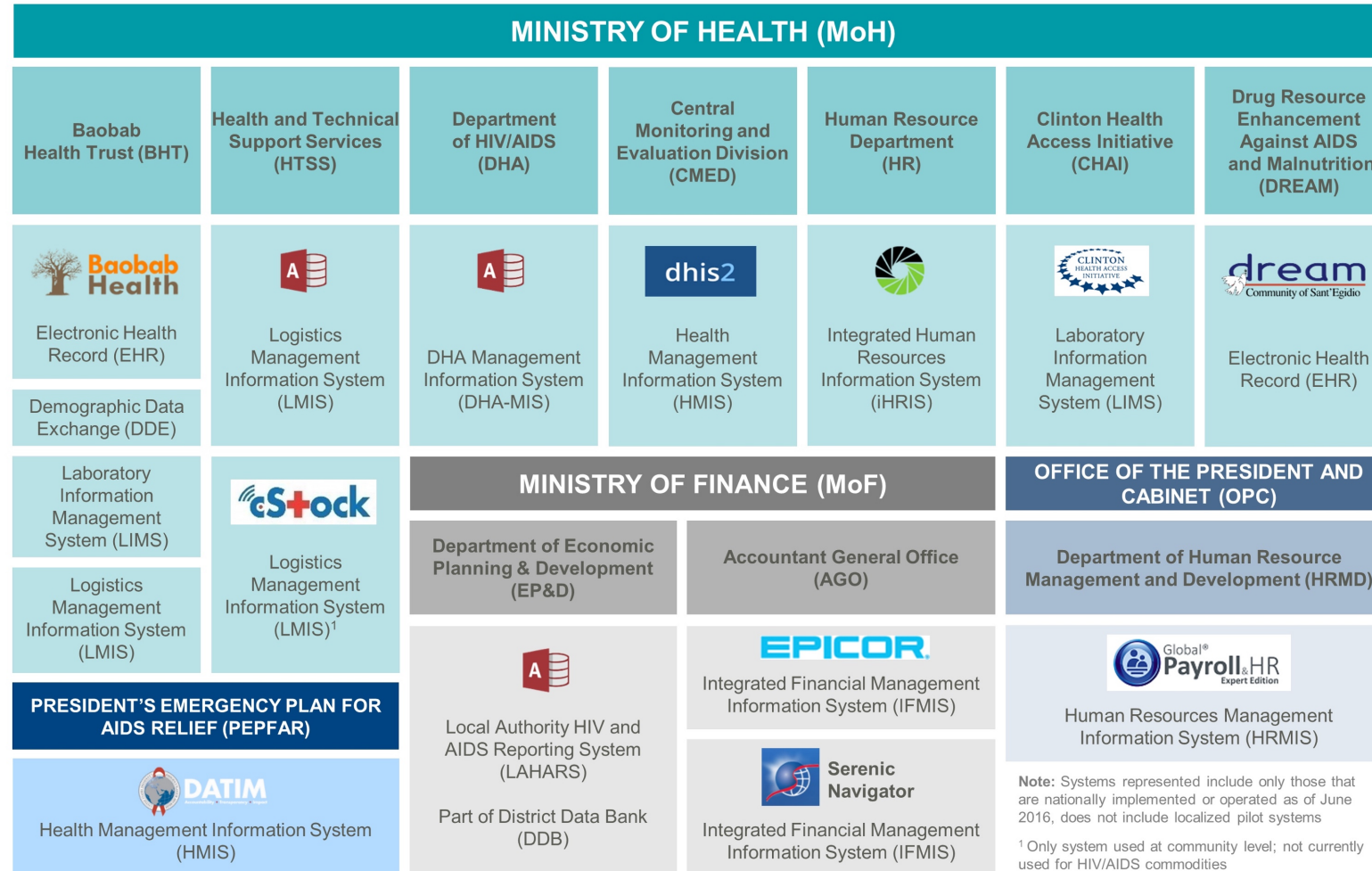
Opinions

Get ready for Trump's fireworks



Where are we now – Global Health

Electronic Health Information System (HIS) Landscape for HIV/AIDS in Malawi



Note: Systems represented include only those that are nationally implemented or operated as of June 2016, does not include localized pilot systems

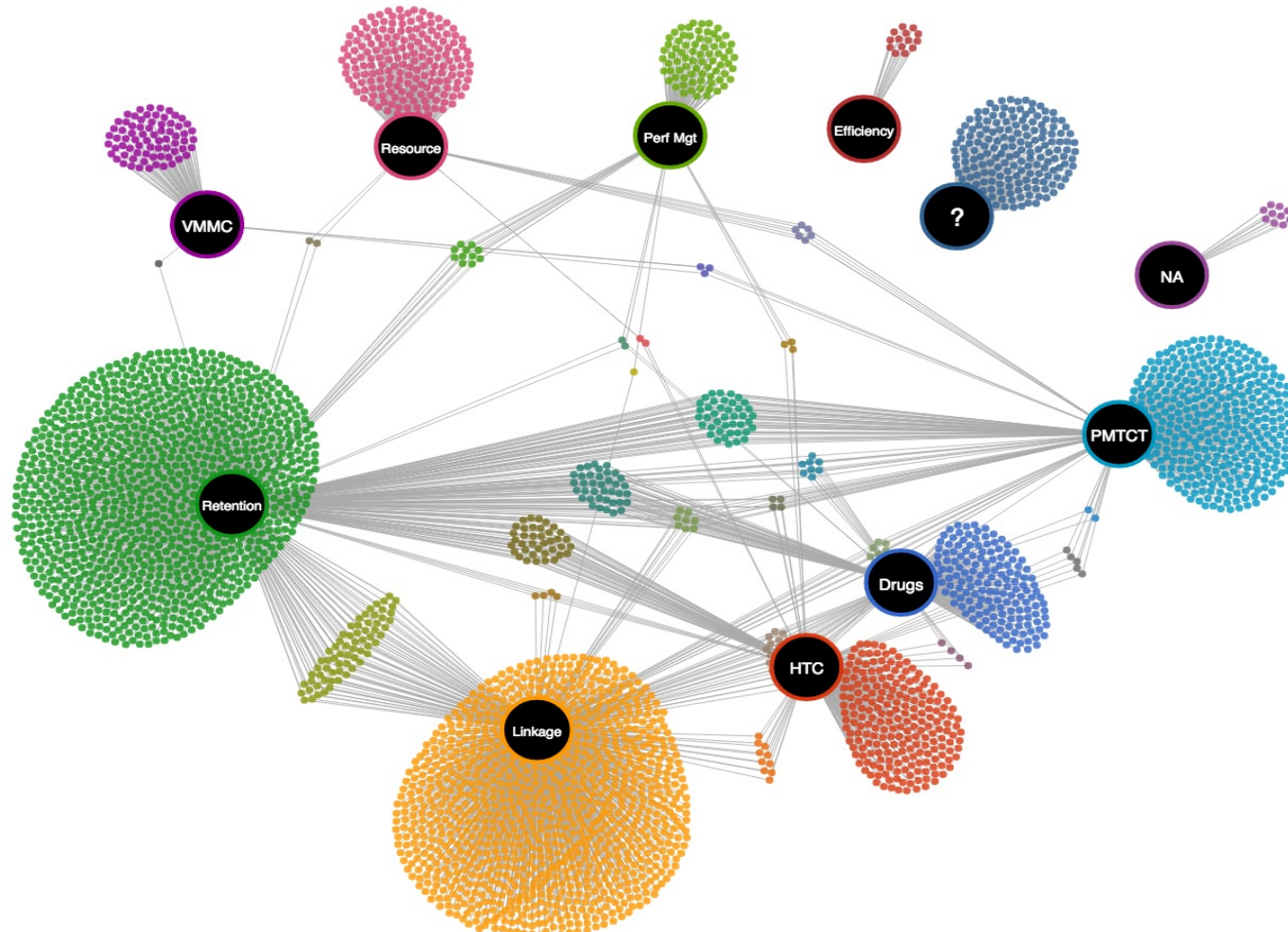
¹ Only system used at community level; not currently used for HIV/AIDS commodities

<http://www.vitalwave.com> © 2016 Vital Wave

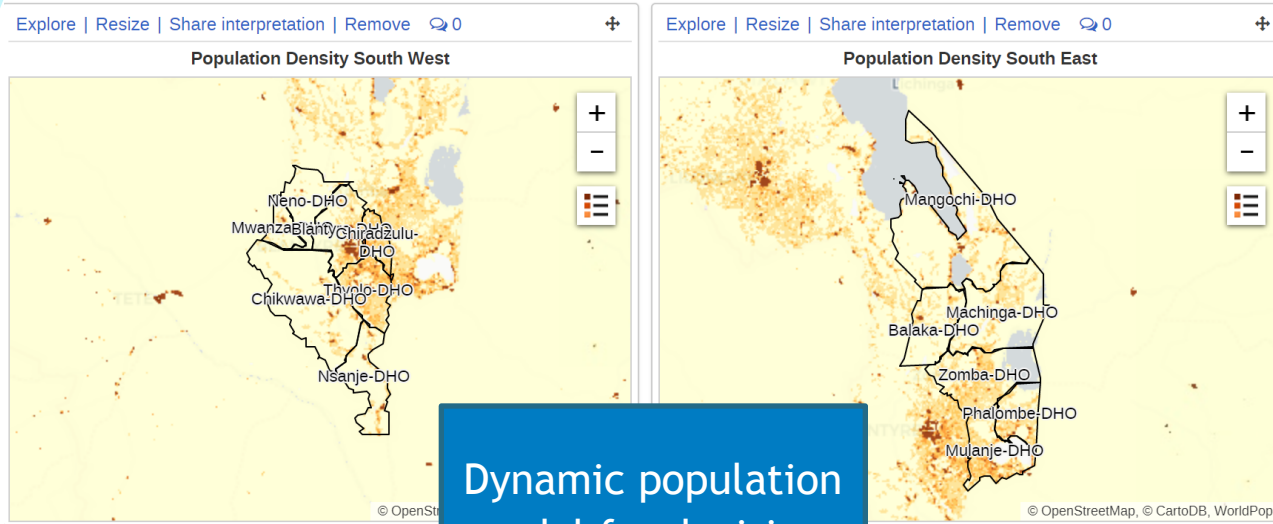
Source: Vital Wave Assessment 2016

Where are we now – Global Health

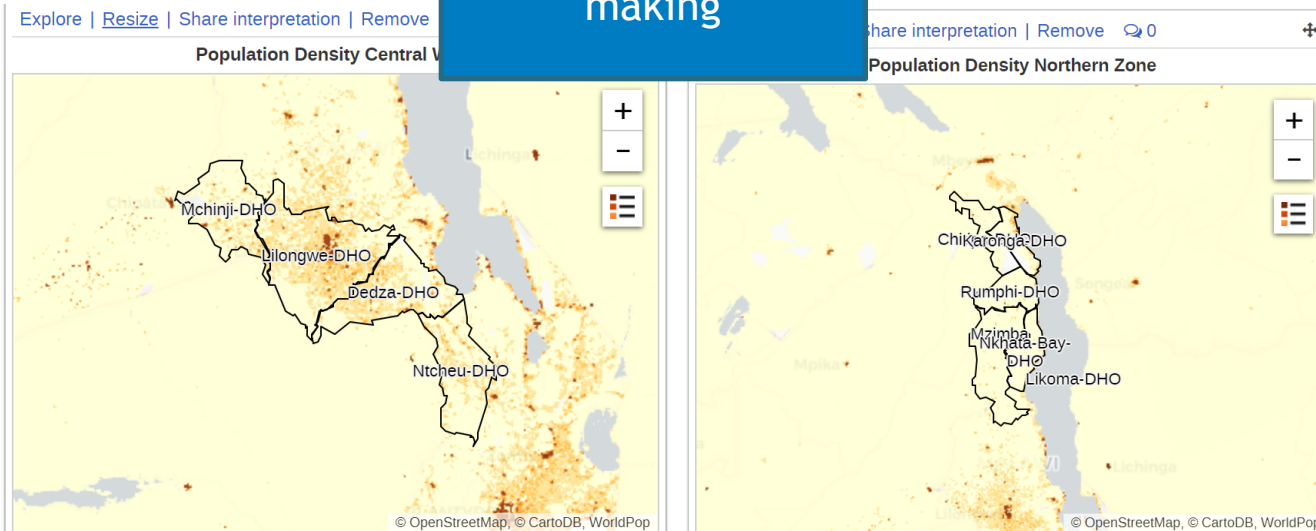
In one small country alone: over 5,000 + health related data elements and counting



Where do we want to go?



Dynamic population
model for decision-
making



Using telco data to better
target roll out of 900 MOH
health posts over next 5
years.

How will we get there?

1) What is “data use”?



How will we get there?

How do we know we've achieved a “data use” culture?



How will we get there?

2) Data Access & Data Standards

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Budget																
by Mechanism ID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by Budget Code	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by Central Funding						X	X	X	X	X	X	X	X	X	X	
by Pipeline (and Budget Code)											X	X	X	X	X	
by SNU													X	X	X	
by Table 6													X	X	X	
Expenditures																
by Mechanism ID										X	X	X	X	X	X	
by Program Area										X	X	X	X	X	X	
by Cost Category										X	X	X	X	X	X	
by SNU										X	X	X	X	X	X	
by Mechanism ID-SNU										X	X	X	X	X	X	
Targets																
by Country		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by Mechanism ID		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by SNU										X	X	X	X	X	X	
by Site													X	X	X	
Results																
by Country		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by Mechanism ID		X	X	X	X	X	X	X	X	X	X	X	X	X	X	
by SNU										X	X	X	X	X	X	
by Site													X	X	X	
SIMS Data																
by SNU													X	X	X	
by Site													X	X	X	
Metadata Needed																
Common Mechanism ID (de-identified) across data sources for linkage																
Country prioritization by SNU and Site by year																
Integrated PEPFAR site list, with geographic data (de-identified) but with a ID which can be linked to priority list																

Current
availability of
PEPFAR data

Publicly Available Data

May be Available but Low Quality

Not Available at all

X = Data are believed to exist

How will we get there?

2) Data Access & Data Standards



Luzi Orphan Care CBO wants feedback on how they can do their work better

How will we get there?

3) Ability to USE data: training

Three recent studies in Malawi – between 45-55% of data handlers at point of care had NEVER been trained in data management or data use

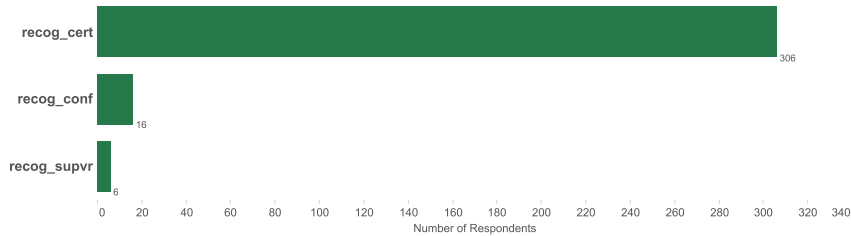


How will we get there?

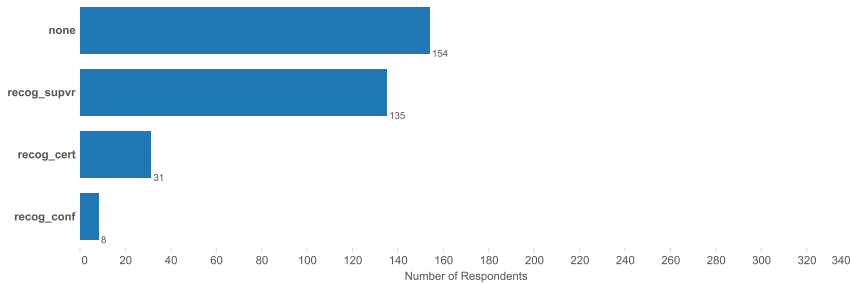
3) Ability to USE data: incentives

Recognition
(n=328)

Which of these scenarios do you prefer?



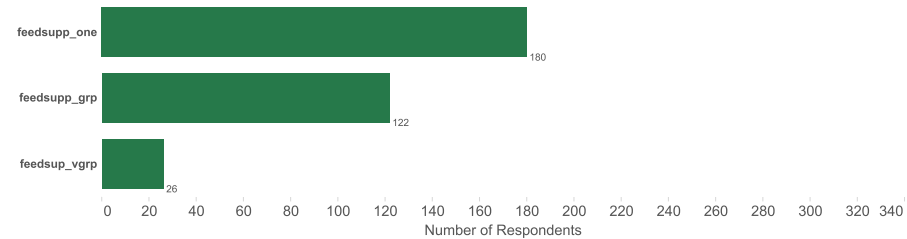
Which of these scenarios is most like your current situation?



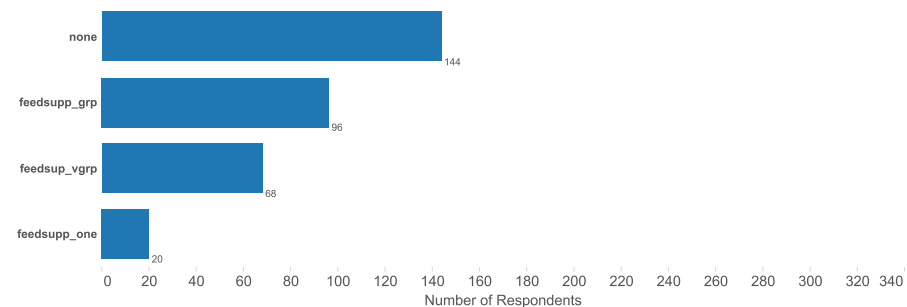
Overwhelmingly preference for **DATA MANAGEMENT CERTIFICATE** but current situation either **NONE** or **SUPERVISOR RECOGNITION**.

Feedback & Support
(n=328)

Which of these Feedback & Support scenarios do you prefer?



Which of these scenarios is most like your current situation?



Preference for **ONE-ON-ONE FEEDBACK**, but current situation either **NONE** or **GROUP FEEDBACK**.

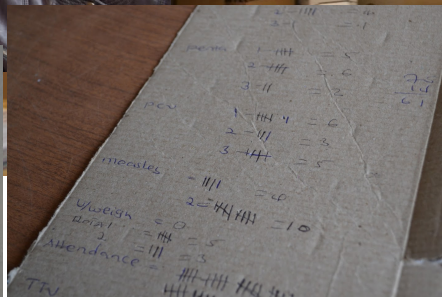
How will we get there?

4) Keeping it clean: Importance of data hygiene



How will we get there?

5) We need to share our work, warts and all



Contact

Thank you!



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