

# "Unconference" Open Session - How to assess and continuously improve maturity of health information systems for achieving better health outcomes

Session Name: How to assess and continuously improve maturity of health information systems for achieving better health outcomes

OHIE18 Event Page - [ohie.org/OHIE18](http://ohie.org/OHIE18)

Time / Room: 3:30 - 4:15 Faru

Presenter: Manish Kumar, MEASURE Evaluation; James Kariuki, CDC

Etherpad: [https://notes.ohie.org/2018-08-02\\_Unconference\\_Faru\\_330](https://notes.ohie.org/2018-08-02_Unconference_Faru_330)

Notes:

Manish Kumar, MEASURE Evaluation:

Collaboration for HIS improvement:

HIS improvement is not possible in isolation

Collaboration with Health Data Collaborative, CDC, and MEASURE evaluation

"There are tons of maturity models"

- But you won't always know how it was developed, and many of them look at one small perspective but don't look at HIS as a whole
- Why measure HIS stages of continuous improvement?

James Kariuki, CDC:

What should we measure?

- HIS core domains, components and sub-components

HOW should we measure it?

- 5-point measurement scale
  - emerging/ad-hoc --> repeatable --> defined --> managed --> optimized
- The toolkit helps countries assess, plan and prioritize investments
- Map a path toward improvement
- And document successes and challenges in HIS progression
- WHO should use this?
  - for this national-level HIS assessment/improvement process, you need many stakeholders: from the health system, at various levels, who have expertise in one or more of the HIS components
- This can be used by a team and with a defined scope, EG, "full HIS in a country" or "all malaria data sources" or "this portion of the HIS data system"

Q&A:

Question: How do you connect these MIS improvements to health outcomes? Can we tie it together?

Next Steps:

- Use this assessment toolkit and give feedback to the authors!
- Find the latest version of this in the HDC working group, the Digital Health and Interoperability Working Group: <https://www.healthdatacollaborative.org/how-we-work/digital-health-interoperability-working-group/>
- The latest version is also published in the MEASURE evaluation website in resource center.