



The BID Initiative Overview: Progress, Challenges & Opportunities

Better data, plus better decisions, will lead to better health outcomes.

The Better Immunization Data (BID) Initiative

Designing a replicable and holistic solution



Bringing together information system products, data management policies, and the practices of people that use them to be tested in a few countries and packaged to deploy at scale in many.

The Challenge

- There are strong challenges related to data quality around immunizations in Africa, yet few can identify which problems matter most and where.
- Lack of reliable, accessible, actionable data on the barriers impeding immunizations coupled with trained and empowered data users at all levels.

The Vision

- Empower countries to enhance immunization and overall health service delivery through improved data collection, quality, and use.

The Approach

- Partner with demonstration countries Tanzania and Zambia to:
 - Identify the most pressing routine immunization service delivery problems.
 - Develop, perfect, and scale solutions with the users on the ground throughout the health system.
 - Facilitate peer learning with other sub-Saharan African countries in design, testing, and applying interventions.

BID Video

<http://bidinitiative.org/bid-at-a-glance/>



The Problem



BID's Guiding Principles

Coordinated approach

Country ownership

Interoperability

Innovation

Sustainability

Openness

Strategic re-use

Research, monitoring, evaluation

Where we've come from



Country Consultation Meeting in Nairobi: October 2013



BETTER IMMUNIZATION DATA
INITIATIVE

The BID Learning Network

Country led, peer-to-peer learning exchanges to identify shared problems and shared solutions toward improving data collection, quality, and use.



Demo Countries

Process for identifying demo country partners:

- Country consultation meeting
- Preliminary desk review
- In-depth analysis of
 - Demographics
 - EPI data
 - eHealth infrastructure and others
- Country scoping visits
- In-depth visits to potential implementation sites identified the Arusha region of Tanzania and Southern Province of Zambia



Establishing User Advisory Groups

Working hand-in-hand with country governments and members at all levels of the health system to identify challenges and solutions.

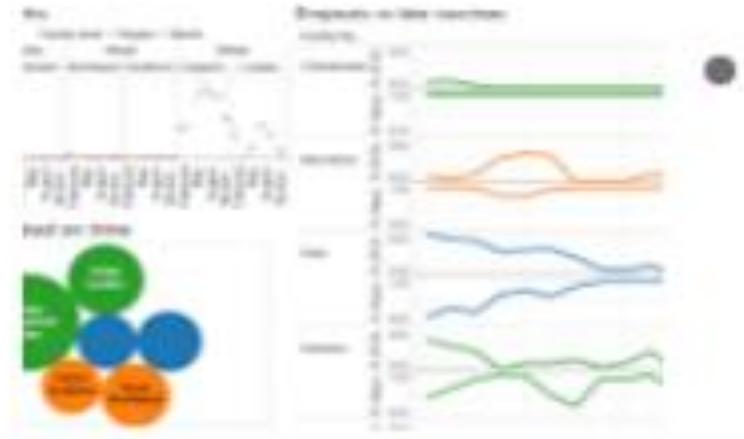


Identified Challenges

- Inaccurate or uncertain denominators for calculating immunization rates.
 - Difficulty identifying children who do not start immunization or who drop out (defaulter tracing).
 - Poor data visibility into supplies at the facility level to district-level data and stock.
 - Complex data collection forms and tools.
 - Insufficient supply chains and logistics.
 - Inadequate data management and use capacity at all levels of the health system.
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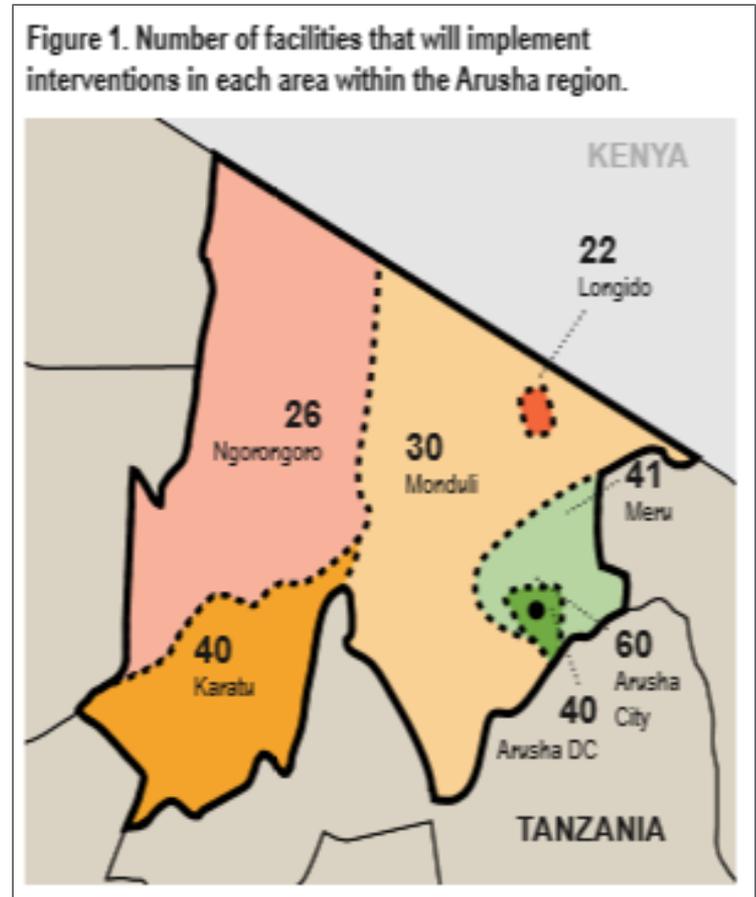
Proposed Interventions

- Electronic immunization registry.
- Automated, simplified report generation.
- Supply chain systems tools.
- Barcodes on child health cards and vaccine supplies.
- Targeted supportive supervision for health workers.
- Peer support networks.



Where we are today: Tanzania

- Wrapped up intervention design, testing and fine-tuning.
- Started intervention roll out in Arusha city covering 52 health facilities.
- After Arusha city the team will cover Arusha region and expand to all 253 health facilities.



Where we are today: Zambia

- Intervention design, testing and fine-tuning underway. Technical working group established.
- Wrapped up kickoff meeting with the University of Oslo to discuss user requirements for the first iteration of the electronic immunization registry.
- Rollout slated in the Southern Province in Q2 2016.





CHALLENGES

Challenges Throughout BID's Journey

- Getting alignment from all stakeholders on the BID Initiative's goals and approach.
 - Frequent staff and leadership changes throughout all levels from facilities to government.
 - On-the-job training for health workers is not the common strategy and not well-received in some of the facilities.
 - Existing data quality affecting key decisions on implementation. (Zambia)
 - Back entry of data taking longer than expected and challenges with quality of data. (Tanzania)
 - Aligning with other initiatives and projects to leverage each other's work.
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OPPORTUNITIES AND NEXT STEPS

What's next?

- Global community is focusing on data quality and data use and will align with those efforts.
 - Continued, iterative rollout in both demonstration countries. Incorporate user feedback along the way.
 - Develop total cost of ownership tool so countries understand resources associated with starting BID and sustaining it.
 - Actively seek additional resources to further scale BID.
 - Develop a packaging platform so other countries interested in improving immunization management can easily and cost effectively adopt BID solutions.
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Thank you. Questions?

