How to run an efficient and effective data use meeting for family planning programs and beyond
Comment diriger une rencontre efficiente et efficace sur l’utilisation des données à l’intention des programmes de planification familiale et au-delà

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DATA USE IN PRACTICE
Team

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Workshop Objectives

01 Describe key components of successful data use meetings and how data use meetings can be used to strengthen service delivery for FP, self-care

02 Identify the skills, knowledge, and competencies (i.e., role profiles) required for an effective data use team

03 Apply practical, hands-on strategies to run a data use meeting (including virtual meeting)
OVERVIEW OF THE IMPACT TEAM’S DATA USE APPROACH
Background

• Significant investments have been made in building & automating information systems (HMIS, LMIS)

• Data availability alone is not enough to strengthen service delivery or commodity availability

• Creating a "data culture" is key to improving program performance

Why is data availability not enough?
IMPACT data use teams are people who come together at different levels of the health system with a common goal, a structured approach agenda and tools reviewing data and taking action.
How do you design a data use team (IMPACT team)

Leadership is fundamental to the success of the teams and to their sustainability

Engagement

- Vision
- Goal
- Targets
- Role profile assessment
- Team formation

Design workshop

- Team effectiveness
- Recognition
- IT processes
- LMIS

Training and operationalization of the teams

Supporting the teams

Identify the team and level of implementation of your Data Use team
Poll

Question
Do you participate in data review meetings in coordination with your MOHs currently?
But who makes up the team?

And what are the knowledge, skills and competencies needed in each IMPACT data use team to creating meaningful change?
### Core Teams Members

<table>
<thead>
<tr>
<th>Role</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organizing Otto</td>
<td>He calls meetings, ensures logistics are in place, creates agenda and takes notes. People expect to hear from him about how work is delegated.</td>
</tr>
<tr>
<td>Peter Problem Solver</td>
<td>He is constantly questioning “but why” when it comes to challenges. He is good at thinking and steering the team towards actionable and practical next steps.</td>
</tr>
<tr>
<td>Data Wiz Diana</td>
<td>She understands the indicators and can interpret data for non-data people. She is familiar with SC data sources and can analyze raw data from a spreadsheet and graph trends.</td>
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<tr>
<td>Supply Chain Sam</td>
<td>He has a deep understanding of technical area e.g FP, SI, supply chain processes. When challenges are identified, he can critically analyze the system and suggest specific solutions.</td>
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### Enabling-Support Members: Leadership network

<table>
<thead>
<tr>
<th>Role</th>
<th>Description</th>
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<tbody>
<tr>
<td>Influencing Irene</td>
<td>She has strong relationships with and easy access to key decision makers and her input holds weight. When she suggests actions, it is taken seriously.</td>
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<tr>
<td>Resource Ritah</td>
<td>She influences the purse strings. She knows what money is available, how to advocate for it and how to present it in a way that can be approved.</td>
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<tr>
<td>Lucy Leader</td>
<td>She holds authority. Everyone knows that if she doesn’t endorse or support the meeting, it doesn’t happen as planned. She has a big picture view into activities to leverage to carry out solutions.</td>
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</tbody>
</table>
Teams self assess on key competencies

• To identify gaps
• Target learning opportunities
Poll

Question
Who would make up the DMPA SC SI Data Use Team in your country?
IMPACT Data Use teams in action

01 Analyzing performance
02 Problem solving
03 Prioritizing actions
Analyzing Performance

Desired Target
Easy to assess gap between actual and target performance

- Data mined from existing platforms (DHIS2, FP Dashboard, Vaccine stock management tool)
- Data analyzed and presented in action oriented dashboards
**Process of problem solving through root cause analysis**

**Root Cause Analysis** is a step by step process of assessing an obstacle, or a challenge to establish the main cause by digging deeper and probing further to understand why the problem exists or why there was a shortcoming or drawbacks.

Could be done through:
1. Brainstorming
2. Fish bone
3. 5 WHYs

“Problem-solving leaders have one thing in common: a faith that there’s always a better way.” – Gerald M. Weinberg.
Prioritizing actions

You are likely to have many challenges but you will need to prioritize:

- Cost of that alternative versus the value
- Urgency versus significance
- Benefits versus the implications

“Most of us spend too much time on what is urgent and not enough time on what is important.”
— Stephen R. Covey
WHERE IMPACT DATA USE TEAMS HAVE BEEN IMPLEMENTED AND RESULTS
IMPACT Data use teams were rolled out in 10 countries, across programs and health system levels with support from **JSI and InSupply Health**

<table>
<thead>
<tr>
<th>Country</th>
<th>Vaccines</th>
<th>FP/RH</th>
<th>TB</th>
<th>HIV</th>
<th>Malaria</th>
<th>MCH</th>
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<td>Ethiopia</td>
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<td>Guinea</td>
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<td>Indonesia</td>
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<td>Kenya</td>
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<td>Malawi</td>
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<td>Myanmar</td>
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<td>Nigeria</td>
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<td>Pakistan</td>
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<td>Rwanda</td>
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<tr>
<td>Tanzania</td>
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In Tanzania teams surface & address defaulter issue via data review, root cause and action planning

IMPACT Teams undertook the following process:

1. **DATA REVIEW**
2. **ISSUE IDENTIFIED:** Increased number of defaulters in the system in April, May and June
3. **ACTIONS PLANNING AFTER ROOT CAUSE:**
   - IMPACT Teams to conduct supportive supervision to train HCWs focused in data quality & use and Defaulter Tracing in July 2018
   - System developers to rectify bugs
   - Health facilities recharged with internet bundles on time
   - Health facilities track defaulters
4. **RESULTS:** Decreased number of defaulters in August

**Number of Defaulters**

<table>
<thead>
<tr>
<th>Month</th>
<th>Number</th>
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<tbody>
<tr>
<td>March</td>
<td>1093</td>
</tr>
<tr>
<td>April</td>
<td>3956</td>
</tr>
<tr>
<td>May</td>
<td>6044</td>
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<tr>
<td>June</td>
<td>5799</td>
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<tr>
<td>July</td>
<td>5943</td>
</tr>
<tr>
<td>August</td>
<td>4455</td>
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</table>
What is needed for IMPACT Data Use Team success?

**Deliberate Design**
Multi-disciplinary team with a common performance goal linked to existing structures

**Decision Support Tools**
Visualized data for easy to interpret format for effective decision making

**Structured Processes**
Empower the team with skills to analyse and use data for decision making and resource mobilization

**Institutionalization**
Incorporate the approach in existing structures and allocate enough resources

**Leaders and Champions**
Engaged leaders for guiding implementation and champions for sustaining momentum

**Consistency**
Regular meeting and consistent attendance

**InSupplyHealth**

MOCK DATA USE
TEAM MEETING

Instructions for transitioning to the language specific rooms for the mock meetings
Activity

Purpose
Put the Data use approach into practice

What will you need?
- Slides with data for review
- Agenda for Data use team meeting
- Action plan template
- Break out rooms

What will you do?
- Break out into groups
- Select note taker
- Review dummy data
- Identify priority problems

Reference Resources
- Problem solving resource
- Conduct root cause analysis
- Document action plan
- Present the action plan
Agenda for Data use team meeting

01 Review-data on the indicators of interest
02 Prioritization of problems and root cause analysis
03 Action planning
04 Recognition
Role play for Data Use meeting in Uganda

Roles for the mock meeting
- Organizing Otto
- Supply Chain Sam
- Data Wiz Diana
- Peter Problem Solver
- Influencing Irene
- Resource Ritah
- Lucy leader

Indicators for review
- Reporting rates
- Uptake of DMPA- IM, DMPA SC and DMPA-SI
- Stock out rates (above commodities)
- Training for self injection (HCW and community health workers)
- Context indicators on the status of introduction of DMPA-SC in the country
<table>
<thead>
<tr>
<th>Month</th>
<th>Reporting Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec-19</td>
<td>90%</td>
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<tr>
<td>Jan-20</td>
<td>60%</td>
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<tr>
<td>Feb-20</td>
<td>72%</td>
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<tr>
<td>Mar-20</td>
<td>84%</td>
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<tr>
<td>Apr-20</td>
<td>86%</td>
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<tr>
<td>May-20</td>
<td>71%</td>
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<tr>
<td>Jun-20</td>
<td>90%</td>
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<tr>
<td>Jul-20</td>
<td>93%</td>
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<tr>
<td>Aug-20</td>
<td>93%</td>
</tr>
<tr>
<td>Sep-20</td>
<td>97%</td>
</tr>
<tr>
<td>Oct-20</td>
<td>100%</td>
</tr>
<tr>
<td>Nov-20</td>
<td>100%</td>
</tr>
<tr>
<td>Dec-20</td>
<td>100%</td>
</tr>
</tbody>
</table>

On course: 100% Reporting rates maintained for the last Quarter

Ongoing:
Role play for data use meeting
Problem: Reduction in the DMPA-SC PA and SI uptake as well as the % of SI visits (Sept – Dec 2020)
Problem: Sites stocked out of DMPA-SC kept increasing from Aug – Dec 2020 (as at Dec 2020, 95% of sites were stocked out)
SI Training - Public

On course:
3501 Facility Based Health Care workers trained (100%)
2364 Community Health Workers Trained (118% of the target)

Ongoing:
Role play for data use meeting
## Context Indicators

### On course, for all the context indicators

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Jan 2020</th>
<th>Dec 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status of policy that authorizes self-injection of DMPA-SC</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of policy that authorizes CHWs to administer contraceptive injectables to users</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of policy that authorizes pharmacists to administer contraceptive injectables to users</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of policy that authorizes drug shop staff to administer contraceptive injectables to users</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of policy that authorizes CHWs to initiate self-injection</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of policy that authorizes pharmacists to initiate self-injection</td>
<td>✔️</td>
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<td>Status of policy that authorizes drug shop staff to initiate self-injection</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Status of integration in national health information system</td>
<td>✔️</td>
<td>✔️</td>
</tr>
</tbody>
</table>

**Ongoing:**
- Role play for data use meeting
Recap: Purpose of the Data Use Teams

1. Foster a **commitment to prioritizing program performance and product availability**
2. Promote **goal setting, performance monitoring, and recognition of good performance**
3. Promote the **use of data to assess performance against desired targets**
4. Improve **communication and collaboration** among team members
5. Build **local capacity and ownership**