



# Malawi

## *Data quality and use*

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## DQI Plan

- Malawi has not yet developed a DQIP plan
- DQR is planned in August 2019 with technical support from WHO-IST
- After DQR, the DQIP is expected to be completed by November 2019



## Objectives of Data quality and use

- Ensure that data generated health facilities are accurate.
- Ensure that appropriate tools are in place to support the collection, recording, analysis and reporting of data.
- Build capacity for health workers on data management and use for decision making.
- Improve timeliness and completeness of data at all levels.



## Key strategies for Data quality and use

- Capacity building in data quality and use
- Strengthen supportive supervision on data management.
- Availability of monitoring and reporting tools at health facility level.
- Enhance data review and harmonization meetings.
- Adoption of new technologies



## Resources for Data quality and use

- Government (EPI has a budget line with Ministry of Health)
- Gavi HSIS grant – (Centre for Monitoring and Evaluation is managing the funds)
- Implementing partners (WHO, UNICEF, SAVE THE CHILDREN, VILLAGE REACH)



## Accomplishments on Data quality & use

- Revision of all EPI program M&E tools to incorporate the new vaccines introduced-IPV,HPV & Malaria Vaccine.
- Trained health workers on the new tools.
- Health workers trained on data management across the country (during introduction of new vaccines).
- Conducted review meetings on routine immunization performance at zonal and district levels .
- Provided immunization monitoring tools to all health facilities for monitoring their immunization performance



## Accomplishments on Data quality & use

- Trained three Officers (HMIS, EPI Coordinator & Cold Chain Technician) at district level to enter EPI data in DHIS 2.
- Migrated from the excel based (DVDMT) to web based (DHIS2).
- Installed WHO immunization app with dashboards and data quality validation tools on DHIS 2,



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# Challenges

## Governance/policy

- Guidelines/ SOPs on data management at facility level are not available.
- Some EPI core indicators are not included in DHIS 2

## Administrative/logistical

- No functional computers for entering and analysing EPI data at all levels
- Poor network connectivity in some districts to access Dhis 2



# Challenges

## Technical

- Lack of skills in data analysis and use at zone and district levels
- Poor data documentation in health facilities.
- Irregular feedbacks on data quality and use to lower levels

## Resource

- The little resources available at national level for data quality and use does not trick down to district level.
- Shortage of human resource.
- No partner is specifically supporting improvement of immunization data.



## Lessons Learned in relation to data quality and use

- Engaging health facility based health workers in data review meetings improve the quality of data generated at facility level.
- Availability of updated monitoring charts at health facility level facilitates use of data and improve data quality.
- Using standardized templates for data analysis dramatically improve skills of health workers in data analysis and use.
- Regular supportive supervision and mentorship of health workers improve the data quality and use.



## Next steps

- Share quarterly EPI feedback once to lower levels.
- Increase supportive supervision on data documentation and management to health facility level
- Conduct data quality review develop DQIP
- Add all EPI indicators in DHIS 2
- Improve EPI data reporting rate in DHIS 2.
- Introduce the use electronic immunization registries by piloting in some health facilities in the country in collaboration with HISP-Malawi.



## Next steps

- Continue using DVDMT in parallel to DHIS 2
- Procure and distribute desk top computer for EPI data use.
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# Timeline

Objectives & activities		JULY 2019	AUGUST 2019	SEPT 2019	OCT 2019
<b>Objective 1. To ensure data generated from service delivery points are accurate and used</b>					
Activity 1	Conduct data quality review		X		
Activity 2	Pilot electronic immunization registers			X	
Activity 3	Produce and share quarterly feedbacks to all levels	X			X
Activity 4	Conduct supportive supervision to health facilities	X			X
<b>Objective 2: To ensure that appropriate tools are in place to support the collection, recording, analysis and reporting of data</b>					
Activity 1	Print and distribute health passports and under register	X			
Activity 2	Procure and distribute new computers for EPI staff at National, Zone and district	X	X		

# Timeline

Objectives & Activities		JULY 2019	AUGUST 2019	SEPT 2019	OCT 2019
<b>Objective 3. To ensure timeliness and completeness of data at all levels</b>					
<i>Activity 1</i>	Follow up missing EPI reports monthly	X	X	X	X
<i>Activity 2</i>	Develop mechanism of uploading DVDMT data into DHIS2			X	
<i>Activity 3</i>	All EPI Indicators added in DHIS2 by August 2019		X		



# End of Presentation

THANK YOU FOR YOUR ATTENTION