

Status of Routine Information Systems (Health, Education, Nutrition, other sectors): Malawi

24–27 October 2023
Kigali, Rwanda



CURRENT STATUS AND CONTEXT OF NATIONAL NUTRITION INFORMATION SYSTEM

There were multiple information systems- RONDOMS, NURTS, DHIS2, RAPID SMS, SUN MIS (excel based), CMAM DATABASE (MS access based) used for collecting nutrition data from the health facilities and community.

Malawi NNIS

Nutrition Data Sources

Surveys (DHS, MICS, IHS, WMS, Baseline, LQAS, fortification)

DHIS2 & RAPID PRO

NNIS

Early Warning Systems (SMART, MVAC, IPC)

Nutrition Resource Tracking System

National Nutrition Information System(NNIS) version 2.0

Sign in

Username

Password

Login using two factor authentication

Sign in

For technical support please contact

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Data Entry in NNIS

3. Selecting the data entry form

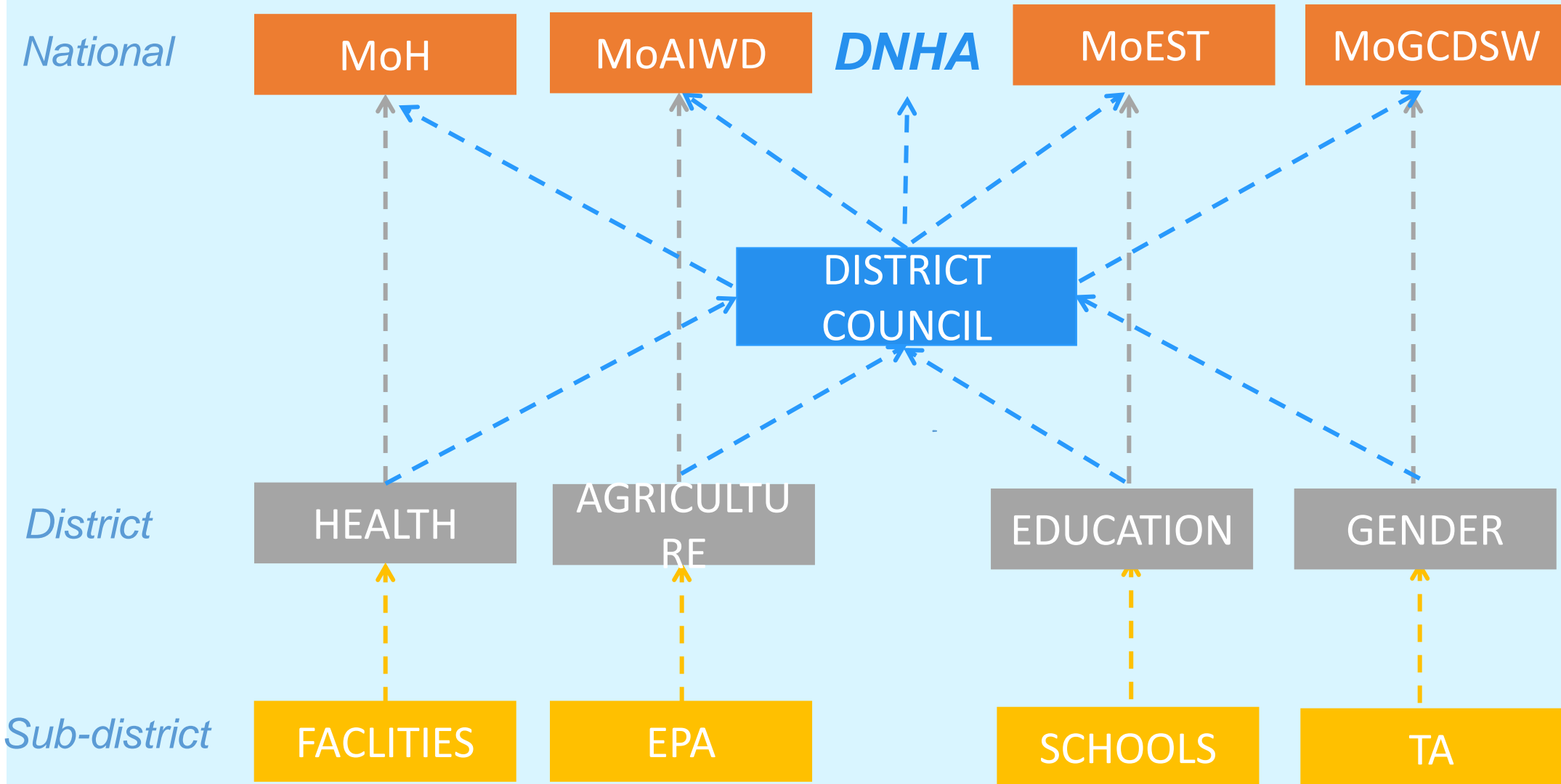
i. Locate organization unit

The screenshot shows the Malawi NNIS Data Entry interface. On the left, a tree view displays the organization structure. The 'Balaka' organization is expanded, showing its sub-units: Balaka-DHO, TA Amidu, TA Chanthunya, TA Kachenga, TA Kalembo, TA Matola, TA Nkaya, TA Nsamala, TA Phalula, TA Sawali, and TA Toleza. A red box highlights this list, and a yellow arrow points to the search icon above it. On the right, the 'Data Entry' form is visible, with the 'Organisation Unit' field set to 'Balaka'. The 'Data Set' field is a dropdown menu currently showing '[Select data set]'. The 'Period' field is also a dropdown menu with 'Prev year' and 'Next year' buttons.

This screenshot shows the same Malawi NNIS Data Entry interface, but with the 'Data Set' dropdown menu open. The dropdown list contains the following options: '[Select data set]', 'District Multi-sector nutrition reporting form-Monthly', 'District Nutrition Coordination Committee Progress Report - Quarterly', and 'District Nutrition Key Indicators Report - Annual'. A red box highlights the dropdown menu and its options.

ii. Select a dataset from the drop down

Reporting of the Nutrition Data



Driving force for Multi-Sector Nutrition Information System

- The FIVE ONES PRINCIPLE (Policy, Strategy, M&E framework, Coordinating office, SBC)
- To address multiple and scattered information systems under one single application
- To provide simplified analytical and reporting system at district and national level to strengthen planning and evidence-based decision making.
- To provide real time data for decision making
- To create a HOME for nutrition data

Products of Nutrition Data

DASHBOARDS

WEBSITES

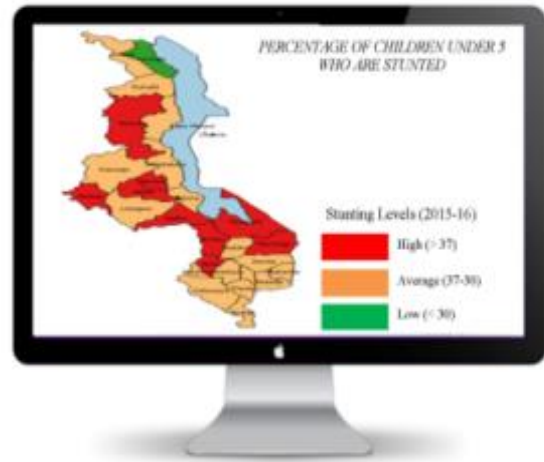
WEBAPP

BULLETIN

REPORTS

www.dnha.gov.mw
<http://41.87.6.124/dhis/>

NNIS Dashboard




DEPARTMENT OF NUTRITION, HIV/AIDS
NATIONAL MULTI-SECTOR NUTRITION INFORMATION SYSTEM

LOGIN

Username

Password

Sign in

About

Features

Helpdesk



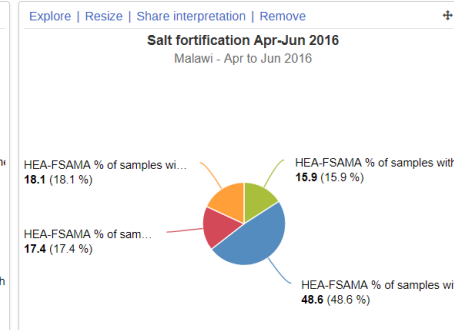
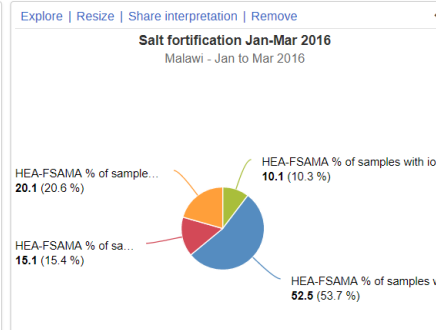
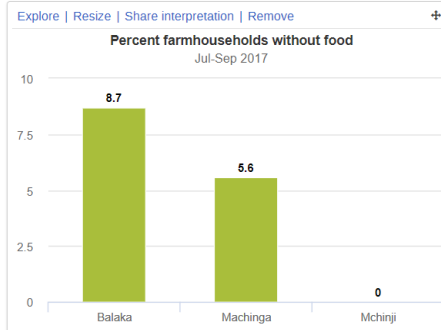
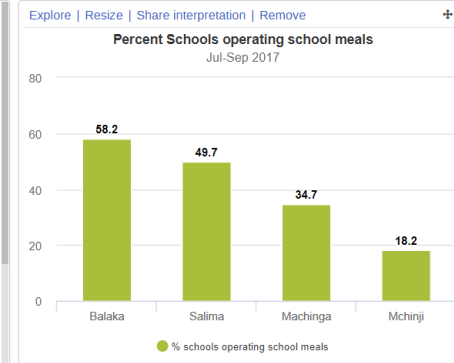
National Multi-sector Nutrition Information System Search apps

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<
>
AGRICULTURE
EDUCATION
HEALTH
MULTI-SECTOR DASHBOARD
NATIONAL
SOCIAL WELFARE

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DNCC QUARTERLY PROGRESS REPORT MALAWI (JUL-SEP 2017)

	Jul to Sep 2017			
	Dedza	Machinga	Mchinji	Balaka
DC-DNCC # of DNCC meetings conducted during the last quarter	2	2	1	2
DC-DNCC # of sectors participated during the last DNCC meeting	14	7	8	15
DC-DNCC # of sectors reporting on data to DNCC	7	4	8	7
DC-DNCC # total NGOs	11	14	2	9
DC-DNCC # NGOs reported	2	6	2	4
DC-DNCC # total members in the DNCC	25	20	18	36
DC-DNCC # of DNCC members participated during the last DNCC meeting	14	19	12	22
DC-DNCC # of nutrition meetings conducted with DEC	1	1	1	0
DC-DNCC # of nutrition advocacy/communication/ mobilization meetings conducted at TA level	1	9	4	0
DC-DNCC is the DNCC having joint work plan?	1	1	1	1
DC-DNCC is the DNCC having updated district nutrition stakeholder mapping?	0	1	0	1
DC-DNCC is the District Council allocated budget for nutrition activities?	1	1	0	0



Nutrition Dashboard and Website



DEPARTMENT OF NUTRITION, HIV AND AIDS

HOME

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NUTRITION ▾

RESOURCES



SCALING UP NUTRITION

On 15 March 2011, the Republic of Malawi joined the SUN Movement with a letter of commitment from the Permanent Secretary. At the time, Malawi had established a National Nutrition Committee, chaired by the Secretary for Nutrition, HIV and AIDS in the Office of the President. The main function was to mobilise resources and support the implementation of interventions in line with the country's Food and Nutrition Security Policy (2005) and the National Nutrition Policy and Strategic Plan (2007 - 2015). Malawi was also focused on community-based action, with the 1,000 Special days National Nutrition Education and Communication Strategy (NECS), prioritised for the period 2012 - 2017 to reduce stunting through behaviour change and awareness raising.



SUN PROGRESS 2016

Bringing people together into a shared space for action



81%

Ensuring a coherent policy and legal framework



87%

Aligning actions around a Common Results Framework



75%

Financial tracking and resource mobilisation



59%

SUN PROGRESS 2017

Bringing people together into a shared space for action



85%

Ensuring a coherent policy and legal framework



79%

Aligning actions around a Common Results Framework



75%

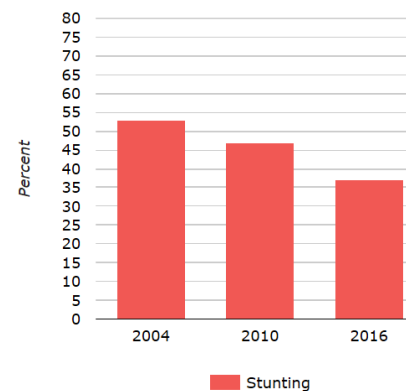
Financial tracking and resource mobilisation



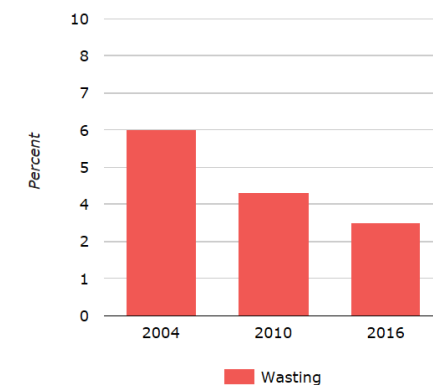
69%

NUTRITION SITUATION IN MALAWI

Trend in Stunting prevalence among children under 5



Trend in wasting prevalence among children under 5



How is the data collected used?

Policy

Advocacy

Planning

Feedback




Programming

Resource Mobilization

Key Success facilitators

- Availability of multi-sector Nutrition M and E framework
- Able to monitoring overall nutrition programme performance and coverage
- Identification of high burden areas of malnutrition
- Creation and institutionalization of a coordinating office with clear mandate
- Harmonization of data collection tools and capacity building of nutrition teams key in data quality & utilization
- Placement of 4 nutritionists in districts and 5 nutrition officers in each Ministry strengthened the enabling environment

Key Success facilitators... Reviewed indicators

TOOLS	2016	From 2017 to date
 M&E FRAMEWORK	<i>117 Indicators</i>	<i>60 Indicators</i>
 REPORTING FORMS	<i>Too many data items</i>	<i>Only essential data items</i>
 INFORMATION SYSTEM	<i>Multiple information systems for nutrition</i>	<i>A single multi-sector nutrition information system</i>

Key challenges with routine information systems

- Web based NNIS requires use of tablets for simplified data collection and uploading
 - Currently it is paper based reporting from community to District to input into NNIS
 - Process leads to delays in reporting and compromised quality of data
- Requires continuous capacity building every time the system upgraded
- Inadequate capacity (M and E officers) at the district level to manage the system
 - Now training all the 4 nutritionists to support the M and E officer
- Limited resources to maintain the subscription for website (Donor dependent)
 - Now Government to allocate resources for sustainability

Efforts to strengthen routine information system to measure progress in ECD

- At nutrition programme delivery level:
 - ECD interventions have been incorporated at all service delivery platforms (Community care groups, antenatal, GMP, NRUs etc)
 - Reviewing indicators to include ECD in the NNIS for routine tracking
 - Review indicators in the NNIS to incorporate the some ECD indicators w following the review of the Nutrition Policy and Strategy
- Periodic capacity building of frontline workers in data collection and reporting
- Placement of nutrition front line workers to support in data collection

What can be done moving forward

- Migrate from paper based to use of tablets for timely reporting and reduce workload
- Simplification data capturing tools and interpretation for use at community level
- Government and Development partners to join hands in financing NNIS for sustainability
 - UNICEF is supporting review of the NNIS to include high frequency ECD indicators

Conclusion

- Robust Information System lead by government is possible if adequate technical and financial support is provided in a sustainable way.
 - Emerging issues must build in the existing systems rather than creating a parallel system to fit specific partner interest.

Thank you

