



NiPN
National Information
Platforms for Nutrition



Data Landscape exercise

Global Support Facility

Webinar, January 16th, 2019



WELCOME

RULES

- Turn OFF your mic & camera
- Ask questions by text message
- The webinar is recorded

PLAN

1. Objectives
2. The use of a data landscape exercise
3. The preparation of a data landscape report
4. Challenges and solutions

1. Objectives of the data landscape

The main objective for conducting a data landscape exercise is to provide an **overview of the availability, accessibility and quality of indicators** of interest to the NIPN

Definitions

2. The use of a data landscape exercise

The data landscape exercise can be used...

A- ..to establish which data are available, accessible and of sufficient quality to respond to a relevant nutrition policy question

- The Data Landscape is one of the **first activities** of a NIPN
- The Data Landscape provides an **initial picture** of the feasibility to respond to a policy question
- **Further investigations** will most probably be needed

The data landscape exercise can be used...

B- ...to initiate a process to progressively have a more and more detailed picture of the information available

The data landscape exercise can be used...

C- ...to provide inputs for the NIPN data management strategy

The data landscape exercise can be used...

D- ...to provide actionable recommendations to improve the nutrition information system

3. The Preparation of a data landscape report

Description of the National Statistical System

Institutions & mandates
Current organisation & legislation
Key priorities & bottlenecks

Data Providers mapping

Institutions & their capacity & the information systems they manage

Information Systems

How the data is collected?
Indicators collected?
Accessibility?
Use of the information?

Indicator Matrix

List of indicators available.
Dataset where the indicator can be found.
Years of data collection.
...

Recommendations

For improving the nutrition information
For designing the NIPN repository

The way forward

How to update the data landscape ?
How to complete the information ?



4. Challenges

Challenge #1 Manage the scope of the data landscape exercise

Challenge #2 Access to raw data sets

Challenge #3 Harmonisation of indicators

Challenge #4 Cost, time needed

Challenge #1 Manage the scope of the data landscape exercise

- Build on what exists (National Strategy on statistics, SUN, Dure...)
- We recommend to focus on the **central level**
- Don't forget data on **finance** and **coverage of interventions**

Option 1

Exclude indicator matrix

Limit the exercise to the level of the information systems & description of datasets

Option 2

Include indicator matrix

Challenge #1 Manage the scope of the data landscape exercise

Option 1

Exclude indicator matrix

Limit the exercise to the level of the information systems & description of datasets

- Limit the range of datasets to investigate by selecting key data providers (ex: key sectors involved in the MPAN)
- Decide on the level of detail of the information to collect for each dataset

Challenge #1 Manage the scope of the data landscape exercise

Option 2

Include indicator matrix

- Limit the range of indicators to investigate by
 - selecting key data providers (ex: key sectors involved in the MPAN)
 - Refer to key indicators
 - Adapt list of indicators from the SUN MEAL system
- Decide on the level of detail of the information to collect for each indicator

Challenge #2 Access to raw data sets can be problematic

- The data landscape exercise should
 - Investigate the formal process to obtain official permission to access the data
 - Interview external users on their experience in accessing the data
 - Make an attempt to effectively access the data
- Field experiences:
 - Develop relationships with data providers is key
 - Involve data providers in the NIPN
 - Ex of NADA and organisation of workshops



Challenge #3 Harmonisation of indicators

- Ex:
 - Definition of indicator that change with time
 - Same indicator not having the same definition in 2 datasets
 - Same indicator but sampling method is different
- The question of harmonisation of indicators is addressed at the data analysis stage. However, when conducting a data landscape exercise, it is important to include information, such as indicator definitions, routine vs survey data, geographic scope, in the indicators matrix to identify challenges ahead.

Challenge #4 Cost, time needed

- Cost and time will **vary from country to country** depending on the scope and objectives of the exercise
- Need to account for **2-3 face to face** meetings with each data provider
- Can be done with NIPN teams (ex Burkina Faso, 2 months) or through external consultant (ex Ivory Coast, Niger)
- In all cases, **Terms of Reference** have to be elaborated

TIME FOR QUESTIONS

Key message

The data landscape is a **continuous exercise** to get a more and more detailed picture of the nutrition information available

What's NEXT ?

- If you have finalised your data landscape exercise, **share** your experience
- The guidance notes will be uploaded on **NIPN website** that includes:
 - Example of a Data provider mapping
 - Example of an Indicator matrix
 - Interview of Niger NIPN team
- Don't hesitate to **connect with GSF** if you have requests / need support



- Example of a Data provider mapping

Stakeholder	Information System managed	Capacity	Contact
Ministry of Health	HMIS (DHIS-2) (hyper link)	Lacks capacity for nutrition related data analysis. IT-specific staff available. Fully equipped	Name & position & contact
National Statistic Office	NADA repository; DEVINFO socio-economic indicators platform ; Nutrition Surveys ;	There is lack of capacity for nutrition related data analysis, particularly for food consumption analysis. IT-specific staff available. Fully equipped	Name & position & contact



- Example of an Indicator Matrix

Definition	Data Collection Method	Name of the Database	Frequency of Data Collection	Years/Month when data was collected	Frequency of reporting	Data Quality Control Mechanism	Data Quality Appreciation	Geographic level of disaggregation	Organisation in charge of data collection	Country
Under-5 stunting	Survey	NNS	year	2017 - Sept ; 2016	per survey	SMART Data (Score available)		Region	NSO	NE
Under-5 stunting	Survey	DHS	3-5 years	2015 - Jan ; 2010	per survey	DHS Dat Qual -		National for surv	NSO	NE
Proportion of children										
Proportion of children										
Proportion of 6-14 year olds										
Proportion of malnourished children										
% of the demand for										
Budget percentage	NA	Annual Budget	year	2017 Dec	year					

