Data management: Work on establishing a multi-sectorial database of quality indicators

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14 May 2019
1. Objectives of a multi-sectoral information system on nutrition

2. Minimum expected characteristics of the database of multi-sectoral indicators

3. NIPN Methodology

4. Analysis of routine indicators database

5. Ideal characteristics and needs

6. Constraints and precautions

7. Evaluation and next steps envisaged
1. OBJECTIVES OF AN INFORMATION SYSTEM FOR NUTRITION

OBJECTIVES

MAIN OBJECTIVE: To be placed at the intersection between the sectors

To provide general trends

To provide evaluation and detailed analysis

Multi-sectoriality
Ease of access to information
Clear and fast information
To better inform, guide and plan
Sharing and accountability
To improve understanding and help respond to the issues and challenges of nutrition
1. OBJECTIVES OF AN INFORMATION SYSTEM FOR NUTRITION

**NIGER INFO**
- Centralizes nutrition indicators
- To provide general trends

**DATABASE (ANADO)**
- Centralizes databases for surveys and sectors
- To provide evaluation and detailed analysis

**WORK SPACE**
- Centralizes databases in the process of cleansing and anonymization
- To boost abilities, skills and synergies
2. MINIMUM EXPECTED CHARACTERISTICS OF THE DATABASE OF SECTOR INDICATORS

To be accompanied by metadata

23 fields

1. Indicator name
2. Definition
3. Unit of measurement
4. Data required for calculation
5. Calculation method
6. Collection method
7. Survey name/Method name
8. Collection frequency
9. Reporting frequency
10. Level of breakdown (National, Regional, Departmental, Districts, Integrated health center, Communes, Villages)
11. Production source (Production structure)
12. Service/department responsible for production
13. Analysis / processing / distribution service
14. Monitoring by HCI3N
15. Main user structure(s)
16. Links with policies and strategies
18. Comments/Limits
19. Relevance and completeness
20. Accessibility and Clarity
21. Currentness and timeliness
22. International comparability
23. Coherence

5. Quality criteria
2. MINIMUM EXPECTED CHARACTERISTICS OF THE DATABASE OF SECTOR INDICATORS

- **Pertinence et complétude**
  - Bilan des besoins d’informations dans le domaine de la nutrition et les différents champs de la base sont renseignés et disponibles

- **Exactitude et Fiabilité**
  - Critère de qualité sur l’harmonisation et validation des données nationales pris en compte au départ (travail d’évaluation à la source)

- **Comparabilité Internationale**
  - Adaptation aux normes internationales

- **Accessibilité et Clarté**
  - Les données nécessaires à l’élaboration de l’indicateur sont disponibles et compréhensibles

- **Actualité et Ponctualité**
  - Le décalage entre collecte et diffusion est raisonnable et / ou respecté (calendrier officiel par exemple)

- **Qualité des indicateurs PNIN**

- **Cohérence**
  - Les indicateurs sont produits à partir d’une source unique ou de sources différentes ayant les mêmes méthodologies et concepts

Respect quality criteria
3. NIPN/NIGER Methodology

- Lack of time
- Methodology not ideal

1. [Diagram]
2. [Diagram]
3. [Diagram]
4. Analysis of routine indicators database

Number of NIPN Niger indicators

- Total: 336 indicators
- Business and Industry: 5 indicators
- INS/Agriculture: 10 indicators
- Education: 24 indicators
- Early Warning System (EWS): 0 indicators
- Livestock breeding: 41 indicators
- Hydraulics and Sanitation: 4 indicators
- Health: 74 indicators
- Environment: 13 indicators
- Agriculture: 10 indicators

Legend:
- Blue: Number of indicators complying with quality criteria of relevance and completeness, accessibility and clarity, coherence
- Light green: Number of indicators complying with all quality criteria
- Yellow: Number of consolidated indicators (national and international)
5. Ideal characteristics and needs

- Use of existing tools
- Low cost
- Accessibility
- Regular updates
- Sustainability
6. CONSTRAINTS AND PRECAUTIONS

• Define **the scope of the information system on Nutrition**

  Create a consensus in order not to encroach on the other IS

• Gain **clarity regarding circulation and transmission mechanisms for information on Nutrition**

  Who does What, When and How?

• Empower each stakeholder and those involved in the Information System

• **Ensure quality of information**

  Plan to boost the capabilities of Sector DS and to provide continued support in improving data
### Next Steps for Nutrition Info

- Revise the number of indicators and select the indicators that are most closely linked to nutrition
- Create data sheets for each indicator
- Validate the data sheets with the sectors
- Recover the series of values for each indicator
- Deploy the Nutrition Info tool on the NIPN/Niger portal

### Databases

**11 SMART databases and additions to the other databases**

### Next Steps for Databases

*Harmonization, cleansing, anonymization of other databases throughout the project*
Thank you for listening