

Tracking Nutrition Investments: A guidance note for the national government agencies in the Philippines

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Presentation Outline

1. Rationale, current landscape, and value
2. Methodology in crafting the typology
3. Proposed NBT Framework and Typology
4. Sample Use Case
5. Proposed Budget Tagging Process
6. Limitations and Recommendations

Rationale

- Adequate and efficient public spending is **critical** in addressing malnutrition
 - **Currently, there is no institutionalized system in place**
- **Systematic and efficient tracking system** is needed to obtain regular reliable **data on nutrition spending**
 - **Prioritization and allocation of resources**
 - **Promotion of transparency and accountability**



TO PRIORITIZE AND
ALLOCATE LIMITED
RESOURCES



TO PROMOTE
TRANSPARENCY AND
ACCOUNTABILITY

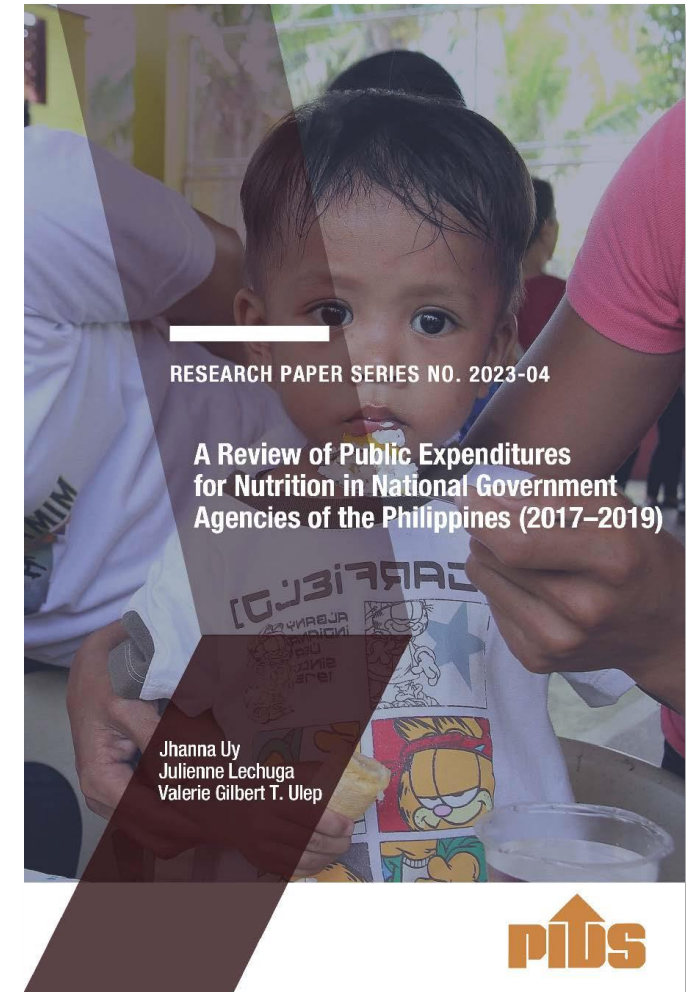


TO ASSESS WHETHER
RESOURCES ARE BEING
TRANSLATED INTO DESIRED
NUTRITION OUTCOMES



Current landscape of nutrition expenditure review in the Philippines

- The current public financial system **does not allow a systematic and easy way to track** nutrition expenditures both in the **local and national level**
 - Post-hoc secondary analyses are being done on previously conducted expenditure reviews (Uy and Lechuga 2023)
 - Government agencies have limited knowledge on their programs' relevance to nutrition, accountability concerns



NBT in the Philippines: Value

- Track nutrition investments as aligned with the **Philippine Plan of Action for Nutrition (PPAN)** and **Universal Health Care** reforms:
 - Track multi-sectoral nutrition investments promoting accountability
 - Track nutrition investments across the life stages
- Routine nutrition spending data for public health actions

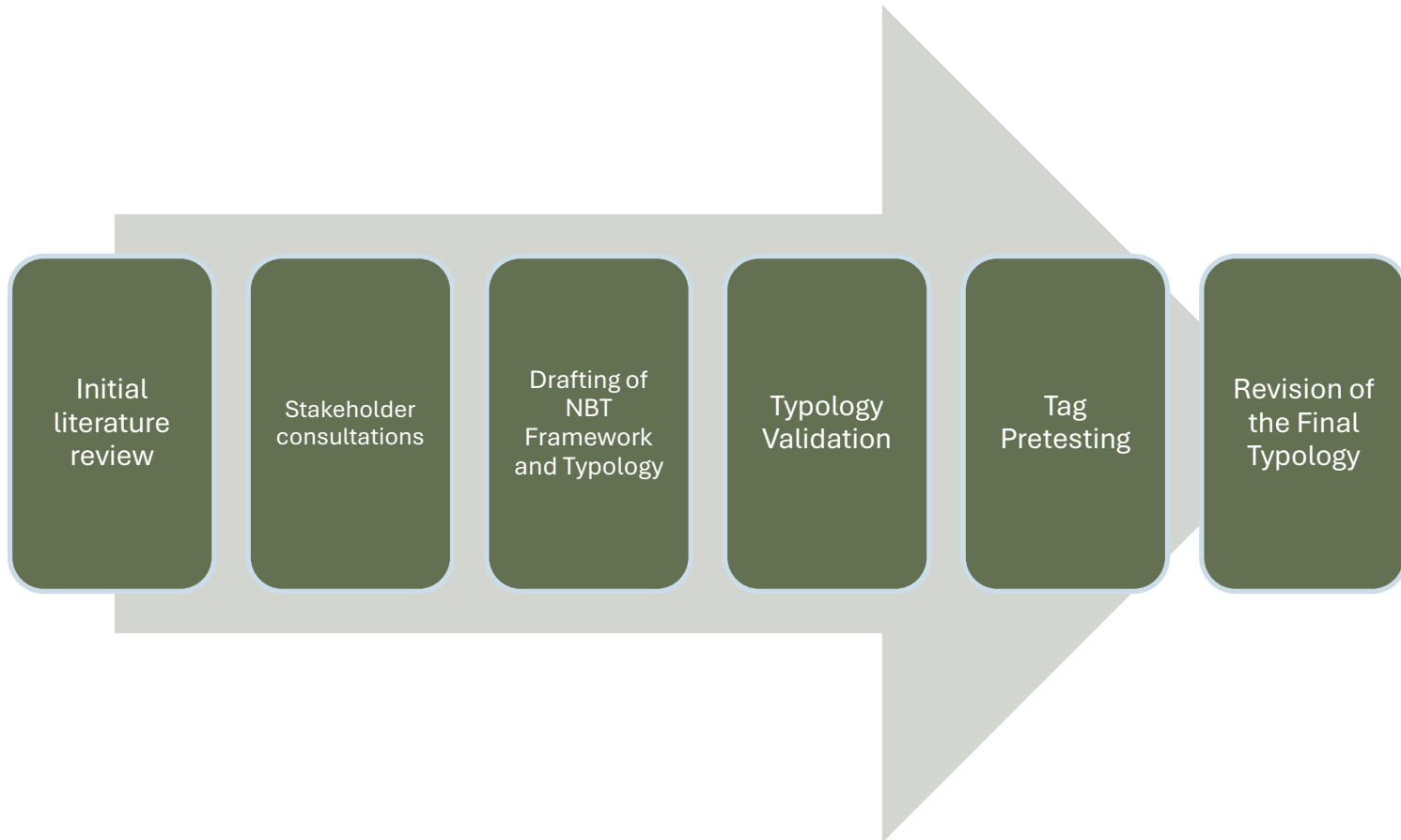


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Methodology

Crafting the NBT Framework and Typology

METHODOLOGY IN CRAFTING THE TYPOLOGY



Validation with agencies:

1. National Nutrition Council (NNC)
2. Food and Nutrition Research Institute – Department of Science and Technology (FNRI-DOST)
3. Department of Health – Disease Prevention and Control Bureau (DOH-DPCB)
4. Department of Social Welfare and Development (DSWD)
5. Commission on Population and Development (PopCom)
6. Council for the Welfare of Children

Major government agencies' role and programs

Agency	Brief description of mandate	Sample programs/roles
National Nutrition Council (NNC)	Highest policymaking and coordinating body on nutrition	Food and nutrition policy development, national plan of action for nutrition development, coordinate with other sectors in the implementation of PPAN
Food and Nutrition Research Institute (FNRI)	Undertake research studies on food and nutrition, recommend policy actions, and transfer knowledge	National nutrition survey, food research projects, nutritional standards development
Philippine Health Insurance Corporation (PHIC)	Provide health insurance coverage and ensure affordable, acceptable, available and accessible health care services	National Health Insurance Program
Department of Health (DOH)	Provide national policy direction and develop national plans, technical standards and guidelines on health	Health standards and policy development, select service delivery programs, and assistance to regions (NIP, HFEP, HRH)
Department of Social Welfare and Development (DSWD)	Develop, implement and coordinate social protection and poverty-reduction solutions for and with the poor, vulnerable and disadvantaged	Social protection program (incl. conditional cash transfers), livelihood programs
Department of Agriculture (DA)	Promotion of agricultural development by providing the policy framework, public investments, and support services needed	Food security and agricultural development programs and policies
Department of Education (DepEd)	Formulate, implement, and coordinate policies, plans, programs and projects in the areas of formal and non-formal basic education (primary and secondary).	Basic education, school-based feeding programs

The Nutrition Budget Tagging Typology Framework

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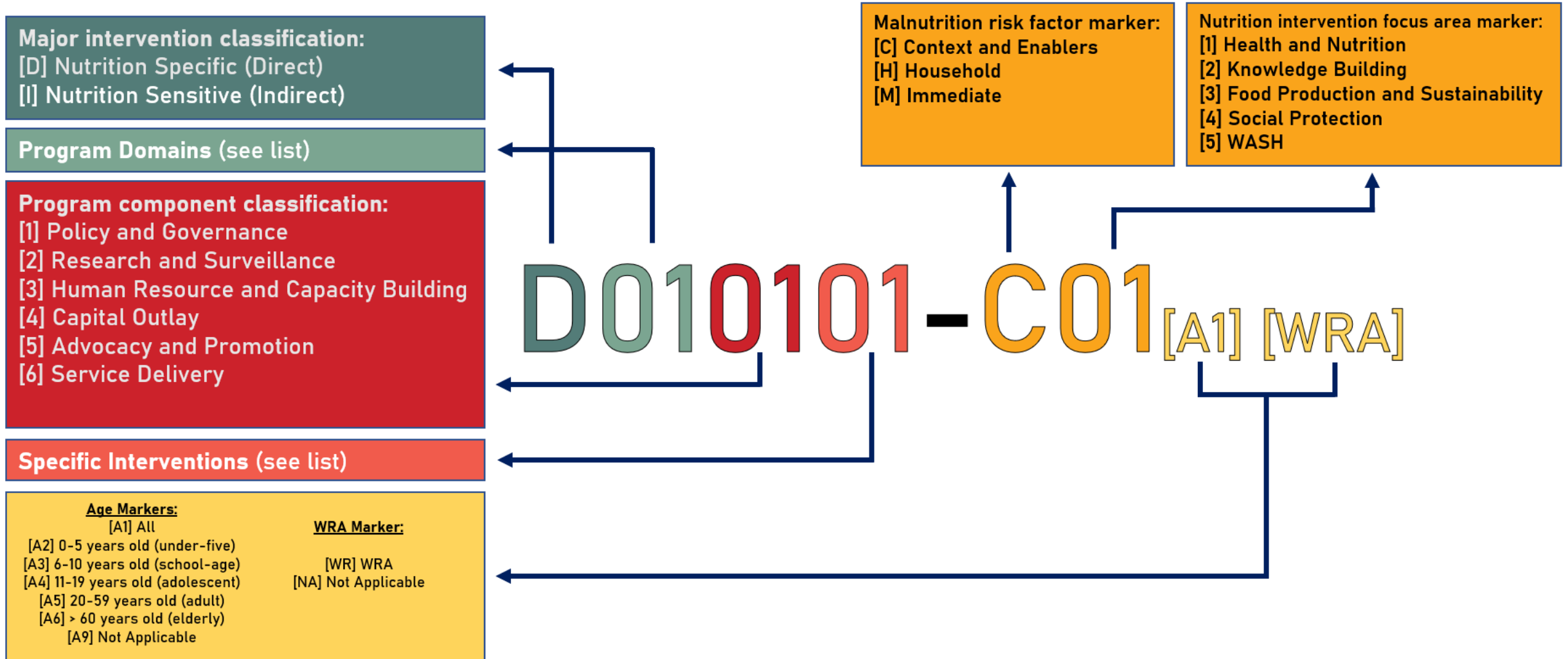
The Nutrition Budget Tagging Typology Framework

- *Major intervention classification*
- *Program domains*
- *Program component classification*
- *Specific interventions*
- *Other markers:*

- *Determinants or risk factors of malnutrition marker*
- *Nutrition intervention focus area marker*
- *Population demographic group marker (Age-group and WRA)*

[D] NUTRITION SPECIFIC (Direct)	[I] NUTRITION SENSITIVE (Indirect)
<ol style="list-style-type: none"> 1. Micronutrient supplementation 2. Infant and Young Child Feeding 3. Integrated Management of Acute Malnutrition 4. Supplementary feeding 5. Mandatory food fortification 6. Nutrition in emergencies 7. Overweight/Obesity Management and Prevention 8. Nutrition Promotion for Behavior Change 	<ol style="list-style-type: none"> 1. Maternal and Neonatal Health 2. Adolescent Health and Development 3. Disease prevention and management 4. Oral health 5. Access to health care services 6. Family planning, reproductive health, and responsible parenting 7. WASH 8. Early Childhood Care and Development 9. Agriculture and Food Systems 10. Gender Empowerment 11. Social safety nets 12. Humanitarian Relief and Emergency Fund 13. Universal education 14. Overarching nutrition policy, monitoring, and evaluation strategies
[1] Policy and Governance [2] Research and Surveillance [3] Human Resource and Capacity Building	[4] Capital Outlay [5] Advocacy and Promotion [6] Service Delivery
SPECIFIC INTERVENTIONS (see full list)	
[C] Context and Enablers [H] Household [M] Immediate	[1] Health and Nutrition [2] Knowledge Building [3] Food Production and Sustainability [4] Social Protection [5] WASH
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="text-align: center;">Age Markers:</p> <p>[A1] All</p> <p>[A2] 0-5 years old (under-five)</p> <p>[A3] 6-10 years old (school-age)</p> <p>[A4] 11-19 years old (adolescent)</p> <p>[A5] 20-59 years old (adult)</p> <p>[A6] > 60 years old (elderly)</p> <p>[A9] Not Applicable</p> </div> <div style="width: 35%;"> <p style="text-align: center;">WRA Marker:</p> <p>[WR] WRA</p> <p>[NA] Not Applicable</p> </div> </div>	

The Nutrition Budget Tagging Typology Coding Diagram



Major intervention level:	Nutrition Specific (Direct)	
Program Domain:	Malnutrition risk factor marker	Nutrition intervention focus area marker
	Specific Intervention	
[P] Policy and Governance		
D010101-C01. Policies, legislation, program, and national guideline development	Context and Enablers	Health and Nutrition
D010102-C01. Coordination, regulation, monitoring, and evaluation activities	Context and Enablers	Health and Nutrition
D010103-C01. Resource mobilization activities	Context and Enablers	Health and Nutrition
[R] Research and Surveillance		
D010201-C02. Nutrition surveys and surveillance systems	Context and Enablers	Knowledge Building
D010202-C02. Food research and development	Context and Enablers	Knowledge Building
D010203-C02. Health systems research	Context and Enablers	Knowledge Building
D010204-C02. Clinical research studies	Context and Enablers	Knowledge Building
D010205-C02. Research dissemination activities	Context and Enablers	Knowledge Building
D010206-C02. Other research activities	Context and Enablers	Knowledge Building
[HR] Human Resource and Capacity Building		
D010301-C01. Salaries and benefits of personnel	Context and Enablers	Health and Nutrition
D010302-C01. Salaries, allowances, honoraria, for non-permanent personnel and volunteers	Context and Enablers	Health and Nutrition
D010303-C01. Learning and development interventions for service providers	Context and Enablers	Health and Nutrition
[CO] Capital Outlay		
D010401-C01. Construction, Repair, and Maintenance	Context and Enablers	Health and Nutrition
D010402-C01. Machinery, and equipment, furniture, and fixtures	Context and Enablers	Health and Nutrition
D010403-C01. Site purchase and development	Context and Enablers	Health and Nutrition
D010404-C01. Accreditation and licensing of facilities	Context and Enablers	Health and Nutrition
D010405-C01. Information Technology (IT) Systems	Context and Enablers	Health and Nutrition
D010406-C01. General Capital Outlay	Context and Enablers	Health and Nutrition
[A] Advocacy and Promotion		
D010501-C02. Development of IEC Materials	Context and Enablers	Knowledge Building
D010502-C02. Advocacy and communication activities	Context and Enablers	Knowledge Building
D010503-C02. Development of national health promotion and communication plans	Context and Enablers	Knowledge Building
[SD] Service Delivery		
D010601-M01. Procurement and distribution of supplies of iron-folic acid for pregnant	Immediate	Health and Nutrition
D010602-M01. Procurement and distribution of iodized oil capsules for pregnant and	Immediate	Health and Nutrition
D010603-M01. Procurement of Iron drops	Immediate	Health and Nutrition
D010604-M01. Procurement and distribution of iron-folic acid tablets for adolescent	Immediate	Health and Nutrition
D010605-M01. Procurement and distribution of vitamin A capsules	Immediate	Health and Nutrition
D010606-M01. Procurement and distribution of micronutrient powder	Immediate	Health and Nutrition
D010607-M01. Procurement and distribution of Zinc	Immediate	Health and Nutrition
D010608-M01. Procurement and distribution of calcium carbonate	Immediate	Health and Nutrition
D010609-M01. Procurement and distribution of other vitamins and minerals for	Immediate	Health and Nutrition

Weighting criteria

- Estimation of the **proportionate amount** of a nutrition expense that can be attributed to nutrition outcomes (Fracassi et al., 2017; UNICEF, 2021).
- **Quadruple system** (100, 75, 50, 25%) according to SUN (Fracassi et al. 2017)
- Nutrition specific = 100%
- Nutrition sensitive (see table)

Table 4. Weights of the Nutrition Budget Tagging Expenditure per Program Domain

Program Domain	Weight, (%)
<i>Nutrition specific</i>	
1. Micronutrient supplementation	100
2. Infant and Young Child Feeding	100
3. Integrated Management of Acute Malnutrition	100
4. Supplementary feeding	100
5. Mandatory food fortification	100
6. Nutrition in emergencies	100
7. Overweight/Obesity Management and Prevention	100
8. Nutrition Promotion for Behavior Change	100
<i>Nutrition sensitive</i>	
1. Maternal and Neonatal Health	50
2. Adolescent Health and Development	25
3. Disease prevention and management <i>Expanded Program on Immunization (EPI)</i>	75
4. Oral health	25
5. Access to health care services	25
6. Family planning, reproductive health, and responsible parenting	75
7. WASH	25
8. Early Childhood Care and Development	25
9. Agriculture and Food Systems	50
10. Gender Empowerment	25
11. Social safety nets	25
12. Humanitarian Relief and Emergency Fund	25
13. Universal education	50
14. Overarching nutrition policy, monitoring, and evaluation strategies	25

Source: Authors' calculation based on SUN Budget Analysis Guidance Note

Limitations of the typology

1. The **complete classification levels** may only be used if the financial document to be used in the tagging is up to the **activity-level expenditures (i.e., program plans)**.
 1. If the expenditures are lumped per program, the tagging may only be done up to Level 1 (Major Nutrition Intervention) or Level 2 (Program Domain) classification.
2. On select **lumped expenditures** (i.e., support to subnational offices, or expenses with cross-cutting expenses) there may be **program component misclassification and overlap**, thus, program managers should **choose and tag the expenditure according to the program component where it is best fit or most appropriate**.

Table X. National Government Expenditures for Nutrition-related Activities, Share of GDP, and Average Per-capita Spending Year

	Expenditure (PHP Billions)	Share of GDP*	Average Annual Per Capita (PHP)**
Total Nutrition			
Specific			
Sensitive			

* Sum of nutrition expenditures over the sum of Philippine GDP

**Nutrition expenditures over the Philippine population |

Table X. Nutrition-related Expenditures (PHP millions) by Year and Markers

	Year X		Year Y	
	Expenses	% of Total	Expenses	% of Total
By Program Component Classification				
Advocacy and Promotion				
Capital Outlay				
Human Resource and Capacity Building				
Policy and Governance				
Research and Surveillance				
Service Delivery				
By Nutrition Intervention Focus				
Area Marker				
Health and Nutrition				
Knowledge Building				
Food Production and Sustainability				
Social Protection				
WASH				
By Malnutrition Risk Factor				
Context/Enabling Factors				
Household Factors				
Immediate Factors				

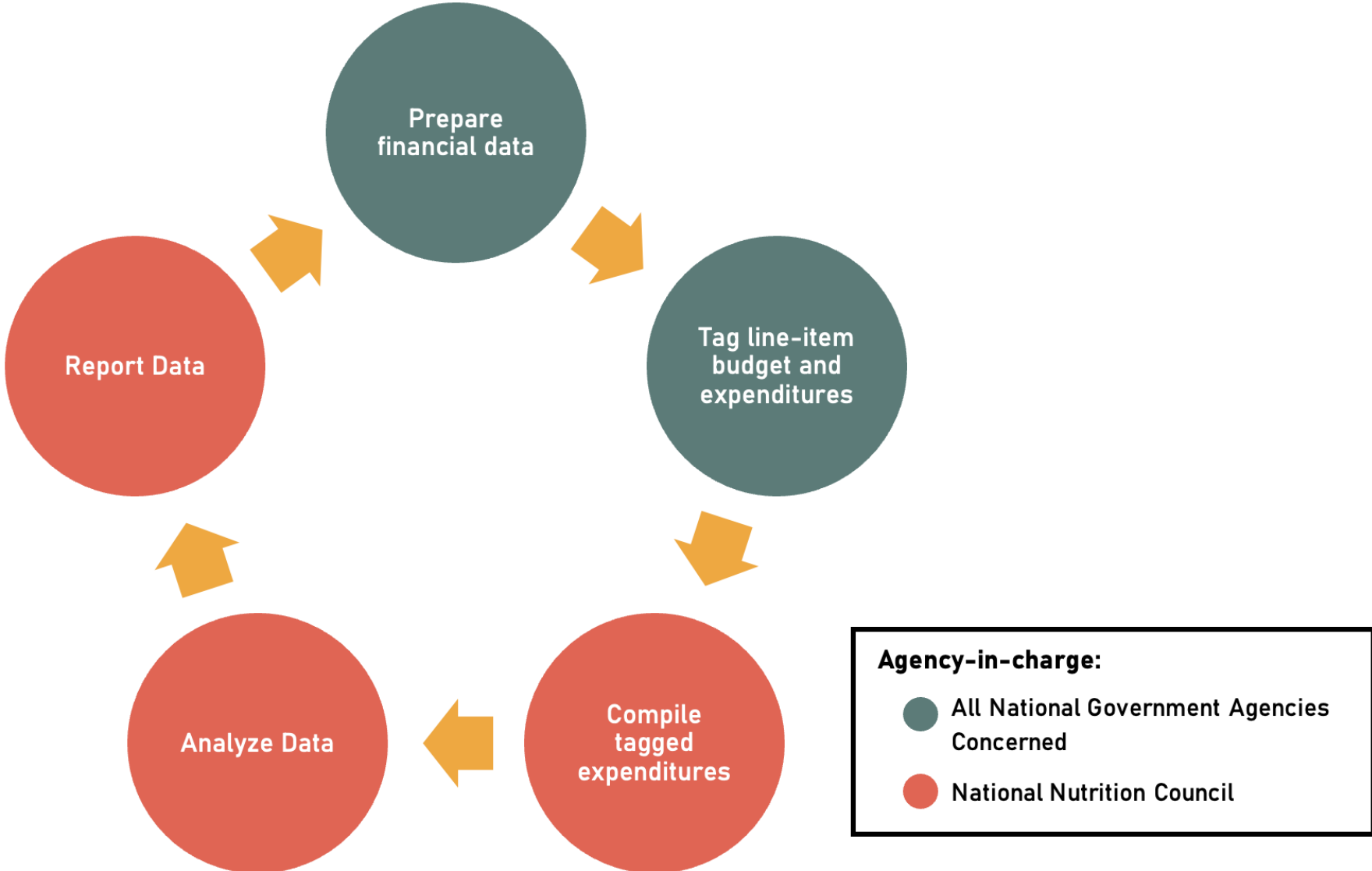
Table X. Nutrition-related Expenditures (PHP millions) by Intervention Domain and Year

Domains	Year X	Year Y	Year Z
Total Nutrition			
A. Nutrition Specific			
Micronutrient supplementation			
Infant and Young Child Feeding			
Integrated Management of Acute Malnutrition			
Supplementary feeding			
Mandatory food fortification			
Nutrition in emergencies			
Overweight/Obesity Management and Prevention			
Nutrition Promotion for Behavior Change			
B. Nutrition Sensitive			
Maternal and Neonatal Health			
Adolescent Health and Development			
Disease prevention and management			
Oral health			
Access to health care services			
Family planning, reproductive health, and responsible parenting			
WASH			
Early Childhood Care and Development			
Food Security and Sustainability			
Gender Empowerment			
Social safety nets			
Humanitarian Relief and Emergency Fund			
Universal education			
Monitoring and evaluation			

The Budget Tagging Process

Using the NBT Framework and Typology

Figure 9. Overview of the Nutrition Budget Tagging Process



Source: Authors' illustration

Step 1: Prepare financial data

Prepare financial data

In-charge:	Program Managers/Staff of the Concerned Bureaus/Divisions/Operating Units of the Relevant National Government Agencies
Documents needed:	Work and Financial Plans, or similar document Disbursement Data
Timeline:	Q1 of the following year

Work and Financial Plans



Trace disbursement data



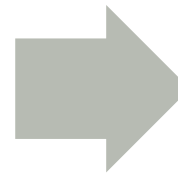
Organize and collate

Step 2: Tag budget and expenditure line-items

Tag line-item budget and expenditures

In-charge:	Program Managers/Staff of the Concerned Bureaus/Divisions/Operating Units of the Relevant National Government Agencies
Documents needed:	Nutrition Budget Tagging Sheet for NGAs (MS Excel file)
Timeline:	Q1 of the following year

Filling out of the NBT sheet



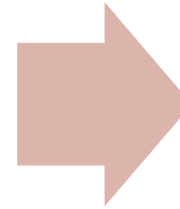
Typology tagging

Compile
and
analyze
Data

Step 3-4: Compile and analyze the tagged expenditures

In-charge:	National Nutrition Council
Documents needed:	Accomplished Nutrition Budget Tagging Sheet from NGAs
Timeline:	Q2 of the following year

Compile tagging sheets from NGAs



Generate descriptive statistics

Report
Data

Step 5: Reporting Nutrition Expenditure Data

In-charge:	National Nutrition Council
Documents needed:	Analysis results from the tagging exercise
Timeline:	Q2 of the following year

Process Limitations

- Highly dependent on the **assigned program managers** of the relevant offices as the first few steps of this process will be done by them.
- Due to **unstandardized formats of Work and Financial Plans and other disbursements data per agency**, different difficulties may be encountered by agencies in compiling the financial data.

Moving forward

1. Improve the typology and overall process

- Continuous improvement of this proposed framework and process through pilot testing and periodic refinements

2. Implementation and institutionalization

- Actively push for policies and issuances for the institutionalization of this system
- Capacity building activities to ensure its sustainable adoption

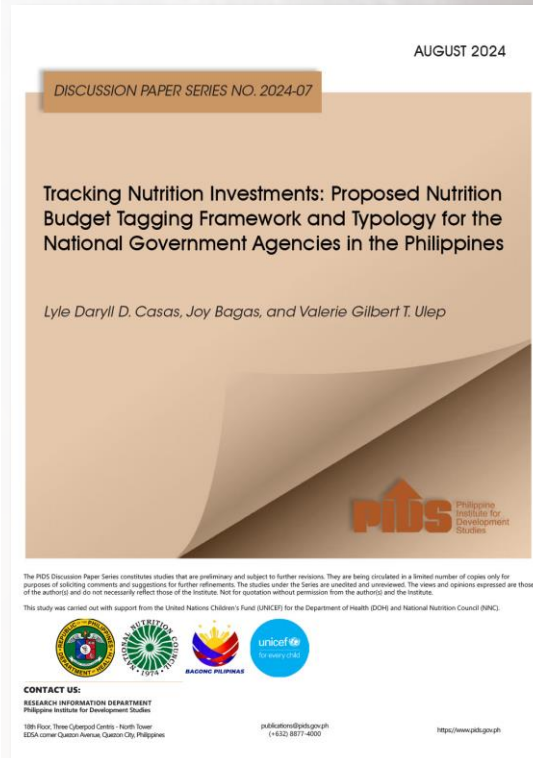


Thank you!

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