

Regional TCP on Creating Enabling Environments for Nutrition Sensitive Food and Agriculture to Address Malnutrition

“Selected NUS and preliminary proposed sites option for field survey: Lao PDR”

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Nutrition situation 2015:

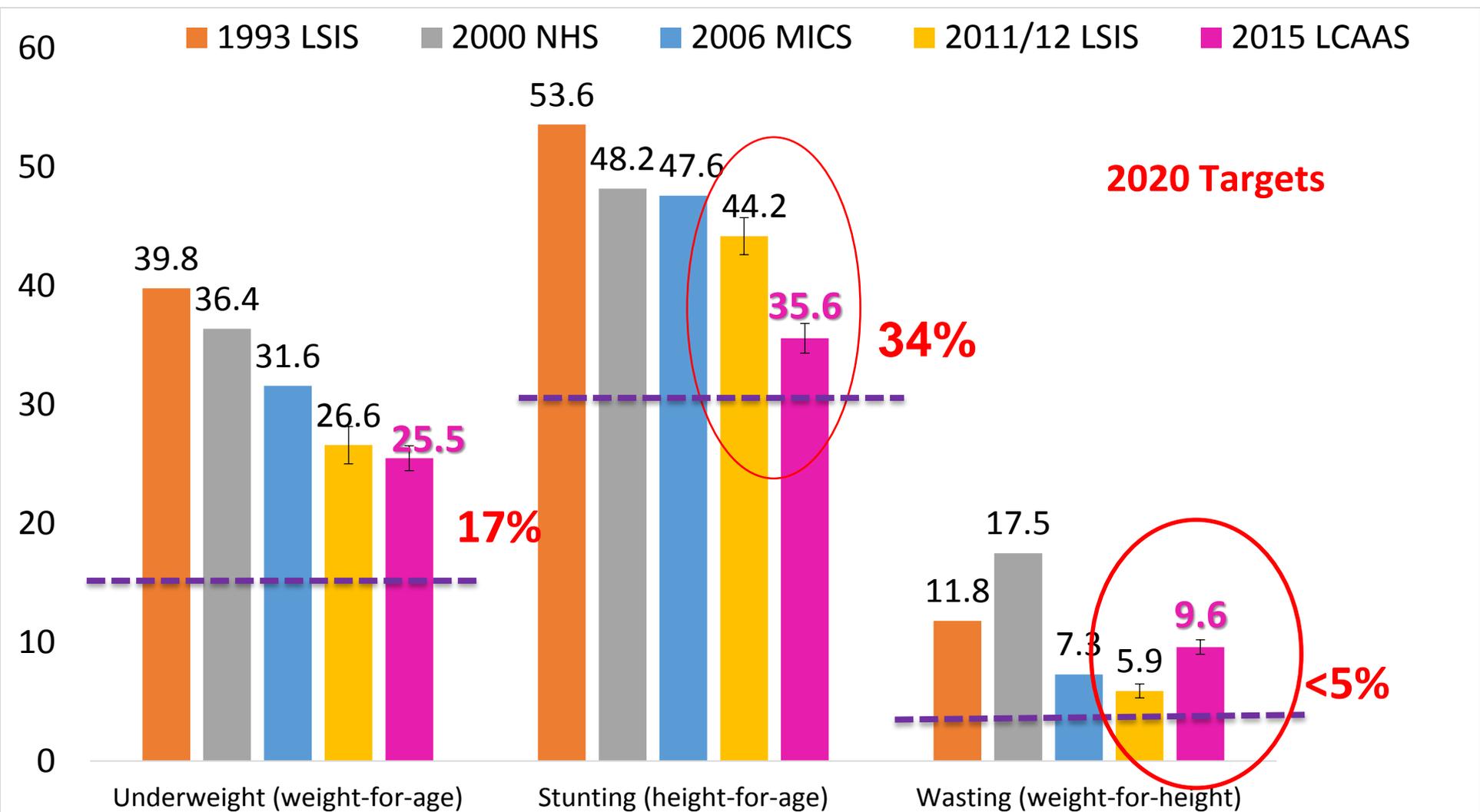
Agriculture for Food Balance Sheet

- Agriculture contributed 21.3% of GDP (2016)*
- Supply Utilization Account (SUA):
 - National target: average 2,600Kcal/person/day
 - Recently: average 2,925Kcal/person/day (Survey in 2015)

LECS V 2012/13

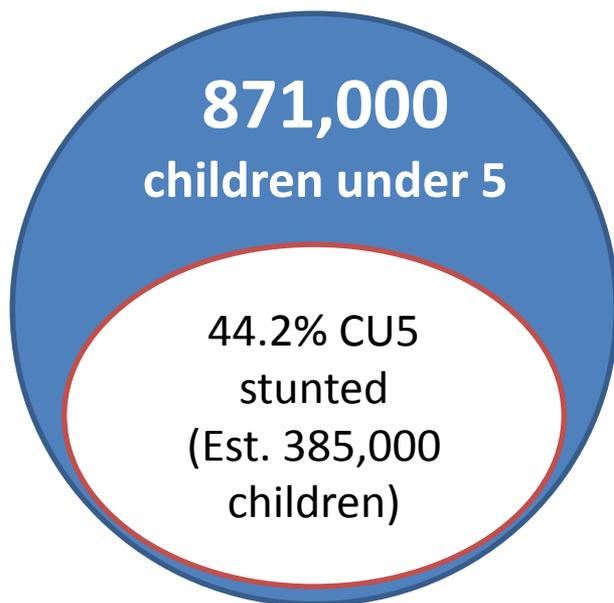
	Average dietary energy consumption	Average protein consumption	Average carbohydrates consumption	Average fat consumption
Province	kcal/per/day	g/person/day		
Vientiane CP	2158	70.8	391.3	31.0
Phongsaly	3253	92.7	644.1	29.9
Luangnamtha	3361	97.6	623.3	50.2
Oudomxay	3007	81.9	600.3	27.8
Bokeo	2390	63.4	497.2	14.2
Luangprabang	2773	79.2	531.5	33.7
Huaphanh	2668	69.0	558.7	14.8
Xayabury	2945	81.1	580.3	30.9
Xiengkhuang	2682	66.8	558.8	17.9
Vientiane	2872	70.7	597.0	20.1
Borikhamxay	2638	70.5	529.4	24.3
Khammuane	2390	67.1	488.7	16.1
Savannakhet	2763	81.4	543.3	26.7
Saravne	2429	78.8	464.8	26.1
Sekong	2014	51.1	421.3	12.0
Champasack	2761	81.0	547.4	24.3
Attapeu	2604	75.6	516.8	23.8

Child under 5 undernutrition in Lao PDR

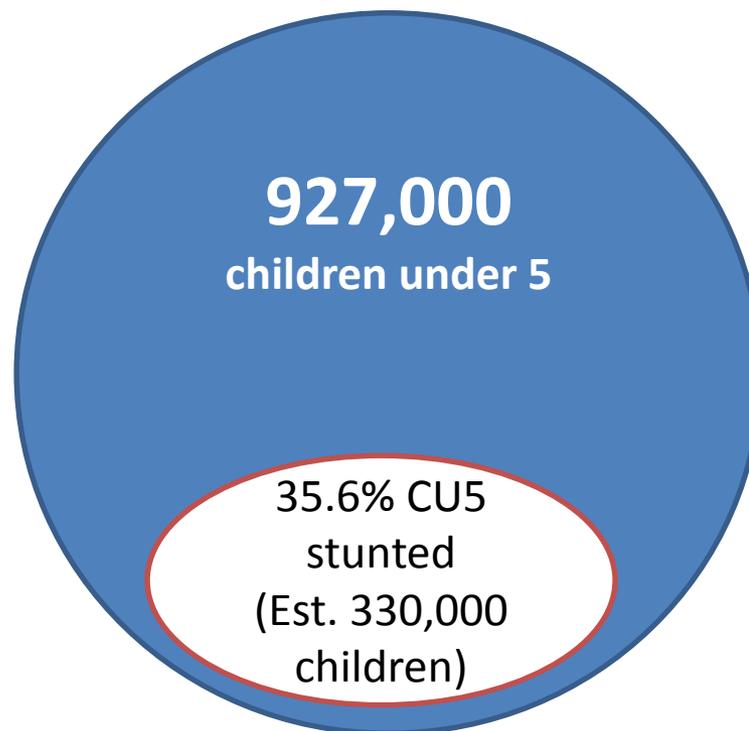


Number of Stunted Children Under 5 in Lao PDR

2011/12



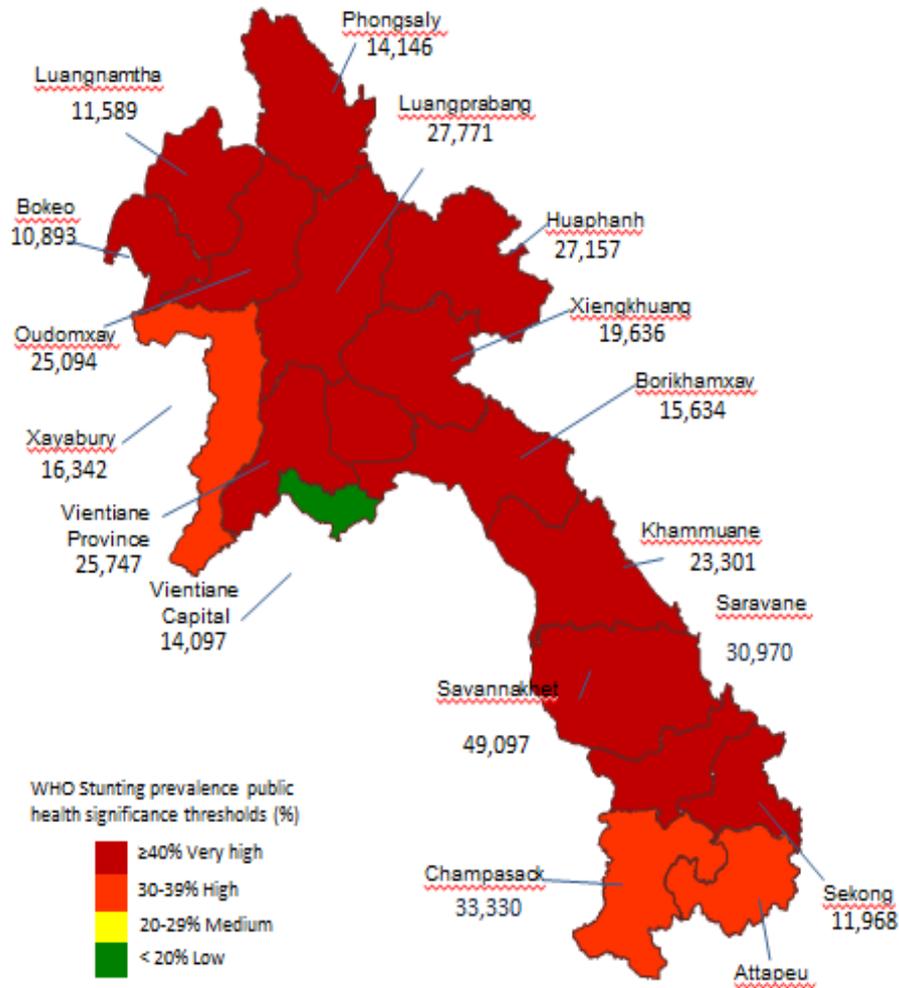
2015



Source:
2015, Global Nutrition Report
2015, LCAAS
Lao Statistics Bureau, 2015 population census; annual population growth estimate (1.5%); % of total population as children under 5 (14.06%)

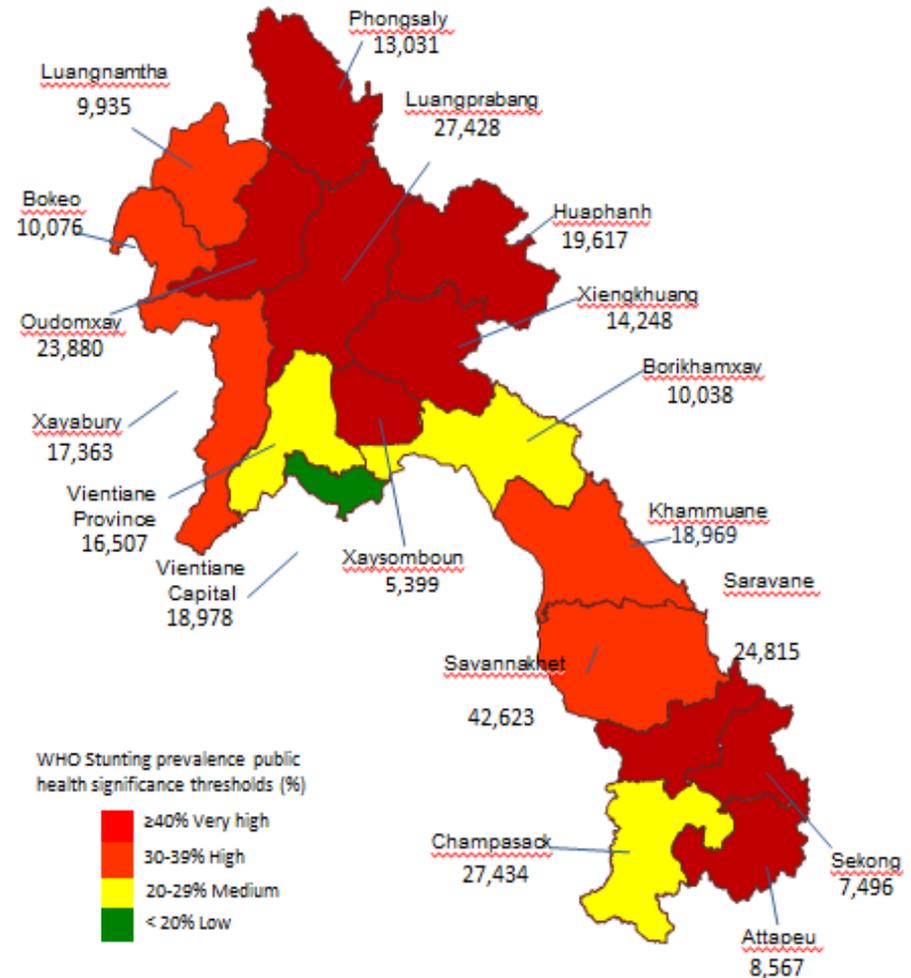
Child under 5 Stunting by Province

2011/ 12



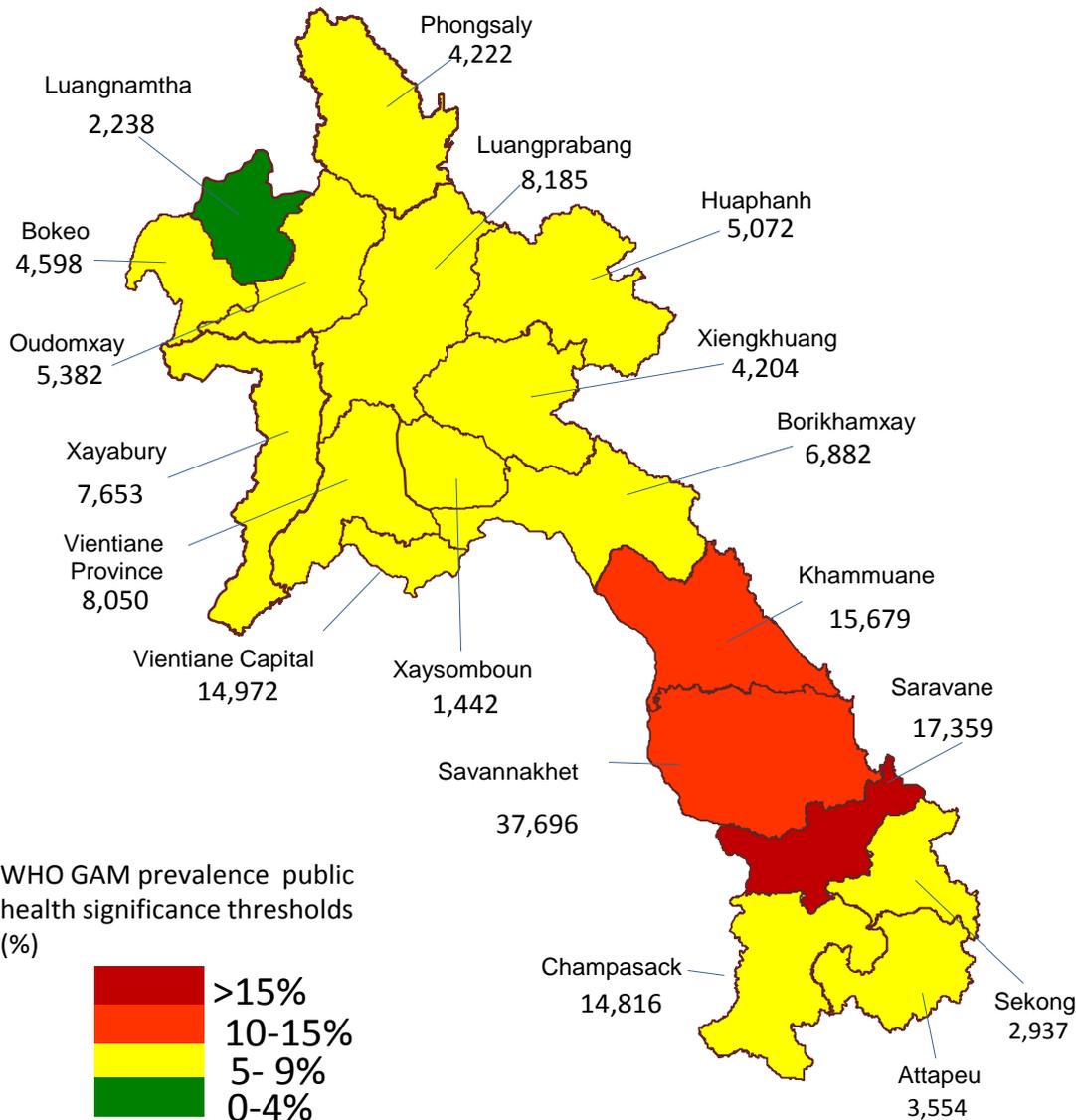
- 13 provinces have very high levels of stunting (>40%)

2015



- 9 provinces have very high levels of stunting (>40%)

Child under 5 Wasting by Province



- 9.6 per cent of children under 5 years have acute malnutrition or wasting (low weight for height/length)
- 3 provinces have high levels of wasting, exceeding WHO serious 10% threshold

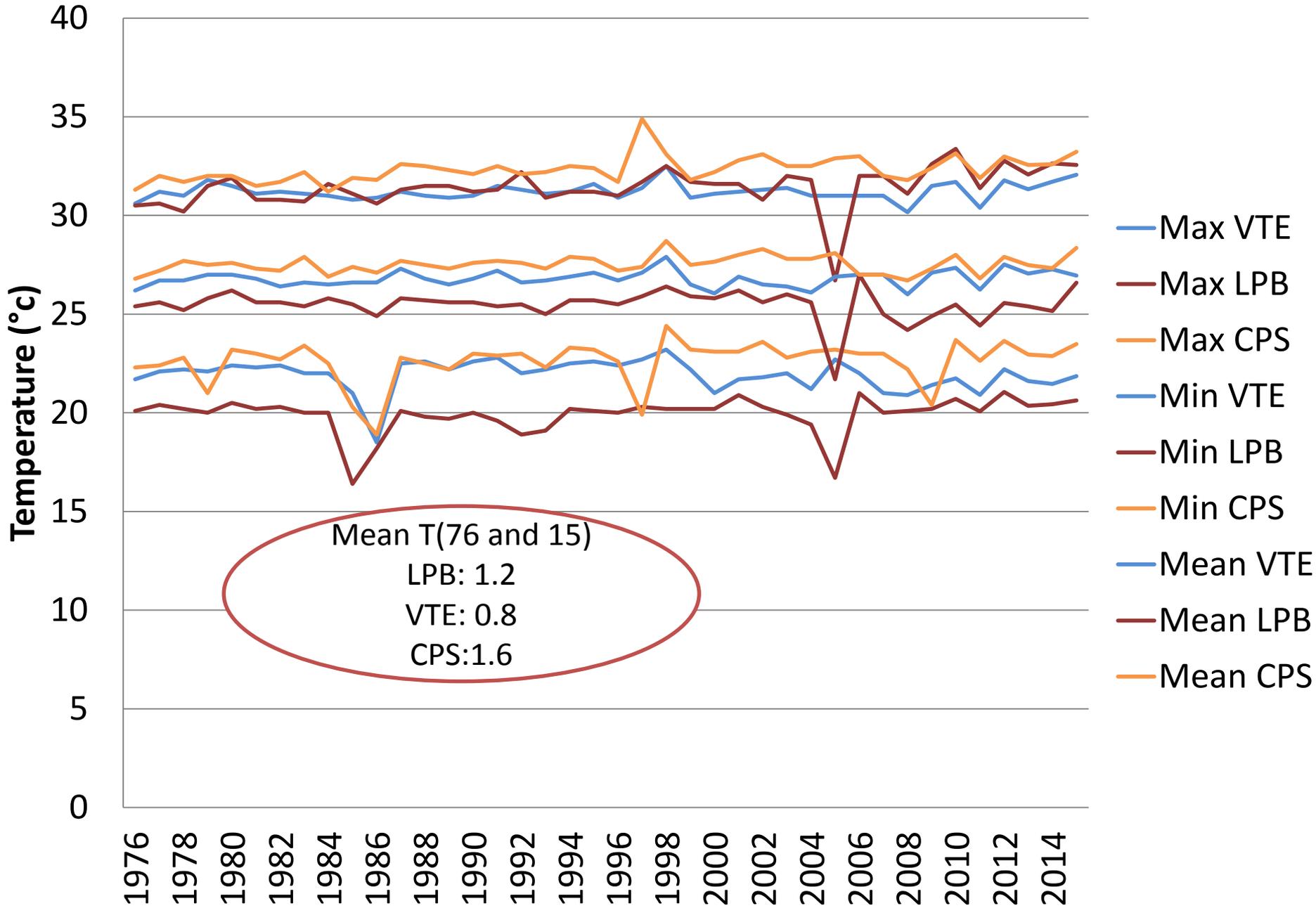
Source:
Lao Statistics Bureau, 2015 population census; annual population growth estimate (1.5%); % of total population as children under 5 (14.06%)

LCAAS, 2015: prevalence of CU5 GAM

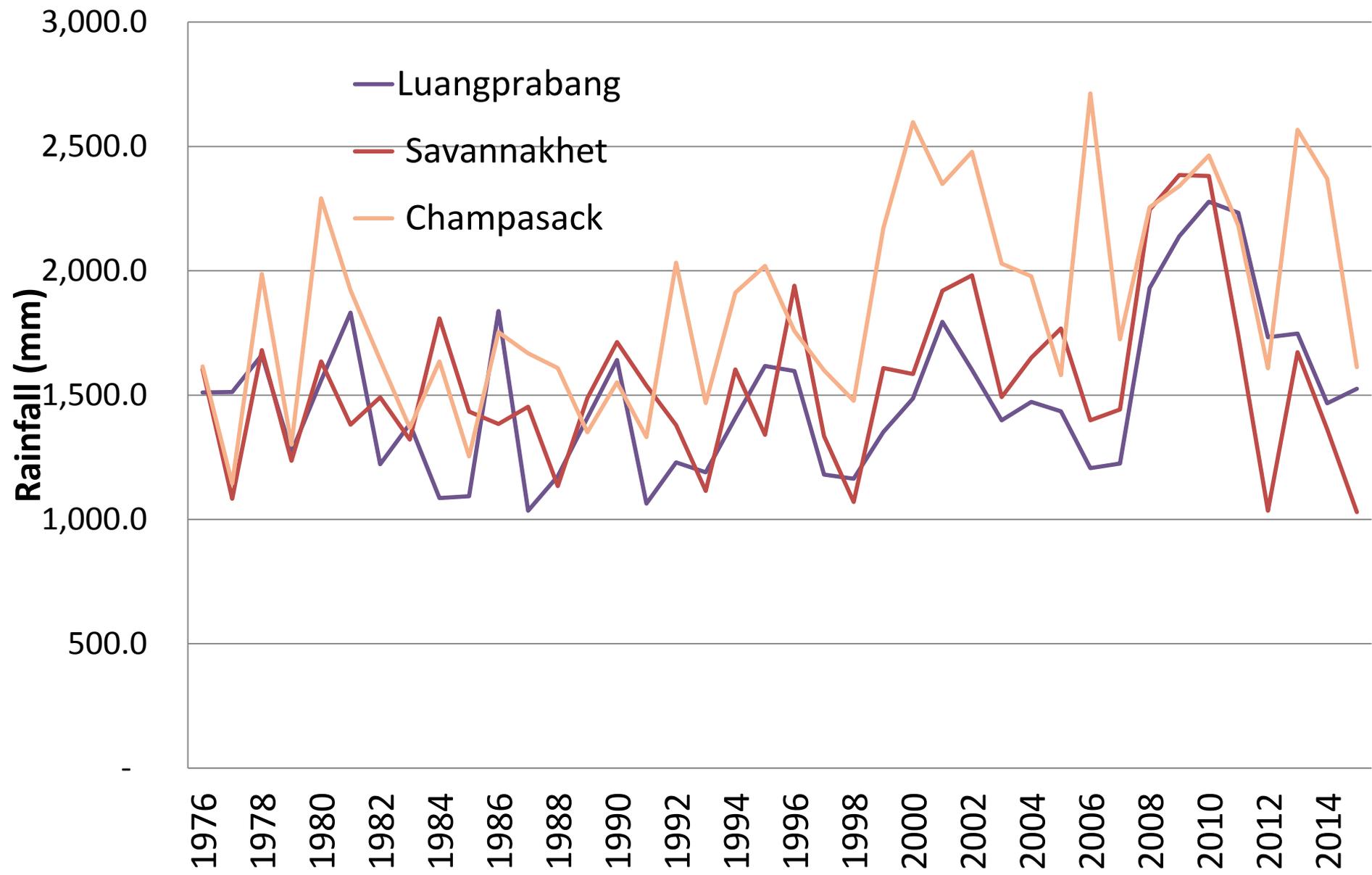


Climate condition since 1976 to 2015:

Temperature in 3 part of Laos from 1976 to 2015



Rainfall in 3 part of Laos from 1976 to 2015





Government Policy support for nutrition on Food and Agriculture

**ASEAN INTEGRATED
FOOD SECURITY
FRAMEWORK**

SDG

**World Health
Assembly
Targets**

**ASEAN Cluster 1:
Promoting Healthy
Life style Nutrition
among 7 priorities**

Stunting

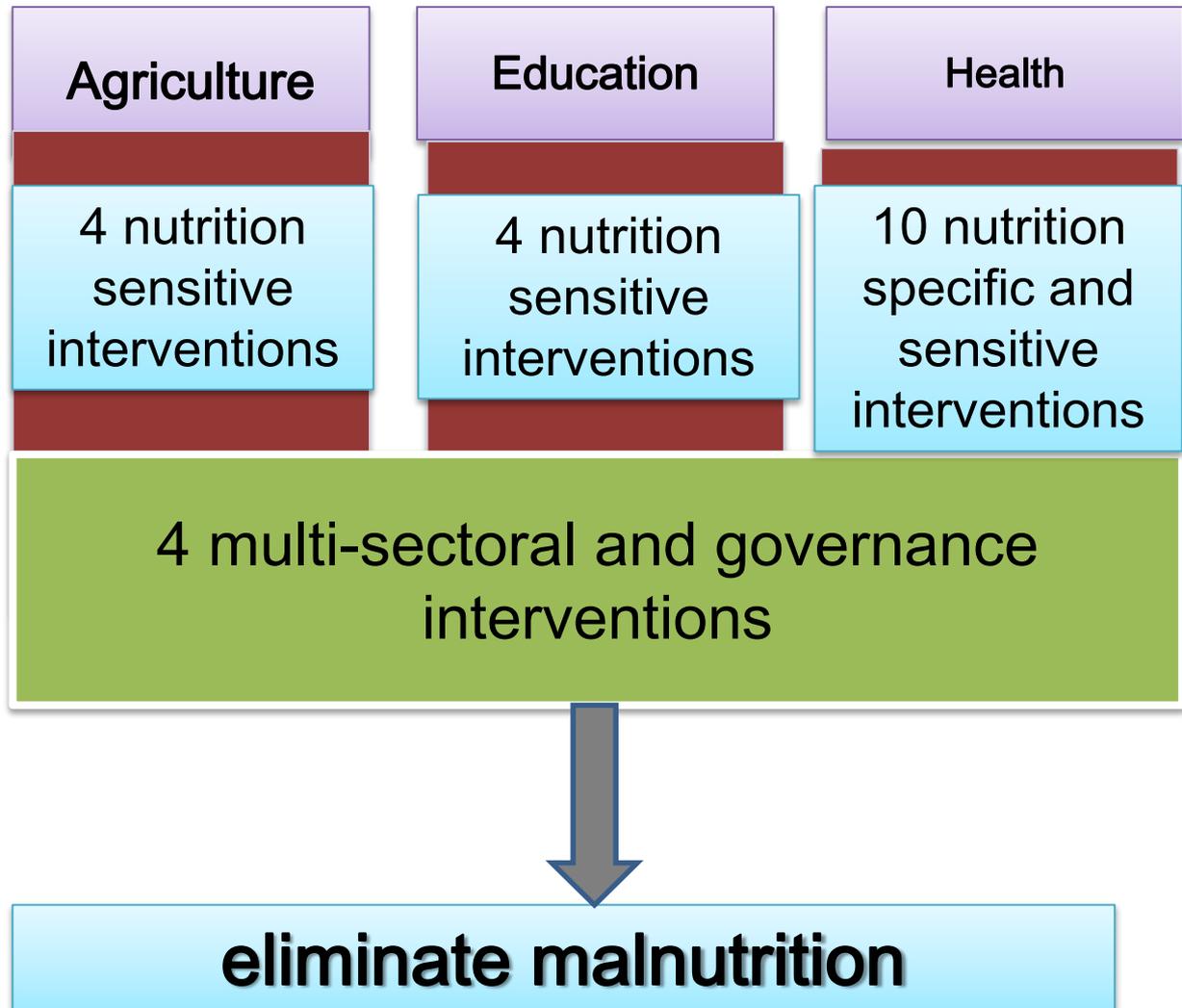
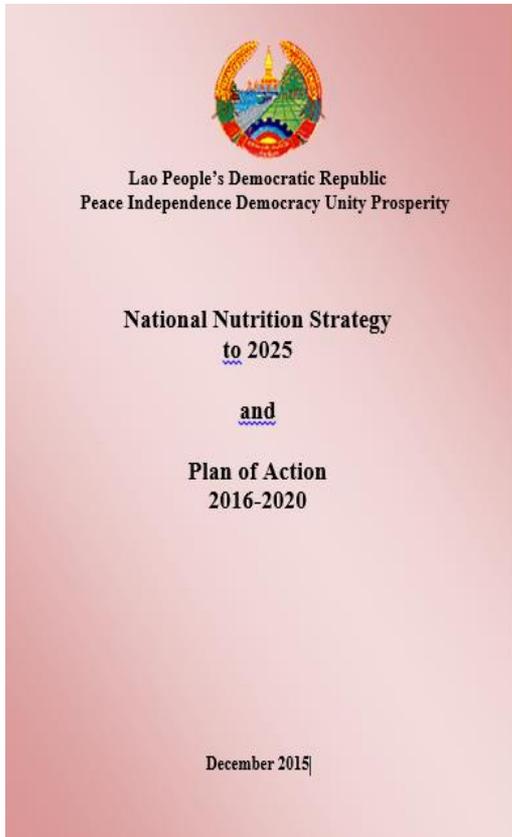
**NATIONAL
NUTRITION
STRATEGY 2025**

**ASEAN IAI phase 3 of
CLMV - Nutrition**

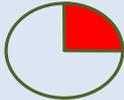
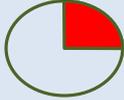
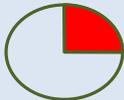
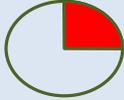
8TH

NSEDP

NNS2025 NNAP 2016-2020



NPAN Intervention Progress : Agriculture

NPAN Agriculture Interventions	Provinces <i>Intended coverage</i>	Coverage <i>Actual delivery</i>	Key challenges to achieving coverage
1. Increase production plant-based foods	18		<ul style="list-style-type: none"> ▪ The assessment includes activities implemented at national level relating to capacity development and policy support. ▪ The expected coverage remains to be defined by intervention and target area and group. ➤ Completing the common result framework will help estimating the coverage more precisely.
2. Increase production animal based protein	18		
3. Support post-harvest facilities, food processing, preservation and storage	18		
4. Promote agriculture-based and NTFP-based IGA to increase household incomes, with emphasis on women	18		

Crop-related Neglected and Underutilized Species (NUS)

Food Group	English/Local Name	Scientific Name	Classify in NUS
1. Cereals	Sorghum	Sorghum Bicolor	Underutilized
2. Roots and Tubers	Taro	Colocasia sp.	Neglected and Underutilized
	Purple Yam	Dioscorea alata L.	Neglected and Underutilized
	Fancy Yam	Dioscorea esculenta Burk.	Neglected and Underutilized
3. Nuts and Pulses	Mungbean	Vigna radiata (L.) Wilczek	Underutilized
	Rice Bean	Vigna umbellata (Thunberg) Ohwi & Ohashi	Neglected and Underutilized
	Cowpea	Vigna unguiculata (L.) Walp. subsp. unguiculata	Underutilized

Stable and NUS crop production in Laos

Province	Area (ha)		Production (t)		Yield (t/ha)	
	2013	2014	2013	2014	2013	2014
Rice	891,190	957,924	3,414,560	4,002,425	3.8	4.2
Root and Tuber	65,995	81,345	1,477,948	1,872,240	22.4	23.0
Mungbean	2,940	2,920	3,365	4,000	1.1	1.4

Source:
Department of Agriculture, MAF, 2014

Link with project

- Global Agriculture Food Security Programme (2016 to 2021) cover 12 Dis, 400 Village in 4 province (Phongsaly, Huaphan, Oudomxay and Xiengkouang province)
- Enhancing Nutrition of Upland Farming Families (ENUFF) 2 provinces (Huaphan and Oudomxay province).
- Food and Nutrition Security (FAO) in Luangnamtha province
- Food and Nutrition Security and Link to market (IFAD) 3 provinces (Saravane, Sekong and Attapeu province) 2013-2019

