

Lao People's Democratic Republic - National Food Consumption Survey Lao PDR 2016-2017

Lao Tropical and Public Health Institute (LTPHI)

Report generated on: November 3, 2025

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Identification

SURVEY ID NUMBER

LAO_2016-2017_NFCS_v01_M_v01_A_ESS

TITLE

National Food Consumption Survey Lao PDR 2016-2017

ABBREVIATION OR ACRONYM

NFCS LAO 2017

COUNTRY

Name	Country code
Lao People's Democratic Republic	LAO

STUDY TYPE

Individual Food Consumption/Dietary Survey [hh/ifcs]

ABSTRACT

The Lao PDR food consumption survey was conducted to increase the availability of individual quantitative food consumption data in Lao PDR. More specifically, the study was undertaken to:

- assess dietary intake and food consumption patterns in Lao PDR
- determine the type of foods consumed in order to further develop the Lao PDR food composition database
- improve the quality of nutrient intake assessments and dietary exposure assessments for chemical and biological hazards in food

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Individuals

Scope

NOTES

The survey collected information on:

- SUBJECTS: information on the participants such as age, sex and geographical location
- CONSUMPTION: information on all foods consumed by each participant in each survey day, including quantities and nutrient values

Coverage

GEOGRAPHIC COVERAGE

National coverage, both rural and urban areas.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Lao Tropical and Public Health Institute (LTPHI)	Lao PDR Ministry of Health

Sampling

SAMPLING PROCEDURE

The food consumption survey in Lao PDR 2016 was designed as a cross-sectional study to provide separate estimates for three regions of the country.

Based on the wide diversity of the country's regions in terms of climate and agriculture, three zones, representing three regions, were selected: Northern lowland, Central-southern highland and the Mekong corridor. The sampling was performed through a stratified multi-stage sampling technique, following these steps:

1. Selection of two provinces for each region by using simple random sampling
2. Selection of two districts within each province by using simple random sampling (stratified by urban and rural districts)
3. Selection of two villages within each district by simple random sampling
4. Selection of the number of households to be visited (n=42 per village), covering all target groups;
5. Selection of one representative per household; the names of respondents were listed for each one of the 8 target groups, based on age group and sex; the first individual was selected by systematic random sampling method. The selected sample was crosschecked against the household identification in the village registries to ensure that each household member is polled only once with particular attention to the groups for pregnant and lactating women.

The method for sample selection was supported with information from several sources. In addition to the consultation of the village registries, assistance on the identification of the households and respondents was provided by health workers from the Health center and by the school staff. The districts Oudomxay and Luangprabang in Northern lowland, Vientiane Capital and Bolikhamxay in Central-southern highland, Savannakhet and Champasack in the Mekong corridor were included in the survey.

The target sample size was set at 2016 respondents, and took into consideration the need to capture the variability of diets among the subjects according to the different agro ecological zones, urban and rural areas, and the two seasons of the year. The target sample size was divided between the raining season (n=1008 respondents) and the dry season (n=1008 respondents). The sample for each age group was also stratified by sex to equally represent females and males.

The final total sample size was 2045, with a few additional participants being interviewed in some villages in both seasons.

WEIGHTING

No survey weights were used in this survey.

Data collection

DATES OF DATA COLLECTION

Start	End
2016-12-09	2017-05-31

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

Individual quantitative 24-hour recall was collected through paper questionnaires. Two recalls were collected for a subset of the sample (223 participants).

Access policy

CONTACTS

Name	Affiliation	Email
Food and Nutrition Division	Food and Agriculture Organization of the United Nations	fao-who-gift@fao.org

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CITATION REQUIREMENTS

Lao Tropical and Public Health Institute (Lao TPHI), Lao PDR. 2018. The National Food Consumption Survey Lao PDR 2016-2017.

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Metadata production

DDI DOCUMENT ID

DDI_LAO_2016-2017_NFCS_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Food and Nutrition Division	ESN	Food and Agriculture Organization of the United Nations	Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables
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