



RICE-BASED FARM HOUSEHOLD SURVEY

Socioecono
mics Division



What is RBFHS ?

SED's *quinquennial survey* that covers:

farmer characteristics

description of farm parcel

method of crop establishment

farm inputs and crop management practices

labor requirement

postharvest practices

production costs

sources of farm financing

production problems

sources of information

Started in 1997 as a collaboration with BAS
Initial survey covered 1996 WS and 1997 DS
Second round was on 2001 WS and 2002 DS
Third round was on 2006 WS and 2007 DS
Fourth round was on 2011 WS and 2012 DS
Fluctuating sample size due to budget constraints

**How
RBFHS
started
?**

What are the objectives of the survey?

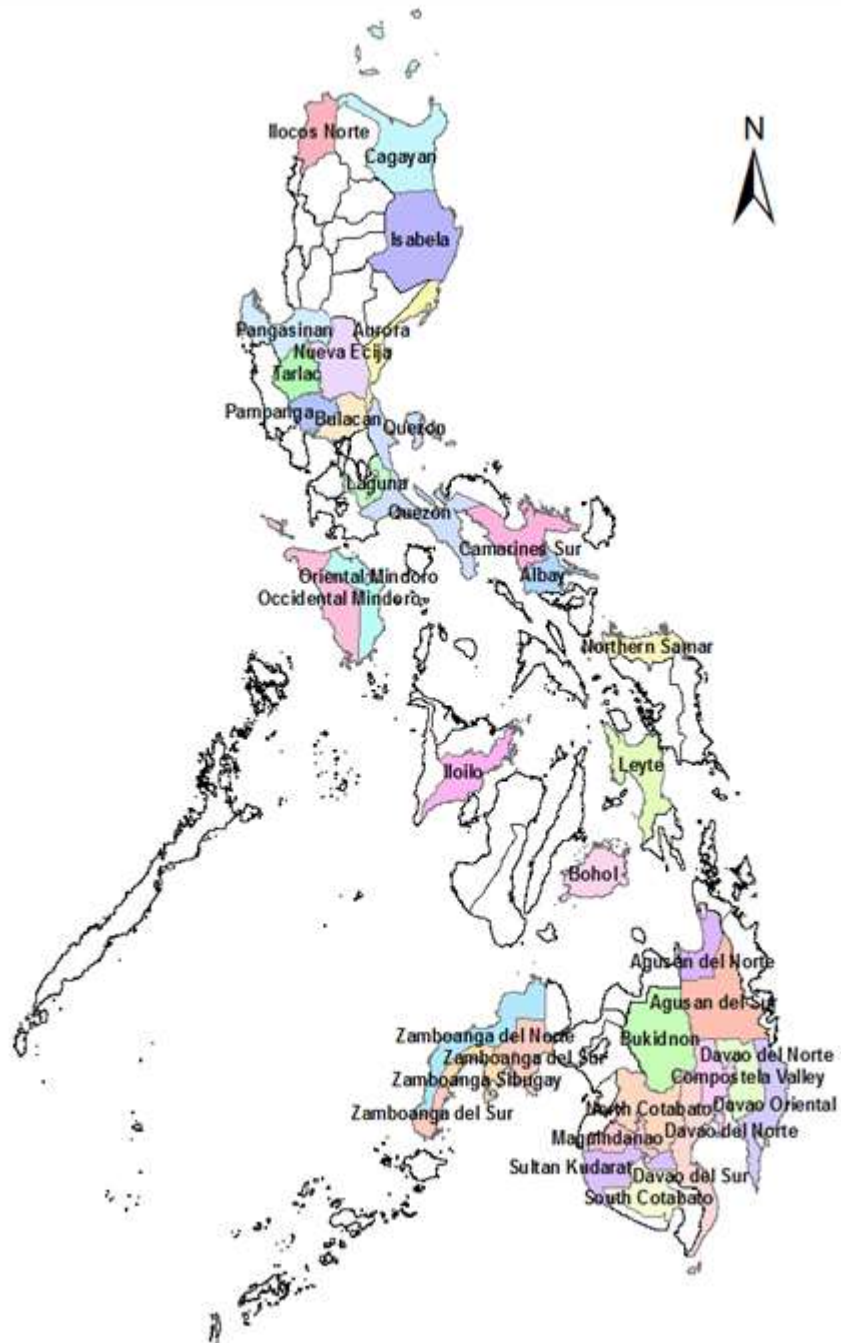
RBFHS aims to:

- monitor changes in rice-based farmers' technological, social, and economic profiles

- identify and document rice-based farmers' demand for technology vis-à-vis their production environment and socioeconomic strata

- update, organize, and store location-specific data in a database for use by rice researchers

- provide information to policymakers in formulating and advocating agricultural policies



Sample provinces:

Ilocos Norte	Leyte
Pangasinan	Northern Samar
Cagayan	Zamboanga del Norte
Isabela	Zamboanga del Sur
Bulacan	Zamboanga Sibugay
Nueva Ecija	Bukidnon
Pampanga	Compostela Valley
Tarlac	Davao del Norte
Aurora	Davao Oriental
Laguna	Davao del Sur
Quezon	South Cotabato
Mindoro Occidental	North Cotabato
Mindoro Oriental	Sultan Kudarat
Albay	Maguindanao
Camarines Sur	Agusan del Norte
Iloilo	Agusan del Sur
Bohol	

**Where
are the
samplin
g areas?**

How sampling is done?

Sampling procedure

Step 1: Province Selection and Sample Allocation

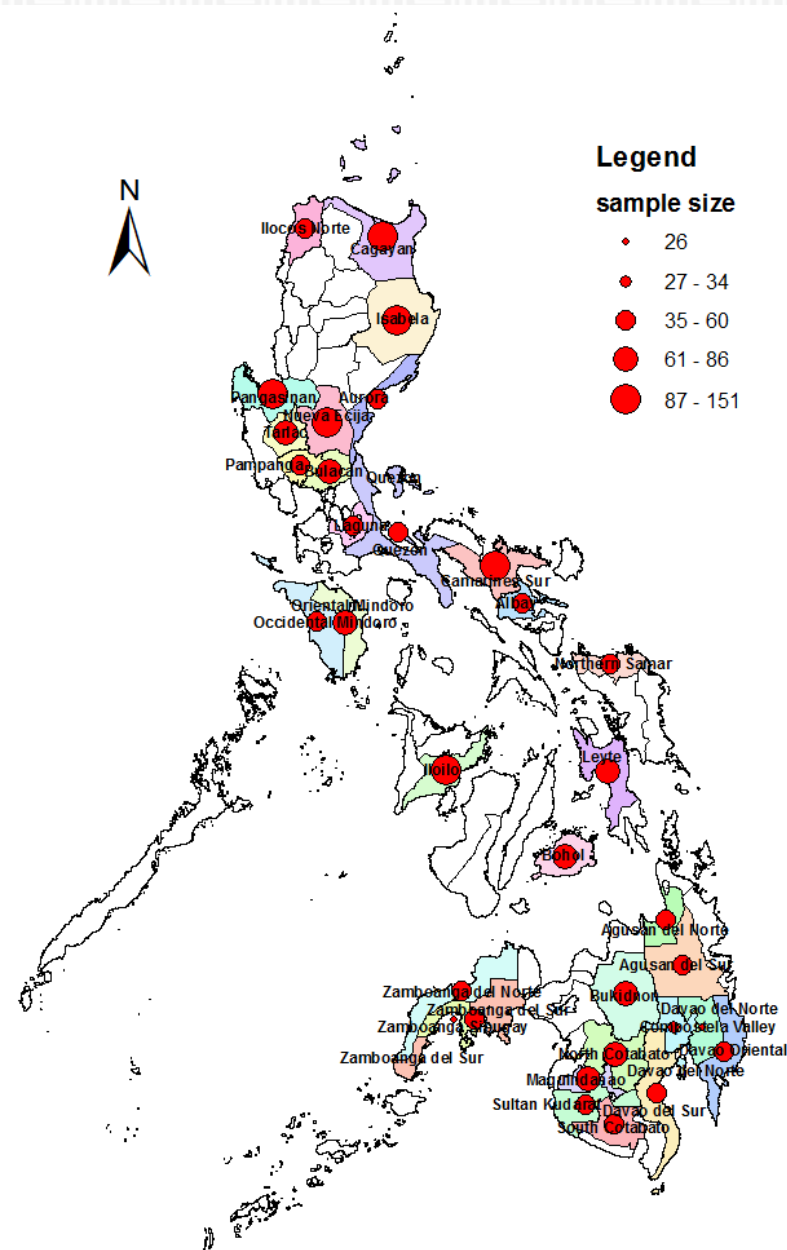
Step 2: Village Selection

Step 3: Selection of Sample Respondents

Step 1: Province Selection and Sample Allocation

Sample size: $n=2500$ sample farmers
from 33 provinces except for 2006-2007

Sampling technique: two-stage sampling procedure



How
sample
is
allocate
d?

How villages are classified ?

Step 2: Village selection

Villages are classified by BAS-Provincial Operation Center into irrigated and rainfed

Villages with source of irrigation water in more than 50% of its physical rice area were categorized as **irrigated** while the opposite were categorized as **rainfed**

At least two villages per ecosystem in each province were maintained: each village has 8-10 sample respondents

Step 3: Selection of Sample Respondents

For a sample village, sample RBFH were selected using the right coverage approach

In the succeeding RBFHS rounds, same respondents from the previous round were interviewed again, replacing only when the farmer-respondent was deceased, has migrated to other place, or permanently stopped from rice farming

**How
respondents are
selected
?**