

# WISHH Program in Honduras

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The Cutting Edge

# A Comprehensive Program

- Nutrition Intervention Pilots
  - Mother-Child Health Program
  - School Lunch Program
  - HIV-AIDS
- Capacity Building
- Local Business Development
  - Soy Foods
  - Aquaculture

# WISHH Program Partners

## ■ US

- Cargill
- Illinois Soybean Board
- University of Illinois
- The Cutting Edge

## ■ Honduras

- CARE, Honduras
- Government School Lunch Program
- The World Food Programme
- Ministry of Health
- National Alliance of People Living with HIV
- Zamarano

# Mother Child Pilot

- Rural municipalities
- 336 families
- Soy protein supplementation
  - Defatted soy flour , 5 pounds
  - Textured soy protein, 5 pound
- Four months
- Technical support
  - Cost-benefit analysis
  - Food utilization and recipe development training
    - On site to beneficiaries and CARE staff
  - Studying product acceptance
    - Consumers
    - Food preparers

# Mother Child Pilot

- Initial feedback
  - Soy-enhanced food well accepted or preferred to non-enhanced foods
  - Extremely easy to use
  - Increased shelf life
  - Broad application

# School Lunch Pilot

- Rural schools in poor municipalities
- 1,000 children
- Soy protein supplementation
  - Defatted soy flour , 10 grams/day
  - Textured soy protein, 15 grams/day
- Soy protein added to food provided by the WFP
  - Beans, rice, corn meal, CSB
- Health data collected by the Government

# School Lunch Pilot

- Technical support
  - Cost-benefit analysis
  - Food utilization and recipe development training
    - In the schools
    - Parents, teachers, and school lunch administration staff
  - Food handling and storage logistics
  - Studying product acceptance
    - Consumers
      - Children, teachers, and parents
    - Food preparers
    - Program administrators

# School Lunch Pilot

- Current status
  - Implementation starts early March
  - Extremely high consumer acceptance
  - Parents recognize health benefits of soy protein
  - Request for doubling the size of the pilot

# Capacity Building

- Zamarano training program
  - At the University of Illinois
    - Soy product development
    - Consumer acceptance
    - Marketing
  - At Zamarano
    - Consumer trials of soy products
    - Technical support for various pilots

# Local Business Development

- Local food manufacturers
  - Product development assistance
    - Institutional consumers
    - Commercial markets
- Aquaculture
  - Technical support
  - Exploring development of joint ventures

# HIV/AIDS Project

# Project Description

- Food basket that includes VASPs (DSF and TSP) is provided to 300 beneficiary families involved in the ARV distribution program
- Data is collected on 300 participating beneficiaries and 100 controls (not receiving food basket, but receiving ARVs)
- Data collection is on medical, nutritional, living situations, quality of life, and acceptability of soy products over a year to provide baseline and trend data

# WISHH Technical Assistance

- Training on food utilization and recipe development
  - At NSRL during PVO workshop
  - On site in San Pedro Sula and Tegucigalpa
- Development of protocol and training on data collection activities in conjunction with partners
- Database design, data evaluation, and training for volunteers
- Nutrition-related education pieces development and testing specific to HIV/AIDS and ARVs, food safety, others

# General Data

(July-Dec 2003)

## ■ Adults:

- Weight: 58.3 kg → 61.2 kg
- BMI: 21.87 → 22.89

## ■ Children (n=24):

- 2 with severe malnutrition; 4 with moderate malnutrition; 2 underweight
- Improved height in 23/24 (mean 1.44 cm)
- Improved weight in 24/24 (mean 3.5 kg)
- BMI dropped 0.07 \*\*



## CLINICA MSF VIH/SIDA TELA

### DIAGNOSTICO NUTRICIONAL JULIO 2003

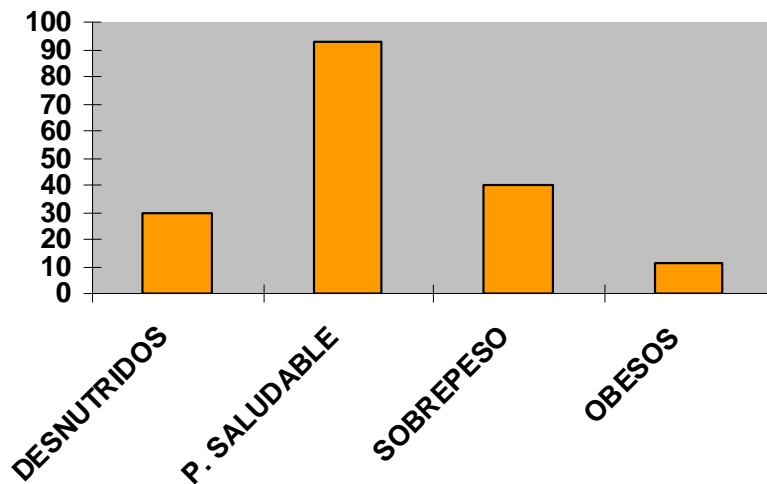
#### ADULTOS

DESNUTRIDOS	30
P. SALUDABLE	93
SOBREPESO	40
OBESOS	11

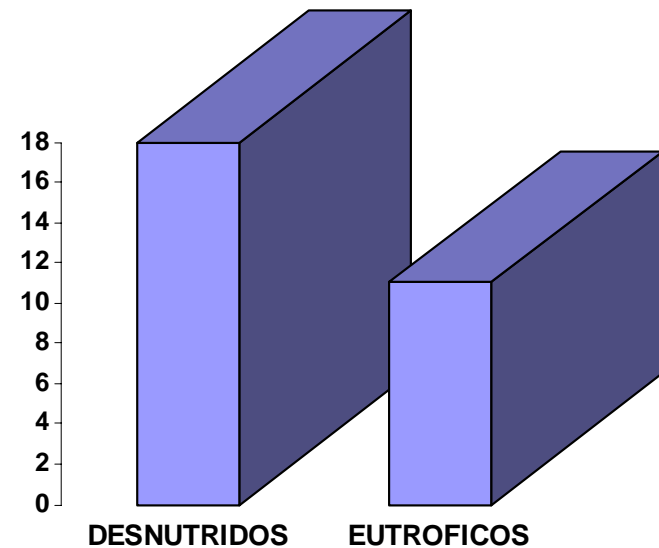
#### NIÑOS

DESNUTRIDOS	18
EUTROFICOS	11

#### DIAGNOSTICO NUTRICIONAL ADULTOS JULIO 2003



#### DIAGNOSTICO NUTRICIONAL NIÑOS JULIO 2003





## CLINICA MSF VIH/SIDA TELA

### DIAGNOSTICO NUTRICIONAL DICIEMBRE 2003

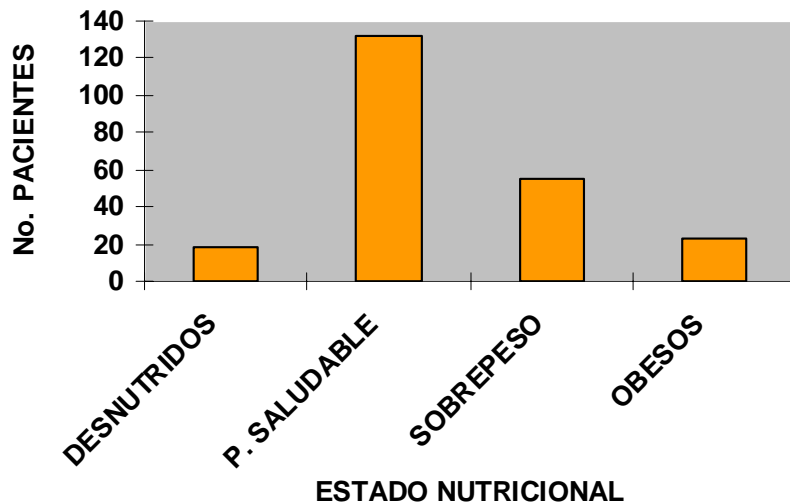
#### ADULTOS

DESNUTRIDOS	18
P. SALUDABLE	132
SOBREPESO	55
OBESOS	23

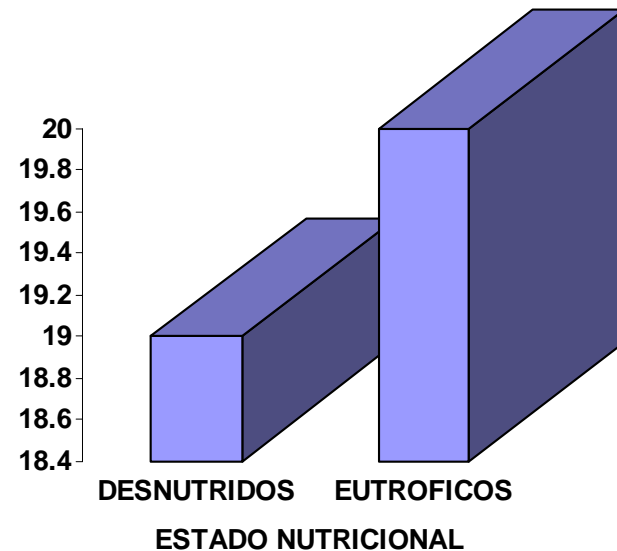
#### NIÑOS

DESNUTRIDOS	19
EUTROFICOS	20

#### DIAGNOSTICO NUTRICIONAL ADULTOS - DICIEMBRE 2003



#### DIAGNOSTICO NUTRICIONAL NIÑOS - DICIEMBRE 2003

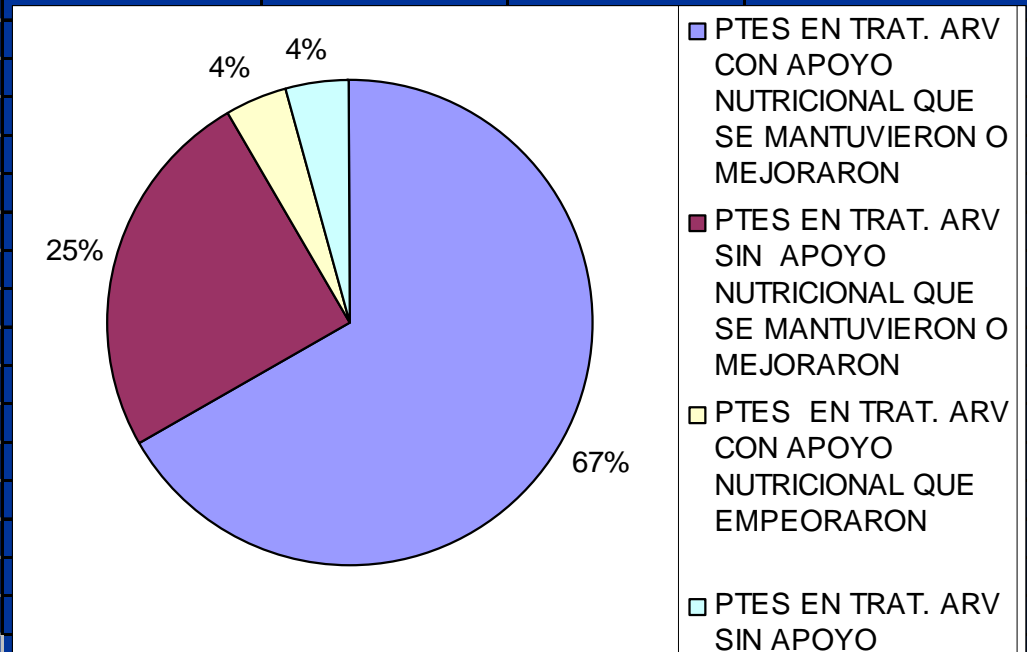
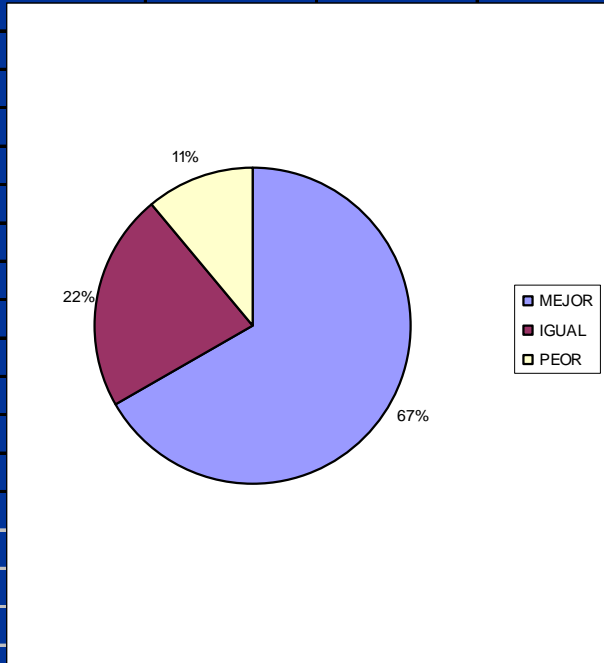


# CLINICA MSF - TELA - HONDURAS

PROYECTO VIH - SIDA 2002 - 2004

## COMPARACION DEL ESTADO NUTRICIONAL DE LOS NIÑOS DEL PROYECTO (JULIO-DICIEMBRE 2003)

No. PTES.	MEJOR	IGUAL	PEOR	PTES EN TRAT. ARV CON APOYO NUTRICIONAL QUE SE MANTUVIERON O MEJORARON	PTES EN TRAT. ARV SIN APOYO NUTRICIONAL QUE SE MANTUVIERON O MEJORARON	PTES EN TRAT. ARV CON APOYO NUTRICIONAL QUE EMPEORARON	PTES EN TRAT. ARV SIN APOYO NUTRICIONAL QUE EMPEORARON
27	18	6	3	16	6	1	1



# Data Collection

- Formalized into database developed specifically for this project
- Preliminary evaluation shows baseline malnutrition and improvement over 3 months of food basket receipt
- Quarterly data collection for one full year
- Cross-section evaluation of baseline data
- Trending evaluation on multiple visits

# Future Opportunities

- Expansion to other ARV beneficiaries
- Expansion to TB program
- Testing of VASPs with other commodities