

El Salvador - Production and Business Services (Impact) 2009-2011

Mathematica Policy Research, Inc.

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Overview

Identification

ID NUMBER

SLV_2009-2011_PBSI_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Productive Development Project (PDP) was one of three large-scale projects financed under the 2006 compact between the Millennium Challenge Corporation (MCC) and the Government of El Salvador. The main objective of the PDP was to assist in the development of profitable and sustainable business ventures for poor individuals in El Salvador's Northern Zone. Between 2008 and 2012, the PDP used nearly \$72 million in allocated funds to serve over 13,500 participants and create more than 11,000 full-time equivalent jobs. The PDP comprised three activities: Production and Business Services (PBS), Investment Support, and Financial Services. The PBS Activity -- the subject of this impact evaluation and the largest of the three activities -- provided technical and material assistance to farmers and small-scale producers to support the Northern Zone's dairy, fruit, horticulture, handicrafts, tourism, forestry, and coffee sectors.

The design for the impact evaluation of the PBS Activity is a randomized rollout design, in which some producers were offered PBS assistance several months before other producers were offered similar assistance. The goal of this design is to attain the highest level of rigor possible without significantly altering existing implementation plans. The evaluation is limited to three value chains:

(1) handicrafts

(2) dairy

(3) horticulture

Among all value chains in the PBS, these three chains were most amenable to random assignment, and were expected to yield impacts in the one-year interim timeline specified for the evaluation. Treatment groups were offered PBS assistance in the first implementation phase (beginning in late 2009 for handicrafts and mid-2010 in the case of the dairy and horticulture chains) and control groups in the dairy and horticulture chains were offered PBS assistance roughly one year after the treatment group. As over 15,000 individuals had participated in the PBS Activity by August 2012, this evaluation sample of 1,736 individuals (518, 593, and 625 in the dairy, horticulture, and handicrafts chains, respectively) includes only 11 percent of the individuals served under the activity.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Households

Scope

NOTES

(a) DAIRY QUESTIONNAIRE

General information

Home

Dairy related activities

Milk expenses and income (individual)

Business practices

Household income

Home expenditures

Credit

The impact of dairy projects:

- General information
- Information about the cooperative / association
- Production and commercialization
- Information and marketing
- Problems with commercialization and technical assistance
- Group expenses and income

(b) VEGETABLE QUESTIONNAIRE

General information

Home

Horticultural activities

Crop matrix (summer and winter)

Agricultural expenses and income (individual and home)

Business practices

Household income

Home expenditures

Credit

Impact of vegetable projects:

- General information
- Information about the cooperative / association
- Production and commercialization
- Information and marketing
- Problems with commercialization and technical assistance
- Group expenses and income

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	

Coverage

GEOGRAPHIC COVERAGE

Regional

UNIVERSE

The survey covered producers in the handicraft, horticulture, and dairy value chains in the Northern Zone. On average, producers in the handicraft, horticulture, and dairy chain were 40, 45, and 50 years old, respectively.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Mathematica Policy Research, Inc.	

FUNDING

Name	Abbreviation	Role
Millennium Challenge Corporation	MCC	Financial assistance

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of metadata for FAM
Millennium Challenge Corporation	MCC	Food and Agriculture Organization	Documentation of the Study

DDI DOCUMENT VERSION

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Sampling

Sampling Procedure

For each value chain, a few weeks prior to the start of the first cycle, Chemonics provided Mathematica with lists of potential beneficiaries required for each value chain. The number of potential beneficiaries on these lists was determined by Chemonics' target number of participants for each implementation cycle, as well as Mathematica's preliminary calculations of the size of the impacts that the evaluation would be likely to detect with those sample sizes. Within the lists, producers were organized by groups - either the groups in which they already worked or new groups organized by Chemonics for training and assistance purposes. Then, for each value chain, Mathematica randomized the set of potential beneficiaries into two groups: the treatment group, which would be served in the first cycle, and the control group, which would be served in the second cycle. Groups and individuals designated as exceptions by Chemonics were excluded from randomization. Mathematica sent the randomized lists of assigned potential beneficiaries to Chemonics, and Chemonics informed producers of the start-date of their services.

Response Rate

89 percent

Weighting

Statistical weights cannot be used to make the evaluation results truly representative of all PBS participants. This is because the study population was not drawn randomly from the full range of geographic locations served under PBS. Furthermore, the study population was deemed to be eligible only under Phase I selection criteria, as opposed to a substantial portion of PBS beneficiaries, who met stricter Phase II eligibility standards.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2009-10	2010-05	Baseline
2010-11	2011-06	Follow- up

Data Collection Mode

Face-to-face [f2f]

Data Processing

No content available

Data Appraisal

No content available