

Ethiopia - Impact Evaluation of the Food Security Project for Poorer Rural Households in Ethiopia 2010

Markus Goldstein

Report generated on: June 29, 2023

Visit our data catalog at: <https://microdata.worldbank.org/index.php>

Identification

SURVEY ID NUMBER

ETH_2010_FSPIE_v01_M

TITLE

Impact Evaluation of the Food Security Project for Poorer Rural Households in Ethiopia 2010

COUNTRY/ECONOMY

| Name | Country code |
|----------|--------------|
| Ethiopia | ETH |

ABSTRACT

At the time of Appraisal of the Food Security Project, Ethiopia was a post-conflict state having just emerged from a two-year long armed conflict with Eritrea. Though the conflict resulted in a suspension of development assistance, an Interim Strategy Note (ISN) was put in place in November 2000 to guide the World Bank's post-conflict recovery program. This ISN guided much of the strategy for the Food Security Project's design. District governments, or woredas, were largely responsible for delivering services. Though the agricultural sector remained underemployed, it was still the largest sector of the economy, meaning there was little opportunity outside rural areas for non-farming activities. Poor rural households also lacked sufficient access to the microfinance sector. Droughts and food price escalation caused massive food insecurity for around 7-13 million people. The Food Security Project (FSP) wanted to shift assistance focus away from short term temporary fixes toward addressing long-term problems of food insecurity. The FSP was designed to comprise 5 components: (i) grants to communities and kebeles, including community-level assets building, household asset building and income generating activities, and child growth promotion; (ii) capacity building for woredas, regions, and federal ministries; (iii) food marketing initiatives, including improved management of food aid, establishment of a food market information system, development of a warehouse receipt and inventory credit system for traders, and development of a competitive and efficient market in warehousing services; (iv) communications and public education; and (v) project administration and impact evaluation. While these components were edited before the culmination of the project, they generally remained. The project development objective was to build the resource base of poorer rural households, increase their employment and incomes, and improve their nutrition levels, especially for children under five years of age, pregnant and lactating women. A major benefit of FSP participation is access to credit. Documented outcomes included: (i) small increase in the number of months FSP households were food secure and a small decrease in number of months of food consumption covered by own resources; (ii) positive effect on caregivers' knowledge of and behavior regarding child nutrition; (iii) FSP households slightly less likely to have had at least one shock in the last five years and less likely to have used savings or a loan to buy food; and (iv) FSP households reported an increase of off-farm work.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Households

Individuals

Scope

NOTES

The survey covered the following themes:

- Basic Household Characteristics: Household demographics, current household members; Characteristics of the household and the household head; Former household members; Children's education and activities
- Land, Crop and Forestry Production, and Disposition: Land characteristics and tenure; 2002 Meher crop production; 2002 Belg crop production; 2002 Perennial crops/forestry production; Household level supply and disposition of crops (annual and perennial), spices, and forestry products; Use of labor in agricultural production
- Household Assets: Household assets (non-land): production equipment, consumer durables; Housing; Livestock ownership; Income from livestock; Distress asset sales
- Income Apart from Own-Agricultural Activities and Credit: Wage employment; Own business activities; Transfers
- Access to WB/CIDA/Italy Food Security Project and Related Programs: Access to productive safety nets program - public works; Participation in other food security programs (OFSP); Perceptions of benefits of assets created by PSNP and other public works; Perceptions and participation of operations of the WB/CIDA/Italy FSP; Access to credit

- Consumption: Non-food expenditure on durables and services; Non-food expenditure on household consumables; Food consumption; Food availability, access and coping strategies
- Health, Illness, Shocks and Poverty Perceptions: Health status; Illness; Child Growth Promotion; Long term shocks and coping mechanisms; Shocks to crops and livestock; Perceptions of poverty and well-being

KEYWORDS

| Keyword |
|-------------------------|
| Food Security |
| Nutrition |
| Food Markets & Prices |
| Off-Farm Income |
| Rural Development |
| Child Health |
| Agriculture |
| Sustainable Development |

Coverage

GEOGRAPHIC COVERAGE

Rural Areas

UNIVERSE

The Food Security Project's (FSP) primary target groups were poor rural households, children under age 5, and pregnant and lactating women.

Producers and sponsors

PRIMARY INVESTIGATORS

| Name | Affiliation |
|------------------|----------------|
| Markus Goldstein | The World Bank |

Sampling

SAMPLING PROCEDURE

The dataset is a product of survey data. The questionnaire was administered by the CSA to 6,000 households in 240 kebeles of which 120 FSP kebeles were selected at random and then the nearest neighboring kebele which was not participating in FSP was also selected.

Within the non-FSP kebeles, 25 households were selected at random to participate in the survey. In FSP kebeles, a list was compiled of all FSP beneficiaries using FSP program records. From this list 17 households were selected at random to participate in the survey. In addition, among the population of non-beneficiaries, 8 households were selected at random for interviews.

This sampling structure provides two potential comparison groups to compare to FSP participants: non-beneficiaries within FSP kebeles and those residing in non-FSP kebeles.

Data Collection

DATES OF DATA COLLECTION

| Start | End | Cycle |
|------------|------------|-------|
| 2010-07-25 | 2010-09-29 | R1 |

TIME PERIODS

| Start date | End date | Cycle |
|------------|------------|-------|
| 2010-07-25 | 2010-09-29 | R1 |

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

Questionnaires

QUESTIONNAIRES

Module 1 - Basic Household Characteristics

S1A: Household demographics, current household members

S1B: Characteristics of the household and the household head

S1C: Former household members

S2: Children's education and activities

Module 2 - Land, Crop and Forestry Production, and Disposition

S1: Land characteristics and tenure

S2A: 2002 Meher crop production

S2B: 2002 Belg crop production

S2C: 2002 Perennial crops/forestry production

S3: Household level supply and disposition of crops (annual and perennial), spices, and forestry products

S4: Use of labor in agricultural production

Module 3 - Household Assets

S1: Household assets (non-land): production equipment, consumer durables

S2: Housing

S3: Livestock ownership

S4: Income from livestock

S5: Distress asset sales

Module 4 - Income Apart from Own-Agricultural Activities and Credit

S1: Wage employment

S2: Own business activities

S3: Transfers

Module 5 - Access to WB/CIDA/Italy Food Security Project and Related Programs

S1: Access to productive safety nets program - public works

S2: Participation in other food security programs (OFSP)

S3: Perceptions of benefits of assets created by PSNP and other public works

S4: Perceptions and participation of operations of the WB/CIDA/Italy FSP

S5: Access to credit

Module 6 - Consumption

S1: Non-food expenditure on durables and services

S2: Non-food expenditure on household consumables

S3: Food consumption

S4: Food availability, access and coping strategies

Module 7 - Health, Illness, Shocks and Poverty Perceptions

S1: Health status

S2: Illness

S3: Child Growth Promotion

S4: Long term shocks and coping mechanisms

S5: Shocks to crops and livestock

S6: Perceptions of poverty and well-being

Access policy

CONTACTS

| Name | Affiliation | Email |
|--------------------|-------------|--------------------------|
| Markus Goldstein | World Bank | mgoldstein@worldbank.org |
| Michael O'Sullivan | World Bank | mosullivan@worldbank.org |
| Microdata Library | World Bank | |

ACCESS AUTHORITY

| Name | Affiliation | URL |
|-------------------|----------------|-------------------------|
| Microdata Library | The World Bank | microdata.worldbank.org |

Metadata production

DDI DOCUMENT ID

DDI_ETH_2010_FSPIE_v01_M_WB

PRODUCERS

| Name | Abbreviation | Affiliation | Role |
|----------------------------------|--------------|----------------|----------------------------|
| Development Economics Data Group | DECDG | The World Bank | Documentation of the Study |

DATE OF METADATA PRODUCTION

2017-07-27

DDI DOCUMENT VERSION

Version 01 (July 2017)

Data Dictionary

| Data file | Cases | Variables |
|---|-------|-----------|
| fsp_cgp_neighbor_anonymized FSPIE 2010 Food Security Program CGP data. | 6000 | 17 |
| m1s2a_anonymized FSPIE 2010 Data on Household Demographics, current household members | 32670 | 18 |
| m1s2b FSPIE 2010 Data on Household Demographics | 957 | 9 |
| m1s2b_c_anonymized FSPIE 2010 Data on Household Demographics: Characteristics of the household and the household head | 6000 | 30 |
| m1s2c FSPIE 2010 Data on Household Demographics: Former household members. | 1996 | 13 |
| m1s3 FSPIE 2010 Data on Household Demographics: Children's education and activities | 17187 | 21 |
| m2s2 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 19168 | 25 |
| m2s3a1 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 32471 | 20 |
| m2s3a2 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 25906 | 24 |
| m2s3b1 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 4160 | 20 |
| m2s3b2 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 4081 | 24 |
| m2s3c1 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 4848 | 20 |
| m2s3c2 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Land Characteristics and Tenure | 4492 | 24 |
| m2s4a FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Crop | 11332 | 16 |
| m2s4b FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Crop | 7338 | 14 |
| m2s4c FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Crop | 12258 | 13 |
| m2s4d FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Crop | 5960 | 16 |
| m2s5 FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition. | 15423 | 20 |
| m2s6a FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Use of Labor in Agricultural Production | 10689 | 12 |

| | | |
|--|--------|----|
| m2s6b FSPIE 2010 Data on Land, Crop, Forestry Production, and Disposition: Use of Labor in Agricultural Production | 5918 | 10 |
| m3s2 FSPIE 2010 Data on Household Assets: Non-land production equipment. | 163217 | 13 |
| m3s3 FSPIE 2010 Data on Household Assets: Non-land consumer durables | 7831 | 13 |
| m3s4 FSPIE 2010 Data on Household Assets: Housing | 5997 | 10 |
| m3s5 FSPIE 2010 Data on Household Assets: Livestock ownership | 29033 | 16 |
| m3s6 FSPIE 2010 Data on Household Assets: Income from livestock | 35712 | 12 |
| m3s7 FSPIE 2010 Data on Household Assets: Distress asset sales | 5996 | 27 |
| m4q1 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: wage employment | 5975 | 8 |
| m4q2 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: wage employment. | 5975 | 8 |
| m4q3 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: Transfers | 5895 | 8 |
| m4q4 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: Transfers. | 2922 | 8 |
| m4s1 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: Wage employment. | 1536 | 13 |
| m4s2 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: Wage employment. | 1546 | 20 |
| m4s3 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: own businesses activities. | 1980 | 24 |
| m4s3b FSPIE 2010 Data on Income apart from own-agricultural activities and credit: own businesses activities. | 1671 | 9 |
| m4s4 FSPIE 2010 Data on Income apart from own-agricultural activities and credit: transfer | 1631 | 14 |
| m4s4b FSPIE 2010 Data on Income apart from own-agricultural activities and credit: transfer | 1150 | 14 |
| m5q42 FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: safety nets program | 3315 | 8 |
| m5s2 FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: safety nets program - public works | 5645 | 24 |
| m5s2b FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: safety nets program - public works | 4605 | 8 |
| m5s3 FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: participation in other components of the Other Food Security Programs (OFSP) | 4008 | 27 |

| | | |
|--|--------|----|
| m5s4 FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: Perceptions and participation of operations of the WB/CIDA/Italy Food Security Project. | 3315 | 22 |
| m5s4b FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: Access to credit | 1910 | 14 |
| m5s5 FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: Access to Credit | 5950 | 20 |
| m5s5a FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: Access to Credit | 2862 | 18 |
| m5s5b FSPIE 2010 Data on Access to WB/CIDA/Italy Food Security Project and related programs: Access to Credit | 2806 | 16 |
| m5s6_anonymized FSPIE 2010 Data on Health, Illness, Shocks and Poverty Perception: Childr growth promotion. | 1730 | 65 |
| m6s2 FSPIE 2010 Data on Consumption: Non-food expenditures - Consumer durables | 59525 | 17 |
| m6s3 FSPIE 2010 Data on Consumption: Non-food expenditures - Household consumables | 38087 | 11 |
| m6s4 | 44090 | 22 |
| m6s4a FSPIE 2010 Data on Food Consumption | 5997 | 12 |
| m6s4b FSPIE 2010 Data on Food Consumption. | 1848 | 13 |
| m6s5a FSPIE 2010 Data on Food Availability, Access, and Coping Strategies. | 10484 | 19 |
| m6s5b FSPIE 2010 Data on Food Availability, Access, and Coping Strategies. | 5999 | 38 |
| m7s2 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Health status. | 15823 | 18 |
| m7s3 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Illness. | 15737 | 19 |
| m7s4 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Long term shocks and coping mechanisms | 161644 | 16 |
| m7s5 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Shocks to crops and livestock | 5997 | 28 |
| m7s6 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Perceptions of poverty and well-being | 6000 | 32 |
| m7s7 FSPIE 2010 Data on Health. Illness, Shocks and Poverty Perception: Long term shocks and coping mechanisms | 6000 | 16 |