

India - Incentivizing Sanitation Uptake and Sustainable Usage through Micro Health Insurance, Impact Evaluation 2017

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Identification

SURVEY ID NUMBER

IND_2017_ISUSUIE-EL_v01_M

TITLE

Incentivizing Sanitation Uptake and Sustainable Usage through Micro Health Insurance, Impact Evaluation 2017

SUBTITLE

Endline Survey

ABBREVIATION OR ACRONYM

ISUSUIE-EL 2017

COUNTRY/ECONOMY

Name	Country code
India	IND

STUDY TYPE

Other Household Survey [hh/oth]

SERIES INFORMATION

This impact evaluation consists of a baseline survey and an endline survey. The baseline survey was conducted in 2014 and can be located on the World Bank Microdata Library using the following link:

<https://microdata.worldbank.org/index.php/catalog/2295>. The endline survey is documented here.

ABSTRACT

This study has been designed to investigate innovative ways of increasing the uptake and usage of safe sanitation and to provide evidence on the links between improved sanitation and health insurance. It does so by studying two distinct but linked projects.

Component 1 promotes the take up of improved sanitation with microfinance loans provided by Grameen Koota in rural Maharashtra. Social mobilization will be conducted by the NGO Navya Disha. These interventions aim to improve health and reduce health care costs of the poor in rural India, potentially reflected in lower health insurance claim volumes.

Component 2 proposes to explore primary community health insurance provided to communities that become open defecation free (ODF), conditional on sustaining their ODF status. If this is successful, the evidence will be strong advocacy material to encourage insurance companies to promote similar products at low rates throughout India, improving the sustainability of ODF.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

- Villages
- Households

Version

VERSION DESCRIPTION

v01: Edited, anonymous datasets for public distribution

Scope

NOTES

The scope of this study includes:

Villages:

- Population, area, location
- Transportation
- Infrastructure
- Political economy
- Community activities
- Sources of water and sanitation, waste disposal
- Shocks
- Prices

Households:

- General household characteristics/household roster
- Education
- Dwelling
- Individual sanitation behaviour
- Income generating activities
- Total household income
- Own or family owned business or farm
- Household sanitation
- Water
- Consumption
- Assets
- Savings
- Credit
- Health care utilization
- Household economic shocks and risks
- Insurance

Men and Women:

- Household decision making
- Personal hygiene
- Sanitation preferences and beliefs
- Health
- Credit and savings
- Memberships and political activity
- Social networks
- Children
- Care practices for diarrhoea
- Health knowledge
- Anthropometrics

KEYWORDS**Keyword**

Government Subsidies, Microfinance, Swachh Bharat Mission, SBM, Sanitation, Health Insurance, India

Coverage

GEOGRAPHIC COVERAGE

120 Gram Panchayats in two Districts in Maharashtra, Nanded and Latur.

GEOGRAPHIC UNIT

Gram Panchayat

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
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Orazio Attansio	Institute of Fiscal Studies, University of London
Britta Augsburg	Institute of Fiscal Studies, University of London

PRODUCERS

Name	Affiliation	Role
Jane Bevan	Water and Sanitation Program, World Bank	Task Team Leader

FUNDING AGENCY/SPONSOR

Name	Abbreviation
Strategic Impact Evaluation Fund	SIEF

Sampling

SAMPLING PROCEDURE

This evaluation is based on a 'cluster randomized controlled trial'. The study started off by determining the set of 120 Gram Panchayats (GPs) to consider as part of the evaluation and then to randomly allocate each of these to the three different evaluation arms. The second step was the randomization of the 120 GPs to one of three evaluation arms. Randomization was stratified by branch and by size of the GP (size in terms of number of households). The study stratified not only at the GP-level randomization, but also when selecting the sample of survey respondents. Study households were stratified by (i) whether a client lived in the household and (ii) whether a child under the age of two years lived in the household. All client households interviewed at the baseline (around 1,800) were included in the endline sample of client survey, referred to as the 'panel client household'.

To limit sample loss due to attrition for the endline survey from the baseline survey, the study tracked households if they moved (i) within the GP where they lived at baseline, and (ii) to another GP in the study area. 2,400 additional households were selected among clients already active at baseline and belonging to those lending groups (kendra) where at least one client household was interviewed for the baseline survey. Overall, they sampled around 75% of all 5,350 active at the time of the baseline survey.

As was the case with client households interviewed at baseline, they also revisited all non-client households interviewed at the baseline (around 1,800) for the endline survey. They supplemented the original non-client households with a sample of households living close to a random sample of client households (which we refer to as the index households). They surveyed around 8 - 9 index households per GPs according to the size of the client population in that GP, for a total of 1,000 index households and 5,000 neighbor households from the same 120 GPs.

As mentioned above, panel households were tracked within the GP and in other GPs within the study area to limit attrition. The attrition rate for the whole panel sample was on average 4% (2% and 6% among non-clients and clients respectively), between the baseline and endline surveys.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2017-08-01	2018-01-01	Endline Survey

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTORS

Name
Nielsen India (PVT) Ltd

Questionnaires

QUESTIONNAIRES

The data was collected using the following survey instruments:

- Client Questionnaire
- Community (Village) Questionnaire
- Household (Clients) Questionnaire
- Household (Non-Clients) Questionnaire
- Mason Questionnaire
- Non-Client (Neighbours) Questionnaire
- Non-Client Index (Neighbours) Questionnaire
- Swachh Bharat Mission (SBM) Village Questionnaire

The questionnaires are provided in English and are made available for download [here](#).

Access policy

CONTACTS

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ACCESS CONDITIONS

Public Access

CITATION REQUIREMENTS

Use of the dataset must be acknowledged using a citation which would include:

- the Identification of the Primary Investigator
- the title of the survey (including country, acronym and year of implementation)
- the survey reference number
- the source and date of download

Example:

Orazio Attansio and Britta Augsburg, Institute of Fiscal Studies, University of London. India - Incentivizing Sanitation Uptake and Sustainable Usage through Micro Health Insurance, Impact Evaluation 2017, Endline Survey. Ref: IND_2017_ISUSUIE-EL_v01_M. Dataset downloaded from [URL] on [date].

ACCESS AUTHORITY

Name	Affiliation	Email	URL
Strategic Impact Evaluation Fund	The World Bank Group	siefimpact@worldbank.org	Link

LOCATION OF DATA COLLECTION

World Bank Microdata Library

Disclaimer and copyrights

DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Metadata production

DDI DOCUMENT ID

DDI_IND_2017_ISUSUIE-EL_v01_M_WB

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank Group	Documentation of the study

DATE OF METADATA PRODUCTION

2023-11-15T05:00:00.000Z

DDI DOCUMENT VERSION

Version 01 (November 2023)

Data Dictionary

Data file	Cases	Variables
Client_Anonymized_oct23 This dataset includes data that corresponds with the Client Questionnaire.	4202	671
Community_Anonymized_oct23 This dataset includes data that corresponds with the Community (Village) Questionnaire.	120	569
HH_Client_Anonymized_oct23 This dataset includes data that corresponds with the Household (Clients) Questionnaire.	4222	3571
HH_NonClient_Anonymized_oct23 This dataset includes data that corresponds with the Household (Non-Clients) Questionnaire.	1770	2500
Index_form_Anonymized_oct23 This dataset includes data that corresponds with the Non-Client Index (Neighbours) Questionnaire.	1001	44
Mason_Anonymized_oct23 This dataset includes data that corresponds with the Mason Questionnaire.	121	537
Non_client_Anonymized_oct23 This dataset includes data that corresponds with the Non-Client (Neighbours) Questionnaire.	6006	437
SBM_Anonymized_oct23 This dataset includes data that corresponds with the Swachh Bharat Mission (SBM) Village Questionnaire.	121	390