

Burkina Faso - Results-Based Financing Impact Evaluation Health Facility 2017, Endline Survey

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Overview

Identification

ID NUMBER

BFA_2017_HRBFIE-FEL_v01_M

Version

VERSION DESCRIPTION

The baseline survey on Impact Evaluation (IE) for Health Performance-Based Financing (PBF) in Burkina Faso was conducted in six regions of Burkina Faso from April to June 2017.

PRODUCTION DATE

2017-07-01

Overview

ABSTRACT

The endline survey of the impact evaluation for Health Performance-Based Financing (PBF) in Burkina Faso was conducted in six regions of Burkina Faso from April to June 2017.

The main objective of the impact evaluation is to assess the impact of the PBF intervention on quality of care and health care utilization for Maternal, Newborn and Child Health services, while the baseline survey provides the empirical foundation for the assessment of impacts on a large variety of indicators. The baseline data collection for the impact evaluation took place between October 2013 and March 2014.

The impact evaluation innovates by assessing the combination of PBF with two sets of additional measures to enhance equity, community-based targeting of the ultra-poor and subsidization of health services provided to them; and community-based health insurance. PBF was implemented at the district level in both primary- and secondary-level health facilities - with control districts in the same regions. The study used a blended experimental and quasi-experimental design, including both randomization of the standard PBF and PBF plus the additional equity measures at the facility-level within PBF districts to test the effects of these equity measures on outcomes of interest (experimental part), and a comparison of PBF districts to matched control districts to test the effects of PBF (pooled across all intervention arms with and without equity measures) compared to status quo (quasi-experimental part).

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Health facility

Scope

NOTES

537 primary-level and 24 secondary-level facilities in the 12 intervention and 12 comparison districts. The facility-based survey comprised different tools for data collection with different data sources and respondents: Health facility records, providers' questionnaire, direct observations (curative consultations of under-5 and antenatal consultations), exit interviews (curative consultations and antenatal consultations)

Coverage

GEOGRAPHIC COVERAGE

12 intervention and 12 comparison districts across six regions: Centre-Nord, Nord, Sud-Ouest, Centre-Est, Boucle du Mouhoun, Centre-Ouest

UNIVERSE

All health facilities

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

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Manuela de Allegri	University of Heidelberg
Herve Hien	Centre Muraz
Paul Jacob Robyn	World Bank

OTHER PRODUCER(S)

Name	Affiliation	Role
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Saidou Hamadou	World Bank	Survey Expert

FUNDING

Name	Abbreviation	Role
World Bank, Health Results Innovation Trust Fund		Funding agency

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Ministry of Health	Government of Burkina Faso	Implementer

Metadata Production

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION

2019-08-14

DDI DOCUMENT VERSION

Version 01 (August 2019)

DDI DOCUMENT ID

DDI_BFA_2017_HRBFIE-FEL_v01_M

Sampling

Sampling Procedure

The survey covered a total of 24 districts across 6 regions, 12 intervention districts and 12 control districts. All health facilities in intervention districts were included in the study. In control districts, a random sample of health facilities was drawn for an intervention-control facility ratio of approximately 3:1.

In 8 intervention districts across 4 regions (Batié, Diébougou, Ouargaye, Tenkodogo, Kaya, Kongoussi, Gourcy, and Ouahigouya), health facilities were randomized to receive either the standard PBF (T1), PBF with systematic targeting and subsidization for the ultra-poor (T2), or PBF with systematic targeting, subsidization for the ultra-poor, and additional provider incentives to provide services to the ultra-poor (T3).

In intervention districts in the Boucle du Mouhoun region (Nouna and Solenzo), health facilities randomized into 2 groups: standard PBF (T1) or PBF plus community-based health insurance and systematic targeting and subsidization for the poor and (T4).

In the intervention districts in region 6 (Kuodougou, Sapouy), all health facilities received the standard PBF model (T1).

As referral hospitals to all facilities in their respective districts, all hospitals (CM, CMA, CHR) in districts where randomization happened received T2.

The randomization happened during public ceremonies in each region. All health personal from the regional level (Direction Régionale de la Santé (DRS), District level (Equipe Cadre de District, (ECD)) and local level (health facilities and district hospital) were invited to participate.

Detailed information about randomization is available in the attached report.

Deviations from Sample Design

None

Response Rate

100%, the health facility sample was a fully balanced panel

Questionnaires

Overview

The survey instruments are based on HRITF Impact Evaluation Toolkit templates. The facility-based survey comprised different tools for data collection with different data sources and respondents.

The following questionnaires/forms were implemented:

- Facility assessment module (Questionnaire F1)
- Health worker interview module (Questionnaire F2)
- Observations of patient-provider interaction module (Questionnaires F3 and F5)
- Patient exit interviews (Questionnaires F4, F6 and F7)

Data Collection

Data Collection Dates

Start	End	Cycle
2017-04-01	2017-06-30	Endline

Data Collection Mode

Computer Assisted Personal Interview [capi]

Questionnaires

The survey instruments are based on HRITF Impact Evaluation Toolkit templates. The facility-based survey comprised different tools for data collection with different data sources and respondents.

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- Facility assessment module (Questionnaire F1)
- Health worker interview module (Questionnaire F2)
- Observations of patient-provider interaction module (Questionnaires F3 and F5)
- Patient exit interviews (Questionnaires F4, F6 and F7)

Data Collectors

Name	Abbreviation	Affiliation
Centre Muraz		Ministry of Health

Supervision

University of Heidelberg, Institute of Public Health and World Bank

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

Documentation

Questionnaires

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F1: Questionnaire d'Évaluation des Formations Sanitaires
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f1_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F2: Questionnaire Individuel pour l'Agent de Santé
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f2_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F3: Observation Directe de la Consultation Prénatale
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f3_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F4: Observation Directe de Consultations d'Enfants de Moins de 5 ans
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f4_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F5: Entrevue en sortie de Consultation Prénatales (CPN)
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f5_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F6: Entrevue en sortie de Consultation - Enfants de moins de 5 ans
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f6_v2.2.xls

Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires

Title Enquête Finale pour l'Évaluation d'Impact du Financement Basé sur les Résultats 2017, Questionnaire Destiné aux Formations Sanitaires
 subtitle F7: Entrevue en sortie de Consultation - Ages de 5 ans et plus
 Author(s) Centre Muraz Université Heidelberg World Bank Group
 Country Burkina Faso
 Language French
 Filename f7_v2.2.xls

Reports

Results-Based Financing for Health Impact Evaluation in Burkina Faso, Results report

Title Results-Based Financing for Health Impact Evaluation in Burkina Faso, Results report
 Author(s) Manuela De Allegri, Julia Lohmann, and Michael Schleicher, with contributions from Stephan Brenner and Jean-Louis Koulidiati Institute of Public Health, Heidelberg University
 Country Burkina Faso
 Language English

	0. Executive summary	1
	1. Background	4
	1.1. Country context	4
	1.2. History of Performance-based Financing in Burkina Faso	4
	1.3. Intervention design	6
	1.4. Study objective and research questions	9
	2. Methods	10
	2.1. Study design	10
	2.2. Randomization	11
	2.3. Indicator selection	13
	2.4. Data sources	16
	2.5. Samples	18
	2.6. Analysis	24
	3. Results	32
Table of contents	3.1. Health workers' perceptions and knowledge of the intervention	32
	3.2. Presentation and interpretation of impact evaluation results	35
	3.3. Impact of PBF on human resources factors	38
	3.4. Impact of PBF on the health service quality	47
	3.5. Impact of PBF on the utilization of reproductive health care services ..	65
	3.6. Impact of PBF on the utilization of preventive child health services	78
	3.7. Impact of PBF on the utilization of curative health care services	85
	3.8. Impact of PBF on population health indicators	89
	4. Discussion	96
	5. References	102
	Appendix A: Potential sampling biases	106
	Appendix B: Parallel trend assumption	112
	Appendix C: Baseline balance tables	117
	Appendix D: Concurrent interventions	122
	Appendix E: Ex-post power calculations.....	124
	Appendix F: Detailed results	135
Filename	pbf_ie_bf_report_final_full.pdf	