

# Indonesia - Early Childhood Education and Development Impact Evaluation 2009, Round 1

**Ministry of Education and Culture, World Bank**

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# Overview

## Identification

### ID NUMBER

IDN\_2009\_ECED\_v01\_M

## Version

### VERSION DESCRIPTION

v01

### PRODUCTION DATE

2014-01-15

### NOTES

The survey was conducted on March until April 2009 while in Lombok tengah survey was conducted on June. The World Bank also readministered the survey in Bengkulu on June 2009 and in Sarolangun from October to December 2009.

The first version of the catalog was completed in May 2013. The second version is based on the latest data cleaning for public distribution per January 2014.

## Overview

### ABSTRACT

The aim of the trial is to evaluate a community based early education and development program launched by the Department of Non-Formal Education Ministry of National Education. The program was developed in collaboration with the World Bank with a total budget of US\$127,000,000 and targets an estimated 738,000 children aged 0 to 6 living in approximately 6,000 poor communities (dusuns). The aim of the program is to increase access to early childhood services with the secondary aim of improving school readiness.

### KIND OF DATA

Sample survey data

### UNITS OF ANALYSIS

Child/student

Caregiver

Heads of villages

Health provider

Education service provider

### TOPICS

Topic	Vocabulary	URI
ECED		

### KEYWORDS

Early childhood, education, development, outcomes

## Coverage

### GEOGRAPHIC COVERAGE

Village level (310 villages in 9 of 34 provinces).

### UNIVERSE

The survey included children aged 1 to 4 years in 2009, caregivers, random sample of classmates, heads of villages, health service providers, and education service providers.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Ministry of Education and Culture	
World Bank	

### OTHER PRODUCER(S)

Name	Affiliation	Role
Education Cluster, Human Development Sector	World Bank	Survey and data analysis

### FUNDING

Name	Abbreviation	Role
Ministry of Education and Culture	MoEC	
Governement of Kingdom of Netherlands	GoN	
World Bank	WB	

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Mayla Safuro	MS	World Bank	Documentation of the study
Husnul Rizal	HR	World Bank	Data analyst

### DDI DOCUMENT ID

DDI\_IDN\_2009\_ECED\_v01\_M\_WB

# Sampling

## Sampling Procedure

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The trial was a pragmatic cluster (by village) randomized controlled trial with an additional matched control group. Sampling included 310 villages in the following 9 districts:

1. Bengkulu, Bengkulu Province
2. Sarolangun, Jambi Province
3. Lampung Timur, Lampung Province
4. Majalengka, Jawa Barat Province
5. Rembang, Jawa Tengah Province
6. Kulon Progo, DI Yogyakarta Province
7. Ketapang, Kalimantan Barat Province
8. Sidenreng Rappang, Sulawesi Selatan Province
9. Lombok Tengah, Nusa Tenggara Barat Province

It was planned that batch 1 would receive the first block grants at the start of the project. Block grants for batch 2 and batch 3 were to follow after nine and eighteen months respectively. A selection of villages was randomly allocated to either batch 1 or batch 3 (within each district), this sampling feature was used during the evaluation design.

Of the 310 villages, 100 were originally allocated to the intervention arm, 20 were originally allocated to a nine month delay staggered start, 100 were originally allocated to an 18 month delay staggered start, and 90 villages were allocated to a matched control group (no intervention).

A panel survey cohort methodology, collecting data several times from the same respondent during a specified time, was used. The analysis identifies children based on their age in baseline (2009) which consists of two cohorts: the first cohort consists of children aged 12 to 23 months and the second consists of children aged 48 to 59 months.

## Deviations from Sample Design

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In December 2008, the team uncovered that five districts had not complied with the village level randomization. Specifically, this meant that these districts took action to implement the project in an order that was different to what was originally agreed to with MoNE and the World Bank in 2006. The impact evaluation team decided to drop the survey work in the district (Gorontalo). Therefore, the sample of 30 villages that were originally allocated to Gorontalo were replaced by villages in East Lombok and all 60 project villages in East Lombok were included in the study sample, thus increasing the total sample size by 10 villages, to 310.

# Questionnaires

## Overview

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There are six types of questionnaires:

1. Village Head (Book A)
2. Household (Book B)
3. Child (Book C)
4. Caregiver (Book D)
5. Village Midwife (Book E)
6. Posyandu Cadre (Book F)

## Data Collection

### Data Collection Dates

Start	End	Cycle
2009-03-01	2009-04-30	N/A

### Data Collection Mode

Face-to-face

### Data Collection Notes

Data collection in Lombok went into June due to some delays because the sample was over double that of the other districts. Because it was discovered that data were falsified in Sarolangun and Bengkulu, the World Bank hired a team to re-administer surveys in Bengkulu in June 2009 and in Sarolangun from October to December 2009.

## Questionnaires

There are six types of questionnaires:

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2. Household (Book B)
3. Child (Book C)
4. Caregiver (Book D)
5. Village Midwife (Book E)
6. Posyandu Cadre (Book F)

### Data Collectors

Name	Abbreviation	Affiliation
Field Team Survey		World Bank

## Supervision

The core team routinely did supervision in project districts. They also aimed to evaluate and report the progress of field surveys.

## Data Processing

### Data Editing

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Data entry, double entry, and data cleaning was done by Entry Data Team.

### Other Processing

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Mayla Safuro  
Husnul Rizal  
John Sikumbang

## Data Appraisal

No content available





# Documentation

## Questionnaires

### ECED 2009 - Village Head Questionnaire (en)

Title	ECED 2009 - Village Head Questionnaire (en)
Author(s)	World Bank
Date	2009-03-15
Country	Indonesia
Language	English
Contributor(s)	World Bank
Publisher(s)	World Bank
Description	<p>The Village Head Questionnaire for the 2009 first round survey aims to collect information on demographic characteristics, availability of health and educational services, and history of the village.</p> <p>Below are the sections of the questionnaire:</p> <ul style="list-style-type: none"> <li>a. Cover (Section COV)</li> <li>b. Location description (Section LK)</li> <li>c. Respondent characteristics (Section KR)</li> <li>d. Demographic information (Section IF)</li> <li>e. Administrative area (Section DN)</li> <li>f. Village Representative Board (Section PD)</li> <li>g. Historical events (Section SP)</li> <li>h. Community participation (Section PM)</li> <li>i. Health facilities (Section FKS)</li> <li>j. Educational facilities (Section FPD)</li> <li>k. Water and sanitation (Section AS)</li> </ul>
Table of contents	
Filename	ECED 2009 - Village Head Questionnaire (en).pdf

### ECED 2009 - Household Questionnaire (id\_en)

Title	ECED 2009 - Household Questionnaire (id_en)
Author(s)	World Bank
Date	2009-04-13
Country	Indonesia
Language	English
Contributor(s)	World Bank
Publisher(s)	World Bank
Description	<p>The Household Questionnaire for the 2009 first round survey aims to collect information on household characteristics, for example profiles of household members, household assets, household consumption, health history of household members, and participation in community programs.</p> <p>Household head is the preferred person to answer this questionnaire since he/she is the one whom assumed to know the most about the household condition.</p>

Below are the sections of the questionnaire:

Table of contents	a. Cover (Section COV)
	b. Location description (Section LK)
	c. Member of household (Section AR)
	d. Household characteristics (Section KR)
	e. Consumption (Section KS)
	f. Household assets (Section HR)
	g. Household disturbance (Section GE)
	h. Health insurance (Section AK)
	i. Community participation (Section PM)
	j. Assistance from other people (Section H)
	k. Revisit information (Section KL)
Filename	ECED 2009 - Household Questionnaire (id_en).pdf

## ECED 2009 - Child Questionnaire (id\_en)

Title	ECED 2009 - Child Questionnaire (id_en)
Author(s)	World Bank
Country	Indonesia
Language	English
Contributor(s)	World Bank
Publisher(s)	World Bank
Description	The Child Questionnaire for the 2009 first round survey aims to collect information on child growth and development. The respondents are the children aged 1 until less than 2 years old and children aged 2 until less than 4 years old (at the time of the interview). In the last session of the interview, the child is asked to do some tests, for example drawing a house/body parts and card sorting games.
Table of contents	Below are the sections of the questionnaire:
	a. Cover (Section COV)
	b. Caregiver identity (Section ID)
	c. Health indicator (Section IK)
	d. Child test
	- Soft motor skills (Section MH) - Language skills (Section KB) - Card sorting game
Filename	ECED 2009 - Child Questionnaire (id_en).pdf

## ECED 2009 - Caregiver Questionnaire (id\_en)

Title	ECED 2009 - Caregiver Questionnaire (id_en)
Author(s)	World Bank
Date	2009-03-24
Country	Indonesia
Language	English
Contributor(s)	World Bank
Publisher(s)	World Bank
Description	The Caregiver Questionnaire for the 2009 first round survey aims to collect information on caregiver and child activities, for example health history, parenting practices, and child growth/development. The questions are asked to the person who cares for the child most of the time (e.g. parents, grandparents, or another person).

Below are the sections of the questionnaire:

- a. Cover (Section COV)
- b. Location description (Section LK)
- c. Respondent identity (Section ID)
- d. Health history (Section RK)
- e. Immunization (Section IM)
- f. Weight measurement (Section GB)
- g. Health services (Section PS)
- h. Nutrition (Section NA)
- i. Activities at home (Section AD)
- j. Early childhood health and education (Section PF)
- k. Parental history (Section E)
- l. Health condition (Section KK)
- m. Knowledge about mother and child health (Section PK)
- n. Parenting practices (Section PP)
- o. Child growth/development (Section PA)

Table of contents

Filename ECED 2009 - Caregiver Questionnaire (id\_en).pdf

## ECED 2009 - Village Midwife Questionnaire (en)

Title ECED 2009 - Village Midwife Questionnaire (en)

Author(s) World Bank

Date 2009-03-15

Country Indonesia

Language English

Contributor(s) World Bank

Publisher(s) World Bank

Description The Village Midwife Questionnaire for the 2009 first round survey aims to collect information on availability of ECED services at the village level. The respondents are village midwives in the sampled villages. There is a probability that one person can answer more than one questionnaire because in some cases, they (midwives) are often officiates in different villages.

Below are the sections of the questionnaire:

- a. Cover (Section COV)
- b. Location description (Section LK)
- c. Respondent identity (Section ID)
- d. Geographic information (Section IF)
- e. ECED services (Section IP)

Table of contents

Filename ECED 2009 - Village Midwife Questionnaire (en).pdf

## ECED 2009 - Posyandu Cadre Questionnaire (en)

Title ECED 2009 - Posyandu Cadre Questionnaire (en)

Author(s) World Bank

Date 2009-03-15

Country Indonesia

Language English

Contributor(s) World Bank

Publisher(s) World Bank

Description The Posyandu Cadre Questionnaire for the 2009 first round survey aims to collect information on demographic information, Posyandu Cadre profile, and the Posyandu activities. The respondent is the Posyandu Cadre who has deeper understanding of its service center.

Below are the sections of the questionnaire:

- a. Cover (Section COV)
- b. Location description (Section LK)
- c. Respondent identity (Section ID)
- d. Geographic information (Section IF)
- e. ECED services (Section IP)

Table of contents

Filename ECED 2009 - Posyandu Cadre Questionnaire (en).pdf

## Technical documents

### ECED 2009 - Baseline Manual

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Title ECED 2009 - Baseline Manual  
 Country Indonesia  
 Language Indonesian  
 Filename Manual Baseline 200900307.pdf

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### ECED 2009 - Lampiran 1

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Title ECED 2009 - Lampiran 1  
 Country Indonesia  
 Language Indonesian  
 Filename Lampiran 1.pdf

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### ECED 2009 - Lampiran 3: Daftar ID Desa + Kelurahan Sampel

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Title ECED 2009 - Lampiran 3: Daftar ID Desa + Kelurahan Sampel  
 Country Indonesia  
 Language Indonesian  
 Filename Lampiran 3. Daftar ID Desa+Kelurahan Sampel\_20090318.xls

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### ECED 2009 - Form P1: Rekapitulasi HASil Wawancara dan Entri

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Title ECED 2009 - Form P1: Rekapitulasi HASil Wawancara dan Entri  
 Country Indonesia  
 Language Indonesian  
 Filename Form P1. Rekapitulasi Hasil Wawancara dan Entri.pdf

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### ECED 2009 - Form 2: Tingkat Pencapaian

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Title ECED 2009 - Form 2: Tingkat Pencapaian  
 Country Indonesia  
 Language Indonesian  
 Filename Form 2. Tingkat Pencapaian.pdf

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### ECED 2009 - Early Development Instrument (EDI) Scoring Note

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Title ECED 2009 - Early Development Instrument (EDI) Scoring Note  
 Country Indonesia  
 Language English  
 Filename Early Development Instrument.pdf

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