Madagascar 2006-2007 PETS Education Data Use Guide

Using the Madagascar PETS Data Set

Introduction

The objective of the first and second round of the study was to study if and when budgets, material and salaries arrived at the basic facility level. This study is based on primary data collected in a nation-wide survey. This information will help decision makers to improve their knowledge on the functioning of the sector and thus to address bottlenecks towards better service delivery.

This survey data results are based on primary data collected in Madagascar in a nation-wide budget tracking survey. Two rounds of survey were conducted. The first round was conducted in October/November 2006 and the second round of a survey was carried out in April/May 2007 which covers total 252 schools. Madagascar counts 22 regions and 111 districts and at least one district was visited in each region. Two districts were selected in the six largest regions. Hence, 28 districts were visited in total. Within each commune, three public primary schools were randomly selected.

Finally, it is noteworthy that due to the closure of schools in the second round period, the second round of data collection faced greater challenges to collect the data and therefore results are less robust for the second round.

Table 1: Structure of the sample

Province	No of public primary schools
Antananarivo	54
Fianarantsoa	63
Toamasina	36
Mahajanga	45
Toliara	36
Antsiranana	18
Total	252

Source: World Bank/UNICEF, PETS Nov. 2006 & May 2007, Madagascar.

Information was collected at the district level in order to track different resource flows from the decentralized district facility levels to the schools. In addition to the previous survey, payroll data were gathered at the Ministry of Education level. Information was collected on absenteeism, resource use and delivery processes. A staff questionnaire was also administered.

Using the Madagascar Data Files

The Madagascar data set is composed of 17 distinct files for the first round and 15 datasets for the second round. The files cover surveys of the first and second visits of schools (« ecole 1er jour » and « ecole 2ème jour »), cisco and teacher ("enseignant").

For school datasets, the unique identifier is either the school facility code (codecole) or a teacher identifier (ID). For staff datasets, the identity code (ID) is the unique identifier.
For the cisco datasets, the cisco code (either cisco or ID) is the unique identifier.

Data Description

First round:

Folder	FILE	OBSERVATIONS	DESCRIPTION
Cisco	A_B_C	28 cisco	This file contains information on the number of schools in the cisco and financial resources
	D_E_F	28 cisco	This file contains information on material resources
	G1_caisse_ecole	28 cisco	This file contains information on "caisse ecole"
	G2_kits_materiels	28 cisco	This file contains information on material resources sent to schools
	G3_manuels	28 cisco	This file contains information on books sent to schools
	entete_cisco	28 cisco	This file contains information on the time of the surveys, enumerators and respondents.
Ecole_1er_jour	A_directeur	248 schools	This file contains information on the head teacher of the school concerning his education and activities at the school and outside the school
	B_ecole	248 schools	This file contains information on the time necessary to go to the school
	c_enseignants	248 schools	This file contains information on employees (skills, experience, training, salaries…).
	ecole_ferme	248 schools	This file indicates if the school was found closed when enumerators came to the school to undertake the survey.
	entete_directeur1	248 schools	This file contains information on the time of the surveys, enumerators and respondents.
Ecole_2e_jour	Caisse	243 schools	This file contains information on "caisse ecole" (financial and material resources)
	Ecole	243 schools	This file contains information on the number of pupil per classes by gender, school

			infrastructure and school budget.
	ecole_fermee	243 schools	This file indicates if the school was found closed when enumerators came to the school to carry out the survey.
	entete_directeur2	243 schools	This file contains information on the time of the surveys, enumerators and respondents.
Enseignant_ecole	enseignant	896 tachers	This file contains information on employees (skills, experience, training, salaries, and delays in wages…).
	entete_enseignant	243 schools	This file contains information on the time of the surveys, enumerators and respondents.

Second round:

Folder	FILE	OBSERVATIONS	DESCRIPTION
Cisco	A_B_C	28 cisco	This file contains information on the number of schools in the cisco and financial resources
	D_E_F	28 cisco	This file contains information on material resources
	G1_caisse_ecole	28 cisco	This file contains information on "caisse ecole"
	G2_kits_materiels	28 cisco	This file contains information on material resources sent to schools
	G3_manuels	28 cisco	This file contains information on books sent to schools
	entete_cisco	28 cisco	This file contains information on the time of the surveys, enumerators and respondents.
Ecole_1er_jour	A_directeur	248 schools	This file contains information on the head teacher of the school concerning his education and activities at the school and outside the school
	B_ecole	248 schools	This file contains information on the time necessary to go to the school
	c_enseignants	248 schools	This file contains information

			on employees (skills, experience, training and salaries…).
Ecole_2e_jour	entete_directeur1	248 schools	This file contains information on the time of the surveys, enumerators and respondents.
	Caisse	243 schools	This file contains information on "caisse ecole" (financial and material resources)
	Ecole	243 schools	This file contains information on the number of pupil per classes by gender, school infrastructure and school budget.
	entete_directeur2	243 schools	This file contains information on the time of the surveys, enumerators and respondents.
Enseignant_ecole	enseignant	896 teachers	This file contains information on employees (skills, experience, training, salaries, and delays in wages…).
	entete_enseignant	243 schools	This file contains information on the time of the surveys, enumerators and respondents.

The data files (raw and corrected) are provided in Stata10 © format. Other available files include the survey questionnaire, a codebook for each data file and the correction do-file applied to each data file.