

KINGDOM OF CAMBODIA

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SAS Subproject for Improvement of Statistical Technology in Provincial Departments of Planning

- JICA Project on Improving Official Statistics in Cambodia Phase III -

National Institute of Statistics, Ministry of Planning Phnom Penh, Cambodia

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SAS Subproject for Improvement of Statistical Technology in Provincial Departments of Planning

Introduction

1. SAS Subproject

The Small Area Statistics Subproject for Improvement of Statistical Technology (hereinafter referred to as "the SAS Subproject") in the Provincial Departments of Planning (hereinafter referred to as "the PDPs") is one of the most important activities executed under the "JICA Project on Improving Official Statistics in Cambodia (Phase 3)".

The SAS Subproject is carried out for a period of three years beginning from April 2011 covering all provinces in the Kingdom of Cambodia mainly for strengthening information and communication technologies (hereinafter referred to as "ICT") and improving technologies of tabulation, analysis and dissemination of statistics especially in the PDPs.

The final goals of the SAS Subproject are:

- a) to make statistical staff of the PDPs and National Institute of Statistics (hereinafter referred to as "NIS") learn sophisticated technologies and methodologies for statistical activities, through which the official statistics of Cambodia can be developed sustainably, and
- b) to publish a statistical report titled "Population, Households and Establishments of XXX Province" as part of dissemination of statistics.

This report is exactly one of the outcomes of the SAS Subproject.

2. Background of the SAS Subproject

2-1 The role of the local organizations in the national statistical system

The statistical activities of the local organizations are grouped mainly into two: a) implementation of censuses and surveys, and b) dissemination of statistics.

The local organization is obliged to preside and supervise the overall work on the implementation of censuses or surveys within its jurisdiction under the instructions of the central statistical organization so that exact information, from which statistics are produced, can be collected from target units through field work. Positive cooperation of all target units is indispensable for obtaining exact information from them. Here, dissemination of statistics, that is spread of knowledge of statistics among the public, is very important, because everyday activities on such dissemination will deepen understanding of statistics of the public, and enable successful implementation of censuses and surveys.

It is no exaggeration to say that accuracy of statistics, which the central office produces, depend on the activities of the local organizations. The role of the local organizations in the national statistical system, therefore, is extremely important. Especially, the top local organizations, namely, the PDPs in case of the Kingdom of Cambodia, is the most important.

The activities of the SAS Subproject are closely involved in the latter group of the statistical activities of the local organizations: "dissemination of statistics" by the PDPs.

2-2 Dissemination of statistics

Various aspects of statistics need to be disseminated widely to the public for the above-mentioned purposes. Among those, the following information needs to be provided to the public:

a) How statistics are produced:

For example, individual information which individual persons, households or establishments own is collected by the way of censuses or surveys; the information is anonymized and grouped according to similar categories under certain criteria; persons, households or establishments are counted to the similar categories; and then they are compiled in statistical tables according into various categories. The confidentiality of individual information, therefore, can be kept surely. Needless to say, this confidentiality protection is stipulated in the Statistics Law.

b) What are clarified by statistics and how they are used:

Statistics are produced for presenting what kind of group of target units such as people, households or establishments are how much in terms of numbers. Then, we can comprehend the characteristics of these groups by comparing the figures for various groups which are classified by natures of target units or their geographical location. When statistical data are compared in time series, we can grasp the change with time.

In this context, the public can understand that their groups occupy what kind of position among other groups. Policy-makers and planners of administrative measures can confirm what kind of countermeasures should be taken for people's well-being, for development of the nation, and so on.

2-3 Role of the SAS Subproject

Statistical data, therefore, need to be published in appropriate methods for all kinds of users. Especially for the public, analytical reports which explain intelligibly situations of the various groups are required to be published by the statistical organization because most of the public are not familiar with the methods or techniques of analyzing statistical data, and it is difficult for them to interpret statistical data.

The SAS Subproject has been set up exactly for solving these issues. The above-mentioned goals of the SAS Subproject are involved in basic methods for the spread of knowledge of statistics among the public, and at the same time for the spread of statistics themselves.

3. Toward the future

Dissemination activities need continuous efforts even after this Subproject. The PDPs and NIS are expected to perform statistical dissemination activities sustainably by utilizing and developing proper technologies, methodologies and so on which will be learnt and acquired in this SAS Subproject.

Outline of the SAS Subproject

1. Purposes

The SAS Subproject aims:

- a. to strengthen ICT of the PDP concerned;
- b. to improve technology for tabulating basic statistics on small areas such as communes, villages from micro data (individual data) produced and possessed by the PDP;
- c. to develop methodologies for producing small area statistics, analytical summary tables, statistical graphs and maps, and analytical reports of the provincial situation in its jurisdiction on the basis of the statistics produced and possessed by the PDP;
- d. to build up methodologies for dissemination of statistics produced and possessed by the PDP; and
- e. to improve the above-mentioned technologies and methodologies in NIS.

2. Outcomes

The final goals of the SAS Subproject are to realize the following outcomes;

- a. A statistical report titled "Population, Households and Establishments of XXX Province" is published and disseminated to the public,
- b. Sophisticated technologies and methodologies for statistical activities in the PDP and NIS, through which the official statistics of Cambodia will be developed sustainably.

3. Period and target provinces

The SAS Subproject is put into practice in a period of three years from 2011 fiscal year (hereinafter referred to as "FY") to 2013 FY. Here, FY means one year from April of the year concerned to March of the next year.

All the Subproject activities of one province should be completed in one FY in principle. Actually, 24 provinces are grouped into three, and the Subproject is to be carried into effect for one group for one FY.

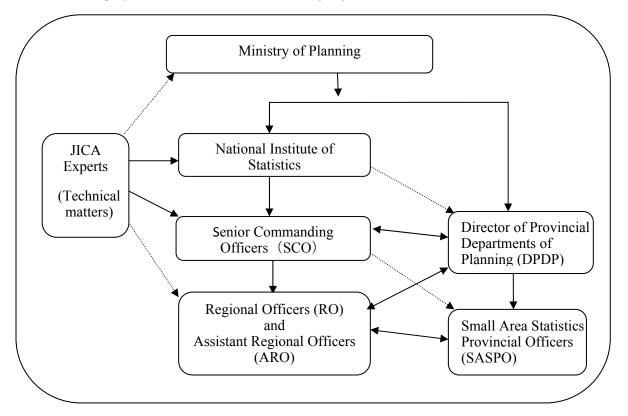
The following table shows the groups of provinces, and the associated FYs for implementation:

The first FY (2011FY)	The second FY (2012FY)	The third FY (2013FY)
6 Provinces:	9 Provinces:	9 Provinces:
Battambang	Banteay Meanchey	Phnom Penh
Kampong Cham	Kampong Chhnang	Preah Vihear
Kandal	Pursat	Prey Veng
Preah Sihanouk	Kampong Thom	Kampong Speu
Siem Reap	Kep	Ratanak Kiri
Takeo	Koh Kong	Stung Treng
	Kratie	Svay Rieng
	Mondul Kiri	Otdar Meanchey
	Pailin	Kampot



4. Organization of the SAS Subproject

The SAS Subproject is steered under the following organizational chart.



Note: Hereinafter, acronyms of SCO, RO, ARO, DPDP and SASPO are used.

5. Stages of the Subproject activities for a province

The activities for the SAS Subproject are composed of various kinds of work which contain clerical and accounting work, training on ICT and statistical methodologies, technical and professional work, and so on.

This work should be handled gradually from the beginning of the groundwork to the end of the publication of outcomes.

Thus, the Subproject activities are required to be divided into two stages in order to be done systematically, simply and in an orderly fashion as follows:

- a. The first stage is related to the groundwork such as arrangement of working environment and acquisition of basic knowledge; this is done in the first six months (April to October) in principle,
- b. The second one is related to acquisition of technical and professional knowledge and its application to real work; this is done in the last 6 months (November to March) in principle.

6. Main activities and the target of each stage

6-1 The first stage

6-1-1 In the first stage, the following activities are carried out:

- a. Installation of personal computers (hereinafter referred to as "PCs".) and peripherals in the office of the PDP concerned
- b. Holding four kinds of training seminars and implementation of on-the-job training (hereinafter referred to as "OJT".)
- c. Tabulation of small area statistics of sub-areas of the province concerned such as districts, communes and villages
- 6-1-2 The activities in the first stage aim:
 - a. to strengthen ICT in the PDP
 - b. to help SASPO and staff of NIS improve technologies for tabulation (production of statistical tables from micro data (individual data)

6-2 The second stage

- 6-2-1 In the second stage, the following activities are carried out on the basis of the activities in the first stage:
 - a. Holding three kinds of training seminars and implementation of OJT
 - b. Implementation of real work such as producing, basic and analytical statistical tables, statistical graphs, analysis, report writing and so on in the PDP
 - c. Publishing of a provincial report by NIS
 - d. Dissemination of the report by the PDP/NIS

6-2-2 The activities in the second stage aim:

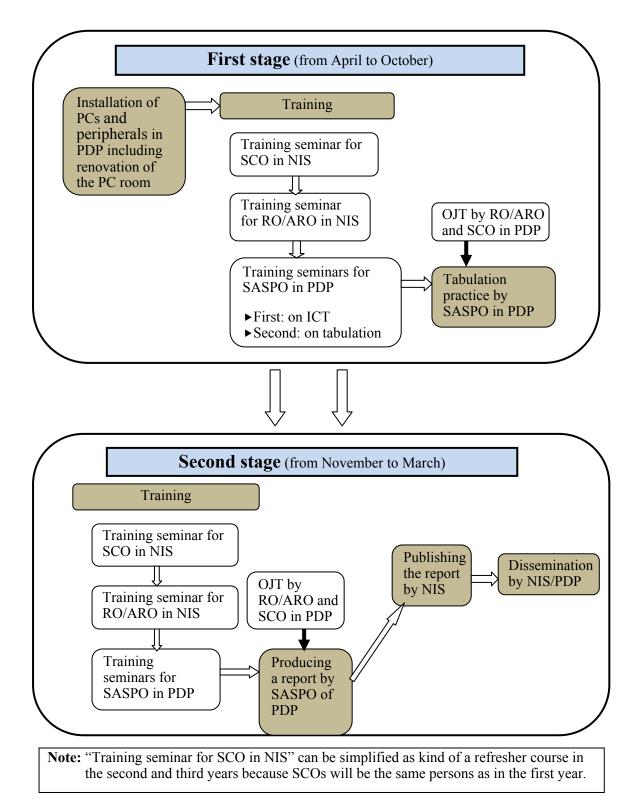
a. to develop methodologies for compiling analytical summary tables, statistical graphs and maps, and an analytical report of the provincial situation based on the statistics possessed and produced by the PDP

b. to build up methodologies for dissemination of statistics produced and possessed by the PDP

c. to help SASPO and staff of the NIS improve the above-mentioned technologies and methodologies

7. Basic flow of the Subproject activities

The following chart shows the basic flow of the Subproject activities for easy understanding.



8. Tentative schedule of the main work

The Subproject work should be done systematically. The tentative schedule of the main work to be followed by and large is shown in the following tables.

Work	April	May	June	July	Aug.	Sept.	Responsible persons
Installation of PCs and peripherals in the PDP							JICA Experts, SCO, DPDP
Renovation of a room for PCs etc.							
Procurement of PCs and peripherals			-				
Installation of PCs and peripherals							
Appointment of staff							
SCO ¹⁾ in NIS							Director General (DG) of NIS
RO/ARO in NIS ²⁾							DG of NIS, SCO
SASPO in the PDP		-					DG of NIS, SCO, DPDP
Training seminars							
Seminar on ICT for SASPO in the PDP				-			RO
Seminar on tabulation							
for SCO ³⁾ in NIS							JICA Experts
for RO/ARO in NIS ⁴⁾							SCO
for SASPO in the PDP ⁵⁾					+		RO/ARO
OJT by RO/ARO and SCO in the PDP ⁴⁾							RO/ARO and SCO
Tabulation practice by SASPO in the PDP							SASPO

8.1. Tentative schedule of work in the first stage

Note:

1) SCOs can be appointed in the first year only because they will be extended to be engaged for the entire three years.

2) ROs/AROs of all 24 provinces are appointed in the first year.

3) This seminar for the second year and the third year is held as kind of a refresher course.

4) JICA Experts who are trainers in the SCO training seminar will join.

5) Some JICA Experts may join.

Work	Oct	Oct. Nov. Dec.			Next ye	ar	Responsible persons	
WOIK	000	100.	Dee.	Jan.	Feb.	Mar.		
Training seminar								
for SCO ¹)							JICA Experts	
for RO/ARO ²⁾		-					SCO	
for SASPO			\downarrow				RO/ARO	
OJT by RO/ARO ³⁾ and SCO							RO/ARO and SCO	
Producing reports by SASPO					-		SASPO	
Check by RO/ARO and DPDP				-	+		RO/ARO, DPDP	
Check by SCO							SCO	
Finalizing by SCO and JICA Experts					-	+	SCO, JICA Experts	
Printing							SCO, JICA Experts	
Dissemination						•	SCO,DPDP (DG of NIS, JICA Experts)	

8.2 Tentative schedule of work in the second stage

Note:

1) This seminar for the second year and the third year will be held as kind of a refresher course.

2) JICA Experts who are trainers in the SCO training seminar will join.

3) Some JICA Experts may join.

9. Work of installation of PCs and peripherals in the PDP

9-1 Three kinds of work

To begin with, a room for PCs and peripherals needs to be renovated depending on the situation of offices of the PDP so that the PCs and peripherals can be used safely.

After the PCs and peripherals are procured, they are installed in the renovated room.

9-2 Accounting work

A series of accounting work such as collecting quotations and filling in application forms for these tasks should be done in accordance with JICA rules.

After renovation and installation of PCs and peripherals, audit work should be done by JICA Experts with the cooperation of SCO and DPDP.

9-3 Articles and quantities to be procured

Articles and quantity to be procured are shown in the following table:

List of articles and quantities to be	procured for the SAS Subproject
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	Name and specification	Total quantity	Details				
Rer	Renovation of a room for PCs and peripherals						
1.	Setting of a partition divided with a glass door and walls, installation of an air- conditioner, lights, wall sockets and so on, as needed	24 sets	1 set×24 provinces				
PCs	s and peripherals						
2	PC with Word, Excel, Access, PowerPoint, Outlook, Wireless/LAN Internet access, and CD/DVD drive	48 sets	2 sets×24 provinces				
3	UPS	48 units	2 units \times 24 provinces				
4	Flash disk	48 units	2 units×24 provinces				
5	External HDD	24 units	1 unit ×24 provinces				
6	Projector, screen, white board, pointer	24 sets	1 set×24 provinces				
7	Anti-virus software	48 units	$2 \text{ set} \times 24 \text{ provinces}$				
8	Internet access USB modem	48 units	2 units×24 provinces				
9	Printer	30 units	1 unit×24 province + 6 units in NIS				
10	Table and chair	48 sets	2 set \times 24 provinces				
11	Photocopier	24 units	1 unit \times 24 provinces				
12	Scanner	1 unit	1unit in NIS				

10. Trainings

10.1 Training seminars

The SAS Subproject is to carry out trainings in three steps in both of the stages as follows: First step: Training seminar for SCO of which trainers are JICA Experts mainly Second step: Training seminar for RO/ARO of which trainers are SCO

Third step: Training seminar for SASPO of which trainers are RO/ARO

Beside these programs, "Training on ICT" is carried out for SASPO after installation of PCs and peripherals in the PDP.

10.2 OJT

For SASPO, furthermore, OJT is carried out at the working place of the PDP by RO/ARO and sometimes by SCO in order to make up the training seminars.

OJT is one of the training methods in which trainers train trainees while they are working at their working place.

Through OJT, not only SASPO, but RO/ARO even SCO also can get more thorough understanding.

10.3 Periods of trainings

As shown in the "8. Tentative schedule of the main work".

10.4 Training curriculums

a. Basic curriculum of the training seminar on ICT for SASPO in the first stage

Time	Subjects	Lectured by:
Morning	Introduction (Outline of the SAS Subproject)	SCO
Session (8:30-11:30)	Setting up Internet connection	SCO
	How to use the Internet	SCO
Afternoon Session	Exercises	SCO
(14:00-17:00)	Others	SCO

One day in June, in the computer room of the PDP

Day and time		Subjects	Trained by:			
U			Seminar for SCO	Seminar for RO/ARO	Seminar for SASPO	
First day	Morning Session (08:30- 12:00)	Introduction -Outline of the SAS Subproject -Basic rules for using micro data and so on	SCO JICA Expert	SCO JICA Expert	SCO/RO	
		Basic calculation in Excel - Introduction to MS Excel 2010 - Understanding on tool bars and its functions - Basic Calculation in Excel	JICA Expert	SCO	RO/ARO	
	Afternoon Session (14:00- 17:00)	Simple Calculation System (SCS) - Outline of SCS - Processing procedures - Table design sheets	JICA Expert	SCO	RO/ARO	
Second day	Morning Session (08:30- 12:00)	-Setting sheets Practical exercises on producing SAS based on micro data of 2008 General Population Census of Cambodia	JICA Expert	SCO	RO/ARO	
	Afternoon Session (14:00- 17:00)	Practical exercise on producing SAS based on micro data of 2009 Nation-wide Establishment Listing	JICA Expert	SCO	RO/ARO	
Third day	Morning Session (08:30- 12:00)	Introduction to ArcView -Cutting province maps from the country map -Creating CSV files -Creating thematic maps	JICA Expert	SCO	RO/ARO	
	Afternoon Session (14:00- 17:00)	Practical exercise on producing SAS maps by ArcView using 2008 Population Census data and 2009 Establishment Listing data	JICA Expert	SCO	RO /ARO	
		Closing (administrative issues, etc.)	JICA Expert	SCO	RO	

b. Basic curriculum of the training seminar on tabulation for SCO, RO/ARO and SASPO in the first stage

1. Three days for each seminar

2. The seminar is held in July at NIS for SCO and RO/ARO; It is also held in August in each of the PDPs for SASPO.

c. Basic curriculum of the training seminar for SCO, RO/ARO and SASPO in the second stage

Day and time]	Frained b	y :
		Subjects		Seminar for RO /ARO	Seminar for SASPO
First day	Morning Session (08:30-	Introduction (Outline of SAS Subproject and so on)	SCO /JICA Expert	SCO /JICA Expert	SCO/RO
	12:00)	Tabulation of SAS (small area statistics) -Statistical tables on population, households and establishments of the province, districts, communes and villages) -Tabulation from raw data using the provincial data followed by an exercise	JICA Expert	SCO	RO /ARO
	Afternoon Session (14:00- 17:00)	Tabulation of analytical tables for describing the province (including sources of data, calculation of indicators and graphs) Points of checking of the analytical table	JICA Expert	SCO	RO /ARO
		Exercise on tabulation of analytical tables for describing the province			
Second day	Morning Session (08:30- 12:00)	Exercise on tabulation of analytical tables for describing the province (continued) -Evaluation of the exercises Points of analytical reports	JICA Expert	SCO	RO /ARO
	Afternoon Session (14:00- 17:00)	Points of analytical reports (continued) Exercise on analytical reports Evaluation of the exercises	JICA Expert	SCO	RO /ARO
Third day	Morning Session (08:30- 12:00)	Compilation of reports Structure of reports Cover, Foreword, Contents, Figures at a glance, Findings, SAS tables, Appendix, etc. Exercise on compiling reports	JICA Expert	SCO	RO /ARO
	Afternoon Session (14:00-	Consistency check of every part of reports (including evaluation of the exercises on compilation)	JICA Expert	SCO	RO /ARO
	17:00)	Closing (administrative issues, etc.)	JICA Expert	SCO	RO

1. Three days for each seminar

2. The seminar is held in November at NIS for SCO and RO/ARO; It is also held in November and December in the PDP for SASPO.

11. Publication of provincial reports on statistical analysis

The SAS Subproject is to publish a provincial report on the statistical analysis which is accomplished in this SAS Subproject in order to disseminate the statistics and statistical analysis, to provoke the use of official statistics by the public, policy makers, researchers etc., and to produce a cooperative atmosphere for the statistical activities of NIS.

11-1 Title and contents of the report

The title of the report is "Population, Households and Establishments of XXX Province". The contents of the report to be published are as follows:

- 1) Foreword
- 2) Preface
- 3) Contents
- 4) Figures at a glance
- 5) Statistical maps
- 6) SAS Subproject for improvement of statistical technology in the PDPs
- 7) Findings on XXX Province (results of analysis)
- 8) Statistical tables on population, households and establishments of the province, districts, communes and villages
 - [Forms]
 - 1) 2008 population Census
- 2) 2009 Establishment Listing
- 3) 2011 Economic Census

[Appendix]

Name list of stakeholders of the SAS Subproject in XXX province

11-2 Language

Basically the report is printed in Khmer. The following parts of the report are written in bilingual: in Khmer and English.

Cover, Foreword, Preface, Figures at a glance, SAS Subproject for improvement of statistical technology in the PDPs, and list of statistical tables.

11-3 Copies

The number of copies of the report is calculated as follows.

100 (NIS) + 50 (Province) + 2 x No. of districts + 1 x No. of commune

12. Duties of stakeholders of the SAS Subproject

12-1 Duties of SCOs

SCOs are core officers of the SAS Subproject who are selected from among NIS staff. The list of SCOs is shown in the Appendix. They should perform the central role on the overall work in the SAS Subproject under the control of DG of NIS and the technical advice and instructions from JICA Experts. Their main duties are as follows:

12-1-2 Head and members

The Head carries out the duties as a SCO, and at the same time has overall responsibility on the SAS Subproject activities. Members carry out the duties as a SCO. Each member should have ability of computer-tabulation, analysis of population census data and/or establishment statistics, and knowledge on the SAS Subproject activities.

12-1-3 Main tasks of SCO

- 1) Participating in the SCO training, and acquiring everything on the SAS Subproject activities such as:
 - a. Tabulation of small area statistics for the province concerned,
 - b. Analysis on the real situation of population, households and establishments of the province
 - c. Compilation of a report titled "Population, Households and Establishments of XXX Province"
- 2) Holding RO/ARO training seminars and lecturing on what they have learnt in the SCO training in accordance with the training curriculum
- 3) Controlling and supervising the activities of RO/ARO and SASPO
- 4) Arranging SASPO training seminars in which RO/AROs lecture to SASPOs
- 5) Checking the report which is made by SASPO and submitted through RO/ARO
- 6) Publishing the report
- 7) Holding SCO meetings to monitor the progress of activities of RO/ARO and SASPO
- 8) Others

12-2 Duties of RO/ARO

12-2-1 Role of RO

RO carries out the duties of RO/ARO and has the following responsibilities in the province concerned.

- 1) RO is responsible for the overall work regarding especially technical aspects of the SAS Subproject activities in the province under the guidance and instructions of SCO and with support of the ARO and cooperation of DPDP.
- 2) RO is responsible for coordinating the SAS Subproject activities between DPDP and DG of NIS under the instructions of SCO and with support of the ARO.
- 3) RO guides and instructs DPDP especially in terms of technical matters of the SAS Subproject activities while he/she is conducting his/her duties in the province.
- 4) RO is responsible for training SASPO of the province with the support of ARO.
- 5) RO reports weekly to SCO on the work progress in the province concerned.

12-2-2 Main tasks of RO/ARO

- 1) Participating in the RO/ARO training, and acquiring everything on the SAS Subproject activities such as:
 - a. Tabulation of basic statistics for the province concerned.
 - b. Analysis on the real situation of population, households and establishments of the province
 - c. Compilation of a report titled "Population, Households and Establishments of XXX Province"
- 2) Holding a SASPO training seminar in the provincial office and lecturing on what they have learnt in the RO/ARO training seminar in accordance with the training curriculum
- 3) Following up the duties of SASPO after training seminars by way of monitoring, instruction, advice, OJT and so on
- 4) Checking the report which SASPO makes, and submitting it to SCO
- 5) Reporting the progress of the work of RO/ARO and SASPO to SCO
- 6) Others

12-3 Duties of DPDP

12-3-1 Role of DPDP

DPDP is responsible for administrative work of the SAS Subproject in his/her province under assistance and instructions of SCO and with technical assistance, guidance and instructions of RO/ARO.

12-3-2 Main tasks of DPDP

- 1) Maintaining SASPOs selected and assigned for the province
- 2) Preparing and organizing a SASPO training seminar which is held in the province by RO/ARO, in terms of seminar rooms, training facilities, instructions to SASPO and so on
- 3) Supporting the SAS Subproject activities which SASPO carries out and RO/ARO follows up
- 4) Checking the report which SASPO makes as the results of their analysis
- 5) Disseminating the report
- 6) Maintaining the equipment which JICA provides for the SAS Subproject

12-4 Duties of SASPO

12-4-1 Role of SASPO

SASPO is responsible for analysis of provincial data of Population Census, Establishment Listing and Economic Census, especially regarding small area statistics of villages/EAs and writing a draft of the report including the results of their analysis.

12-4-2 Main tasks of SASPO

- 1) Participating in a SASPO training seminar which is held by RO/ARO in the province and acquiring everything on SASPO's activities such as:
 - a. Tabulation of basic statistics of the province concerned
 - b. Analysis on the real situation of population, households and establishments of the province

c. Compilation of a report titled "Population, Households and Establishments of XXX Province"

2) Making the following analytical and descriptive work on the province in accordance with the instructions given by RO/ARO in the SASPO training seminar:

a. tabulating basic statistics from raw data of Population Census and Establishment Listing (and Economic Census)

b. analyzing and interpreting province-, district-, commune- and village-level data of Population Census and Establishment Listing (and Economic Census), and describing the situation of the province

- c. compiling a draft report of the statistical profile of the province.
- 3) Finalizing the draft report after it is checked by RO/ARO and DPDP
- 4) Submitting the final draft report through RO/ARO to SCO before the prescribed date.
- 5) Trying to improve furthermore the analytical skill which is learnt in this SAS Subproject and to utilize it for any other analytical work using the equipment provided by JICA in the SAS Subproject.

12-5 Basic roles of JICA Experts

12-5-1 Work for installation of PCs and peripherals in the PDP

JICA Experts carry out the following work regarding the installation of PCs and peripherals in the PDP with cooperation of SCO and DPDP.

- 1) Renovation of a room for PCs and peripherals in the office of the PDP concerned
- 2) Procurement and installation of the PCs and peripherals
- 3) Accounting and audit work

12-5-2 Technical transfer to SCOs

JICA Experts carry out the following technical transfer to SCO through training seminars or OJT

- 1) Tabulation of basic statistics for the province concerned
- 2) Analysis on the real situation of population, households and establishments of the province
- 3) Compilation of a report titled "Population, Households and Establishments of XXX Province"

12-5-3 Monitoring training seminars for RO/ARO and SASPO

JICA Experts monitor the following training seminars when necessary:

- 1) RO/ARO training seminars which are held by SCO in NIS,
- 2) SASPO training seminars which are held by RO/ARO in the PDP with cooperation of DPDP

12-5-4 Holding the SCO meeting

JICA Experts call SCO meetings through the head of SCO and give necessary advice or instructions.

The basic agenda is as follows:

- 1) Report of progress on the seminars for SASPO and the tasks which SASPO should carry out
- 2) Report on the questions from SASPO, or any difficulties which hinder the SAS Subproject activities
- 3) Others

12-5-5 Dissemination of the outcomes of the SAS Subproject

JICA Experts give advice and instructions on dissemination of statistics including publication of reports titled "Population, Households, and Establishments of XXX Province".