



## Mission Report

### FROM A SHORT-TERM MISSION ON THE LABOUR FORCE SURVEY 2004/2005

18/10-29/10 2004

### TA for the Scandinavian Support Program to Strengthen the Institutional Capacity of the National Statistics, Mozambique

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## List of abbreviations

IFTRAB	Inquérito Integrado á Força de Trabalho
ILO	International Labour Office
IMF	International Monetary Fund
INE	Instituto Nacional de Estatística, Mozambique
LFS	Labour Force Survey
LTA	Long-term adviser
SNA	United Nations System of National Accounts

## 1 EXECUTIVE SUMMARY

The objective of the present short-term mission was, similar to another related short-term mission by Mr. Bengt Oscar Lagerstrøm (27/9-8/10 2004), to follow-up on our previous common work “Mission Report from a short-term mission on preparing a project plan for the Labour Force Survey 2004/2005. 19/4-30/4 2004” as data collection has now begun. Furthermore, with these two short-term missions we also acted as substitutes for the long-term adviser (LTA) in Social and Demographic Statistics, Mr. Dag Roll-Hansen, during his 2 months leave.

According to Terms of Reference the present mission was planned to focus on assisting tasks like e.g. analyzing of interview data from the first weeks of data collection, dissemination plans, documentation work and IT requirements. However, the tasks were revised in the beginning of the mission due to the fact that the main need at that time was to assist Mr. Cristóvão Muahio on his planned trip to supervise the fieldwork in Zambezia Province.

My main recommendations are the following but it should be stressed that some of the observations are based on my case studies in Zambezia Province and should thus only be regarded as such.

- Based on my case studies in Zambezia Province, unfortunately, some household members are absent at the time of interviewing resulting in non-response for these individuals in the core questionnaire (Questionário Principal). The process of transportation, contact with district administrator and village leader, listing and selection is in some cases time-consuming, leaving only 1 or 2 days for interviewing. Preferably, the number of absentees should be tried reduced but at least it is important to have better knowledge of the related non-response biases.
- Based on feedback from the first weeks of data collection there appears to be a need for more thorough delimitation of the concept of economic activity, especially related to non-market activities. During the short-term mission some main guidelines were discussed but it is recommended that INE’s “Census and Survey” investigate this matter more closely, in close co-operation with INE’s “National Accounts”.
- As INE has implemented a continuous Labour Force Survey, which ideally should capture all seasonality, it is highly important that this continuity will remain intact also in the period surrounding the Election. Especially in this period atypical observations may be expected in terms of e.g. unusual activities or reduced hours worked. Thus, it is recommended to take these matters carefully into account when planning all aspects of the fieldwork as well as when analysing the results.
- INE is planning to produce un-weighted tables after the first 3 months. These tables should strictly be used internally at INE for e.g. quality purposes, preparatory work and documentation. At present, INE expects to complete a half-annual report. If this report will be based on weighted

results it should be suitable for discussions with external users. However, this kind of report should not be considered as official statistics.

- For final dissemination it is recommended to focus on the main indicators employment, unemployment and underemployment based on international definitions. Moreover, a potential local definition of unemployment could be considered as an additional indicator to cover some national and regional user-needs. However, when disseminating the results it is important to have clear references to which published results are based on international comparable definitions and which results are based on local definitions. Furthermore, all publications should include clear descriptions of the applied concepts.

## **2 Introduction**

By the beginning of October 2004 INE has now begun data collection of the first Mozambican Labour Force Survey (LFS) ever. The survey is implemented as a continuous one with data collection evenly distributed throughout the annual period of October 2004 – September 2005 in order to cover all seasonality. In terms of continuity of the survey the 11 regional fieldwork teams only conduct fieldwork in 20 days throughout a monthly period, the remaining days are left for resting and potential maintenance of equipment.

The LFS is highly important as it would be able to supply international comparable estimates of main indicators like employment, unemployment and underemployment, provided that international recommendations are strictly followed and a system of continuous quality checks are implemented as well.

In Mr. Bengt Oscar Lagerstrøm and my previous common work, “Mission Report from a short-term mission on preparing a project plan for the Labour Force Survey 2004/2005. 19/4-30/4 2004”, we assisted INE in making a Master Plan for the Mozambican LFS. This resulted in the proposed plan, “Standards and definitions for the Design and Implementation of the Labour Force Survey for Mozambique, 2004/2005” which should be used in the further work with implementing the survey.

Afterwards, another short-term mission by Mr. Gideon Kisai Ngoi, “Mission Report from a short-term mission on assisting INE in preparing a definition of employment, unemployment and underemployment based on Tanzanian definition for the Labour Force Survey 2004/2005. 07-18 June 2004”, gave supplementary advice concerning definitions of employment, unemployment and underemployment based on Tanzanian experiences.

With the present short-term mission I have had the opportunity to follow-up on some of these matters.

## **3 Short-term mission activities**

This present short-term mission was intended as one of two follow-up missions from the previous common work of Mr. Bengt Oscar Lagerstrøm and

myself; “Mission Report from a short-term mission on preparing a project plan for the Labour Force Survey 2004/2005. 19/4-30/4 2004”. At the same time the two follow-up missions were also intended to cover for the long-term adviser (LTA) in Social and Demographic Statistics, Mr. Dag Roll-Hansen, during his 2 months leave.

Both to follow-up on previous recommendations as well as to act as LTA substitute the Terms of Reference described assisting tasks like e.g. analyzing of interview data from the first weeks of data collection, dissemination plans, documentation work and IT requirements (See Appendix 3. Terms of Reference).

In the beginning of the short-term mission, the 18<sup>th</sup> of October 2004, a meeting was held to discuss Terms of Reference. The participants at this meeting were Mr. Arão Balate, Mr. Cristóvão Muahio, Mr. Hans Erik Altvall and myself (See Appendix 1. Persons met). At this meeting we decided to revise the Terms of Reference as the most important task was to assist Mr. Cristóvão Muahio on his planned trip to supervise the fieldwork in Zambezia Province. This fieldwork trip was scheduled for the period from 20<sup>th</sup> of October until 25<sup>th</sup> of October 2004.

On the 19<sup>th</sup> of October 2004, the day before going on the fieldwork trip, a feedback meeting was held internally at INE. The purpose of this meeting was to report and discuss the feedback based on the first two weeks of data collection as selected employees from INE’s “Census and Survey” had supervised the fieldwork in this period. Different cases were discussed, e.g. how to prioritize between main and secondary economic activities. Furthermore, the meeting indicated a need for more thorough delimitation of the concept of economic activity, especially related to non-market activities. Due to this, the short-term mission also focused on discussing this matter with INE’s “Census and Survey” and “National Accounts”. Some main guidelines are illustrated in Appendix 4. Economic Activity (See this).

During the fieldwork trip we followed the Zambezian fieldwork team in one rural area in the Namacurra District as well as one urban area in Quelimane. Thus, the case studies were balanced as both rural and urban areas were observed.

On one hand, based on these few case studies in Zambezia, it is my immediate impression that the Zambezian interviewers seem to have no major difficulties in applying the main Labour Force Survey concepts. My impression is that the applied core questionnaire (Questionário Principal) has been improved considerably compared to the first drafts in April 2004 which may explain why the Zambezian interviewers seem to have no major difficulties with these concepts.

On the other hand, it is also my impression that the process of transportation, contact with district administrator and village leader, listing and selection can be time-consuming, especially in faraway rural areas. Due to this, only 1 or maximum 2 days are left for interviewing which may explain why some household members are absent at the time of interviewing resulting in non-response for these individuals in the core questionnaire (Questionário Principal).

Although background information on e.g. name, relation to head of household, age and gender are available from the household questionnaire (Questionário do Agregado Familiar), unfortunately in these cases we have no information regarding potential economic activity of these absent members. Thus, this kind of partial non-response may result in non-response biases in relation to economic activity.

INE only conducts direct interviews as INE has quality concerns about the use of proxy interviews. Proxy interviews are used in many Labour Force Surveys around the world, including some European countries. Even though the use of proxy interviews is likely to decrease this partial non-response still it may also affect the quality which may support INE's practice.

If INE would be unable to reduce the number of absentees at least it is recommended to have better knowledge of the potential non-response biases related to economic activity. Otherwise, e.g. age and gender from the household questionnaire (Questionário do Agregado Familiar) would be the only available applicable information.

Even though the main short-term activities were related to the Zambebian fieldwork trip, other tasks like e.g. discussing the influence of the forthcoming Election and also the future dissemination plans, were among the short-term mission activities as well.

Moreover, on the last day of the short-term mission we held an internal meeting where we discussed my recommendations. The participants in this meeting were apart from Mr. Arão Balate, Mr. Hans Erik Altvall, Mr. Elísio Mazive and myself also Mr. Dag Roll-Hansen for whom I acted as substitute on this short-term mission (See Appendix 1. Persons met). Fortunately, Mr. Dag Roll-Hansen had just returned from his leave giving us the opportunity to personally discuss these substitute activities.

However, as the highlight of the present short-term mission was the fieldwork trip to Zambezia I would hereby like to thank you Mr. Cristóvão Muahio as well as Mr. Arão Balate and the Zambebian team for giving me this unique opportunity to follow the Labour Force Survey fieldwork as well as increasing my personal awareness of the Mozambican society and culture.

## **4 Recommendations**

See Executive Summary.

## 5 APPENDIX 1. Persons met

### INE HQ:

Arão Balate, Director Censos e Inquéritos

Cristóvão Muahio, Chefe do DMA

Lars Peter Smed Christensen, Senior Adviser, Labour Market, Statistics  
Denmark

Hans Erik Altvall, Team Leader, Scandinavian Program, INE

Dag Roll-Hansen, Long-Term Adviser, Social & Demographic Statistics, INE

Fátima Zacarias, Directora Est. Demográficas, Vitais e Sociais

Cassiano Soda, Chefe do DED

Mapasse, Chefe D. P. –MITRAB

Américo Munguambe

Basílio Cubula

Bernardo Wiriate

Bruno Couto

Elísio Mazive

Eugénio Matavel

Gustavo Pioris

Maria Alfeu

Ramiro Mousinho

Zenóbio Aramuge

Mónica Zacarias, National Accounts, INE

Maria Fernanda Teixeira, Long-term advisor and National Accounts Expert,  
GDS Project for Lusophone Africa

### INE Zambezia:

Julio Carneiro Fagema, Delegado

Armando Terenha Terenha, Supervisor

Geraldo Morais Macário, Controlador

António Mangachaia, Inquiridor (Interviewer)

Gervasio Jaime Gouveia, Inquiridor (Interviewer)

Zania Natália J. Maquival, Inquiridor (Interviewer)

Elvis Presley N. Nogueira, Inquiridor (Interviewer)

Carlos A. Passades Jackson, Inquiridor (Interviewer)

## **6 APPENDIX 2. List of Literature**

- “Surveys of economically active population, employment, unemployment and underemployment. An ILO manual on concepts and methods”, International Labour Office (1990).
- “Mission Report from a short-term mission on preparing a project plan for the Labour Force Survey 2004/2005. 19/4-30/4 2004”, Christensen, Lars Peter Smed & Lagerstrøm, Bengt Oscar (2004).
- “Mission Report from a short-term mission on assisting INE in preparing a definition of employment, unemployment and underemployment based on Tanzanian definition for the Labour Force Survey 2004/2005. 07-18 June 2004”, Ngoi, Gideon Kisai (2004).

## **7 APPENDIX 3. Terms of Reference**

### **TERMS OF REFERENCE**

**for 2 short-term missions**

**on**

**Labour Force Survey 2004/05**

**27 September – 8 October**

**and**

**18 October – 29 October**

**2004**

***Within the Scandinavian Assistance to Strengthen the Institutional Capacity of INE/Mozambique 2003-2007***

***Consultants: Bengt Lagerström (first mission) and L P Cristensen (second mission)***

***Counterparts: Fatima Zacarias and Arao Balate***

#### **Background**

Instituto Nacional de Estatística (INE) is ready to embark on the arrangement of a large Labour Force Survey 2004-2005, the Inquérito Integrado à Força de Trabalho (IFTRAB). Data collection will start October 1. Before that, the training etc of interviewers and INE staff will be done.

The present long-term adviser in Social and Demographic Statistics to INE, Mr Dag Roll-Hansen, will be absent from his position 23/8 – 31/10 (ca) due to private reasons. In his absence the 2 interrelated short-term missions according to these ToR will take place.

The 2 short-term consultants carried out a common mission on a project plan for the IFTRAB i April 2004 – MOZ 2004:10. Another important advisory support from the Scandinavian Program was the short-term mission in June 2004 by Mr Ngoi on assisting INE in definition of various key concepts in the survey – MOZ 2004:13.

A Pilot Survey was carried out in July with a report and a final dataset in SPSS amongst the results.

Other material with relevance for the mission– though they still need more elaborations - are

A manual with a documentation standard (“Manual de padrões de documentação”)

A manual for developing of applications with a specific orientation towards the IT activities in relation to IFTRAB (“Especificação do Desenho da Aplicação – IFTRAB”)

Subject Matter Areas requirements on the IT activities ( " Especificação dos Requisitos para o IFTRAB")

There are plans to carry out a second short-term mission on reviewing the Integrated Household Survey Program at INE about the same time as the 2 LFS-missions. A first review mission took place in the end of 2003 – MOZ 2004:5. The review mission aims to ensure that the Household Survey program will fill the data needs for monitoring poverty in 2006 according e.g. to what is mentioned in the Aide-Memoire from the Joint Review inm April 2004.

Objectives of the 2 missions

To

assist INE in the activities leading up to the IFTRAB, and the immediate first weeks of the data collection

give advice on the data collection based on experience from the first weeks

give advice on the output from the IFTRAB – tabulation- and dissemination plan

give advice on the IT work for the IFTRAB

give advice on the documentation of the IFTRAB

strengthen the Scandinavian project with personal resources in Social and Demographic statistic in the absence of the LTA

Benefactors of the mission

All parties in INE engaged in the IFTRAB preparations and data collection

INEs Social and Demographic statistics Directorate

All parties interested in the economy and working conditions of the people of Mozambique: The Mozambican government, the donors, researchers and INE.

## 5.1 Expected results

Mission no 1

Sum up experiences from the first weeks of datacollection with recommendations on how to solve strategic problems ( in particular problems that might generate systematic errors )

Draft and finalize any changes in key documents (questionnaires, manuals, enumerator materials etc)

Advice on changes in survey method or project plans

Review the possibilities and prepare to let IFTRAB be a pilot in terms of developing standards for interviewer performance, as well as quality indicators

Assist with the documentation work in close cooperation with the IMF consultant

Assist with the design of the IT activities for the IFTRAB (a project description) in close cooperation with the new LTA on IT in the Scandinavian Program

Mission no 2

Assist INE in analysing interview data from the first weeks of fieldwork, with the purpose to identify potential weaknesses and review the need for intervening the process.

Assist INE in Preparing a preliminary dissemination plan for the results of the IFTRAB with specific focus on priorities  
Assist with the documentation work in close cooperation with the IMF consultant  
Assist with developing the requirements on the IT work for the IFTRAB

Consultants and Counterparts

Consultant at mission no 1, from 27 September to 8 October: Mr Bengt Lagerström, Statistics Norway.

Consultant at mission no 2, 18-29 October: Mr Lars Peter Christensen, Statistics Denmark.

Main counterparts at INE: Fátima Zacarias and Arão Balate.

The advisors will cooperate closely with the Scandinavian Team Leader, Mr Hans Erik Altvall during their missions.

Report

Since the 2 missions are closely interrelated, the consultants will prepare one common report. The first consultant will prepare a draft report from his mission to be discussed with INE before leaving Maputo. The second consultant will be responsible to complete this report by including his contributions to be discussed with INE before leaving Maputo. The two consultants will submit a final draft to INE for final comments within one week of the end of the mission, i.e. before 5 November. Statistics Denmark as Lead Party will print the final version within 3 weeks of the end of the mission. The structure of the report should be according to Danida-format.

The Counterpart has to ensure that the final printed report has at least a summary in Portuguese if the main report is in English – or vice versa

*These Terms of Reference were prepared by*

Day / /  
.....

*Approved by/in the name of the President of INE*

Day / / .....

## 8 APPENDIX 4. Economic activity

**Table 1.**

The scope of economic activity in terms of SNA (by 1990) concept of production of goods and services

ACTIVITIES		
ECONOMIC ACTIVITIES (Production of goods and services)		NON-ECONOMIC ACTIVIES
Market production	Non-market production	
<ul style="list-style-type: none"> <li>• Production of goods and services normally intended for sale on the market</li> <li>• Production of other goods and services such as government activities</li> </ul>	<ul style="list-style-type: none"> <li>• Production of primary products for own consumption</li> <li>• Processing of primary commodities for own consumption by the producers of these items</li> <li>• Production of fixed assets for own use</li> <li>• Production for own consumption of other commodities by persons who also produce them for the market</li> </ul>	

Source: “Surveys of economically active population, employment, unemployment and underemployment. An ILO manual on concepts and methods”, page 17.

**Table 2.**

Examples of non-market activities covered by the SNA (by 1990) concept of production of goods and services

All included			Mainly excluded (unless produced for the market or to be considered as fixed capital formation)
Primary production	Processing of primary products (should only be included if they involve the processing of primary products by the producers of these items)	Fixed capital formation	
<ul style="list-style-type: none"> <li>• Growing or gathering field crops, fruits and vegetables</li> <li>• Producing eggs, milk and food</li> <li>• Hunting animals and birds</li> <li>• Catching fish, crabs and shellfish</li> <li>• Cutting firewood and building poles</li> <li>• Collecting thatching and weaving materials</li> <li>• Burning charcoal</li> <li>• Mining salt</li> <li>• Cutting peat</li> </ul>	<ul style="list-style-type: none"> <li>• Threshing and milling grain</li> <li>• Making butter, ghee and cheese</li> <li>• Slaughtering livestock</li> <li>• Curing hides and skins</li> <li>• Preserving meat and fish</li> <li>• Making beer, wine and spirits</li> <li>• Crushing oil seeds</li> <li>• Weaving baskets and mats</li> <li>• Making clay pots and plates</li> <li>• Weaving textiles</li> <li>• Making furniture</li> </ul>	<ul style="list-style-type: none"> <li>• Construction of dwellings</li> <li>• Construction of farm buildings</li> <li>• Building boats and canoes</li> <li>• Clearing land for cultivation</li> </ul>	<ul style="list-style-type: none"> <li>• Current repair and maintenance of dwellings and farm buildings</li> <li>• Storing crops</li> <li>• Carrying water</li> <li>• Dressmaking and tailoring</li> <li>• Handicrafts made from non-primary products (e.g. metal hollow-ware, rubber shoes)</li> <li>• Midwife services</li> <li>• Funeral services</li> </ul>

Source: "Surveys of economically active population, employment, unemployment and underemployment. An ILO manual on concepts and methods", page 18.