



Thailand Social Security Priority and Needs Survey

November 2004



International Labour Organization
Sub-regional Office for East Asia
Bangkok



Social Security Office,
Ministry of Labour



National Statistics Office,
Ministry of Information and
Communication Technology

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ABBREVIATIONS

CSMBS:	Civil Service Medical Benefits Scheme
ILO:	International Labour Organization
SRO-BKK:	Sub-regional Office for East Asia in Bangkok or SRO-Bangkok
MOL:	Ministry of Labour
MOPH:	Ministry of Public Health
MOSDHS:	Ministry of Social Development and Human Security
NEDSB:	National Economic and Social Development Board
NHI:	National Health Insurance, or so called “30 Baht scheme”
NSO:	National Statistical Office
PSTWF:	Private School Teacher Welfare Fund
SOE:	State owned enterprise
SSO:	Social Security Office

PREFACE

The International Labour Organization (ILO) conducted the Social Security Priority and Needs Survey, with cooperation from the Social Security Office (SSO) and National Statistical Office (NSO), simultaneously with the Thai Labour Force Survey in the fourth quarter of year 2003. This survey is the first sampling survey to be carried out in the region. It is aimed at providing a global picture of social security coverage of Thailand, as well as the risk priority, social protection and social security needs of those without social security. It is hoped that the information contained in this report will serve as a basis for extension of social security to the non-covered population, the majority of whom are in the informal economy.

Chapter 1 provides background information and objectives of the survey. Chapter 2, 3 and 4 provides overviews of the social security coverage in Thailand, the risk priority, social protection and security benefit needs of people as well as willingness to contribute and affordable contribution amount. Chapter 5 presents information on specific groups in the informal economy such as self-employed workers, occupational groups including farmers, transportation workers, domestic workers, street vendors and homeworkers, and other disadvantaged groups including the elderly, elderly widow/ers, and members of low income households. Chapter 6 presents recommendations on policies for extension of social security coverage. Definitions, sampling methodology and detailed statistical tables, as well as survey questionnaires, are attached in appendixes.

Mr. Suguru Mizunoya, Associate Expert on the Social Protection for the Informal Economy was in charge of producing the social security questionnaire, data processing and tabulations, and drafted this report under supervision of Mr. Hiroshi Yamabana, Social Security Specialist in the SRO-BKK, ILO. Special thanks are due to:

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Director, Sub-Regional
Office for the East Asia,
International Labour
Organization

Pairote Sooksamrit
Secretary-General,
Social Security Office,
Ministry of Labour

Mr. Sue Lo-Utai
Secretary General,
National Statistics Office,
Ministry of Information and
Communication Technology

EXECUTIVE SUMMARY

1. Summary of survey

1.1 Coverage

- In Thailand, about 20% (about 13 million) of the population have social security coverage including dependants of the Civil Servant, State Enterprise and Private School schemes, and about 80% (about 51 million) do not have social security coverage. The Civil Servant scheme and the SSO scheme provide social security to most of the covered population (42% and 52% of the covered respectively)..... (Fig.1, pp7)
- The coverage rates of Bangkok and Central area are about 28-38%, which is higher than the coverage rates of around 12-17% in other areas..... (Fig.6, pp 11)
- The majority of non-covered workers are comprised of about 10 million self-employed workers and about 7 million unpaid family workers. About 65% of each of these groups are engaged in agricultural activity. There are about 6 million non-covered private employees, including 4 million employees who are not engaged in agricultural activity and who are in practice obliged to join the SSO scheme.....(Fig.3, pp9/Table 2.5, pp15)
- About 11% of employers who did not pay contribution intentionally do not register their enterprise with the SSO.....(Table 2.11, pp19)
- Working generations (20 to 59 years) have relatively high coverage rates of around 21-34%. On the other hand, younger and older generations have low coverage rates of between 7 and 20%. Extension of the SSO scheme to provide benefits to the non-covered dependants of members, as in other social security schemes, will contribute to fill the coverage gap between working generations and other generations.....(Fig.5, pp10)
- There is a significant difference in coverage according to the level of monthly household income. The largest income group of the non-covered population is 2,500-4,999 Baht in comparison to 10,000-14,999 Baht for the covered population. Households with monthly income less than 15,000 Baht have low coverage, especially households with less than 5,000 Baht whose coverage rate is around 3-13%, whereas the coverage rates of households in higher income than 15,000 Baht are around 41-51%.....(Fig.7, pp12)
- About 17% of people who are 60 years or more do not have an income, whereas the percentages of having no income in younger generations (i.e. 0-14 years, 15-29 years, 30-44 years, and 45-59 years) are around 5%.....(Fig.10, pp14)
- Among the specific groups in the non-covered population, large groups are “Agriculture and fishery workers” with about 14 million people, “Low income household members” with about 11 million people, “Self-employed” with about 10 million people, and “The elderly” (more than 55 years old) with about 7 million people which includes about 2 million elderly widow/ers. The non-covered population of other specific groups such as transportation workers, construction workers, homeworkers, domestic workers, and street vendors is less than 1 million people.....(Table 5.1, pp35)

- Coverage of specific groups is low and coverage rates are around 4-20% except “Transportation workers” with a coverage rate of about 35%.....(Table 5.1, pp35)
- The average occupation change rate of covered worker is about 9%, whereas the rates of occupation change of specific groups range from about 11% to 32%. Construction workers, homeworkers, and low income household members have high occupation change rates i.e. 32%, 30%, and 29% respectively.....(Table 5.8, pp40)

1.2 Risk priority and social protection needs

- The three most serious risks for the non-covered population were “Sickness”, “Job loss”, and “Death of income earner”, which accounted for about 32%, 15%, and 10% of responses respectively.....(Fig.12, pp21)
- There was a significant difference in the perception of risk at different stages of life in the non-covered population. The most serious risk for people between 15-59 years old was “Sickness”, accounting for about 28% of responses, whereas “Becoming old” accounted for only about 1% of responses. On the other hand, the most serious risk for people older than 60 was “Becoming old”, accounting for about 33% of responses.....(Fig.16, pp24)
- The social protection needs of the non-covered population were “Sickness” followed by “Pensions”, “Job loss” and “Agricultural protection”, which accounted for about 32%, 21%, 15% and 11% of responses respectively.....(Fig.17 and Table 3.2, pp25)
- The risk priority of the specific groups had a similar pattern to that of the non-covered population i.e. “Sickness” and “Job loss” were considered the most serious followed by risks such as “Loss of harvest”, “Child care”, “Death of income earner”, and “Becoming old.”(Table 5.9, pp40)
- The social protection needs of specific groups were similar to those of the non-covered population i.e. protections for “Sickness”, “Pensions”, and “Job loss” were most needed. For workers in the agricultural or fishery industry and the self-employed, the need for “Agricultural protection” was higher than that of other specific groups.....(Table 5.10 A and B, pp41-42)

1.3 Social security benefit needs and affordability of contributions

- On average 65 % of non-covered workers considered the SSO benefits (sickness, maternity, invalidity and old-age pensions, death and child allowance) “Very important” and about 25% considered them “Important.”(Fig.18, pp27)
- In spite of the great demand for social security benefits, the willingness to join a social security scheme among non-covered workers was as low as around 28%, and the rate of those unwilling to join was about 49%. About 65% of those who were unwilling to join chose “Not affordable” as their reason for not willing to join.....(Fig.19 and 20, pp28)
- About 24% of those willing to join responded that they wanted to pay less than 50 Baht, about 29% responded between 50 and 99 Baht, and about 29% responded between 100 to 149 Baht per month per person. The average affordable contribution amount was about 120 Baht, whereas the

contribution amount needed for one member of the SSO scheme was about 820 Baht
.....(Table 4.1, pp29/Table 4.4, pp33)

- With regard to the preferred frequency of contribution payment, about 67% of non-covered workers preferred to pay once a month and about 22% preferred to pay once a year
.....(Table 4.5, pp33)
- There were about 1.4 million non-covered spouses of SSO members. About half (51%) of the members were willing to pay an additional contribution to cover their non-covered spouses, whereas about 35% of the respondents did not want to pay.....(Table 4.7, pp34)

2. Social security extension options

2.1. Extension strategy

It is recommended that a two-pronged strategy, running in parallel, for extension of coverage be adopted, e.g. improvement and extension of the present social security schemes, notably the SSO, and extension through a new mechanism of social security, should be considered.....
.....(1st paragraph, pp45)

2.1.1 Improvement and extension of the coverage through expansion of the present schemes for dependent employees and their dependents

Extension of coverage of the SSO

Thailand has made substantial progress in extending social security coverage through several schemes for dependent employees, such as the SSO scheme, Civil Servant Scheme, State Owned Enterprise scheme, and the scheme for teachers in private schools. However, there are still around 6.4 million dependent employees not covered by any of these schemes, including about 4.1 million dependent employees in non-agricultural industries. It is essential that the coverage should be expanded by improving compliance to the SSO scheme and also by amending the legislation to cover a wider range of dependent employees (e.g. those working for agricultural workers whose employment is less than one year).....
.....(Table 2.8, pp18/Table 2.11, pp19/Section 6.1.1, pp 45)

Improvements to 30-baht Health Care Scheme

Health is the highest protection need. The entire population is covered at present either through social security schemes or the National Health Insurance Scheme (30 Baht scheme). Future challenges to the 30-baht Scheme for financial sustainability, health care quality improvement and management, require further improvement and reform of the scheme by the government.....
.....(Fig. 12-17, pp21-25/Section 6.1.2, pp45)

Extension of SSO health care coverage to dependents

Extension of the SSO coverage of health care to dependent spouses and children should also be seriously considered. An ILO/SSO actuarial study clearly indicates that this extension could be financed within the contributions presently allocated to the short-term benefit branches.....
.....(Fig, 18, pp27/Table 4.7, pp34/Section 6.1.2, pp45)

2.1.2 Extension of coverage to the self-employed persons through a new mechanism

Taking into account the limited contribution capacity and low willingness of the non-covered population, notably self-employed persons, to join a social security scheme, a new mechanism of social security other than the present social security schemes should be considered in order to cover a substantial percentage of non-covered population.....
.....(Fig. 19, pp28/ Fig 9, pp13/ Fig.22, pp30/Box 2, pp31-33/Section 6.1.4 and 6.2, pp46-47)

Protections out of the scope of social security coverage for self-employed persons

Some broader social protection needs such as job security and creation, agricultural protection and adequate education, need different mechanisms other than social security and should be dealt with by other ministries and governmental organizations.

Because of the nature of self-employed persons being employees and employers at the same time, there are substantial difficulties for providing some types of cash income replacement benefits, e.g. sickness cash benefits, unemployment benefits and employment injury benefits. For these benefits, other protection measures should be considered: income replacement benefits at the time of sickness or unemployment could be provided through social assistance benefits with means test and financed from taxation; all employment injury benefits could be provided through general medical care benefits and cash benefits for temporary and permanent invalidity and survivorship.....
.....(Section 6.2, pp46-47)

Non-recommendable extension options: scheme for specific groups

Establishing a special scheme financed by contribution for certain occupational groups or industrial groups (e.g. taxi driver scheme, farmer's pension) is not recommended for several reasons. The scheme will suffer from the problem of low compliance due to low willingness to join a social security scheme and due to low contribution capacity. Having no employers to pay contributions, self-employed persons would need to pay more contribution without substantial government subsidies, another factor for low compliance of the scheme.

Contributory pension schemes for specific groups are not recommended because of possible future financial instability caused by rapid demographic change specific to the groups. Contributory lump sum benefits for death, maternity cash benefits and child allowance are not recommended where the scheme is a de-facto voluntary scheme because of possible abuse through the adverse selection of certain groups (e.g. elderly near death, couples with children, young females with higher chance of maternity).....(Section 6.2.3, pp49)

Pensions

The need for long-term income protection, such as old-age, invalidity and survivors' pensions, is high. It should also be noted that, due to the short-sighted nature of the population, the need for income security for old-age substantially increases as people get older, while people rate this need very low in their youth. Some form of protection for long-term income security measures through a social security mechanism should be considered.....(Table 3.1, pp24/ Fig. 17, pp25)

Relying on individual saving mechanisms to provide the basic minimum income security measures at the time of old-age, invalidity and survivorship is insufficient. Due to the low affordability of the non-covered population and administrative difficulties in collecting contributions from self-

employed persons, it is recommended that a fully/heavily tax-financed defined-benefit universal scheme be considered in order to provide a basic income security for the entire population in case of old age, invalidity and survivorship.....(Section 6.2.2, pp47/Box 3, pp48-49)

2.2 Way ahead

Based on the findings of this report, it is proposed that a seminar be held to discuss logistics to carry out further feasibility studies on the extension of health care benefits of the SSO scheme to non-covered dependents, and the introduction of a pension scheme. Following the seminar, it is recommended that feasibility studies on financing, legislation and administration be carried out to provide several options for consideration. Once a concrete option for implementation is chosen, awareness raising and capacity building activities for implementation would be done.....
.....(Section 6.3-6.4, pp50-51)

CHAPTER 1

INTRODUCTION

1.1 Background

Low social security coverage is a world-wide problem. The necessity to tackle this problem has become more important than ever due to the fact that the current trend of globalization increases the vulnerability of workers, who are mostly in the informal economy without social protection in developing countries, by bringing them from a protected economy into an international competitive market. Such increasing insecurities associated with globalization call for the need to strengthen policies that help countries to cope better with the changes and it is important that social protection mechanisms reach those excluded from the social protection mechanisms in the informal and rural economies.

The Thai government recognizes the need for establishment of a strong national development foundation to enable Thai people to meet the challenges arising from globalization. Thailand has developed better systems of social protection and social security compared to other countries in the South East Asia region. Four social security schemes, namely 1) Civil Servant scheme (CS scheme), including Civil Servant Medical Benefit Scheme (CSMBS) and non-contributory pension scheme and Government Pension Fund (GPF), 2) State Owned Enterprise schemes (SOE scheme), 3) Private School Teacher Welfare Fund (PSTWF or PS scheme), and 4) Social Security scheme for private employees (Social Security Office (SSO) scheme), are implemented to provide comprehensive social security benefits. The SSO scheme extended its coverage from enterprises with 10 or more employees to enterprises with one or more employees in 2002, by which all the employees of registered enterprises are provided with social security coverage. In terms of health care, Thailand established National Health Insurance (NHI: 30Baht scheme) in 2001, which provides health care access to all the people who are not covered by social security schemes¹. Thailand has achieved universal health care coverage. Thus, Thailand has made significant progress in the provision of social protection and social security, but there are still issues to be tackled. One of the major issues is the low coverage of social security except for health care i.e. only 20% of the whole population is covered by social security schemes, and how to provide the massive non-covered population with social protection and security in a financially sustainable and administratively feasible manner is a significant challenge.

Setting up a social protection system for the non-covered population is one of the priorities for the national development foundation and is a target for achieving quality life in the Ninth National Economic and Social Development Plan (2002-2006). The Ninth National Economic and Social Development Plan provides the policy frame to the Ministry of Labour and Social Security Office (SSO). The extension of the social security coverage to the informal economy is envisaged in the missions of the Ministry of Labour. The operational direction of the SSO for 2003 and 2004 states the need for preparatory studies to extend the social security coverage to the informal economy.

The ILO Sub-Regional Office for East Asia (ILO SRO-BKK) and SSO signed a letter of agreement in December 2002 on the ILO/SSO technical co-operation on the extension of social security to the informal economy. The working group of SSO on the extension to the informal economy was established in 2003 and ILO submitted the Technical Note on the Social Security Extension to the

¹ The 30 Baht scheme may have to be classified as one of social security schemes but this report treats the 30 Baht scheme as a non-social security scheme due to the analytical purpose of legal and administrative coverage gaps of other benefits.

Informal Economy in May 2004. The Technical Note identified a road map for the implementation of the scheme for the informal economy and introduced a range of studies needed for the scheme design.

This is the report on the Social Security Priority and Needs Survey, one of the studies identified in the ILO's technical report. The Social Security Priority and Needs Survey was conducted together with the Labour Force Survey in the 4th quarter of 2003 in cooperation with the National Statistics Office (NSO) and the SSO. Data from the Labour Force Survey was linked to the Social Security Priority and Needs Survey, thus data used for the analysis of this report includes data from both the Thai Labour Force Survey and the Social Security Priority and Needs Survey.

1.2 Objectives

The Social Security Priority and Needs Survey is a nationwide sampling survey designed to collect data on the social security needs and priorities. The results of the survey will be used to formulate a policy for the provision of social protection and social security extension to people in the informal economy. The main data collected is in the following areas:

- 1) Basic information such as age and sex, marital status, area of residence, education level, participation in labour force, international and domestic migration, household income, and social security coverage.
- 2) Job-related information such as work status, size of enterprise, occupation, multiple jobs, frequency of changing occupation, social security coverage rate by occupational categories.
- 3) Social security needs and priorities such as people's perception on the risk in life, needs for social security benefits, willingness to participate in the SSO scheme, reason why not willing to join SSO scheme, and preference of contribution amount and frequency of payment.

The non-covered population was analyzed by using above-mentioned information in Chapter 2 to Chapter 4. In addition, this survey paid special attention to specific groups in the non-covered population for the social security extension. These specific groups included 1) Self-employed without employees, 2) Agriculture and fishery workers, 3) Transportation workers (taxis, Tuktuk, motor bikes and vans), 4) Construction workers, 5) Domestic workers, 6) Street vendors, 7) Homeworkers, 8) Members of low income households, 9) The elderly, and 10) Elderly widow/ers².

1.3 Key definitions of this report

1.3.1 Social protection and social security

There is a need to clarify the definition of the terms "social protection", "social security", "social assistance" and "social safety net", since they are often used interchangeably among different parties.

² There are some non-covered groups that were excluded from the specific groups, such as workers in entertainment venues and temporary and daily workers (except temporary workers in government and State Own Enterprises), due to technical difficulties.

In this report, “social security” refers to statutory social security schemes for income security and against ill-health, “social assistance” refers to statutory social welfare programmes financed by general tax or other tax sources without contribution, and “social protection” refers to a whole set of policies and mechanisms against economic adversity and ill health including social security, social assistance, and other protection mechanisms such as provisions with regard to education, agriculture, housing, and natural disaster. This report does not use the term “social safety net”, since “social safety net” is often used to refer to the minimum protection of people, and this concept overlaps with the concept of social assistance.

1.3.2 Non-covered population (people without social security coverage) and people in the informal economy

The term informal economy implies multi-dimensional concepts such as size of economic activity, technology and organization level of economic activity, recognition from the authorities, and level of income. The ILO describes the concept of informal economy as follows³:

The informal sector consists of small-scale self-employed activities (with or without hired workers), typically at low levels of organization and technology with the primary purpose of generating employment and incomes. The activities are usually conducted without proper recognition from the authorities, and escape the attention of the administrative machinery responsible for enforcing laws and regulations.

A difficulty which comes from the above-mentioned multi-dimensional concepts of informal economy is one of the reasons that Thailand has not yet adopted a national definition for informal economy.

The object of this report is the non-covered population without social security coverage, which is defined as “a person who is not covered as a member nor as a dependant by one of the social security schemes which include CS Scheme, SOE Scheme, SSO scheme and PS Scheme”. One of the main differences between the ILO concept of informal economy and the non-covered population is that the ILO concept does not include people who are not in the labour force, although those non-covered and not in the labour force (e.g. elderly, housewives and children) are some of the major targets of the extension of social security. Another difference is that the ILO’s concept above does not include those employed by formal enterprises without social security coverage i.e. the non-covered population due to non-compliance of their enterprises. Chart 1 below shows differences between the ILO’s concept of people in the informal economy and the concept of the non-covered population in this report.

³ *The informal sector* (1998), ILO Regional Department for Asia and Pacific

Chart 1: Concept chart for the non-covered population and people in the Informal economy

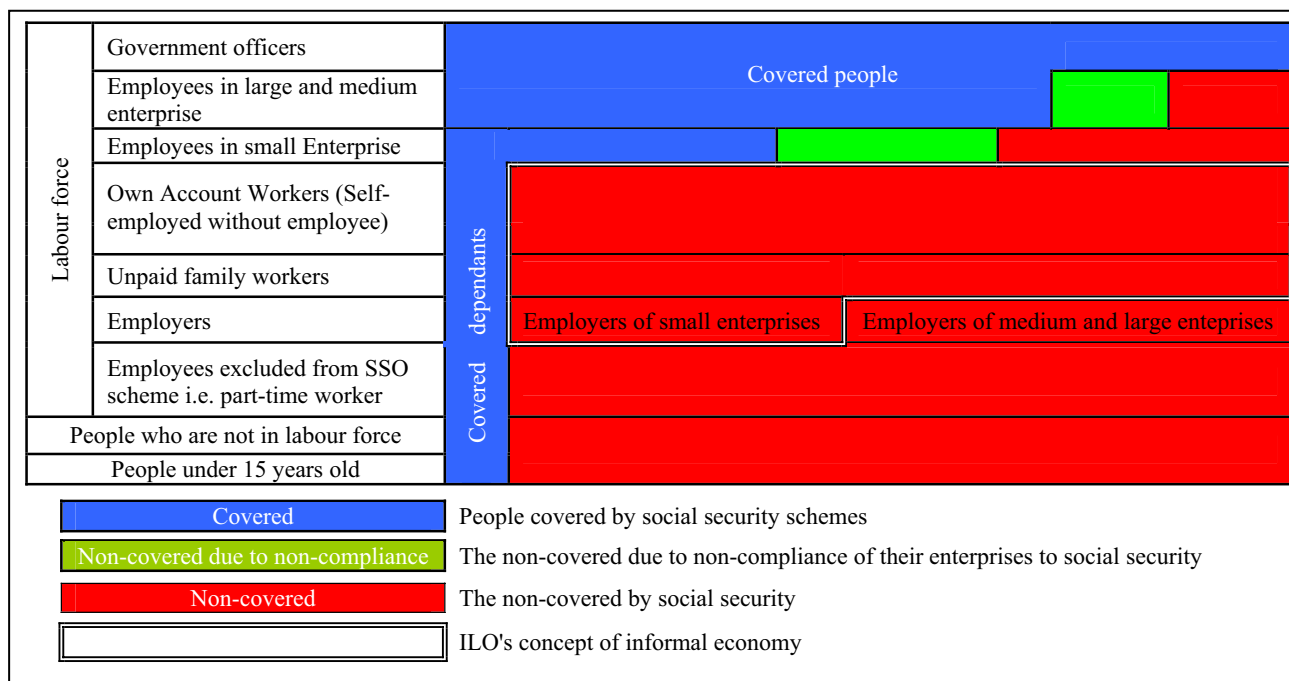


Chart 2 presents a detailed structure of the social security coverage. The covered population consists of people who are covered by the CS scheme, SOE scheme, SSO scheme and PS scheme. Covered people of each scheme, except the SSO scheme, comprise members of the scheme and dependents. Dependents of CS, SOE and PS schemes are comprised of people in the labour force, people not in the labour force and people who are younger than 15 years. On the other hand, the non-covered population is comprised of people in the labour force, people who are not in the labour force, and people who are younger than 15 years.

Chart 2: Classification of the covered and non-covered population (millions)

Total population (64.2)	Covered population (12.8)	Civil service scheme (5.4)	Civil servants (1.8)	
			Dependants (3.6)	Persons in the labour force (1.0) Persons not in labour force and persons under 15 years old (2.6)
		State Owned Enterprise scheme (0.6)	Workers in State Owned Enterprises (0.3)	
			Dependants (0.4)	Persons in the labour force (0.1) Persons not in labour force and persons under 15 years old (0.3)
		Private School Scheme (0.1)	Teachers and head masters of private schools (0.05)	
			Dependants (0.04)	Persons in the labour force (0.01) Persons not in labour force and persons under 15 years old (0.03)
		Social Security Scheme (6.7)	Private employees and other social security scheme members (6.7)	
	Non-covered population (51.3)	Persons in the labour force (25.7)		
		Persons not in labour force and persons under 15 years old (25.6)		

1.4. Review of Thai demography and labour force structure

1.4.1 Demography

Table 1.1 represents the demographic structure of Thailand. The total population was 64.2 million of which 49.8% were male and 50.2% were female. People younger than 20 years accounted for 32.9% of the population, people between 20-54 years accounted for 53.4% and people who were older than 55 years accounted for 13.7% of the population.

Table 1.1: Demographic structure of Thailand (thousands)

Age	Male		Female		Total	
	Number	Percentage	Number	Percentage	Number	Percentage
0-4 yrs	2,118.3	3.3%	2,075.5	3.2%	4,193.9	6.5%
5-9 yrs	2,781.1	4.3%	2,673.3	4.2%	5,454.5	8.5%
10-14 yrs	3,034.7	4.7%	2,981.4	4.6%	6,016.2	9.4%
15-19 yrs	2,786.4	4.3%	2,714.5	4.2%	5,500.8	8.6%
20-24 yrs	2,904.3	4.5%	2,819.4	4.4%	5,723.7	8.9%
25-29 yrs	2,919.2	4.5%	2,819.5	4.4%	5,738.7	8.9%
30-34 yrs	2,793.2	4.3%	2,700.0	4.2%	5,493.4	8.6%
35-39 yrs	2,550.1	4.0%	2,534.8	3.9%	5,084.9	7.9%
40-44 yrs	2,248.3	3.5%	2,308.6	3.6%	4,556.9	7.1%
45-49 yrs	2,102.3	3.3%	2,146.5	3.3%	4,248.8	6.6%
50-54 yrs	1,673.5	2.6%	1,783.1	2.8%	3,456.7	5.4%
55-59 yrs	1,225.2	1.9%	1,292.2	2.0%	2,517.5	3.9%
60-64 yrs	948.1	1.5%	1,016.9	1.6%	1,964.9	3.1%
65-69 yrs	722.5	1.1%	844.8	1.3%	1,567.3	2.4%
70 yrs or more	1,183.0	1.8%	1,537.2	2.4%	2,720.2	4.2%
Total	31,990.3	49.8%	32,247.7	50.2%	64,238.0	100.0%

Source: Social Security Priority and Needs Survey

1.4.2 Labour force

Chart 3 represents the concept of labour force status and Table 1.2 represents the labour force statistics as of 4th quarter of 2003 in Thailand. The 64.2 million Thai population consisted of 35.5 million in the total labour force (55.2%), 13.1 million not in the labour force (20.4%), and 15.7 million younger than 15 years (24.4%). The total labour force consisted of the current labour force of 35.2 million (54.8%) and 0.3 million seasonally inactive labour force (0.4%). The current labour force consisted of 34.6 million employed (53.8%) and 0.6 million of unemployed people (1.0%).

Chart 3: Labour force classification

Total population (64.2 million)	Population of 15 years old or more (48.6 million, 75.6%)	Total labour force (35.5 million, 55.2%)	Current labour force (35.2 million, 54.8%)	Employed (34.7 million, 53.8 %)
				Unemployed (0.6 million, 1.0%)
			Seasonally inactive labour force (0.3 million, 0.4%)	
	Population of less than 15 years old (15.7 million, 24.4%)	Not in labour force (13.1 million, 20.4%)		

Table 1.2: Number and percentage of population by labour force status and sex, as of the 4th quarter of 2003

Labour force status (thousands)	Male	Female	Total
1. Total labour force	19,516.5	15,967.0	35,483.5
1.1. Current labour force	19,445.1	15,758.7	35,203.8
1.1.1 Employed	19,071.3	15,493.5	34,564.8
1.1.2 Unemployed	373.8	265.2	639.0
1.2 Seasonally inactive labour force	71.4	208.4	279.8
2. Not in labour force	4,539.6	8,550.4	13,090.0
3. Persons under 15 years old	7,934.2	7,730.3	15,664.5
4. Total	31,990.3	32,247.7	64,238.0

Labour force status (%)	Male	Female	Total
1. Total labour force	61.0%	49.5%	55.2%
1.1. Current labour force	60.8%	48.9%	54.8%
1.1.1 Employed	59.6%	48.0%	53.8%
1.1.2 Unemployed	1.2%	0.8%	1.0%
1.2 Seasonally inactive labour force	0.2%	0.6%	0.4%
2. Not in labour force	14.2%	26.5%	20.4%
3. Persons under 15 years old	24.8%	24.0%	24.4%
4. Total	100.0%	100.0%	100.0%

1.4.3 Employed labour force by work status

Table 1.3 represents the breakdown of employed population by work status and sex. The employed population consists of 1.2 million employers (3.3%), 10.8 million self-employed (31.1%), 7.8 million unpaid family workers (22.5%), 1.8 million permanent government employees (5.1%), 0.6 million temporary government employees (1.7%), 0.3 million permanent employees of state owned enterprises (0.8%), 0.06 million temporary employees of state owned enterprises (0.2%), 12.1 million private employees⁴ (35.1%), and 0.06 million members of producers' cooperatives (0.2%).

Table 1.3: Employed population by work status groups and sex

Work status		Male		Female		Total	
		Number (thousands)	%	Number (thousands)	%	Number (thousands)	%
Employer		902.1	4.7	252.1	1.6	1,154.2	3.3
Self-employed		7,029.2	36.9	3,728.8	24.1	10,757.9	31.1
Unpaid family worker		2,817.8	14.8	4,963.7	32.0	7,781.6	22.5
Government employee	Permanent	988.8	5.2	761.7	4.9	1,750.5	5.1
	Temporary	303.4	1.6	300.2	1.9	603.7	1.7
State owned enterprise employee	Permanent	197.7	1.0	80.2	0.5	278.0	0.8
	Temporary	44.0	0.2	14.1	0.1	58.1	0.2
Private Employee*		6,765.7	35.5	5,356.2	34.6	12,121.9	35.1
Member of producers cooperatives		22.5	0.1	36.4	0.2	58.9	0.2
Total		19,071.3	100.0	15,493.5	100.0	34,564.8	100.0

*Excluding temporary employees of government and state owned enterprises.

⁴ Excluding private employees working for government and state owned enterprises as temporary workers.

CHAPTER 2

SOCIAL SECURITY COVERAGE IN THAILAND

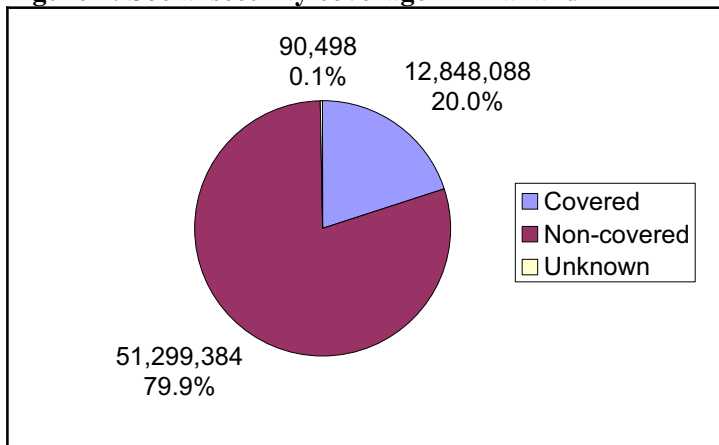
This chapter presents the current situation of social security coverage in Thailand from various viewpoints. Firstly, this chapter explores the social security coverage among the whole Thai population, and secondly, presents the social security coverage of people in the labour force.

2.1 Overall social security coverage for the whole Thai population

2.1.1 Composition of the covered and non-covered population

The population of Thailand is 64.2 million, comprised of 12.8 million people with social security coverage including members of social security schemes and their dependants, and 51.3 million people without social security coverage. In terms of percentage, 20.0% of people had social security coverage and 79.9% people did not have social security coverage as shown in Figure 1 below.

Figure 1: Social security coverage in Thailand



2.1.2 Composition of people with social security

Out of 12.8 million people with social security coverage, including members of social security schemes and their dependants, 5.4 million people were covered by the Civil Servant scheme (CS scheme), 0.6 million people were covered by the State owned Enterprise scheme (SOE scheme), 0.1 million people were covered by the Private School scheme (PS scheme) and 6.7 million people were covered by the Social Security Office's scheme (SSO scheme). In terms of coverage by scheme, the CS and SSO schemes accounted for more than 94% of total social security coverage and the SOE and PS schemes accounted for the rest. Figure 2 represents the ratio of each scheme to the whole population of covered people.

Figure 2: Composition of population with social security including workers and dependents

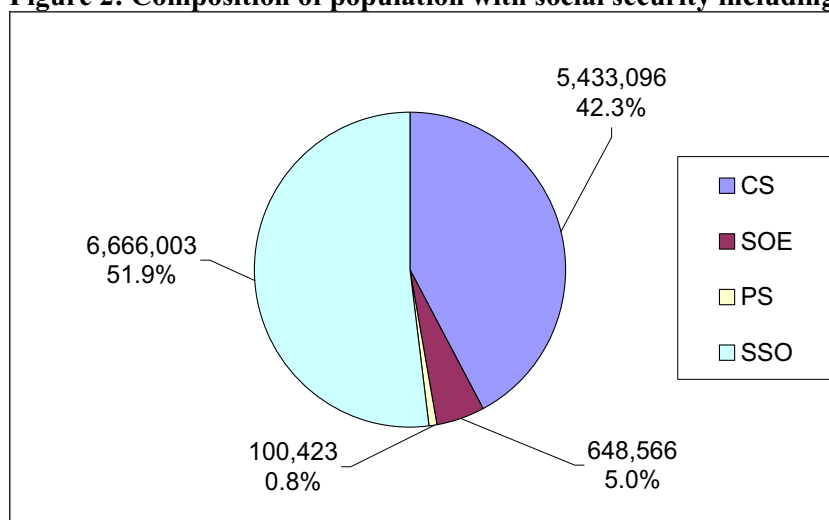


Table 2.1 represents the breakdown of Figure 2 into members of the scheme and their dependants, which included people in the labour force, people who were not in the labour force, and people who were younger than 15 years.

Table 2.1: Breakdown of covered population

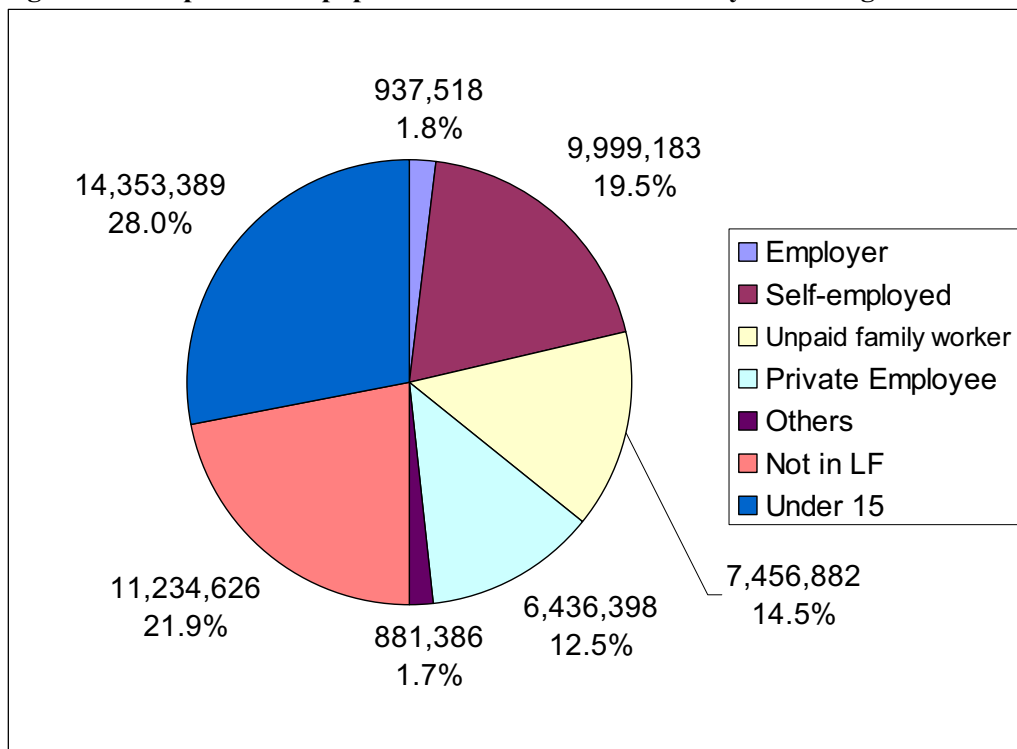
		Member	Dependant	Total
CS	Total	1,750,511	3,682,585	5,433,096
	%	32.2%	67.8%	100.0%
SOE	Total	277,953	370,613	648,566
	%	197,749	155,620	353,369
PS	Total	16,049	24,720	40,769
	%	56.0%	44.0%	100.0%
SSO	Total	6,666,003	0	6,666,003
	%	100.0%	0.0%	100.0%

2.1.3 Composition of people without social security

Figure 3 represents the composition of people without social security coverage according to work status. The non-covered population consisted of 10.0 million self-employed workers, 7.5 million unpaid family workers, 6.4 million private employees, 11.2 million who were not in the labour force, 14.4 million who were under 15 years, and others.

In the Thai Labour Force Survey, if interviewees were hired workers, they were recorded as “private employee” regardless of whether or not their enterprises were registered enterprises with the SSO. On the other hand, not all enterprises were registered i.e. there were un-registered enterprises or enterprises which did not meet the requirement to become registered enterprises (e.g. amount of capital). This was one of the major reasons why there were 6.4 million private employees in the non-covered population despite the fact that SSO extended its coverage to the smallest enterprises in 2002. Another explanation for non-covered private employees could be attributed to atypical employment contracts including temporary or part-time contracts, or gray employment relationships (e.g. homemaker).

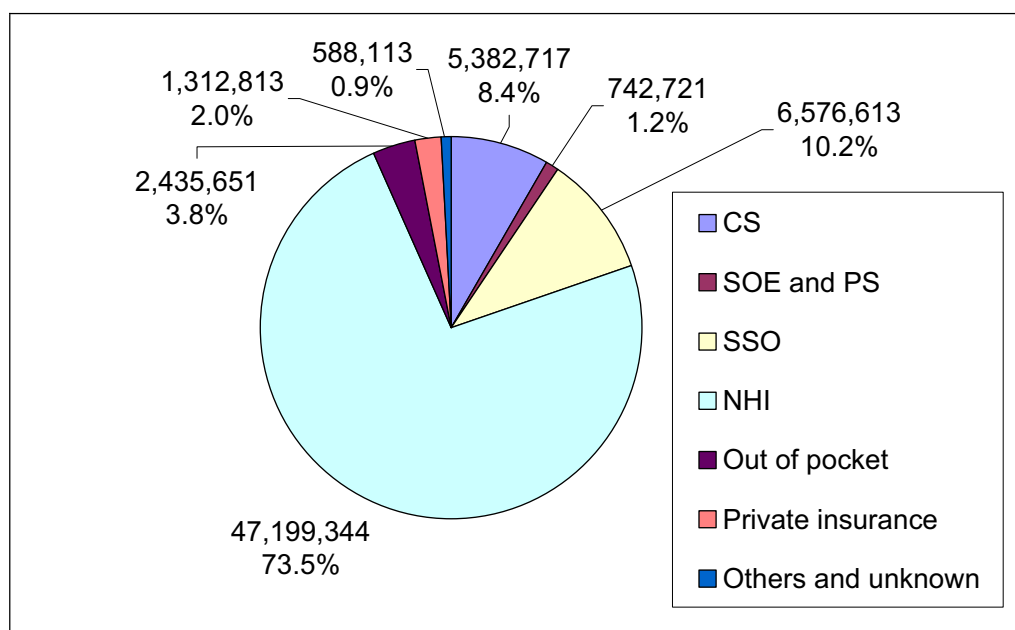
Figure 3: Composition of population without social security according to labour force status



2.1.4 Health care coverage

Figure 4 represents how Thai people financed their medical expenses. 19.8% of people used medical benefit of social security schemes (8.4% for CS, 1.2% for SOE and PS, 10.2% for SSO), 2.0% for private insurances, 73.5% used the National Health Insurance (NHI: so called “30 Baht scheme”), 3.8% paid medical expenses without using either social insurance or NHI, and 2.0% used private insurance.

Figure 4: Main means of financing medical expenditure



2.1.5 Social security coverage by sex

There was little difference in the social security coverage between men and women i.e. the male coverage rate was 20.1% whereas the female coverage rate was 19.9% as shown in Table 2.2 below.

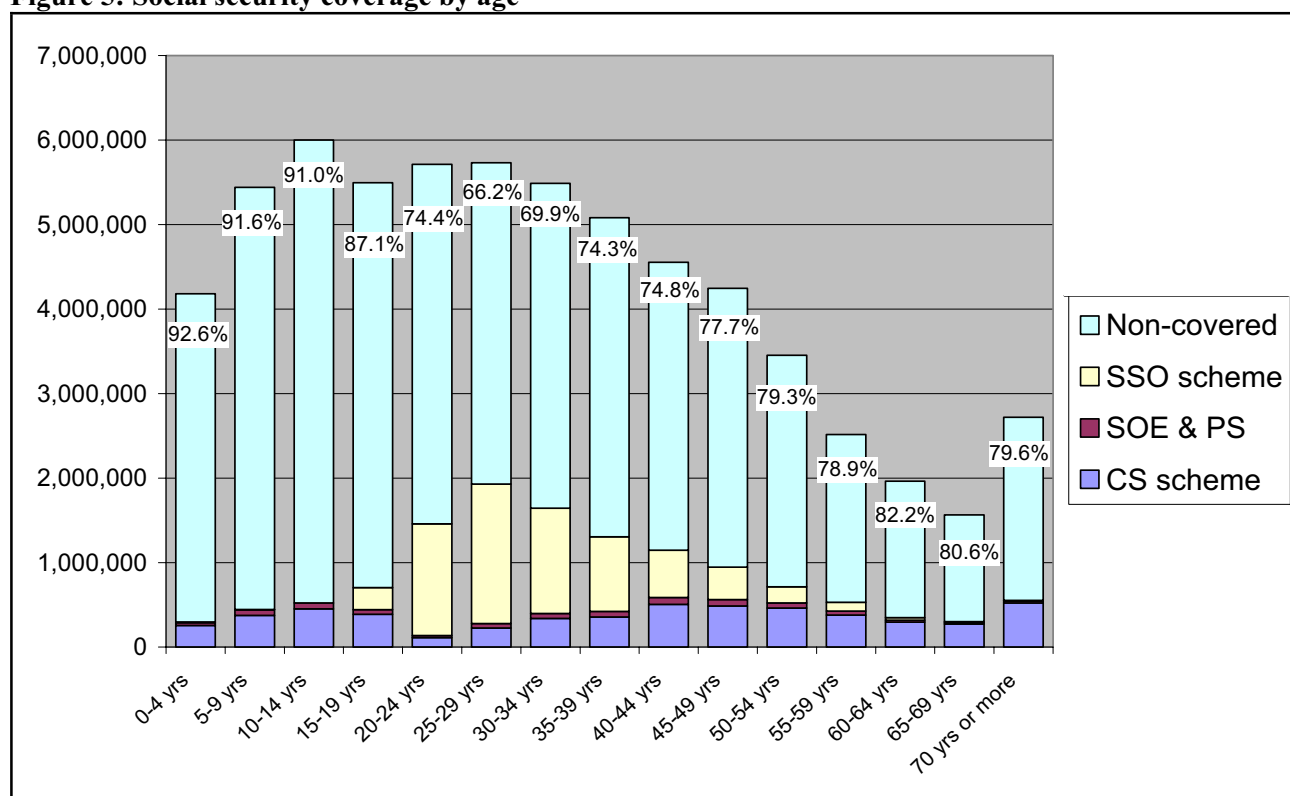
Table 2.2: Social security coverage by sex

	Covered	Non-covered	Unknown	Total
Male	6,431,758	25,511,869	46,629	31,943,627
%	20.1%	79.7%	0.1%	99.9%
Female	6,416,330	25,787,515	43,869	32,247,714
%	19.9%	80.0%	0.1%	100.0%
Total	12,848,080	51,299,384	90,498	64,191,341
%	100.0%	100.0%	100.0%	100.0%

2.1.6 Social security coverage by age

Figure 5 represents social security coverage by age groups in Thailand. Age groups from 20 to 59 years had relatively lower non-coverage rates, ranging from 66.2% (25-29 years) to 78.9% (55-59 years). On the other hand, the rest of the age groups had higher non-coverage rates ranging from 79.6% (70 years or older) to 92.6% (0-4 years). The social security coverage by CS, SOE, and PS schemes extended across all the age groups due to the schemes allowing the parents, spouse, and children of members to join as dependants. As the SSO scheme does not cover dependants, the social security coverage by SSO scheme was seen from the age of 15 and above. The number of SSO insured reached its peak at age group of 25-29 and gradually decreased.

Figure 5: Social security coverage by age

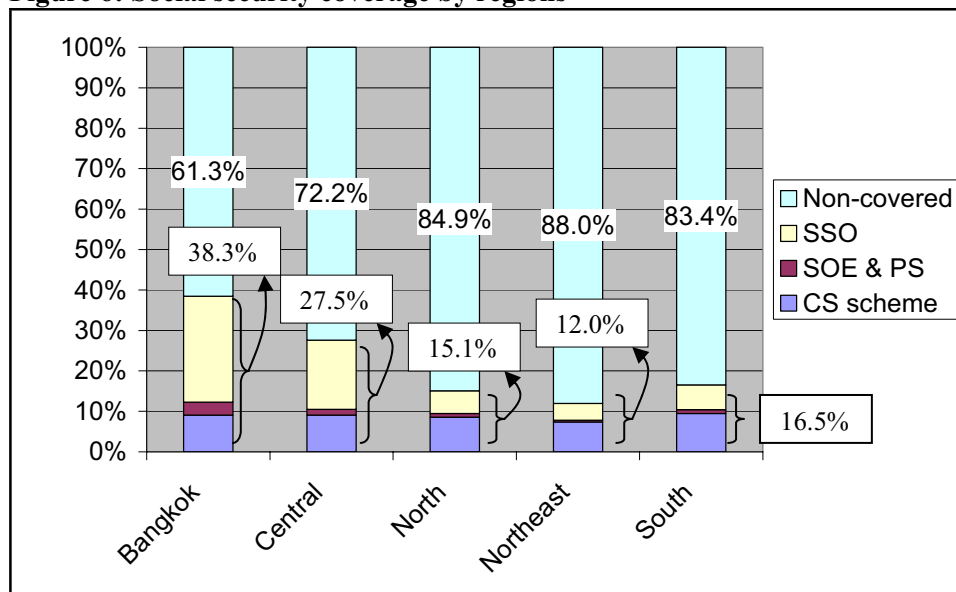


* Percentages indicate percentage of non-covered population for each age category

2.1.7 Social security coverage by regions

Social security coverage rates varied in different regions as shown in Figure 6 below. Social security coverage of Bangkok area was 38.3% and social security coverage of Central region was about 27.5%, whereas social security coverage in other regions did not even reach 20% (15.1%, 12.0 %, and 16.5% for North, North East, and South respectively) although the CS scheme provided social security about 10% social security coverage across the regions. In other words, the economies in the Bangkok and Central regions had developed to the extent that there was a demand for many private employees, which increased social security coverage rate in these two regions.

Figure 6: Social security coverage by regions



2.1.8 Social security coverage by education level (15 years or older)

Table 2.3 represents the social security coverage by education level among all Thai citizens who were more than 15 years old. The general trend of the social security coverage was that the more education a person had, the higher was the probability that a person had social security coverage i.e. 87.6% of people with less than primary education did not have social security coverage whereas 24.4% of people with university level education did not have social security coverage.

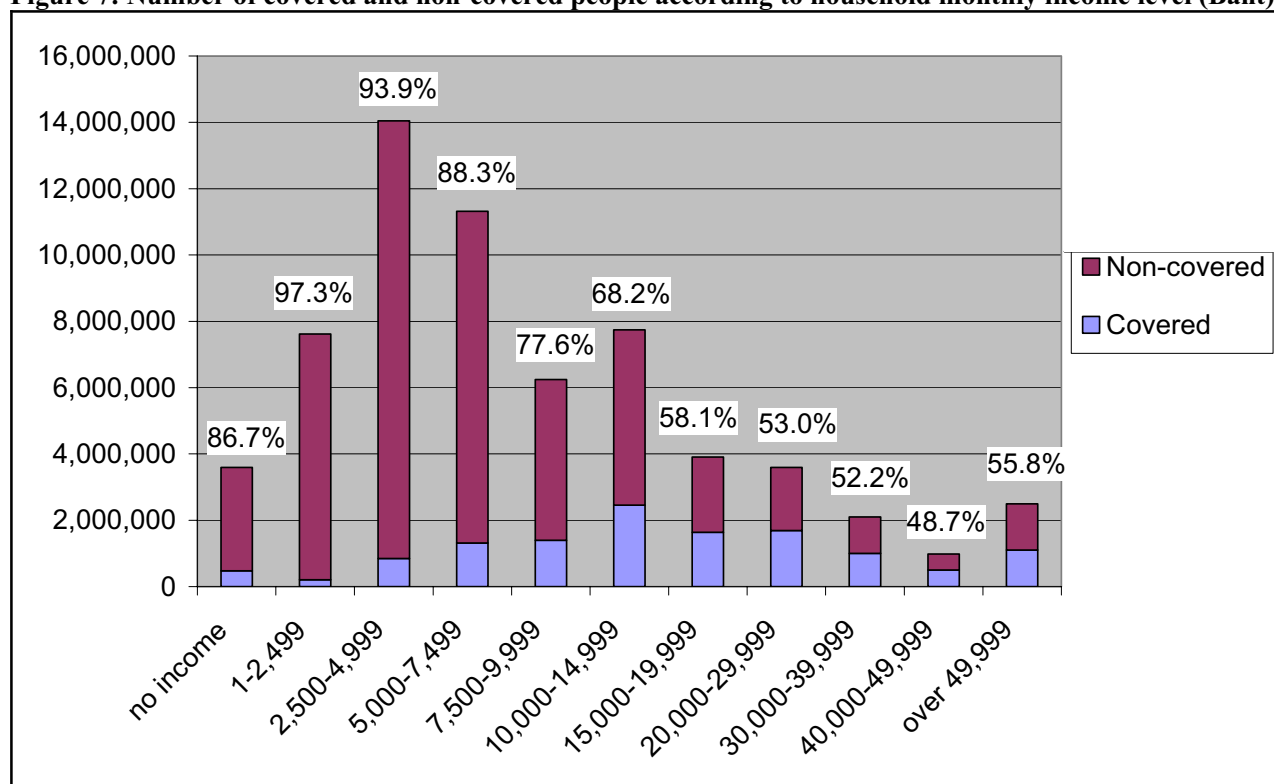
Table 2.3: Social security coverage by level of education

	Covered	Non-covered	Unknown	% of non-covered
Less than elementary level	2,448,486	17,382,747	12,520	87.6%
Elementary level	1,569,293	8,169,553	3,805	83.9%
Lower secondary level	1,978,728	6,171,721	8,848	75.6%
Upper secondary level	2,016,949	3,620,892	13,585	64.1%
Diploma level	911,684	663,363	1,790	42.1%
University level	2,605,678	837,901	5,057	24.3%
Other levels	2,347	8,022	0	77.4%
Unknown	46,359	91,797	2,369	65.3%
Total	11,579,524	36,945,996	47,974	76.1%

2.1.9 Social security coverage by household income

Figure 7 represents social security coverage according to the household monthly income level. The number of people classified by household monthly income peaked in the range of 2,500-4,999 Baht. The percentage of covered people increased as household monthly income increased. The number of covered people peaked in the range of 10,000-14,999 Baht and decreased gradually.

Figure 7: Number of covered and non-covered people according to household monthly income level (Baht)



* Percentages indicate percentage of non-covered population for each household income category

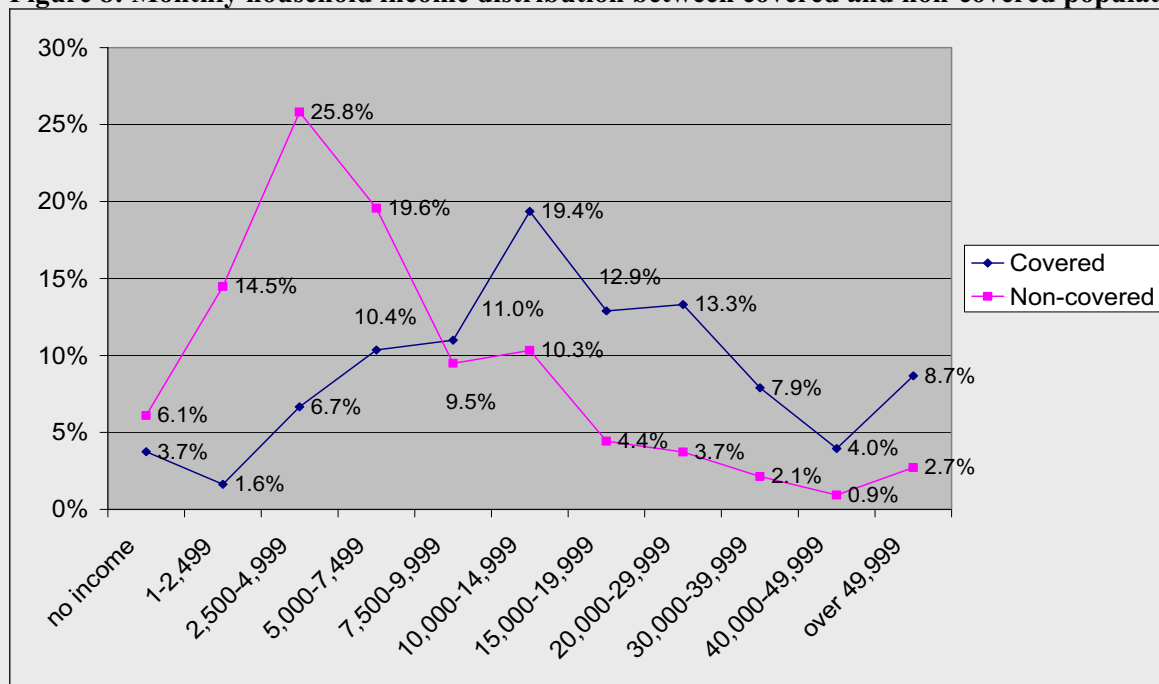
As shown in Figure 7, there was a wide variation of coverage ratio among different levels of household income. Households with a monthly income from “no income” to “10,000-14,999” Baht had a high non-covered rate, ranging from 68.2% to 97.3%, although the number of people in these categories comprised the vast majority of the population (79.1%). The coverage ratio stayed around 50% for those households with a higher monthly income.

BOX 1: Household income analysis of the non-covered population

a) Monthly household income comparison between covered and non-covered population

Figure 8 represents monthly household income distribution of covered and non-covered population. Compared to the income distribution of the covered population, the income distribution of the non-covered population is skewed to the left. The three largest income groups for the covered population were 10,000-14,999 Baht (19.4%), 20,000-29,999 Baht (13.3%) and 15,000-19,999 Baht (12.9%), whereas the three largest income groups for the non-covered population were 2,500-4,999 Baht (25.8%), 5,000-7,499 Baht (19.6%) and 1-2,499 Baht (14.5%).

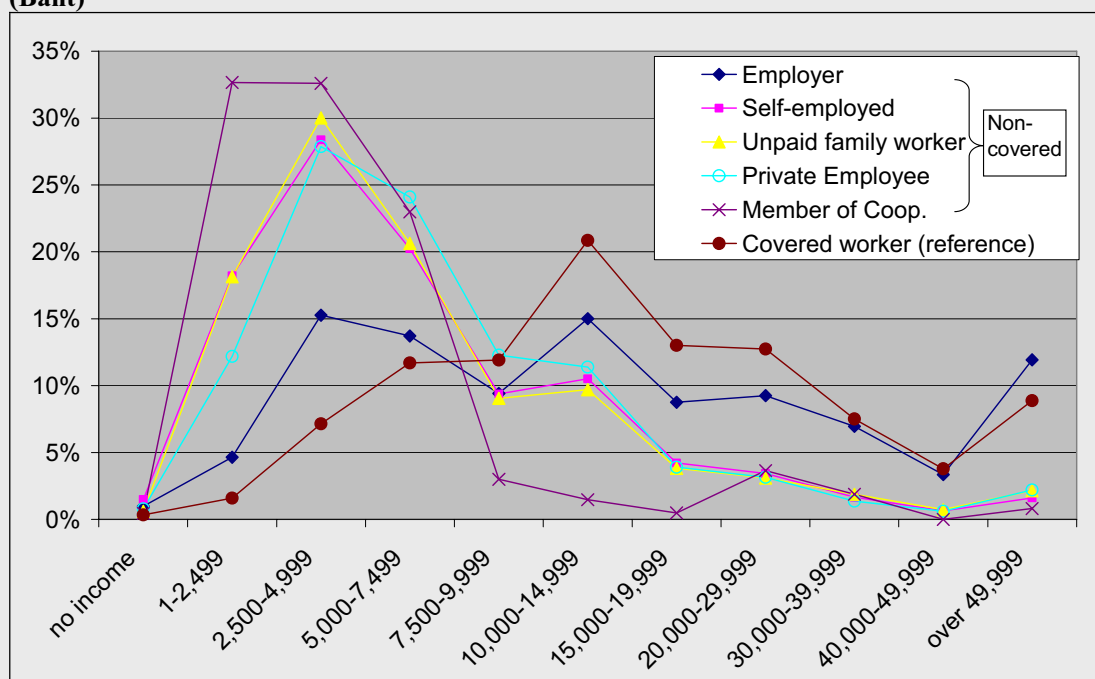
Figure 8: Monthly household income distribution between covered and non-covered population (Baht)



b) Monthly household income comparison among non-covered workers

Figure 9 represents the trends of monthly household income of non-covered workers which showed clear differences in household monthly income among different work status. “Employer” had a similar pattern to that of covered workers with a higher portion allocated in the category of “Over 49,999” (11.9% for employers and 8.9% for the covered workers). Other groups of non-covered workers had similar patterns (e.g. self-employed, unpaid family worker, private employee etc), with peaks in the category of “2,500-4,999” whereas the peak for covered workers was in the category of “10,000-14,000”.

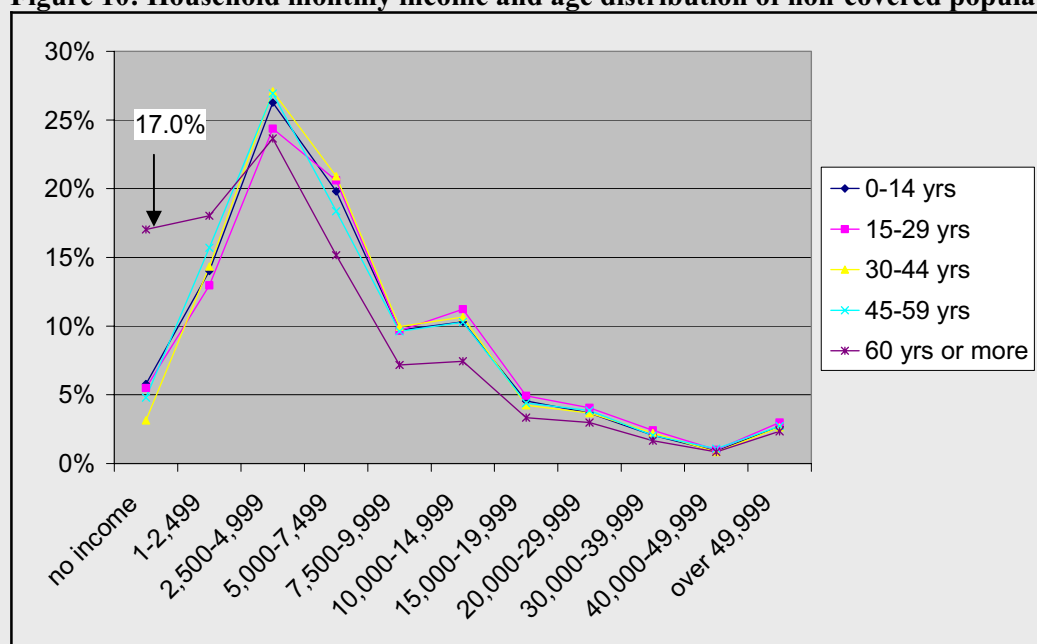
Figure 9: Household monthly income distribution of non-covered population according to work status (Baht)



c) Monthly household income distribution among different age groups of non-covered population

Figure 10 represents household monthly income distribution according to age groups. Percentages in the figure mean the percentage of each age group who fell on different income group (e.g. 10% of 15-29 years in the “no income” means that 10% of people who were 15-29 years had no income). Generally, income distribution among different age groups was similar, but the exception was people who were 60 years old or more with no income who made up 17.0% of people who were 60 years old or more, compared to other age groups (5.8% for 0-14 years, 5.5% for 15-29 years, 3.1% for 30-44 years, and 4.8% for 45-59 years). The elderly poor accounted for a substantial part of the total poor: out of 11,209,773 poor people whose monthly household income was less than 2,500 baht, 629,619 people or 18.7% were aged 60 years or more.

Figure 10: Household monthly income and age distribution of non-covered population



2.2 Social security coverage in the labour force

2.2.1 Social security coverage by labour force participation

Table 2.4 compares social security coverage between people in the labour force, and those who are not in the labour force such as housewives, students, and the elderly as well as those under 15 years. There was an essential difference in the social security coverage between people in the labour force and other people because those who were not in the labour force or under 15 years could only be covered by social security as dependants of either CS, SOE or PS schemes. Extension of the SSO scheme to dependants would significantly increase the number of covered people not in the labour force.

Table 2.4: Social security coverage by labour force participation

	People in labour force	People not in labour force and under 15 years	Total
Covered	9,742,308	3,105,780	12,848,088
Non-covered	25,711,371	25,588,015	51,299,386
Coverage rate	27.5%	10.8%	20.0%
Unknown	29,874	60,625	90,499
Total	35,483,553	28,754,420	64,237,973

Table 2.5 is a decomposition of non-covered people in the labour force in the Table 2.4. Among “Self-employed” and “Unpaid family worker” who formed the majority of non-covered workers, farmers and fishermen accounted for the vast majority i.e. 59.2% of “Self-employed”, and 72.7% of “Unpaid family worker”. 54.7% of all non-covered workers were engaged in agricultural and fishery work.

Table 2.5: Ratio of farmers and fishermen by work status among non-covered workers

	Current labour force						Unemployed or seasonally inactive workers	Total
	Employer	Self-employed	Unpaid family worker	Private Employee	Others	Sub-total		
Farmers and fishermen	13,401	5,921,832	5,418,379	2,256,144	5,251	13,615,007	828,058	14,443,065
Non-farmers & fishermen	924,118	4,077,354	2,038,502	4,180,254	48,079	11,268,307	-	11,268,307
Total	937,519	9,999,186	7,456,881	6,436,398	53,330	24,883,314	828,058	25,711,372
% of farmers and fishermen	1.4%	59.2%	72.7%	35.1%	9.8%	54.7%	-	56.2%

2.2.2 Social security coverage by occupation

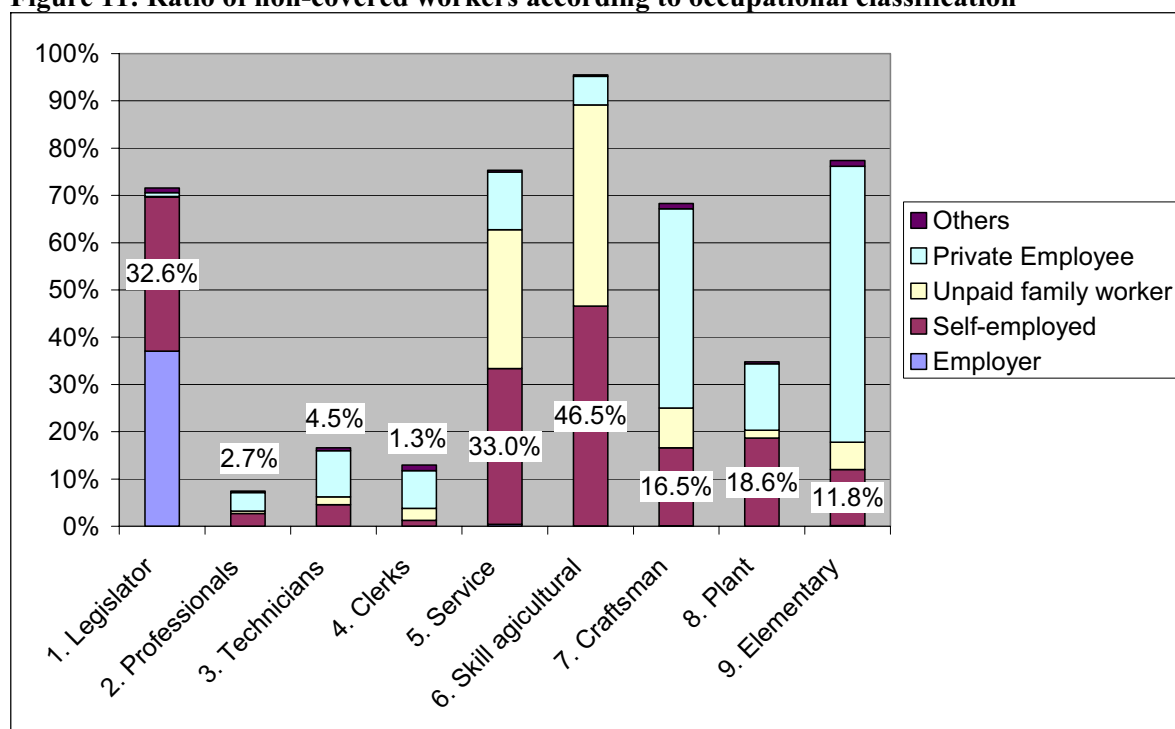
Figure 11 represents the percentage of workers who were not covered by a social security scheme in occupational classification according to International Standard Classification of Occupation (ISCO-88). The major and sub-groups of the occupational classification are shown in the following Table 2.6:

Table 2.6: Major and sub-groups of occupational classification (ISCO-88)

Major group	Major group name	Sub group name
1	Legislator and senior officials and managers	Legislator and senior officials
		Corporate managers
		General managers
2	Professionals	Physical, mathematical and engineering science professionals
		Life science and health professionals
		Teaching professionals
		Other professionals

Table 2.6: Major and sub-groups of occupational classification (ISCO-88) (cont'd)

Major group	Major group name	Sub group name
3	Technicians and associate professionals	Physical and engineering science associate professionals
		Life science and health associate professionals
		Teaching associate professionals
		Other associate professionals
4	Clerks	Office clerks
		Customer services clerks
5	Service workers and shop and market sales workers	Personal and protective services workers
		Models, salespersons and demonstrators
6	Skilled agricultural and fishery workers	Market-oriented skilled agricultural and fishery workers
		Subsistence agricultural and fishery workers
7	Craft and related trades workers	Extraction and building trades workers
		Metal, machinery and related trades workers
		Precision, handicraft, printing and related trades workers
		Other craft and related trades workers
8	Plant and machine operators and assemblers	Stationary plant and related operators
		Machine operators and assemblers
		Drivers and mobile plant operators
9	Elementary occupations	Sales and services elementary occupations
		Agricultural, fishery and related laborers
		Laborers in mining, construction, manufacturing and transport

Figure 11: Ratio of non-covered workers according to occupational classification

*Percentage is the percentage of non-covered self-employed over total workers in each category

The differences in social security coverage varied with the nature of the occupation. The high number of non-covered population in the Legislator category is attributed to the fact that managers or employers were not eligible for social security schemes and were thus left out of the coverage. Typical examples of occupations in the Professionals, Technicians and Clerks categories were academic researchers, doctors, nurses, and office workers. These were usually private employees,

the majority of whom were covered by the SSO scheme. As for occupations in the Service and Skilled agricultural and fishery categories, self-employed and unpaid family workers formed the majority of workers, resulting in a high rate of non-coverage. Lastly, the occupational categories of Craftsman, Plant and machine operators, and Elementary occupations had lower rates of self-employed but high rates of non-coverage. The reasons why private employees were not covered in these classification categories could be either that their enterprises were not registered or their employment contracts were atypical, such as temporary or daily contracts.

The non-covered self-employed were seen across different occupations, occupying a substantial portion of each occupation, ranging from 2.7% to 46.5% of the total employed in each category. This implies the difficulties in extending social security to all self-employed through covering different occupations one by one. In other words, this strategy would require massive administrative, legal and planning work and it is questionable whether this strategy would be feasible and effective if social security schemes aimed at covering all self-employed.

2.2.3 Social security coverage of private employees

Table 2.7 represents the social security coverage of private employees in different sized enterprises. Those who are covered by the CS, SOE, and PS schemes are covered as dependents of those schemes.

Table 2.7: Social security coverage of employees by size of enterprise

Size of enterprise	CS, SOE, and PS schemes	SSO scheme*	Non-covered	Unknown	Total	Non-covered percentage
1-4 persons	35,694	214,153	2,232,570	2,520	2,484,937	89.8%
5-9 persons	24,715	383,191	1,928,283	2,242	2,338,431	82.5%
10-19 persons	28,051	520,050	1,191,437	1,286	1,740,824	68.4%
20-49 persons	33,079	695,438	464,862	4,951	1,198,330	38.8%
50-99 persons	24,096	540,489	140,509	821	705,915	19.9%
100-199 persons	13,505	717,322	98,272	1,075	830,174	11.8%
200 persons or more	47,170	2,544,015	204,238	2,785	2,798,208	7.3%
Governments	-	481,560	160,223	0	661,761	31.9%
Unknown	0	9,055	16,003	0	25,058	63.9%
Total	206,310	6,105,273	6,436,397	15,680	12,783,638	50.3%

* Excluding SSO insured of 560,727 people including salaried employers, voluntary members of self-employed and unpaid family workers, etc.

Table 2.8 represents the breakdown of non-covered private employees in the Table 2.7. The general trend was that the smaller the enterprise, the higher the rate of farmers or a fishermen. Out of 6.4 million non-covered private employees, 2.3 million private employees were engaged in either farming or fishery, accounting for 35.1% of total non-covered private employees.

Table 2.8: Disaggregation of non-covered private employees

Size of enterprise	Non-covered private employee			% of farmers and fishermen
	Non-farmers and fishermen	Farmers and fishermen	Total	
1-4 persons	1,413,502	819,068	2,232,570	36.7%
5-9 persons	1,144,434	783,849	1,928,283	40.7%
10-19 persons	726,469	464,968	1,191,437	39.0%
20-49 persons	354,626	110,236	464,862	23.7%
50-99 persons	123,776	16,733	140,509	11.9%

Table 2.8: Disaggregation of non-covered private employees (cont'd)

Size of enterprise	Non-covered private employee			% of farmers and fishermen
	Non-farmers and fishermen	Farmers and fishermen	Total	
100-199 persons	92,955	5,317	98,272	5.4%
200 persons or more	195,973	8,265	204,238	4.0%
Governments	118,869	41,354	160,223	25.8%
Unknown	9,649	6,354	16,003	39.7%
Total	4,180,253	2,256,144	6,436,397	35.1%

Table 2.9 represents the number of non-covered private employees who were neither farmers nor fishermen according to the size of the enterprise they worked for. The employees of this category were condensed among small enterprises. There were 1.4 million, 1.1 million, and 0.7 million employees working for enterprises with 1-4 employees, 5-9 employees and 10-19 employees respectively. Altogether, these 3.3 million workers were equivalent to 78.6% of the total of such employees.

Table 2.9: Size of enterprise and number of non-covered private employees who were neither farmers nor fishermen

	Private employees who were not farmers or fishermen	
Size of enterprise	Number	Percentage
1-4 persons	1,413,502	33.8%
5-9 persons	1,144,434	27.4%
10-19 persons	726,469	17.4%
20-49 persons	354,626	8.5%
50-99 persons	123,776	3.0%
100-199 persons	92,955	2.2%
200 persons or more	195,973	4.7%
Governments	118,869	2.8%
Unknown	9,649	0.2%
Total	4,180,253	100.0%

A question was asked of employers whether they paid contribution to the SSO. Table 2.10 summarizes the result and compliance rates of employers according to the size of the enterprise. It is clearly shown that the compliance rate increased from 14.2% (enterprises with 1-4 employees) to 81.3% (enterprises with 200 or more employees) as the size of the enterprise increased.

Table 2.10: Contribution payment situation of employers and compliance rates according to the size of the enterprise

	Size of enterprise (number of employees)								Total
	1-4	5-9	10-19	20-49	50-99	100-199	200 or more	Unknown	
Pay	88,585	61,360	39,233	21,980	5,228	4,311	3,808	662	225,167
Do not pay	455,718	212,694	97,089	21,383	3,139	1,349	874	1,776	794,022
Unknown	79,266	34,944	11,422	6,467	1,742	819	0	392	135,052
Total	623,569	308,998	147,744	49,830	10,109	6,479	4,682	2,830	1,154,241
Compliance rate	14.2%	19.9%	26.6%	44.1%	51.7%	66.5%	81.3%	23.4%	19.5%

Table 2.11 shows the reasons why employers did not pay contribution to the SSO. For the employer, regardless of the size of enterprise, the major reason not to join the SSO scheme was “Business is not allowed to register with SSO” except employers whose enterprise size was 50-99 employees. The second most common reason not to pay contribution was a lack of knowledge by employers as to whether they had to register with the SSO i.e. “Do not know whether have to participate”. In general, the smaller the company, the more employers were uncertain whether they should register their business or not.

Percentages of “Company is registered but do not want to pay” and “Do not want to register the company with the SSO” indicated a percentage of enterprises that were obliged to join in the SSO scheme but did not join in practice. Although “Company is registered but do not want to pay” was low across different sizes of enterprise, on average 10.6% of employers who did not pay contribution intentionally did not register their companies with the SSO.

Table 2.11: Reasons for employers not to pay contribution

	Size of enterprise (number of employees)								Total
	1-4	5-9	10-19	20-49	50-99	100-199	200 or more	Unknown	
Company is registered but do not want to pay	0.5%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
Do not want to register the company with SSO	12.0%	8.7%	7.6%	14.0%	14.4%	2.0%	0.0%	0.0%	10.6%
Business is not allowed to register with SSO*	<u>42.0%</u>	<u>53.5%</u>	<u>59.2%</u>	<u>51.7%</u>	33.6%	<u>98.0%</u>	<u>92.1%</u>	<u>36.7%</u>	<u>47.6%</u>
Do not know whether have to participate	27.8%	17.6%	16.4%	11.9%	<u>45.5%</u>	0.0%	7.9%	63.3%	23.3%
Others	16.8%	18.8%	16.2%	22.4%	6.5%	0.0%	0.0%	0.0%	17.3%
Unknown	0.9%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

* Section 4 of Social Security Act excludes the following employees from the coverage of SSO scheme;

- 1) government officials and regular employees of the central administration, provincial administration and local administration except for temporary employees,
- 2) employees of foreign government or international organization,
- 3) employees of employers who have offices in the country and being stationed aboard;
- 4) teachers or headmasters of private schools under the law on private school;
- 5) students, nurse students, undergraduates or interning physicians who are employees of schools, universities or hospitals, and
- 6) other activities or employees as may be prescribed in the Royal Decree.

The Royal Decree excludes the following employees from the coverage of SSO scheme;

- 1) employees of Thai Red Cross;
- 2) employees of State Enterprises; employees in agricultural activities, fishery, forestry and livestock whose employers do not hire employees for the whole year; and
- 3) casual employees or seasonally active employees.

CHAPTER 3

RISK PRIORITY AND SOCIAL PROTECTION NEEDS OF NON-COVERED POPULATION

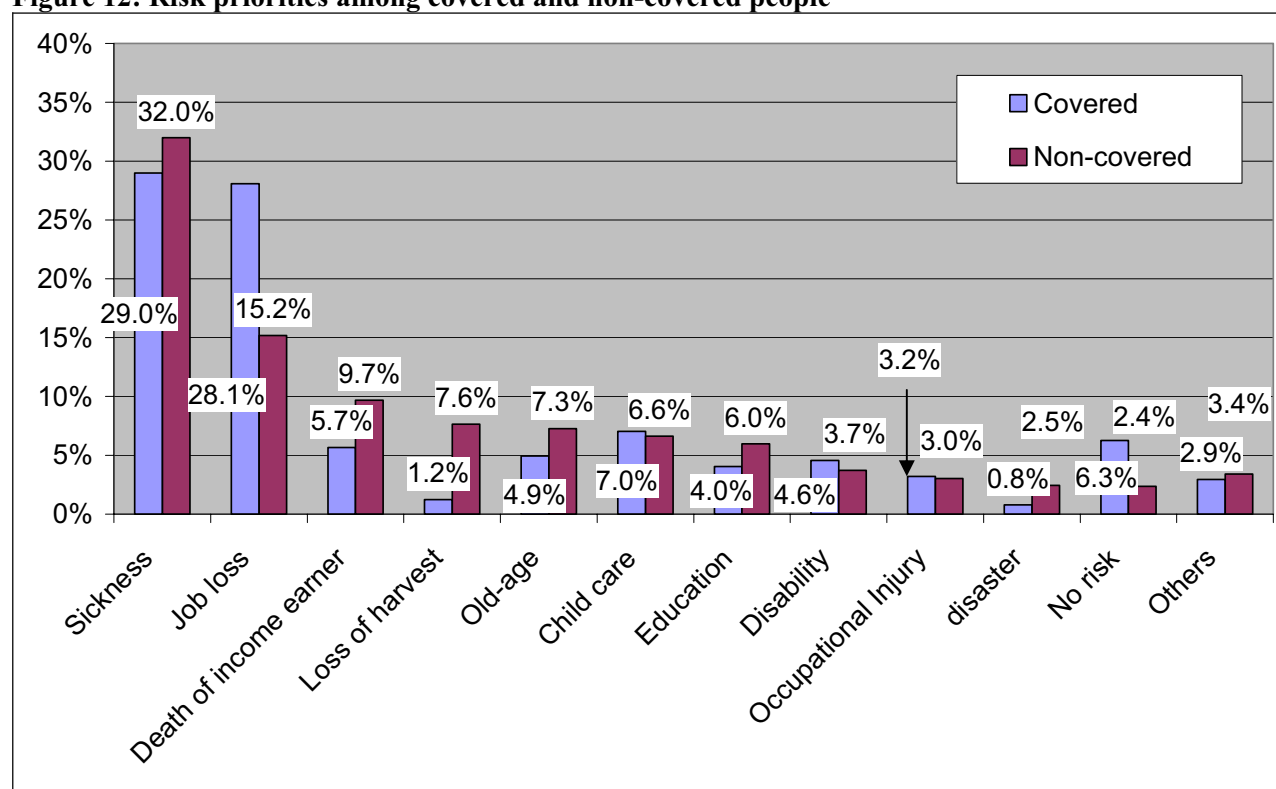
In the Social Security Priority and Needs survey, interviewees who were 15 years or older were asked to choose three risks in life that would cause a financially serious situation, and to prioritize the answers they chose. The choices in the questionnaire were “Sickness”, “Occupational injury”, “Loss of job”, “Becoming old”, “Disability”, “Death of income earners”, “Funeral”, “Maternity”, “Child care”, “Education”, “Natural Disaster”, “Loss of livestock”, “Loss of harvest”, “Others”, and “No risk”. This chapter firstly presents prioritized risks among covered and non-covered people, and later presents social protection needs among non-covered people.

3.1 Risk priority

3.1.1 Comparison between covered and non-covered people

Figure 12 represents the first risk ranking among the entire population of Thailand. Category of “Others” includes such risks as “Funeral”, “Maternity”, “Loss of livestock”, whose first risk percentages were less than 1.0%.

Figure 12: Risk priorities among covered and non-covered people



The three most serious risks for covered people were “Sickness” (29.0%), “Job loss” (28.1%), “Child care” (7.0%) whereas “Sickness” (32.0%), “Job loss” (15.2%), and “Death of income earner” (9.7%) were the three most serious risks for non-covered population.

“Sickness” and “Job loss” were the two largest risks for both covered and non-covered people, although non-covered people considered unemployment a more serious risk than covered people.

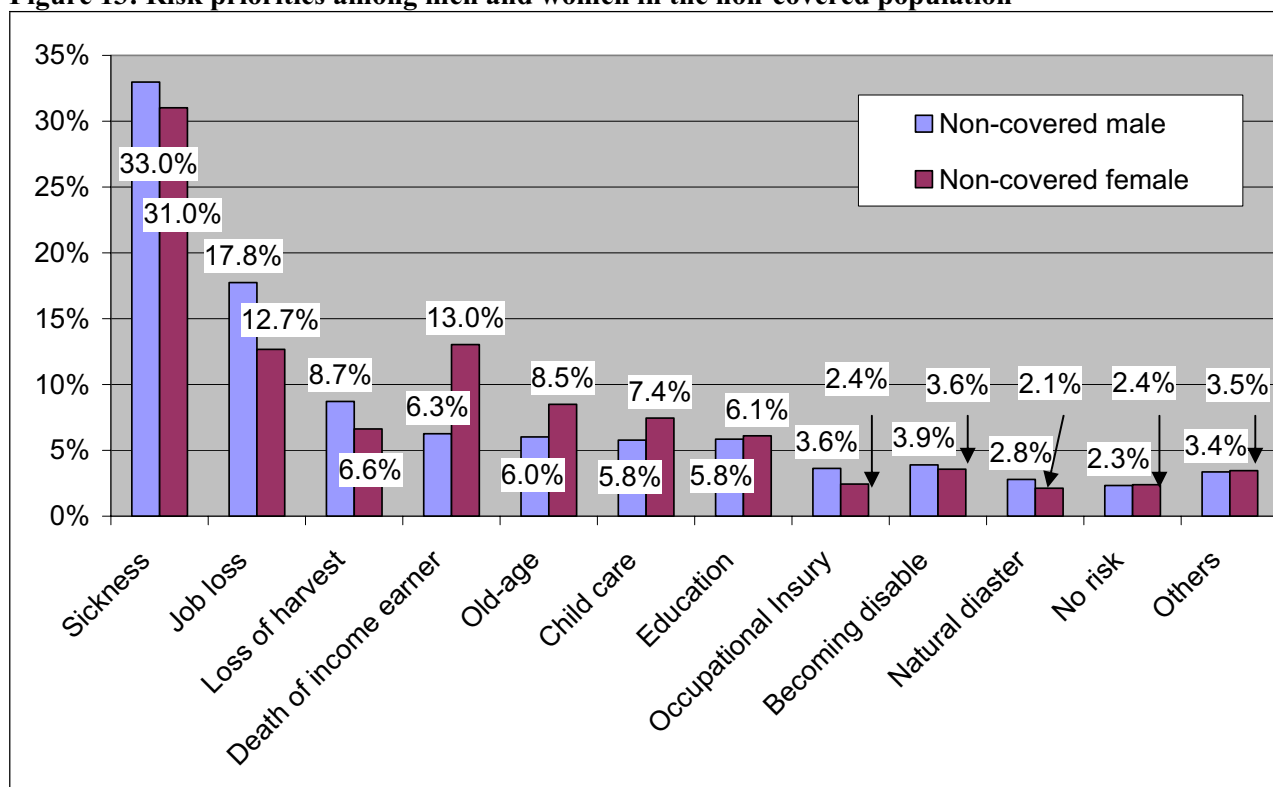
The largest gap between covered and non-covered people is seen in the category of “Loss of harvest”, which is attributed to the fact that many non-covered people engaged in agricultural work while covered people did not.

Sickness was the most serious risk in both covered and non-covered people despite the fact that Thailand achieved universal coverage and all Thai citizens have access to health care through either social security schemes or NHI. Improving quality of health care will be one of the challenges of health care provision in Thailand.

3.1.2 Comparison between men and women in the non-covered population

Figure 13 represents the risk priorities between men and women in the non-covered population. The category of “Others” includes such risks as “Funeral”, “Maternity”, “Loss of livestock”, whose percentage was as low as less than 1.0%. The three largest risks for non-covered men were “Sickness” (33.0%), “Job loss” (17.8%) and “Loss of harvest” (8.7%), while for non-covered women, “Sickness” (31.0%), “Death of income earner” (13.0%) and “Job loss” (12.7%) were the three most serious risks.

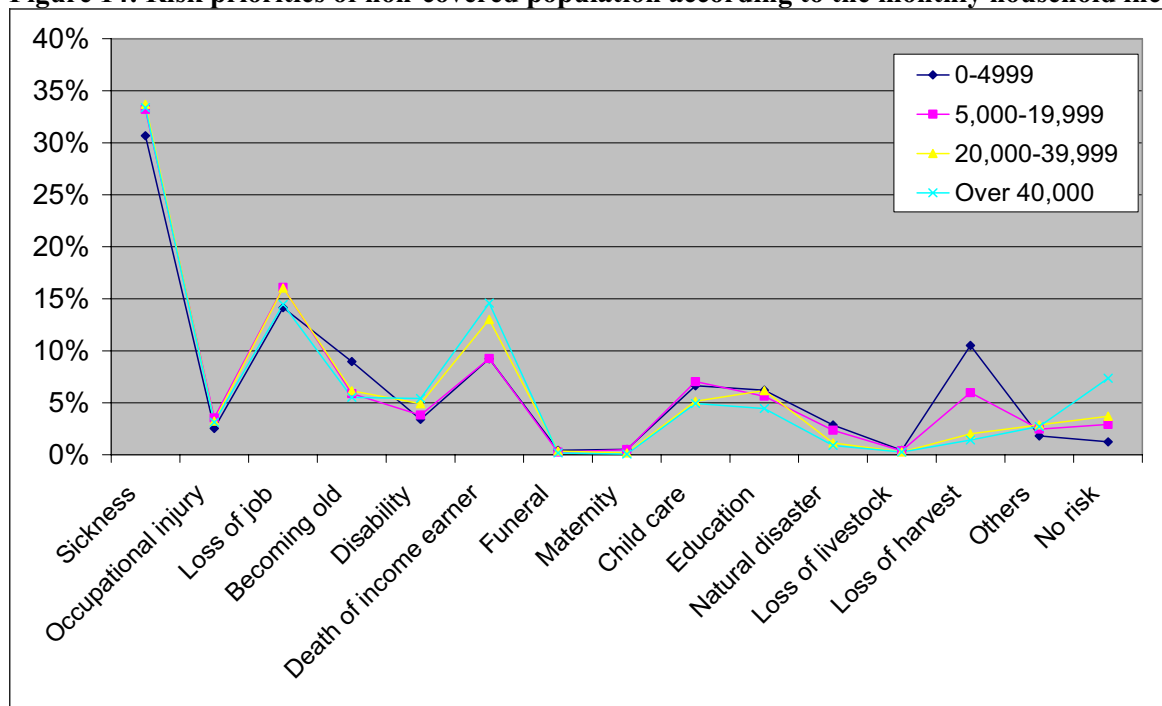
Figure 13: Risk priorities among men and women in the non-covered population



3.1.3 Comparison on the risk priorities of non-covered population by monthly household income

Figure 14 represents the risk priorities of the non-covered population in four groups of different household income. Overall, the four trend lines follow the same pattern. Exceptions are “Death of income earner”, which the higher income groups considered as a more serious risk than the lower income groups, and “Loss of harvest” and “Becoming old”, which the lower income groups considered as more important risks than the higher income groups.

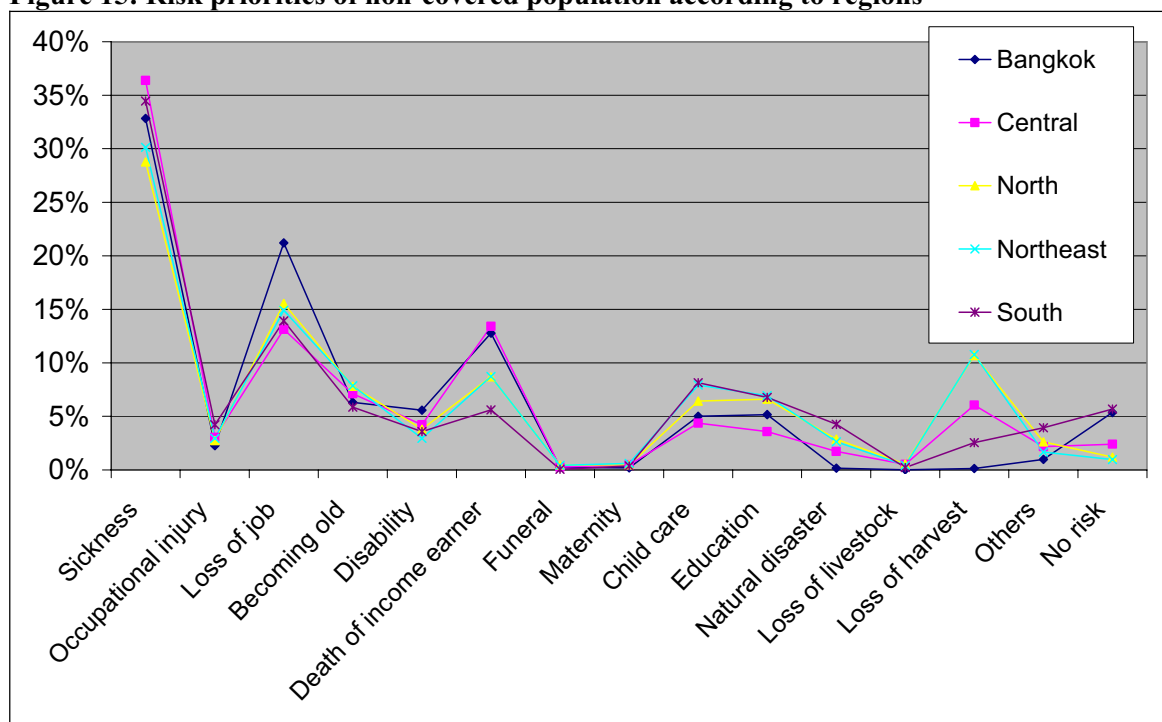
Figure 14: Risk priorities of non-covered population according to the monthly household income



3.1.4 Regional comparison of risk priorities among non-covered population

Figure 15 represents a very similar picture to the risk priorities in Figure 14. One explanation could be that higher income earners mostly lived in urban areas and others in rural areas. The risk priority for loss of job in Bangkok was higher than in any other regions, implying that people in the urban areas need a social protection mechanism other than the traditional mechanism of mutual help.

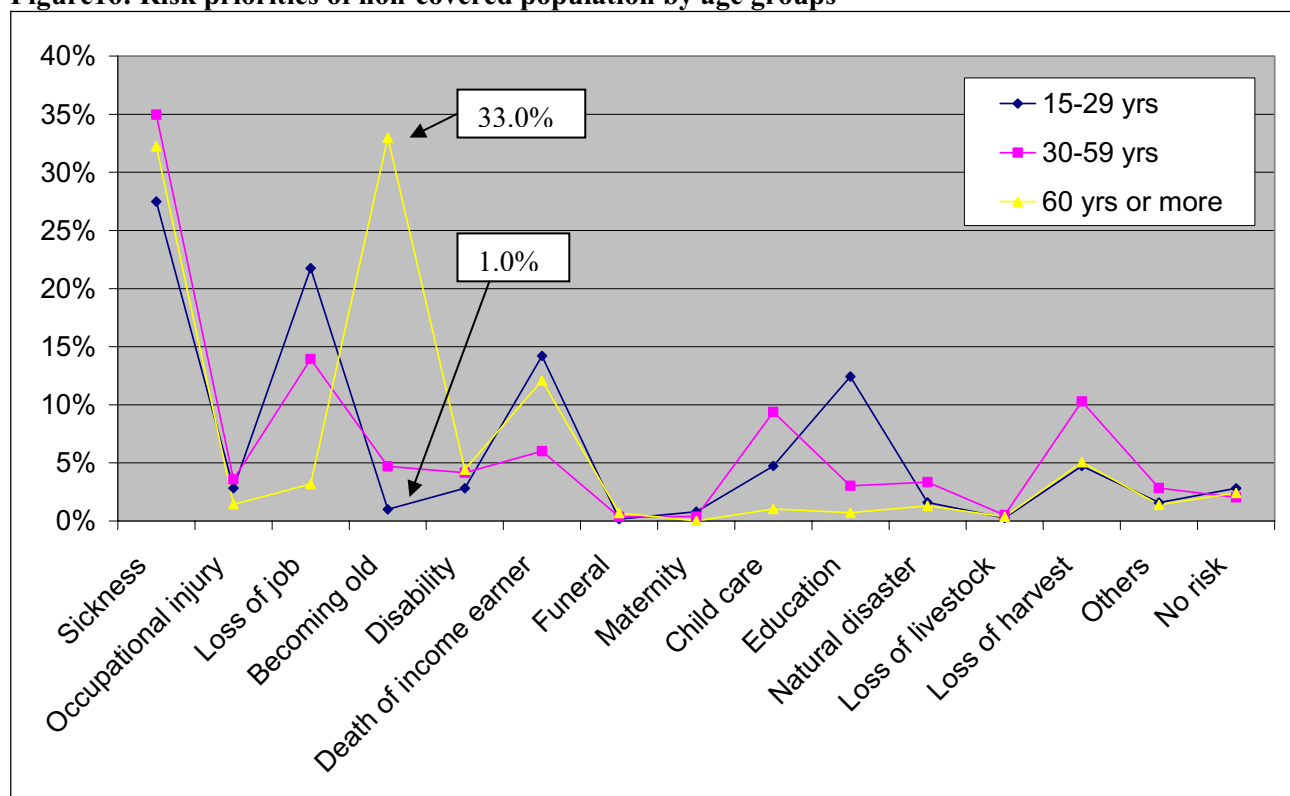
Figure 15: Risk priorities of non-covered population according to regions



3.1.5 Comparison among age groups of non-covered population

Figure 16 represents risk priorities of the non-covered population according to age groups. This graph shows large fluctuations compared to the former graphs, implying that risk factors are strongly correlated with the life stages.

Figure16: Risk priorities of non-covered population by age groups



Three most serious risks by different generations are summarized in the Table 3.1. Sickness is rated highest throughout different age groups (1st risk for 15-29 years old and 30-59 years old, and 2nd risk for 60 years or more). Due to the short-sighted nature of population, the need for income security for old-age substantially increase as people get older (33.0% for 60 years old or more), while people rate this need very low in their youth (1.0%)

Table 3.1: Risk priorities among different age groups

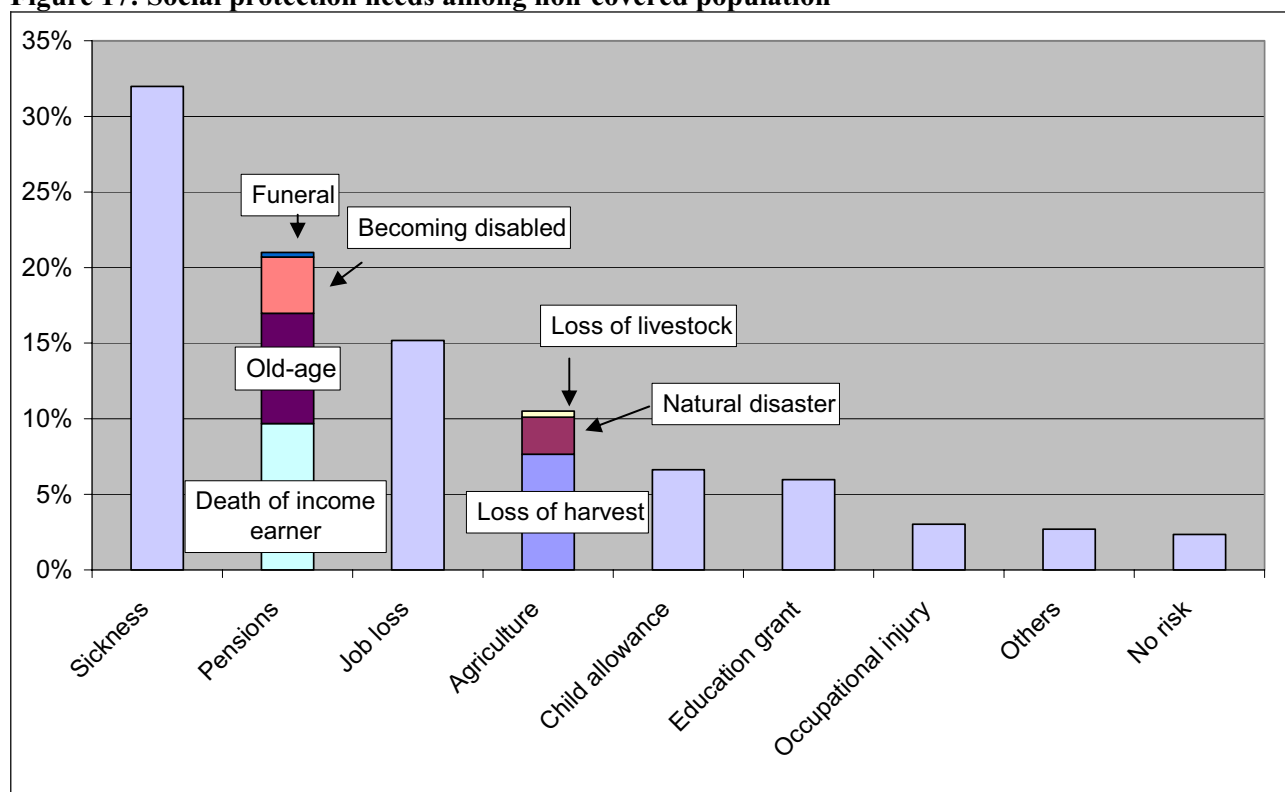
	1 st risk	2 nd risk	3 rd risk
15-29 years old*	Sickness (27.5%)	Job loss (21.7%)	Death of income earner (14.2%)
30-59 years old	Sickness (34.9%)	Job loss (13.9%)	Loss of harvest (10.3%)
60 years or more	Becoming old (33.0%)	Sickness (32.2%)	Death of income earner (12.1%)

*c.f. The risk priority for “Becoming old” for those 15-29 years old was only 1.0%

3.2 Social protection needs

Figure 17 represents social security needs based on risks chosen as the most serious risk among non-covered people who were 15 years or older. Risk of “Maternity” (0.5%) was included in “Others” category since it could not be combined with other social protection needs and the percentage was very small.

Figure 17: Social protection needs among non-covered population



The most needed social protection was “Sickness”, (32.0%) followed by “Pensions” (21.0%), “Job loss” (15.2%), and “Agricultural protection” (10.5%). Table 3.2 shows social protection needs of non-covered people who were 15 years or older by numbers and percentages.

Table 3.2: Social protection needs of non-covered population (15 years or older)

Social protection needs	No. of people	%
Sickness	11,816,270	32.0%
Pensions	7,770,490	21.0%
Job loss	5,607,278	15.2%
Agricultural protection	3,879,327	10.5%
Child care	2,447,918	6.6%
Education grant	2,208,099	6.0%
Occupational injury	1,118,062	3.0%
No risk	810,456	2.4%
Maternity	177,950	0.5%
Others (not including maternity)	988,406	2.2%
Unknown	238,741	0.6%
Total	36,945,986	100.0%

CHAPTER 4

SOCIAL SECURITY BENEFIT NEEDS AMONG NON-COVERED WORKERS

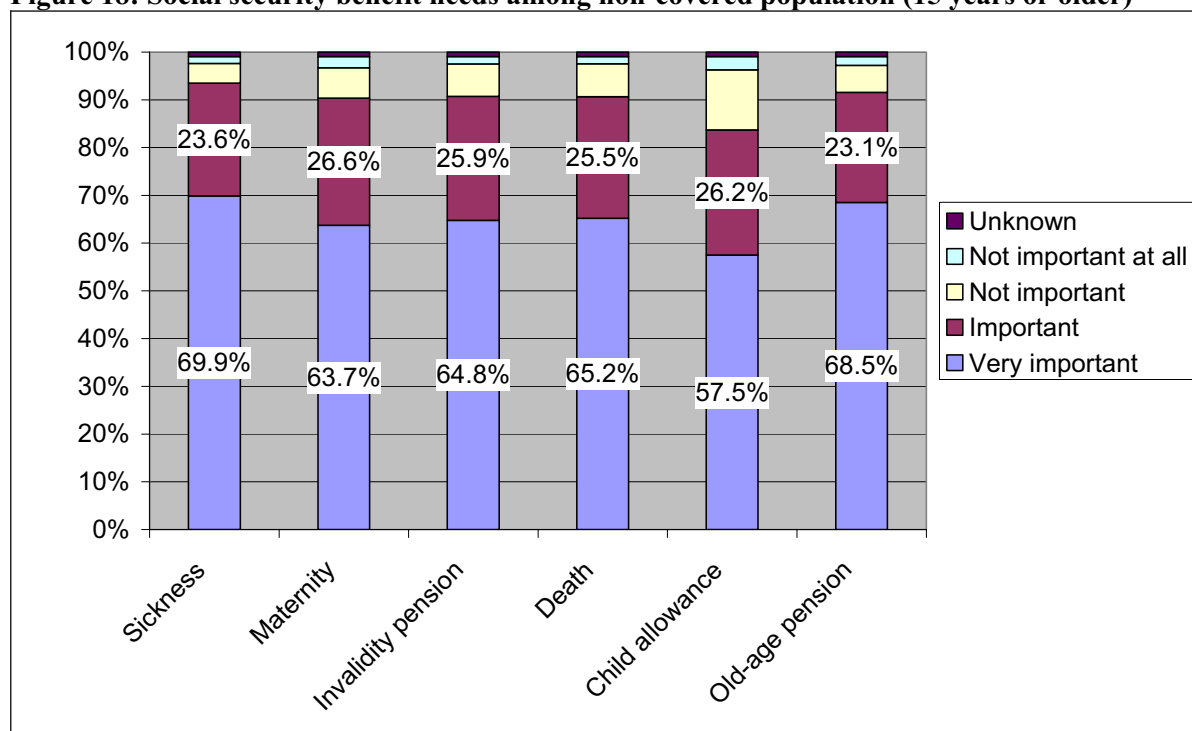
4.1 Social security needs

A series of questions related to social security benefits and willingness to join a social security scheme was asked of employed individuals who were not covered by a social security scheme, including questions such as whether they would like to join a social security scheme, and in cases where they were willing to join, what would be an affordable contribution amount per month and the most suitable payment frequency. For those unwilling to join, a question was asked as to the reasons why they were unwilling to join.

4.1.1 Social security benefit needs

Before the interview, each benefit of the SSO scheme was explained to the interviewees and they were asked how important each benefit was. As shown in Figure 18, all of the benefits were important for non-covered people (15 years or older), and those who answered either “Very important” or “Important” occupied more than 80% of total responses across all the benefits.

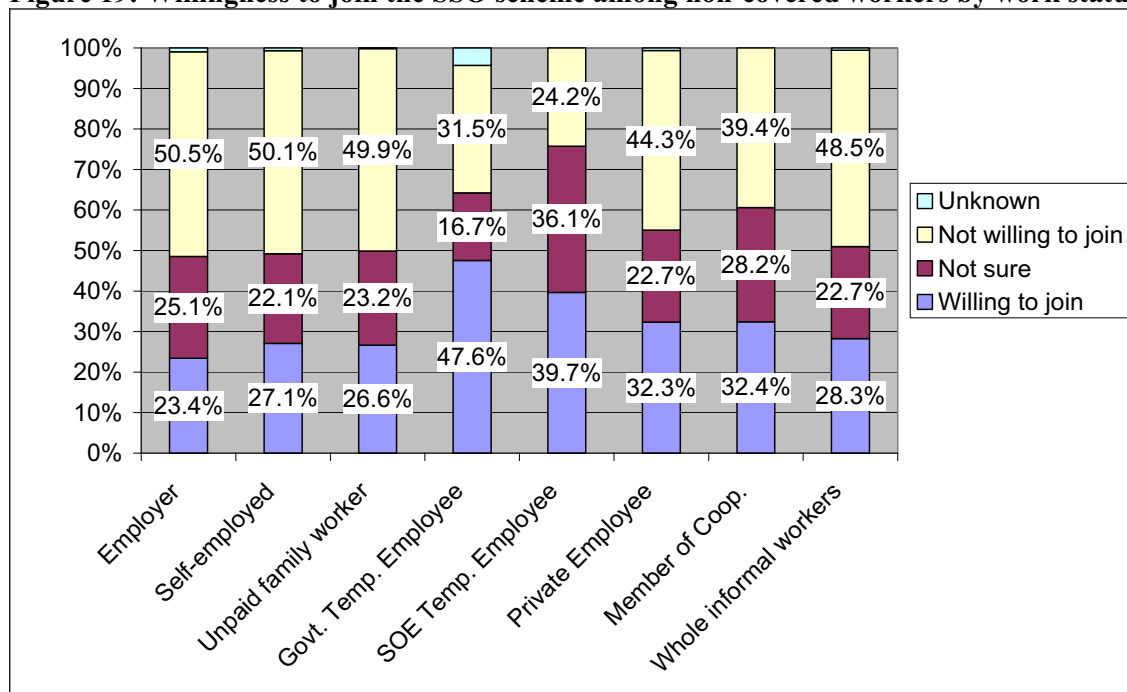
Figure 18: Social security benefit needs among non-covered population (15 years or older)



4.1.2. Willingness to join the SSO scheme

In contrast to the high needs for social security benefits, the willingness to join the SSO scheme was lower as shown in the Figure 19. From all non-covered workers, 28.3% answered “Willing to join”, 22.7% answered “Not sure”, and 48.5% answered “Not willing to join” the SSO scheme. Highest interest in joining the scheme was seen among government temporary workers (47.6%) followed by state enterprise temporary workers (39.7%). Some other non-covered workers were less willing to join: “Employers” (23.4%), “Unpaid family worker” (26.6%), and “Self-employed” (27.1%).

Figure 19: Willingness to join the SSO scheme among non-covered workers by work status groups



4.1.3 Reason why not willing to join the SSO scheme

To those who answered “Not willing to join”, an additional question was asked as to why they were not interested in joining the SSO scheme. Figure 20 represents the reasons by work status group. The major reason was “Not affordable” across the work status groups: Self-employed (65.1%), Unpaid family workers (67.1%), Government temporary workers (59.6%), State-owned enterprise workers (51.6%), private employees (74.3%) and Members of cooperative (78.3%). The exception was employers whose major reason was “Having private insurance” (34.1%).

Figure 20: Reasons for those not willing to join the SSO scheme among non-covered workers by work status groups

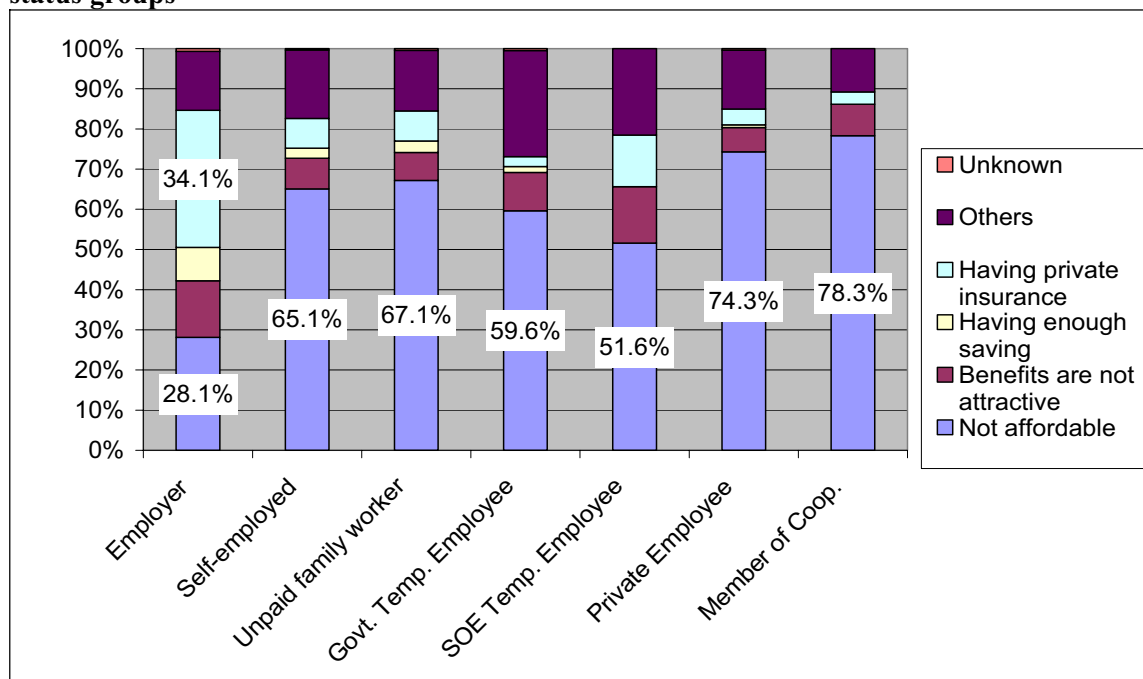
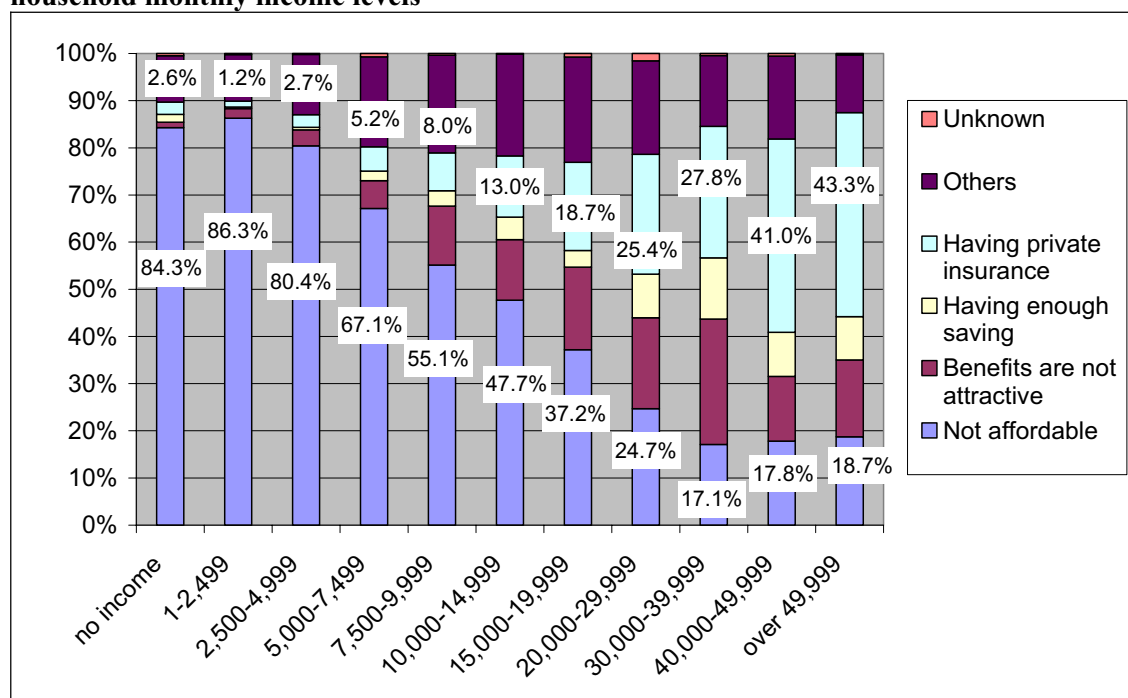


Figure 21 represents reasons for not willing to join the SSO scheme among non-covered workers who were not willing to join by household income level. The trend is that “Not affordable” had the highest percentage among low income earners: No income (84.3%), 1-2,499 Baht (86.3%), 2,500-4,999 Baht (80.4%), and the percentage gradually decreased as monthly household income level increased: 30,000-39,000 Baht (17.1%), 40,000-49,999 Baht (17.8%) and over 49,999 Baht (18.7%). On the other hand, other reasons such as “Benefits are not attractive”, “Having enough savings” and “Having private insurance” accounted for a small percentage among low income earners but were major reasons for high income earners.

Figure 21: Reason for those not willing to join the SSO scheme among non-covered workers by household monthly income levels



4.1.4 Amount and frequency of contribution

Questions on the affordable amount of monthly contribution to cover themselves and preferred frequency of contribution payment were asked to those non-covered workers who answered “willing to join”.

Table 4.1 represents the affordable amount of monthly contribution, which consisted of 24.2% of who answered “Less than 50” Baht, 28.8% of “50-99” Baht, 29.0% of “100-149” Baht, which together accounted for 82.0% of total interviewed.

Table 4.1: Affordable monthly contribution amount (Baht)

	Less than 50	50-99	100-149	150-199	200-249	250 or more	Un-known	Total
Percentage	24.2%	28.8%	29.0%	5.7%	5.4%	6.8%	0.1%	100.0%
No. of people	1,704,459	2,029,360	2,037,068	402,235	379,124	478,684	3,571	7,034,501

Figure 22 represents the break down of Table 4.1 into different work status groups. Each work status group shows a similar pattern of distribution i.e. about 25% accounted for less than 50 Baht,

about 25-30% accounted for 50-99 Baht, about 20-30% accounted for 100-149 Baht, and about 20% accounted for more than 150B. Exceptions were employers and members of cooperatives, both groups willing to pay a higher contribution.

Figure 22: Affordable monthly contribution amount by work status groups (Baht)

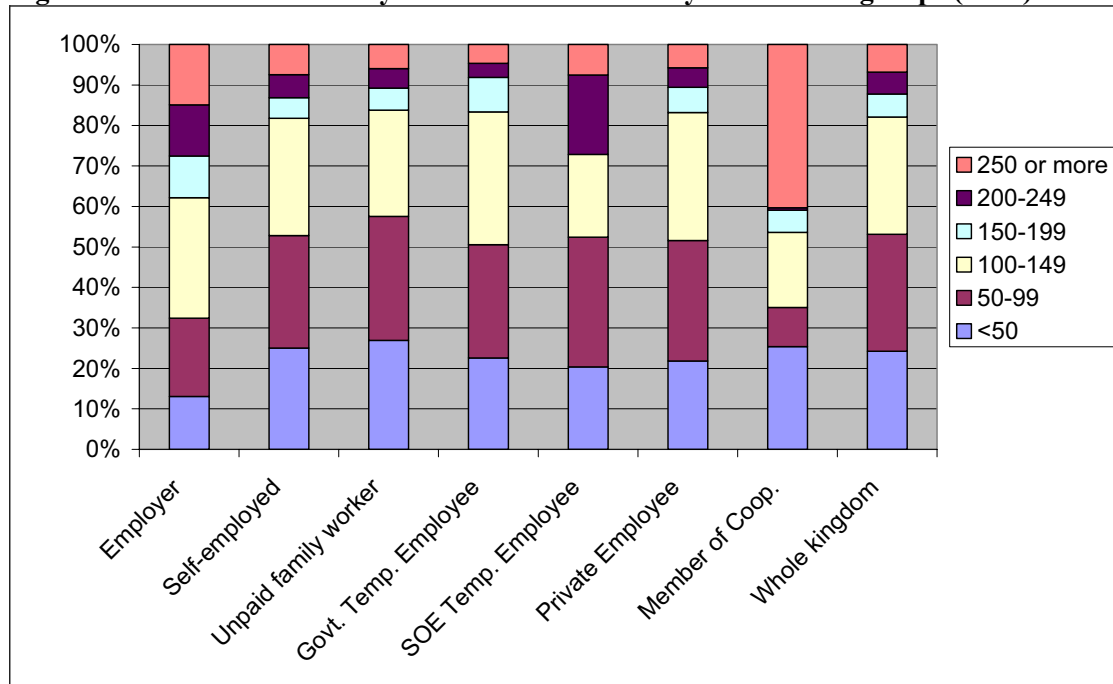
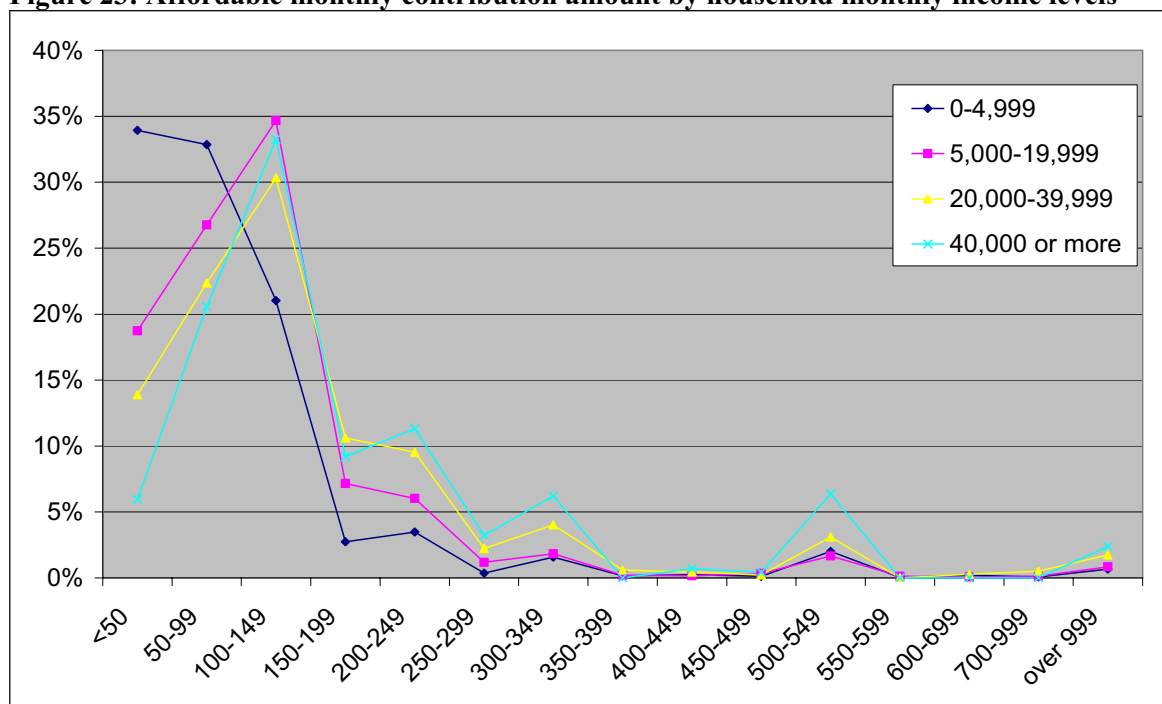


Figure 23 represents affordable monthly contribution according to household income level. The trend of low income households was that most people answered “Less than 50 Baht” per month (33.9%), and percentages decreased as contribution amounts rose. Other groups shared similar trends with their peak in the range of 100-149 Baht and gradually decreasing as contribution amounts rose.

Figure 23: Affordable monthly contribution amount by household monthly income levels



BOX 2: Analysis of contribution and benefits

a) Average household monthly income of a worker insured with the SSO scheme

Table 4.2 represents wage categories and numbers of workers registered with the SSO scheme. The wage category of most of the insured was around 3,001-6,000 Baht, and an estimate of the average salary of all workers insured by the SSO scheme for the contribution basis was around 6,400 Baht.

Table 4.2 Wage and number of registered workers with the SSO scheme as of December 2003

Wage (Baht)	Registered member under article 33 (A)	Contribution basis* (Baht) (B)	(A)*(B)
1,650	202,389	1,650	333,941,850
1,651 - 2,000	127,170	1,825	232,085,250
2,001 - 3,000	441,723	2,500	1,104,307,500
3,001 - 4,000	1,139,083	3,500	3,986,790,500
4,001 - 5,000	1,879,900	4,500	8,459,550,000
5,001 - 6,000	914,771	5,500	5,031,240,500
6,001 - 7,000	583,268	6,500	3,791,242,000
7,001 - 8,000	383,253	7,500	2,874,397,500
8,001 - 9,000	262,749	8,500	2,233,366,500
9,001 - 10,000	233,742	9,500	2,220,549,000
10,001 - 11,000	143,024	10,500	1,501,752,000
11,001 - 12,000	130,213	11,500	1,497,449,500
12,001 - 13,000	99,102	12,500	1,238,775,000
13,001 - 14,000	82,864	13,500	1,118,664,000
14,001 - 15,000**	69,274	14,500	1,004,477,408
15,000 or more**	741,712	15,000	11,125,675,440
Sum	7,434,237	-	47,754,263,948
Average monthly wage	-	-	6,424

* Middle of wage categories

** Estimates:

a) Number of workers in the category of “14,001-15,000”:

The number of registered “14,001-15,000” was estimated as 69,272, which is 83.6% of the number of workers in the previous wage band (83.6% was the average rate of change of the previous three wage bands)

b) Number of workers in the category of “15,001 or more”:

In the original data, the number of people whose income is 14,001 or more was given as 810,986, from which 69,274 estimated as those in the wage band of 14,001-15,000 was deducted and 741,712 was obtained.

Source: Research and Development Division, Social Security Office

b) Average monthly household income and monthly individual income of a worker of the insured with the SSO scheme and non-covered workers

Table 4.3 represents the estimated average monthly household income of the insured with the SSO scheme and non-covered population, their estimated average monthly wages, and estimated average individual monthly contribution⁵. The estimated monthly household income of the SSO insured was around 18,800 Baht and that of the non-covered population was around 9,200 Baht, which is

⁵ Estimated average monthly household income of the insured with (without) the SSO scheme is the estimated average monthly income of households which had at least one (no) worker insured with the SSO scheme.

less than half of the household monthly income of the insured with the SSO scheme. Assuming there was no difference in the average number of workers between households of the insured with the SSO scheme and households of non-covered population, the estimated average individual monthly income of a worker in non-covered population was calculated at around 3,100 Baht whereas that of the workers insured with the SSO scheme was around 6,400 Baht. This lead to the estimated average monthly contribution amount, excluding contributions from government and employers, of the workers in non-covered population to be around 160 Baht whereas that of the workers insured with the SSO scheme was around 320 Baht.

Table 4.3 Average monthly household and individual income of the insured with the SSO scheme and non-covered population as of December 2003

	Middle of income band	The insured with the SSO scheme		Non-covered population	
Income band (Baht)	A	B	A*B	C	C*A
No income	0	40,465	0	3,117,866	0
1-2,499	1,250	79,659	99,573,750	7,405,617	9,257,021,250
2,500-4,999	3,750	492,228	1,845,855,000	13,200,069	49,500,258,750
5,000-7,499	6,750	870,204	5,873,877,000	9,999,188	67,494,519,000
7,500-9,999	8,750	867,585	7,591,368,750	4,849,706	42,434,927,500
10,000-14,999	12,500	1,482,227	18,527,837,500	5,281,009	66,012,612,500
15,000-19,999	17,500	826,165	14,457,887,500	2,269,104	39,709,320,000
20,000-29,999	25,000	685,310	17,132,750,000	1,905,610	47,640,250,000
30,000-39,999	35,000	387,298	13,555,430,000	1,095,082	38,327,870,000
40,000-49,999	47,500	198,643	9,435,542,500	479,104	22,757,440,000
Over 49,999	60,000	551,688	33,101,280,000	1,390,522	83,431,320,000
Unknown	-	38,837	-	132,518	-
Sum		6,520,309	121,621,402,000	51,125,395	466,565,539,000
Estimated average household monthly income			18,764	-	9,150
Estimated average individual monthly income of a worker			6,424	-	3,132 ⁶
Estimated average monthly contribution (5% of monthly wage)			321	-	157

c) Contribution allocation according to benefits in the SSO scheme

The estimated monthly individual contribution of the insured in the SSO scheme at a contribution rate of 5.0% of the monthly wage was about 320 Baht⁷. To the SSO scheme, not only employees but also employers and government pay contributions. In total about 820 Baht contribution is necessary to provide all the SSO benefits. Table 4.4 represents contribution allocation according to benefits and contributors.

⁶ Estimated average individual monthly income of the non-covered was calculated as estimated average individual monthly income (6,424 Baht)*Estimated average household monthly income of non-covered population (9,150 Baht) divided by Estimated average individual monthly income of the SSO insured (18,764 Baht), assuming there was no difference in the average number of workers in the household of the insured with the SSO scheme and the household of non-covered. The average number of workers in the household in the informal economy may have been larger and thus the average individual monthly income may have been smaller since the insured with the SSO were much younger.

⁷ An estimated average monthly wage of 6,424 baht from Table 4.2 was rounded to 6,400 Baht, which was used as the contribution basis.

The non-covered population willing to pay contribution was asked about affordable contribution, which averaged about 120B⁸. This was about 40 Baht less than the 5.0% of estimated average monthly income of a worker in the non-covered population. It was clear that neither the affordable amount of 120 Baht nor 160 Baht, which was 5.0% of the estimated average monthly income, were not enough to cover any benefit packages and an additional contribution of around 700 Baht per month was needed.

Table 4.4: Estimates of average contribution allocation to benefits in the SSO scheme as of December 2003 (Baht)

Social security benefits	Employers	Employees	Government	Total
Sickness, maternity, invalidity, and death benefit	96 (1.5%)	96 (1.5%)	96 (1.5%)	289 (4.5%)
Old-age pension, survivors' benefits and child allowance	192 (3.0%)	192 (3.0%)	64 (1.0%)	448 (7.0%)
Unemployment	32 (0.5%)	32 (0.5%)	16 (0.25%)	80 (1.25%)
Total contribution	320 (5.0%)	320 (5.0%)	176 (2.75%)	816 (12.75%)

Table 4.5 represents preferred payment frequency. Across work status groups, the same strong pattern was seen i.e. majority of people preferred “Once a month” followed by “Once a year”.

Table 4.5: Preferred payment frequency by work status groups

	Employer	Self-employed	Unpaid family worker	Private Employee	Member of Coop.	Non-covered workers
Once a week	0.3%	0.6%	0.4%	0.2%	0.0%	0.4%
Once every two weeks	0.3%	0.4%	0.4%	0.2%	0.0%	0.4%
Once a month	74.4%	65.2%	59.6%	74.4%	49.4%	66.6%
Once every two months	0.8%	1.7%	2.0%	2.0%	0.0%	1.9%
Once every 3 months	2.2%	2.3%	2.4%	1.9%	0.0%	2.2%
Once every 6 months	2.8%	4.7%	5.0%	2.4%	14.4%	4.0%
Once a year	17.1%	23.0%	27.5%	16.6%	36.3%	22.2%
Undecided	2.2%	2.0%	2.6%	2.3%	0.0%	2.3%
Unknown	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

4.2 Willingness to extend social security coverage to spouse of SSO members

A question on the social security extension to the non-covered spouse of SSO members was asked of married SSO members. Table 4.6 shows the composition of spouses of SSO members: there were about 3.3 million married SSO members with about 1.8 million spouses of these SSO members covered by a social security scheme i.e. CS scheme, SOE scheme, and PS scheme, leaving about 1.4 million non-covered spouses of SSO members.

⁸ Medians of affordable contribution amount of each category were used. For those willing to pay more than 999 Baht, 1,000 Baht was used as the affordable contribution amount.

Table 4.6: Social security coverage of spouse of SSO members

	Non-covered spouse of SSO members	Spouse of SSO members covered by a social security scheme	Unknown	Total
Number of Spouses	1,407,012	1,830,297	99,622	3,336,931

For those SSO members whose spouses were not covered by social security schemes, a question was asked whether SSO members would like to pay an additional contribution for the provision of sickness, old-age and invalidity pension benefits. About half of the respondents were willing to pay additional contributions whereas about 35% were not willing to pay and some 10% were not certain, as summarized in the table below.

Table 4.7: Willingness to extend the SSO scheme coverage to SSO member's non-covered spouse

	Yes	No	I don't know
Sickness	51.8%	35.3%	12.9%
Old-age pension	49.7%	35.9%	14.4%
Invalidity pension	50.8%	35.2%	14.0%

CHAPTER 5

STUDY ON SPECIFIC GROUPS IN THE NON-COVERED POPULATION

Although the ultimate target of social security extension is the whole non-covered population examined in the previous chapters, this chapter examines some characteristics of the specific groups in the non-covered population. The specific non-covered groups include:

- a) non-covered workers such as
 - 1) Self-employed without employees,
 - 2) Agriculture and fishery workers,
 - 3) Transportation workers (taxi, Tuktuk, motor bike and van drivers),
 - 4) Construction workers,
 - 5) Domestic workers,
 - 6) Street vendors, and
 - 7) Homeworkers,
- and b) non-covered groups which include both workers and non-workers such as
 - 8) Members of low income households (monthly household income was less than 2,500 Baht),
 - 9) The elderly (people who were 55 years or older), and
 - 10) Elderly widow/ers (widow/ers who were 55 years or older).

These specific groups were not mutually exclusive e.g. some of homeworkers could be farmers or the elderly. Thus, the sum of specific groups did not add up to the total non-covered population. Detailed definitions of specific groups are listed in Appendix A.

5.1 Basic information

5.1.1 Social security coverage ratio

Table 5.1 represents social security coverage among specific groups in the non-covered population. The largest specific groups were “Agriculture and fishery workers” (about 13.6 million) followed by “Low income household members” (about 10.5 million) and “Self employed without employees” (about 10.0 million). The highest non-coverage ratio was observed in “Agriculture and fishery workers” (95.6%) followed by “Street vendors” (95.0%) and “Low income household members” (93.9%). On the other hand, the non-coverage ratio of “Transportation workers” was the lowest (64.8%), suggesting that 35.2% of such workers were covered by social security schemes.

Table 5.1: Non-coverage ratio of specific groups in the non-covered population

	Covered population	Non-covered population	Total population	Non-coverage ratio
Agriculture and fishery workers	627,758	13,615,004	14,242,762	95.6%
Low income household members	681,922	10,523,484	11,205,406	93.9%
Self employed w/o employees	753,670	9,999,186	10,752,856	93.0%
The elderly	1,731,798	7,030,893	8,769,928	80.2%
Elderly widow/ers	385,465	2,114,717	2,501,681	84.5%
Construction workers	122,337	800,119	922,456	86.7%
Street vendors	37,805	715,520	753,325	95.0%
Homeworkers	70,861	701,039	771,900	90.8%
Transportation workers	287,586	529,080	816,666	64.8%
Domestic workers	19,647	170,915	190,562	89.7%

5.1.2 Age and sex distribution

Table 5.2 represents male/female distribution of each specific group in the non-covered population. The specific group with the highest male ratio was “Transportation” (96.9%) followed by “Construction” (93.3%) and “Self-employed (66.5%). On the other hand, the specific group with highest female ratio was “Domestic workers” (96.9%) followed by “Elderly widows” (79.1%) and “Homeworkers” (71.9%).

Table 5.2: Sex distribution of specific groups in the non-covered population

	Male		Female		Total
	Number	Percent	Number	Percent	
Transportation workers	512,925	96.9%	16,154	3.1%	529,079
Construction workers	746,744	93.3%	53,376	6.7%	800,120
Self employed	6,644,611	66.5%	3,354,574	33.5%	9,999,185
Agriculture and Fishery	7,764,309	57.0%	5,850,695	43.0%	13,615,004
Street vendors	396,446	55.4%	319,078	44.6%	715,524
Low income household members	5,021,440	47.7%	5,502,041	52.3%	10,523,481
The elderly	3,205,857	45.6%	3,825,035	54.4%	7,030,892
Homeworkers	197,031	28.1%	504,007	71.9%	701,038
Elderly widow/ers	442,243	20.9%	1,672,479	79.1%	2,114,722
Domestic workers	5,339	3.1%	165,577	96.9%	170,916
Covered workers	5,059,714	52.4%	4,592,541	47.6%	9,652,255

Table 5.3 represents the age distribution of specific groups in the non-covered population. The underlined percentages indicate the largest percentage in each specific group. Compared to the covered workers with the largest population between 20-29 years old, all the other specific groups, except “Low income household members” with many children, had their largest population in the older categories, especially “Self-employed” and “Agriculture and fishery workers”.

Table 5.3: Age distribution of specific groups in the non-covered population

	0-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60 years or more	Total
Self employed	0.9%	11.8%	26.0%	<u>28.3%</u>	20.7%	12.3%	100.0%
Transportation workers	2.7%	21.3%	<u>34.2%</u>	27.8%	11.2%	2.9%	100.0%
Agriculture and fishery workers	5.4%	21.2%	24.6%	<u>23.1%</u>	16.4%	9.3%	100.0%
Construction workers	3.0%	21.3%	<u>31.8%</u>	28.5%	13.0%	2.4%	100.0%
Domestic workers	9.7%	22.2%	<u>29.1%</u>	22.3%	12.5%	4.2%	100.0%
Street vendors	3.5%	21.4%	<u>32.7%</u>	26.6%	11.3%	4.7%	100.0%
Homeworkers	3.4%	24.9%	<u>32.2%</u>	22.6%	11.0%	6.0%	100.0%
Low income household members	<u>35.8%</u>	13.5%	12.5%	11.2%	10.2%	16.8%	100.0%
The elderly	0.0%	0.0%	0.0%	0.0%	28.2%	<u>71.8%</u>	100.0%
Elderly widow/ers	0.0%	0.0%	0.0%	0.0%	12.3%	<u>87.7%</u>	100.0%
Covered workers	2.9%	<u>33.2%</u>	29.4%	20.4%	10.6%	3.5%	100.0%

5.1.3 Regional distribution

Table 5.4 represents the regional distribution of specific groups in the non-covered population. Underlined numbers indicate the highest population ratio in each specific group. Most of the specific groups had their highest population in the Northeast except “Transportation workers” and “Domestic workers” where the highest population ratios were in Bangkok (34.2% and 51.6% respectively).

Table 5.4: Regional distribution of specific groups in the non-covered population

	Bangkok	Central	North	Northeast	South	Total
Self employed	7.4%	19.3%	19.7%	<u>39.9%</u>	13.7%	100.0%
Transportation workers	<u>34.2%</u>	29.8%	9.3%	16.2%	10.5%	100.0%
Agriculture and fishery workers	0.3%	15.2%	22.6%	<u>47.5%</u>	14.3%	100.0%
Construction workers	7.8%	24.2%	23.0%	<u>32.1%</u>	12.8%	100.0%
Domestic workers	<u>51.6%</u>	13.8%	10.7%	19.7%	4.3%	100.0%
Street vendors	18.0%	25.7%	12.3%	<u>35.5%</u>	8.5%	100.0%
Homeworkers	11.6%	21.8%	21.0%	<u>34.6%</u>	11.0%	100.0%
Low income household members	2.6%	10.2%	20.6%	<u>60.2%</u>	6.3%	100.0%
The elderly	8.5%	23.7%	21.0%	<u>34.9%</u>	11.8%	100.0%
Elderly widow/ers	9.0%	24.6%	21.2%	<u>35.0%</u>	10.2%	100.0%
Covered workers	26.2%	<u>33.4%</u>	12.2%	18.0%	10.2%	100.0%

5.1.4 Marital status

Table 5.5 represents the marital status of specific groups in the non-covered population. The specific group with the highest rate of being “Single” was “Domestic workers” (40.3%) followed by “Low income household members” (25.6%) and “Construction workers” (18.4%). The specific group with the highest rate of being “Married” was “Self-employed” (80.4%) followed by “Street Vendors” (80.3%) and “Transportation workers” (78.2%). The divorce rates were similar among all the specific groups at between 1.0% and 2.2%. The separation rates were also similar among specific groups at between 1.2% and 2.2%, except “Domestic workers” (9.8%).

Table 5.5: Marital status of specific groups in the non-covered population

	Single	Married	Widowed	Divorced	Separated	Total
Self employed	9.7%	80.4%	6.6%	1.5%	1.8%	100.0%
Transportation workers	16.1%	78.2%	1.4%	2.2%	2.2%	100.0%
Agriculture and fishery workers	17.0%	76.7%	4.0%	1.0%	1.2%	100.0%
Construction workers	18.4%	76.7%	1.6%	1.6%	1.8%	100.0%
Domestic workers	40.3%	39.9%	8.3%	1.6%	9.8%	100.0% ⁹
Street vendors	12.7%	80.3%	3.3%	1.5%	2.2%	100.0%
Homeworkers	17.5%	73.3%	5.7%	1.5%	2.0%	100.0%
Low income household members ¹⁰	25.6%	58.5%	12.4%	1.5%	2.0%	100.0%
The elderly	3.0%	64.4%	30.1%	1.0%	1.5%	100.0%
Elderly widow/ers	-	-	100.0%	-	-	100.0%
Covered workers	28.2%	66.4%	2.3%	1.3%	1.8%	100.0%

⁹ Including Unknown (0.1%)

¹⁰ Those under 15 years old were excluded from this table

5.1.5 Education

Table 5.6 represents the education level of specific groups in the non-covered population, whose underlined percentages indicate the highest rate of education level in each specific group. Compared to the covered workers of whom 25.1% had graduated from university, less than 1.0% of the specific groups had reached university level education. Moreover, the largest education history group was “Less than elementary level”.

Table 5.6: Education level of specific groups in the non-covered population

	None	Less than elementary level	Elementary level	Lower sec. level	Upper sec. level	Diploma level	Univ. level	Other level	Total
Self employed	4.5%	<u>56.5%</u>	18.9%	10.1%	6.2%	1.7%	1.8%	0.2%	100.0%
Transportation workers	1.0%	<u>38.6%</u>	27.8%	16.9%	11.5%	2.9%	0.7%	0.7%	100.0%
Agriculture and fishery workers	5.2%	<u>50.9%</u>	27.2%	10.6%	4.9%	0.7%	0.3%	0.0%	100.0%
Construction workers	3.0%	<u>49.8%</u>	29.3%	10.8%	5.6%	0.9%	0.6%	0.1%	100.0%
Domestic workers	8.0%	<u>43.7%</u>	30.8%	11.1%	4.0%	0.0%	0.4%	2.0%	100.0%
Street vendors	3.6%	<u>43.5%</u>	28.9%	11.9%	9.4%	1.1%	1.3%	0.3%	100.0%
Homeworkers	3.1%	<u>43.6%</u>	30.6%	12.2%	7.5%	1.6%	1.3%	0.1%	100.0%
Low income household members*	10.2%	<u>47.6%</u>	21.8%	12.2%	6.7%	0.6%	0.9%	0.1%	100.0%
The elderly	18.5%	<u>75.7%</u>	1.7%	2.2%	0.8%	0.2%	0.6%	0.4%	100.0%
Elderly widow/ers	29.8%	<u>67.0%</u>	1.0%	1.0%	0.4%	0.1%	0.2%	0.4%	100.0%
Covered workers	0.6%	16.8%	14.5%	15.7%	18.3%	8.6%	<u>25.1%</u>	0.4%	100.0%

* Those under 15 years old were excluded from this table.

5.1.6 Income distribution

Table 5.7 represents household monthly income distribution of specific groups in the non-covered population. Monthly household incomes of specific groups were smaller than that of covered workers except domestic workers. The highest percentages of “Self-employed”, “Transportation workers”, “Construction workers”, “Street vendors” and “Homeworkers” were in the category of “5,000-9,999”, whereas “Agriculture and fishery workers” were in the category of “2,500-4,999” and “Low income household members”, “The elderly”, and “Elderly widow/ers” were in the category of “0-2,499”.

Table 5.7: Monthly household income (Baht) of specific groups in the non-covered population

	0-2,499	2,500-4,999	5,000-9,999	10,000-14,999	15,000-29,999	30,000 or more	unknown	Total
Self employed	19.7%	28.4%	<u>29.6%</u>	10.5%	7.7%	3.9%	0.2%	100.0%
Transportation workers	4.5%	13.6%	<u>33.4%</u>	22.8%	18.1%	7.0%	0.6%	100.0%
Agriculture and fishery workers	25.4%	<u>35.7%</u>	28.2%	6.1%	3.0%	1.5%	0.1%	100.0%
Construction workers	7.9%	26.6%	<u>44.6%</u>	13.0%	5.9%	1.9%	0.1%	100.0%
Domestic workers ¹¹	3.7%	10.8%	24.5%	8.1%	9.0%	<u>42.2%</u>	1.8%	100.0%
Street vendors	5.7%	20.7%	<u>40.2%</u>	16.0%	11.7%	5.3%	0.5%	100.0%
Homeworkers	17.5%	27.7%	<u>30.9%</u>	12.6%	5.3%	6.0%	0.0%	100.0%
Low income household members	<u>100.0%</u>	-	-	-	-	-	-	100.0%
The elderly	<u>32.2%</u>	24.5%	23.3%	7.8%	6.7%	5.2%	0.3%	100.0%
Elderly widow/ers	<u>36.2%</u>	22.7%	21.2%	7.6%	6.7%	5.3%	0.3%	100.0%
Covered workers	1.9%	7.1%	23.6%	20.9%	<u>25.8%</u>	20.2%	0.5%	100.0%

5.1.7 Frequency of occupation change

Table 5.8 shows the frequency of occupation change in the year prior to the survey reference week. Non-workers in specific groups of “Low income household members”, “The elderly”, and “Elderly widow/ers” were excluded from this analysis.

Occupation change was defined as a change from one job to another job which required a different set of tasks and duties and/or a different level of skills. Examples of job changes were: from a farmer to a taxi driver, from an employee to a self-employed, or from an assembly worker to a manager of the same factory. An example of a case not considered as a job change was a case of an account changing company i.e. the change of company without changing duty, task and required skills for the job.

The average occupation change rate of covered workers was 8.6%, which was much lower than any occupation change rate of specific groups. The specific group with the highest occupation change rate was “Construction workers” (31.9%) followed by “Homeworkers” (30.2%) and “Low income household members (workers)” (28.8%). This suggests there would be difficulties in setting up schemes according to occupation classification.

¹¹ Monthly household income of domestic workers included monthly household income of their employers in the case of a domestic worker staying in their employer’s household, since the social security module asked household income, not individual income.

Table 5.8: Frequency of occupation change during the past year

	Yes	No	Unknown	Total
Construction workers	31.9%	68.0%	0.0%	100.0%
Homeworkers	30.2%	69.3%	0.5%	100.0%
Low income household members (workers)	28.8%	70.7%	0.5%	100.0%
Street vendors	24.4%	75.4%	0.3%	100.0%
Agriculture and fishery workers	23.0%	76.7%	0.3%	100.0%
Self employed	18.8%	80.9%	0.4%	100.0%
Transportation workers	14.6%	85.3%	0.1%	100.0%
The elderly (workers)	14.2%	85.4%	0.4%	100.0%
Elderly widow/ers (workers)	14.2%	84.9%	0.9%	100.0%
Domestic workers	11.0%	88.9%	0.1%	100.0%
Covered workers	8.6%	91.2%	0.2%	100.0%

5.2 Risk priority and social protection needs among specific groups in the non-covered population

5.2.1 Risk priority among specific groups in the non-covered population

Table 5.9 summarizes the top 5 the risk priorities of specific groups in the non-covered population. The general trend was that “Sickness” was the most serious risk i.e. it occupied “1st risk” in 8 out of 10 specific groups. “Job loss” was also represented across specific groups. Other risks peculiar to certain groups were “Loss of harvest” for “Self-employed” and “Farmers and fishery workers”, or “Becoming old” and “Death of income earner” for “The elderly” and “Elderly widow/ers”. Those risks in the multiple choice in the questionnaire which do not appear in the table below were “Funeral”, “Maternity”, “Education”, “Natural disaster”, and “Loss of livestock”.

Table 5.9: Risk priorities of specific groups in the non-covered population

	1st risk	2nd risk	3rd risk	4th risk	5th risk
Self employed	Sickness (37.1%)	Loss of harvest (12.3%)	Job loss (10.2%)	Child care (8.8%)	Becoming old (7.2%)
Transportation workers	Sickness (43.3%)	Job loss (24.2%)	Child care (8.1%)	Occupational Injury (4.9%)	Disability (4.4%)
Agriculture and fishery workers	Sickness (32.5%)	Loss of harvest (17.0%)	Job loss (10.2%)	Child care (8.1%)	Becoming old (6.7%)
Construction workers	Sickness (34.1%)	Job loss (31.9%)	Child care (7.7%)	Occupational Injury (7.5%)	Disability (3.1%)
Domestic workers	Job loss (42.1%)	Sickness (30.6%)	No risk (6.0%)	Child care (5.9%)	Disability (4.0%)
Street vendors	Sickness (41.1%)	Job loss (15.3%)	Child care (10.1%)	Others (5.5%)	Disability (5.3%)
Homeworkers	Sickness (34.7%)	Job loss (20.0%)	Child care (13.1%)	Loss of harvest (5.5%)	Occupational injury (5.3%)

Table 5.9: Risk priorities of specific groups in the non-covered population (cont'd)

	1st risk	2nd risk	3rd risk	4th risk	5th risk
Low income household members (15 years old or more)	Sickness (31.9%)	Job loss (13.1%)	Becoming old (11.1%)	Death of income earner (11.0%)	Loss of harvest (9.4%)
The elderly	Sickness (34.0%)	Becoming old (27.4%)	Death of income earner (10.5%)	Loss of harvest (6.7%)	Disability (4.4%)
Elderly widow/ers	Becoming old (34.5%)	Sickness (31.1%)	Death of income earner (16.7%)	Disability (3.9%)	Job loss (3.0%)
Covered workers	Job loss (32.2%)	Sickness (30.6%)	Child care (7.0%)	No risk (5.8%)	Disability (4.6%)

5.2.2 Social protection needs among specific groups in the non-covered population

Tables 5.10-A and 5.11-B represent social protection needs among specific groups in the non-covered population. “Pensions” included needs for “Becoming old”, “Disability”, “Funeral”, and “Death of income earners”, and “Agricultural protection” included “Loss of livestock”, “Loss of harvest”, and “Natural disaster”.

The most needed protection among “Self-employed” was “Sickness” (37.1%) followed by “Agricultural protection” (16.9%) and “Pensions” (14.7%). The most needed protection among “Transportation workers” was “Sickness” (43.3%) followed by “Job loss” (24.2%) and “Pensions” (8.9%). “Sickness” was also the most needed protection among “Construction workers” (34.1%) with “Job loss” (31.9%) and “Child allowance” (7.7%) following. The most needed protection among “Domestic workers” was “Job loss” (42.1%) followed by “Sickness” (30.6%) and “Pensions” (8.3%).

Table 5.10-A: Social protection needs of specific groups in the non-covered population

Self employed		Transportation workers		Agriculture and fishery workers		Construction workers		Domestic workers	
Sickness	37.1%	Sickness	43.3%	Sickness	32.5%	Sickness	34.1%	Job loss	42.1%
Agri. protection	16.9%	Job loss	24.2%	Agri. protection	23.3%	Job loss	31.9%	Sickness	30.6%
Pensions	14.7%	Pensions	8.9%	Pensions	14.7%	Child allowance	7.7%	Pensions	8.3%
Job loss	10.2%	Child allowance	8.1%	Job loss	10.2%	Occ. injury	7.5%	No risk	6.0%
Child allowance	8.8%	Occ. injury	4.9%	Child allowance	8.1%	Pensions	7.1%	Child allowance	5.9%
Occ. injury	3.5%	No risk	2.8%	Occ. injury	3.5%	Agri. protection	4.5%	Occ. injury	2.5%
Education	2.9%	Education	2.7%	Education	3.2%	Education	2.6%	Agri. protection	1.3%
No risk	2.0%	Agri. protection	1.7%	No risk	1.4%	No risk	1.6%	Education	0.6%
Maternity	0.3%	Maternity	0.0%	Maternity	0.4%	Maternity	0.4%	Maternity	0.0%
Others	3.2%	Others	2.3%	Others	2.4%	Others	2.2%	Others	0.9%
Unknown	0.4%	Unknown	1.1%	Unknown	0.2%	Unknown	0.5%	Unknown	1.7%
Total	100.0%	Total	100.0%	Total	100.0%	Total	100.0%	Total	100.0%

The most needed protection among “Street vendors” was “Sickness” (41.1%) followed by “Job loss” (15.3%) and “Pensions” (15.1%). “Sickness” was also the most needed protection among “Homeworkers” with “Job loss” (20.0%) and “Child allowance” (13.1%) following. For “Low income household members”, “Sickness” was the most needed protection (31.9%) followed by “Pensions” (25.6%) and “Job loss” (13.1%). For both “The elderly” and “Elderly widow/ers”, “Pensions” were the most needed protection (43.0% and 56.1% respectively) followed by “Sickness” (34.0% and 31.1% respectively) and “Agricultural protection” (9.2% and 3.2% respectively).

Table 5.10-B: Social protection needs of the specific groups in the non-covered population (cont’d)

Street vendors		Homeworkers		Low income household members (15 years+)		The elderly		Elderly widow/ers	
Sickness	41.1%	Sickness	34.7%	Sickness	31.9%	Pensions	43.0%	Pensions	56.1%
Job loss	15.3%	Job loss	20.0%	Pensions	25.6%	Sickness	34.0%	Sickness	31.1%
Pensions	15.1%	Child allowance	13.1%	Job loss	13.1%	Agri. protection	9.2%	Agri. protection	3.2%
Child allowance	10.1%	Pensions	11.7%	Agri. protection	11.9%	Job loss	4.3%	Job loss	3.0%
Occ. injury	4.0%	Agri. protection	6.8%	Education	6.2%	No risk	2.6%	No risk	2.6%
Agri. protection	3.7%	Occ. injury	5.3%	Child allowance	5.2%	Occ. injury	1.7%	Child allowance	1.0%
No risk	2.1%	No risk	2.8%	Occ. injury	2.2%	Child allowance	1.7%	Occ. injury	1.0%
Education	1.7%	Education	2.8%	No risk	1.5%	Education	1.1%	Education	0.3%
Maternity	0.9%	Maternity	0.3%	Maternity	0.4%	Maternity	0.0%	Maternity	0.0%
Others	5.5%	Others	2.6%	Others	1.7%	Others	1.8%	Others	0.9%
Unknown	0.5%	Unknown	0.0%	Unknown	0.4%	Unknown	0.6%	Unknown	0.8%
Total	100.0%	Total	100.0%	Total	100.0%	Total	100.0%	Total	100.0%

5.3 Social security needs among specific groups in the non-covered population

5.3.1 Social security benefit needs among specific groups in the non-covered population

A series of questions was asked of interviewees on how important each benefit of the SSO scheme was and to choose the degree of importance from “Very important”, “Important”, “Not important”, and “Not important at all”. Table 5.11 represents the sum of percentages of “Very important” and “Important”.

The vast majority of each specific group expressed that all the benefits were either “Very important” or “Important” i.e. the smallest percentage in the “Sickness benefit” was 90.5%, the smallest percentages of “Maternity benefit”, “Invalidity pension”, “Death benefit” and “Old-age pension” were more than 87.0%, and the smallest percentage of “Child allowance” was 78.1%.

Table 5.11: Social security benefits needs among specific groups in the non-covered population

	Sickness benefit	Maternity benefit	Invalidity pension	Death benefit	Child allowance	Old-age pension
Self employed	93.4%	90.3%	90.7%	90.7%	83.4%	91.9%
Transportation workers	90.2%	87.0%	87.3%	89.7%	78.1%	89.3%
Agriculture and fishery workers	94.6%	91.8%	92.6%	92.0%	85.8%	92.6%

Table 5.11: Social security benefits needs among specific groups in the non-covered population (cont'd)

	Sickness benefit	Maternity benefit	Invalidity pension	Death benefit	Child allowance	Old-age pension
Construction workers	94.7%	90.6%	91.3%	91.3%	85.4%	90.6%
Domestic workers	93.3%	91.0%	91.6%	91.1%	85.8%	92.6%
Street vendors	90.5%	88.7%	87.6%	88.8%	79.3%	88.4%
Homeworkers	95.0%	92.0%	91.1%	92.2%	85.8%	93.9%
Low income household members (15 years old or more)	94.6%	91.4%	92.7%	92.1%	86.1%	92.8%
The elderly	92.6%	88.1%	90.1%	90.5%	82.0%	91.0%
Elderly widow/ers	92.2%	88.1%	89.9%	90.7%	82.3%	91.0%

5.3.2 Willingness to join the SSO scheme among specific groups in the non-covered population

Table 5.12 represents the degree of willingness of workers in specific groups of the non-covered population to join the SSO scheme. The highest degree of willingness was seen among “Transportation workers” (36.2%) followed by “Homeworkers” (33.8%) and “Construction workers” (32.0%). The highest opposition to joining the scheme was seen among “The elderly (workers)” (61.0%) followed by “Elderly widow/ers (workers)” (59.8%) and “Low income household members (workers)” (52.5%).

Table 5.12: Willingness of specific groups in the non-covered population to join the SSO scheme

	Willing to join	Not sure	Not willing to join	Unknown	Total
Self employed	27.1%	22.1%	50.1%	0.7%	100.0%
Transportation workers	36.2%	22.3%	41.1%	0.4%	100.0%
Agriculture and fishery workers	24.8%	23.2%	51.5%	0.5%	100.0%
Construction workers	32.0%	23.1%	44.6%	0.3%	100.0%
Domestic workers	31.4%	24.0%	43.5%	1.1%	100.0%
Street vendors	31.5%	21.0%	47.1%	0.4%	100.0%
Homeworkers	33.8%	21.0%	44.0%	1.2%	100.0%
Low income household members (workers)	22.7%	23.5%	52.5%	1.3%	100.0%
The elderly (workers)	18.7%	19.6%	61.0%	0.7%	100.0%
Elderly widow/ers (workers)	17.2%	21.7%	59.8%	1.3%	100.0%

5.3.3 Reasons why not willing to join the SSO scheme

An additional question was asked of those who answered “Not willing to join” in the previous section as to their reasons. The major reason was “Cannot afford”, the percentages exceeding 50% across specific groups ranging from 54.6% (Transportation workers) to 86.2% (Low income household members (workers)).

Table 5.13: Reason why not willing to join the SSO scheme among specific groups in the non-covered population

	Cannot afford	Benefit is not attractive	Have enough savings	Have private insurance	Others	Unknown	Total
Self employed	65.1%	7.7%	2.5%	7.4%	17.0%	0.4%	100.0%
Transportation workers	54.6%	13.2%	1.3%	8.6%	21.1%	1.2%	100.0%
Agriculture and fishery workers	76.4%	4.7%	1.6%	3.3%	13.7%	0.3%	100.0%
Construction workers	69.2%	7.8%	1.2%	4.8%	16.9%	0.1%	100.0%

Table 5.13: Reason why not willing to join the SSO scheme among specific groups in the non-covered population (cont'd)

Domestic workers	66.0%	7.1%	2.2%	6.4%	18.3%	0.0%	100.0%
Street vendors	60.3%	8.1%	2.1%	5.1%	24.2%	0.2%	100.0%
Homeworkers	68.9%	9.1%	0.7%	7.0%	13.7%	0.6%	100.0%
Low income household members (workers)	86.2%	2.0%	0.4%	1.3%	9.9%	0.3%	100.0%
The elderly (workers)	66.4%	5.9%	2.9%	6.5%	18.0%	0.3%	100.0%
Elderly widow/ers (workers)	70.9%	3.7%	2.1%	3.8%	19.0%	0.5%	100.0%

5.3.4 Amount and frequency of contribution among specific groups in the non-covered population

For those who answered “Willing to join”, additional questions on the affordable amount of monthly contribution and preferred frequency of payment were asked.

Table 5.14 summarizes the affordable amount of monthly contribution of specific groups in the non-covered population. The underlined percentages indicate the largest percentage for each specific group. The specific groups with the highest percentage in the column of “100-149” were “Self-employed” (28.9%), “Transportation workers” (32.7%), “Domestic workers” (29.9%), “Street vendors” (32.7%) and “Homeworkers” (34.5%). The specific groups with the highest percentage in the column of “50-99” were “Agriculture and fishery workers” (31.1%) and “Construction workers” (30.9%). The specific groups whose affordable amount of monthly contribution was less than 50 were “Low income household members (workers)” (43.0%), “The elderly (workers)” (32.2%) and “Elderly widow/ers (workers)” (36.4%).

Table 5.14: Affordable amount of monthly contribution among specific groups in the non-covered population (Baht)

	Less than 50	50-99	100-149	150-199	200-249	250 or more	Total
Self employed	25.0%	27.8%	<u>28.9%</u>	5.1%	5.7%	7.5%	100.0%
Transportation workers	13.1%	29.6%	<u>32.7%</u>	7.3%	6.8%	10.4%	100.0%
Agriculture and fishery workers	30.9%	<u>31.1%</u>	24.3%	3.9%	4.1%	5.6%	100.0%
Construction workers	28.5%	<u>30.9%</u>	28.3%	3.1%	4.1%	5.1%	100.0%
Domestic workers	25.0%	19.4%	<u>29.9%</u>	13.7%	5.3%	6.9%	100.0%
Street vendors	23.4%	26.9%	<u>32.7%</u>	5.5%	5.1%	6.4%	100.0%
Homeworkers	20.9%	29.8%	<u>34.5%</u>	2.5%	5.1%	7.1%	100.0%
Low income household members (workers)	<u>43.0%</u>	29.7%	18.1%	2.0%	3.4%	3.8%	100.0%
The elderly (workers)	<u>32.2%</u>	28.0%	24.0%	4.3%	4.0%	7.6%	100.0%
Elderly widow/ers (workers)	<u>36.4%</u>	25.8%	24.1%	2.8%	5.1%	5.8%	100.0%

CHAPTER 6

POLICY RECOMMENDATION AND FUTURE DIRECTION

The Technical note on the Extension of Social Security to the Informal Economy in Thailand - the former study of the ILO on the social security coverage extension to the informal economy in Thailand – recommended a two-pronged strategy for extension of coverage e.g. improvement and extension of the present social security schemes, notably the SSO, in parallel with coverage extension through establishing a new mechanism of social security. A range of extension policy options were introduced in the Technical Note, however information on the non-covered population obtained through the Social Security Priority and Needs Survey has narrowed down the extension options. Chapter 6 examines both extension options through extension of the SSO scheme, and establishing new social security scheme.

6.1. Extension of the SSO scheme

6.1.1. Extension to non-covered private employees

Thailand has made substantial progress in extending social security coverage through several schemes for dependent employees such as the SSO scheme, Civil Servant Scheme, State Owned Enterprise scheme, and the scheme for teachers in private schools. However, there were still around 6.4 million dependent employees not covered by any of these schemes, including about 4.1 million dependent employees in non-agricultural industries. Among the employers who did not pay contribution, on average 23.3% employers did not know whether their business should be registered with the SSO scheme, and on average 10.6% of employers did not pay contribution intentionally. It is essential that the coverage should be expanded by improving compliance to the SSO scheme and also by amending the legislation to cover a wider range of dependent employees (e.g. those working for agricultural workers whose employment is less than one year).

6.1.2. Extension to the non-covered dependents of SSO scheme members

Extension of the SSO coverage of health care to dependent spouses and children should be seriously considered. The survey showed that 50.8% of the SSO scheme members were willing to pay an additional contribution for the sickness benefit to cover their non-covered spouses. In addition to high need and willingness to pay contribution of the SSO scheme members, the ILO/SSO actuarial study in March 2004 clearly indicated that this extension could be financed within the contributions presently allocated to the short-term benefit branches.

Extension of health care to the non-covered dependents would not only contribute to providing a better health care package to the non-covered dependents but also reduce the cost of the 30 Baht scheme and contribute to financial sustainability.

6.1.3. Extension to the retirees of the SSO scheme members

Extension of the health care coverage to the retirees of the SSO scheme should be also considered. SSO scheme members are not be covered by the SSO scheme once their employment contract is terminated after the age of 55 years although the need for health care would be higher after retirement.

6.1.4. Extension to the self-employed

Extension of the social security coverage of the SSO scheme to the self-employed would not be advisable for the following reasons. The contribution capacity of the self-employed was much lower than that of covered workers i.e. the largest household income group of self-employed was “5,000-9,999” Baht per month whereas that of covered workers was “15,000-19,999” Baht. The affordable amount of monthly contribution was 122.0¹² Baht whereas the cost of each insured SSO was around 820 Baht. Their willingness to join the SSO scheme was as low as 27.1% and about half of the self-employed (50.1%) did not want to join the SSO scheme. There is, in addition, a crucial administrative difficulty in covering the self-employed under the SSO scheme: there is no feasible mechanism to assess their income. These low contribution capacity and willingness to join the scheme as well as administrative difficulty to collect contribution will cause adverse selection, which will probably undermine the financial sustainability of the SSO scheme.

6.2. Extension of the social security coverage through establishing new schemes

6.2.1. Prerequisites for establishing new schemes

6.2.1.1. Benefit limitations

Some broader social protection such as job security, agricultural protection and adequate education, need different mechanisms other than social security (e.g. national subsidies) and should be dealt with by other ministries and organizations.

Because of the nature of self-employed persons as employees and employers at the same time, there are substantial difficulties in providing some types of cash income replacement benefits, e.g. sickness cash benefits, unemployment benefits and employment injury benefits. For these benefits, other protection measures should be considered: income replacement benefits at the time of sickness or unemployment could be provided through social assistance benefits with means test and financed from taxation; all employment injury benefits could be provided through general medical care benefits and cash benefits for temporary and permanent invalidity and survivorship.

Contributory lump sum benefits for death, maternity cash benefits and child allowance are not recommended in cases where the scheme is a de-facto voluntary scheme because of possible abuse through the adverse selection of certain groups (e.g. elderly near death, couples with children, young females with higher chance of maternity).

Providing pension benefits through a contributory defined-benefit scheme to small groups (e.g. taxi drivers, homeworkers, domestic workers) and groups whose population is expected to decrease in the long term (e.g. farmers and fishermen, self-employed) is not recommended because of possible future financial instability caused by rapid demographic change.

¹² Median of each affordable contribution band was used for calculation. For the calculation basis of the contribution, a monthly contribution amount of 1,000 Baht was used for those who answered more than 999 Baht per month.

6.2.1.2. Limitations on the contribution collection

Taking into account the limited contribution capacity and low willingness to join a social security scheme of non-covered population, notably self-employed persons, the financing of a new social security mechanism inevitably calls for heavy or full subsidization in order to cover a substantial percentage of non-covered population. If the contribution is to be collected, a flat contribution amount is recommended due to the difficulty of assessing personal income.

6.2.2. Establishing an universal scheme for pension benefits

The needs for long-term income protection such as old-age, invalidity and survivors' pensions are high. It should be also noted that, due to the short-sighted nature of the population, needs for income security for old-age substantially increased as people aged while younger people rated these needs as very low. At present, the social security coverage (e.g. pension benefits) among the elderly is only 19.8% and some form of protection for long-term income security measures through a social security mechanism should be considered.

Relying on individual saving mechanisms to provide the basic minimum income security measures at the time of old-age, invalidity and survivorship will not be sufficient. Due to the low affordability of the non-covered population¹³ and administrative difficulties in collecting contributions from self-employed persons, a fully/heavily tax-financed defined-benefit universal scheme should be considered in order to provide a basic level of income security. Options for the basic minimum universal pension scheme include the following:

- Inclusion of invalidity and/or survivors pension
- Starting age (e.g. 55/60/70 years or more)
- Old-age pension amount (e.g. 500/1,000/1,500 Baht per month)
- Exclusion of the elderly who receive social security pension benefits from the coverage
- Introduction of a means test in order to provide pension benefits to the poorer of the elderly
- Introduction of small contribution amounts

¹³ The largest group of monthly household income for the elderly (55 years or more) was "0-2,499 Baht" (32.2%), and the old poor (60 years or more) accounted for 18.7% of the total poor, whose household income was less than 2,500 Baht.

BOX 3: Cost of universal basic pension

a) Crude cost estimations of universal basic pension in the year of 2003 (old-age pension only)

Table 6.1 shows the cost estimations of a universal pension scheme with the share of the cost to the total government expenditure and GDP as of 2003. There is a wide range of variation in the cost depending on key variables, namely the eligible age and the amount of monthly pension. A universal scheme would cost 112.5 billion Baht or 11.3% of the total government expenditure or 2.0% of GDP if the benefit of 1,500 Baht was to be provided to those aged 60 years or more, whereas the universal pension scheme would cost 16.3 billion Baht or 1.6% of the total government expenditure or 0.3% of GDP if a monthly pension of 500 Baht was to be provided to those more than 70 years old. The cost could be reduced by excluding social security pensioners i.e. the cost would be decreased to 13.0 billion baht by excluding the 553,004 social security pensioners more than 70 years old.

Table 6.1: Cost estimations of universal pensions and their percentages to the total government expenditure and GDP, as of 2003

		60 years or more	65 years or more	70 years or more
	Number of people	6.3 million	4.3 million	2.7 million
Annual expenditure (billion Baht)	500 Baht/month	37.5	25.7	16.3
	1,000 Baht/month	75	51.5	32.6
	1,500 Baht/month	112.5	77.2	49.0
Annual expenditure to total government Expenditure ¹⁴	500 Baht/month	3.8%	2.6%	1.6%
	1,000 Baht/month	7.5%	5.1%	3.3%
	1,500 Baht/month	11.3%	7.7%	4.9%
Annual expenditure to GDP	500 Baht/month	0.7%	0.4%	0.3%
	1,000 Baht/month	1.3%	0.9%	0.6%
	1,500 Baht/month	2.0%	1.3%	0.9%

b) International comparison of government expenditure on pensions

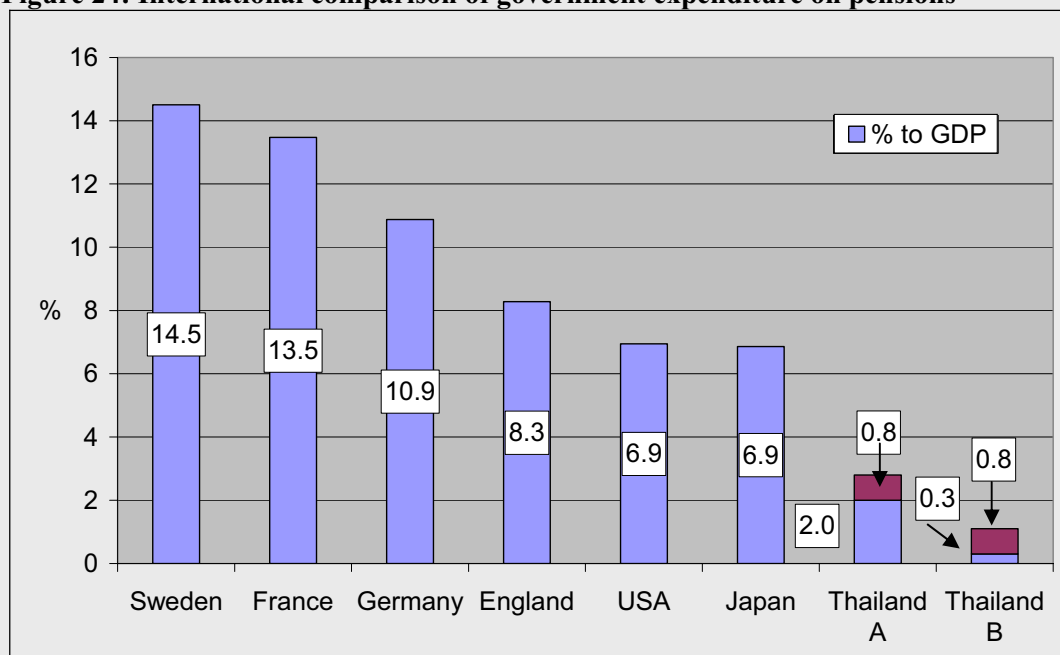
Figure 24 represents an international comparison on government expenditure on pension benefits. Thailand A represents the case of introducing a universal pension of 1,500 Baht for those older than 60 years, which accounts for 2.0% of GDP, whereas Thailand B represents the case of introducing a universal pension of 500 Baht for those older than 70 years which accounts for 0.3% of GDP. The red-colored bars of 0.8% for Thailand A and B indicate Thai government expenditure on pension benefits to government officers.

Although there are difficulties in comparing government expenditure on pension benefits among countries in Figure 24, due to differences in the demographic structures and different benefit packages (esp. benefit level), the cost of a universal scheme is relatively low compared to the costs in developed countries, even in the Thailand A example which is the most costly option. This is mainly attributed to the non-aged demographic structure of Thailand. Further studies including

¹⁴ Includes both capital and current expenditure. Government expenditure as of 2003 was 999.9 billion Baht and GDP as of 2003 was 5,748.1 billion Baht. NHI expenditure as of 2003 was **57.7 billion Baht** or **5.8%** of government expenditure

long-term cost development will be necessary in order to guarantee financial sustainability in the long term.

Figure 24: International comparison of government expenditure on pensions



Thailand (2003), Japan (1995), France (1994), Sweden, Germany, England (1993), USA (1992)

Source: *KAIGAI SYAKAIHOSYO KENKYU*, No.123, 1998, Japan and Comptroller General's Department of Thailand

6.2.3. Establishment of contributory special schemes

Establishing a special scheme financed by contributions from certain occupational groups or industrial groups (e.g. taxi driver scheme, farmer's pension) is not recommended for several reasons. The scheme would suffer from the problem of low compliance due to low willingness to join a social security scheme and due to low contribution capacity. Having no employers to pay contributions, self-employed persons need to pay more contributions without substantial government subsidies, another factor for low compliance of the scheme.

In Thailand, establishing a special contributory scheme would be difficult due to the limitation of benefits i.e. all the benefits would either be not feasible or inadequate to provide for the self-employed. As health care is provided by the 30-Baht scheme and it would not be feasible to provide pension benefits for small groups or groups whose size may decrease in the long term, health care and pensions benefits would be excluded from the benefits package. Since health care and pensions benefits would not be provided, the maternity, death, and child allowance would become stand alone benefits and it would not be feasible to provide these benefits. It would also not be feasible to provide other benefits such as cash sickness, unemployment, and occupational injury benefits for the self-employed due to administrative difficulties such as income assessment and registration.

6.3. Summary of extension options

Table 6.2 represents the summary of social security extension options and recommendations. Among the extension strategies through extension of the SSO scheme, extension to the self-employed and farmers is not recommended but other options including health care extension to the dependents, retirees, and non-covered private employees (including extension to the atypical workers and extension by strengthening compliance) are recommended. Among the extension options through establishing a new mechanism, it is recommended that a universal basic pension scheme is introduced to meet the high demand for income protection for old-age, invalidity, and survivorship in a situation where collecting contribution from the non-covered population would be difficult. The establishment of special schemes is not recommended due to low contribution capacity and willingness to join a social security scheme, no adequate or feasible benefits could be provided, and technical problems in income assessment and contribution collection.

Table 6.2: Summary of extension options and recommendations

Extension Options		Recomm -endation	Reasons	Responsible agencies
Extension of current SSO scheme	Extension to self-employed and farmers	No	1. Low contribution capacity 2. Low willingness to join the SSO scheme 3. Administrative difficulty in contribution collection.	---
	Legal extension to atypical employees	Yes	1. About 6.4 million non-covered private employees including 2.3 million employees in agricultural sector	MOL/ SSO
	Health care extension to dependents	Yes	1. High demand for health care for dependants 2. High willingness to even pay additional contribution to non-covered spouse 3. No need to increase contribution rate 4. Contribution to the sustainability of NHI scheme	MOL/SSO/ MOPH/ MOF
	Health care extension to retirees	Yes	1. High demand for health care 2. Low social security coverage among the elderly	MOL/SSO/ MOPH/ MOF
	Extension by strengthening compliance	Yes	1. About 4.1 million non-covered private employees in non-agricultural sector 2. About 10% of employers intentionally do not pay contribution	MOL/ SSO
Tax financed Universal scheme	Universal basic pension	Yes	1. High demand for pension benefits 2. Only feasible benefit to be provided to non-covered population 3. Low contribution capacity 4. Low willingness to join a social security scheme 5. Poverty alleviation	MOL/SSO/ MOF/ MOSDHS/ NESDB
Contributory Special scheme	Occupational or regional schemes / a scheme for self- employed	No	1. No feasible and adequate benefit to be provided 2. Low contribution capacity 3. Low willingness to join the social security scheme 4. Difficulty in income assessment 5. Difficulty in contribution collection	---

6.4. Future directions

Based on the findings of this report, it is recommended that an inter-governmental seminar be held to disseminate information from the ILO studies and to discuss recommendations for strategies and future actions. These should include further feasibility studies on the extension of health care benefits of the SSO scheme to non-covered dependents, extension of the SSO scheme to non-covered private employees, and introduction of a pension scheme.

Following the seminar, feasibility studies on financing, legislation and administration should be carried out to provide several options for consideration. It would be advisable to establish an inter-ministerial task force to carry out feasible studies due to the necessity of high expertise in various areas. In particular, inclusion of quantitative economists from MOF and NESDB, and statisticians from NSO as observers would be desirable. Once concrete options for implementation have been chosen, awareness raising and capacity building activities for implementation should be done.

Appendix A: DEFINITIONS

(1) Definitions

a) Definitions of basic information

Non-covered person

A person who is not covered as a member nor as a dependant by one of the social security schemes which include Civil Service Scheme, State Owned Enterprise Scheme, Social Security Scheme, and Private School Scheme.

Level of education attainment

Educational levels are classified as follows:

1. **None** means all persons who have never attended school or have had no education.
2. **Less than elementary level** means all persons who have completed a grade lower than Pratom 6 (grade 6).
3. **Elementary level** means all persons who have completed Pratom 6 (grade 6) or higher but have not completed Lower secondary level.
4. **Lower secondary level** means all persons who have completed Mayayom 3 (grade 9) or higher but have not completed Upper secondary level.
5. **Upper secondary level** has three categories and is defined as follows:
 - 5.1 **Academic education** means all persons who have completed Matayom 6 (grade 12) in general education schools or higher but have not completed Tertiary level.
 - 5.2 **Vocational and technical education** means all persons who have completed a three-year course in vocational or technical schools or higher but have not completed Tertiary level.
 - 5.3 **Teacher training education** means all persons who have completed the teacher training course or higher with a certificate equivalent to Upper secondary level but have not completed Tertiary level.
6. **Tertiary level** has three categories and is defined as follows:
 - 6.1 **Academic education** means all persons who have completed university/college courses and have received an academic diploma, bachelor, master, or doctoral degree.
 - 6.2 **Higher technical education** means all persons who have completed vocational or technical courses in university/college level and have received a vocational diploma or a bachelor degree.
 - 6.3 **Teacher training education** means all persons who have completed university/college level courses and have received an education diploma, bachelor, master or doctoral degree.
7. **Short course in vocational training** means all persons who have completed a vocational course of less than twelve months and have received a certificate or other document certifying completion of such a course. The educational requirement is completion of at least Pratom (grade) 4 or the equivalent.
8. **Other** means all persons who have completed types of education other than the education mentioned above.

Household income

Household income is the sum of income of a household, which includes the following:

1. Wages and salaries, tips, and bonuses, etc

2. Net profits from farming and from non-farming
3. Property income such as property rent, land rent, royalties, interest, and dividends,
4. Current transfer received such as assistance payment, pensions, etc
5. In-kind income such as the value of goods and services received as part of pay and rental value of owner occupied dwellings.
6. Other money receipts such as insurance proceeds, lottery winnings and other windfall receipts.

b) Definitions related to work

Employed persons

Persons who are 15 years old or more, and who satisfy one of the following conditions during survey week:

- 1) To have worked for at least one hour for wages/salary, profits, dividends or other kind of payment including in-kind payment; or
- 2) To have not worked at all or worked less than one hour but
 - a) received wage/salary or profits from business enterprise or farm during the period of absence from work; or
 - b) did not receive wage/salary or profits from business enterprise or farm during the period of absence from work but had regular jobs or business and they would be returning to work.
- 3) To have worked for at least one hour without pay in business enterprises or on farms owned or operated by household heads or members.

Unemployed persons

Persons who are 15 years old or more, and who either did not work even for one hour or had no jobs/business enterprise/farm of their own during the survey week.

Persons in this category include:

1. Those who had been looking for work, applying for a job or waiting to be called to work during the 30 days prior to the interview date.
2. Those who had not been looking for work during the 30 days prior to the interview date but were available for work during the 7 days prior to the interview date.

Current Labour Force

All persons who are 15 years old or more and were either employed or unemployed, as defined above, during the survey week.

Seasonally inactive Labour Force

Persons who are 15 years old or more and were neither employed nor unemployed as defined above, but were waiting for the appropriate season to work in farms or enterprises engaged in seasonal activities.

Total Labour Force

All persons who are 15 years old or more, and were in the current labour force as defined above or were classified as seasonally inactive labour force as defined above.

Persons not in the Labour Force

Persons classified in this category are those who were not in the total Labour Force as defined above.

Persons in this category include:

1. those less than 15 years old during the survey week;
2. those 15 years or more during the survey week but were neither employed nor unemployed because they were
 - 1.1. engaged in household work,
 - 1.2. engaged in studies,
 - 1.3. too young or too old to work (this answer could be applied to those who were under 18 and over 60 years old respectively)
 - 1.4. incapable of working because of physical or mental disability, or chronic illness
 - 1.5. voluntarily idle,
 - 1.6. working without pay, profits, dividends or other payments for persons who were not members of the same household
 - 1.7. working without pay, profits, dividends or any other payments for charitable organizations and institutions,
 - 1.8. not available for employment for other reasons.

Job

A job was defined as any of the following:

1. Work for cash wages, salaries or in-kind payment;
2. Work for profit on own farm, in own business or in partly-owned business; or
3. Work without pay or profit on a farm or in a business owned or operated by the head or any member of the household.

Occupation

Occupation is defined as the type of work performed by a person at his place of work. Most persons generally hold only one job. For a person having more than one job, only the job at which he or she worked for the greater number of hours during the survey week was recorded. If the number of working hours for each job was exactly the same, the job which gave him or her the higher income was recorded. If the number of working hours and the income earned from each job were the same, the job for which he or she had preference was recorded. If the respondent could not give his or her preference, the job at which he had been working for the longest time was recorded. The occupation classification in the survey is based on International Standard Classification of Occupation, 1988 (ISCO-88) of International Labour Organization.

Work Status

Work status refers to the status of the person's occupation in the survey week. Work status is classified as follows:

1. An employer is defined as a person who operates his or her own enterprise for profit or dividends, and hires one or more employees in his or her enterprise.
2. A government employee is defined as a person who works for pay in a government agency on a life-long employment basis. Included in this category are civil servants, police, and municipal officers.
3. A temporary government employee is defined as a person who works for pay in a government agency and whose employment is not on a life-long employment basis.
4. A government enterprise employee is defined as a person who works for pay in a government enterprise on a life-long employment basis.
5. A temporary government enterprise employee is defined as a person who works for pay in a government enterprise and whose employment is not on a life-long employment basis.

6. A private employee is a person who works for pay in a non-governmental enterprise owned and operated by an employer.
7. A self-employed worker is a person who operates an enterprise on his own account or on an account jointly owned with others in the form of a partnership either for profit or dividends but without hiring any employee.
8. An unpaid family worker is a person who works without pay on a farm or in a business enterprise owned or operated by the household head or any other household members.
9. A member of a producers' cooperative is a person who holds a "self-employment" job in a cooperative producing goods and services, in which each member takes part on an equal footing with other members in determining the organization of production, sales and/or other work of the establishment, the investments, and the distribution of the proceeds of the establishment amongst their members.

Hours Worked

Hours worked means hours actually worked during the 7 days prior to the interview date. For a person holding more than one job, the hours worked would be the sum of the total of hours worked on all jobs. For a person who had a regular job but was not at work during the survey week, the hours worked would be recorded as zero.

c) Definitions related to specific groups in the non-covered population

Definitions of the following groups exclude those who are covered by social security schemes.

Self-employed

As defined as "Self-employed" in the work status.

Transportation workers

Transportation workers refers to motor-cycle drivers and car, tuktuk, taxi and van drivers. Motor-cycle drivers drive motorcycles or motorized tricycles equipped to transport materials, goods or passengers. Car, tuktuk, taxi and van drivers drive and tend motor cars and vans to transport passengers, mail or goods.

Agriculture and fishery workers

Agriculture and fishery workers refer to i) skilled agricultural and fishery workers who grow and harvest field or tree and shrub crops, gather wild fruits and plants, breed, tend to or hunt animals, produce a variety of animal husbandry products, cultivate, conserve and exploit forests, breed or catch fish and cultivate or gather other forms of aquatic life in order to provide food, shelter and income for themselves and their households, and ii) agricultural, fishery and related labours mainly performing simple and routine farming, forestry, fishing, hunting or trapping tasks requiring the use of simple hand-held tools and very often considerable physical effort.

Construction workers

Construction workers refers to workers who i) construct, maintain and repair foundations, walls and other main parts of buildings and other constructions, both internally and externally, ii) cover, apply or install, maintain and repair roofs, floors, walls, insulation systems, glass in windows or other frames, as well as plumbing, piping and electrical systems in buildings and other constructions, and iii) prepare surfaces of buildings and other structures for painting, apply protective and decorative coats of paint or similar materials or cover interior walls and ceilings of buildings with wallpaper, silk, or other fabrics.

Domestic workers

Domestic workers are defined as workers who sweep, vacuum, wash and polish, take care of household linen, purchase household supplies, prepare food, serve meals and perform various other domestic duties.

Street vendors

Street vendors are defined as workers who sell food and other goods in streets and public places, or by visiting households.

Homeworkers

Homeworkers are individuals of 15 years old or more who take work from an employer to produce at home. The main characteristics of the work are as follows:

1. The place of work can be anywhere other than the employer's work place.
2. The home worker does not produce the goods for his/her sales but must return them to the employer.
3. There is an agreement on the pay between the home worker and the employer. Either the employer or home worker, or both, can fix the pay rate.
4. The work must be done as required by the employer.

Members of low income household

Those whose monthly household income is less than 2,500 Baht.

The elderly

People who are 55 years old or more at the date of interview.

Elderly widow/ers

People who are 55 years or older with widowed marital status.

d) Definitions related to survey**Rounding of estimates**

In the statistical tables, all absolute figures are independently rounded to the nearest unit digit.

Survey week

A survey week is the reference period of the 7 days prior to the interview date.

Enumeration period

The enumeration period was from the 1st to 12th of October, November, and December 2003.

Types of Households included in the survey

Households included in the scope of the survey can be divided into two types:

1. Private households which include one person and multi-person households. One person households are the households in which single persons who make provision for their own food or other essentials of living without combining with any other persons, and multi-person households are the households in which groups of two or more persons make common provision for food or other essentials for living.
2. Special households which include persons living in group quarters within the compound of a factory, or in a dormitory or boarding house which is not exclusively for students.

Households not included in the above mentioned types e.g. inmates of penal institutions, priests, soldiers living in military barracks, students living in dormitories, etc. are classified as institutional households and not covered in the survey.

Appendix B: SURVEY METHODOLOGY, SAMPLE DESIGN AND METHOD OF ESTIMATION

(1) Survey Procedure

Data for this survey, which was conducted from 1st to 12th of October, November, and December 2003, was obtained through interviews with the head and members of 79,560 households throughout the Kingdom. The allocation of the households in the region is listed under the Selection of Secondary Sampling Unit below.

(2) Sample Design

A Stratified Two-Stage Sampling was adopted for the survey. Provinces were constituted strata. The primary and secondary sampling units were blocks of municipal areas/villages in non-municipal areas and private households/persons in the special households respectively.

a) Stratification

Provinces were constituted strata. There were 76 strata altogether. Each stratum was divided into two parts according to the type of local administration, namely municipal areas and non-municipal areas.

b) Selection of Primary Sampling Unit

The sample selection of blocks/villages was performed separately and independently in each part by using probability proportional to size-total numbers of households. The total sample blocks/villages were 5,796 selected from 109,966 blocks/villages.

The total number of sample blocks/villages selected for enumeration by region and type of local administration were as follows:

Table A: Number of Sample blocks/villages

Region	Total	Municipal areas	Non-municipal areas
Bangkok	312	312	-
Central (excluding Bangkok)	1,968	1,080	888
North	1,236	696	540
Northeast	1,296	720	576
South	984	528	456
Total	5,796	3,336	2,460

c) Selection of Secondary Sampling Unit

Private households were the ultimate sampling units. A new listing of private households was made for every sample block/village to serve as the sampling frame. In each sample block/village, a systematic sample of private households was selected with the following sample size:

Municipal areas : 15 sample households per block
 Non-municipal areas : 12 sample households per village

Before selecting sample private households in each sample block/village, the list of private households was rearranged by household size-members of the household.

All special households located within the sample areas were included in the sample and the persons in the special households were systematically selected for interview.

The total number of sample private households selected for enumeration by region and type of local administration were as follows:

Table B: Sampling number of private households

Region	Total	Municipal areas	Non-municipal areas
Bangkok	4,680	4,680	-
Central (excluding Bangkok)	26,856	16,200	10,656
North	16,920	10,440	6,480
Northeast	17,712	10,800	6,912
South	13,392	7,920	5,472
Total	79,560	50,040	29,520

(3) Method of Estimation

The survey results were at regional and provincial levels. At the regional level the results were presented separately for Bangkok and the remaining 75 provinces were classified by region, municipal areas and non-municipal areas.

Let

k = 1,2,3,..., m_{hlj} (serial number of sample block/village)
 i = 1,2,3,...,20 (age - sex group)
 j = 1,2 (type of local administration)
 l = 1,2,3,..., A_h (province)
 h = 1,2,3,4,5 (region)

a) Estimate of the total number of persons with characteristic X

1. Adjusted estimate of the total number of persons with characteristic X for the i^{th} age-sex group, j^{th} area, l^{th} province, h^{th} region was based on the formula :

$$x''_{hlji} = \frac{x'_{hlji}}{y'_{hlji}} Y_{hlji} = r_{hlji} Y_{hlji} \dots\dots\dots(1)$$

where,

x'_{hlji} is the ordinary estimate of the total number of persons with characteristic X for the i^{th} age-sex group, j^{th} area, l^{th} province, h^{th} region.

y'_{hlji} is the ordinary estimate of the total population for the i^{th} age-sex group, j^{th} area, l^{th} province, h^{th} region.

Y_{hlji} ¹⁵ is the estimate, based on the population projection of the total population for the i^{th} age-sex group, j^{th} area, l^{th} province, h^{th} region.

r_{hlji} is the ratio of the estimate of the total number of persons with characteristic X to the estimate of the total population for the i^{th} age-sex group, j^{th} area, l^{th} province, h^{th} region.

The formula of the estimate from a stratified two-stage sampling was as follows:

$$\text{i) } x'_{hlji} = \frac{1}{m_{hlj}} \sum_{k=1}^{m_{hlj}} \frac{1}{P_{hljk}} \frac{N_{hljk}}{n_{hljk}} x_{hljki} \dots\dots\dots (2)$$

where,

x_{hljki} is the total number of persons with characteristic X for the i^{th} age-sex group, k^{th} sample block/village, j^{th} area, l^{th} province, h^{th} region.

N_{hljk} is the total number of listing households in the k^{th} sample block/village, j^{th} area, l^{th} province, h^{th} region.

n_{hljk} is the total number of sample households in the k^{th} sample block/village, j^{th} area, l^{th} province, h^{th} region.

P_{hljk} is the probability of selection of the k^{th} sample block/village, j^{th} area, l^{th} province, h^{th} region.

m_{hlj} is the total number of sample block/village in the j^{th} area, l^{th} province, h^{th} region.

$$\text{ii) } y'_{hlji} = \frac{1}{m_{hlj}} \sum_{k=1}^{m_{hlj}} \frac{1}{P_{hljk}} \frac{N_{hljk}}{n_{hljk}} y_{hljki} \dots\dots\dots (3)$$

where,

¹⁵ Population projections for Thailand 1990-2020, Human Resources Planning Division, National Economic and Social Development Board, the Eighth National Economic and Social Development Planning, March 1995.

y_{hljki} is the total number of the population enumerated for the i^{th} age-sex group,
 k^{th} sample block/village, j^{th} area, l^{th} province, h^{th} region.

2. Adjusted estimate of the total number of persons with characteristic X for the j^{th} area, l^{th} province, h^{th} region was based on the formula:

$$x''_{hlj} = \sum_{i=1}^{20} x''_{hlji} \dots\dots\dots(4)$$

3. Adjusted estimate of the total number of persons with characteristic X for the i^{th} age-sex group, l^{th} province, h^{th} region was based on the formula:

$$x''_{hli} = \sum_{j=1}^2 x''_{hlji} \dots\dots\dots(5)$$

4. Adjusted estimate of the total number of persons with characteristic X for the l^{th} province, h^{th} region was based on the formula:

$$x''_{hl} = \sum_{j=1}^2 x''_{hlj} = \sum_{i=1}^{20} x''_{hli} \dots\dots\dots (6)$$

5. Adjusted estimate of the total number of persons with characteristic X for the i^{th} age-sex group, j^{th} area, h^{th} region was based on the formula:

$$x''_{hji} = \sum_{l=1}^{A_h} x''_{hlji} \dots\dots\dots (7)$$

where,

$$A_h \text{ is the total number of provinces in the } h^{\text{th}} \text{ region and } \sum_{h=1}^5 A_h = 76$$

6. Adjusted estimate of the total number of persons with characteristic X for the j^{th} area, h^{th} region was based on the formula:

$$x''_{hj} = \sum_{l=1}^{A_h} x''_{hlj} = \sum_{i=1}^{20} x''_{hji} \dots\dots\dots (8)$$

7. Adjusted estimate of the total number of persons with characteristic X for the i^{th} age-sex group, h^{th} region was based on the formula:

$$x''_{hi} = \sum_{l=1}^{A_h} x''_{hli} = \sum_{j=1}^2 x''_{hji} \dots\dots\dots (9)$$

8. Adjusted estimate of the total number of persons with characteristic X for the hth region was based on the formula:

$$x''_h = \sum_{l=1}^{A_h} x''_{hl} = \sum_{j=1}^2 x''_{hj} = \sum_{i=1}^{20} x''_{hi} \dots\dots\dots (10)$$

9. Adjusted estimate of the total number of persons with characteristic X for the jth area was based on the formula:

$$x''_j = \sum_{h=1}^5 x''_{hj} \dots\dots\dots (11)$$

10. Adjusted estimate of the total number of persons with characteristic X for the ith age-sex group of whole kingdom was based on the formula:

$$x''_i = \sum_{h=1}^5 x''_{hi} \dots\dots\dots (12)$$

11. Adjusted estimate of the total number of persons with characteristic X for the whole kingdom was based on the formula:

$$x'' = \sum_{h=1}^5 x''_h = \sum_{j=1}^2 x''_j = \sum_{i=1}^{20} x''_i \dots\dots\dots (13)$$

(4) Limitation of the data

Sample surveys are subject to various types of errors. Sampling errors occur because observations are not taken from the entire population. Non-sampling errors can be attributable to many sources, such as inability to obtain information from all households selected in the sample, inability or unwillingness of respondent households to provide correct information, errors made in recording data, mistakes made in coding and estimating for missing data. Every effort was made to minimize errors of all type.

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Appendix C: a) Tables for the covered and non-covered. 1. Age and sex by social security coverage

	Age	Total population																							
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Covered	Total	685,922	750,516	889,077	926,537	941,805	987,900	1,044,433	1,106,282	1,182,451	1,233,401	1,283,120	1,344,435	1,367,479	1,127,512	1,152,686	1,141,203	1,050,351	1,086,605	1,106,965	915,673	1,130,153	1,053,918	1,135,340	1,215,678
	Male	342,191	376,894	444,986	463,797	460,477	501,814	544,033	585,614	576,921	593,391	653,091	694,584	699,894	577,013	573,116	590,814	543,709	570,321	583,281	473,201	584,881	545,891	574,491	633,881
	Female	343,723	373,621	444,111	462,741	481,328	486,087	500,400	519,668	605,530	640,010	630,029	650,851	667,585	550,500	579,570	550,389	506,642	516,284	523,684	442,470	545,272	508,027	560,849	581,797
	Total	45,916	46,681	64,891	73,801	66,221	77,881	83,391	88,091	94,381	98,812	98,371	90,801	93,901	113,511	103,831	114,701	108,891	111,071	107,721	75,721	107,891	103,091	108,991	126,081
	Male	21,271	20,981	35,421	38,061	34,251	37,361	42,621	48,191	40,981	53,811	53,101	53,101	57,011	56,481	57,011	56,481	64,581	64,581	64,581	83,991	103,091	103,091	132,291	161,491
	Female	24,645	25,691	29,471	37,311	31,921	37,311	45,771	49,181	53,381	48,811	44,561	42,291	42,291	60,371	52,781	57,691	50,361	52,091	50,361	80,891	121,301	95,011	149,821	191,211
	Total	39,583	39,251	56,795	65,494	56,045	59,591	72,924	76,338	79,673	88,091	85,543	78,096	101,189	88,618	98,381	83,681	79,560	80,812	80,326	36,281	22,472	7,759	6,305	7,761
	Male	18,902	17,574	30,413	32,794	30,202	35,534	35,761	34,882	35,914	42,849	45,240	45,495	39,715	48,509	43,513	49,491	41,389	40,604	38,491	17,339	11,309	6,079	3,490	9,391
	Female	20,681	21,677	26,382	32,698	25,843	29,057	37,163	41,456	43,759	42,851	40,118	38,381	52,811	44,101	49,811	46,371	38,167	40,208	41,835	18,942	11,680	1,680	2,815	7,216
	SOE	Total	5,096	4,639	5,280	7,108	6,962	12,121	12,518	9,796	13,435	9,388	10,870	9,966	11,085	14,451	10,751	9,621	10,966	9,983	6,154	4,295	1,651	1,133	502
Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803	
PS employees	Male	104	572	311	1,449	931	1,566	931	2,048	1,271	2,333	1,983	1,983	2,841	1,241	2,814	1,981	1,912	1,786	1,065	1,065	2,115	376	2,263	803
Female	1																								

Appendix C: a) Tables for the covered and non-covered. 1. Age and sex by social security coverage

	Age	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Covered	Total	1,188,668	1,193,824	1,160,075	1,116,522	1,044,522	973,103	903,031	834,327	770,000	711,111	658,888	608,888	560,000	513,333	470,000	430,000	390,000	350,000	310,000	270,000	230,000	190,000	150,000	110,000
	Male	614,924	623,804	572,024	519,084	459,084	401,004	353,224	309,314	269,884	231,114	193,884	158,004	124,884	92,444	61,114	30,004	0	0	0	0	0	0	0	0
	Female	573,744	570,020	588,051	597,438	585,438	572,100	550,000	525,014	500,116	477,766	465,004	450,884	435,116	420,888	408,556	399,996	390,000	380,000	370,000	360,000	350,000	340,000	330,000	320,000
	Total	386,041	432,201	428,706	378,753	369,753	319,933	285,410	250,330	215,110	180,000	145,000	110,000	75,000	40,000	5,000	0	0	0	0	0	0	0	0	0
	Male	173,514	196,774	203,160	178,684	152,726	134,088	110,258	87,164	64,896	48,896	36,135	25,944	17,330	10,000	0	0	0	0	0	0	0	0	0	0
	Female	212,538	235,335	225,546	187,969	167,027	137,844	102,864	72,866	51,742	36,262	25,742	18,654	12,166	7,330	0	0	0	0	0	0	0	0	0	0
	Total	28,964	29,881	37,550	47,940	56,160	63,770	69,080	73,000	75,880	78,660	81,340	83,920	86,500	89,080	91,660	94,240	96,820	99,400	101,980	104,560	107,140	109,720	112,300	114,880
	Male	8,076	7,279	10,944	17,237	24,854	32,471	40,088	47,705	55,322	62,939	70,556	78,173	85,790	93,407	101,024	108,641	116,258	123,875	131,492	139,109	146,726	154,343	161,960	169,577
	Female	20,888	22,602	26,606	30,703	31,316	30,783	31,004	34,204	32,160	32,941	33,827	34,713	35,600	36,486	37,372	38,258	39,144	40,030	40,916	41,802	42,688	43,574	44,460	45,346
	Civil servants	15,930	22,942	28,650	36,350	44,240	52,130	60,020	67,910	75,800	83,690	91,580	99,470	107,360	115,250	123,140	131,030	138,920	146,810	154,700	162,590	170,480	178,370	186,260	194,150
	Male	5,196	5,368	9,612	14,543	20,374	26,205	32,036	37,867	43,698	49,529	55,360	61,191	67,022	72,853	78,684	84,515	90,346	96,177	102,008	107,839	113,670	119,501	125,332	131,163
	Female	10,734	17,573	20,046	22,009	23,866	23,117	19,353	21,163	21,567	22,961	24,355	25,749	27,143	28,537	29,931	31,325	32,719	34,113	35,507	36,901	38,295	39,689	41,083	42,477
Beneficiaries in LF (except seanku)	4,540	3,044	3,276	8,412	12,086	11,494	11,192	11,059	10,926	10,793	10,660	10,527	10,394	10,261	10,128	9,995	9,862	9,729	9,596	9,463	9,330	9,197	9,064	8,931	
Male	2,273	1,101	1,132	2,166	4,046	5,904	7,762	9,620	11,478	13,336	15,194	17,052	18,910	20,768	22,626	24,484	26,342	28,200	30,058	31,916	33,774	35,632	37,490	39,348	
Female	2,267	1,943	2,144	6,246	8,040	6,190	3,432	1,637	1,448	1,359	1,270	1,181	1,092	1,003	914	825	736	647	558	469	380	291	202	113	
Seasonally inactive or unemployed	3,765	2,147	2,851	0	1,321	4,521	5,351	2,258	1,662	1,461	0	561	0	0	103	1,282	0	0	0	0	0	0	0	0	
Male	3,431	1,917	0	0	61	276	536	0	0	0	0	56	0	0	103	1,053	0	0	0	0	0	0	0	0	
Female	3,425	1,771	2,851	0	455	1,744	0	0	0	0	0	0	0	0	0	229	0	0	0	0	0	0	0	0	
Beneficiaries not in LF and under15	4,726	3,686	4,123	2,980	2,659	1,399	8,422	4,346	4,363	4,653	6,595	5,892	4,463	3,116	8,613	6,346	4,816	3,379	1,910	8,452	7,756	8,202	8,211	8,068	
Male	1,061	611	0	508	345	323	249	0	42	1,370	535	0	0	0	0	290	1,363	474	581	980	1,484	1,634	1,621	1,607	
Female	3,665	3,075	4,123	2,472	2,314	1,076	8,173	4,846	4,921	3,283	6,060	5,892	4,463	3,116	8,613	6,058	4,445	3,905	7,128	7,272	7,756	6,568	7,588	7,301	
PS	Total	3,869	5,905	8,151	7,863	10,129	5,571	8,591	12,591	9,527	10,394	11,861	16,397	12,566	10,620	11,986	12,810	15,445	11,116	13,623	17,870	12,534	14,466	16,694	10,916
	Male	1,859	3,859	4,254	6,259	3,181	2,071	5,951	6,042	4,344	6,523	7,891	9,125	8,274	5,303	5,390	7,374	8,847	5,576	7,325	7,780	6,100	8,053	11,133	7,860
	Female	2,010	2,046	3,897	1,604	6,948	3,500	2,644	6,612	5,186	3,871	3,969	7,272	4,292	5,317	6,596	5,436	6,568	5,569	6,298	10,090	6,434	6,415	5,521	3,056
	SOE employees	2,492	3,961	7,871	6,562	6,106	2,644	5,918	11,829	5,790	9,353	9,185	11,931	9,078	6,774	5,499	9,198	10,560	6,330	9,452	11,625	10,853	7,866	11,966	9,232
	Male	1,859	3,748	4,254	6,068	3,113	1,646	4,873	6,042	3,446	6,339	7,166	7,673	7,688	4,576	3,258	6,780	8,303	5,175	6,331	7,315	5,796	5,324	9,066	6,739
	Female	633	2,081	3,417	4,932	2,992	995	1,045	5,787	2,441	3,014	2,019	4,258	1,389	2,196	2,241	2,418	2,453	1,155	3,121	4,310	5,084	2,562	2,900	2,493
	Beneficiaries in LF (except seanku)	1,334	991	1,800	0	1,479	2,179	2,190	594	2,809	1,041	2,328	2,334	2,024	2,989	4,614	1,459	3,880	2,859	2,614	4,100	759	3,920	1,704	1,349
	Male	0	112	0	0	66	422	978	0	991	1,841	731	1,452	586	725	2,132	467	1,454	0	767	420	301	2,544	817	1,121
	Female	1,334	879	1,800	0	1,411	1,757	1,212	594	1,818	857	1,597	1,382	1,438	2,273	2,482	991	3,336	2,492	1,847	3,680	458	1,376	887	228
	Seasonally inactive or unemployed	0	0	0	0	0	0	0	0	156	0	181	0	0	0	0	127	0	0	132	0	0	0	0	0
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	156	0	181	0	0	0	0	127	0	0	132	0	0	0	0	0
SSO	Total	1,244	959	3,001	1,301	2,545	749	487	2,322	770	0	130	1,632	1,465	847	1,874	2,027	808	1,895	1,426	2,146	891	2,683	2,983	335
	Male	0	0	0	1,189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	1,861	408	0	0
	Female	1,244	959	3,001	1,112	2,545	749	487	2,322	770	0	130	1,632	1,465	847	1,874	2,027	808	1,895	1,426	2,146	891	2,683	2,983	335
	Total	2,978	4,151	2,848	3,404	2,461	2,770	1,871	3,871	2,922	1,770	0	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390	1,390
	Male	700	3,205	1,118	1,477	669	344	1,891	972	0	541	1,851	881	103	0	1,252	1,310	1,076	1,076	1,076	1,076	1,076	1,076	1,076	1,076
	Female	2,278	946	2,730	2,257	1,796	2,426	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	1,680	
	PS employees	2,915	3,427	2,848	3,404	2,247	2,770	1,761	2,015	1,184	986	435	495	260	1,261	1,991	1,859	1,835	1,307	1,395	1,698	1,563	2,706	1,460	1,123
	Male	638	2,481	1,118	1,477	669	344	1,891	546	0	453	1,511	859	881	103	0	1,214	1,324	624	425	1,881	481	2,174	766	1,441
	Female	2,277	946	2,730	2,257	1,579	2,426	1,578	1,468	1,184	513	284													

Appendix C: a) Tables for the covered and non-covered. 1. Age and sex by social security coverage

	Age	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	
Covered	Total	904,170	703,828	608,763	508,763	433,161	363,297	297,141	227,141	154,004	103,090	63,727	38,727	22,727	13,727	8,727	5,727	3,727	2,727	1,727	1,227	827	527	327	
	Male	426,863	346,909	292,472	242,472	192,472	142,472	92,472	42,472	22,472	12,472	7,472	4,472	2,472	1,472	827	527	327	227	127	827	527	327	127	
	Female	477,310	356,920	316,291	266,291	240,689	220,825	204,669	161,532	129,532	81,532	30,532	18,532	10,532	6,532	3,532	2,532	1,532	827	527	327	227	127		
	CS	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	186,161	
	Male	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	102,541	
	Female	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	83,620	
	SOE	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	106,010	
	Male	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	54,361	
	Female	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	51,649	
	PS	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	
Male	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605		
Female	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605		
Uncovered	Total	717,507	544,905	477,156	409,294	343,937	280,729	227,729	177,729	127,729	77,729	27,729	17,729	12,729	7,729	2,729	1,729	1,229	829	529	329	229	129	729	
	Male	324,024	262,695	225,500	184,180	152,816	121,452	90,088	58,724	27,360	17,360	12,360	7,360	4,360	2,360	1,360	829	529	329	229	129	729	229	129	
	Female	393,483	282,210	251,656	225,114	191,121	166,277	137,641	119,041	100,369	100,369	60,369	40,369	20,369	10,369	5,369	1,369	829	529	329	229	129	729	229	
	Private employees	54,311	53,233	40,776	27,007	26,364	18,677	12,867	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Male	35,170	33,914	25,312	15,403	17,955	13,870	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Female	19,141	19,319	15,464	11,604	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	
	Beneficiaries in LF (except seanU)	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0
	Male	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0
	Female	6,245	4,782	7,201	5,636	5,187	2,285	3,228	6,341	3,818	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	
	Seasonally inactive or unemployed	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Beneficiaries not in LF and under15	Total	2,253	2,760	2,810	73	424	2,706	393	678	1,640	1,332	892	425	2,409	2,230	913	0	550	104	1,281	1,311	684	218	675	
	Male	67	266	46	0	149	309	39	205	885	0	0	1,252	1,560	847	0	0	550	104	1,281	1,311	684	218	675	
	Female	2,253	2,693	2,544	73	424	2,557	84	639	1,555	1,332	892	425	2,409	2,230	913	0	550	104	1,281	1,311	684	218	675	
	Total	717,507	544,905	477,156	409,294	343,937	280,729	227,729	177,729	127,729	77,729	27,729	17,729	12,729	7,729	2,729	1,729	1,229	829	529	329	229	129	729	
	Male	324,024	262,695	225,500	184,180	152,816	121,452	90,088	58,724	27,360	17,360	12,360	7,360	4,360	2,360	1,360	829	529	329	229	129	729	229	129	
	Female	393,483	282,210	251,656	225,114	191,121	166,277	137,641	119,041	100,369	100,369	60,369	40,369	20,369	10,369	5,369	1,369	829	529	329	229	129	729	229	
	Private employees	54,311	53,233	40,776	27,007	26,364	18,677	12,867	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Male	35,170	33,914	25,312	15,403	17,955	13,870	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Female	19,141	19,319	15,464	11,604	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	
	Beneficiaries in LF (except seanU)	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0
Male	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0	
Female	6,245	4,782	7,201	5,636	5,187	2,285	3,228	6,341	3,818	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748		
Uncovered	Total	548	730	1,350	1,721	2,046	2,371	2,696	3,021	3,346	3,671	4,000	4,325	4,650	4,975	5,300	5,625	5,950	6,275	6,600	6,925	7,250	7,575	7,900	
	Male	295	420	730	1,040	1,350	1,660	1,970	2,280	2,590	2,900	3,210	3,520	3,830	4,140	4,450	4,760	5,070	5,380	5,690	6,000	6,310	6,620	6,930	
	Female	253	310	620	681	696	711	726	736	756	756	756	756	756	756	756	756	756	756	756	756	756	756	756	
	Private employees	54,311	53,233	40,776	27,007	26,364	18,677	12,867	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Male	35,170	33,914	25,312	15,403	17,955	13,870	11,957	15,687	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	12,867	
	Female	19,141	19,319	15,464	11,604	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	8,932	
	Beneficiaries in LF (except seanU)	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0
	Male	9,306	10,921	11,868	6,641	9,425	11,763	5,051	8,575	5,550	2,681	2,535	840	3,212	754	362	473	196	1240	32	0	0	0	0	0
	Female	6,245	4,782	7,201	5,636	5,187	2,285	3,228	6,341	3,818	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	6,664	1,449	2,748	
	Seasonally inactive or unemployed	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Male	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Beneficiaries not in LF and under15	Total	2,253	2,760	2,810	73	424	2,706	393	678	1,640	1,332	892	425	2,409	2,230	913	0	550	104	1,281	1,311	684	218	675	
	Male	67	266	46	0	149	309	39	205	885	0	0	1,252	1,560	847	0	0	550	104	1,281	1,311	684	218	675	
	Female	2,253	2,693	2,544	73	424	2,557	84	639	1,555	1,332	892	425	2,409	2,230	913	0	550	104	1,281	1,311	684	218	675	
	Total	717,507	544,905	477,156	409,294	343,937	280,729	227,729	177,729	127,729	77,729	27,729	17,729	12,729	7,729	2,729	1,729	1,229	829	529	329	229	129	729	
	Male	324,024	262,695	225,500	184,180	152,816	121,452	90,088	58,724	27,360	17,360	12,360	7,360	4,360	2,360	1,360	829	529	329	229					

Appendix C: a) Tables for the covered and non-covered. 2. Regional distribution

		Region	Bangkok	Central	North	Northeast	South	Total
Total population	Total		8,097,303	14,643,058	11,386,683	21,496,930	8,613,995	64,237,969
		Male	3,852,646	7,243,539	5,735,774	10,830,831	4,327,464	31,990,254
		Female	4,244,657	7,399,519	5,650,909	10,666,099	4,286,531	32,247,715
	Covered	Total	3,105,191	4,030,616	1,715,782	2,573,168	1,423,331	12,848,088
		Male	1,568,976	2,014,154	845,114	1,293,805	709,709	6,431,758
		Female	1,536,215	2,016,462	870,668	1,279,363	713,622	6,416,330
	CS	Total	733,961	1,326,640	975,173	1,583,738	813,584	5,433,096
		Male	336,966	614,662	458,343	777,197	401,243	2,588,411
		Female	396,995	711,978	516,830	806,541	412,341	2,844,685
	Civil servants	Total	264,024	427,304	304,050	528,684	226,449	1,750,511
		Male	128,040	222,782	177,340	330,730	129,870	988,762
		Female	135,984	204,522	126,710	197,954	96,579	761,749
	Beneficiaries in E (except sean á)	Total	57,040	240,277	213,400	303,847	204,404	1,018,968
		Male	20,918	106,790	91,715	125,580	94,954	439,957
		Female	36,122	133,487	121,685	178,267	109,450	579,011
	Seasonally inactive or unemployed	Total	1,055	3,780	2,997	14,444	2,488	24,764
		Male	1,055	1,881	1,365	2,515	1,793	8,609
		Female	0	1,899	1,632	11,929	695	16,155
	Beneficiaries not in E and under 15	Total	411,842	655,280	454,725	736,760	380,243	2,638,850
		Male	186,954	283,209	187,923	318,370	174,627	1,151,083
		Female	224,888	372,071	266,802	418,390	205,616	1,487,767
	SE	Total	229,791	181,914	84,610	82,152	70,099	648,566
		Male	121,141	98,705	51,551	43,962	38,010	353,369
		Female	108,650	83,209	33,059	38,190	32,089	295,197
	Employee s	Total	110,678	73,838	35,859	32,874	24,704	277,953
		Male	66,644	58,154	30,173	23,638	19,140	197,749
		Female	44,034	15,684	5,686	9,236	5,564	80,204
	Beneficiaries in E (except sean á)	Total	19,614	24,070	9,960	10,897	10,595	75,136
		Male	8,612	9,325	4,540	1,112	5,408	28,997
		Female	11,002	14,745	5,420	9,785	5,187	46,139
	Seasonally inactive or unemployed	Total	0	0	474	18	156	648
		Male	0	0	127	0	0	127
		Female	0	0	347	18	156	521
	Beneficiaries not in E and under 15	Total	99,500	84,003	38,316	38,364	34,643	294,826
		Male	45,886	31,225	16,711	19,212	13,462	126,496
		Female	53,614	52,778	21,605	19,152	21,181	168,330
	PS	Total	28,714	26,156	18,023	14,051	13,479	100,423
		Male	10,315	9,457	9,774	6,098	5,125	40,769
		Female	18,399	16,699	8,249	7,953	8,354	59,654
	Employee s	Total	19,868	14,908	6,729	5,457	7,250	54,212
		Male	5,938	3,316	1,970	2,154	2,671	16,049
		Female	13,930	11,592	4,759	3,303	4,579	38,163
	Beneficiaries in E (except sean á)	Total	997	3,623	2,773	1,133	2,117	10,643
		Male	0	2,315	1,964	896	854	6,029
		Female	997	1,308	809	237	1,263	4,614
	Seasonally inactive or unemployed	Total	0	0	1,248	0	0	1,248
		Male	0	0	1,248	0	0	1,248
		Female	0	0	0	0	0	0
	Beneficiaries not in E and under 15	Total	7,850	7,625	7,272	7,461	4,114	34,322
		Male	4,377	3,826	4,592	3,048	1,601	17,444
		Female	3,473	3,799	2,680	4,413	2,513	16,878
	S	Total	2,112,725	2,495,906	637,976	893,227	526,169	6,666,003
		Male	1,100,554	1,291,330	325,446	466,548	265,331	3,449,209
		Female	1,012,171	1,204,576	312,530	426,679	260,838	3,216,794
	Private employees	Total	1,888,906	2,253,274	453,054	628,393	400,085	5,623,712
		Male	992,982	1,177,641	228,819	326,639	201,978	2,928,059
		Female	895,924	1,075,633	224,235	301,754	198,107	2,695,653
	Beneficiaries in E (except sean á)	Total	167,850	187,115	150,265	230,630	105,261	841,121
		Male	88,127	96,057	82,823	129,808	57,302	454,117
		Female	79,723	91,058	67,442	100,822	47,959	387,004
	Seasonally inactive or unemployed	Total	14,558	16,928	13,857	12,744	5,299	63,386
		Male	10,835	8,870	6,422	6,469	2,155	34,751
		Female	3,723	8,058	7,435	6,275	3,144	28,635
	Beneficiaries not in E and under 15	Total	41,409	38,591	20,800	21,463	15,522	137,785
		Male	8,609	8,762	7,382	3,634	3,894	32,281
		Female	32,800	29,829	13,418	17,829	11,628	105,504
Non-covered	Total	Total	4,966,981	10,572,594	9,664,600	18,911,300	7,183,909	51,299,384
		Male	2,266,944	5,210,860	4,889,118	9,530,037	3,614,910	25,511,869
		Female	2,700,037	5,361,734	4,775,482	9,381,263	3,568,999	25,787,515
	h E (except sean á)	Total	1,944,263	4,890,150	5,169,948	9,423,206	3,455,744	24,883,311
		Male	1,032,252	2,737,288	2,899,781	5,393,763	1,931,693	13,994,777
		Female	912,011	2,152,862	2,270,167	4,029,443	1,524,051	10,888,534
	Seasonally inactive or unemployed	Total	83,185	120,892	140,962	401,820	81,199	828,058
		Male	53,551	77,017	77,075	153,700	39,123	400,466
		Female	29,634	43,875	63,887	248,120	42,076	427,592
	Not in E and under 15	Total	2,939,533	5,561,550	4,353,690	9,086,273	3,646,966	25,588,012
		Male	1,181,140	2,396,555	1,912,262	3,982,574	1,644,093	11,116,624
		Female	1,758,393	3,164,995	2,441,428	5,103,699	2,002,873	14,471,388
	Unknown	Total	25,131	39,849	6,301	12,462	6,755	90,498
		Male	16,726	18,526	1,542	6,989	2,846	46,629
		Female	8,405	21,323	4,759	5,473	3,909	43,869

Appendix C: a) Tables for the covered and non-covered. 3. Marital status

		Marital status		Single	Married	Widowed	Divorced	Separated	Unknown status	Total
Total population (15 years or older)	Total			13,365,927	30,540,160	3,301,009	574,897	787,596	3,907	48,573,496
		Male		7,483,930	15,436,680	643,083	208,514	283,274	589	24,056,070
		Female		5,881,997	15,103,480	2,657,926	366,383	504,322	3,318	24,517,426
	Covered	Total		3,272,017	7,445,244	528,163	135,811	197,449	844	11,579,528
		Male		1,606,800	3,995,851	104,235	38,169	59,733	0	5,804,788
		Female		1,665,217	3,449,393	423,928	97,642	137,716	844	5,774,740
	CS	Total		790,259	3,080,714	389,278	47,656	39,467	112	4,347,486
		Male		359,031	1,588,239	76,450	11,254	14,035	0	2,049,009
		Female		431,228	1,492,475	312,828	36,402	25,432	112	2,298,477
	Civil servants	Total		320,385	1,342,543	37,549	33,897	16,025	112	1,750,511
		Male		112,659	851,648	9,278	8,666	6,513	0	988,764
		Female		207,726	490,895	28,271	25,231	9,512	112	761,747
	Beneficiaries in LF (except seafarers)	Total		43,469	894,546	69,387	4,628	6,943	0	1,018,973
		Male		28,622	395,795	11,799	1,795	1,947	0	439,958
		Female		14,847	498,751	57,588	2,833	4,996	0	579,015
	Seasonally inactive or unemployed	Total		5,581	18,564	621	0	0	0	24,766
		Male		3,888	4,722	0	0	0	0	8,610
		Female		1,693	13,842	621	0	0	0	16,156
	Beneficiaries not in LF	Total		420,825	825,063	281,720	9,132	16,499	0	1,553,239
		Male		213,862	336,076	55,373	794	5,575	0	611,680
		Female		206,963	488,987	226,347	8,338	10,924	0	941,559
	SD	Total		117,192	347,536	23,861	5,748	7,144	0	501,481
		Male		67,336	203,871	4,841	2,617	2,293	0	280,958
		Female		49,856	143,665	19,020	3,131	4,851	0	220,523
	SD employees	Total		55,471	206,917	5,467	5,291	4,806	0	277,952
		Male		31,668	160,694	1,611	2,617	1,158	0	197,748
		Female		23,803	46,223	3,856	2,674	3,648	0	80,204
	Beneficiaries in LF (except seafarers)	Total		6,167	63,492	3,712	46	1,725	0	75,142
		Male		3,483	23,470	912	0	1,135	0	29,000
		Female		2,684	40,022	2,800	46	590	0	46,142
	Seasonally inactive or unemployed	Total		0	433	215	0	0	0	648
		Male		0	127	0	0	0	0	127
		Female		0	306	215	0	0	0	521
	Beneficiaries not in LF	Total		55,552	76,696	14,466	412	613	0	147,739
		Male		32,185	19,581	2,317	0	0	0	54,083
		Female		23,367	57,115	12,149	412	613	0	93,656
	B	Total		29,573	43,714	1,682	1,923	1,171	0	78,063
		Male		14,478	15,930	44	103	0	0	30,555
		Female		15,095	27,784	1,638	1,820	1,171	0	47,508
	B employees	Total		21,992	28,354	1,380	1,866	621	0	54,213
		Male		8,222	7,724	0	103	0	0	16,049
		Female		13,770	20,630	1,380	1,763	621	0	38,164
	Beneficiaries in LF (except seafarers)	Total		0	10,001	92	0	550	0	10,643
		Male		0	6,030	0	0	0	0	6,030
		Female		0	3,971	92	0	550	0	4,613
	Seasonally inactive or unemployed	Total		724	525	0	0	0	0	1,249
		Male		724	525	0	0	0	0	1,249
		Female		0	0	0	0	0	0	0
	Beneficiaries not in LF	Total		6,858	4,835	209	57	0	0	11,959
		Male		5,532	1,652	44	0	0	0	7,228
		Female		1,326	3,183	165	57	0	0	4,731
	SSO	Total		2,334,993	3,973,280	113,342	80,484	149,667	732	6,652,498
		Male		1,165,955	2,187,811	22,900	24,195	43,405	0	3,444,266
		Female		1,169,038	1,785,469	90,442	56,289	106,262	732	3,208,232
	Private employees	Total		2,004,632	3,336,931	90,706	65,423	125,288	732	5,623,712
		Male		1,009,690	1,848,217	16,958	19,983	33,210	0	2,928,058
		Female		994,942	1,488,714	73,748	45,440	92,078	732	2,695,654
	Beneficiaries in LF (except seafarers)	Total		270,430	522,562	14,232	12,755	21,139	0	841,118
		Male		124,283	313,506	4,219	2,982	9,127	0	454,117
		Female		146,147	209,056	10,013	9,773	12,012	0	387,001
	Seasonally inactive or unemployed	Total		34,184	28,516	69	204	412	0	63,385
		Male		19,821	14,565	0	204	161	0	34,751
		Female		14,363	13,951	69	0	251	0	28,634
	Beneficiaries not in LF	Total		25,747	85,269	8,335	2,101	2,828	0	124,280
		Male		12,161	11,522	1,722	1,026	906	0	27,337
		Female		13,586	73,747	6,613	1,075	1,922	0	96,943
Non-covered	Total			36,945,996	10,074,028	23,072,956	2,770,664	437,337	587,948	36,945,996
		Male		18,227,933	5,866,217	11,430,056	538,800	169,170	223,101	18,227,933
		Female		18,718,063	4,207,811	11,642,900	2,231,864	268,167	364,847	18,718,063
	In LF (except seafarers)	Total		4,846,526	18,237,101	1,026,526	344,710	426,965	1,486	24,883,314
		Male		3,240,443	10,222,916	212,457	149,498	169,466	0	13,994,780
		Female		1,606,083	8,014,185	814,069	195,212	257,499	1,486	10,888,534
	Seasonally inactive or unemployed	Total		389,242	396,627	18,511	10,032	13,477	169	828,058
		Male		256,742	125,753	4,431	5,839	7,701	0	400,466
		Female		132,500	270,874	14,080	4,193	5,776	169	427,592
	Not in LF	Total		4,838,260	4,439,227	1,725,627	82,595	147,507	1,408	11,234,624
		Male		2,369,032	1,081,387	321,912	13,833	45,935	589	3,832,688
		Female		2,469,228	3,357,840	1,403,715	68,762	101,572	819	7,401,936
	Unknown	Total		19,882	21,960	2,182	1,749	2,199	0	47,972
		Male		10,913	10,773	48	1,175	440	0	23,349
		Female		8,969	11,187	2,134	574	1,759	0	24,623

Appendix C. a) Tables for the covered and non-covered. 4. Level of Education

Education level		None	Less than elementary	Elementary	Lower secondary	Upper sec. general	Upper sec. Vocational	Upper sec. teacher	Diploma academic	Diploma higher technical	Diploma teacher training	University academic	University higher technical	University teacher training	Other	Unknown	Total
Total population (15 years or older)	Covered	Total	2,511,260	17,332,489	9,742,650	8,159,298	4,034,940	1,588,286	28,198	58,420	1,419,823	2,458,536	184,044	806,053	10,856	140,043	48,573,488
		Male	798,829	8,085,045	5,185,493	4,403,390	2,095,539	948,458	14,512	25,621	794,468	1,161,769	68,475	338,206	5,542	76,564	24,057,339
		Female	1,714,544	9,253,231	4,558,032	3,758,958	1,944,358	643,179	13,686	32,870	626,431	1,299,579	115,569	467,874	5,314	63,957	24,540,773
		Total	157,960	2,290,523	1,569,293	1,978,729	1,281,102	713,972	21,873	29,461	809,820	1,731,999	156,231	717,444	2,348	46,362	11,579,521
		Male	41,515	987,703	835,066	1,122,784	639,483	461,355	11,488	11,396	443,148	819,663	56,404	301,268	1,658	31,448	5,804,782
		Female	116,445	1,302,820	734,227	855,945	641,619	252,617	10,385	18,065	366,672	912,336	99,827	416,176	690	14,914	5,774,739
		Total	114,179	1,306,477	241,020	658,267	286,859	224,129	19,112	10,062	186,421	554,222	105,165	568,801	1,169	12,303	4,347,483
		Male	25,713	499,031	119,937	394,780	144,993	154,153	10,416	3,513	93,638	283,581	31,728	246,190	479	8,398	2,049,005
		Female	88,466	807,446	121,083	263,487	141,866	69,976	8,696	6,549	92,783	270,641	73,437	322,611	690	3,905	2,298,478
		Civil servants	882	129,799	39,717	147,012	108,761	143,480	7,016	6,286	125,089	425,818	92,223	484,751	115	5,286	1,750,509
		Male	727	105,937	32,062	118,533	73,504	113,238	3,781	2,420	65,807	215,807	25,284	204,709	115	4,359	988,762
		Female	155	23,862	7,655	28,479	35,257	30,242	3,235	3,866	59,262	210,011	66,939	280,042	0	927	761,747
		Beneficiaries in LF (except sean&ui)	20,751	576,258	82,834	130,385	63,826	27,135	1,693	2,394	7,236	48,963	2,889	28,055	678	1,438	1,018,972
		Male	4,019	229,602	32,264	77,325	24,905	10,949	988	267	12,988	28,021	798	14,039	56	735	439,954
		Female	16,732	346,656	50,570	53,060	38,921	16,186	705	2,127	11,449	20,942	2,091	14,016	622	703	579,018
		Seasonally inactive or unemployed	0	9,034	146	2,181	2,889	1,273	0	0	5,214	2,984	159	842	0	0	24,764
		Male	0	1,294	0	1,185	631	1,090	0	0	1,964	2,286	159	0	0	0	8,609
		Female	0	7,740	146	996	2,258	183	0	0	3,250	698	0	842	0	0	16,155
		Beneficiaries not in LF	92,546	591,386	118,323	378,689	111,383	52,241	10,403	1,382	31,701	76,457	9,894	55,153	376	5,579	1,553,238
		Male	20,967	162,198	55,611	197,737	45,953	28,876	5,647	826	12,879	37,467	5,487	27,442	308	3,304	611,680
		Female	71,579	429,188	62,712	180,952	65,430	23,365	4,756	556	18,822	38,990	4,407	27,711	68	2,275	941,558
		Total	4,894	81,832	30,129	69,973	51,387	55,157	873	3,146	52,792	134,410	3,780	7,624	1,179	2,474	501,481
		Male	1,158	31,830	13,491	41,778	31,966	37,494	244	2,396	42,615	67,578	1,107	4,700	1,179	2,474	280,958
		Female	3,736	50,002	16,638	28,195	19,421	17,663	629	750	10,177	66,832	2,673	2,924	0	0	220,523
		SOE employees	0	18,343	11,129	23,391	24,362	33,310	738	3,053	44,263	110,180	2,137	3,710	0	1,930	277,956
		Male	0	16,188	8,016	19,007	21,803	26,587	109	2,396	38,789	58,326	1,006	2,693	0	1,930	197,750
		Female	0	2,155	3,113	4,384	2,559	6,723	629	657	5,474	51,854	1,131	1,017	0	0	80,206
		Beneficiaries in LF (except sean&ui)	33	20,707	5,575	5,824	5,824	10,028	135	57	5,914	18,046	705	1,303	1,179	544	75,137
		Male	0	6,106	1,701	1,732	1,002	5,563	135	0	3,678	6,619	101	588	1,179	544	28,996
		Female	33	14,601	3,874	3,307	4,822	4,465	0	57	2,236	11,427	604	715	0	0	46,141
		Seasonally inactive or unemployed	0	215	156	0	0	150	0	0	0	127	0	0	0	0	648
		Male	0	0	0	0	0	0	0	0	0	127	0	0	0	0	127
		Female	0	215	156	0	0	150	0	0	0	0	0	0	0	0	521
		Beneficiaries not in LF	4,861	42,567	13,269	41,543	21,201	11,669	0	36	2,615	6,057	938	2,611	0	0	147,740
		Male	1,158	9,536	3,774	21,039	9,161	5,344	0	0	148	2,506	0	1,419	0	0	54,085
		Female	3,703	33,031	9,495	20,504	12,040	6,325	0	36	2,467	3,551	938	1,192	0	0	93,655

Appendix C: a) Tables for the covered and non-covered. 4. Level of Education

Education level		None	Less than elementary	Elementary	Lower secondary	Upper sec. general	Upper sec. Vocational	Upper sec. teacher	Diploma academic	Diploma higher technical	Diploma teacher training	University academic	University higher technical	University teacher training	Other	Unknown	Total
Total population (15 years or older)	Covered	Total	1,269	8,671	2,524	6,503	4,531	2,138	214	209	4,327	506	16,521	1,510	29,136	0	78,059
		Male	0	4,822	399	4,820	2,775	1,579	0	209	1,839	67	6,278	0	7,765	0	30,553
PS	PS	Female	1,269	3,849	2,125	1,683	1,756	559	214	0	2,488	439	10,243	1,510	21,371	0	47,506
		Male	0	806	0	1,291	2,972	557	214	209	2,488	467	15,025	1,510	28,671	0	54,210
SSO	SSO	Female	0	144	0	602	1,424	84	0	209	0	28	5,852	0	7,705	0	16,048
		Male	0	662	0	689	1,548	473	214	0	2,488	439	9,173	1,510	20,966	0	38,162
Non-covered	Non-covered	Beneficiaries in LF (except sean&ui)	376	5,937	815	680	103	896	0	0	0	39	1,496	0	300	0	10,642
		Male	0	3,633	399	575	0	896	0	0	0	39	426	0	60	0	6,028
Unknown	Unknown	Female	376	2,304	416	105	103	0	0	0	0	0	1,070	0	240	0	4,614
		Male	0	0	0	437	0	0	0	0	812	0	0	0	0	0	1,249
Unknown	Unknown	Seasonally inactive or unemployed	0	0	0	437	0	0	0	0	812	0	0	0	0	0	1,249
		Male	0	0	0	437	0	0	0	0	812	0	0	0	0	0	1,249
Unknown	Unknown	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Beneficiaries not in LF	893	1,928	1,709	4,095	1,456	685	0	0	1,027	0	0	0	165	0	11,958
Unknown	Unknown	Male	0	1,045	0	3,206	1,351	599	0	0	1,027	0	0	0	0	0	7,228
		Female	893	883	1,709	889	105	86	0	0	0	0	0	0	165	0	4,730
Non-covered	Non-covered	Total	37,618	893,543	1,295,620	1,243,986	938,325	432,548	1,674	16,044	566,280	10,770	1,026,846	45,776	111,883	0	6,652,498
		Male	14,644	452,020	701,239	681,406	459,749	268,129	828	5,278	305,056	6,933	462,226	23,569	42,613	0	2,057,638
Non-covered	Non-covered	Female	22,974	441,523	594,381	562,580	478,576	164,419	846	10,766	261,224	3,837	564,620	22,207	69,270	0	3,206,232
		Male	29,103	769,159	1,181,898	1,078,684	788,082	356,260	1,639	11,605	484,086	9,102	814,261	35,732	56,120	0	27,999
Non-covered	Non-covered	Private employees	10,695	380,451	635,563	581,512	391,704	171,905	793	5,022	266,064	6,211	374,879	17,756	21,008	0	18,494
		Female	18,408	388,708	546,335	497,152	396,378	138,355	846	6,583	198,022	2,891	439,382	17,976	35,112	0	9,505
Non-covered	Non-covered	Beneficiaries in LF (except sean&ui)	4,738	100,457	81,137	129,246	123,757	65,660	35	1,937	82,845	1,668	183,415	9,295	53,823	0	3,110
		Male	0	2,960	8,444	15,113	10,428	4,521	0	1,861	6,309	0	12,859	0	891	0	63,386
Non-covered	Non-covered	Seasonally inactive or unemployed	0	2,376	4,726	8,605	5,733	2,755	0	2,132	0	0	8,196	0	229	0	34,752
		Female	0	584	3,718	6,508	4,695	1,766	0	1,861	4,177	0	4,663	0	662	0	28,634
Non-covered	Non-covered	Beneficiaries not in LF	3,777	20,967	24,141	20,963	16,058	6,107	0	641	13,040	0	16,311	749	1,049	0	124,279
		Male	1,717	6,117	7,537	3,952	3,796	933	0	829	0	0	2,457	0	0	0	27,338
Non-covered	Non-covered	Female	2,060	14,850	16,604	17,011	12,262	5,174	0	641	12,211	0	13,854	749	1,049	0	96,941
		Total	2,351,147	15,031,599	8,169,552	6,171,721	2,744,816	869,751	6,325	28,888	608,397	26,075	721,507	27,813	88,582	8,508	91,312
Non-covered	Non-covered	Male	755,201	7,091,555	4,349,552	3,277,556	1,451,099	483,752	3,024	14,154	350,244	14,998	339,294	12,071	36,911	3,884	44,638
		Female	1,595,946	7,940,044	3,820,000	2,894,165	1,293,717	385,999	3,301	14,734	258,153	11,077	382,213	15,742	51,671	4,624	46,474
Non-covered	Non-covered	In LF (except sean&ui)	1,108,691	11,182,852	6,333,894	3,231,683	1,469,349	459,531	3,681	24,092	431,778	20,985	476,190	16,616	62,725	6,282	54,960
		Male	447,197	5,961,981	3,697,787	2,054,653	921,038	287,943	1,948	13,030	269,260	12,803	255,617	8,273	30,538	2,623	30,087
Non-covered	Non-covered	Female	661,494	5,220,871	2,636,107	1,177,030	548,311	171,588	1,733	11,062	162,518	8,182	220,573	8,343	32,187	3,659	24,873
		Seasonally inactive or unemployed	31,732	203,067	223,684	161,260	69,382	22,430	123	0	31,461	136	73,611	3,910	6,777	485	0
Non-covered	Non-covered	Male	13,221	59,354	121,065	96,207	43,193	15,194	123	0	18,663	61	29,145	1,126	2,629	485	0
		Female	18,511	143,713	102,619	65,053	26,189	7,236	0	0	12,798	75	44,466	2,784	4,148	0	427,592
Non-covered	Non-covered	Not in LF	1,210,724	3,645,680	1,611,974	2,778,778	1,206,085	387,790	2,521	4,796	145,158	4,954	171,706	7,287	19,080	1,741	36,352
		Male	294,783	1,070,220	530,700	1,126,696	486,868	180,615	953	1,124	62,321	2,134	54,532	2,672	3,744	776	14,551
Non-covered	Non-covered	Female	915,941	2,575,460	1,081,274	1,652,082	719,217	207,175	1,568	3,672	82,837	2,820	117,174	4,615	15,336	965	21,801
		Total	2,153	10,367	3,805	8,848	9,022	4,563	-	71	1,606	113	5,030	-	27	-	2,369
Non-covered	Non-covered	Male	40	4,580	2,930	5,798	4,065	1,212	-	-	530	86	2,218	-	-	-	1,891
		Female	2,113	5,787	875	3,050	4,957	3,351	-	71	1,076	27	2,812	-	-	-	478

		Social security coverage		Bangkok	Central	North	Northeast	South	Total
Wk status	Employer	Civil service scheme	Total	9,675	17,892	21,379	16,170	22,106	87,222
			Male	7,410	11,702	12,983	9,635	14,592	56,322
			Female	2,265	6,190	8,396	6,535	7,514	30,900
		State Owned Enterprise scheme	Total	576	2,171	292	397	1,826	5,262
			Male	0	243	292	0	1,710	2,245
			Female	576	1,928	0	397	116	3,017
		Private School Scheme	Total	997	29	592	1,038	100	2,756
			Male	0	0	567	896	100	1,563
			Female	997	29	25	142	0	1,193
		SSO scheme	Total	66,784	23,607	9,390	13,145	7,097	120,023
			Male	50,793	18,879	6,397	11,918	5,704	93,691
			Female	15,991	4,728	2,993	1,227	1,393	26,332
		Non-covered	Total	194,089	200,636	219,415	176,720	146,658	937,518
			Male	152,514	157,017	176,839	145,129	116,067	747,566
			Female	41,575	43,619	42,576	31,591	30,591	189,952
		Unknown	Total	1,082	294	0	86	0	1,462
			Male	516	129	0	86	0	731
			Female	566	165	0	0	0	731
	Self-employed	Civil service scheme	Total	25,153	147,022	123,467	190,314	114,005	599,961
			Male	7,350	75,472	64,887	91,443	58,754	297,906
			Female	17,803	71,550	58,580	98,871	55,251	302,055
		State Owned Enterprise scheme	Total	7,469	7,638	5,042	6,649	3,876	30,674
			Male	2,263	2,235	1,228	617	495	6,838
			Female	5,206	5,403	3,814	6,032	3,381	23,836
		Private School Scheme	Total	0	3,356	1,460	95	1,007	5,918
			Male	0	2,315	1,397	0	422	4,134
			Female	0	1,041	63	95	585	1,784
		SSO scheme	Total	17,999	33,700	21,774	30,066	13,578	117,117
			Male	10,191	19,218	11,762	24,579	7,526	73,276
			Female	7,808	14,482	10,012	5,487	6,052	43,841
		Non-covered	Total	741,330	1,933,055	1,965,024	3,988,188	1,371,590	9,999,187
			Male	431,957	1,215,846	1,359,127	2,767,428	870,254	6,644,612
			Female	309,373	717,209	605,897	1,220,760	501,336	3,354,575
		Unknown	Total	0	3,539	66	671	814	5,090
			Male	0	1,936	0	120	353	2,409
			Female	0	1,603	66	551	461	2,681
	Unpaid family worker	Civil service scheme	Total	5,155	38,420	38,011	61,728	46,038	189,352
			Male	1,837	7,778	4,795	11,635	11,520	37,565
			Female	3,318	30,642	33,216	50,093	34,518	151,787
		State Owned Enterprise scheme	Total	640	1,873	714	1,780	876	5,883
			Male	0	1,056	144	0	352	1,552
			Female	640	817	570	1,780	524	4,331
		Private School Scheme	Total	0	238	721	0	893	1,852
			Male	0	0	0	0	332	332
			Female	0	238	721	0	561	1,520
		SSO scheme	Total	31,003	25,781	21,714	31,478	10,634	120,610
			Male	7,290	7,261	11,571	17,357	5,378	48,857
			Female	23,713	18,520	10,143	14,121	5,256	71,753
		Non-covered	Total	321,753	1,310,978	1,552,227	3,383,005	888,917	7,456,880
			Male	95,579	510,706	510,276	1,308,538	300,477	2,725,576
			Female	226,174	800,272	1,041,951	2,074,467	588,440	4,731,304
		Unknown	Total	1,443	2,937	318	2,291	0	6,989
			Male	1,006	849	0	2,096	0	3,951
			Female	437	2,088	318	195	0	3,038

		Social security coverage		Bangkok	Central	North	Northeast	South	Total
Wk status	Govt. Employee	Civil service scheme	Total	264,024	427,304	304,050	528,684	226,449	1,750,511
			Male	128,040	222,782	177,340	330,730	129,870	988,762
			Female	135,984	204,522	126,710	197,954	96,579	761,749
	Govt. Temp. Employee	Civil service scheme	Total	1,481	3,830	3,419	6,099	2,541	17,370
			Male	0	788	422	1,813	1,034	4,057
			Female	1,481	3,042	2,997	4,286	1,507	13,313
		State Owned Enterprise scheme	Total	0	43	158		60	261
			Male	0	0	0	0	0	0
			Female	0	43	158	0	60	261
		Private School Scheme	Total	0	0	0	0	117	117
			Male	0	0	0	0	0	0
			Female	0	0	0	0	117	117
		SSG scheme	Total	45,584	93,193	89,484	150,089	68,768	447,118
			Male	15,576	42,596	47,626	71,043	33,808	210,649
			Female	30,008	50,597	41,858	79,046	34,960	236,469
		Non-covered	Total	6,678	22,260	48,068	47,614	14,163	138,783
			Male	2,477	12,277	31,716	33,213	9,057	88,740
			Female	4,201	9,983	16,352	14,401	5,106	50,043
	SE Employee	State Owned Enterprise scheme	Total	110,678	73,838	35,859	32,874	24,704	277,953
			Male	66,644	58,154	30,173	23,638	19,140	197,749
			Female	44,034	15,684	5,686	9,236	5,564	80,204
	SE Temp. Employee	Civil service scheme	Total	0	226	291	76	148	741
			Male	0	0	160	76	148	384
			Female	0	226	131	0	0	357
		State Owned Enterprise scheme	Total	0	1,096	90	0	301	1,487
			Male	0	248	0	0	301	549
			Female	0	848	90	0	0	938
		SSG scheme	Total	6,480	9,295	7,903	5,646	5,118	34,442
			Male	4,277	8,103	5,467	4,705	4,820	27,372
			Female	2,203	1,192	2,436	941	298	7,070
		Non-covered	Total	538	4,358	2,408	5,171	8,964	21,439
			Male	538	2,952	1,614	5,132	5,450	15,686
			Female	0	1,406	794	39	3,514	5,753
	Private Employee	Civil service scheme	Total	15,576	32,408	25,602	28,428	18,515	120,529
			Male	4,321	10,728	8,222	10,730	8,906	42,907
			Female	11,255	21,680	17,380	17,698	9,609	77,622
		State Owned Enterprise scheme	Total	10,929	11,249	3,664	2,071	3,656	31,569
			Male	6,349	5,543	2,876	495	2,550	17,813
			Female	4,580	5,706	788	1,576	1,106	13,756
		Private School Scheme	Total	19,868	14,908	6,729	5,457	7,250	54,212
			Male	5,938	3,316	1,970	2,154	2,671	16,049
			Female	13,930	11,592	4,759	3,303	4,579	38,163
		SSG scheme	Total	1,888,906	2,253,274	453,054	628,393	400,085	5,623,712
			Male	992,982	1,177,641	228,819	326,639	201,978	2,928,059
			Female	895,924	1,075,633	224,235	301,754	198,107	2,695,653
		Non-covered	Total	679,875	1,414,480	1,369,368	1,791,094	1,021,356	6,276,173
			Male	349,187	837,132	816,018	1,120,118	628,696	3,751,151
			Female	330,688	577,348	553,350	670,976	392,660	2,525,022
	Member of Cooperative	Unknown	Total	6,799	7,192	0	1,471	221	15,683
			Male	4,885	3,616	0	1,218		9,719
			Female	1,914	3,576	0	253	221	5,964
		Civil service scheme	Total	0	479	1,231	1,032	1,051	3,793
			Male	0	322	246	248	0	816
			Female	0	157	985	784	1,051	2,977
		SSG scheme	Total	0	1,539	0	206	66	1,811
			Male	0	0	0	206	66	272
			Female	0	1,539	0	0	0	1,539
		Non-covered	Total	0	4,383	13,438	31,414	4,096	53,331
			Male	0	1,358	4,191	14,205	1,692	21,446
			Female	0	3,025	9,247	17,209	2,404	31,885

Appendix C: a) Tables for the covered and non-covered. 6. Occupation and social security coverage

		Bangkok	Central	North	Northeast	South	Total
Grand total		4,482,564	8,128,522	6,346,424	11,169,640	4,437,645	34,564,796
Covered		2,528,977	3,224,410	1,176,092	1,741,915	980,866	9,652,261
Non-covered		1,944,263	4,890,152	5,169,947	9,423,207	3,455,744	24,883,313
1. Legislators, senior officials and managers	Total	555,476	548,551	433,965	547,825	324,474	2,410,291
	Covered	242,172	146,511	83,248	137,467	75,813	685,211
	Non-covered	313,304	402,041	350,716	410,358	248,661	1,725,080
	Formal	43.6	26.7	19.2	25.1	23.4	28.4
2. Professionals	Total	304,722	326,798	188,490	291,233	139,818	1,251,062
	Covered	266,651	307,319	173,079	281,064	129,470	1,157,584
	Non-covered	38,071	19,479	15,411	10,169	10,348	93,478
	Formal	87.5	94.0	91.8	96.5	92.6	92.5
3. Technicians and associate professionals	Total	370,316	408,981	142,376	198,018	140,444	1,260,135
	Covered	321,137	356,547	109,285	156,103	107,630	1,050,702
	Non-covered	49,179	52,434	33,090	41,915	32,814	209,433
	Formal	86.7	87.2	76.8	78.8	76.6	83.4
4. Clerks	Total	398,788	313,244	173,867	186,668	121,056	1,193,622
	Covered	363,836	274,952	141,798	160,182	98,226	1,038,994
	Non-covered	34,952	38,291	32,069	26,486	22,830	154,628
	Formal	91.2	87.8	81.6	85.8	81.1	87.0
5. Service workers and shop and market sales workers	Total	901,148	1,222,338	750,667	1,050,129	687,020	4,611,303
	Covered	303,712	282,281	176,172	244,476	132,524	1,139,164
	Non-covered	597,437	940,058	574,495	805,653	554,496	3,472,139
	Formal	33.7	23.1	23.5	23.3	19.3	24.7
6. Skilled agricultural and fishery workers	Total	42,525	1,876,834	2,703,023	6,077,341	2,029,333	12,729,056
	Covered	8,783	126,924	110,231	207,517	120,141	573,596
	Non-covered	33,742	1,749,910	2,592,792	5,869,825	1,909,192	12,155,460
	Formal	20.7	6.8	4.1	3.4	5.9	4.5
7. Craft and related trades workers	Total	675,468	1,045,453	699,956	987,842	401,397	3,810,116
	Covered	359,008	435,484	152,407	163,612	96,998	1,207,509
	Non-covered	316,459	609,970	547,549	824,230	304,399	2,602,607
	Formal	53.1	41.7	21.8	16.6	24.2	31.7
8. Plant and machine operators and assemblers	Total	609,243	1,196,356	258,842	447,230	168,586	2,680,257
	Covered	394,607	926,084	119,538	226,539	80,311	1,747,079
	Non-covered	214,636	270,272	139,305	220,691	88,275	933,178
	Formal	64.8	77.4	46.2	50.7	47.6	65.2
9. Elementary occupations	Total	600,408	1,171,438	994,854	1,378,835	424,482	4,570,016
	Covered	255,457	364,133	110,335	164,955	139,753	1,034,632
	Non-covered	344,951	807,305	884,519	1,213,881	284,729	3,535,384
	Formal	42.5	31.1	11.1	12.0	32.9	22.6
10. not classifiable	Total	15,148	4,568	0	0	0	19,716
	Covered	13,615	4,175	0	0	0	17,790
	Non-covered	1,533	393	0	0	0	1,926
	Formal	89.9	91.4	-	-	-	90.2
11. Coverage unknown		9,324	13,961	384	4,518	1,035	29,222

Appendix C: a) Tables for the covered and non-covered. 7. Migration and chang of occupation

		Migration history						Change of job last 12 months				
		Within province	Across the province in the same region	Across the province to different region	From overseas	No	Unknown	Yes	No	Unknown	Total	
Total population of the labour force*		Total	775,270	463,215	866,537	57,133	32,334,747	67,897	28,411,381	69,462	34,564,795	
		Male	461,393	269,101	559,935	47,097	17,691,703	42,082	15,304,159	42,352	19,071,308	
		Female	313,877	194,114	306,602	10,036	14,643,044	25,815	13,107,222	27,110	15,493,487	
	Covered	Total	312,274	161,162	184,067	2,213	8,977,728	14,821	832,160	8,804,947	15,153	9,652,260
		Male	185,799	84,658	108,000	1,784	4,671,284	8,198	461,585	4,589,937	8,198	5,059,720
		Female	126,475	76,504	76,067	429	4,306,444	6,623	370,575	4,215,010	6,955	4,592,540
	CS	Total	55,693	33,528	11,067	1,576	2,665,242	2,377	190,575	2,576,529	2,377	2,769,481
		Male	32,391	18,065	7,198	1,415	1,368,554	1,097	105,760	1,321,862	1,097	1,428,719
		Female	23,302	15,463	3,869	161	1,296,688	1,280	84,815	1,254,667	1,280	1,340,762
	SOE	Total	10,578	1,933	5,800	0	334,782	0	7,624	345,468	0	353,092
Male		6,962	1,223	4,992	0	213,571	0	4,254	222,493	0	226,747	
PS	Female	3,616	710	808	0	121,211	0	3,370	122,975	0	126,345	
	Total	1,457	799	86	324	62,189	0	5,163	59,692	0	64,855	
	Male	103	531	0	324	21,120	0	853	21,225	0	22,078	
	Female	1,354	268	86	0	41,069	0	4,310	38,467	0	42,777	
SSO	Total	244,546	124,902	167,114	313	5,915,515	12,444	628,798	5,823,258	12,776	6,464,832	
	Male	146,343	64,839	95,810	45	3,068,039	7,101	350,718	3,024,357	7,101	3,382,176	
	Female	98,203	60,063	71,304	268	2,847,476	5,343	278,080	2,798,901	5,675	3,082,656	
Non-covered	Total	462,996	302,053	682,470	54,920	23,327,919	52,954	5,251,792	19,577,334	54,187	24,883,313	
	Male	275,594	184,443	451,935	45,313	13,003,732	33,762	3,263,212	10,697,535	34,032	13,994,779	
	Female	187,402	117,610	230,535	9,607	10,324,187	19,192	1,988,580	8,879,799	20,155	10,888,534	
Unknown	Total	0	0	0	0	29,100	122	0	29,100	122	29,222	
	Male	0	0	0	0	16,687	122	0	16,687	122	16,809	
	Female	0	0	0	0	12,413	0	0	12,413	0	12,413	

*Excluding seasonally inactive workers and the unemployed.

Appendix C: a) Tables for the covered and non-covered. 8. Social security coverage by sie of enterprise and region

Sie of enterprise		1-4 persons	5-9 persons	10-19 persons	20-49 persons	50-99 persons	100-199 persons	200 persons or more	Unknown	Total
Total private employees working for enterprises	Civil service scheme	33,160	19,500	18,013	15,169	6,560	5,560	22,567	0	120,529
	State Owned Enterprise scheme	2,421	2,806	1,711	2,249	1,571	2,325	18,484	0	31,567
	Private School Scheme	114	2,409	8,327	15,662	15,965	5,619	6,116	0	54,212
	SSO scheme	214,152	383,191	520,051	695,437	540,488	717,322	2,544,014	9,055	5,623,710
	Non-covered	2,232,571	1,928,284	1,191,436	484,862	140,510	98,271	204,238	16,003	6,276,175
	Unknown	2,520	2,241	1,286	4,951	821	1,075	2,785	0	15,679
	Total	2,484,938	2,338,431	1,740,824	1,198,330	705,915	830,172	2,798,204	25,058	12,121,872
	Civil service scheme	2,751	1,181	2,531	1,992	1,847	651	4,623	0	15,576
	State Owned Enterprise scheme	1,100	1,307	0	0	607	1,981	5,933	0	10,928
	Private School Scheme	0	660	2,979	5,386	5,999	2,298	2,545	0	19,867
Bangkok	SSO scheme	61,732	152,610	230,469	312,296	227,944	245,361	657,309	1,184	1,888,905
	Non-covered	264,285	168,118	91,972	64,090	21,688	21,932	47,285	505	679,875
	Unknown	0	912	1,157	3,671	0	0	1,057	0	6,797
	Total	329,868	324,788	329,108	387,435	258,085	272,223	718,752	1,689	2,621,948
	Civil service scheme	10,887	2,844	3,803	2,716	1,699	3,187	7,272	0	32,408
Central	State Owned Enterprise scheme	421	112	668	269	901	322	8,556	0	11,249
	Private School Scheme	0	214	1,246	4,887	5,127	1,171	2,264	0	14,909
	SSO scheme	57,235	85,143	115,641	192,982	168,545	318,165	1,312,209	3,353	2,253,273
	Non-covered	513,818	407,235	264,095	113,000	35,855	29,532	48,066	2,880	1,414,481
	Unknown	1,050	1,329	129	1,280	821	1,075	1,507	0	7,191
North	Total	583,411	496,877	385,582	315,134	212,948	353,452	1,379,874	6,233	3,733,511
	Civil service scheme	8,069	6,935	4,748	1,821	997	1,552	1,480	0	25,602
	State Owned Enterprise scheme	83	276	457	352	63	0	2,433	0	3,664
	Private School Scheme	114	204	962	2,196	1,792	941	519	0	6,728
	SSO scheme	35,111	50,761	54,516	52,387	50,358	54,219	154,805	897	453,054
Northeast	Non-covered	406,691	466,163	306,742	96,155	34,427	12,438	42,579	4,173	1,369,368
	Unknown	0	0	0	0	0	0	0	0	0
	Total	450,068	524,339	367,425	152,911	87,637	69,150	201,816	5,070	1,858,416
	Civil service scheme	4,432	4,715	4,443	5,797	767	64	8,210	0	28,428
	State Owned Enterprise scheme	395	171	162	0	0	0	1,342	0	2,070
South	Private School Scheme	0	1,064	1,447	1,615	1,111	221	0	0	5,458
	SSO scheme	34,294	56,846	80,177	73,638	54,983	49,860	277,161	1,433	628,392
	Non-covered	429,355	696,141	436,955	129,199	26,642	21,598	44,015	7,190	1,791,095
	Unknown	1,470	0	0	0	0	0	0	0	1,470
	Total	469,946	758,937	523,184	210,249	83,503	71,743	330,728	8,623	2,456,913
South	Civil service scheme	7,021	3,825	2,488	2,843	1,250	106	982	0	18,515
	State Owned Enterprise scheme	422	940	424	1,628	1,250	22	220	0	3,656
	Private School Scheme	0	267	1,693	1,578	1,936	988	788	0	7,250
	SSO scheme	25,780	37,831	39,248	64,134	38,658	49,717	142,530	2,188	400,086
	Non-covered	618,422	190,627	91,672	62,418	21,898	12,771	22,293	1,255	1,021,356
Total	Unknown	0	0	0	0	0	0	221	0	221
	Total	651,645	233,490	135,525	132,601	63,742	63,604	167,034	3,443	1,451,084

Appendix C: a) Tables for the covered and non-covered. 9. Household monthly income

Total population (Private Households plus Special households)		HH monthly income														64,237,968	
Special households		No income	1-2,499	2,500-4,999	5,000-7,499	7,500-9,999	10,000-14,999	15,000-19,999	20,000-29,999	30,000-39,999	40,000-49,999	Over 49,999	Unknown	Total			
Covered	Total	3,596,682	7,613,092	14,052,177	11,319,208	6,249,718	7,745,020	3,907,167	3,596,289	2,097,827	982,782	2,491,029	248,846	63,899,837	338,131		
	Male	1,565,026	3,776,736	7,077,940	5,798,734	3,225,243	3,887,434	1,952,554	1,763,474	1,037,565	480,875	1,194,099	124,135	31,834,096			
	Female	2,031,656	3,836,356	6,974,237	5,560,634	3,024,475	3,857,586	1,954,613	1,832,814	1,060,262	501,907	1,296,930	124,711	32,065,741			
	Total	475,320	206,601	845,264	1,314,476	1,395,404	2,457,004	1,636,609	1,888,108	1,002,297	502,686	1,100,507	64,615	12,689,927			
	Male	201,280	90,932	423,177	640,647	686,951	1,229,024	820,497	950,497	500,577	254,460	551,243	32,405	6,344,547			
	Female	274,040	115,669	422,087	673,829	708,453	1,228,980	816,312	937,611	491,730	248,226	547,267	32,210	6,345,380			
	Total	413,764	118,794	335,904	422,552	475,564	883,558	725,897	868,674	512,816	253,132	391,393	20,188	5,422,256			
	Male	176,317	57,898	161,618	200,435	228,055	432,126	342,164	244,986	124,966	62,587	175,922	8,960	2,586,549			
	Female	237,467	60,896	174,286	222,117	237,511	451,432	383,733	445,691	267,830	128,045	215,471	11,228	2,835,707			
	Non-covered	Civil servants	8,072	10,145	47,893	95,726	159,389	283,590	269,819	333,670	227,879	123,367	165,472	7,812	1,743,054		
Male		3,505	5,329	30,696	64,627	107,731	193,435	146,569	182,217	112,084	61,108	75,400	3,507	988,608			
Female		4,567	4,816	16,997	31,099	51,658	100,155	121,250	151,453	115,795	62,357	90,072	4,305	754,446			
Total		18,052	5,803	10,919	11,086	42,466	68,296	74,696	117,354	97,726	49,938	145,703	5,590	647,629			
Male		6,652	3,438	5,568	6,335	26,269	40,659	37,232	65,008	54,119	28,916	74,494	4,051	352,541			
Female		11,400	2,365	5,551	4,751	16,197	27,637	37,464	52,346	43,607	21,022	71,209	1,539	295,088			
SOE employees		59	3,379	3,153	4,738	21,277	27,637	27,637	27,637	42,607	22,925	78,153	3,322	277,846			
Male		59	2,421	2,445	3,308	18,649	22,659	18,860	35,347	29,125	14,393	47,258	3,226	197,750			
Female		0	958	708	1,430	2,628	4,519	4,544	12,481	13,435	8,402	30,895	96	80,096			
Beneficiaries in LF (except sean&u)		0	372	1,522	1,248	3,250	4,284	2,882	6,191	4,678	854	6,614	0	28,998			
Unknown	Male	0	372	1,298	943	4,381	6,449	7,977	6,198	6,439	8,922	583	583	46,141			
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Beneficiaries not in LF and under 15	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Male	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Beneficiaries not in LF and under 15	17,994	1,682	4,944	3,981	16,484	30,384	40,308	57,111	43,702	23,710	52,012	1,666	293,998			
	Male	6,594	1,400	1,778	7,296	13,716	15,364	23,442	20,316	23,366	10,041	31,391	826	125,668			
	Female	11,400	1,036	3,544	2,203	9,188	16,668	24,944	33,669	23,386	10,041	31,391	860	168,330			
	Total	1,125	2,345	6,213	10,634	9,625	22,923	10,051	17,770	4,457	973	11,723	0	99,733			
	Male	1,125	1,303	2,877	4,329	5,325	7,113	4,992	5,679	1,863	151	5,722	0	40,079			
Female	1,894	1,042	3,336	6,305	4,300	15,810	5,459	12,091	2,594	822	6,001	0	59,654				
Total population (Private Households plus Special households only)	PS employees	573	54	677	4,124	5,371	12,445	5,944	14,479	3,512	905	5,438	0	53,522			
	Male	573	54	677	4,124	5,371	12,445	5,944	14,479	3,512	905	5,438	0	53,522			
	Female	0	80	338	2,719	2,530	2,244	3,721	1,230	151	2,346	0	15,359				
	Beneficiaries in LF (except sean&u)	573	54	597	2,884	1,695	1,245	2,232	78	544	0	68	1,025	0	10,643		
	Male	0	435	1,993	1,039	337	1,641	641	41	544	0	68	1,025	0	6,030		
	Female	0	437	891	656	908	591	37	0	0	0	68	1,025	0	4,613		
	Seasonally inactive or unemployed	0	0	724	437	88	0	0	0	0	0	0	0	0	1,249		
	Male	0	0	724	437	88	0	0	0	0	0	0	0	0	1,249		
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Beneficiaries not in LF and under 15	2,446	1,419	1,928	4,379	2,921	8,248	4,030	2,747	944	0	5,259	0	34,321			
Male	1,125	868	1,811	2,516	2,181	5,305	1,723	1,414	632	0	3,376	0	17,443				
Female	1,321	551	1,847	1,863	740	5,305	1,723	1,333	312	0	1,883	0	16,878				
SSO	Total	40,465	79,659	492,228	870,204	867,585	1,482,227	826,165	685,310	387,298	198,643	551,688	38,837	6,520,309			
	Male	17,186	53,030	253,314	429,548	457,214	749,126	436,509	355,037	199,609	100,306	295,105	19,394	3,365,378			
	Female	23,279	26,629	238,914	440,656	410,371	733,101	389,656	330,273	187,689	98,337	256,583	19,443	3,154,931			
	Private employees	12,516	40,697	368,872	687,971	754,997	1,321,070	734,847	588,363	331,482	172,962	430,539	34,675	5,478,991			
	Male	4,871	24,076	184,028	341,444	400,001	670,797	400,002	311,812	171,289	88,667	229,685	17,759	2,844,431			
	Female	7,645	16,621	184,844	346,527	354,996	650,273	334,845	276,551	160,193	84,295	200,854	16,916	2,634,560			
	Beneficiaries in LF (except sean&u)	3,579	32,378	99,700	153,432	91,083	131,602	71,173	83,718	47,103	19,783	103,806	3,379	840,736			
	Male	2,242	26,566	57,047	79,321	50,109	66,483	34,486	39,741	25,298	10,212	61,214	1,194	453,913			
	Female	1,337	5,812	42,653	74,111	40,974	65,119	36,687	43,977	21,805	9,571	42,592	2,185	386,823			
	Seasonally inactive or unemployed	6,639	4,311	11,182	14,079	4,544	11,679	4,131	2,187	1,587	1,118	969	441	34,750			
Male	3,407	1,484	6,892	7,380	2,576	7,836	629	1,729	289	1,118	969	441	34,750				
Female	3,232	2,827	4,290	6,699	1,968	3,843	3,502	458	1,298	175	342	28,634					
Non-covered	Beneficiaries not in LF and under 15	17,729	2,272	12,473	14,722	16,960	17,874	16,015	11,041	7,126	4,782	16,198	0	137,192			
	Male	6,665	903	5,346	1,403	4,527	4,010	1,393	1,754	2,733	309	3,279	0	32,279			
	Female	11,064	1,369	7,127	13,319	12,433	13,864	14,622	9,267	4,393	4,473	12,962	0	104,913			
	Total	3,117,866	7,405,617	13,200,069	9,999,188	4,849,706	5,281,009	2,269,104	1,905,610	1,085,082	479,104	1,390,522	132,518	51,125,395			
	Male	1,360,934	3,660,511	6,651,032	5,115,421	2,495,605	2,665,670	1,130,803	904,223	536,542	225,700	642,856	64,288	25,443,793			
	Female	1,756,932	3,745,106	6,549,037	4,883,767	2,533,901	2,625,339	1,138,301	1,001,367	558,542	253,404	747,666	68,220	25,681,602			
	In LF (except sean&u)	253,346	4,012,008	7,016,126	5,241,746	2,486,622	2,641,925	1,038,580	863,639	469,168	197,367	573,664	55,368	24,630,579			
	Male	151,039	2,163,724	3,945,125	3,011,611	1,426,386	1,480,794	585,119	472,063	226,674	106,488	500,363	30,489	13,960,095			
	Female	102,307	1,828,284	3,071,001	2,229,935	1,060,436	1,161,170	489,981	390,167	202,151	2	73,301	24,869	10,670,484			
	Seasonally inactive or unemployed	137,890	1,650,890	2,225,305	1,000,165	1,161,170	1,031,139	489,981	390,167	202,151	2	73,301	24,869	10,670,484			
Male	68,976	817,405	1,164,104	570,221	253,970	281,617	117,470	67,706	30,883	3,039	13,601	3,883	400,466				
Female	68,914	833,485	1,061,701	436,959	281,617	281,617	117,470	67,706	30,883	3,039	13,601	3,883	400,466				
Total	Not in LF and under 15	2,720,860	3,243,025	5,982,094	4,628,126	2,320,771	2,571,701	1,191,438	1,020,796	619,540	288,757	893,691	70,442	25,467,022			
	Male	1,130,917	1,415,578	2,036,988	1,049,160	523,813	1,126,710	523,813	420,691	272,158	118,625	337,454	29,906	11,983,232			
	Female	1,589,713	1,827,651	3,354,552	2,591,740	1,2,											

Appendix C: a) Tables for the covered and non-covered. 10. Household monthly income and age distribution

Age		0-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-29 yrs	30-34 yrs	35-39 yrs	40-44 yrs	45-49 yrs	50-54 yrs	55-59 yrs	60-64 yrs	65-69 yrs	70 yrs or more	Total
Total population (Private households only)	No income	226,298	311,856	357,545	334,952	273,487	139,341	152,712	125,462	101,948	125,014	161,910	165,769	247,712	269,550	603,124	3,596,680
	1-2,499	532,683	733,421	759,610	633,241	523,024	547,142	566,319	534,756	522,538	475,678	441,217	373,006	328,890	259,338	382,230	7,613,093
	2,500-4,999	999,884	1,293,146	1,530,663	1,174,419	1,100,780	1,119,638	1,124,445	1,128,638	951,977	964,795	771,405	573,220	456,487	327,314	535,365	14,052,176
	5,000-7,499	797,943	994,588	1,119,865	1,029,069	1,075,452	1,042,381	990,758	912,608	813,188	720,497	559,098	388,296	295,056	203,337	377,070	11,319,206
	7,500-9,999	438,951	523,835	557,658	550,673	604,907	612,370	615,681	532,492	454,894	411,464	308,446	198,877	135,368	127,486	176,617	6,249,719
	10,000-14,999	454,345	609,766	669,612	623,312	804,953	873,275	787,702	693,668	594,732	506,994	387,021	245,396	163,125	129,964	201,156	7,745,021
	15,000-19,999	247,548	294,533	305,609	313,505	409,496	449,747	364,915	335,309	302,605	283,192	202,881	130,041	96,477	65,250	106,059	3,907,167
	20,000-29,999	214,069	267,928	276,894	289,088	328,669	359,083	298,321	292,985	297,029	276,554	215,951	159,871	91,731	67,911	120,205	3,596,289
	30,000-39,999	107,675	157,569	163,125	190,228	172,282	196,018	195,738	177,327	194,582	153,669	136,266	99,849	50,953	39,307	63,240	2,097,828
	40,000-49,999	46,855	64,448	78,555	84,553	67,638	83,415	85,725	83,783	81,043	107,720	74,534	44,257	21,596	18,315	40,345	982,782
Covered	Over 49,999	117,025	185,121	172,223	196,692	208,083	219,863	218,827	224,103	206,684	202,532	182,018	130,959	70,728	53,144	103,025	2,491,027
	Unknown	10,582	17,621	21,915	18,702	25,756	28,486	21,375	18,882	25,577	14,871	12,999	7,519	6,722	6,194	11,644	248,845
	Total	4,193,858	5,453,832	6,013,274	5,438,434	5,594,527	5,670,759	5,462,518	5,060,013	4,546,797	4,242,980	3,453,746	2,517,060	1,964,845	1,567,110	2,720,080	63,899,833
	No income	12,767	20,220	30,705	27,799	9,998	11,890	13,123	10,995	9,009	14,947	21,149	32,031	60,184	63,212	137,290	475,319
	1-2,499	5,914	5,367	2,461	16,197	23,477	17,460	25,913	11,867	7,265	10,454	8,831	10,887	17,383	17,324	25,801	206,601
	2,500-4,999	13,837	14,336	19,606	46,690	125,744	129,728	92,721	71,129	57,521	58,564	46,043	43,446	35,152	29,193	61,554	845,264
	5,000-7,499	20,086	20,381	25,987	75,799	212,233	241,976	183,200	129,680	100,181	85,719	62,109	46,222	36,084	30,799	44,018	1,314,474
	7,500-9,999	35,808	42,610	43,667	77,126	208,502	256,645	227,843	160,960	117,179	69,690	49,744	27,585	22,383	26,259	29,239	1,395,240
	10,000-14,999	61,356	80,737	104,819	120,429	329,063	425,958	388,191	292,111	221,469	144,958	96,925	72,129	42,585	26,737	49,537	2,457,004
	15,000-19,999	38,421	66,989	85,760	85,415	192,194	269,535	199,924	184,283	151,677	129,524	74,489	59,336	30,501	24,830	43,922	1,636,810
Non-covered	20,000-29,999	59,824	81,718	88,639	93,307	153,555	215,613	198,608	152,341	172,862	154,557	110,569	78,056	35,052	34,044	60,365	1,689,110
	30,000-39,999	22,744	50,826	58,339	70,368	69,957	112,018	103,874	94,139	124,719	94,629	79,943	50,892	21,295	18,402	30,151	1,002,296
	40,000-49,999	10,809	19,228	29,848	31,640	23,724	53,274	58,523	50,811	48,178	64,111	47,427	27,586	12,838	7,559	17,130	502,686
	Over 49,999	17,548	39,927	32,147	43,670	71,958	130,927	120,016	122,366	116,774	109,451	108,345	78,794	34,233	23,229	51,120	1,100,505
	Unknown	411	3,244	1,153	2,914	4,980	12,201	6,617	7,061	11,348	5,287	4,570	1,458	524	129	2,716	64,616
	Total	299,525	445,583	523,131	691,354	1,425,385	1,877,225	1,618,553	1,287,751	1,138,177	941,891	710,154	528,422	348,214	301,717	552,843	12,689,925
	No income	211,943	290,345	326,577	307,153	263,489	127,451	139,589	114,467	92,774	110,067	140,761	133,738	187,528	206,150	465,834	3,117,866
	1-2,499	526,769	728,054	757,149	616,488	499,547	529,682	540,406	522,889	514,955	465,224	432,386	362,119	311,507	242,014	356,429	7,405,618
	2,500-4,999	985,584	1,276,822	1,507,387	1,127,729	974,722	989,666	1,031,724	1,057,509	894,456	906,066	725,362	529,774	421,335	298,121	473,811	13,200,068
	5,000-7,499	775,392	973,707	1,092,663	953,270	862,601	800,132	807,085	782,928	713,007	634,778	496,989	342,074	258,972	172,538	333,052	9,999,188
Unknown	7,500-9,999	402,402	479,486	512,467	473,547	396,405	355,725	387,838	371,532	337,715	341,774	257,933	171,292	112,985	101,227	147,378	4,849,706
	10,000-14,999	391,609	526,899	561,636	502,883	475,669	447,197	399,511	401,557	373,263	362,036	290,096	173,267	120,540	103,227	151,619	5,281,009
	15,000-19,999	209,127	226,290	219,849	228,090	217,302	180,212	164,991	151,026	150,928	153,668	128,382	70,705	65,976	40,420	62,137	2,269,103
	20,000-29,999	154,210	185,302	187,885	195,781	174,856	143,470	139,713	140,644	124,167	121,997	105,382	81,815	56,679	33,867	59,840	1,905,608
	30,000-39,999	84,679	106,743	104,590	119,860	102,325	84,000	91,864	83,188	69,863	59,040	56,323	48,957	29,658	20,905	33,089	1,095,084
	40,000-49,999	35,554	45,220	48,255	52,913	43,914	30,141	27,202	32,972	32,817	43,609	27,107	16,671	8,758	10,756	23,215	479,104
	Over 49,999	99,477	145,194	140,076	153,022	136,125	88,936	98,811	101,737	89,910	93,081	73,673	52,165	36,495	29,915	51,905	1,390,522
	Unknown	5,820	9,950	16,072	13,444	14,586	9,164	9,095	9,578	12,302	6,976	5,253	3,443	5,127	4,507	7,200	132,517
	Total	3,882,566	4,994,012	5,474,606	4,744,180	4,161,541	3,785,776	3,837,829	3,770,027	3,406,157	3,298,316	2,739,647	1,986,020	1,615,560	1,263,647	2,165,509	51,125,393
	No income	1,588	1,291	263	0	0	0	0	0	165	0	0	0	0	188	0	3,495
Unknown	1-2,499	0	0	0	556	0	0	0	0	318	0	0	0	0	0	0	874
	2,500-4,999	463	1,988	3,670	0	314	244	0	0	0	165	0	0	0	0	0	6,844
	5,000-7,499	2,465	500	1,215	0	618	273	473	0	0	0	0	0	0	0	0	5,544
	7,500-9,999	741	1,739	1,524	0	0	0	0	0	0	0	769	0	0	0	0	4,773
	10,000-14,999	1,380	2,130	3,157	0	221	120	0	0	0	0	0	0	0	0	0	7,008
	15,000-19,999	0	1,254	0	0	0	0	0	0	0	0	0	0	0	0	0	1,254
	20,000-29,999	35	908	370	0	258	0	0	0	0	0	0	0	0	0	0	1,571
	30,000-39,999	252	0	196	0	0	0	0	0	0	0	0	0	0	0	0	448
	40,000-49,999	492	0	452	0	0	0	0	0	48	0	0	0	0	0	0	992
	Over 49,999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	Unknown	4,351	4,427	4,690	2,344	6,190	7,121	5,663	2,235	1,932	2,608	3,176	2,618	1,071	1,558	1,728	51,712
	Total	11,767	14,237	15,537	2,900	7,601	7,758	6,136	2,235	2,463	2,773	3,945	2,618	1,071	1,746	1,728	84,515

Appendix C. a) Tables for the covered and non-covered. 11. Household monthly income by work status

	No income	1-2,499	2,500-4,999	5,000-7,499	7,500-9,999	10,000-14,999	15,000-19,999	20,000-29,999	30,000-39,999	40,000-49,999	Over 49,999	Unknown	Total
Covered	Employers	556	1,988	8,479	6,856	4,627	24,733	32,869	27,397	11,563	78,657	1,243	215,105
	Self-employed	6,568	57,260	113,037	124,615	70,746	137,018	85,908	37,213	9,812	19,610	1,291	753,669
	Unpaid family workers	426	27,500	57,925	52,368	26,136	45,552	31,401	13,494	6,910	30,879	927	317,699
	Part. Employees	8,072	10,145	47,892	95,726	159,389	269,819	333,669	227,879	123,587	165,472	7,812	1,743,052
	Govt. Temp. Employees	2,424	5,218	64,216	112,602	69,148	84,567	46,594	15,607	7,363	11,396	1,446	464,482
	Self-Employees	59	3,378	3,153	4,738	21,277	27,179	23,403	42,559	22,794	78,154	3,321	277,843
	Self-Temp. Employees	655	198	2,890	6,621	5,158	6,979	3,846	721	785	3,749	-	36,671
	Private Employees	13,279	45,460	380,652	707,050	773,293	1,360,045	626,757	348,651	177,074	454,549	35,077	5,684,613
	Members of Coop.	-	330	471	700	1,625	967	1,365	-	-	-	-	5,603
	Total	32,039	151,477	678,715	1,111,276	1,131,399	1,980,630	1,235,972	713,521	359,888	842,466	51,117	9,498,737
Non-covered	Employers	9,198	43,541	142,983	128,522	88,252	140,611	86,703	65,214	31,410	111,797	6,696	936,991
	Self-employed	149,163	1,820,805	2,838,137	2,024,199	937,950	1,050,091	343,181	165,778	63,090	160,477	23,513	9,998,166
	Unpaid family workers	44,913	1,352,513	2,238,355	1,538,319	675,169	723,684	230,940	140,444	54,605	160,433	12,242	7,456,882
	Part. Temp. Employees	478	7,898	40,277	44,964	17,922	14,837	2,394	1,595	1,014	1,452	30	138,784
	Self-Temp. Employees	-	55	6,564	7,420	3,093	1,967	1,110	-	-	201	-	21,440
	Private Employees	49,357	769,779	1,732,424	1,486,059	762,838	709,947	197,561	85,153	37,848	138,870	12,887	6,224,981
	Members of Coop.	237	17,418	17,386	12,264	1,597	786	1,947	1,003	-	432	-	53,329
	Total	253,346	4,012,009	7,016,126	5,241,747	2,486,821	2,641,923	863,836	459,187	187,967	573,662	55,368	24,830,573
	Employers	-	-	-	-	-	-	-	-	-	-	1,378	1,378
	Self-employed	-	-	-	473	-	-	-	-	-	-	4,616	5,089
Known	Unpaid family workers	165	318	244	126	769	-	-	-	-	-	5,298	6,920
	Private Employees	-	-	-	-	-	221	-	-	-	-	15,460	15,681
	Total	165	318	244	599	769	221	-	-	-	-	26,752	29,068

Appendix C: a) Tables for the covered and non-covered. 12. Risk priority by social security coverage

Risk		Sickness	Occ injury	Job loss	Becoming old	Disability	Death	Funeral	Maternity	Child care	Education	Disaster	Loss of livestock	Loss of harvest	Others	No effect	Unknown	Total
Total		15,713,020	1,489,742	9,859,822	3,260,437	1,905,251	4,236,022	150,362	210,027	3,952,260	2,676,384	986,855	163,937	2,969,753	1,076,482	1,595,249	547,758	48,572,477
Covered	Male	7,766,142	878,183	4,917,468	1,362,191	932,581	2,136,220	71,013	22,810	1,453,369	1,294,540	551,939	105,371	1,665,424	592,168	798,428	283,072	24,056,063
	Female	7,404,878	601,559	3,942,354	1,898,243	2,899,802	2,899,802	79,349	32,077	1,808,921	1,381,844	434,916	58,566	1,304,334	484,314	796,821	154,686	24,517,414
	Total	3,556,750	370,660	3,251,926	572,148	528,196	266,718	26,034	38,217	814,372	468,265	90,825	16,423	143,975	266,026	332,705	141,022	5,904,796
	Male	1,757,438	217,129	1,681,739	264,114	268,748	206,212	12,300	6,969	398,400	238,676	42,556	7,954	78,148	141,666	332,705	141,022	5,904,796
	Female	1,599,312	153,531	1,570,187	308,034	261,448	449,507	13,714	25,118	415,972	229,609	48,269	8,469	65,827	124,360	391,149	121,206	5,774,732
	Total	1,266,346	92,261	395,825	464,181	229,880	434,761	15,767	10,108	365,239	295,574	60,725	8,237	117,691	118,989	370,642	40,281	4,347,487
	Male	616,254	51,689	205,665	209,463	118,278	338,379	6,928	3,540	174,140	140,092	30,418	4,871	64,095	59,639	175,978	48,583	2,049,012
	Female	650,092	40,572	190,160	254,718	111,582	296,382	8,839	6,568	191,099	155,482	30,307	3,366	53,596	59,350	194,664	51,698	2,298,475
	Civil servants	564,884	53,195	258,694	70,518	120,359	34,232	5,407	7,021	228,194	121,316	12,970	1,253	10,552	59,568	159,282	43,067	1,750,512
	Male	320,369	34,734	144,617	40,495	69,603	14,972	2,308	2,638	137,272	63,137	6,119	1,253	9,231	34,976	80,694	25,345	988,763
Female	244,515	18,461	114,077	30,023	50,756	19,260	2,994	3,364	90,922	58,179	6,811	4,383	7,232	24,592	78,588	17,722	761,749	
Beneficiaries	301,620	28,964	70,175	119,840	40,581	80,490	3,942	1,465	80,996	42,700	29,768	6,596	89,453	39,033	70,962	12,388	1,018,973	
Male	129,667	13,687	33,736	57,628	18,346	15,955	761	9,022	28,010	18,447	16,085	3,572	50,572	18,456	31,089	5,045	439,960	
Female	171,953	15,277	36,439	62,212	22,233	64,535	3,181	5,633	54,986	24,253	13,683	3,024	38,881	20,577	39,873	7,343	579,013	
Seasonally in	4,480	0	4,993	579	581	2,374	0	6,648	24,253	77	2,844	3,024	38,881	20,577	39,873	7,343	579,013	
Male	2,099	0	3,821	0	363	835	0	152	0	77	737	0	370	99	56	0	8,609	
Female	2,381	0	1,172	579	218	1,539	0	6,496	24,253	77	2,107	0	1,479	184	0	0	16,155	
Beneficiaries	395,362	10,102	61,963	273,244	68,339	317,665	6,418	1,622	49,401	131,481	15,143	388	15,837	20,105	140,342	45,826	1,553,238	
Male	161,119	9,262	31,740	111,340	29,964	106,617	2,859	0	10,706	58,431	7,477	46	10,706	6,108	64,139	19,193	611,680	
Female	234,243	6,834	38,472	161,904	38,375	211,048	3,559	1,622	38,695	73,155	7,666	342	11,915	13,997	76,203	26,633	501,558	
Total	159,653	15,934	85,003	26,849	27,691	55,523	2,120	728	45,599	26,150	7,666	342	9,977	8,432	33,397	13,129	501,477	
Male	93,503	10,749	48,515	14,810	17,390	19,665	683	138	25,432	16,696	370	245	666	4,437	20,886	7,842	280,957	
Female	65,150	5,185	36,488	12,039	10,301	35,868	1,437	590	20,167	10,519	63	589	331	3,995	12,511	5,287	220,520	
SOE employee	98,675	12,028	60,723	6,836	15,676	7,603	1,429	138	23,791	13,274	370	245	0	5,176	16,689	9,298	277,951	
Male	68,203	10,624	39,136	5,170	12,018	5,699	683	138	21,797	10,287	370	245	0	3,809	12,327	6,442	197,748	
Female	29,472	1,404	21,587	1,666	3,658	1,904	746	0	1,994	2,987	0	589	941	1,733	4,362	2,856	80,203	
Beneficiaries	25,842	1,126	11,513	6,124	3,770	4,841	0	590	10,507	1,390	63	589	941	1,733	4,362	2,856	80,203	
Male	17,181	48	4,952	4,135	2,629	629	0	590	10,507	1,390	63	589	941	1,733	4,362	2,856	80,203	
Female	18,661	1,078	6,521	1,989	1,141	4,212	0	590	17,375	625	63	589	975	977	1,272	772	46,141	
Seasonally in	415	0	18	215	0	0	0	0	0	0	0	0	0	0	0	0	648	
Male	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127	
Female	288	0	18	215	0	0	0	0	0	0	0	0	0	0	0	0	521	
Beneficiaries	33,721	2,790	12,749	13,674	8,245	43,079	691	0	5,301	11,491	15,143	388	56	1,523	11,634	2,794	147,738	
Male	16,992	77	4,367	5,505	2,743	13,327	0	0	503	4,585	0	0	0	503	72	4,757	1,135	54,083
Female	16,729	2,703	8,382	8,169	5,502	29,752	691	0	4,798	6,906	15,143	388	56	1,523	11,634	2,794	147,738	
Total	25,392	1,106	18,529	1,820	6,063	7,559	507	112	5,022	2,951	17,889	342	882	825	5,183	2,111	76,082	
Male	8,324	915	7,541	799	1,597	3,043	507	0	1,108	2,684	0	0	416	569	2,970	1,190	47,508	
Female	17,068	191	10,988	1,021	4,466	4,516	0	0	112	3,714	287	0	0	554	4,406	1,630	54,210	
PS employee	18,101	1,106	14,815	970	4,540	2,130	0	0	0	4,499	1,459	0	0	144	1,691	686	16,047	
Male	3,452	915	5,457	216	1,077	0	0	0	0	1,059	1,350	0	0	0	410	2,715	944	
Female	14,649	191	9,358	754	3,463	2,130	0	0	0	3,440	1,09	0	0	882	218	714	0	
Beneficiaries	2,499	0	878	275	736	1,604	507	0	306	25	0	0	0	466	112	522	0	
Male	1,705	0	878	68	653	402	0	0	169	25	0	0	0	416	106	192	0	
Female	812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Seasonally in	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Beneficiaries	1,980	0	2,836	575	350	3,825	0	112	217	1,487	0	0	53	63	481	11,959	48	
Male	0	0	2,084	376	0	1,841	0	112	112	1,314	0	0	0	0	235	7,228	0	
Female	714	0	752	199	350	1,984	0	112	105	153	0	0	53	63	246	4,731	0	
Total	1,906,359	261,379	2,752,569	79,298	264,582	157,876	7,940	21,129	398,512	143,605	29,667	7,352	24,405	137,780	314,832	145,707	6,652,492	
Male	1,039,357	153,776	1,420,018	39,042	149,483	45,135	4,402	3,281	197,520	71,284	11,768	2,838	12,921	77,334	133,628	82,676	3,444,263	
Female	867,002	107,603	1,332,551	40,256	115,099	112,741	3,538	17,848	200,992	72,321	17,889	4,514	11,484	60,446	181,004	63,031	3,208,229	
Private employee	1,617,863	232,468	2,417,485	55,399	205,895	109,436	5,947	15,796	332,133	107,840	20,274	6,650	11,987	111,932	254,310	118,278	5,623,711	
Male	877,498	137,803	1,257,564	27,198	115,516	32,734	3,384	2,330	166,086	57,395	5,479	2,551	6,436	63,286	104,362	68,445	2,828,089	
Female	740,365	94,665	1,159,921	28,201	90,379	76,702	2,963	13,466	165,047	50,445	14,795	4,099	5,551	48,544	149,928	49,833	2,895,602	
Beneficiaries	239,465	23,047	268,679	18,362	52,216	28,245	1,893	4,868	33,571	30,710	9,383	287	12,418	24,380	48,646	24,738	841,116	
Male	142,062	14,089	136,604	8,644	31,209	10,430	945	3,970	20,591	17,395	3,269	287	6,415	12,900	25,985	13,723	414,115	
Female	97,403	8,958	133,075	9,718	21,009	17,815	948	3,970	13,000	13,320	6,114	0	5,993	11,390	22,661	11,0		

Appendix C: a) Tables for the covered and non-covered. 13. Risk priority by age distribution

Age		15-19 yrs	20-24 yrs	25-29 yrs	30-34 yrs	35-39 yrs	40-44 yrs	45-49 yrs	50-54 yrs	55-59 yrs	60-64 yrs	65-69 yrs	70 yrs or more	Total
Covered	Sickness	1,251,540	1,624,537	1,712,915	1,742,960	1,639,498	1,508,482	1,527,246	1,258,568	938,619	691,509	511,331	765,813	15,173,018
	Occupational injury	108,699	200,768	209,076	204,468	197,109	159,568	144,393	113,744	65,928	38,587	22,870	23,533	1,488,743
	Job loss	904,623	1,730,606	1,755,468	1,307,191	1,039,430	764,640	581,463	374,350	205,157	90,340	52,404	54,149	8,859,821
	Becoming old	52,478	40,372	60,634	79,465	91,494	133,839	181,446	302,429	318,782	494,048	479,593	1,025,853	3,260,433
	Disability	124,419	161,360	225,967	195,158	220,038	205,940	195,004	162,488	127,684	97,999	73,385	116,814	1,906,256
	Death of income earner	1,187,934	543,598	320,170	303,917	277,935	240,095	233,768	202,703	162,622	166,732	177,265	417,283	4,236,022
	Funeral	3,472	13,653	8,005	12,205	10,716	15,803	12,651	16,308	15,266	9,830	8,030	24,497	150,436
	Maternity	11,993	56,063	54,146	34,087	22,209	16,445	8,500	3,504	2,527	509	0	46	210,029
	Child care	54,749	270,692	445,264	625,805	622,200	497,911	374,330	205,370	92,506	38,557	18,696	16,209	3,262,289
	Education	1,317,168	378,220	119,170	123,392	180,206	208,818	161,903	98,182	49,116	20,295	11,081	8,832	2,676,383
	Natural disaster	50,007	76,272	97,770	125,451	104,819	124,844	125,720	118,124	86,114	42,098	25,339	20,299	996,857
	Loss of livestock	4,411	12,232	16,872	24,021	14,923	21,708	19,104	14,763	15,545	7,144	8,660	4,557	163,940
	Loss of harvest	112,559	222,218	296,080	341,859	376,273	373,698	402,398	323,884	231,381	148,042	79,183	62,184	2,969,759
	Others	54,951	107,331	139,454	141,980	116,770	116,814	122,597	109,802	75,503	39,915	26,883	24,479	1,076,479
	No effect	175,750	210,639	203,163	165,360	126,666	122,737	124,515	117,466	111,282	63,767	59,812	114,094	1,595,251
	Unknown	86,053	75,096	74,537	65,931	44,587	45,533	33,717	34,970	17,436	15,549	12,768	41,598	547,775
	Total	5,500,806	5,723,657	5,738,691	5,493,250	5,084,873	4,556,875	4,248,755	3,456,655	2,517,468	1,964,921	1,567,300	2,720,240	48,573,491
Covered	Sickness	145,436	377,455	534,561	496,039	393,137	351,251	305,494	233,920	177,254	115,524	84,189	142,489	3,356,749
	Occupational injury	19,246	69,178	66,407	57,378	51,213	29,597	30,979	18,257	16,181	4,950	4,680	2,614	370,680
	Job loss	164,981	616,882	814,334	555,704	405,442	296,306	196,030	105,323	59,961	19,032	8,748	9,183	3,251,926
	Becoming old	3,910	5,107	17,539	20,255	28,316	35,110	54,754	54,966	69,901	79,927	186,093	572,148	
	Disability	16,422	55,153	78,266	61,118	57,657	68,296	49,223	38,232	38,697	22,117	13,982	29,036	528,199
	Death of income earner	137,767	45,367	43,487	57,294	52,971	43,374	49,974	39,629	34,577	31,723	35,485	84,131	655,719
	Funeral	571	972	1,870	3,123	3,562	975	1,824	2,398	3,446	2,304	2,259	2,730	26,034
	Maternity	251	3,924	14,680	3,443	4,680	2,514	1,409	309	867	0	0	0	32,077
	Child care	8,938	48,725	104,073	168,707	148,839	138,759	92,418	56,290	26,078	11,368	5,852	4,325	814,372
	Education	130,320	48,921	39,559	36,210	50,223	64,286	50,377	33,938	9,522	2,788	1,390	749	468,283
	Natural disaster	3,490	10,174	6,367	8,986	6,627	5,051	9,592	11,043	7,847	8,747	7,020	5,882	90,826
	Loss of livestock	0	0	560	5,883	1,957	2,423	1,818	1,292	850	745	897	0	16,425
	Loss of harvest	2,691	11,735	6,958	8,553	9,484	9,076	18,529	25,179	17,995	16,068	9,564	8,141	143,973
	Others	8,394	40,719	49,997	39,227	18,482	21,584	25,277	19,252	21,881	8,272	8,830	4,110	266,025
	No effect	36,431	87,495	104,047	90,575	59,725	61,697	59,655	57,950	50,236	28,139	32,704	55,199	723,853
	Unknown	25,418	35,326	47,915	35,506	22,298	23,562	17,370	15,224	8,377	6,537	6,379	18,320	262,232
	Total	704,266	1,457,133	1,929,351	1,645,285	1,306,552	1,147,067	945,079	712,990	528,675	348,215	301,906	553,002	11,579,521
Non-covered	Sickness	1,106,104	1,247,082	1,178,354	1,246,921	1,246,361	1,157,231	1,221,752	1,024,648	761,365	575,985	427,142	623,324	11,816,269
	Occupational injury	89,453	131,590	142,669	147,090	145,896	129,971	113,414	95,487	49,747	33,637	18,190	20,919	1,118,063
	Job loss	739,642	1,113,106	941,134	751,487	633,988	468,334	385,433	269,027	145,196	71,308	43,656	44,966	5,607,277
	Becoming old	48,568	35,265	44,364	61,926	71,239	105,523	146,336	247,675	263,816	424,147	399,666	839,760	2,688,285
	Disability	107,997	106,207	147,701	134,040	162,381	137,644	145,781	124,256	88,987	75,882	59,403	87,778	1,378,057
	Death of income earner	1,049,611	498,231	276,683	246,623	224,964	196,721	183,794	163,074	130,105	135,009	141,780	333,152	3,579,747
	Funeral	2,901	12,681	6,135	9,082	7,154	14,828	10,827	13,910	11,820	7,526	5,771	21,767	124,402
	Maternity	11,742	52,139	39,466	30,644	17,529	13,931	7,091	3,195	1,660	509	0	46	177,952
	Child care	45,811	221,967	341,191	457,098	473,361	359,152	281,912	149,080	66,428	27,189	12,844	11,884	2,447,917
	Education	1,186,848	329,299	79,611	87,182	129,983	144,532	111,526	64,244	39,594	17,507	9,691	8,083	2,208,100
	Natural disaster	46,517	66,098	91,403	116,465	98,192	119,793	116,128	107,081	78,267	33,351	18,319	14,417	906,031
	Loss of livestock	4,411	12,232	16,312	18,138	12,966	19,285	17,286	13,471	14,695	6,399	7,763	4,557	147,515
	Loss of harvest	109,868	210,483	289,122	333,306	366,789	364,622	383,869	298,705	213,386	131,974	69,619	54,043	2,825,786
	Others	46,557	66,612	89,457	102,753	98,288	95,230	97,320	90,550	53,622	31,643	18,053	20,369	810,454
	No effect	139,319	123,144	99,116	74,785	66,941	61,040	64,860	59,516	61,046	35,628	27,108	58,895	871,398
	Unknown	56,305	30,004	18,863	24,829	20,054	19,353	13,574	15,801	7,868	4,641	7,868	21,550	238,744
	Total	4,791,654	4,256,140	3,801,581	3,841,829	3,776,086	3,407,190	3,300,903	2,739,720	1,986,175	1,615,562	1,263,647	2,165,510	36,945,997
Unknown	Loss of job	0	618	0	0	0	0	0	0	0	0	0	0	618
	Death of income earner	556	0	0	0	0	0	0	0	0	0	0	0	556
	Unknown	4,330	9,766	7,759	6,136	2,235	2,618	2,773	3,945	2,618	1,144	1,747	1,728	46,799
Total		4,886	10,384	7,759	6,136	2,235	2,618	2,773	3,945	2,618	1,144	1,747	1,728	47,973

Appendix C: a) Tables for the covered and non-covered. 14. Risk priority by household monthly income

Total population (private household only and 15 years old or older)		Risk							Death of income earner			
		Risk							Death of income earner			
		Sickness	Occupational injury	Loss of job	Becoming old	Disability	Funeral		Maternity			
Covered	No income	779,447	33,720	263,899	487,630	128,012	15,335		8,541			
	1-2,499	1,841,999	144,492	813,751	471,917	136,419	20,857		25,927			
Non-covered	2,500-4,999	3,065,081	295,221	1,626,477	735,569	373,396	770,468		40,863			
	5,000-7,499	2,645,312	297,540	1,533,106	498,302	269,920	596,810		28,036			
Unknown	7,500-9,999	1,543,724	186,128	943,504	244,029	165,703	374,091		19,769			
	10,000-14,999	1,978,960	206,465	1,329,016	270,444	266,944	503,191		23,708			
Total	15,000-19,999	910,783	102,258	753,978	154,817	152,460	308,710		5,484			
	20,000-29,999	860,542	84,057	623,514	155,639	146,112	272,812		5,893			
Total	30,000-39,999	544,294	54,198	313,869	88,282	95,108	165,466		4,934			
	40,000-49,999	269,615	25,411	142,891	43,586	28,069	78,420		680			
Total	Over 49,999	641,222	46,704	378,504	105,073	129,563	201,370		7,857			
	Unknown	33,406	1,267	30,440	2,517	5,051	7,390		0			
Total	15,104,385	1,477,461	8,752,949	3,257,805	1,896,757	4,206,172	150,436		209,303			
Covered	No income	117,669	5,860	24,212	89,749	19,492	1,597		231			
	1-2,499	55,993	6,369	47,193	19,250	5,514	158		1,236			
Non-covered	2,500-4,999	253,493	26,210	211,834	51,169	30,170	2,857		2,930			
	5,000-7,499	362,241	46,146	386,621	50,527	35,545	1,490		3,920			
Total	7,500-9,999	364,641	54,374	409,978	44,535	43,761	1,774		4,163			
	10,000-14,999	632,246	76,828	725,269	68,664	94,022	4,759		8,945			
Total	15,000-19,999	397,196	46,914	457,603	61,658	70,833	94,137		3,789			
	20,000-29,999	403,425	40,758	392,895	74,180	77,044	1,903		2,699			
Total	30,000-39,999	267,777	27,032	195,212	35,818	57,237	1,147		1,651			
	40,000-49,999	147,190	11,463	90,712	19,495	16,331	588		1,545			
Total	Over 49,999	311,164	18,068	234,696	54,348	67,759	5,494		244			
	Unknown	8,909	0	13,360	429	2,668	0		0			
Total	3,321,944	360,022	3,189,585	569,822	520,376	653,578	26,033		31,353			
	661,778	27,860	239,687	397,881	108,520	402,993	13,738		8,310			
Non-covered	1-2,499	1,786,006	138,123	766,558	452,667	130,905	20,699		24,691			
	2,500-4,999	2,801,588	269,011	1,414,643	684,400	343,226	38,006		56,378			
Total	5,000-7,499	2,283,071	251,394	1,145,867	447,775	234,375	26,546		46,712			
	7,500-9,999	1,179,083	131,754	533,526	199,494	121,942	4,102		15,606			
Total	10,000-14,999	1,346,714	129,637	603,747	201,780	172,922	9,862		14,763			
	15,000-19,999	513,587	55,344	296,375	93,159	81,627	1,218		3,767			
Total	20,000-29,999	457,117	43,299	230,619	81,459	69,068	3,990		1,905			
	30,000-39,999	276,517	27,166	118,657	52,464	37,871	3,787		1,940			
Total	40,000-49,999	122,425	13,948	52,179	24,091	11,738	92		253			
	Over 49,999	330,058	28,636	143,808	50,725	61,804	2,363		793			
Total	Unknown	24,497	1,267	17,080	2,088	2,383	0		2,832			
	11,782,441	1,117,439	5,562,746	2,687,983	1,376,381	3,552,038	124,403		177,950			
Unknown	No income	0	0	0	0	0	0		0			
	1-2,499	0	0	0	0	0	556		0			
Total	2,500-4,999	0	0	0	0	0	0		0			
	5,000-7,499	0	0	618	0	0	0		0			
Total	7,500-9,999	0	0	0	0	0	0		0			
	10,000-14,999	0	0	0	0	0	0		0			
Total	15,000-19,999	0	0	0	0	0	0		0			
	20,000-29,999	0	0	0	0	0	0		0			
Total	30,000-39,999	0	0	0	0	0	0		0			
	40,000-49,999	0	0	0	0	0	0		0			
Total	Over 49,999	0	0	0	0	0	0		0			
	Unknown	0	0	0	0	0	0		0			
Total	0	0	0	618	0	0	556		0			

Appendix C: a) Tables for the covered and non-covered. 14. Risk priority by household monthly income

Risk		Child care	Education	Natural disaster	Loss of livestock	Loss of harvest	Others	No effect	Unknown	Total	
Total population (private household only and 15 years old or older)	Covered										
	No income		185,454	26,118	625	68,311	37,472	110,407	22,145	2,700,984	
	1-2,499	356,539	303,527	159,528	17,596	661,500	106,775	47,581	20,183	5,587,382	
	2,500-4,999	790,309	607,509	331,134	57,288	1,110,547	205,682	124,371	45,257	10,228,480	
	5,000-7,499	682,969	473,478	223,562	34,221	593,495	202,545	216,454	60,427	8,406,809	
	7,500-9,999	332,706	242,499	97,703	13,802	219,024	116,739	176,534	47,444	4,729,275	
	10,000-14,999	402,259	279,484	77,161	23,846	175,018	152,715	240,146	67,319	6,011,297	
	15,000-19,999	186,041	152,376	22,163	2,925	52,101	64,394	128,700	54,733	3,059,479	
	20,000-29,999	183,677	149,015	25,757	5,311	40,744	73,783	169,876	36,060	2,837,396	
	30,000-39,999	98,275	111,538	12,121	3,801	19,598	44,719	76,842	32,823	1,669,459	
	40,000-49,999	36,702	38,327	5,267	1,521	15,840	24,420	70,520	20,544	792,924	
	Over 49,999	104,139	78,761	16,344	3,001	15,840	40,713	209,185	37,345	2,016,658	
	Unknown	5,276	4,314	0	0	5,624	125	9,194	91,295	198,731	
	Total	3,244,107	2,626,282	996,858	163,937	2,966,955	1,070,082	1,579,810	535,575	48,238,874	
	Non-covered	No income	14,605	11,371	4,679	342	4,160	9,580	35,068	7,353	411,628
		1-2,499	11,329	2,908	8,100		5,136	4,408	6,043	2,614	192,860
2,500-4,999		50,113	19,904	13,296	1,739	33,074	23,384	27,672	16,009	797,482	
5,000-7,499		99,606	47,162	21,932	1,171	42,284	33,177	47,429	23,887	1,248,021	
7,500-9,999		107,679	54,149	11,220	2,334	11,820	28,595	56,848	22,155	1,273,155	
10,000-14,999		174,291	86,357	6,302	6,472	16,396	52,739	113,345	38,068	2,210,093	
15,000-19,999		95,340	55,785	2,630	330	10,144	27,716	76,030	41,270	1,445,641	
20,000-29,999		106,781	68,082	8,404	2,926	10,102	34,707	110,135	25,410	1,458,928	
30,000-39,999		62,926	57,846	4,894	290	6,327	21,111	55,902	19,815	870,389	
40,000-49,999		24,709	24,291	2,564		112	13,031	43,840	17,139	442,799	
Over 49,999		49,138	32,497	6,806	820	1,614	15,298	135,916	24,641	1,010,885	
Unknown		3,151	2,335	0	0	0	58	4,511	23,298	59,809	
Total		799,668	462,687	90,827	16,424	141,169	263,804	712,739	261,659	11,421,690	
No income		50,610	174,083	21,439	283	64,151	27,892	75,339	14,439	2,289,003	
1-2,499		345,210	300,619	151,428	17,596	656,364	102,367	41,538	17,251	5,393,648	
2,500-4,999		740,196	587,605	317,838	55,549	1,077,473	182,298	96,699	28,525	9,430,275	
5,000-7,499	583,363	426,316	201,630	33,050	551,211	169,368	169,025	35,794	7,157,424		
7,500-9,999	225,027	188,350	86,483	11,468	207,204	88,144	119,686	24,520	3,455,351		
10,000-14,999	227,968	193,127	70,859	17,374	158,622	99,976	126,801	28,910	3,800,863		
15,000-19,999	90,701	96,591	19,533	2,595	41,957	36,678	52,670	13,463	1,613,838		
20,000-29,999	76,896	80,933	17,353	2,385	30,642	39,076	59,741	10,392	1,378,210		
30,000-39,999	35,349	53,692	7,227	3,511	13,271	23,608	20,940	13,008	799,070		
40,000-49,999	11,993	14,036	2,703	1,521	5,041	11,389	26,680	3,357	350,077		
Over 49,999	55,001	46,264	9,538	2,181	14,226	25,415	73,269	12,704	1,005,773		
Unknown	2,125	1,979	0	0	5,624	67	4,683	29,752	100,677		
Total	2,444,439	2,163,595	906,031	147,513	2,825,786	806,278	867,071	232,115	36,774,209		
No income	0	0	0	0	0	0	0	353	353		
1-2,499	0	0	0	0	0	0	0	318	874		
2,500-4,999	0	0	0	0	0	0	0	723	723		
5,000-7,499	0	0	0	0	0	0	0	746	1,364		
7,500-9,999	0	0	0	0	0	0	0	769	769		
10,000-14,999	0	0	0	0	0	0	0	341	341		
15,000-19,999	0	0	0	0	0	0	0	0	0		
20,000-29,999	0	0	0	0	0	0	0	258	258		
30,000-39,999	0	0	0	0	0	0	0	0	0		
40,000-49,999	0	0	0	0	0	0	0	48	48		
Over 49,999	0	0	0	0	0	0	0	0	0		
Unknown	0	0	0	0	0	0	0	38,245	38,245		
Total	0	0	0	0	0	0	0	41,801	42,975		

Appendix C: a) Tables for the covered and non-covered. 15. Risk priority and regional distribution

Risk		Sickness	Occupational injury	Loss of job	Becoming old	Disability	Death of income earner	Funeral	Maternity	Child care
Total population (15 years or older)	Covered	Bangkok	2,030,824	1,812,988	343,769	369,888	595,127	15,743	11,859	323,043
		Central	3,930,929	2,227,345	675,391	501,370	1,260,821	27,295	44,359	522,619
		North	2,529,851	1,477,038	684,442	360,955	752,864	42,166	40,470	596,113
		Northeast	4,648,287	2,451,835	1,197,857	456,424	1,315,307	61,731	92,233	1,335,384
		South	2,033,129	890,614	358,976	217,619	311,903	3,502	21,106	485,132
	Non-covered	Total	15,173,020	8,859,820	3,260,435	1,906,256	4,236,022	150,437	210,027	3,262,291
		Bangkok	813,228	75,245	1,026,600	110,158	162,872	121,693	4,480	137,269
		Central	1,160,184	151,228	1,227,243	134,317	179,250	6,815	8,118	190,100
		North	409,571	46,932	331,032	108,555	81,329	111,640	5,260	122,763
		Northeast	596,890	51,755	445,220	142,020	59,645	141,376	11,350	270,287
	Non-covered	South	376,877	45,521	221,829	77,098	45,104	668	2,867	93,954
		Total	3,356,750	370,681	3,251,924	572,148	655,719	26,034	32,075	814,373
		Bangkok	1,217,596	83,751	786,388	233,611	473,434	8,760	7,379	185,774
		Central	2,770,745	232,387	999,484	541,074	1,022,255	20,480	36,241	332,519
		North	2,120,280	202,661	1,146,006	575,887	279,626	34,611	35,210	473,350
Total population (15 years or older)	Known	Northeast	4,051,397	396,656	2,006,615	1,055,837	396,779	1,173,375	57,718	80,883
		South	1,656,252	202,609	668,785	281,878	172,515	2,834	18,239	391,178
		Total	11,816,270	1,118,064	5,607,278	2,688,287	3,579,747	124,403	177,952	2,447,918
		Bangkok	0	0	0	0	0	0	0	0
		Central	0	0	618	0	0	0	0	0
	Unknown	North	0	0	0	0	0	0	0	0
		Northeast	0	0	0	0	556	0	0	0
		South	0	0	0	0	0	0	0	0
		Total	0	0	618	0	556	0	0	0

Risk		Education	Natural disaster	Loss of livestock	Loss of harvest	Others	No effect	Unknown	Total
Total population (15 years or older)	Covered	Bangkok	274,389	13,090	6,015	7,881	468,675	160,906	6,660,426
		Central	353,146	144,925	42,733	494,761	330,734	191,691	11,377,481
		North	570,600	231,779	44,068	821,035	239,912	97,081	8,880,204
		Northeast	1,091,650	388,495	58,414	1,502,728	285,940	56,748	15,652,683
		South	386,599	218,569	12,710	143,355	392,366	41,346	6,002,702
	Non-covered	Total	2,676,384	996,858	163,940	2,969,760	1,595,251	547,772	48,573,496
		Bangkok	82,718	6,901	5,335	31,046	269,678	77,271	2,934,882
		Central	80,715	13,421	3,421	33,374	147,356	88,389	3,742,971
		North	83,977	20,551	3,533	33,624	54,197	41,450	1,508,543
		Northeast	159,844	36,418	1,596	52,520	133,000	32,025	2,197,536
	Unknown	South	61,030	13,537	2,540	21,051	48,353	23,097	1,195,594
		Total	468,284	90,828	16,425	143,974	266,024	262,232	11,579,526
		Bangkok	191,671	6,189	680	4,476	198,997	65,902	3,707,811
		Central	272,431	131,504	39,312	461,387	183,378	85,064	7,615,654
		North	486,623	211,228	40,535	787,411	88,040	53,333	7,369,363
Total population (15 years or older)	Known	Northeast	931,806	352,077	56,818	1,450,208	226,363	17,857	13,447,725
		South	325,569	205,032	10,170	122,304	272,742	16,587	4,805,446
		Total	2,208,100	906,030	147,515	2,825,786	871,396	238,743	36,945,999
		Bangkok	0	0	0	0	0	17,733	17,733
		Central	0	0	0	0	0	18,238	18,856
	Unknown	North	0	0	0	0	0	2,298	2,298
		Northeast	0	0	0	0	0	6,866	7,422
		South	0	0	0	0	0	1,662	1,662
		Total	0	0	0	0	0	46,797	47,971

Appendix C: b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Covered workers	Total																13,250	24,878
	Male																6,639	15,318
	Female																6,611	9,560
Non-covered workers	Total																172,486	223,223
	Male																106,174	138,816
	Female																66,312	84,407
Self employed	Total																7,034	13,695
	Male																4,732	8,985
	Female																2,302	4,710
Transportation workers	Total																0	1,603
	Male																0	1,603
	Female																0	0
Agriculture and fishery workers	Total																111,105	129,823
	Male																75,206	84,232
	Female																35,899	45,591
Construction workers	Total																263	6,220
	Male																263	6,220
	Female																0	0
Domestic workers	Total																755	6,339
	Male																0	0
	Female																755	6,339
Street vendors	Total																3,731	1,489
	Male																3,141	1,007
	Female																590	482
Homeworkers	Total																3,199	2,594
	Male																263	103
	Female																2,936	2,491
Low income household members	Total	122,944	150,709	153,780	149,692	161,585	193,770	179,057	209,861	220,109	215,601	230,753	208,688	234,261	210,397	199,627	214,919	158,292
	Male	65,355	74,384	70,642	72,366	92,408	92,954	91,408	103,198	111,185	115,263	122,500	94,223	112,829	101,978	99,090	110,377	79,019
	Female	57,589	76,325	83,138	77,326	69,177	100,816	87,649	106,663	108,924	100,338	108,253	114,465	121,432	108,419	100,537	104,542	79,273
The elderly	Total																	
	Male																	
	Female																	
Elderly widowers	Total																	
	Male																	
	Female																	

Appendix C. b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Covered workers	Total	45,649	75,178	116,974	192,668	188,152	270,017	333,737	367,258	418,349	416,348	360,113	354,450	307,947	409,684	291,361	306,570	310,350
	Male	22,554	37,619	58,465	89,557	99,221	129,945	155,673	170,164	193,740	199,941	187,773	173,880	148,662	191,409	149,595	167,168	154,745
	Female	23,095	37,559	58,509	103,111	88,931	140,072	178,064	197,094	224,609	216,407	172,340	180,570	159,285	218,275	141,766	139,402	155,605
Non-covered workers	Total	246,298	367,223	311,763	408,929	447,463	511,758	589,832	588,052	572,628	570,709	591,183	657,687	634,317	747,028	551,618	673,537	629,697
	Male	138,570	224,653	195,824	215,819	284,836	292,527	361,244	365,820	359,936	321,812	335,972	383,389	354,495	461,008	295,646	382,798	348,856
	Female	107,728	142,570	115,939	193,110	162,627	219,231	228,588	222,232	212,692	248,897	255,211	274,298	279,822	286,020	255,972	290,739	280,841
Self employed	Total	12,915	38,940	22,050	47,028	47,984	55,239	108,382	124,949	111,009	159,351	147,326	202,354	178,317	255,672	210,689	252,181	225,142
	Male	5,664	16,967	12,323	26,277	30,845	30,265	59,648	79,777	71,423	103,176	88,935	137,502	115,363	175,571	129,217	163,677	145,173
	Female	7,251	21,973	9,727	20,751	17,139	24,974	48,734	45,172	39,586	56,175	58,931	64,852	62,954	80,101	81,472	88,504	79,969
Transportation workers	Total	4,440	4,561	3,614	5,431	8,339	7,383	10,187	10,531	15,317	13,235	15,487	13,115	13,551	22,993	10,448	20,652	14,933
	Male	3,847	4,561	3,614	5,431	7,684	7,383	10,187	10,258	15,317	12,565	15,487	12,497	13,551	22,993	9,095	20,557	14,889
	Female	593	0	0	0	655	0	0	273	0	670	0	618	0	1,353	1,353	95	44
Agriculture and fishery workers	Total	135,340	191,690	171,342	202,324	222,337	274,568	328,433	301,953	271,783	296,741	296,103	333,356	353,750	393,681	282,148	344,470	312,746
	Male	82,124	126,080	111,411	117,418	150,199	166,050	220,391	185,079	179,189	172,057	164,024	190,590	199,936	239,545	154,319	201,378	172,744
	Female	53,216	65,610	59,931	84,906	72,138	108,518	108,042	116,874	92,594	124,684	132,079	142,766	153,814	154,136	127,829	143,092	140,002
Construction workers	Total	2,010	7,105	8,371	7,934	16,459	15,911	14,195	22,735	17,685	19,322	19,911	18,540	17,966	32,342	21,027	22,384	30,469
	Male	2,010	7,008	7,765	6,396	16,459	15,911	14,062	21,175	15,765	17,517	17,853	17,793	17,339	30,158	19,451	20,554	30,277
	Female	0	97	606	1,538	0	0	133	1,560	1,920	1,805	2,058	747	627	2,184	1,576	1,830	192
Domestic workers	Total	3,652	2,501	3,414	9,373	2,351	3,726	1,549	2,984	4,131	1,944	2,771	4,001	5,134	5,431	6,844	7,186	4,427
	Male	0	0	0	0	0	0	0	0	294	0	0	643	0	0	327	0	0
	Female	3,652	2,501	3,414	9,373	2,351	3,726	1,549	2,984	3,837	1,944	2,771	3,358	5,134	5,431	6,517	7,186	4,427
Street vendors	Total	4,843	7,919	6,868	11,399	9,099	8,477	9,742	18,123	21,394	18,393	22,642	16,100	17,407	24,386	13,371	26,265	22,374
	Male	2,944	5,937	3,968	7,369	4,633	4,379	7,802	12,501	14,511	7,890	11,229	13,585	7,754	14,005	5,134	13,851	11,681
	Female	1,899	1,982	2,900	4,030	4,466	4,098	1,940	5,622	6,883	10,503	11,413	2,515	9,653	10,381	8,237	12,414	10,693
Homeworkers	Total	3,298	5,295	9,236	11,098	14,421	9,423	19,602	16,754	21,575	19,467	16,612	14,773	30,614	21,681	19,964	23,945	21,670
	Male	1,354	2,845	1,543	1,116	2,189	4,016	3,218	8,617	6,099	5,396	8,777	3,473	7,818	8,577	2,384	5,683	6,061
	Female	1,944	2,450	7,693	9,982	12,232	5,407	16,384	8,137	15,476	14,071	7,835	11,300	22,796	13,104	17,580	18,262	15,609
Low income household members	Total	190,139	219,658	140,633	173,273	149,242	138,666	166,087	135,767	141,153	140,681	122,714	116,301	136,284	156,089	122,799	124,538	132,173
	Male	81,617	103,990	69,608	88,892	86,597	68,846	101,291	65,879	74,511	70,810	56,254	60,917	68,287	89,234	58,185	64,744	59,594
	Female	108,522	115,668	71,025	84,381	62,645	69,820	64,796	69,888	66,642	69,871	66,460	55,384	67,997	66,855	64,614	59,794	72,579
The elderly	Total																	
	Male																	
	Female																	
Elderly widowers	Total																	
	Male																	
	Female																	

Appendix C. b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Covered workers	Total	267,537	275,964	282,901	215,531	245,587	231,421	258,149	213,126	230,466	232,110	156,388	200,546	213,684	150,903	167,208	143,719	148,725
	Male	151,802	138,936	147,479	121,404	124,744	127,447	136,832	123,778	128,564	115,797	80,248	106,892	123,348	81,490	101,550	81,953	81,920
	Female	115,735	137,028	135,422	94,127	120,843	103,974	121,317	89,348	101,902	116,313	76,140	93,654	90,336	69,413	65,658	61,766	66,805
Non-covered workers	Total	635,610	723,277	697,437	590,596	706,711	606,117	755,090	500,178	669,513	605,661	451,697	604,321	661,155	486,617	612,163	466,685	556,920
	Male	349,643	392,850	383,256	324,695	362,130	334,931	398,940	263,020	366,872	309,382	241,265	319,744	353,941	276,137	315,904	249,245	294,351
	Female	285,967	330,427	314,181	265,901	344,581	271,186	356,150	237,158	302,641	296,279	210,432	284,577	307,214	210,480	296,259	217,440	262,569
Self employed	Total	255,202	292,991	278,366	251,402	307,398	273,396	351,003	240,858	322,215	288,556	217,253	295,795	327,216	248,156	304,655	232,592	289,723
	Male	169,869	185,089	181,885	159,149	196,221	189,809	221,135	152,423	222,015	182,137	146,964	191,316	217,541	178,830	198,532	158,371	196,746
	Female	85,333	107,902	96,481	92,253	111,177	83,587	129,868	88,435	100,200	106,419	70,289	104,479	109,675	69,326	106,123	74,221	92,977
Transportation workers	Total	16,622	18,989	22,033	17,457	16,009	20,640	20,276	13,424	18,871	12,530	9,494	13,808	20,166	11,564	15,874	11,100	9,737
	Male	16,340	17,790	21,880	15,636	15,975	19,404	20,083	11,620	17,233	12,157	9,475	13,808	19,977	11,564	15,063	10,065	9,612
	Female	282	1,199	153	1,821	34	1,236	193	1,804	1,638	373	19	0	189	0	811	1,035	125
Agriculture and fishery workers	Total	338,023	373,199	366,027	303,906	341,273	299,156	375,934	281,971	366,356	321,264	244,163	317,623	350,587	275,287	349,233	266,206	313,080
	Male	187,071	207,967	204,315	168,244	169,569	153,613	191,502	146,118	194,947	159,391	124,013	167,389	181,902	152,161	179,232	139,141	168,429
	Female	150,952	165,232	161,712	135,662	171,704	145,543	184,432	135,853	171,409	161,873	120,150	150,234	168,685	123,126	170,001	127,065	144,651
Construction workers	Total	21,728	26,467	24,648	21,949	29,311	24,121	32,157	18,369	28,041	21,285	20,638	23,301	20,994	25,145	22,747	15,005	18,593
	Male	21,403	24,343	20,143	18,149	26,001	22,006	30,720	16,354	26,718	19,620	18,910	22,192	18,431	24,539	22,210	14,182	16,299
	Female	325	2,124	4,505	3,800	3,310	2,115	1,437	2,015	1,323	1,665	1,728	1,109	2,563	606	537	823	2,294
Domestic workers	Total	5,008	4,707	3,892	2,378	7,537	2,274	3,907	1,185	4,714	1,907	1,807	9,475	4,130	3,276	5,210	2,471	5,408
	Male	95	0	114	0	0	0	0	0	0	0	0	1,839	0	815	114	0	0
	Female	4,913	4,707	3,778	2,378	7,537	2,274	3,907	1,185	4,714	1,907	1,807	7,636	4,130	2,461	5,096	2,471	5,408
Street vendors	Total	21,368	32,961	20,725	19,887	25,302	27,022	31,064	13,843	18,079	24,290	16,313	14,011	22,096	18,019	14,232	18,134	13,312
	Male	9,539	16,982	10,566	11,948	13,005	13,387	15,973	7,798	9,553	11,547	11,206	7,536	10,219	12,507	5,772	13,542	5,958
	Female	11,829	15,979	10,159	7,939	12,297	13,635	15,091	6,045	8,526	12,743	5,107	6,475	11,877	5,512	8,460	4,592	7,354
Homeworkers	Total	24,108	26,890	21,959	22,323	20,926	22,216	23,206	14,293	21,486	22,257	10,961	15,435	14,639	9,728	11,651	14,470	12,201
	Male	3,177	8,244	6,705	9,669	6,827	5,890	7,107	4,003	7,307	5,867	1,312	2,314	2,752	3,780	3,157	5,247	3,282
	Female	20,931	18,646	15,254	12,654	14,099	16,326	16,099	10,290	14,179	16,390	9,649	13,121	11,887	5,948	8,494	9,223	8,919
Low income household members	Total	144,398	151,258	134,602	106,709	133,784	111,002	138,579	114,631	138,446	125,131	90,941	132,434	121,752	92,595	125,012	103,497	125,362
	Male	71,857	73,444	68,769	53,599	61,037	52,715	64,052	55,349	66,817	54,342	42,386	70,551	64,016	43,307	54,114	35,042	52,543
	Female	72,541	77,814	65,833	53,110	72,747	58,287	74,527	59,282	71,629	70,789	48,555	61,883	57,736	49,288	70,898	68,455	72,819
The elderly	Total																	
	Male																	
	Female																	
Elderly widow/ers	Total																	
	Male																	
	Female																	

Appendix C. b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Covered workers	Total	117,618	121,620	128,243	99,150	102,784	108,347	69,720	75,254	54,808	47,595	24,184	30,504	26,333	24,044	24,919	23,481	24,231
	Male	66,144	73,900	71,022	64,120	62,011	62,612	43,239	50,667	35,198	26,829	13,628	17,446	14,513	15,849	13,192	14,909	16,807
	Female	51,474	47,720	57,221	35,030	40,773	45,735	26,481	24,587	19,610	20,766	10,556	13,058	11,820	8,195	11,727	8,572	7,424
Non-covered workers	Total	385,779	468,746	443,455	356,272	354,914	378,257	261,631	289,446	211,599	259,508	175,456	196,394	190,560	153,217	167,961	124,938	117,369
	Male	209,561	260,931	233,699	197,348	194,285	205,077	156,406	161,913	120,310	142,967	95,471	121,160	118,542	96,979	103,732	72,611	69,246
	Female	176,218	207,815	209,756	158,924	160,629	173,180	105,225	127,533	91,289	116,541	79,985	75,234	72,018	56,238	64,229	52,327	48,123
Self employed	Total	220,547	262,576	238,306	189,488	195,480	224,542	154,019	161,007	130,807	160,063	103,198	125,544	118,367	100,378	107,349	77,700	78,879
	Male	142,194	178,128	153,268	129,551	138,212	149,711	112,913	113,509	89,493	104,941	72,059	93,326	90,674	78,361	79,866	54,723	54,882
	Female	78,353	84,448	85,038	59,937	57,268	74,831	41,106	47,498	41,314	55,122	31,139	32,218	27,693	22,017	27,483	22,977	23,997
Transportation workers	Total	5,907	13,321	5,912	5,072	6,845	4,465	1,826	4,175	1,765	3,028	1,369	3,222	605	1,105	2,108	440	1,915
	Male	5,162	13,321	5,912	5,072	6,845	4,465	1,694	4,175	1,765	2,964	1,369	3,222	605	1,105	2,108	440	1,915
	Female	745	0	0	0	0	0	132	0	0	64	0	0	0	0	0	0	0
Agriculture and fishery workers	Total	237,354	263,082	258,578	209,356	221,718	238,763	168,620	194,984	124,931	169,984	112,523	136,041	134,594	100,236	114,273	83,784	78,300
	Male	133,791	148,889	139,009	113,665	123,351	128,763	102,309	105,854	73,979	98,801	67,901	84,664	88,079	67,470	73,485	54,513	48,934
	Female	103,563	114,193	119,569	95,691	98,367	110,000	66,311	89,130	50,952	71,183	44,622	51,377	46,515	32,766	40,788	29,271	29,366
Construction workers	Total	8,355	15,393	12,931	12,810	11,268	5,470	7,889	7,682	3,608	6,010	1,529	2,534	465	1,022	1,548	1,786	1,294
	Male	8,355	15,085	12,267	11,888	10,904	5,042	7,889	7,650	3,456	5,197	1,331	2,393	465	1,022	1,548	1,647	1,294
	Female	308	308	664	922	364	428	0	32	152	813	198	141	0	0	0	139	0
Domestic workers	Total	3,292	2,448	3,565	3,571	1,829	102	642	315	112	122	1,949	228	52	1,316	677	496	488
	Male	0	98	0	592	0	0	0	0	0	0	0	0	0	0	0	0	0
	Female	3,292	2,350	3,565	2,979	1,829	102	642	315	112	122	1,949	228	52	1,316	677	496	488
Street vendors	Total	11,306	11,219	8,653	6,726	6,562	6,635	4,462	7,191	4,731	3,980	2,767	2,410	2,208	5,914	1,714	1,900	3,573
	Male	4,866	7,108	6,121	4,306	1,989	3,033	2,457	3,778	2,524	2,270	1,197	1,503	2,005	3,193	1,121	806	2,410
	Female	6,440	4,111	2,532	2,420	4,573	3,602	2,005	3,413	2,207	1,710	1,570	907	203	2,721	593	1,094	1,163
Homeworkers	Total	9,537	9,992	12,209	7,726	9,770	6,856	4,124	2,779	1,919	4,667	5,788	3,018	1,191	1,537	7,332	5,683	901
	Male	1,876	2,793	3,880	2,556	3,105	387	773	1,007	678	638	1,416	1,445	807	381	4,412	2,311	514
	Female	7,661	7,199	8,329	5,170	6,665	6,469	3,351	1,772	1,241	4,029	4,372	1,573	384	1,156	2,920	3,372	387
Low income household members	Total	104,926	110,210	120,213	112,437	110,311	118,832	89,403	101,369	75,942	115,811	77,542	94,476	110,848	100,360	110,274	83,873	104,126
	Male	51,049	51,381	39,575	48,501	49,986	43,740	41,566	38,327	33,947	44,378	33,972	44,504	53,345	41,191	49,044	37,751	46,508
	Female	53,877	58,829	80,638	63,936	60,325	75,092	47,837	63,042	41,995	71,433	43,570	49,972	57,503	59,169	61,230	46,122	57,618
The elderly	Total					454,674	501,793	343,973	394,886	290,849	404,723	276,181	309,852	325,097	299,708	336,907	256,685	274,108
	Male					208,972	234,607	171,676	186,463	139,727	181,097	123,549	156,203	168,097	141,295	156,341	119,370	119,181
	Female					245,702	267,186	172,297	208,423	151,122	223,626	152,632	153,649	157,000	158,413	180,566	137,315	154,927
Elderly widow/ers	Total					47,975	63,172	42,727	55,877	51,076	82,190	57,463	65,593	73,308	71,249	93,982	74,853	88,060
	Male					6,098	6,068	7,478	9,010	9,061	10,793	12,919	11,464	18,834	14,075	18,188	13,490	12,811
	Female					41,877	57,104	35,249	46,867	42,015	71,397	44,544	54,129	54,474	57,174	75,794	61,363	75,249

Appendix C. b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
Covered workers	Total	15,764	12,605	11,928	12,819	13,018	11,572	7,105	6,658	4,560	3,626	3,368	963	2,762	977	698	723	402	436
	Male	9,877	9,293	7,736	7,528	8,025	6,368	4,593	3,249	3,593	2,354	2,666	535	2,076	564	366	82	98	436
	Female	5,887	3,312	4,192	5,291	4,993	5,204	2,512	3,409	967	1,272	702	418	686	413	332	641	304	0
Non-covered workers	Total	85,961	66,700	77,493	40,328	46,050	53,989	27,757	39,278	24,046	11,492	15,358	4,940	7,187	4,068	2,686	2,888	2,995	3,391
	Male	51,184	42,134	49,627	23,295	29,395	33,560	19,769	27,771	16,385	6,838	9,957	3,406	3,438	3,439	2,524	1,866	1,654	841
	Female	34,777	24,566	27,866	17,033	16,655	20,429	7,988	11,507	7,661	4,654	5,401	1,534	3,749	629	162	1,022	1,341	2,550
Self employed	Total	58,331	41,683	53,497	29,573	33,976	33,584	19,155	30,597	16,135	6,596	10,627	2,844	5,133	1,725	2,163	2,163	1,641	2,311
	Male	39,334	31,941	39,886	18,816	23,263	24,978	14,706	24,418	11,695	4,338	7,409	2,609	2,437	1,662	2,001	1,767	1,159	771
	Female	18,997	9,742	13,611	10,757	10,713	8,606	4,449	6,179	4,440	2,258	3,218	235	2,696	63	162	396	482	1,540
Transportation workers	Total	1,063	59	170	54	154	54	0	0	31	0	0	0	0	0	0	0	0	0
	Male	1,063	59	170	54	154	54	0	0	31	0	0	0	0	0	0	0	0	0
	Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture and fishery workers	Total	57,919	45,051	52,901	28,666	25,478	33,474	16,846	25,179	14,390	6,731	7,257	3,215	4,755	1,142	620	2,273	1,268	1,660
	Male	37,076	29,038	35,713	18,043	18,816	22,162	13,629	18,519	10,578	4,068	5,620	2,119	2,698	1,079	620	1,251	873	248
	Female	20,843	16,013	17,188	10,623	6,662	11,312	3,217	6,660	3,812	2,663	1,637	1,096	2,057	63	0	1,022	395	1,412
Construction workers	Total	189	175	1,356	55	0	142	0	68	1,193	0	0	0	0	0	0	0	0	0
	Male	189	175	1,293	55	0	142	0	68	1,193	0	0	0	0	0	0	0	0	0
	Female	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Domestic workers	Total	997	0	438	0	0	0	408	0	0	0	0	0	0	0	0	0	0	90
	Male	0	0	0	0	0	0	408	0	0	0	0	0	0	0	0	0	0	0
	Female	997	0	438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90
Street vendors	Total	367	1,509	1,637	330	385	103	996	1,886	605	633	273	0	64	64	0	0	0	0
	Male	288	1,423	1,330	0	84	45	45	1,427	531	140	27	0	0	64	0	0	0	0
	Female	79	86	307	330	301	103	951	459	74	493	246	0	64	0	0	0	0	0
Homeworkers	Total	1,395	2,211	1,554	698	173	3,330	332	422	197	78	339	0	979	331	0	0	0	0
	Male	31	366	891	0	0	76	171	97	50	0	0	0	0	198	0	0	0	0
	Female	1,364	1,845	663	698	173	3,254	161	325	147	78	339	0	979	133	0	0	0	0
Low income household members	Total	85,825	64,066	107,462	54,605	78,007	77,859	57,371	71,153	51,018	39,845	49,001	25,553	43,701	18,474	16,451	18,729	21,167	19,803
	Male	36,174	28,452	41,477	22,525	33,977	31,817	25,731	33,292	26,026	15,805	19,033	9,083	21,948	8,704	8,642	10,930	6,572	6,314
	Female	49,651	35,614	65,985	32,080	44,030	46,042	31,640	37,861	24,992	24,040	29,968	16,470	21,753	9,770	7,809	7,799	14,595	13,489
The elderly	Total	231,755	164,191	272,891	149,521	206,997	201,079	156,290	178,740	149,285	95,144	124,320	63,299	102,555	52,018	56,955	57,089	56,697	51,217
	Male	101,397	80,200	125,579	62,407	88,926	87,905	70,642	79,480	64,988	41,064	55,916	24,572	40,614	25,334	25,070	24,803	16,331	17,126
	Female	130,358	83,991	147,312	87,114	118,071	113,174	85,648	99,260	84,297	54,080	68,404	38,727	61,941	26,684	31,885	32,286	40,366	34,091
Elderly widow/ers	Total	71,286	48,987	113,885	58,806	85,754	81,911	72,070	82,955	76,894	49,089	71,563	35,702	63,881	30,348	36,629	37,749	41,197	36,499
	Male	13,483	10,875	28,655	11,227	15,420	20,381	19,961	15,819	19,681	11,273	20,265	7,180	17,284	9,263	9,533	8,751	7,532	7,062
	Female	57,803	38,112	85,230	47,579	70,334	61,530	52,109	67,136	57,213	37,816	51,298	28,522	46,597	21,085	27,096	28,998	33,665	29,437

Appendix C. b) Tables for the non-covered specific groups 1. Age and sex distribution

	Age		86	87	88	89	90	91	92	93	94	95	96	97	98	Total
Covered workers	Total		554	286	439	0	384	0	274	57	0	554	0	0	0	9,652,255
	Male		554	286	439	0	384	0	274	0	0	0	0	0	0	5,059,714
	Female		0	0	0	0	0	0	0	57	0	554	0	0	0	4,592,541
Non-covered workers	Total		1,764	1,721	686	388	0	60	636	299	81	50	0	0	340	24,883,313
	Male		424	1,028	686	388	0	60	0	55	41	0	0	0	278	13,994,782
	Female		1,340	693	0	0	0	0	636	244	40	50	0	0	62	10,888,531
Self employed	Total		442	968	328	388	0	0	0	0	41	0	0	0	0	9,999,185
	Male		424	877	328	388	0	0	0	0	41	0	0	0	0	6,644,611
	Female		18	91	0	0	0	0	0	0	0	0	0	0	0	3,354,574
Transportation workers	Total		0	0	0	0	0	0	0	0	0	0	0	0	0	529,079
	Male		0	0	0	0	0	0	0	0	0	0	0	0	0	512,925
	Female		0	0	0	0	0	0	0	0	0	0	0	0	0	16,154
Agriculture and fishery workers	Total		83	1,028	282	0	0	0	301	55	0	50	0	0	278	13,615,004
	Male		83	1,028	282	0	0	0	0	55	0	0	0	0	278	7,764,309
	Female		0	0	0	0	0	0	301	0	0	50	0	0	0	5,850,695
Construction workers	Total		0	0	0	0	0	0	0	0	0	0	0	0	0	800,120
	Male		0	0	0	0	0	0	0	0	0	0	0	0	0	746,744
	Female		0	0	0	0	0	0	0	0	0	0	0	0	0	53,376
Domestic workers	Total		0	0	0	0	0	0	0	0	0	0	0	0	0	170,916
	Male		0	0	0	0	0	0	0	0	0	0	0	0	0	5,339
	Female		0	0	0	0	0	0	0	0	0	0	0	0	0	165,577
Street vendors	Total		0	0	0	0	0	0	0	0	41	0	0	0	0	715,524
	Male		0	0	0	0	0	0	0	0	41	0	0	0	0	396,446
	Female		0	0	0	0	0	0	0	0	0	0	0	0	0	319,078
Homeworkers	Total		0	0	0	0	0	0	0	0	0	0	0	0	0	701,038
	Male		0	0	0	0	0	0	0	0	0	0	0	0	0	197,031
	Female		0	0	0	0	0	0	0	0	0	0	0	0	0	504,007
Low income household members	Total		17,046	8,449	10,652	5,809	7,094	2,876	4,689	4,008	1,671	2,991	1,895	1,347	3,536	10,523,481
	Male		6,527	2,118	4,293	931	2,290	349	103	2,369	196	1,092	1,239	535	1,756	5,021,440
	Female		10,519	6,331	6,359	4,878	4,804	2,527	4,586	1,639	1,475	1,899	656	812	1,780	5,502,041
The elderly	Total		35,788	27,028	25,521	19,390	17,753	8,663	10,646	13,645	5,344	5,830	6,938	4,937	9,930	7,030,892
	Male		13,034	9,196	9,632	5,674	6,182	3,027	1,872	6,068	2,552	2,393	1,685	755	4,855	3,205,857
	Female		22,754	17,832	15,889	13,716	11,571	5,636	8,774	7,577	2,792	3,437	5,253	4,182	5,075	3,825,035
Elderly widow/ers	Total		26,246	21,703	18,995	14,772	14,243	7,733	9,233	12,102	3,934	4,577	6,193	4,752	7,509	2,114,722
	Male		5,758	5,167	4,822	2,567	3,603	2,097	1,363	5,429	1,657	1,487	968	722	2,669	442,243
	Female		20,488	16,536	14,173	12,205	10,640	5,636	7,870	6,673	2,277	3,090	5,225	4,030	4,840	1,672,479

Appendix C: b) Tables for the non-covered specific groups. 2. Regional distribution

		Bangkok	Central	North	Northeast	South	Total
Covered workers	Total	2,528,977	3,224,409	1,176,090	1,741,915	980,865	9,652,256
	Male	1,311,261	1,676,380	619,344	940,557	512,177	5,059,719
	Female	1,217,716	1,548,029	556,746	801,358	468,688	4,592,537
Non-covered workers	Total	1,944,263	4,890,150	5,169,948	9,423,206	3,455,744	24,883,311
	Male	1,032,252	2,737,288	2,899,781	5,393,763	1,931,693	13,994,777
	Female	912,011	2,152,862	2,270,167	4,029,443	1,524,051	10,888,534
Self employed	Total	741,330	1,933,055	1,965,024	3,988,188	1,371,590	9,999,187
	Male	431,957	1,215,846	1,359,127	2,767,428	870,254	6,644,612
	Female	309,373	717,209	605,897	1,220,760	501,336	3,354,575
Transportation workers	Total	180,850	157,863	49,020	85,701	55,646	529,080
	Male	174,176	153,434	46,468	84,531	54,319	512,928
	Female	6,674	4,429	2,552	1,170	1,327	16,152
Agriculture and fishery workers	Total	38,396	2,072,342	3,082,193	6,469,329	1,952,746	13,615,006
	Male	25,274	1,196,445	1,746,334	3,676,230	1,120,027	7,764,310
	Female	13,122	875,897	1,335,859	2,793,099	832,719	5,850,696
Construction workers	Total	62,292	193,824	184,017	257,223	102,763	800,119
	Male	57,345	178,341	166,912	243,901	100,245	746,744
	Female	4,947	15,483	17,105	13,322	2,518	53,375
Domestic workers	Total	88,118	23,512	18,358	33,585	7,341	170,914
	Male	1,378	1,492	323	2,036	110	5,339
	Female	86,740	22,020	18,035	31,549	7,231	165,575
Street vendors	Total	128,909	184,127	87,653	254,228	60,602	715,519
	Male	63,297	100,310	44,319	159,099	29,422	396,447
	Female	65,612	83,817	43,334	95,129	31,180	319,072
Home workers	Total	81,493	152,486	147,020	242,684	77,356	701,039
	Male	35,622	48,537	39,901	62,296	10,674	197,030
	Female	45,871	103,949	107,119	180,388	66,682	504,009
Low income household members	Total	276,912	1,078,544	2,164,301	6,337,948	665,778	10,523,483
	Male	119,277	470,350	1,027,854	3,093,991	309,973	5,021,445
	Female	157,635	608,194	1,136,447	3,243,957	355,805	5,502,038
The elderly	Total	601,029	1,668,401	1,476,008	2,454,768	830,688	7,030,894
	Male	258,328	739,992	692,242	1,129,299	385,997	3,205,858
	Female	342,701	928,409	783,766	1,325,469	444,691	3,825,036
Elderly widow/ers	Total	191,348	520,398	448,756	739,176	215,038	2,114,716
	Male	32,564	110,755	116,831	146,608	35,483	442,241
	Female	158,784	409,643	331,925	592,568	179,555	1,672,475

Appendix C: b) Tables for the non-covered specific groups. 3. Marital status

Marital status		Single	Married	Widowed	Divorced	Separated	Unknown	Total
Covered workers	Total	2,722,546	6,405,346	222,525	123,906	177,097	844	9,652,264
	Male	1,162,239	2,868,283	27,847	31,369	40,881	0	4,130,619
	Female	1,240,241	2,046,462	107,255	75,108	105,859	844	3,575,769
Non-covered workers	Total	4,846,526	18,237,101	1,026,526	344,710	426,965	1,486	24,883,314
	Male	3,240,443	10,222,916	212,457	149,498	169,466	0	13,994,780
	Female	1,606,083	8,014,185	814,069	195,212	257,499	1,486	10,888,534
Self employed	Total	966,709	8,038,788	664,005	148,949	180,291	445	9,999,187
	Male	557,657	5,819,263	144,084	53,010	70,597	0	6,644,611
	Female	409,052	2,219,525	519,921	95,939	109,694	445	3,354,576
Transportation workers	Total	84,945	413,593	7,250	11,689	11,602	0	529,079
	Male	81,220	404,795	6,135	9,848	10,930	0	512,928
	Female	3,725	8,798	1,115	1,841	672	0	16,151
Agriculture and fishery workers	Total	2,319,043	10,442,796	545,642	137,820	169,307	399	13,615,007
	Male	1,737,666	5,742,265	132,211	71,784	80,384	0	7,764,310
	Female	581,377	4,700,531	413,431	66,036	88,923	399	5,850,697
Construction workers	Total	146,881	613,317	12,576	13,022	14,322	0	800,118
	Male	142,933	567,043	10,356	12,849	13,562	0	746,743
	Female	3,948	46,274	2,220	173	760	0	53,375
Domestic workers	Total	68,890	68,218	14,182	2,785	16,743	96	170,914
	Male	921	4,417	0	0	0	0	5,338
	Female	67,969	63,801	14,182	2,785	16,743	96	165,576
Street vendors	Total	91,213	574,216	23,649	10,533	15,910	0	715,521
	Male	64,666	321,004	4,487	3,301	2,990	0	396,448
	Female	26,547	253,212	19,162	7,232	12,920	0	319,073
Home workers	Total	122,861	513,948	39,782	10,332	14,117	0	701,040
	Male	40,729	149,770	2,542	1,266	2,723	0	197,030
	Female	82,132	364,178	37,240	9,066	11,394	0	504,010
Low income household members*	Total	1,966,816	4,494,500	953,815	115,408	152,014	95	7,682,648
	Male	1,129,453	2,180,088	192,535	40,047	59,539	0	3,601,662
	Female	837,363	2,314,412	761,280	75,361	92,475	95	4,080,986
The elderly	Total	211,938	4,527,716	2,114,717	67,895	107,627	999	7,030,892
	Male	54,398	2,650,210	442,241	19,829	38,591	589	3,205,858
	Female	157,540	1,877,506	1,672,476	48,066	69,036	410	3,825,034
Elderly widow/ers	Total			2,114,717				2,114,717
	Male			442,241				442,241
	Female			1,672,476				1,672,476

* Those who are less than 15 years are excluded.

Appendix C: b) Tables for the non-covered specific groups . 4. Level of education

		None	Less than elementary	Elementary	Lower secondary	Upper sec. general	Upper sec. Vocational	Upper sec. teacher	Diploma academic	Diploma higher technical	Diploma teacher training	University academic	University higher technical	University teacher training	Other	Unknown	Total
Covered workers	Total	55,883	1,621,466	1,403,105	1,515,708	1,117,687	637,326	11,470	25,541	749,102	54,264	1,617,204	144,491	656,733	1,972	40,307	9,652,259
	Male	17,673	805,137	763,418	886,623	572,858	421,758	5,841	10,570	423,357	33,425	766,624	50,758	272,178	1,350	28,144	5,059,714
	Female	38,210	816,329	639,687	629,085	544,829	215,568	5,629	14,971	325,745	20,839	850,580	93,733	384,555	622	12,163	4,592,545
Non-covered workers	Total	1,108,691	11,182,852	6,333,894	3,231,683	1,469,349	459,531	3,681	24,092	431,778	20,985	476,190	16,616	62,725	6,282	54,960	24,883,309
	Male	447,197	5,961,981	3,697,787	2,054,653	921,038	287,943	1,948	13,030	269,260	12,803	255,617	8,273	30,538	2,623	30,877	13,994,778
	Female	661,494	5,220,871	2,636,107	1,177,030	548,311	171,588	1,733	11,062	162,518	8,182	220,573	8,343	32,187	3,659	24,083	10,888,531
Self employed	Total	447,456	5,653,576	1,893,713	1,013,535	449,403	166,508	3,348	11,992	149,102	12,030	149,488	5,549	21,252	3,217	19,014	9,999,183
	Male	230,273	3,793,348	1,257,028	704,446	305,532	114,201	1,813	7,731	103,575	6,808	91,890	4,170	12,164	727	10,904	6,644,610
	Female	217,183	1,860,228	636,685	309,089	143,871	52,307	1,535	4,261	45,527	5,222	57,598	1,379	9,088	2,490	8,110	3,354,573
Transportation workers	Total	5,354	204,005	146,984	89,458	42,397	18,181	47	0	13,346	1,987	3,755	0	0	0	3,567	529,081
	Male	4,835	196,598	145,729	85,938	41,912	17,212	47	0	13,034	888	3,169	0	0	0	3,567	512,929
	Female	519	7,407	1,255	3,520	485	969	0	0	312	1,099	586	0	0	0	0	16,152
Agriculture and fishery workers	Total	710,417	6,933,307	3,704,386	1,445,766	560,824	107,773	1,086	5,289	90,855	4,905	33,424	1,110	9,374	253	6,240	13,615,009
	Male	314,009	3,755,629	2,166,670	961,593	388,474	72,007	1,017	3,160	67,808	3,280	20,736	1,081	4,561	189	4,098	7,764,312
	Female	396,408	3,177,678	1,537,716	484,173	172,350	35,766	69	2,129	23,047	1,625	12,688	29	4,813	64	2,142	5,850,697
Construction workers	Total	23,801	398,312	234,569	86,464	31,601	13,032	0	100	7,132	77	2,892	369	1,174	567	28	800,118
	Male	20,484	362,537	224,336	83,314	30,847	12,962	0	100	7,132	0	2,892	369	1,174	567	28	746,742
	Female	3,317	35,775	10,233	3,150	754	70	0	0	0	77	0	0	0	0	0	53,376
Domestic workers	Total	13,641	74,643	52,657	19,019	6,018	880	0	0	0	0	655	0	0	108	3,293	170,914
	Male	392	3,084	327	880	655	0	0	0	0	0	0	0	0	0	0	5,338
	Female	13,249	71,559	52,330	18,139	5,363	880	0	0	0	0	655	0	0	108	3,293	165,576
Street vendors	Total	25,813	311,540	206,782	84,831	47,286	20,079	0	253	7,028	655	7,001	0	2,052	248	1,954	715,522
	Male	11,110	167,180	114,826	51,513	30,315	13,338	0	82	3,219	161	2,681	0	1,253	248	522	396,448
	Female	14,703	144,360	91,956	33,318	16,971	6,741	0	171	3,809	494	4,320	0	799	0	1,432	319,074
Home workers	Total	21,858	305,991	214,247	85,496	42,310	10,384	0	132	10,743	131	7,065	406	1,895	98	282	701,038
	Male	3,337	78,729	57,279	28,302	13,281	6,105	0	132	6,557	0	1,627	274	1,214	98	95	197,030
	Female	18,521	227,262	156,968	57,194	29,029	4,279	0	0	4,186	131	5,438	132	681	0	187	504,008
Low income household members*	Total	781,796	3,657,427	1,671,291	934,170	412,650	98,301	1,399	2,503	38,699	2,550	62,137	1,476	9,300	367	8,582	7,682,648
	Male	257,887	1,672,482	860,430	462,585	219,664	55,291	804	2,121	26,836	2,124	31,138	821	2,837	112	6,529	3,601,661
	Female	523,909	1,984,945	810,861	471,585	192,986	43,010	595	382	11,863	426	30,999	655	6,463	255	2,053	4,080,987
The elderly	Total	1,298,187	5,320,194	118,788	155,510	36,324	19,019	1,517	481	8,412	4,839	35,351	578	5,351	1,206	25,136	7,030,893
	Male	366,847	2,559,597	79,488	107,217	25,767	12,344	953	481	6,034	3,156	26,765	164	2,728	776	13,542	3,205,859
	Female	931,340	2,760,597	39,300	48,293	10,557	6,675	564	0	2,378	1,683	8,586	414	2,623	430	11,594	3,825,034
Elderly widowers	Total	629,543	1,416,885	21,561	21,725	5,988	2,812	477	0	1,343	1,514	4,021	0	1,237	198	7,415	2,114,719
	Male	84,905	334,996	8,149	6,708	2,843	158	0	0	907	0	1,409	0	482	0	1,685	442,242
	Female	544,638	1,081,889	13,412	15,017	3,145	2,654	477	0	436	1,514	2,612	0	755	198	5,730	1,672,477

* Those who are less than 15 years are excluded.

Appendix C: b) Tables for the non-covered specific groups. 5. Social security coverage ratio

Target		Covered	Non-covered	Total	Rate of non-covered (%)
Self employed	Total	753,670	9,999,186	10,752,856	93.0
	Male	382,153	6,644,611	7,026,764	94.6
	Female	371,517	3,354,575	3,726,092	90.0
Transportation workers	Total	287,586	529,080	816,666	64.8
	Male	283,806	512,928	796,734	64.4
	Female	3,780	16,152	19,932	81.0
Agriculture and fishery workers	Total	627,758	24,883,313	25,511,071	97.5
	Male	362,085	13,994,782	14,356,867	97.5
	Female	265,673	10,888,531	11,154,204	97.6
Construction workers	Total	122,337	800,119	922,456	86.7
	Male	111,935	746,744	858,679	87.0
	Female	10,402	53,375	63,777	83.7
Domestic workers	Total	19,647	170,915	190,562	89.7
	Male	3,163	5,339	8,502	62.8
	Female	16,484	165,576	182,060	90.9
Street vendors	Total	37,805	715,520	753,325	95.0
	Male	14,010	396,447	410,457	96.6
	Female	23,795	319,073	342,868	93.1
Homeworkers	Total	70,861	701,039	771,900	90.8
	Male	20,598	197,030	217,628	90.5
	Female	50,263	504,009	554,272	90.9
Low income household members*	Total	681,922	10,523,484	11,205,406	93.9
	Male	316,949	5,021,445	5,338,394	94.1
	Female	364,973	5,502,039	5,867,012	93.8
The elderly (workers)	Total	1,731,798	7,030,893	8,769,928	80.2
	Male	870,328	3,205,858	4,078,829	78.6
	Female	861,470	3,825,035	4,691,099	81.5
Elderly widow/ers (workers)	Total	385,465	2,114,717	2,501,681	84.5
	Male	77,092	442,241	519,333	85.2
	Female	308,373	1,672,476	1,982,348	84.4

* Those who are less than 15 years old and non-workers are excluded

Appendix C: b) Tables for the non-covered specific groups. 6. Household monthly income

		No income	1-2,499	2,500-4,999	5,000-7,499	7,500-9,999	10,000-14,999	15,000-19,999	20,000-29,999	30,000-39,999	40,000-49,999	Over 49,999	Unknown	Total
Covered workers	Total	32,037	151,477	678,714	1,111,277	1,131,397	1,980,628	1,235,974	1,210,238	713,522	359,890	842,462	51,118	9,498,734
	Male	13,288	90,431	350,428	567,251	616,518	1,032,668	654,427	629,606	367,298	183,325	443,747	25,895	4,974,882
	Female	18,749	61,046	328,286	544,026	514,879	947,960	581,547	580,632	346,224	176,565	398,715	25,223	4,523,852
Non-covered workers	Total	253,346	4,012,008	7,016,126	5,241,746	2,486,822	2,641,925	1,038,580	863,839	459,188	187,967	573,664	55,368	24,830,579
	Male	151,039	2,183,724	3,945,125	3,011,811	1,426,386	1,490,794	585,119	472,063	256,674	106,498	300,363	30,499	13,960,095
	Female	102,307	1,828,284	3,071,001	2,229,935	1,060,436	1,151,131	453,461	391,776	202,514	81,469	273,301	24,869	10,870,484
Self employed	Total	149,164	1,820,805	2,838,137	2,024,199	937,950	1,050,091	421,782	343,181	165,778	63,090	160,478	23,513	9,998,168
	Male	102,046	1,255,530	1,975,348	1,317,581	618,352	667,948	253,192	203,410	107,573	39,716	98,747	14,482	6,643,925
	Female	47,118	565,275	862,789	706,618	319,598	382,143	168,590	139,771	58,205	23,374	61,731	9,031	3,354,243
Transportation workers	Total	2,161	21,823	71,871	94,118	82,567	120,414	55,090	40,761	16,343	4,321	16,628	2,981	529,078
	Male	2,161	19,814	69,153	91,754	80,867	118,014	54,305	38,277	15,750	4,321	15,529	2,981	512,926
	Female		2,009	2,718	2,364	1,700	2,400	785	2,484	593	0	1,099	0	16,152
Agriculture and fishery workers	Total	177,862	3,280,112	4,862,498	2,797,835	1,039,048	829,147	235,515	174,644	81,579	34,181	82,307	17,711	13,612,439
	Male	111,382	1,814,801	2,766,347	1,624,470	612,642	468,441	135,188	97,513	49,076	20,228	47,353	14,303	7,761,744
	Female	66,480	1,465,311	2,096,151	1,173,365	426,406	360,706	100,327	77,131	32,503	13,953	34,954	3,408	5,850,695
Construction workers	Total	5,328	57,801	212,974	231,805	124,652	103,913	28,218	19,074	6,669	2,793	5,862	820	799,909
	Male	4,729	57,006	198,139	219,393	115,479	93,211	24,879	17,825	6,548	2,793	5,711	820	746,533
	Female	599	795	14,835	12,412	9,173	10,702	3,339	1,249	121	0	151	0	53,376
Domestic workers	Total	2,511	3,769	18,423	23,727	18,122	13,900	7,550	7,756	13,737	6,411	51,904	3,105	170,915
	Male		98	430	842	1,675	852	1,000	114	0	0	0	327	5,338
	Female	2,511	3,671	17,993	22,885	16,447	13,048	6,550	7,642	13,737	6,411	51,904	2,778	165,577
Street vendors	Total	3,920	36,753	147,959	189,663	97,475	114,097	55,202	28,395	23,439	1,726	12,917	3,491	715,037
	Male	1,875	17,102	81,409	108,186	51,664	63,865	32,308	14,483	15,534	693	6,859	2,028	396,006
	Female	2,045	19,651	66,550	81,477	45,811	50,232	22,894	13,912	7,905	1,033	6,058	1,463	319,031
Homeworkers	Total	2,644	120,034	194,292	136,332	80,182	88,005	22,710	14,647	11,308	9,967	20,629	288	701,038
	Male	253	27,048	40,407	31,063	25,979	33,348	9,029	4,572	5,321	8,243	11,767	0	197,030
	Female	2,391	92,986	153,885	105,269	54,203	54,657	13,681	10,075	5,987	1,724	8,862	288	504,008
Low income household members	Total	3,117,866	7,405,617	-	-	-	-	-	-	-	-	-	-	10,523,483
	Male	1,360,934	3,660,511	-	-	-	-	-	-	-	-	-	-	5,021,445
	Female	1,756,932	3,745,106	-	-	-	-	-	-	-	-	-	-	5,502,038
The elderly	Total	993,250	1,272,068	1,723,042	1,106,636	532,882	548,653	239,239	232,201	132,609	59,400	170,481	20,277	7,030,738
	Male	378,725	589,835	812,953	526,361	262,064	256,824	107,630	106,773	58,655	23,806	73,754	8,322	3,205,702
	Female	614,525	682,233	910,089	580,275	270,818	291,829	131,609	125,428	73,954	35,594	96,727	11,955	3,825,036
Elderly widow/ers	Total	395,456	371,063	480,998	304,350	143,502	160,354	76,638	64,145	37,672	24,662	49,376	6,502	2,114,718
	Male	77,350	85,270	105,377	63,294	33,210	32,830	14,061	11,426	5,080	4,826	8,235	1,282	442,241
	Female	318,106	285,793	375,621	241,056	110,292	127,524	62,577	52,719	32,592	19,836	41,141	5,220	1,672,477

Appendix C: b) Tables for the non-covered specific groups. 7. Migration and change of occupation

		Migration history							Change of occupation last 12 months			
		Within province	Across the province in the same region	Across the province to different region	From overseas	No	Unknown	Total	Yes	No	Unknown	Total
	Total	312,274	161,162	184,067	2,213	8,977,728	14,821	9,652,265	832,160	8,804,947	15,153	9,652,260
	Male	185,799	84,658	108,000	1,784	4,671,284	8,198	5,059,723	461,585	4,589,937	8,198	5,059,720
	Female	126,475	76,504	76,067	429	4,306,444	6,623	4,592,542	370,575	4,215,010	6,955	4,592,540
Non-covered workers	Total	462,996	302,053	682,470	54,920	23,327,919	52,954	24,883,312	5,251,792	19,577,334	54,187	24,883,313
	Male	275,594	184,443	451,935	45,313	13,003,732	33,762	13,994,779	3,263,212	10,697,535	34,032	13,994,779
	Female	187,402	117,610	230,535	9,607	10,324,187	19,192	10,888,533	1,988,580	8,879,799	20,155	10,888,534
Self employed	Total	127,716	75,946	172,711	15,426	9,572,882	34,504	9,999,185	1,876,087	8,087,589	35,511	9,999,187
	Male	86,734	50,677	124,351	15,352	6,345,060	22,437	6,644,611	1,334,773	5,287,131	22,708	6,644,612
	Female	40,982	25,269	48,360	74	3,227,822	12,067	3,354,574	541,314	2,800,458	12,803	3,354,575
Transportation workers	Total	15,688	7,909	12,417	1,482	490,839	744	529,079	77,109	451,226	744	529,079
	Male	15,688	7,909	11,850	1,482	475,254	744	512,927	74,433	437,750	744	512,927
	Female	0	0	567	0	15,585	0	16,152	2,676	13,476	0	16,152
Agriculture and fishery workers	Total	150,739	140,236	351,479	27,108	12,911,750	33,693	13,615,005	3,131,880	10,449,026	34,100	13,615,006
	Male	96,151	88,386	244,906	25,193	7,286,904	22,770	7,764,310	1,937,463	5,803,806	23,041	7,764,310
	Female	54,588	51,850	106,573	1,915	5,624,846	10,923	5,850,695	1,194,417	4,645,220	11,059	5,850,696
Construction workers	Total	17,380	15,449	40,147	3,666	723,166	312	800,120	255,461	544,345	312	800,118
	Male	14,427	15,226	38,577	2,836	675,366	312	746,744	241,206	505,225	312	746,743
	Female	2,953	223	1,570	830	47,800	0	53,376	14,255	39,120	0	53,375
Domestic workers	Total	6,995	1,102	8,333	3,608	150,683	194	170,915	18,740	151,981	194	170,915
	Male	0	0	0	294	5,045	0	5,339	371	4,968	0	5,339
	Female	6,995	1,102	8,333	3,314	145,638	194	165,576	18,369	147,013	194	165,576
Street vendors	Total	19,303	7,650	36,323	0	650,435	1,809	715,520	174,282	539,428	1,809	715,519
	Male	11,504	5,004	25,284	0	353,818	837	396,447	113,506	282,103	837	396,446
	Female	7,799	2,646	11,039	0	296,617	972	319,073	60,776	257,325	972	319,073
Homeworkers	Total	10,443	2,369	11,624	417	673,429	2,757	701,039	211,378	486,168	3,492	701,038
	Male	4,466	375	6,169	0	185,112	908	197,030	55,237	140,885	908	197,030
	Female	5,977	1,994	5,455	417	488,317	1,849	504,009	156,141	345,283	2,584	504,008
Low income household members*	Total	48,248	41,395	149,704	12,678	3,991,724	21,605	4,265,354	1,226,658	3,016,963	21,733	4,265,354
	Male	28,476	26,048	97,639	12,451	2,154,614	15,536	2,334,764	743,740	1,575,360	15,664	2,334,764
	Female	19,772	15,347	52,065	227	1,837,110	6,069	1,930,590	482,918	1,441,603	6,069	1,930,590
The elderly*	Total	15,715	17,616	12,777	74	3,346,492	11,205	3,403,879	484,874	2,906,846	12,159	3,403,879
	Male	9,879	12,654	10,399	0	1,949,849	5,958	1,988,739	300,600	1,682,053	6,086	1,988,739
	Female	5,836	4,962	2,378	74	1,396,643	5,247	1,415,140	184,274	1,224,793	6,073	1,415,140
Elderly widow/ers*	Total	2,291	1,736	2,772	0	507,230	4,508	518,537	73,630	440,308	4,599	518,537
	Male	1,108	666	1,463	0	124,044	1,157	128,438	18,576	108,705	1,157	128,438
	Female	1,183	1,070	1,309	0	383,186	3,351	390,099	55,054	331,603	3,442	390,099

* Non-workers are excluded.

Appendix C. b) Tables for the non-covered specific groups. 8. Risk priority

	Sick	Occ injury	Job loss	Becoming old	Disability	Death	Funeral	Maternity	Child care	Education	Disaster	Loss of livestock	Loss of harvest	Others	No effect	Unknown	Total
Covered workers	Total	2,870,969	3,103,962	278,324	443,775	268,581	18,925	29,879	739,997	318,114	72,838	15,620	126,233	242,594	560,077	210,437	9,652,257
	Male	1,552,226	211,900	1,622,106	250,483	81,421	9,461	6,959	386,327	164,095	34,342	7,908	73,856	134,331	260,462	119,951	5,069,721
	Female	1,318,743	140,032	1,481,856	193,292	187,160	9,464	22,920	353,670	154,019	38,496	7,712	52,377	108,263	299,615	90,486	4,592,536
Non-covered workers	Total	8,556,699	971,523	4,229,709	903,213	1,073,393	75,336	93,715	2,039,545	776,238	832,884	137,062	2,585,376	707,111	534,886	114,455	24,883,305
	Male	4,874,837	604,984	2,673,631	643,560	315,116	43,822	13,409	1,016,821	415,791	492,720	90,609	1,529,438	407,878	295,438	67,108	13,994,776
	Female	3,681,862	366,539	1,556,078	608,800	758,277	31,514	80,306	1,022,724	360,447	340,164	46,453	1,056,224	299,233	239,248	47,347	10,888,529
Self employed	Total	3,709,691	354,593	1,017,134	383,679	329,202	40,684	26,224	875,393	294,186	378,211	86,779	1,229,777	315,167	199,947	40,066	9,999,185
	Male	2,464,901	258,773	661,381	459,081	87,941	26,963	4,590	539,616	194,958	285,493	71,068	981,529	210,092	121,171	25,815	6,644,612
	Female	1,244,791	95,820	355,753	259,371	241,261	13,721	21,634	335,777	99,228	92,718	15,711	248,248	105,078	78,776	14,251	3,354,573
Transportation workers	Total	228,837	26,178	127,997	23,034	9,624	938	0	42,980	14,070	1,725	92	7,281	12,077	14,925	5,643	529,080
	Male	222,310	24,658	123,700	22,774	9,183	938	0	41,987	13,809	1,725	92	7,281	10,978	14,866	4,973	512,928
	Female	6,527	1,520	4,297	260	441	0	0	993	261	0	0	0	1,099	59	670	16,152
Agriculture and fishery workers	Total	4,118,206	448,304	1,289,110	850,529	571,758	48,324	51,844	1,027,514	399,946	679,255	120,113	2,153,267	305,737	172,044	30,239	12,663,134
	Male	2,263,806	253,629	821,473	446,937	146,182	28,910	5,213	474,986	196,033	379,820	72,957	1,195,363	171,365	90,866	20,062	6,774,011
	Female	1,854,400	194,675	467,637	403,592	425,576	19,414	46,631	552,528	203,913	299,435	47,156	957,904	134,372	81,178	10,177	5,889,123
Construction workers	Total	234,303	51,373	219,301	15,347	10,432	1,521	2,723	53,195	18,033	9,046	1,194	20,628	15,123	11,129	3,112	688,001
	Male	218,642	45,527	202,921	13,815	9,323	1,521	1,290	48,435	17,564	8,012	1,194	19,933	13,379	10,639	3,112	634,969
	Female	15,661	5,846	16,380	1,532	1,109	0	1,433	4,760	469	1,034	0	695	1,744	490	0	53,032
Domestic workers	Total	52,289	4,345	71,904	4,085	3,376	0	0	10,098	1,013	940	0	1,331	1,494	10,333	2,933	170,914
	Male	453	0	3,114	0	0	0	0	0	29	0	0	0	67	1,675	0	5,338
	Female	51,836	4,345	68,790	4,085	3,376	0	0	10,098	984	940	0	1,331	1,427	8,658	2,933	165,576
Street vendors	Total	293,980	28,606	109,740	32,576	35,477	1,755	6,258	72,006	12,089	13,416	0	13,239	39,665	14,761	3,878	715,521
	Male	170,573	15,236	72,546	14,235	6,834	1,365	381	37,319	3,539	8,115	0	8,766	25,455	7,869	1,746	396,449
	Female	123,407	13,370	37,194	18,341	28,643	390	5,877	34,687	8,550	5,301	0	4,473	14,210	6,892	2,132	319,072
Homeworkers	Total	243,303	37,044	139,885	25,739	20,589	35,110	620	91,663	19,311	8,400	1,296	38,323	17,921	19,559	288	701,041
	Male	77,910	12,927	41,215	5,033	6,922	2,864	645	23,713	2,647	2,186	1,211	12,654	3,670	3,434	0	197,031
	Female	165,393	24,117	98,670	20,706	13,667	620	1,345	67,950	16,664	6,214	85	25,669	14,251	16,125	288	504,010
Low income household members*	Total	2,447,784	165,984	1,006,246	850,547	239,425	844,619	33,001	395,820	474,702	172,866	17,879	720,515	130,259	116,876	31,689	7,682,648
	Male	1,168,079	94,895	575,552	339,402	120,296	282,010	628	162,842	221,294	92,715	10,216	382,944	66,387	54,895	14,356	3,601,661
	Female	1,279,705	71,089	430,694	511,145	119,129	562,609	32,373	232,978	253,408	80,151	7,663	337,571	63,872	61,981	17,333	4,080,987
The elderly	Total	2,387,817	122,493	305,127	1,927,389	312,049	740,047	46,884	2,215	118,345	74,875	33,414	469,022	123,687	182,676	40,500	7,030,893
	Male	1,140,369	70,474	173,401	786,620	153,257	210,034	296	63,822	42,821	83,887	21,128	285,447	65,107	71,509	16,855	3,205,858
	Female	1,247,448	52,019	131,726	1,140,769	158,792	530,013	1,919	54,523	32,054	60,466	12,286	183,575	58,580	111,167	23,645	3,825,035
Elderly widow/ers	Total	656,862	20,311	63,713	730,208	82,635	354,150	662	21,237	6,896	19,977	1,833	45,616	19,100	55,121	17,233	2,114,716
	Male	142,768	6,256	17,357	152,883	14,039	61,182	5,931	3,287	2,251	7,919	415	12,522	3,978	7,015	4,438	442,241
	Female	514,094	14,055	46,356	577,325	68,596	292,968	662	17,950	4,645	12,058	1,418	33,094	15,122	48,106	12,795	1,672,475

* Those who are less than 15 years old are excluded.

Appendix C. b) Tables for the non-covered specific groups. 9. Social security benefit needs

		Sickness					Maternity benefit					Invalidity pension				
		Not important at all	Not important	Important	Very important	Unknown	Not important at all	Not important	Important	Very important	Unknown	Not important at all	Not important	Important	Very important	Unknown
Non-covered workers	Total	357,474	1,027,373	5,907,961	17,369,063	221,445	553,983	1,574,764	6,701,423	15,827,059	226,082	371,412	1,699,995	6,506,881	16,080,579	224,448
	Male	201,706	577,052	3,370,497	9,713,338	132,189	330,163	927,508	3,910,709	8,689,409	136,989	207,007	971,611	3,719,716	8,962,862	133,583
	Female	155,768	450,321	2,537,464	7,655,725	89,256	223,820	647,256	2,790,714	7,137,650	89,093	164,405	728,384	2,787,165	7,117,717	90,865
Self employed	Total	142,929	436,187	2,398,545	6,938,201	83,323	236,086	645,282	2,723,183	6,308,923	85,711	145,282	703,706	2,603,226	6,463,290	83,682
	Male	95,019	286,589	1,584,870	4,625,114	53,019	163,227	426,866	1,846,531	4,153,360	54,626	92,665	463,402	1,735,304	4,300,392	52,847
	Female	47,910	149,598	813,675	2,313,087	30,304	72,859	218,416	876,652	2,155,563	31,085	52,617	240,304	867,922	2,162,898	30,835
Transportation workers	Total	10,823	33,972	144,363	333,083	6,839	19,873	42,179	166,175	294,013	6,839	14,054	46,447	143,542	318,237	6,801
	Male	10,823	32,249	139,731	323,956	6,169	19,873	40,918	161,685	284,282	6,169	14,054	44,965	139,489	308,290	6,131
	Female	0	1,723	4,632	9,127	670	0	1,261	4,490	9,731	670	0	1,482	4,053	9,947	670
Agriculture and fishery workers	Total	180,074	458,105	3,185,376	9,698,211	93,241	295,266	725,090	3,644,732	8,857,324	92,594	184,704	726,818	3,539,781	9,073,869	89,835
	Male	105,670	269,930	1,838,582	5,490,103	60,026	177,475	448,443	2,145,018	4,932,408	60,967	102,952	437,692	2,036,815	5,128,759	58,093
	Female	74,404	188,175	1,346,794	4,208,108	33,215	117,791	276,647	1,499,714	3,924,916	31,627	81,752	289,126	1,502,966	3,945,110	31,742
Construction workers	Total	5,822	30,825	183,063	574,624	5,784	15,159	52,938	226,605	497,980	7,437	7,248	55,087	220,508	510,061	7,214
	Male	5,777	28,284	170,679	536,367	5,637	14,877	50,596	210,328	463,653	7,290	7,203	48,697	205,428	478,348	7,067
	Female	45	2,541	12,384	38,257	147	282	2,342	16,277	34,327	147	45	6,390	15,080	31,713	147
Domestic workers	Total	2,493	5,160	30,011	129,427	3,824	3,146	8,420	33,172	122,353	3,824	1,561	7,915	36,832	119,785	4,821
	Male	0	0	332	5,007	0	0	592	332	4,415	0	0	152	1,634	3,553	0
	Female	2,493	5,160	29,679	124,420	3,824	3,146	7,828	32,840	117,938	3,824	1,561	7,763	35,198	116,232	4,821
Street vendors	Total	26,768	35,363	159,202	488,172	6,016	26,984	48,064	168,725	465,748	6,000	21,447	58,987	171,972	454,745	8,369
	Male	11,638	19,168	82,966	280,715	1,960	13,746	24,165	95,224	261,409	1,903	8,653	36,755	94,708	253,173	3,158
	Female	15,130	16,195	76,236	207,457	4,056	13,238	23,899	73,501	204,339	4,097	12,794	22,232	77,264	201,572	5,211
Homeworkers	Total	3,193	26,921	173,062	492,913	4,948	6,983	44,401	189,050	455,656	4,948	5,239	52,292	181,522	457,036	4,948
	Male	1,185	11,400	62,426	119,959	2,059	2,480	16,981	69,412	106,098	2,059	2,652	22,308	57,635	112,375	2,059
	Female	2,008	15,521	110,636	372,954	2,889	4,503	27,420	119,638	349,558	2,889	2,587	29,984	123,887	344,661	2,889
Low income household members*	Total	123,237	221,233	1,703,842	5,564,531	69,805	218,483	371,081	1,908,582	5,113,516	70,985	131,519	363,644	1,798,805	5,319,629	69,051
	Male	59,120	107,393	818,419	2,584,448	32,281	106,808	177,449	969,608	2,315,067	32,728	62,665	179,035	860,987	2,467,078	31,897
	Female	64,117	113,840	885,423	2,980,083	37,524	111,675	193,632	938,974	2,798,449	38,257	68,854	184,609	937,818	2,852,551	37,154
The elderly	Total	137,412	299,269	1,634,912	4,873,693	85,608	247,663	503,210	1,875,637	4,317,920	86,464	142,307	469,891	1,789,943	4,543,261	85,490
	Male	55,738	139,839	748,812	2,223,252	38,217	106,464	240,099	877,030	1,942,972	39,294	57,156	223,351	838,242	2,049,111	37,998
	Female	81,674	159,430	886,100	2,650,441	47,391	141,199	263,111	998,607	2,374,948	47,170	85,151	246,540	951,701	2,494,150	47,492
Elderly widowers	Total	44,913	88,468	478,653	1,470,895	31,787	81,248	137,657	536,968	1,326,972	31,874	47,797	133,501	507,494	1,393,274	32,651
	Male	5,298	19,703	108,807	300,690	7,742	12,169	31,275	126,915	264,111	7,772	5,450	29,257	116,808	282,984	7,742
	Female	39,615	68,765	369,846	1,170,205	24,045	69,079	106,382	410,053	1,062,861	24,102	42,347	104,244	390,686	1,110,290	24,909

* Those who are less than 15 years old are excluded.

Appendix C. b) Tables for the non-covered specific groups. 9. Social security benefit needs

		Death benefit					Child allowance					Old-age pension					Total
		Not important at all	Not important	Important	Very important	Unknown	Not important at all	Not important	Important	Very important	Unknown	Not important at all	Not important	Important	Very important	Unknown	
Informal workers	Total	353,789	1,720,483	6,400,506	16,184,724	223,812	665,124	3,165,952	6,601,133	14,221,806	229,299	449,496	1,390,147	5,789,448	17,027,758	226,466	24,883,315
	Male	196,778	982,975	3,634,308	9,047,341	133,377	382,782	1,789,114	3,780,782	7,904,139	137,962	250,432	800,267	3,290,822	9,517,478	135,782	13,994,781
	Female	157,011	737,508	2,766,198	7,137,383	90,435	282,342	1,376,838	2,820,351	6,317,667	91,337	199,064	589,880	2,498,626	7,510,280	90,684	10,888,534
Self employed	Total	133,221	715,690	2,555,033	6,510,916	84,326	282,044	1,290,160	2,671,055	5,669,664	86,263	163,824	562,932	2,338,172	6,847,552	86,708	9,999,188
	Male	89,530	464,014	1,675,644	4,362,921	52,502	185,495	857,225	1,786,919	3,759,882	55,090	109,367	378,301	1,544,648	4,557,717	54,579	6,644,612
	Female	43,691	251,676	879,389	2,147,995	31,824	96,549	432,935	884,136	1,909,782	31,173	54,459	184,631	793,522	2,289,835	32,129	3,354,576
Transportation workers	Total	12,664	35,026	153,155	321,434	6,801	18,993	90,284	164,212	248,751	6,839	13,485	66,556	151,600	320,640	6,801	529,082
	Male	12,664	33,917	147,967	312,249	6,131	18,608	85,945	159,819	242,386	6,169	13,485	35,121	146,518	311,674	6,131	512,929
	Female	0	1,109	5,188	9,185	670	385	4,339	4,393	6,365	670	1,435	5,082	8,966	670	16,153	
Agriculture and fishery workers	Total	166,178	829,007	3,382,263	9,145,954	91,604	347,070	1,495,779	3,567,967	8,111,115	93,073	229,191	683,588	3,089,359	9,540,479	92,390	13,615,007
	Male	92,918	485,770	1,945,264	5,180,748	59,610	206,504	878,353	2,050,276	4,568,343	60,833	129,167	400,676	1,773,471	5,400,161	60,837	7,764,312
	Female	73,260	343,237	1,436,999	3,965,206	31,994	140,566	617,426	1,517,691	3,542,772	32,240	100,024	282,912	1,295,888	4,140,318	31,553	5,850,695
Construction workers	Total	8,418	53,743	209,156	521,588	7,214	17,207	92,262	236,925	446,471	7,253	15,672	51,736	189,362	535,873	7,476	800,119
	Male	6,491	50,683	193,300	489,203	7,067	16,792	84,604	217,959	420,321	7,067	11,992	47,424	178,291	501,747	7,290	746,744
	Female	1,927	3,060	15,856	32,385	147	415	7,658	18,966	26,150	186	3,680	4,312	11,071	34,126	186	53,375
Domestic workers	Total	1,561	8,896	36,668	118,967	4,821	2,877	16,514	37,392	109,310	4,821	1,759	6,095	32,095	126,144	4,821	170,914
	Male	0	0	2,641	2,697	0	592	0	1,051	3,696	0	0	0	947	4,392	0	5,339
	Female	1,561	8,896	34,027	116,270	4,821	2,285	16,514	36,341	105,614	4,821	1,759	6,095	31,148	121,752	4,821	165,575
Street vendors	Total	24,578	49,885	172,200	462,841	6,016	29,007	110,916	172,816	394,263	8,518	26,498	50,185	161,848	470,932	6,057	715,520
	Male	10,990	27,829	95,718	259,950	1,960	13,050	61,311	98,091	220,729	3,266	10,918	30,089	85,090	268,389	1,960	396,446
	Female	13,588	22,056	76,482	202,891	4,056	15,957	49,605	74,725	173,534	5,252	15,580	20,096	76,758	202,543	4,097	319,074
Homeworkers	Total	4,173	45,850	178,772	467,295	4,948	11,120	83,709	196,878	404,383	4,948	4,280	33,786	162,688	495,337	4,948	701,039
	Male	1,721	14,939	56,687	121,624	2,059	4,593	29,135	67,682	93,560	2,059	1,832	12,173	57,699	123,267	2,059	197,030
	Female	2,452	30,911	122,085	345,671	2,889	6,527	54,574	129,196	310,823	2,889	2,448	21,613	104,989	272,070	2,889	504,009
Low income household members*	Total	120,253	417,509	1,749,668	5,326,128	69,090	231,442	764,345	1,868,162	4,747,381	71,317	146,136	334,565	1,609,179	5,522,996	69,773	7,682,649
	Male	57,848	201,192	821,684	2,489,040	31,897	111,319	363,011	899,156	2,195,436	32,739	73,224	164,224	762,661	2,569,464	32,089	3,601,662
	Female	62,405	216,317	927,984	2,837,088	37,193	120,123	401,334	969,006	2,551,945	38,578	72,912	170,341	846,518	2,953,532	37,684	4,080,987
The elderly	Total	127,073	457,536	1,712,899	4,647,611	85,775	266,004	908,562	1,827,288	3,941,024	88,013	153,148	394,339	1,508,268	4,899,416	85,721	7,030,892
	Male	51,325	220,689	796,307	2,099,251	38,286	119,296	427,113	856,275	1,763,809	39,364	60,275	187,158	703,891	2,216,224	38,309	3,205,857
	Female	75,748	236,847	916,592	2,548,360	47,489	146,708	481,449	971,013	2,177,215	48,649	92,873	207,181	804,377	2,673,192	47,412	3,825,035
Elderly widowers	Total	40,967	124,066	486,379	1,430,802	32,503	80,798	259,912	510,921	1,229,733	33,353	50,890	108,809	431,227	1,492,193	31,598	2,114,717
	Male	5,218	27,979	107,176	294,125	7,742	12,929	57,399	117,883	246,258	7,772	8,297	24,423	98,924	303,280	7,317	442,241
	Female	35,749	96,087	379,203	1,136,677	24,761	67,869	202,513	393,038	983,475	25,581	42,593	84,386	332,303	1,188,913	24,281	1,672,476

* Those who are less than 15 years old are excluded

Appendix C: b) Tables for the non-covered specific groups. 10. Willingness to join the SSO scheme

		Willing	Not willing	Not sure	Unknown	Total
Non-covered workers	Total	7,034,499	12,056,903	5,652,929	138,981	24,883,312
	Male	3,951,353	6,697,819	3,268,941	76,666	13,994,779
	Female	3,083,146	5,359,084	2,383,988	62,315	10,888,533
Self employed	Total	2,708,733	5,007,518	2,214,721	68,213	9,999,185
	Male	1,762,084	3,356,030	1,486,918	39,579	6,644,611
	Female	946,649	1,651,488	727,803	28,634	3,354,574
Transportation workers	Total	191,389	217,481	117,930	2,279	529,079
	Male	184,934	211,394	114,320	2,279	512,927
	Female	6,455	6,087	3,610	0	16,152
Agriculture and fishery workers	Total	3,374,504	7,013,979	3,159,905	66,619	13,615,007
	Male	1,912,532	3,966,719	1,843,756	41,304	7,764,311
	Female	1,461,972	3,047,260	1,316,149	25,315	5,850,696
Construction workers	Total	255,815	356,894	184,821	2,589	800,119
	Male	239,352	335,752	169,051	2,589	746,744
	Female	16,463	21,142	15,770	0	53,375
Domestic workers	Total	53,739	74,314	41,010	1,852	170,915
	Male	1,422	2,267	1,650	0	5,339
	Female	52,317	72,047	39,360	1,852	165,576
Street vendors	Total	225,216	337,028	150,581	2,694	715,519
	Male	126,875	177,210	90,932	1,429	396,446
	Female	98,341	159,818	59,649	1,265	319,073
Homeworkers	Total	236,948	308,283	147,291	8,518	701,040
	Male	59,118	94,389	42,179	1,345	197,031
	Female	177,830	213,894	105,112	7,173	504,009
Low income household members*	Total	968,408	2,237,400	1,004,096	55,449	4,265,353
	Male	516,072	1,201,115	584,969	32,608	2,334,764
	Female	452,336	1,036,285	419,127	22,841	1,930,589
The elderly	Total	637,707	2,075,944	666,414	23,814	3,403,879
	Male	392,986	1,186,428	398,100	11,224	1,988,738
	Female	244,721	889,516	268,314	12,590	1,415,141
Elderly widow/ers	Total	89,010	310,083	112,747	6,697	518,537
	Male	23,180	74,050	30,145	1,062	128,437
	Female	65,830	236,033	82,602	5,635	390,100

* Those who are less than 15 years old are excluded.

Appendix C: b) Tables for the non-covered specific groups. 11. Reason why not to join the SSO scheme

		Cannot afford	Benefit is not attractive	Have enough savings	Have private insurance	Others	Unknown	Total
Non-covered workers	Total	8,003,369	884,948	290,615	922,998	1,904,651	50,322	12,056,903
	Male	4,441,233	495,217	156,341	537,579	1,040,291	27,158	6,697,819
	Female	3,562,136	389,731	134,274	385,419	864,360	23,164	5,359,084
Self employed	Total	3,257,893	383,182	125,186	371,199	852,118	17,940	5,007,518
	Male	2,191,648	248,491	84,786	251,393	570,433	9,279	3,356,030
	Female	1,066,245	134,691	40,400	119,806	281,685	8,661	1,651,488
Transportation workers	Total	118,836	28,668	2,873	18,658	45,866	2,579	217,480
	Male	114,853	26,744	2,827	18,598	45,793	2,579	211,394
	Female	3,983	1,924	46	60	73	0	6,086
Agriculture and fishery workers	Total	5,359,219	326,555	109,899	234,295	963,831	20,179	7,013,978
	Male	3,023,496	195,129	62,768	136,219	535,769	13,338	3,966,719
	Female	2,335,723	131,426	47,131	98,076	428,062	6,841	3,047,259
Construction workers	Total	246,869	28,003	4,370	16,962	60,213	479	356,896
	Male	238,045	24,103	2,640	14,761	55,726	479	335,754
	Female	8,824	3,900	1,730	2,201	4,487	0	21,142
Domestic workers	Total	49,054	5,274	1,651	4,739	13,595	0	74,313
	Male	2,267	0	0	0	0	0	2,267
	Female	46,787	5,274	1,651	4,739	13,595	0	72,046
Street vendors	Total	203,124	27,466	7,020	17,054	81,703	660	337,027
	Male	107,534	14,760	2,248	9,972	42,307	389	177,210
	Female	95,590	12,706	4,772	7,082	39,396	271	159,817
Homeworkers	Total	212,526	28,016	2,183	21,507	42,165	1,887	308,284
	Male	54,154	14,237	1,802	11,283	12,913	0	94,389
	Female	158,372	13,779	381	10,224	29,252	1,887	213,895
Low income household members**	Total	1,929,013	45,191	8,195	28,750	220,535	5,718	2,237,402
	Male	1,037,134	25,516	5,189	15,565	114,159	3,553	1,201,116
	Female	891,879	19,675	3,006	13,185	106,376	2,165	1,036,286
The elderly	Total	1,377,603	122,341	61,045	134,869	373,106	6,981	2,075,945
	Male	768,449	73,320	37,134	89,746	213,912	3,868	1,186,429
	Female	609,154	49,021	23,911	45,123	159,194	3,113	889,516
Elderly widow/ers	Total	219,723	11,601	6,607	11,642	58,972	1,538	310,083
	Male	50,988	1,762	1,097	2,788	17,353	62	74,050
	Female	168,735	9,839	5,510	8,854	41,619	1,476	236,033

* Those who answered "Not willing to join the SSO scheme" among the target groups are tabulated in this table.

Appendix C. b) Tables for the non-covered specific groups. 12. Affordable amount of monthly contribution

		<50	50-99	100-149	150-199	200-249	250-299	300-349	350-399	400-449	450-499	500-549	550-599	600-699	700-999	over 999	Unknown	Total
Non-covered workers	Total	1,704,459	2,029,360	2,037,068	402,235	379,124	68,006	138,291	14,371	15,656	17,155	140,856	5,665	8,793	9,041	60,850	3,571	7,034,501
	Male	950,070	1,162,477	1,135,945	208,102	212,211	42,816	74,592	9,044	9,661	10,926	81,303	3,129	6,112	5,111	37,604	2,251	3,951,354
Self employed	Female	754,389	866,883	901,123	194,133	166,913	25,190	63,699	5,327	5,995	6,229	59,553	2,536	2,681	3,930	23,246	1,320	3,083,147
	Total	677,075	752,705	783,798	138,119	153,537	28,729	59,467	4,567	7,299	5,466	55,644	3,655	4,126	4,342	28,080	2,123	2,708,732
Transportation workers	Male	451,444	512,861	482,808	78,196	100,322	20,057	40,363	3,009	5,223	2,694	33,878	2,234	2,842	3,759	21,003	1,390	1,762,083
	Female	225,631	239,844	300,990	59,923	53,215	8,672	19,104	1,558	2,076	2,772	21,766	1,421	1,284	583	7,077	733	946,649
Agriculture and fishery workers	Total	25,140	56,721	62,554	14,039	12,961	4,360	3,933	1,046	221	1,960	6,897	0	0	0	1,484	72	191,388
	Male	24,963	54,640	59,769	13,959	12,729	3,261	3,933	1,046	221	1,960	6,897	0	0	0	1,484	72	184,934
Construction workers	Female	177	2,081	2,785	80	232	1,099	0	0	0	0	0	0	0	0	0	0	6,454
	Total	1,044,281	1,050,965	821,484	131,980	137,414	19,871	55,521	3,477	5,355	5,003	59,434	998	5,828	5,952	24,843	2,096	3,374,502
Domestic workers	Male	571,912	609,250	468,734	77,054	72,686	12,232	28,594	3,053	5,029	3,205	35,440	998	3,997	3,731	15,542	1,074	1,912,531
	Female	472,369	441,715	352,750	54,926	64,728	7,639	26,927	424	326	1,798	23,994	0	1,831	2,221	9,301	1,022	1,461,971
Street vendors	Total	72,973	79,052	72,307	7,825	10,559	1,569	2,448	551	311	0	6,049	0	219	0	1,876	75	255,814
	Male	71,312	72,949	65,384	7,541	9,625	1,569	2,166	551	311	0	5,993	0	219	0	1,876	75	239,352
Homeworkers	Female	1,661	6,103	6,923	284	934	0	282	0	0	0	56	0	0	0	0	0	16,462
	Total	13,413	10,410	16,048	7,350	2,829	0	3,028	0	0	0	0	0	0	0	660	0	53,738
Low income household members**	Male	1,000	327	0	0	95	0	0	0	0	0	0	0	0	0	0	0	1,422
	Female	12,413	10,083	16,048	7,350	2,734	0	3,028	0	0	0	0	0	0	0	660	0	52,316
The elderly	Total	52,661	60,483	73,720	12,397	11,494	784	5,920	718	0	0	1,997	0	1,064	381	3,598	0	225,217
	Male	31,369	35,664	38,222	6,298	7,500	572	3,069	466	0	0	928	0	1,064	381	1,342	0	126,875
Elderly widow/ers	Female	21,292	24,819	35,498	6,099	3,994	212	2,851	252	0	0	1,069	0	0	0	2,256	0	98,342
	Total	49,613	70,653	81,848	5,993	12,098	2,917	6,352	0	109	28	5,645	0	349	0	648	695	236,948
Homeworkers	Male	11,791	20,214	20,758	1,724	2,052	1,214	522	0	0	28	517	0	0	0	298	0	59,118
	Female	37,822	50,439	61,090	4,269	10,046	1,703	5,830	0	109	0	5,128	0	349	0	350	695	177,830
Low income household members**	Total	416,287	288,031	175,729	19,263	32,712	1,881	10,890	2,302	0	285	15,399	593	23	583	2,738	1,692	968,408
	Male	210,578	165,962	94,331	9,452	16,910	1,079	4,572	480	0	285	8,198	593	0	271	2,481	879	516,071
The elderly	Female	205,709	122,069	81,398	9,811	15,802	802	6,318	1,822	0	0	7,201	0	23	312	257	813	452,337
	Total	205,315	178,341	152,899	27,129	25,362	6,425	11,314	907	1,565	154	20,107	1,115	1,868	460	4,610	135	637,706
Elderly widow/ers	Male	124,017	110,495	95,817	17,359	15,178	5,358	8,349	907	1,510	154	9,284	0	1,450	460	2,647	0	392,985
	Female	81,298	67,846	57,082	9,770	10,184	1,067	2,965	0	55	0	10,823	1,115	418	0	1,963	135	244,721
Elderly widow/ers	Total	32,417	22,960	21,430	2,486	4,571	404	1,188	0	454	0	2,351	0	0	0	702	48	89,011
	Male	10,333	6,218	4,965	0	436	319	474	0	399	0	37	0	0	0	0	0	23,181
	Female	22,084	16,742	16,465	2,486	4,135	85	714	0	55	0	2,314	0	0	0	702	48	65,830

* Those who answered "Willing to join the SSO scheme" among target groups are tabulated in this table.

Appendix C: b) Tables for the non-covered specific groups. 13. Preferred contribution payment frequency

		Once a week	Once every two weeks	Once a month	Once every two months	Once every 3 months	Once every 6 months	Once a year	Undecided	Unknown	Total
Non-covered workers	Total	30,566	24,984	4,687,215	130,542	152,521	282,991	1,562,792	159,671	3,214	7,034,496
	Male	18,220	12,540	2,606,577	74,777	87,494	156,061	898,846	94,787	2,048	3,951,350
	Female	12,346	12,444	2,080,638	55,765	65,027	126,930	663,946	64,884	1,166	3,083,146
Self employed	Total	16,693	11,852	1,765,889	46,166	61,907	126,188	623,736	55,085	1,216	2,708,732
	Male	10,620	7,182	1,107,043	34,212	42,796	81,896	446,363	31,196	775	1,762,083
	Female	6,073	4,670	658,846	11,954	19,111	44,292	177,373	23,889	441	946,649
Transportation workers	Total	2,040	495	160,604	4,211	3,063	3,566	14,967	2,373	72	191,391
	Male	2,040	495	154,762	4,211	2,985	3,263	14,735	2,373	72	184,936
	Female	0	0	5,842	0	78	303	232	0	0	6,455
Agriculture and fishery workers	Total	11,874	8,601	1,876,168	66,521	74,610	170,934	1,080,254	83,405	2,136	3,374,503
	Male	7,872	4,298	1,063,068	39,018	40,278	93,932	611,097	51,723	1,244	1,912,530
	Female	4,002	4,303	813,100	27,503	34,332	77,002	469,157	31,682	892	1,461,973
Construction workers	Total	1,539	89	191,410	4,671	5,632	4,107	42,035	6,256	75	255,814
	Male	1,539	89	179,243	4,607	4,443	3,359	39,850	6,146	75	239,351
	Female	0	0	12,167	64	1,189	748	2,185	110	0	16,463
Domestic workers	Total	0	0	46,011	429	802	1,961	3,329	1,207	0	53,739
	Male	0	0	735	95	0	0	0	592	0	1,422
	Female	0	0	45,276	334	802	1,961	3,329	615	0	52,317
Street vendors	Total	530	5,150	165,690	3,818	6,526	9,483	28,656	5,366	0	225,219
	Male	61	4,216	92,044	2,347	3,304	4,345	16,384	4,176	0	126,877
	Female	469	934	73,646	1,471	3,222	5,138	12,272	1,190	0	98,342
Homeworkers	Total	64	236	182,926	6,726	4,029	5,800	33,014	3,666	490	236,951
	Male	64	24	50,412	1,306	116	1,085	5,566	546	0	59,119
	Female	0	212	132,514	5,420	3,913	4,715	27,448	3,120	490	177,832
Low income household members**	Total	4,018	413	462,364	21,703	30,690	53,683	350,201	43,643	1,692	968,407
	Male	2,907	106	240,568	14,393	12,272	29,342	189,918	25,686	879	516,071
	Female	1,111	307	221,796	7,310	18,418	24,341	160,283	17,957	813	452,336
The elderly	Total	3,210	2,161	401,253	11,100	13,325	24,002	169,196	13,280	180	637,707
	Male	2,432	953	243,199	7,606	10,198	15,975	106,359	6,132	132	392,986
	Female	778	1,208	158,054	3,494	3,127	8,027	62,837	7,148	48	244,721
Elderly widow/ers	Total	630	430	58,639	1,100	1,990	2,742	20,483	2,948	48	89,010
	Male	0	76	13,770	337	318	410	7,719	550	0	23,180
	Female	630	354	44,869	763	1,672	2,332	12,764	2,398	48	65,830

* Those who answered "Willing to join the SSO scheme" among target groups are tabulated in this table.

Appendix C: b) Tables for the non-covered specific groups. 14. Willingness to extend SSO scheme coverage to SSO member's uncovered spouse

		Yes	No	I don't know	My spouse is covered by other SSS	Unknown	Total
Sickness	Total	728,695	497,081	181,236	1,830,297	99,622	3,336,931
	Male	465,131	283,029	105,063	944,103	50,892	1,848,218
	Female	263,564	214,052	76,173	886,194	48,730	1,488,713
Old-age pension	Total	706,494	510,445	204,849	1,815,520	99,622	3,336,930
	Male	444,625	293,279	124,486	934,934	50,892	1,848,216
	Female	261,869	217,166	80,363	880,586	48,730	1,488,714
Invalidity pension	Total	722,646	500,157	199,200	1,815,305	99,622	3,336,930
	Male	454,595	287,252	120,688	934,790	50,892	1,848,217
	Female	268,051	212,905	78,512	880,515	48,730	1,488,713

Appendix D: a) Labour Force Survey Questionnaire

Code					Page No.
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					1
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Number.....of.....for this household



THE LABOUR FORCE SURVEY

(QuarterYear.....)

Form 3

(Enumeration form)

1. Region Province

2. Amphoe Tambon

3. Address

4. Municipal area ED.....BLK.....

Non-municipal area ED.....Village No. Name of village.....

5. No. of Block/village.....

6. Rotation Group..... Sample Set.....

Month..... Year.....

7. Household No. Type of Household (Private ...1 Special (specify) ... 2)

8. No. of persons in the household (Enumeration)

9. No. of persons in the household (Listing)

10. Name of respondent Member No.

11. Enumeration of this household (record code no.)

REG	CWT	AREA

1-4

PSU_NO				
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5-8

ROTA_GR		SAMSET	
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113-114

MONTH_YR			
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9-12

HH_NO		TYPE	
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13-15

MEMBERS		
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16-17

LISTING		
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18-19

Respond		code	Non - Respond		code
Listing	Enumeration		Listing	Enumeration	
1. Household Sample	1.1 Occupied	11	1. Household Sample	Visited 3 times but unable to contact	21
	Demolished, Burnt	12		Incorporate	22
	Unoccupied	13		Unidentified	23
	1.2 Unoccupied	14			
	Interviewed	15	2. Others (specify)		24
2. No Household Sample	Interviewed	16			

ENUM		
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20-21

Date of interview Day MonthYear

Date of Editing and Coding MonthYear

Signature

Signature

Enumerator

Edit and code

Signature.....Checked by

(.....)

Position

1 2 3 4 5 6 7 8 9 0

					2
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Part 1 : Characteristic of Household Member

No.	Ask Every				Ask only person 15 years and over
	Name-Surname	Relationship to head of household Code	Sex Code	Age (age at last birthday if age less than 1 year record " 00 ")	Marital status Code
F1	F2	F3	F4	F5	F6

22

Remarks :

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Part 2 : Education			Part 3 : Employment, ask only person 15 years and over			
Ask persons 15-30 years	Ask persons 15 years and over	Ask only graduate of university, teacher training or vocational school in col.F8	During the last 7 days before interview date was (name) employed, did (name) work for pay or profit or work as an unpaid family worker?	For those who recorded 2 in col.F10	For those who recorded 2 in col.F11	For those who recorded 1 in col.F12
Is (name) attending school? Code Yes.1 No.2	What is (name)'s highest grade of education completed? Specify, grade, year completed, certificate, diploma If studying in university, college, vocational, program in education specify name of institute and highest education, before this level. If graduate from university, college, vocational, program in education specify name of institute. Specify 'never attended' if never attended school. If graduates from vocational or program in education or university go to col.F9, other level skip to col. F10	No.of years required to complete the course.	Yes.....1 (Go to col.F23) No.....2 (Contd.)	Although (name) did not work during the last 7 days before interview date did name still receive wages, salaries or profits from your work or business? Code Yes.....1 (Go to col.F23) No.....2 (Contd.)	Did (name) have a job or business to which you will return to work? (unpaid family worker is treated that he/she does not have a job or business to return to, record code 2) Code Yes.....1 (Contd.) No.....2 (Go to col.F14)	How long did (name) not work? Code Less than or equal to 2 months.....1 More than 2 months2 (Go to col.F23)
F7	F8	F9	F10	F11	F12	F13
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Part 3 : Employment, ask only person 15 years and over (contd.)

For those who recorded 2 in col.F12	Seeking work during 7 days before interview date who recorded 1 in col.F14	Not seeking work who recorded 2 or 3 in col.F14	Not available to work who recorded 2 in col.F16	Available to work who recorded 1 in col.F16	Seeking/available to work during 7 days before interview date who recorded 1 in col.F14 or F16	
During the last 30 days before interview date did (name) seek work or apply for a job or was waiting to be called to work? Code Yes, in 7 days.....1 (contd.) Yes, in 8-30 days...2 No.....3 (Go to col.F16)	How did (name) seek work or apply for a job? Code Newspaper/Magazine1 Radio/TV.....2 Seeking assistance of friends, relative.....3 Checking at a public employment exchange...4 Direct application.....5 Sending application to employers.....6 Others (spec.).....7 (Go to col.F19)	During the last 7 days before interview date if there are suitable jobs and within your ability would you work? Code Yes.....1 (Go to col.F18) No.....2 (Contd.)	Reason that (name) was not available to work even though there are suitable jobs and within your ability? Code Household, family duties...1 In school, student.....2 Seasonal worker.....3 Too young, old age.....4 Illness, disability.....5 Resting.....6 Others (spec.).....7 (Go to part 6)	Why did (name) not seek work? Code Believe no work available.....1 Can not find any work2 Do not know how or where to seek work...3 Can not find suitable work.....4 Bad weather.....5 Others (spec.)6 (Contd.)	How long did (name) seek or was available for work? Code Less than 1 month.....1 1 - 2.9 months.....2 3 - 5.9 months.....3 6 - 8.9 months.....4 9 - 11.9 months.....5 More than 11.9 months.6 (Contd.)	Has (name) ever worked? Code Yes.....1 (Contd.) No.....2 (Go to part 6)
F14	F15	F16	F17	F18	F19	F20
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part 3 : Employment, ask only person 15 years and over (contd.)

Experienced worker for those who recorded 1 in col.F20		Employed person and experienced worker who recorded 1 in col.F10, F11, F20, record 1 or 2 in col.F13		
		Occupation	Industry	Work Status
Why did (name) leave the last job? <div style="text-align: right;">Code</div> Business establishment discontinued.....1 Being fired.....2 End of contract.....3 Reduce wage or welfare.....4 Not satisfied with payment.....5 Work finished.....6 Other (specify)7 (Contd.)	How long ago did (name) leave the last job? <div style="text-align: right;">Code</div> Less than 1 month.....1 1 - 2.9 months.....2 3 - 5.9 months.....3 6 - 8.9 months.....4 9 - 11.9 months.....5 More than 11.9 months.....6 (Contd.)	What type of work or business did (name) do? Record main task and duty of the work occupying the most hours, The experienced worker record the recent occupation. (Contd.)	What kind of business or industry is this job in? (Contd.)	What is (name) work status? <div style="text-align: right;">Code</div> Employer.....1 Self Employed without employee.....2 Unpaid family worker.....3 Government employee.....4 Government enterprise employee.....5 Private employee.....6 Member of co-operative.....7 (If record code 1, 6 Contd.) (If record code 2, 3, 4, 5, 7 go to col.F27 For whose record 1 in col.20 Go to part 6)
F21	F22	F23	F24	F25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>

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Part 3 : Employment, ask only person 15 years and over (contd.)

Employed/Experienced worker, who recorded 1, 6 in col. F25	Employed person who recorded 1 in col. F10, F11, record 1 or 2 in col.F13		
What is the size of establishment that (name) is working at or last worked at? Code 1 - 4 persons.....1 5 - 9 persons.....2 10 - 19 persons.....3 20 - 49 persons.....4 50 - 99 persons.....5 100 - 199 persons.....6 Over 200 persons.....7 (If record code 1 in col.F20 go to part 6)	No. of hours worked during 7 days before interview date (For those who recorded 1 in col.F10 record number of actual hours worked during 7 days before interview date include overtime, coffee break but exclude lunch, for those who recorded 1 in col.F11, recorded 1 or 2 in col. F13 recorded "00" in these 3 cols.)		
	No. of actual hours worked in occupation recorded in F23	No. of actual hours worked in other occupations during 7 days before interview date If none record "00"	Total hours worked (F27 + F28)
F26	F27	F28	F29
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Part 4 : Wanting more work during the last 7 days before interview date

Employed person who recorded 1 in col. F10, F11, recorded 1 or 2 in col.F13

During the last 7 days before interview date did (name) have time for additional work and want to work? <small>Code</small> Yes.....1 (Contd.) No.....2 (For those whose work status, col.F25 code is 4, 5 or 6 go to F34, If code 1, 2, 3 or 7 go to part 6)	Employed persons have time and wanted additional work recorded 1 in col. F30		
	How many hours per week does (name) want to work? <small>(Record no. of hour)</small> (Contd.)	Is (name) seeking or registered for additional work? <small>Code</small> Yes.....1 No.....2 (Contd.)	Why does (name) not want additional work? <small>Code</small> Equipment/Engine/Machine broke down...1 Reduction in Productivity/ working hours.....2 Strike, Lock out.....3 Could not find more work.....4 Illness, Injury.....5 Bad weather.....6 Others (spec.).....7 (For those whose work status, col.F25 code is 4, 5 or 6 Contd. If code 1, 2, 3 or 7 go to part 6)
F30	F31	F32	F33
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part 5 : Wage or salary

Wage

Ask only those whose work status was employee only,

recorded 1 in col. F10, F11, recorded 1 or 2 in col. F13 and work status code is 4 or 5 or 6 in col. F25

What kind of wages does name receive? Code	For those who recorded code 1, 2, 3 in col.F34	For those who recorded code 1-7 in col.F34
In Cash : Per hour.....1 Per day.....2 Per week.....3 Per month.....4 Others (spec.).....5 Unknown.....6 Not in cash7 (If record code 1-3 contd. if record code 4-7 go to col. F36)	What wage does (name) receive per hour, per day or per week? (Record amount and contd.)	Average wage received per month (Record amount and contd.)
F34	F35	F36
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

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Part 5 : Wage or salary (contd.)

Supplementary Benefits

Ask only those whose work status was employee only,

recorded 1 in col. F10, F11, recorded 1 or 2 in col. F13 and work status code is 4 or 5 or 6 in col. F25

<p>During the last 12 months before interview date, besides wages, did (name) receive any bonus in cash</p> <p>If "yes" record amount, if no record "0"</p>	<p>During the last 30 days before interview date, besides wages, did (name) receive any benefit in cash</p> <p>If "yes" record amount, if no record "0"</p>	
<p>Bonus per year</p> <p>(During the last 12 month before interview date)</p>	<p>Average overtime per month</p> <p>(During the last 30 days before interview date)</p>	<p>Others per month</p> <p>(During the last 30 days before interview date)</p> <p>(Include payment for food, cloth, dress, quarters, tips, transportation...)</p>
F37	F38	F39
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

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Part 5 : Wage or salary (contd.)				For use in the office only
Supplementary Benefits Ask only those whose work status was employee only, recorded 1 in col. F10, F11, recorded 1 or 2 in col. F13 and work status code is 4 or 5 or 6 in col. F25				
During the last 30 days before interview date, besides wages, did (name) receive any benefit in kind? If "yes" record amount in cash, if no record "0" (Calculate other benefits in cash per month)				code No.....0 Yes.....1
Food	Cloth & Dress	Living quarters	Others	
F40	F41	F42	F43	F44
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Appendix D: b) Social security priority and needs survey questionnaire

Number.....of.....for this household



Survey on social security needs (for people in the informal economy sector)

(Oct.-Dec. 2003)

(Enumeration form)

1. Region Province
2. Amphoe Tambon
3. Address
4. Municipal area ED.....BLK.....
Non-municipal area ED.....Village No. Name of village.....
5. No. of Block/village.....
6. Rotation Group..... Sample Set.....
Month..... Year.....
7. Household No. Type of Household (Private ...1 Special (specify) ... 2)
8. No. of persons in the household (Enumeration)
9. No. of persons in the household (Listing)
10. Name of respondent Member No.
11. Enumeration of this household (record code no.)

REG	CWT	AREA

1-4

PSU_NO					5-8
ROTA_GR		SAMSET			113-114
MONTH_YR					9-12
HH_NO			TYPE		13-15
		MEMBERS			16-17
		LISTING			18-19

Respond		code	Non - Respond		code
Listing	Enumeration		Listing	Enumeration	
1. Household Sample	1.1 Occupied	Interviewed	1. Household Sample	Visited 3 times but unable to contact	21
		Demolished, Burnt		No cooperation	22
		Unoccupied		Unidentified	23
	1.2 Unoccupied	Unoccupied			
		Interviewed	2. Others (specify)		
2. No Household Sample	Interviewed	16			24

ENUM			20-21
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Date of interview Day MonthYear

Date of Editing and Coding MonthYear

Signature

Signature

Enumerator

Edit and code

Signature.....Checked by
(.....)
Position

Part 1 : Characteristic of Household Member

No.	Ask Every person				Ask person aged 15 years and over	Ask person aged 15 years and over who worked during 7 days before interview date
	Name-Surname	Relationship to head of household	Sex	Age	Code	Work status
		Code	Code	(age of last birthday if age less than 1 year record " 00 ")		Code
		Household's head.....1	Male.....1		Single.....1	Employer.....1
		Husband/wife.....2	Female....2		Married.....2	Self employed with out employee.....2
		Unmarried children.....3			Widowed.....3	Unpaid family worker.....3
		Married children.....4			Divorced.....4	Government Employee.....4
		Spouse of married children.....5			Separated.....5	Temporary employee.....5
		Grand children.....6			Unknown status.....6	Government enterprise Employee.....6
		Parents, Parents-in-law.....7				Temporary employee.....7
		Other relatives.....8				Private employee.....8
		Non-relative,Servants.....9				Member of co-operative.....9
		Special household member.....0				
A1	A2	A3	A4	A5	A6	A7
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Remarks :

Part 2 Social Security Scheme

Ask Every person		Ask persons aged 15 years and over			Who recorded 5 in col. A8 and aged 15 years and over					
Which social security scheme are (name) covered by? <div style="text-align: right;">Code</div> Civil service scheme.....1 State enterprise scheme.....2 Private school teacher scheme.....3 SSO scheme4 Not covered by social security scheme.....5	What is your main health insurance ? <div style="text-align: right;">Code</div> Civil service scheme...1 State enterprise scheme.....2 Private school teacher scheme.....3 SSO scheme4 30B scheme5 Private insurance.....6 Community based / occupational group insurance7 Do not use any insurance to cover medical costs.....8 (-If aged 15 years and over : contd. If not : stop)	Risk priority Choose 3 situations that cause financially most serious situations <div style="text-align: right;">Code</div> Sickness.....1 Occupational injury.....2 Loss of job.....3 Becoming old4 Disability.....5 Death of income earner6 Funeral7 Maternity.....8 Child care9 Education10 Natural disaster.....11 Loss of livestock12 Loss of harvest.....13 No risk.....14 Others (specify)...15 <div style="display: flex; justify-content: space-between;"> order 1 order 2 order 3 </div>			The following is the benefit package that the Social Security Office is providing. Indicate how important each benefit is among the choice from 1 to 4. <div style="text-align: right;">Code</div> Not important at all.....1 Not important2 Important.....3 Very important4					
					Sickness	Maternity	Invalidity	Death	Child allowance	Old-age pension
					-get free medical cost -get compensation	-for maternity free 4,000 baht /times -2 times/ person	-get medical cost 2,000 baht/month -get compensation	-Get 30,000 bht for cremation -Get allowance	-Get 200 bht /month for child aged 0-6 years	-pension
A8	A9	A10			A11	A12	A13	A14	A15	A16
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part 3 Social Security Needs				Part 4 Extension of the	
(Ask employed person during 7 days before interview date and recorded 5 in col. A8)				Ask persons who recorded 4	
Who recorded 5 in col.A8	Who recorded 1 in col. A17		Who recorded 2 in col. A17	and the spouse is not covered by (Who recorded 4 in col.A8)	
	The affordable amount	Payment frequency			
Would (name) like to join the social security scheme ? <div>Code</div> Yes1 (Contd.) No2 (Go to col. A20) I don't know3 (record code 3 and work status was employer go to col. A24. If not employer go to col. A26)	How much in total can (name) pay per month for social security scheme to cover yourself ? (Bht) <div>Code</div> Less than 50.....1 50-99.....2 100-149.....3 150-199.....4 200-249.....5 250-299.....6 300-349.....7 350-399.....8 400-449.....9 450-499.....10 500-549.....11 550-599.....12 600-699.....13 700-999.....14 over 999.....15	How often would (name) prefer to make payment ? (Bht) <div>Code</div> Once every week1 Once every 2 weeks ...2 Once a month3 Once every 2 months ...4 Once every 3 months ...5 Once every 6 months ...6 Once a year7 Undecided8 (If employer go to col.A24 if not go to col. A26)	Why doesn't (name) want to join the social security scheme ? (Record main reason) <div>Code</div> Not affordable1 Benefits are not attractive2 Have enough savings3 Have private insurance.....4 Others (specify).....5 (If employer go to col.A24 if not go to col. A26)	Would you like to pay additional contribution to include your spouse in the sickness benefit in the SSO scheme? <div>Code</div> The spouse is not covered by any SSS: Yes1 No2 I don't know3 The spouse is covered by a SSS.....4 (Contd.)	Would you like to pay additional contribution to include your spouse in the old age pension benefit in the SSO scheme? <div>Code</div> The spouse is not covered by any SSS: Yes1 No2 I don't know3 The spouse is covered by a SSS.....4 (Contd.)
A17	A18	A19	A20	A21	A22
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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coverage to spouse	Part 5 SSO coverage of enterprises		Part 6 Others
in col. A8 any social security scheme and record code 2 in col. A6)	Who recorded 1 in col. A7		Homeworkers (Ask person aged 15years and over)
Would (name) like to pay additional contribution to include your spouse in the invalidity benefit in the SSO scheme? <div style="text-align: right;">Code</div>	Does (name) pay contributions to the SSO? <div style="text-align: right;">Code</div>	Whose record 2 in col. A24	During 12 months before interview
		Why doesn't (name) pay contribution to the SSO?	date did (name) work as a homeworker?
The spouse is not covered by any SSS: Yes1 No2 I don't know3 The spouse is covered by a SSS.....4 (If employer contd. if not go to col. A26)	Yes1 (Go to col. A26) No2 (Contd.)	My company is registered with the SSO but I don't want to pay contribution for employees.....1 I don't want to register my company with the SSO scheme.....2 My business is not allowed to register with the SSO scheme.....3 I don't know whether I have to participate..4 Others (specify).5 (Contd.)	Yes.....1 No.....2 (-The place of work can be anywhere other than the employer's work place. -The total goods must return to employer or both return the total to employer and make some for sales.) (-if employed person during 7 days before interview date contd. -if not : stop)
A23	A24	A25	A26
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Part 6 Others (cont'd.)

Ask employed person during 7 days before interview date (recorded 1-7 in col. A7)			Ask only head of Individual household			
Migration	Change occupation	No. of jobs	No. of dependents	Household income	Household debt (1 oct. 2003)	Household savings (1 oct. 2003)
During 12 months before interview date did (name) change your place of residence? Code	During 12 months before interview date did (name) change your occupation? Code	How many jobs did (name) do in the reference week? record amount of jobs (Contd.)	How many dependent children and spouse who are living separately and unemployed does your household have? record amount of dependents if no record "0" (Contd.)	During 12 months before interview date how much is your monthly household income? (Bht.) (Net income) Code	How much debt in total do you have in your household? (Bht.) Code	How much savings in total do you have in your household? (Bht.) Code
Yes within the province.....1 across the province within the same region.....2 across the province and the region...3 from overseas.....4 No5 (Contd.)	Yes1 No2 (Contd.)			No income.....1 1 - 2,4992 2,500 - 4,9993 5,000 - 7,4994 7,500 - 9,9995 10,000 - 14,9996 15,000 - 19,9997 20,000 - 29,9998 30,000 - 39,9999 40,000 - 49,99910 over 49,99911 (Contd.)	No debt.....1 1 - 9,9992 10,000 - 24,9993 25,000 - 49,9994 50,000 - 99,9995 100,000 - 149,9996 150,000 - 199,9997 200,000 - 299,9998 300,000 - 499,9999 500,000 - 999,99910 over 999,99911 (Contd.)	No saving.....1 1 - 9,9992 10,000 - 29,9993 30,000 - 49,9994 50,000 - 69,9995 70,000 - 99,9996 100,000 - 149,9997 150,000 - 199,9998 200,000 - 299,9999 300,000 - 399,99910 over 399,99911
A27	A28	A29	A30	A31	A32	A33
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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