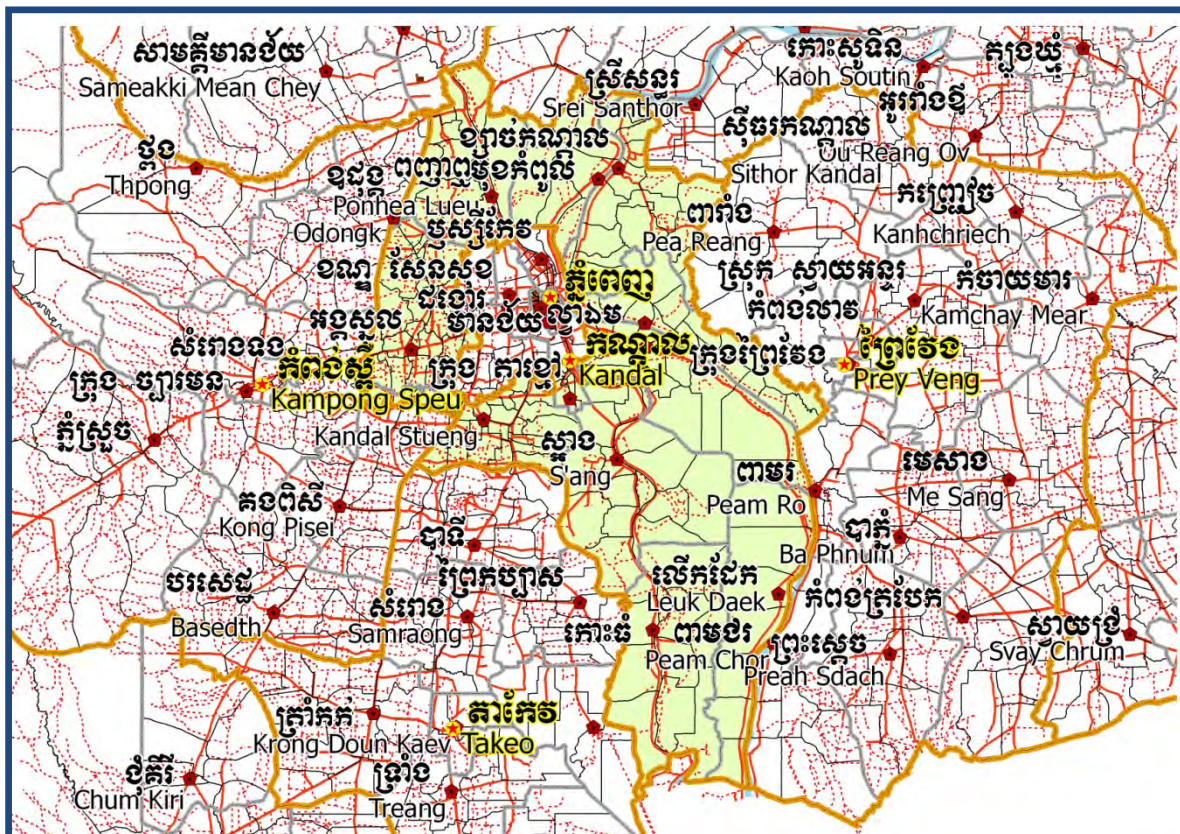


# KINGDOM OF CAMBODIA

Nation Religion King



## National Committee for Sub-National Democratic Development (NCDD)



## Kandal Data Book 2009

GIS code: 8

October 2009



# **Kandal Data Book 2009**

**GIS code: 8**



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## List of Abbreviations

#	Number
AGR	Agriculture
BR	Birth Registration
CCs	Commune Councils
C. Pilot	Piloted Commune
C/S	Commune / Sangkat
CBO	Community-Based Organization
CDB	Commune Database
CDPD	Commune Development and Planning Database
CIP	Commune Investment plan
CLTS	Community Led-Total Sanitation
Comm.	Commune
Com Cov	Commune Covered
CPA	Complementary Package of Activities
CPS	Community Preschool
CCWC	Commune Committees for Women and Children
DANIDA	Danish International Development Agency
DDLG	Democratic Development and Local Governance Project (EC-UNDP)
DFID	Department For International Development (UK)
DIF	District Investment Fund
DIP	District Initiative Project
DIS	District Information System
District PDRD	District Office of Rural Development
District WP	District Work Plan
DIW	District Integration Workshop
DMC	Department of Media and Communication
DoLA	Department of Local Administration
Dr	Doctor
DWRM	District Office of Water Resource and Meteorology
ECD	Early Childhood education (part of PE)
EMIS	Education Management Information System
Event IC	Celebration of International Days
FDH	Former District Hospital
GTZ	German Society for Technical Cooperation (Gesellschaft für Technische Zusammenarbeit GmbH)
Ha	Hectare
HC	Health Center
HC (NB)	Health Center (no building)
HH	Headed Household
HSI	Intervention for Health
HP	Health Post
HW	Hand Washing
ICC	Inter Commune Council
IFAD	International Fund for Agricultural Development
IND	Industry
Inter-commune	Inter-Commune Project Management Committee or Inter-commune project
IO	International Organization
JICA	Japan International Cooperation Agency
LASED	Land Allocation for Socio-Economic Development
LAU	Local Administration Unit
LGCR	Local Governance for Children's Rights

M&E	Monitoring and Evaluation
MA	Medical Assistant
MAFF	Ministry of Agriculture, Forestry and Fisheries
MEF	Ministry of Economy and Finance
MoEYS	Ministry of Education, Youth and Sports
MoH	Ministry of Health
MoI	Ministry of Interior
MoP	Ministry of Planning
MoWA	Ministry of Women's Affairs
MoWRAM	Ministry of Water Resources and Meteorology
MPA	Minimum Package of Activities
MW1	Primary Midwives
MW2	Secondary Midwives
n/a	Not available
NCD	National Contracts Database
NCDD	National Committee for Sub-National Democratic Development
NGO	Non-Governmental Organization
NREM	Natural Resources and Environment Management
NRML	Natural Resources Management and Livelihood
NU1	Primary Nurse
NU2	Secondary Nurse
OD	Operational District
ODF	Open Defecation Free
Ope. Costs	Operational Costs
Others	Other Staff
PBW	Public Works
PDoEYS	Provincial Department of Education, Youth and Sport
PDRD	Provincial Department of Rural Development
PDWRM	Provincial Department of Water Resource and Meteorology
PE	Parenting Education
PHAST	Participatory Hygiene and Sanitation Transformation
PHD	Provincial Health Department
PID	Project Information Database
PIF	Provincial Investment Fund
PMC	Project Management Committee
Pop 04-05	Population Covered 2004 or 2005
PSDD	Project to Support Democratic Development through Decentralization and Deconcentration
RRD	Rural Road Development
RH	Referral Hospital
RILGP	Rural Investment and Local Governance Project
RPRP	Rural Poverty Reduction Program
RuLIP	Rural Livelihoods Improvement Program
SIDA	Swedish International Development Cooperation Agency
SPPA	Senior Provincial Program Advisor
TBA	Traditional Birth Attendant
UNDP	United Nations Development Project
UNICEF	United Nations Children's Fund
Vil	Village
Vil Cov	Village Covered
VIL-HC	Distance from Village to Health Center
WASH	Water, Sanitation and Hygiene
WRM	Water Resource and Meteorology

## Glossary

**C/S Fund:** The Commune/Sangkat Fund is established and managed by the Government of Cambodia to provide financial support for development projects and administrative costs of Commune/Sangkat Councils. The amount is determined as a percentage of the National Budget (for 2009: 2.8% over the 2008 budget) and is expected to increase gradually over the years. The total 2009 budget under this fund is \$ 27,643,902 (of which \$ 19,272,170 is for Development Projects and \$ 8,371,731 for Administration). Under the Rural Investment and Local Governance Project the World Bank currently reimburses the costs of development projects if these meet the Bank's criteria.

**CDB:** the Commune Data Base is a national database, compiled by the Ministry of Planning, on the basis of detailed questionnaires, completed at village and commune level, which are then sent to the Departments of Planning for data entry. The most recent round of data collection took place at the end of 2008 (and is reflected in the District Data Books). Commune, District and Provincial Profiles can be generated from this database and should be available from provincial Departments of Planning.

**CDPD:** the Commune Development and Planning Database is a database maintained by Departments of Planning and Ministry of Planning, recording proposed activities as determined and prioritized by Commune and Sangkat Councils; the Temporary Agreements between these councils and supporting agencies, as decided at District Integration Workshops and details on projects that actually take place at commune, district and provincial levels.

**CIP:** The Commune Investment Plan is a rolling three-year plan, developed and decided by the Commune or Sangkat Council. It sets priorities and identifies the projects proposed for the years to come.

**Commune and Sangkat:** the Communes (in rural areas) and Sangkats (in urban areas) are the lowest and smallest units of local government. Councils are elected directly, once in five years, for the 1417 Communes and 204 Sangkats. Within these Communes and Sangkat areas there are 14,119 villages, which have Village Chiefs, but do not constitute a formal level of local government.

**DIA/P:** the District Investment Initiative/ Project is jointly supported by the MDLF (Multi-Donor Livelihood Facility (supporting the NRM&L Program) and PSDD. In 2009 it covers 106 districts, 60% of the total in the country, with a budget of \$ 3.2 million. It is focused on capacity development in planning, democratic development, public competitive procurement, financial management and service delivery.

**DIS:** The District Information System is a national database maintained by NCDD, recording resources, staff, revenue, infrastructure and equipment available in the 193 Districts and Khans throughout the country. The last update took place in July 2009.

**District, Municipality and Khan** constitutes the third level of Government in Cambodia. There are 159 rural Districts, 26 Municipalities and 8 Khans of Phnom Penh Capital. They all have Councils which were, for the first time, elected in May 2009, by the Commune/Sangkat Councilors. These councils have a mandate for 5 years.

**DIW:** District Integration Workshops are held between July and October, to bring Commune/Sangkat Councils, looking for support for their projects, together with the governmental and non-governmental agencies that may provide support.

**ICC:** Inter Communes Council projects are executed in 10 provinces under the Democratic and Decentralized Local Governance Project (DDLG). This five year project (2006-2010) is executed by Ministry of Interior and funded by the European Commission and UNDP. The project focuses on improving dialogue partnership and accountability; create a network of Commune Councils at the provincial and national level and support and contribute to local area development for poverty reduction. The work under the ICC component supports investments and services formulated through inter-commune dialogue and planning.

**MEDiCAM:** A non-profit and non-partisan membership organization for NGOs active in Cambodia's health sector. It is the primary networking agency for the country's health-related NGOs.

**NCD:** The National Contracts Database is used for the design of investment projects at provincial and district levels and, once a project is approved, for monitoring the progress of investment projects. The NCD has been continuously adapted for use by different donor projects and currently is used for PSDD, DANIDA NRMLP, UNICEF, IFAD, Canadian CIDA projects. The database was first designed in 2005 and is maintained by the NCDD with quarterly updates.

**NCDD:** the National Committee for sub-National Democratic Development is the inter-ministerial body charged with the implementation of the Organic Law (a key legislative document, adopted in 2008, outlining the envisaged decentralization). NCDD also channels substantial financial assistance by a number of Development Partners, to projects and programs at various levels. This amounted to over \$ 91 million in 2008. More information at: [www.ncdd.gov.kh](http://www.ncdd.gov.kh), this website also provides access to reports, manuals, legal documents, details on projects and more.

**OD:** the Operational Districts are the districts as defined and used by the Ministry of Health. These do not coincide with the 193 (Administrative) Districts and Khans, as used by all other RGC agencies. The Operational Districts are usually larger, and so there are 77 Operational Districts against 193 administrative Districts and Khans. However they do fit within the boundaries of administrative provinces.

**PID:** The Project Information Database is the database maintained by NCDD at national and sub national level, to follow all aspects of projects by Commune and Sangkat Councils, including the C/S Fund projects.

**PIF:** The Provincial Investment Fund is allocated to all Provinces and Municipalities according to a population based formula. Part of the fund is earmarked for support to planning activities of the Provincial / Municipal Department of Planning; and to gender mainstreaming activities of the Provincial Department of Women's Affairs. The remaining "un-earmarked PIF" is allocated by PRDC to sectoral technical departments against established criteria and in response to proposals with prioritisation taking into account: priorities formulated by the CS Councils and aggregated by District into District Priority Activities Matrices (DPAM); alignment with national planning and poverty alleviation criteria, complementarity with other planned activities; and performance of the Department concerned in implementation of activities in previous years. With this provisional allocation, the Department then programs activities through the District Integration Process. Finally, the agreed activities, plus support costs amounting to no more than 25% of the total, are included in a sub-contract signed between PRDC and the Department, pursuant to the overall PSDD contract signed between NCDD and PRDC. Total budget has been around \$ 2 million per year.

**Province:** the 23 Provinces and Phnom Penh Capital City represent the 2<sup>nd</sup> layer of government. They vary in size, from very small, like Kep (approx. 36,000 people) and Pailin (approx. 70,000 people), or large but with small populations, like Mondulakiri (over 60,000 people), and Ratanakiri (over 153,000) to densely populated and large, like Kampong Cham (over 1.7 million people) and Kandal (approx. 1.4 Million people).

**PSDD:** the Project to Support Democratic Development through Decentralization and Deconcentration is funded by DFID (UK), SIDA (Sweden) and UNDP and runs from 2006 till the end of 2010 (including a one year extension). Annual budgets range from \$ 11 million to over \$ 18 million. The project provides core technical support to NCDD and to the provinces, financial support to the C/S Fund, District Initiative, Provincial Investment Fund and capacity building support through training, studies and advisory services.

**RILGP:** The Rural Investment and Local Governance Project is the World Bank funded project that provides substantial support to C/S Fund projects and to developing the required infrastructure, policies, systems and skills needed. It started in 2003 with a Loan for \$ 22 million for 2003-2007 and was then extended with a Grant of \$ 36 million for the period of 2007-2010. Discussions about a possible RILGP 2 are taking place between RGC and the World Bank.

**RPRP:** the Rural Poverty Reduction Project is a seven years project from 2004 till 2010, funded by IFAD and UNDP and implemented through the Ministry of Agriculture, Forestry and Fishery, supported by the Ministry of Interior and facilitated by NCDD. The project is active the provinces Prey Veng and Svay Rieng and focuses on 120,600 households below poverty line. The objective is poverty reduction with the active participation of the poor through improved livelihoods, Strengthened capacity, Sustainable farming systems and natural resource management, new and/or rehabilitated infrastructure development, increase accessibility to technology, services and markets for their economic and social development.

**RULIP:** the Rural Livelihoods Improvement Project is implemented by the Ministry of Agriculture Forestry and Fisheries (MAFF)' Project Support Unit- PSU, with the NCDD playing the role of cooperating agency. Funded by IFAD and UNDP, the project will run till 2014. The target group consists of poor households who have little or even no land, few livestock or other assets and often many dependents. The main goal of the project is to directly or indirectly improve the livelihood systems, food security and incomes of a total of 33,900 rural poor, ethnic minority and female headed households in targeted village of Kratie, Preah Vihear and Ratanakiri provinces in a sustainable manner.

**Seth Koma:** The UNICEF funded Seth Koma program focuses on measurable action for children and women. During 2006 -2010 it is implemented in six provinces. Government and UNICEF pursue a set of inter-related goals, addressing critical stages of the life cycle of the child: a) Mothers have safe pregnancies and deliveries and healthy newborns; b) best possible start in life of infant; c) Children enter schools at the right age of six years; d) Children are protected from exploitation, abuse, violence, discrimination and other risks; and e) Youth and adolescents acquire life skills, express their views, participate in the decisions.



## **Preface**

The Government of Cambodia attaches great importance to optimal use of scarce resources and to participatory planning and management at all levels. The Organic Law which was adopted in 2008 provides the legal context for further steps towards improving and decentralizing planning, management and monitoring, and towards greater accountability and transparency of institutions at sub-national levels.

The Government has established elected Councils at the sub-national levels, and we will progressively give them the responsibilities, together with the human and financial resources, to deliver a wide range of public services. They will be more democratic, more efficient, more transparent and accountable, better at addressing gender and other inequalities, and at fighting corruption. We recognize that development does not come from government alone; it needs the involvement of citizens, civil society and the private sector, and the new system will facilitate this.

A central element in this process is the availability of information on any aspect of development to all concerned parties. The newly elected Councillors at Provincial level, Provincial line departments operating, but also NGOs, Development Partners and citizens throughout Cambodia need information on problems and requirements, resources and opportunities, services and agencies, plans and projects. They will need such information to better understand the present situation, set targets for the future, monitor progress, know what others are doing and to apply resources wisely and this is the reason the Provincial Data books will be so valuable.

The Provincial Data Books are a major step towards full transparency and towards informed planning and decision-making. They provide all available data at Provincial and District level in easily accessible formats, in Khmer and English. This is in addition to the more detailed District Data Books which have been produced for all Districts, which show Commune level information as well.

This is the first time in Cambodia (and possibly in South East Asia) that such detailed information is made so widely available and NCDD should be commended for the hard work that has gone into this. We also thank the Ministry of Planning, which provided the detailed data of the Commune Data Base, the sectoral ministries and provincial authorities who contributed data and the Development Partners who provided financial support.

It is our sincere hope that the publication of the Data Books will strengthen capacities, especially at provincial and district levels, for evidence-based development planning. We also hope that this information will deepen the understanding among Ministries, Provincial Authorities, Development Partners, NGOs and research agencies of the realities at commune and district levels.

We call upon all to use and distribute this information, complement or correct where appropriate and to contribute new data in the years to come.

28<sup>th</sup> March 2010

**Sar Kheng**

Deputy Prime Minister, Minister of Interior  
and Chairman of NCDD





## Introduction

### Purpose

The purpose of the Provincial Data Books is to bring together information on any aspect of life and development of Provinces and Districts, and make this widely available. The primary targets are the newly elected Provincial Councilors, provincial level line departments, other provincial agencies, Development Partners and NGOs operating at this level. They need detailed knowledge on current living conditions, natural resources, infrastructure, agriculture and other economic activities, current service levels, past and planned projects and available resources.

While much information exists on many of the above aspects, it is often hard to access that information and much is lost to reports, databases and statistics that are not widely shared. Data are often only available in one language and often out-of-date, and many reports cover only one sector or region.

We found that these problems are especially acute at the district level and much effort has been put into producing **District Data Books for all Districts, Municipalities and Khans**, which show data at District/Municipality/Khan level and at Commune/Sangkat level. These can be obtained from NCDD or accessed through the NCDD website. However, in the context of decentralization the Provinces may also become a more significant level of local government and development planning, and a source of technical support to district level planning. This creates an urgent need for wide-ranging data to be used for setting base-lines, planning and prioritizing, monitoring and learning.

### Approach

We have attempted to identify and compile all available statistics, reports, maps and other data at province and/or district level. From this we have selected information that is available for all or most provinces, reasonably reliable and up-to-date, sufficiently detailed and of possible interest to development planners, decision makers, agencies and citizens.

The major sources of the information in these Provincial Data Books are:

- a) The Commune Data Base information over the years 2006 to 2009 (the most recent data were collected late last 2008)
- b) Detailed information directly collected from the Ministry of Health, the Ministry of Information, the Ministry of Education, Youth and Sports and (for maps) the Ministry of Land Management, Urban Planning and Construction
- c) The Project Information Database (PID) at NCDD (up-to-date)
- d) The Commune Development and Planning Database (CDPD) (up to date)
- e) The National Contracts Database (NCD) (up to date)
- f) Direct data collection at provincial and district level on private sector, irrigation, roads, and electricity, through provincial agencies
- g) Medical data collected from MediCam
- h) The ID Poor Project – for poverty data on a number of provinces and districts
- i) NCDD's work on predictive poverty rates
- j) Specific projects for project outputs, expenses and budgets (Seth Koma, RILGP, RPRP and ICC)

### Limitations of the data

We are fully aware that the data we collected are not always complete, consistent or correct. While we have rejected information that was wrong or very incomplete, we decided not to aim for statistical and scientific perfection, but to include information that is useful, relevant and comprehensive. We also accepted different sources for the same data as this may encourage discussion on the quality of the respective data.

We strongly encourage anyone who notes errors or incompleteness in these data to contact us and to share their data. We hope that the next round of producing such Provincial Data Books can draw on wider sources and more complete data.

We encourage the Provincial Agencies, who can receive these data also in digital format, not only to use these for their planning and monitoring, but also to start correcting and updating these data and to share new data with NCDD for future use.

## Contents

The information in the following pages is organized in five sections:

**a) Geographical data:** this section provides maps on infrastructure and administration and on land use and natural resources management. These maps are also provided in large format to all Provinces.

**b) Provincial Profile:** this presents wide ranging data, covering 2006 – 2009, at provincial and district level, extracted from the Commune Data Base, but edited for better understanding.

**c) Plans and Projects:** this section presents development priorities determined by Commune and Sangkat Councils, outputs and expenditure of major projects at Province and District level over 2006 – 2008, and plans and budgets for 2009.

**d) Services and Organizations:** this section provides details on key infrastructure (roads and related infrastructure, electricity, irrigation systems) and services in health and education at Province and District level. It also provides information on private sector agencies active in the Province.

**e) Poverty Data:** this section provides predicted poverty rates for 2009 for all districts and communes and detailed poverty data compiled and processed by the ID Poor project for those that have been covered by the project.

## The future

It is our sincere hope that this is the start of a longer-term process. We hope that a next edition of these Provincial Data Books will offer more comprehensive, and up-to-date information. We hope that the Provincial Administrations will not only start using this information, but also improve and update it. For this they are all provided with the full data set in digital format.

We invite agencies, projects and experts to send reports, statistics and maps that could be used for a next version to us and we invite all users of the Provincial Data Books to inform us about errors, updates and inconsistencies. Please contact us through [info@ncdd.gov.kh](mailto:info@ncdd.gov.kh)

We now invite you to browse through this data book. You may open this randomly or use the table of contents and go to the aspects that have your special interest.

We hope that you will be informed, surprised and assisted. We hope, above all, that this information will lead to a deeper understanding of causes and effects of poverty, to purposeful decisions on how to tackle those causes and to greater transparency in using scarce resources for the benefit of all.

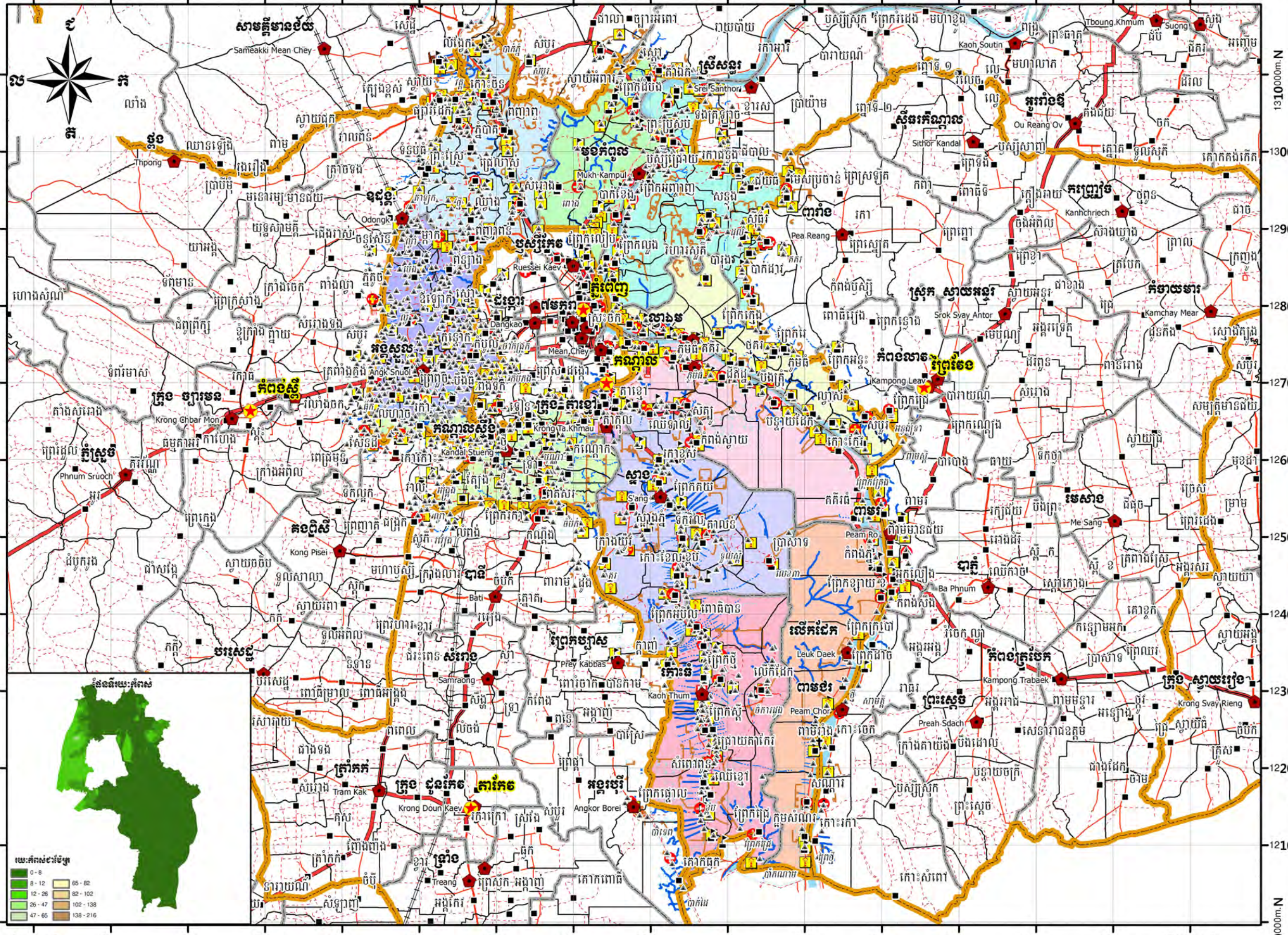
# SECTION A: MAPS



# ផែនទីរដ្ឋបាល និងហេដ្ឋារចនាសម្ព័ន្ធ ខេត្តកណ្តាល

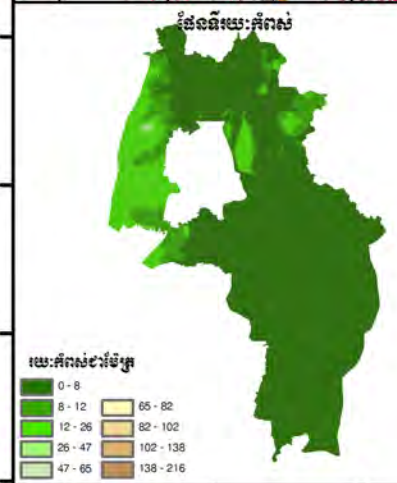
## Administration and Infrastructure of Kandal Province

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**សញ្ញាសម្គាល់**

	សាលាខេត្ត	Province Office
	សាលាស្រុក	District Office
	សាលាឃុំ	Commune Office
	ភូមិ	Village
	មណ្ឌលសុខភាព	Health Center
	មន្ទីរពេទ្យ	Hospital
	វត្ត/វិហារ	Pagoda
	សាលារៀន	School
	វិហារយេស៊ូ	Church
	ប្រៃសណីយ៍	Post Office
	តំបន់ប្រវត្តិសាស្ត្រ/ប្រាសាទ	Historical Site
	ព្រំប្រទល់ខេត្ត	Provincial Boundary
	ព្រំប្រទល់ស្រុក	District Boundary
	ព្រំប្រទល់ឃុំ	Commune Boundary
	ផ្លូវ ចាក់កៅស៊ូ	Sealed Road
	ផ្លូវ គ្រួសក្រហម ឬ គ្រួសធូរ	Laterite Road
	ផ្លូវដីស ឬ ផ្លូវលំ	Unsealed Road
	ផ្លូវទេស ឬ ផ្លូវដើរ	Track
	ផ្លូវក្នុងខេត្ត	Street
	ផ្លូវរថភ្លើង	Railway
	ទន្លេ/ស្ទឹង ទឹកជាប្រចាំ	Permanent River
	ស្ទឹង/អូរមានទឹកនៅរដូវវស្សា	Seasonal Stream
	ប្រឡាយ	Canal
	ប្រឡាយធំ	Major Canal
	ម៉ែន	Levee
	តំបន់សំនៅដ្ឋាន	Built-up area
	ភូមិប្រជាជន	Village



**ប្រភេទគ្រឹះស្ថាន:** ១:៥០,០០០ ២:១០០,០០០ ៣:១៥០,០០០ ៤:២០០,០០០ ៥:២៥០,០០០ ៦:៣០០,០០០ ៧:៣៥០,០០០ ៨:៤០០,០០០ ៩:៤៥០,០០០ ១០:៥០០,០០០

**ស្ថិតិសង្គម:** ១. ប្រជាជន ២. ប្រជាជនក្រីក្រ ៣. ប្រជាជនស្រី ៤. ប្រជាជនប្រុស

**ស្ថិតិសេដ្ឋកិច្ច:** ១. ផលិតផលក្នុងតំបន់ ២. ផលិតផលក្នុងតំបន់កសិកម្ម ៣. ផលិតផលក្នុងតំបន់ឧស្សាហកម្ម និងសាងសង់ ៤. ផលិតផលក្នុងតំបន់សេវា

**ស្ថិតិសង្គម:** ១. ប្រជាជនក្រីក្រ ២. ប្រជាជនស្រី ៣. ប្រជាជនប្រុស

**ស្ថិតិសេដ្ឋកិច្ច:** ១. ផលិតផលក្នុងតំបន់ ២. ផលិតផលក្នុងតំបន់កសិកម្ម ៣. ផលិតផលក្នុងតំបន់ឧស្សាហកម្ម និងសាងសង់ ៤. ផលិតផលក្នុងតំបន់សេវា

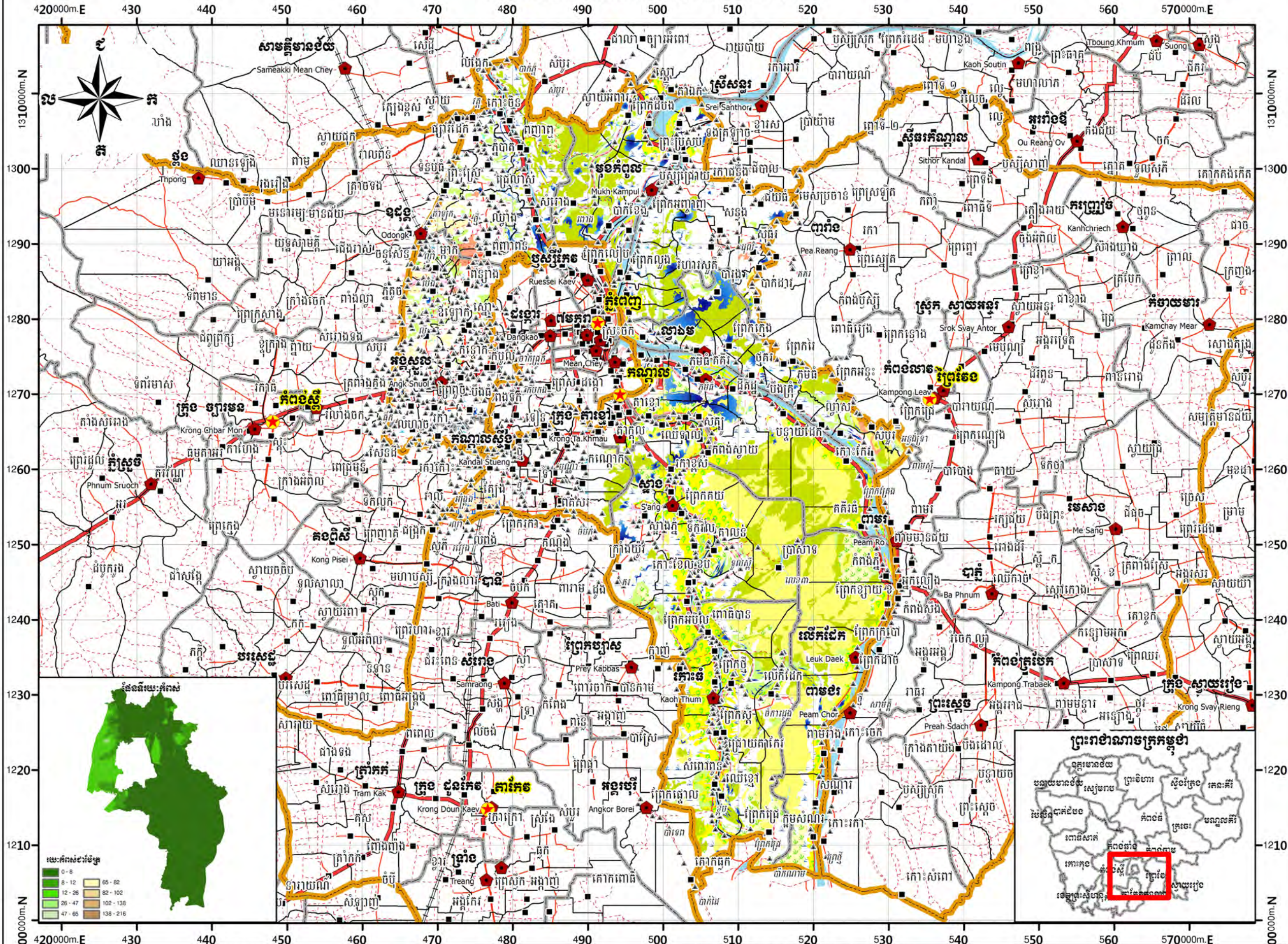
**ស្ថិតិសង្គម:** ១. ប្រជាជនក្រីក្រ ២. ប្រជាជនស្រី ៣. ប្រជាជនប្រុស

**ស្ថិតិសេដ្ឋកិច្ច:** ១. ផលិតផលក្នុងតំបន់ ២. ផលិតផលក្នុងតំបន់កសិកម្ម ៣. ផលិតផលក្នុងតំបន់ឧស្សាហកម្ម និងសាងសង់ ៤. ផលិតផលក្នុងតំបន់សេវា



# ផែនទីប្រើប្រាស់ដី និងធនធានធម្មជាតិ ខេត្តកណ្តាល

Land Use and Natural Resources of Kandal Province



**សញ្ញាសម្គាល់**

	សាលាខេត្ត	Province Office
	សាលាស្រុក	District Office
	សាលាឃុំ	Commune Office
	ភូមិ	Village
	ព្រំប្រទល់ខេត្ត	Provincial Boundary
	ព្រំប្រទល់ស្រុក	District Boundary
	ព្រំប្រទល់ឃុំ	Commune Boundary
	ផ្លូវ ចាក់កៅស៊ូ	Sealed Road
	ផ្លូវ គ្រួសក្រហម ឬ គ្រួសថ្ម	Laterite Road
	ផ្លូវដីស ឬ ផ្លូវលំ	Unsealed Road
	ផ្លូវទេស ឬ ផ្លូវដើរ	Track
	ផ្លូវក្នុងខេត្ត	Street
	ផ្លូវរថភ្លើង	Railway
	តំបន់សំនៅដ្ឋាន	Built-up area
	ភូមិប្រជាជន	Village

**ប្រភេទនៃការប្រើប្រាស់ដី និង ធនធានធម្មជាតិ**  
Types of Land Use and Natural Resources

	ស្រែបង្កាប/ស្រែស្របិល	Shrimp/Fish farming and Salt pond
	ដីសំនៅដ្ឋាន ទីប្រជុំជន	Urban Settlement
	ដីសំនៅដ្ឋាន ភូមិ	Village Settlement
	ដីកប់ខ្មោច	Cemetery
	ស្រូវវស្សា	Wet season rice
	ដីស្រែ ជាមួយភូមិ	Rice with villages
	ស្រូវឡើងទឹក (ស្រូវវារ)	Flooded Rice
	ចំការដំណាំ	Cropland
	ចំការដំណាំប្រែប្រួលទឹក	Irrigated Cropland
	ចំការឈើប្រមូលផ្លែ	Orchard
	ចំការព្រៃដាំ	Timber/Forest Plantation
	ព្រៃដុះឡើងវិញ	Secondary forest
	ព្រៃសិប្បិក	Flooded Forest
	វាលស្មៅ	Grassland
	ចំការបោះបង់ដុះស្មៅ	Abandoned field covered by grass
	វាលស្មៅលិចទឹក	Flooded Grass
	ព្រៃត្រដាត	Shrubland
	ចំការបោះបង់ដុះព្រៃត្រដាត	Abandoned field covered by shrub
	ព្រៃត្រដាតសាយដើមឈើដ៏មួយៗ	Shrubland and scattered trees
	បឹង	Lake
	អាង ឬទំនប់	Reservoir
	ទន្លេ ស្ទឹង អូរ	River
	វាលភក់	Marsh
	ដីដែលគ្មានអ្វីដុះគ្របដណ្តប់	Barren land
	ដីខ្សាច់	Sand bank

**ធានាប្រុងប្រយ័ត្ន:** (គ.ជ.វ.ប)

Projection : Universal Transverse Mercator  
 Zone : 48  
 Vertical Datum : Indian 60  
 Spheroid : Everest  
 Map Unit : Meters

ស្ថាប័នប្រតិបត្តិការ : អគ្គនាយកដ្ឋានគ្រប់គ្រងធនធានទឹក និង រុក្ខាប្រមាញ់  
 ភ្នាក់ងារ : អគ្គនាយកដ្ឋានគ្រប់គ្រងធនធានទឹក និង រុក្ខាប្រមាញ់  
 ឆ្នាំ : ២០០៨

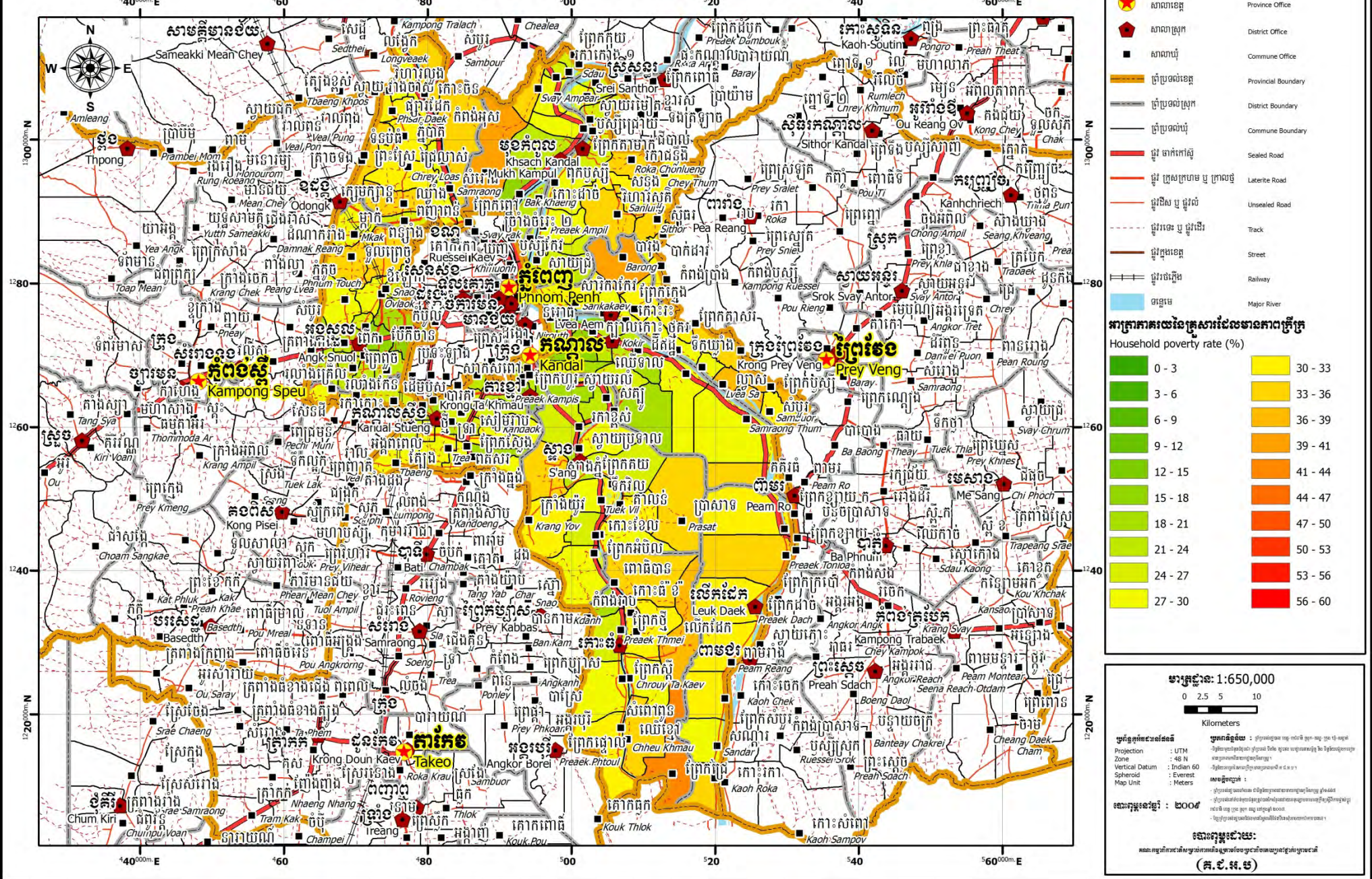
ស្ថាប័នប្រតិបត្តិការ : អគ្គនាយកដ្ឋានគ្រប់គ្រងធនធានទឹក និង រុក្ខាប្រមាញ់  
 ភ្នាក់ងារ : អគ្គនាយកដ្ឋានគ្រប់គ្រងធនធានទឹក និង រុក្ខាប្រមាញ់  
 ឆ្នាំ : ២០០៨





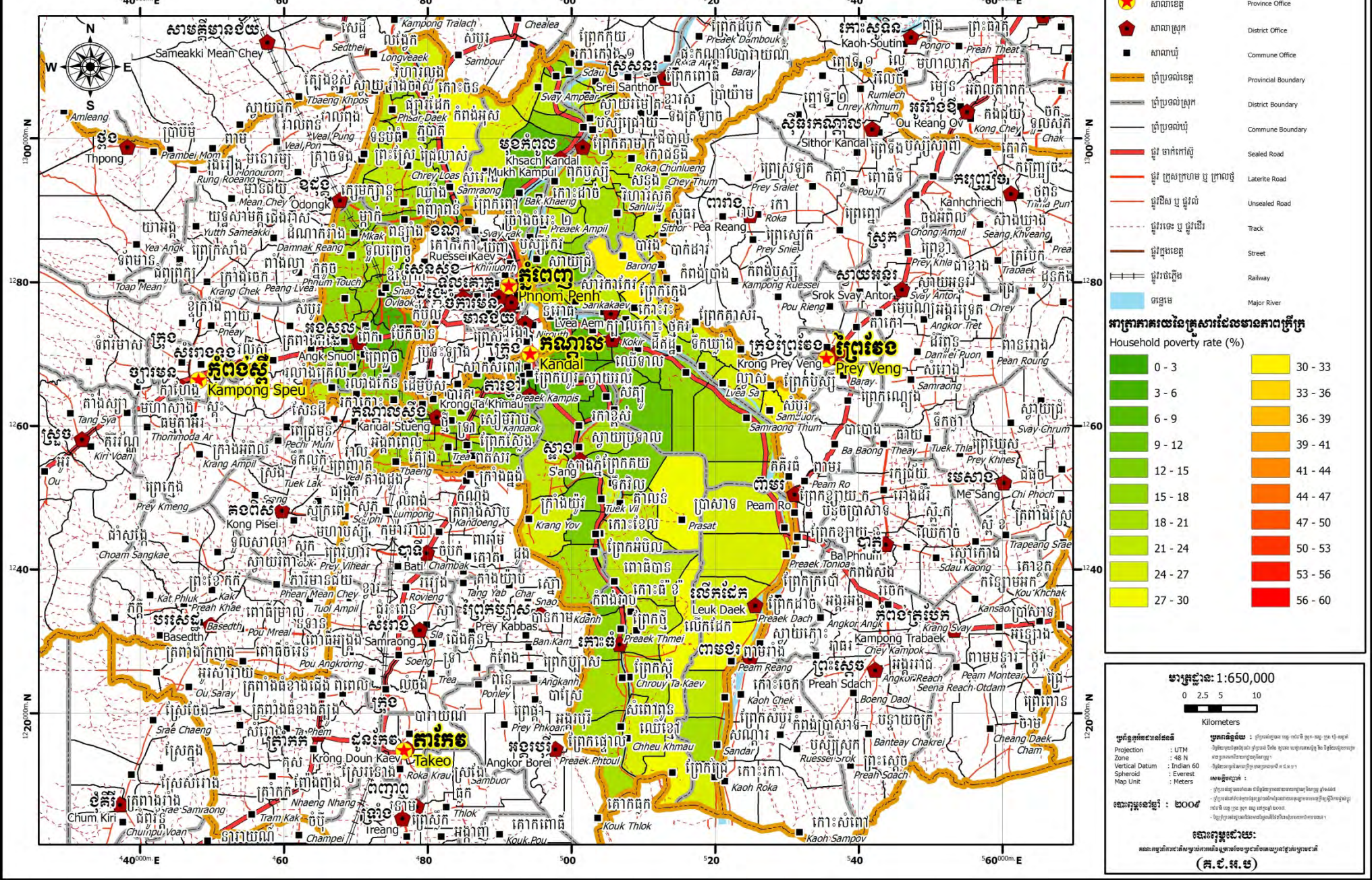
# ផែនទីអាក្រាតនៃភាពក្រីក្រនៅក្នុងឆ្នាំ២០០៤ របស់ខេត្តកណ្តាល

Poverty Rates of Kandal Province in Year 2004



# ផែនទីអាក្រាតនៃភាពក្រីក្រនៅក្នុងឆ្នាំ២០០៩ របស់ខេត្តកណ្តាល

Poverty Rates of Kandal Province in Year 2009





## 4. Land area and distance

### 4.1. Land area by district, mid 2009

District	Total Land Area (ha)	Forest Land Area (ha)		Cultivation Land Area (ha)	Construction Land Area (ha)	Other Land Area (ha)
		Total	Flooded Forest Area			
Kandal Stueng	25,065	-	-	13,214	10,478	1,374
Kien Svay	38,211	8,222	615	10,771	4,335	14,883
Khsach Kandal	35,254	2,185	2,185	19,905	4,039	9,125
Kaoh Thum	48,800	14,552	13,041	17,479	5,980	10,789
Leuk Daek	37,216	16,808	16,808	7,546	1,008	11,854
Lvea Aem	26,092	1,746	1,746	10,425	990	12,931
Mukh Kampul	24,649	4,574	4,574	10,681	3,185	6,209
Angk Snuol	29,415	420	-	11,208	7,303	10,484
Ponhea Lueu	25,154	7,503	6,500	13,621	1,054	2,976
S'ang	51,496	6,147	6,147	22,900	3,949	18,500
Ta Khmau	3,178	-	-	1,572	1,281	325
<b>Total</b>	<b>344,530</b>	<b>62,157</b>	<b>51,616</b>	<b>139,322</b>	<b>43,602</b>	<b>99,450</b>

Source: District Information System, DoLA

### 4.2. Land used area by category, 2006

Land Type	Area in Ha
Urban Settlement	109.17
Village Settlement	19,741.94
Cemetery	29.90
Wet season rice	95,038.55
Rice with villages	5,111.32
Flooded Rice	41,207.13
Cropland	2,653.39
Irrigated Cropland	35,497.39
Orchard	40.71
Timber/Forest Plantation	0.18
Secondary forest	54.59
Flooded Forest	45,933.96
Grassland	2,330.85
Abandoned field covered by grass	13,521.87
Flooded Grass	43,977.28
Shrubland	6,770.37
Abandoned field covered by shrub	6,966.62
Shrubland and scattered trees	373.74
Lake	14,121.74
Reservoir	169.04
River	22,230.39
Marsh	62.98
Shrimp/Fish farming	0.05
Barren land	109.42
Sand bank	151.05

Source: GIS data, Land Used 2006, MLMUPC

### **4.3. Distances between District Center and Provincial Town**

<b>District</b>	<b>Distance in Km</b>
Kandal Stueng	15
Kien Svay	24
Khsach Kandal	46
Kaoh Thum	56
Leuk Daek	79
Lvea Aem	32
Mukh Kampul	32
Angk Snuol	45
Ponhea Lueu	44
S'ang	18
Ta Khmau	1

**Source:** Provincial Administration

## **SECTION B: PROVINCIAL PROFILE<sup>1</sup>**

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<sup>1</sup> All data in this section come from the Commune Database (CDB) unless otherwise specified. These include primarily new CDB data, collected late 2008, and some data from earlier years.



## 5 General Information

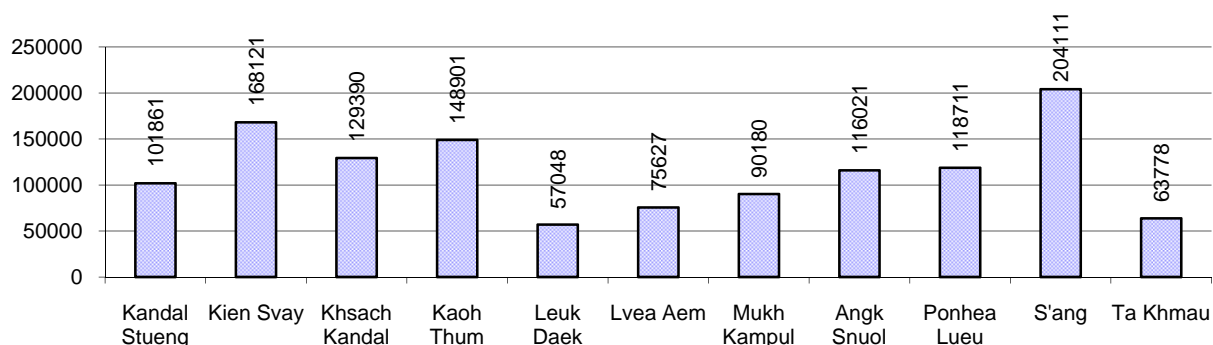
### 5.1 Population of the Province

#### 5.1.1 Total Population

Number of families	2005	2006	2007	2008
Total number of families	233,789 families	238,362 families	245,524 families	250,112 families
Increase (+)/Decrease (-) in nr of families		2%	3%	2%
Total population	1,214,802 pers	1,238,976 pers	1,280,443 pers	1,273,749 pers
Increase (+)/Decrease (-) in nr of people		2%	3%	-1%
Number of female Headed Households (HH)	38,779 families	39,049 families	38,650 families	38,941 families

**Note:** Percentages of population and increase/decrease are calculated on basis of the previous year. A negative sign in front of the percentage indicates a decrease in population.

#### 5.1.2 Population, by District, in 2008



#### 5.1.3 Population, by Age Group, 2006-2008

Population by age group	2006	2007	2008	
	%	%	%	Number
<b>Age 0-5 years (as percentage of the population)</b>	12%	12%	12%	149,427 persons
Male 0-5 yrs	50%	50%	50%	74,566 persons
Female 0-5 yrs	50%	50%	50%	74,861 persons
<b>Age 6-17 (as percentage of the population)</b>	29%	28%	27%	347,453 persons
Male 6-17 yrs	51%	51%	51%	176,032 persons
Female 6-17 yrs	49%	49%	49%	171,421 persons
<b>Age 18-60 (as percentage of the population)</b>	52%	53%	53%	676,761 persons
Male 18-60 yrs	48%	49%	49%	329,294 persons
Female 18-60 yrs	52%	51%	51%	347,467 persons
<b>Age 61 above (as percentage of the population)</b>	7%	7%	8%	100,108 persons
Male 61	46%	47%	46%	46,219 persons
Female 61	54%	53%	54%	53,889 persons

**Note:** The overall percentage for each age group is calculated on the basis of the total population. The gender distribution of each group is calculated on the basis of the population within that particular age group.

## 5.2 Occupations

### 5.2.1 Percentage of families with a particular Occupation, 2006-2008

This table shows the percentage of the population who have a particular occupation (job), for example the percentage of the population in the district who are rice farmers, furniture crafter, trader, etc.

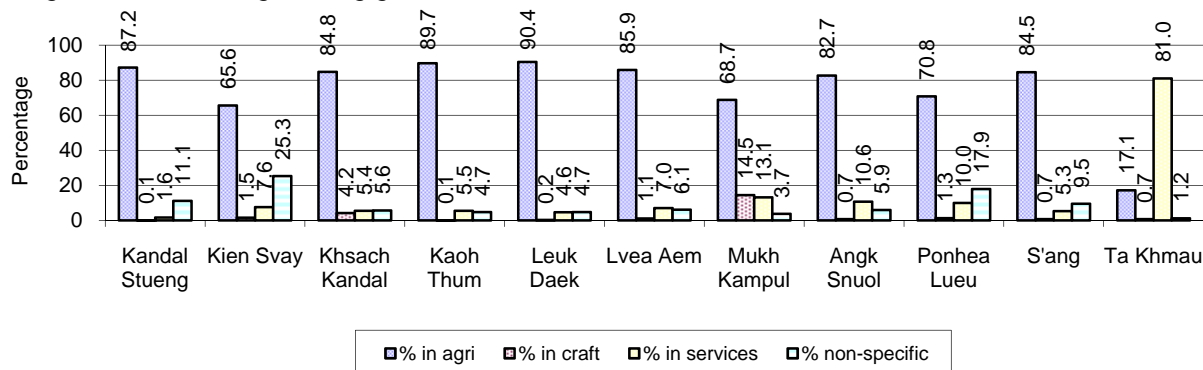
Description	2006	2007	2008	
	%	%	%	Number
<b>Families whose main occupation is agriculture</b>	77%	77%	77%	193,358 Families
Families whose primary occupation is rice farming	56%	55%	54%	134,052 Families
Families whose primary occupation is cultivating long-term crops	3%	4%	4%	10,640 Families
Families whose primary occupation is cultivating short-term crops	10%	10%	11%	28,058 Families
Families whose primary occupation is cultivating vegetable	4%	4%	4%	9,686 Families
Families whose primary occupation is fisherman	4%	3%	4%	9,194 Families
Families whose primary occupation is livestock farmer	1%	1%	1%	1,656 Families
Families whose primary occupation is NTFP collection	0%	0%	0%	72 Families
<b>Families whose main occupation is craft work</b>	2%	2%	2%	5,311 Families
Families, whose main occupation is in furniture craft, wooden, rattan, vine, bamboo	0%	0%	0%	271 Families
Families whose main occupation is in metal, aluminum, glass goods production	0%	0%	0%	137 Families
Families whose main occupation is food production	0%	0%	0%	154 Families
Families whose main occupation is tire, plastics and rubber goods production	0%	0%	0%	4 Families
Families whose main occupation is textile, clothing goods production	2%	2%	2%	4,154 Families
Families whose main occupation is in other production, not listed above	0%	0%	0%	591 Families
<b>Families whose main occupation is services</b>	10%	9%	11%	26,448 Families
Families whose main occupation is trade	5%	4%	4%	11,221 Families
Families whose main occupation is repair	1%	1%	1%	2,171 Families
Families whose main occupation is providing transport services	2%	2%	2%	4,052 Families
Families whose main occupation is providing other services	3%	2%	4%	9,004 Families
<b>Families whose main occupation is not clear (or multi)</b>	10%	12%	10%	24,995 Families

**Note:** The occupation percentages are calculated on the basis of the total number of families.



### 5.2.2 Percentage Families that work in one of four occupational sectors, by District in 2008

This table indicates the percentage of families involved in one of four occupation types: agriculture, craft, services or non-specific (other). Please note agriculture includes forestry activities such as cutting down trees and gathering gum from the trees.



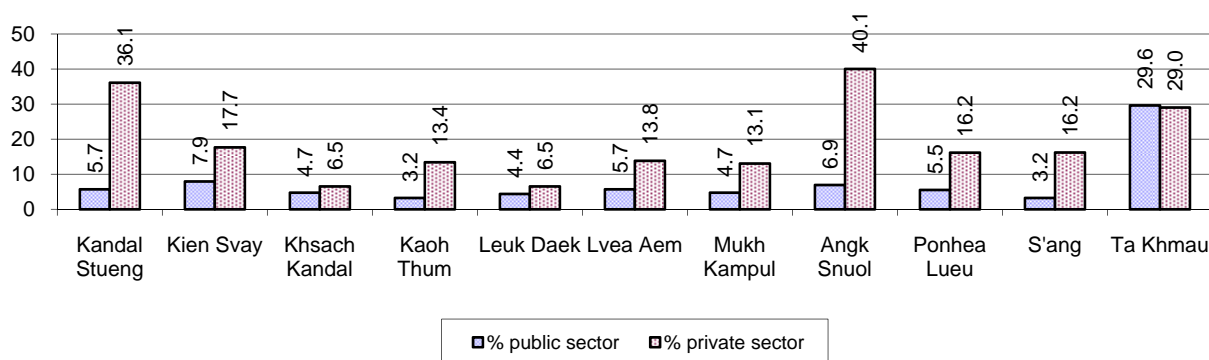
Note: Calculated on the basis of the total number of families within a province.

### 5.2.3 Percentage of Families with public Sector, private Sector or uncertain Jobs, 2006-2008

Description	2006	2007	2008	
	%	%	%	Number
Families that have a family member who is a government official, staff or worker	6%	6%	6%	15,955 families
Families that have a family member who is a private sector staff or worker	17%	16%	19%	46,853 families
Number of people aged 18-60 with uncertain/irregular jobs	4%	4%	3%	18,696 persons

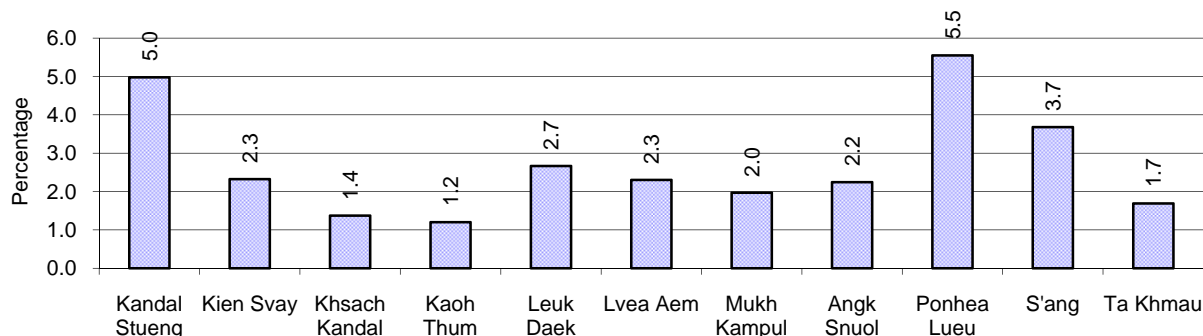
Note: In the first two rows percentages are calculated on the basis of the total number of families. In the third row the percentage is calculated on the basis of the total number of people aged 18-60 years.

### 5.2.4 Percentage of Families with public or private Sector Jobs, by District in 2008



Note: Calculated on the basis of the total number of families in the district

### 5.2.5 Percentage of People aged 18-60 years with uncertain/irregular Jobs, by District, in 2008.



## 5.3 Property

### 5.3.1 Housing types and facilities, 2006-2008

This table shows the percentage of people living in a certain type of house. It also indicates how many houses have electricity or battery powered lights and how many have TV.

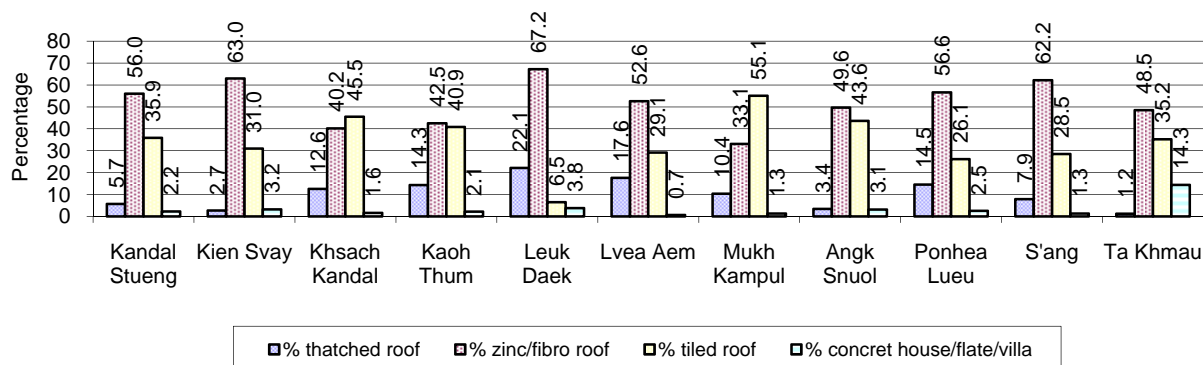
House Type	2006	2007	2008	
	%	%	%	Number
House with thatched roof	15 %	12 %	9 %	21,100 houses
House with zinc/fibro roof	49 %	51 %	52 %	116,867 houses
House with tiled roof	33 %	34 %	35 %	78,283 houses
Flats/apartments (with many families living)	1 %	0 %	1 %	1,136 houses
Concrete house or flat (with one family living)	2 %	2 %	2 %	4,876 houses
Villa house	0 %	0 %	0 %	615 houses
Houses with electricity	27 %	30 %	38 %	83,590 houses
Houses with battery light	68 %	68 %	61 %	134,930 houses
Houses with TV	82 %	87 %	89 %	197,807 houses

Note: Calculated against the total number of houses

### 5.3.2 Families living on public Land or without a permanent House

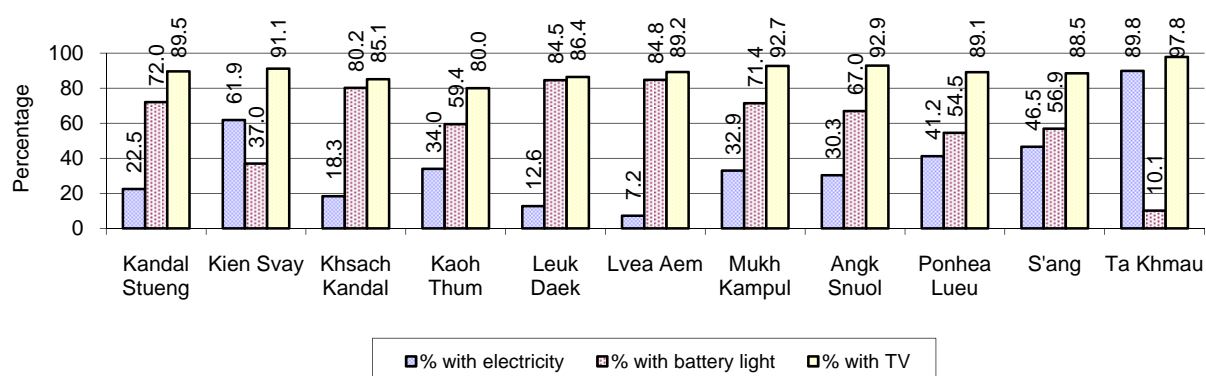
Living situation	2006	2007	2008
Families living in a house on public land	4,380 families	3,865 families	4,008 families
People, without permanent housing	414 person(s)	490 person(s)	369 person(s)

### 5.3.3 Percentage of Population living in a particular type of House, by District, in 2008



Note: Calculated against the total number of houses in each district

### 5.3.4 Percentage of Houses with Electricity, Battery Lights and/or TVs, by District, in 2008



**Note:** Calculated against the total number of houses in each district

### 5.3.5 Types of Vehicles and their ratio to Families, 2006-2008

This table shows the number of families per vehicle in the province. The last column shows the total number of each type of vehicle in the province for 2008.

Description	2006 ratio	2007 ratio	2008	
			Ratio	Number
Bicycle and bicycle with trailer	2	1	1	174,814
Ox-carts and horse-carts	9	9	10	24,962
Motorbike/with trailer	2	2	2	127,531
Motor tri-cycle	399	541	350	714
Large Transportation				
<b>Total number of cars/trucks</b>	32	27	23	10,898
Locally made vehicles	570	479	447	560
Trucks for goods transport	87	74	61	4,101
Buses/mini buses for passengers	248	243	233	1,072
Family cars	70	57	48	5,165
Agriculture machinery				
Tractors used for plowing	435	414	372	672
Power-tillage used for plowing	134	96	75	3,337
Other type of machinery				
Other type of machinery	977	352	298	839
Water transportation				
Row boats	8	8	8	30,569
<b>Total number of motor boats</b>	15	16	18	14,134
Motor boats used for fishing	18	18	20	12,384
Motor boats used for passengers	822	1,116	1,244	201
Motor boats used for goods transporting	108	130	161	1,549

**Note:** Ratio of families to a particular type of vehicle is the result of the total number of families divided by total number of that type of vehicle. Other types of vehicles, such as bulldozer, excavator, rollers etc. are not listed.

## 6 Infrastructure and Economy

### 6.1 Roads in meters, 2006-2008

Description	2006	2007	2008
Bituminous road	74,414 m	72,901 m	60,650 m
DBST, Macadam road	65,365 m	42,856 m	92,508 m
Concrete road	2,750 m	1,113 m	1,058 m
Laterite road	799,517 m	851,183 m	888,492 m
Constructed earth road	444,344 m	628,436 m	637,041 m
Un-constructed earth road	697,297 m	619,678 m	485,128 m

### 6.2 Sewerage Pipes in meters, 2006-2008

Description	Sewerage pipe length		
	2006	2007	2008
Total length of sewerage pipe, diameter 30-50 cm	12,781 m	14,761 m	40,046 m
Length of newly constructed sewerage pipe, diameter 30-50 cm	5,749 m	8,344 m	8,802 m
Length of sewerage pipe, diameter 30-50 cm needs repair/rehabilitation	1,804 m	543 m	621 m
Total length of sewerage pipe, diameter of pipe 60-100 cm	38,298 m	40,121 m	23,555 m
Length of newly constructed sewerage pipe, diameter 60-100 cm	6,859 m	9,455 m	13,183 m
Length of sewerage pipe, diameter 60-100 cm needs repair/rehabilitation	395 m	385 m	5,184 m
Sewerage pipe, diameter of pipe over 100 cm	436 m	6,227 m	5,939 m
Length of newly constructed sewerage pipe, diameter over 100 cm	101 m	127 m	1,103 m
Length of sewerage pipe, diameter over 100 cm needs repair/rehabilitation	27 m	2,520 m	2,005 m

### 6.3 Drainage and Bridges

Construction Type	2006		2007		2008	
	place(s)	Length	place(s)	Length	place(s)	Length
Single pipe culvert	749	8,153m	697	13,994 m	632	8,418 m
Double-pipe culvert	95	3,326m	79	2,372 m	67	783 m
Box pipe culvert	40	298m	48	248m	58	440 m
Wooden bridge	85	2,693m	92	2,590m	85	1,945 m
Concrete bridge	283	4,664m	274	4,689m	270	4,726 m
Bale bridge	66	2,594m	72	2,323m	53	1,549 m
Spillway construction	22	414m	24	357m	15	4,142 m

## 6.4 Services in the Province

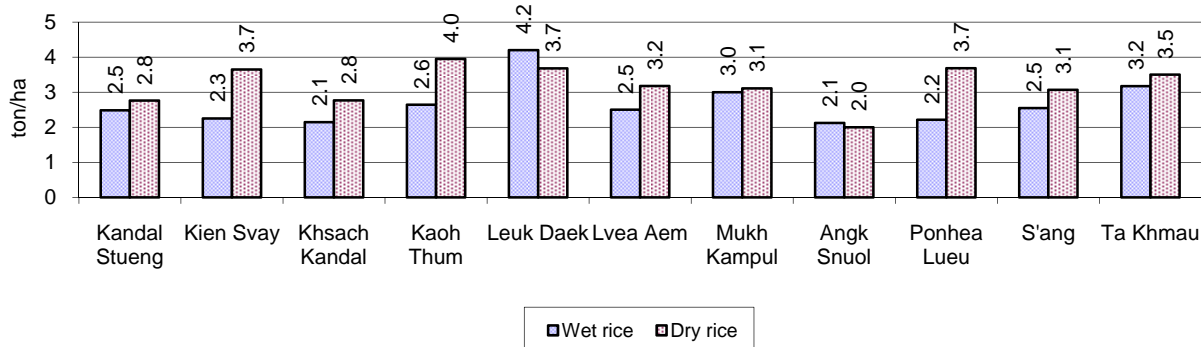
Descriptions	Number of places by year		
	2006	2007	2008
<b>Public</b>			
Electricity generating stations	155	129	118
Health clinics	31	44	43
<b>Private</b>			
Bicycle and motorcycle repair places	1,093	1,191	1,502
Agricultural machinery, tools and equipment repair places	79	102	123
Electronic tool repair places	212	216	231
Battery-charging services	767	759	756
Handicraft places, wooden furniture and forest by-products	129	101	109
Other handicraft places (excluding furniture)	214	585	498
Small-scale services (hairdresser, phone service, massage, Karaoke, etc)	1,022	1,000	1,076
Small-scale food shop businesses (Food, groceries, drink shop, etc)	1,713	1,970	2,025
Small-scale rice mills	1,442	1,503	1,544
Medium or large-scale rice mills	149	137	126
Small-scale markets	93	103	97
Large-scale market	13	11	11
Alcohol refinery places	1,106	899	909
Pharmacies and small drug stores	151	174	158
Hotels	0	16	1
Guest houses	222	61	55
Restaurants	32	33	54
Gasoline stations	58	54	62

## 6.5 Agriculture

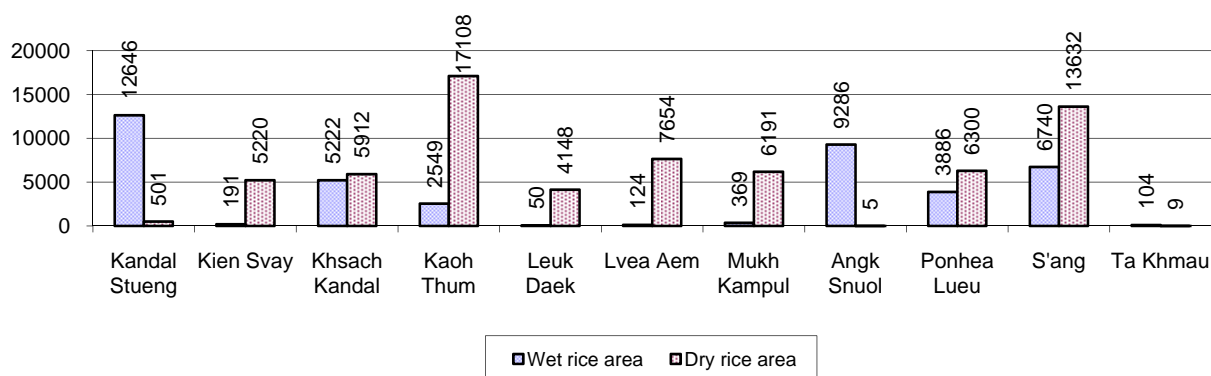
### 6.5.1 Rice cultivation in the Province, 2006-2008

Description	2006	2007	2008
Total dry rice land area	72,607 ha	89,127 ha	83,534 ha
Actual dry rice cultivation area	63,371 ha	66,933 ha	66,680 ha
% actual cultivation to total land	87%	75%	80%
Total dry rice production	191,295 tonne(s)	212,692 tonne(s)	218,603 tonne(s)
Average dry rice yield	3.0 tonne(s)/ha	3.2 tonne(s)/ha	3.3 tonne(s)/ha
<b>Wet Rice</b>			
Total wet rice land area	47,394 ha	44,084 ha	44,952 ha
Actual wet rice cultivation area	43,166 ha	40,528 ha	41,167 ha
% actual cultivation to total land	91 %	92%	92%
Total wet rice production	99,010.07 tonne(s)	94,514.51 tonne(s)	100,129.06 tonne(s)
Average wet rice yield	2.3 tonne(s)/ha	2.3 tonne(s)/ha	2.4 tonne(s)/ha
<b>Intensive Rice</b>			
Total intensive rice land area	6,114 ha	7,629 ha	8,837 ha
Actual intensive rice cultivation area	16,271 ha	18,588 ha	26,132 ha
Average intensive rice yield	2.6 tonne(s)/ha	2.3 tonne(s)/ha	2.8 tonne(s)/ha
<b>Upland Rice</b>			
Actual upland rice cultivation area	2,556 ha	912 ha	1,089 ha
Total upland rice production	7,193 tonne(s)	1,557 tonne(s)	3,131 tonne(s)
Average upland rice yield	2.8 tonne(s)/ha	1.7 tonne(s)/ha	2.9 tonne(s)/ha

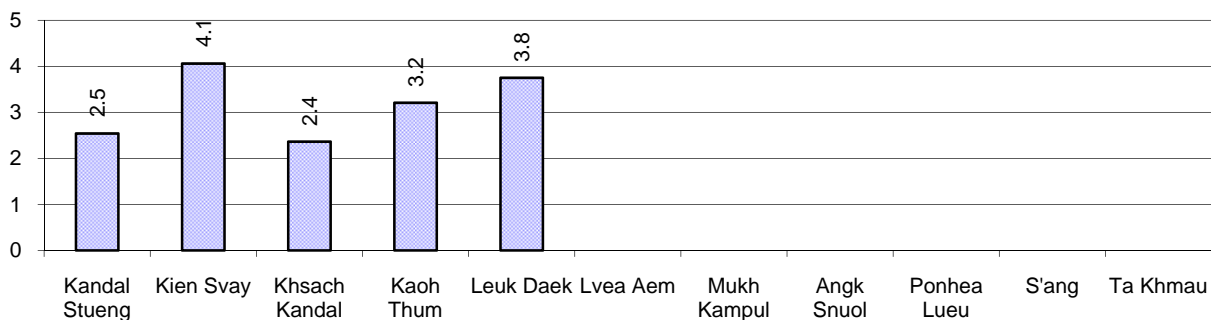
### 6.5.2 Estimated wet and dry Season Rice Yield in tonne(s)/Ha, by District, in 2008



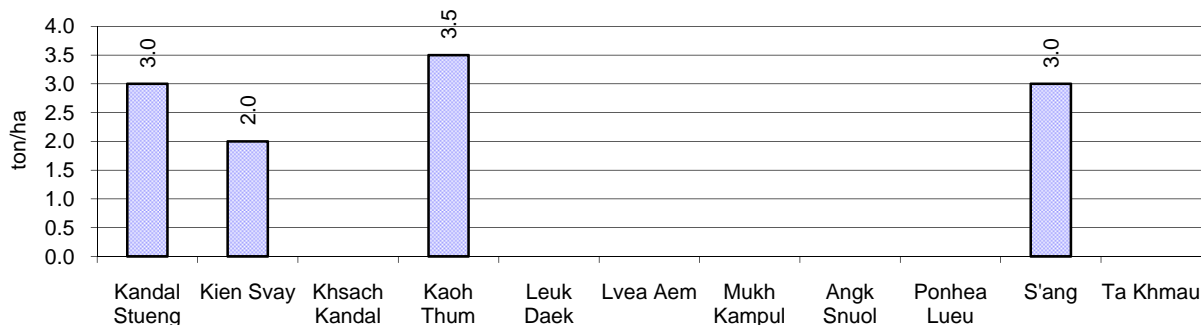
### 6.5.3 Cultivated wet and dry Season Rice areas in Ha, by District, in 2008



### 6.5.4 Estimated intensive Rice Yields in tonnes/Ha, by District, for 2008



### 6.5.5 Estimated upland Rice Yield in tonnes/Ha, by District, for 2008

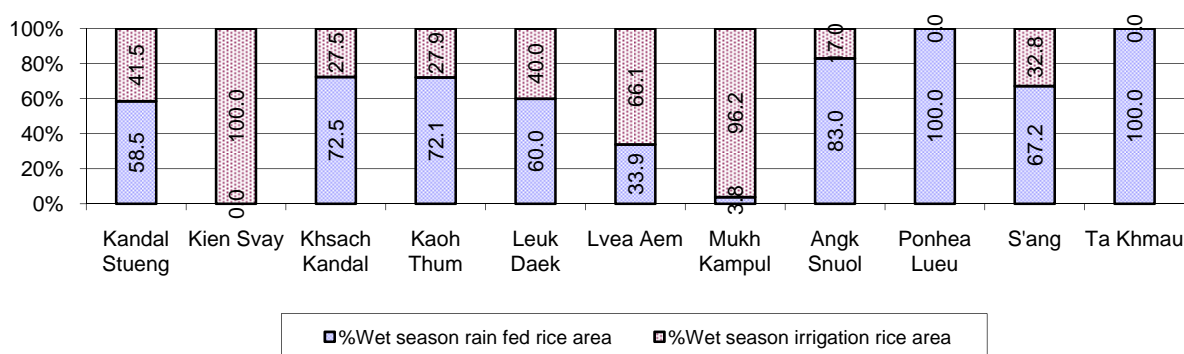


### 6.5.6 Wet season Rice irrigation, 2006-2008

Description		2006 %	2007 %	2008	
				%	Number
Total area of wet season rain fed rice land		63%	69%	71 %	29,330 ha
Percentage of wet season rice land that is irrigated; and for 2008 area in Ha		37 %	31 %	29 %	11,837 ha
Where	Area irrigated from canal/dam	81 %	79 %	79 %	9,345 ha
	Area irrigated from river, stream, lake, natural pond	15 %	20 %	17 %	2,026 ha
	Area irrigated from drilled well	3 %	1 %	4 %	441 ha
	Area irrigated from dug pond	1 %	0 %	0 %	25 ha

### 6.5.7 Water sources for wet Season Rice Cultivation, by District, in 2008

This chart shows the percentage of wet season rice cultivation receiving water from rain (natural) and from irrigation.



### 6.5.8 Access to Irrigation

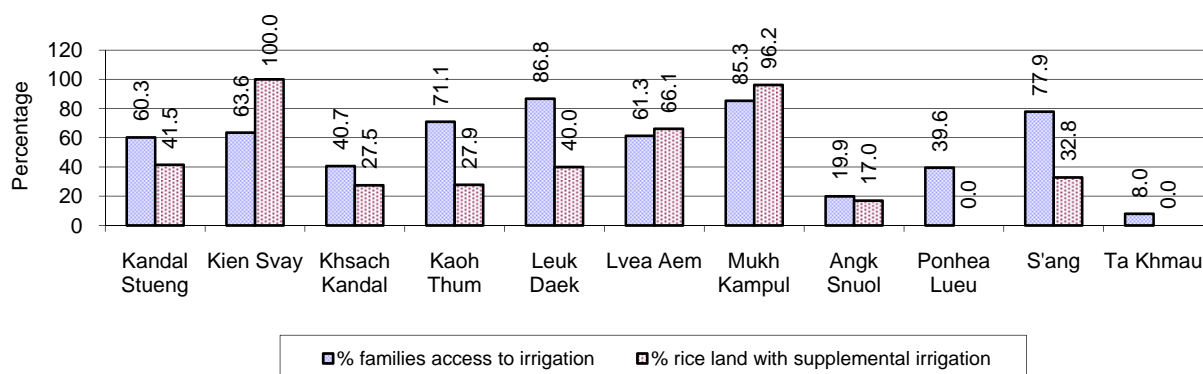
Description	2006 %	2007 %	2008	
			%	Number
Families who have access to irrigation water	56%	56%	56%	75,247 families
Families who have irrigation wells	7%	7%	6%	8,466 families

Note: Calculated against the total number of families are rice farmers

### 6.5.9 Number of Irrigation Wells, 2006-2008

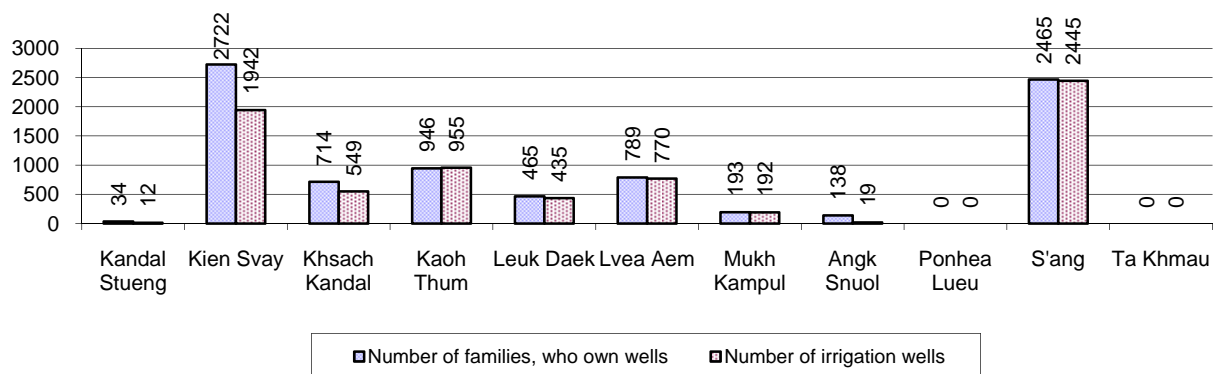
Description	2006	2007	2008
Number of irrigation wells	5,740 wells	7,125 wells	7,319 wells

### 6.5.10 Percentage of Families with access to (supplemental) Irrigation for wet Season Rice cultivation, by District, in 2008



Note: % of families, with access to irrigation is calculated against the total number of families, whose main occupation is rice farming. Irrigated wet rice land area is calculated against the total actual wet rice land cultivated areas

### 6.5.11 Irrigation Wells, by District, in 2008

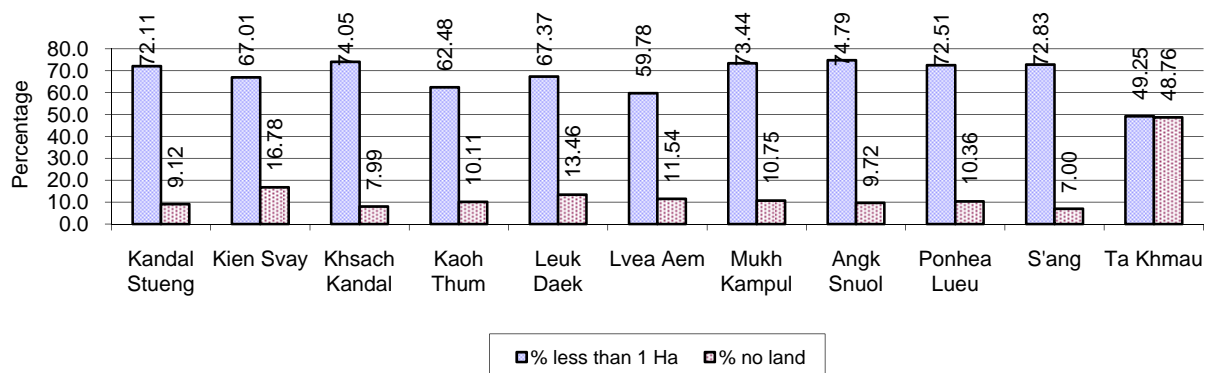


### 6.5.12 Farmers owning less than one hectare of Rice Land

Description	2006	2007	2008	
	%	%	%	Number
Families who have less than one hectare of rice land	64%	70%	71%	94,553 families
Families who do not own any rice land	8%	9%	10%	13,321 families

**Note:** Calculated on basis of total number of families who are rice farming

### 6.5.13 Percentage of Farmers with less than one Hectare or no Rice Land, by District, in 2008



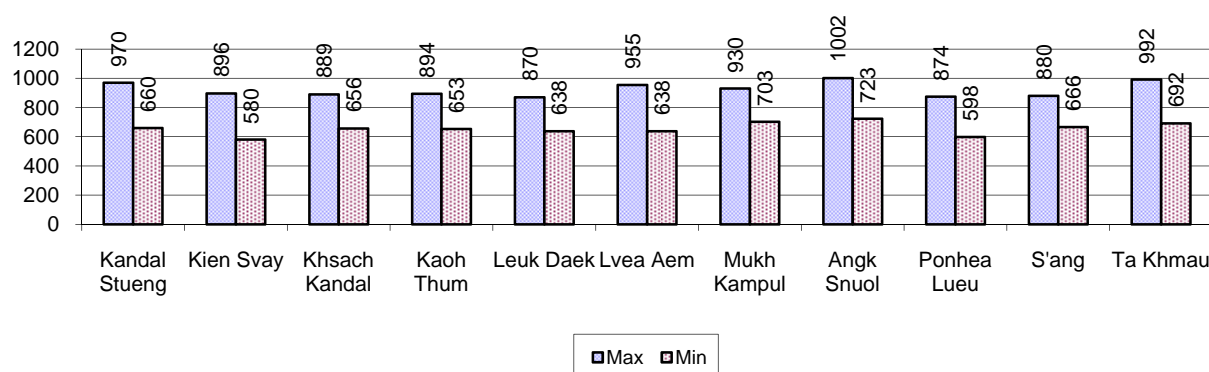
**Note:** Calculated on basis of total number of families who are rice farming

### 6.5.14 Average farm-gate Prices of Rice, 2006-2008

Description	2006	2007	2008
Maximum average farm gate price	591 Riels/Kg	759 Riels/Kg	925 Riels/Kg
Minimum average farm gate price	454 Riels/Kg	591 Riels/Kg	655 Riels/Kg
Average farm gate price	523 Riels/Kg	675 Riels/Kg	790 Riels/Kg
Average rice production per person	253 Kg/person	256 Kg/person	273 Kg/person

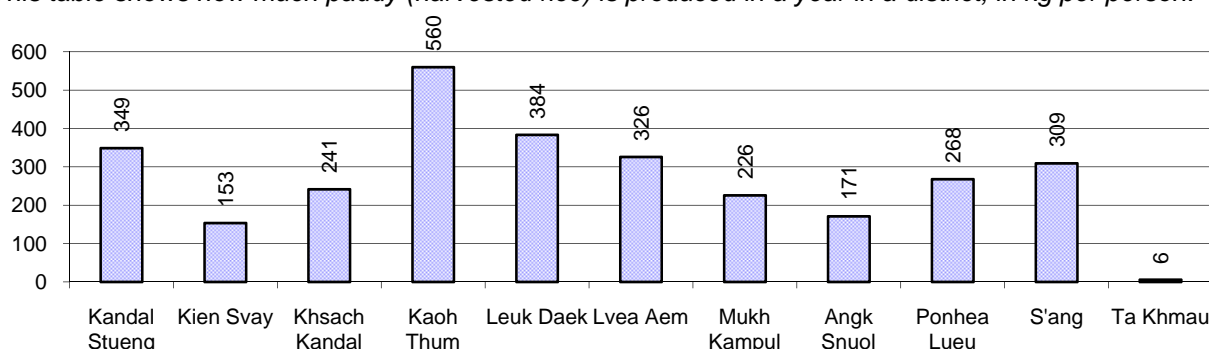


### 6.5.15 Minimum and maximum farm-gate Prices of Rice in Riel/kg, by District, in 2008



### 6.5.16 Production of Paddy in Kg/Person, by District, in 2008

This table shows how much paddy (harvested rice) is produced in a year in a district, in kg per person.

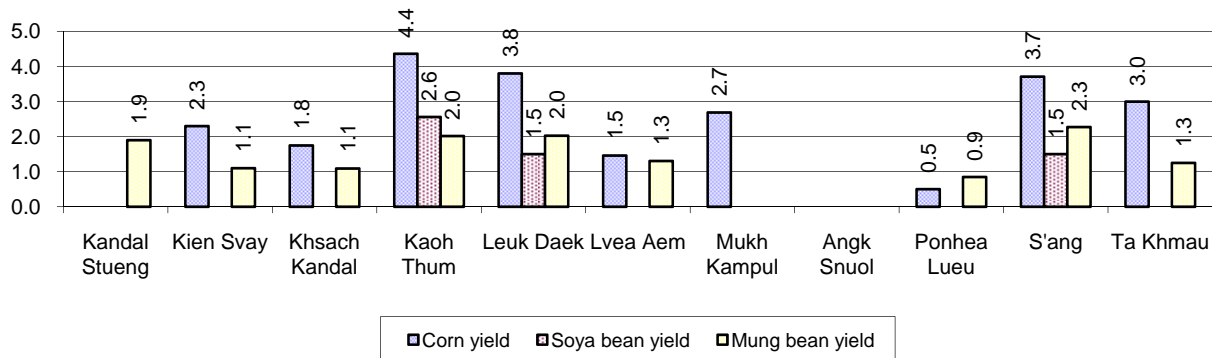


### 6.5.17 Production of other Crops, 2006-2008

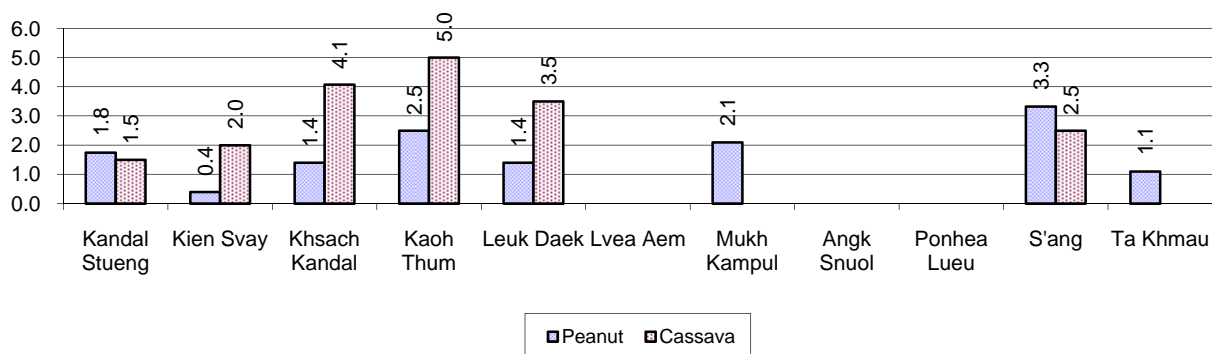
Crops	2006	2007	2008
Corn cultivation area	25,250 ha	12,073 ha	11,457 ha
Estimated corn yield	2.7 tonne(s)/ha	3.2 tonne(s)/ha	3.0 tonne(s)/ha
Estimated corn production	68,164 tonne(s)	38,103 tonne(s)	34,786 tonne(s)
Soya bean cultivation area	6,486 ha	491 ha	725 ha
Estimated Soya bean yield	1.6 tonne(s)/ha	1.8 tonne(s)/ha	2.1 tonne(s)/ha
Estimated Soya bean production	10,378 tonne(s)	900 tonne(s)	1,514 tonne(s)
Mungbean cultivation area	3,780 ha	3,824 ha	3,365 ha
Estimated Mungbean yield	1.8 tonne(s)/ha	1.7 tonne(s)/ha	1.6 tonne(s)/ha
Estimated Mungbean production	6,984 tonne(s)	6,312 tonne(s)	5,550 tonne(s)
Peanut cultivation area	860 ha	728 ha	842 ha
Estimated Peanut yield	2.5 tonne(s)/ha	2.6 tonne(s)/ha	2.1 tonne(s)/ha
Estimated Peanut production	2,179 tonne(s)	1,907 tonne(s)	1,769 tonne(s)
Cassava cultivation area	71 ha	80 ha	58 ha
Estimated Cassava yield	5.1 tonne(s)/ha	2.6 tonne(s)/ha	3.3 tonne(s)/ha
Estimated Cassava production	366 tonne(s)	210 tonne(s)	191 tonne(s)
Sweet potatoes cultivation area	443 ha	437 ha	426 ha
Estimated Sweet potatoes yield	3.9 tonne(s)/ha	3.6 tonne(s)/ha	4.1 tonne(s)/ha
Estimated Sweet potatoes production	1,727 tonne(s)	1,589 tonne(s)	1,751 tonne(s)
Sesame cultivation area	569 ha	526 ha	852 ha

Crops	2006	2007	2008
Estimated Sesame yield	0.9 tonne(s)/ha	1.0 tonne(s)/ha	1.0 tonne(s)/ha
Estimated Sesame production	519 tonne(s)	541 tonne(s)	859 tonne(s)

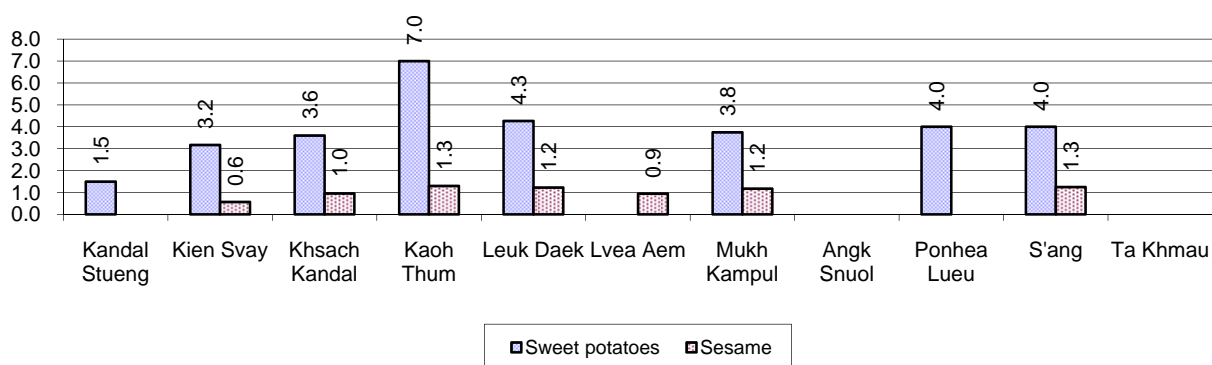
### 6.5.18 Yields of Corn, Soya beans and Mungbeans in tonne(s)/ha, by District, in 2008



### 6.5.19 Yields of Peanuts and Cassava in tonne(s)/ha by District, in 2008



### 6.5.20 Yields of Sweet Potatoes and Sesame in tonne(s)/ha, by District, in 2008



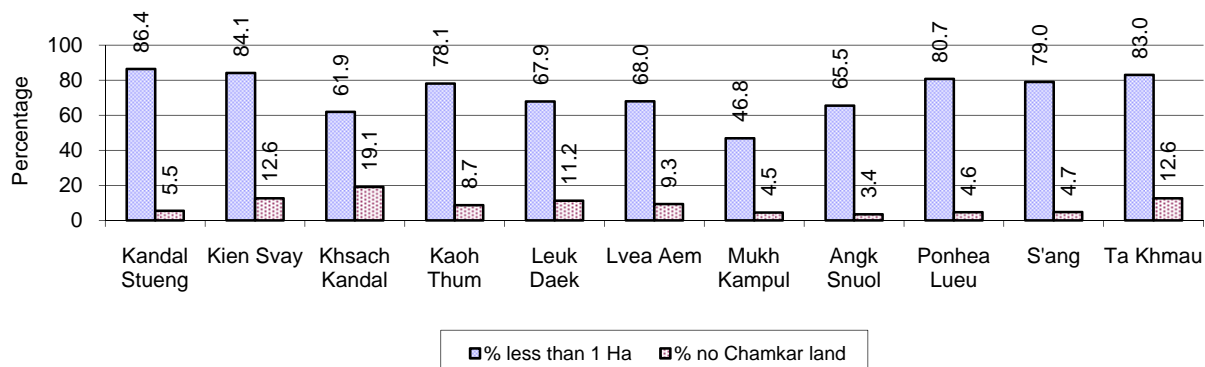
### 6.5.21 Percentage Farmers who own less than 1 Ha or no Chamkar land

Description	2006	2007	2008	
	%	%	%	Number
Families, who own less than 1ha of Chamkar land	63%	75%	76%	36,628 families
Families, with no Chamkar land	8%	9%	9%	4,574 families

**Note 1:** Calculated as a percentage of the total number of families whose main occupation is Chamkar (not rice) farming

**Note 2:** Chamkar land is no-rice land, i.e. other crops

### 6.5.22 Percentage Farmers owning less than 1 ha or no Chamkar land, by District, in 2008



**Note:** Percentage is calculated among families, who Chamkar farm as a main occupation, not the total population of the district.

### 6.5.23 Percentage of Families raising Cattle/Bufalo, 2006-2008

Description	2006	2007	2008	
	%	%	%	Number
Families raising cattle/buffalo	39%	39%	37%	91,895 families
Families raising cattle/buffalo as labor forces	14%	13%	13%	31,305 families

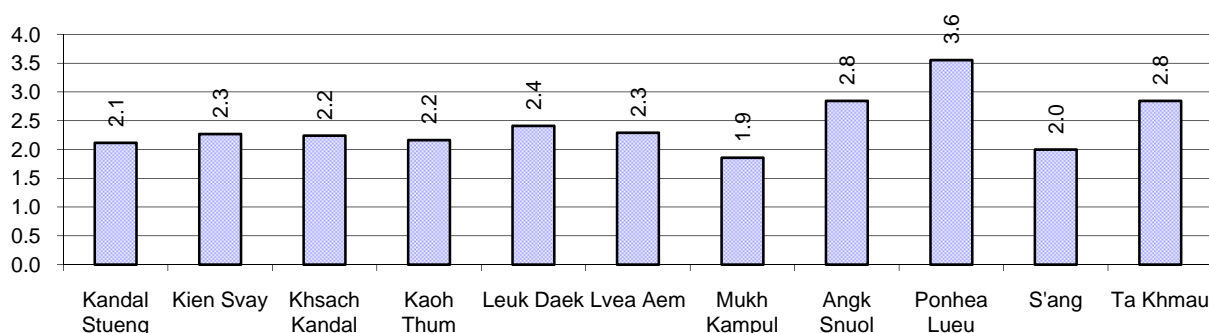
**Note:** Calculated against the total number of families.

### 6.5.24 Number of Cattle/buffalo being raised, 2006-2008

Description	2006	2007	2008
Total number of cattle/buffalo	214,394 head(s)	225,163 head(s)	217,042 head(s)
Average cattle/buffalo per families	2.3 head(s)/families	2.4 head(s)/families	2 head(s)/families

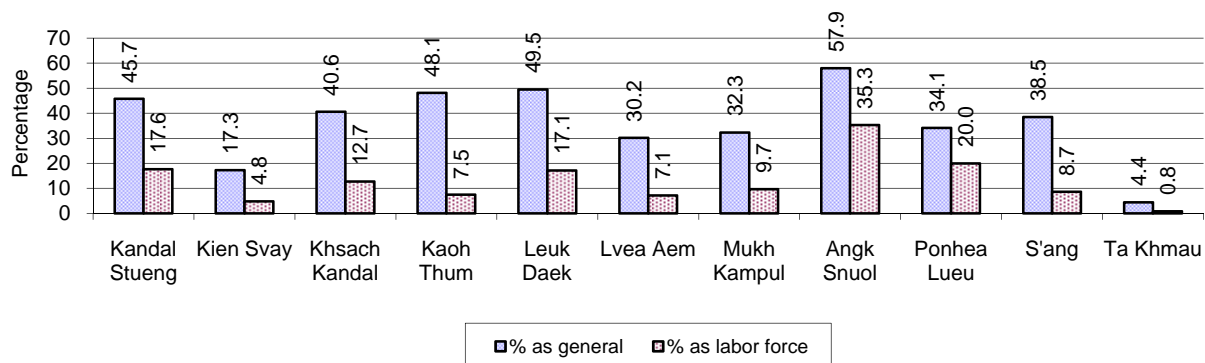
**Note:** Calculated by dividing total number of cattle/buffalo by total number of cattle/buffalo raising families

### 6.5.25 Average number of Cattle/Bufalo per Family, by District, in 2008



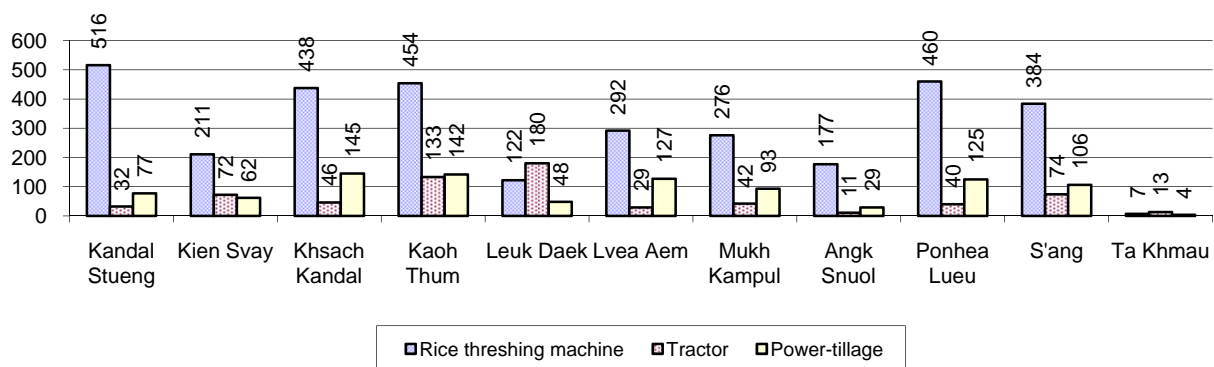
**Note:** Calculated by dividing total number of cattle/buffalo by total number of cattle/buffalo raising families

### 6.5.26 Percentage Families raising Cattle/Buffalo, for general and labor purposes in 2008, by Commune



**Note:** Calculated using the total number of families raising cattle/buffalo against the total number of families.

### 6.5.27 Type and number of agricultural Machines, by District, in 2008

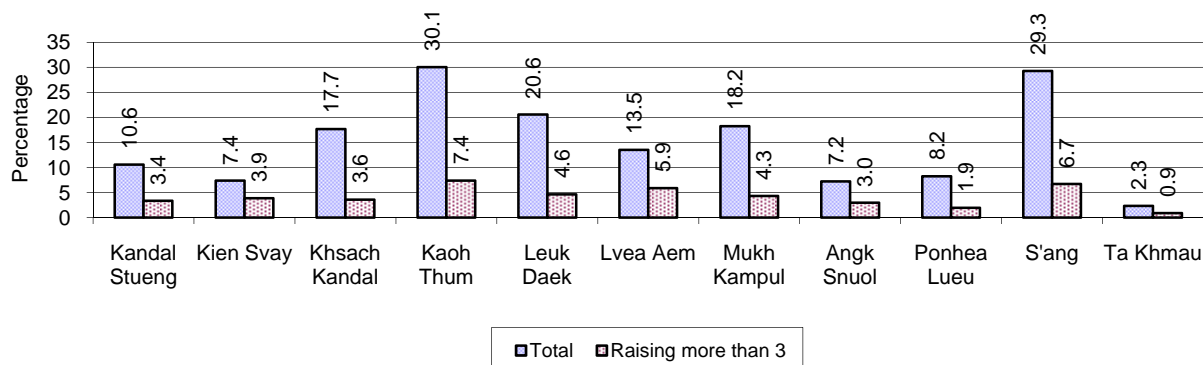


### 6.5.28 Livestock-producing Households, 2006-2008

Description	2006	2007	2008	
	%	%	%	Number
Total number of families raising pigs	23%	19%	16%	40,646 families
number of families raising more than 3 pigs	6%	5%	4%	11,055 families
Total number of families raising chickens	67%	68%	67%	168,098 families
number of families raising more than 3 chickens	47%	48%	48%	119,024 families
Total number of families raising ducks	6%	5%	5%	12,550 families
number of families raising more than 5 ducks	3%	3%	3%	7,633 families
Total number of families raising goats or sheep	0%	0%	0%	308 families
Total number of families raising horses	1%	1%	1%	1,777 families

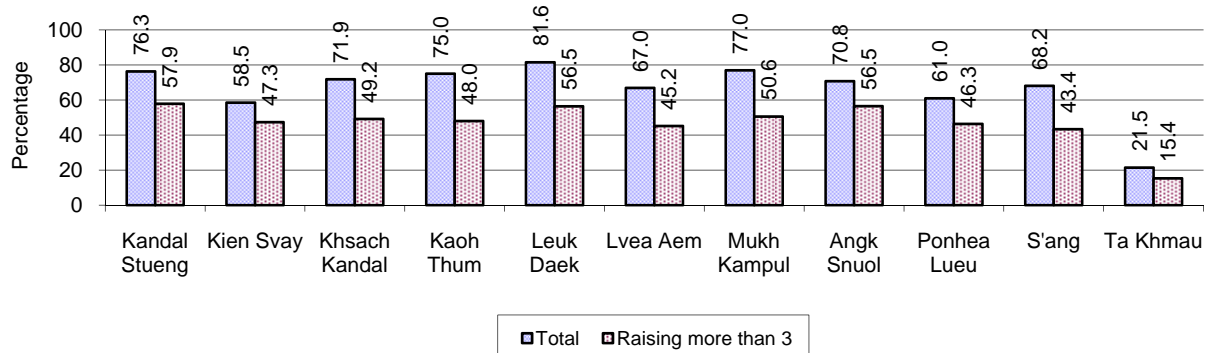
**Note:** Calculated against the total number of families

### 6.5.29 Percentage Families raising Pigs, by District, in 2008



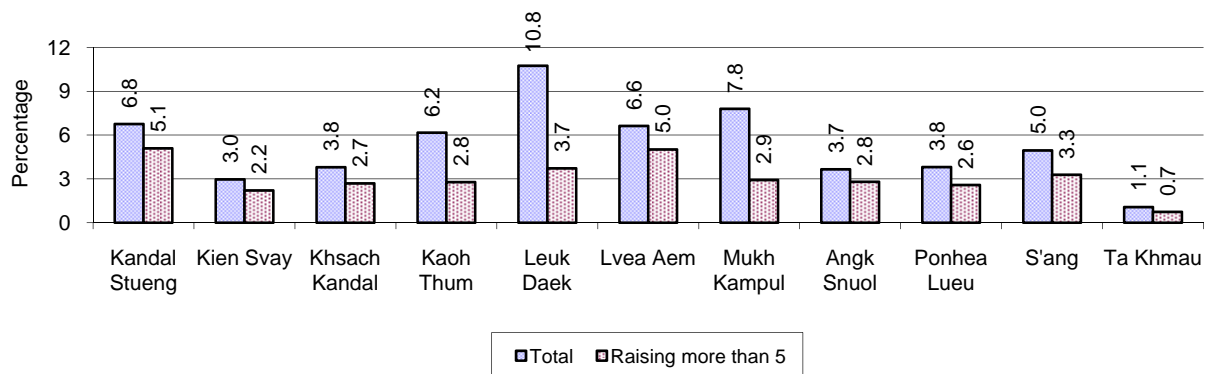
**Note:** Calculated against the total number of families in the district

### 6.5.30 Percentage Families raising Chickens, by District, in 2008



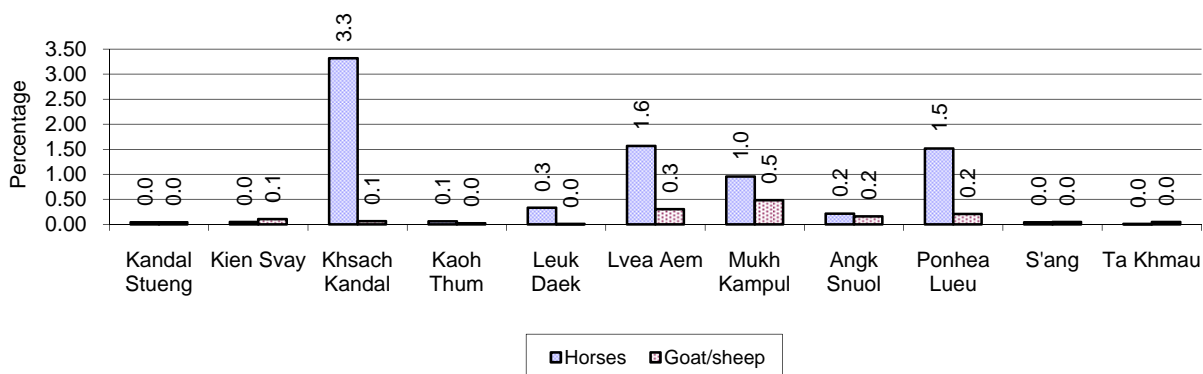
**Note:** Calculated against the total number of families in the district

### 6.5.31 Percentage Families raising Ducks, by District, in 2008



**Note:** Calculated against the total number of families in the district

### 6.5.32 Percentage Families raising Horses, Goats or Sheep, by District, in 2008

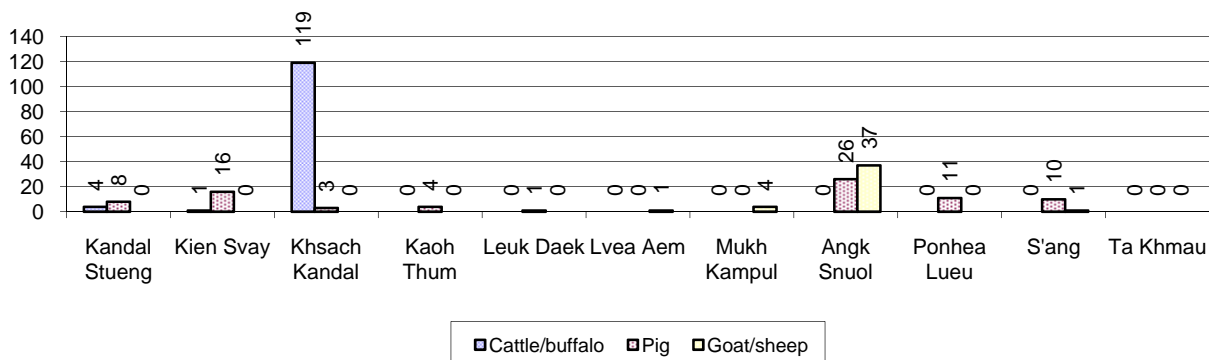


**Note:** Calculated against the total number of families in the district

### 6.5.33 Livestock Farms, 2006-2008

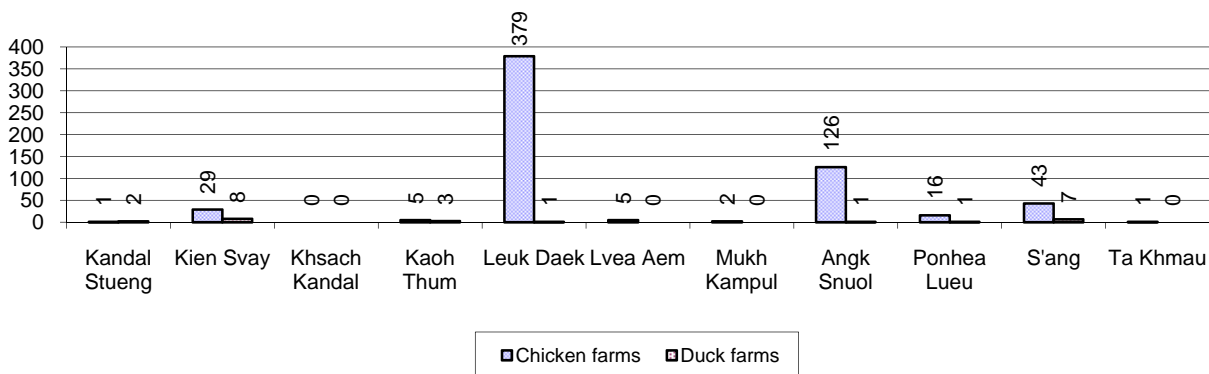
Description	2006	2007	2008
Number of cattle/buffalo farms	140 farm(s)	235 farm(s)	124 farm(s)
Number of pig farms	191 farm(s)	133 farm(s)	79 farm(s)
Number of goat/sheep farms	22 farm(s)	39 farm(s)	43 farm(s)
Number of chicken farms	212 farm(s)	578 farm(s)	607 farm(s)
Number of duck farms	106 farm(s)	52 farm(s)	23 farm(s)

### 6.5.34 Number Livestock Farms, by District in 2008



**Note:** Number of farms are recorded by the village chief, not by counting number of livestock in each farm

### 6.5.35 Number Chicken and Duck Farms, by District, for 2008



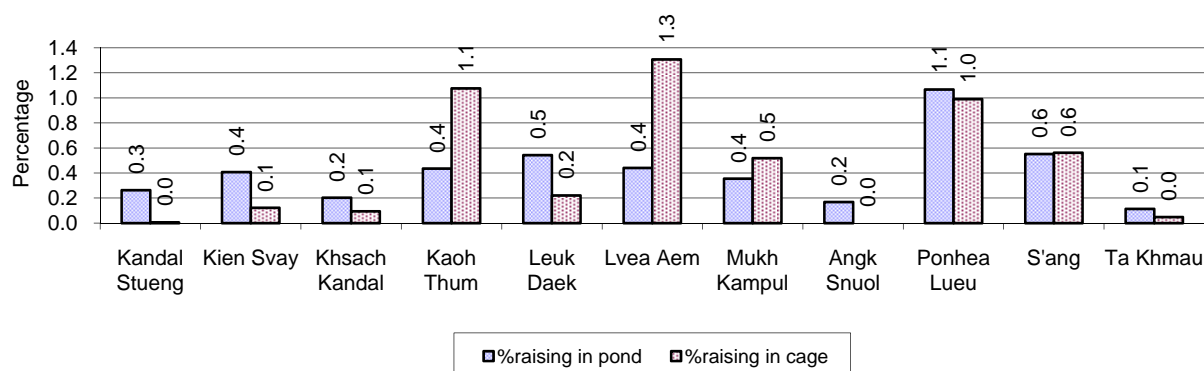
**Note:** Number of farm places recorded by village chief, not by counting number of livestock in each farm

### 6.5.36 Families raising Fish, 2006-2008

Description	2006	2007	2008
Total number of families raising fish	1,833 families	2,066 families	2,201 families
% families raising fish	1%	1%	1%
Number families raising fish in pond	1,090 families	1,086 families	1,065 families
% families raising fish in pond	0%	0%	0%
Number fish pond	1,051 pond(s)	1,191 pond(s)	1,239 pond(s)
No. of ponds per family	1.0 pond/families	1.1 pond/families	1.2 pond/families
Number of families raising fish in cage	743 families	980 families	1,136 families
%families raising fish in cage	0%	0%	0%
Number of fish cage	806 cage(s)	1,035 cage(s)	1,182 cage(s)
No. of fish cage per family	1.1 cage /families	1.1 cage /families	1.0 cage /families

**Note:** % of families raising fish or fish in ponds or cages is calculated a percentage of the total number of families.

### 6.5.37 Percentage of Families raising Fish, by District, in 2008



**Note:** Calculated as a percentage of the total number of families in the commune.

### 6.5.38 Shrimp and Prawn Farming, 2006-2008

Description	2006	2007	2008
Number of families raising shrimps	1 families	0 families	0 families
% Families raising shrimps	0%	0%	0%
Number of shrimp ponds	1 pond	0 pond	0 pond
Total area raising shrimps	1 ha	0 ha	0 ha
Area per family	1ha/families	-ha/families	-ha/families
Number of families raising prawns	17 families	0 families	0 families
% families raising prawns	0%	0%	0%
Number prawn ponds	8 pond	0 pond	0 pond
Ponds per families	1 pond/families	-pond/families	-pond/families
Number of prawn cages	7 cage	0 cage	0 cage
Cages per families	0 cage /families	0 cage /families	0 cage /families

**Note:** Percentage of families raising either prawns or shrimp is calculated against the number of families, who do aquaculture farming, NOT the total population.

### 6.5.39 Numbers of Families raising Shrimps and number of Shrimp Ponds, by District, in 2008

There were no families raising shrimps in this province in 2008

### 6.5.40 Number of Families raising Prawn and Number of Prawn Ponds/Cages, by District, in 2008

There were no families raising prawn in this province in 2008

## 7 Social Aspects

### 7.1 Education

#### 7.1.1 Kindergarten in the Province, 2006-2008

Description	2006	2007	2008
Number of community kindergarten schools	37 school(s)	44 school(s)	33 school(s)
Number of community kindergarten class rooms	52 room(s)	69 room(s)	53 room(s)
Number of community kindergarten classes	43 class(es)	62 class(es)	62 class(es)
Number of community kindergarten teachers	62 person(s)	69 person(s)	52 person(s)
Number of women community kindergarten teachers	54 women	58 women	45 women
Number of state and private kindergarten schools	120 school(s)	112 school(s)	134 school(s)
Number of state and private kindergarten class rooms	221 room(s)	181 room(s)	233 room(s)
Number of state and private kindergarten classes	246 class(e)s	187 class(es)	236 class(es)
Number of state and private kindergarten teachers	246 person(s)	236 person(s)	266 person(s)
Number of women state and private kindergarten teachers	236 women	231 women	261 women

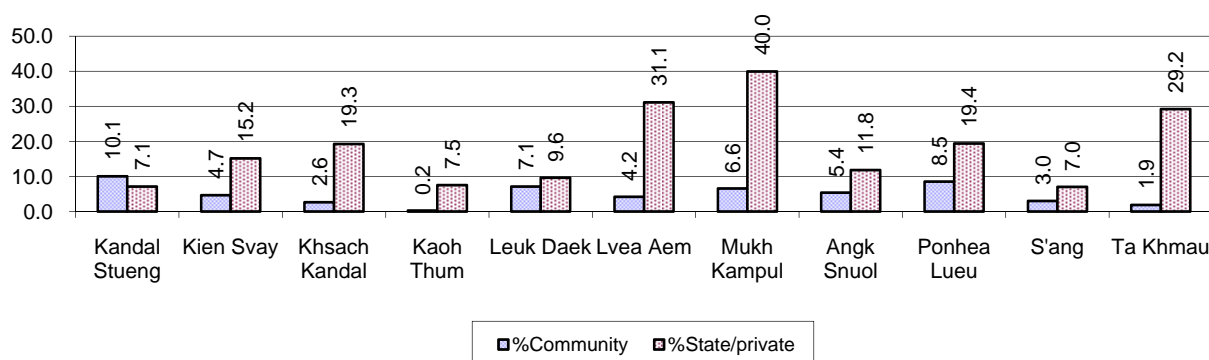
#### 7.1.2 Percentage enrolment at Kindergarten level, 2006-2008

This table shows the percentage of the total 3-5 year old population attending kindergarten.

Description	2006 %	2007 %	2008	
			%	Number
Total percentage of children, 3-5 yrs, go to kindergarten	19%	19%	21%	18,635 person(s)
Percentage of children, 3-5 yrs, go community kindergarten	5%	5%	5%	4,306 person(s)
Percentage children, 3-5 yrs, go state/private kindergarten	14%	15%	16%	14,329 person(s)

**Note:** Calculated against the total for that age group

#### 7.1.3 Percentage of Children 3-5 yrs attending Kindergarten, by District, in 2008



#### 7.1.4 Basic Education, 2006-2008



**Primary School**

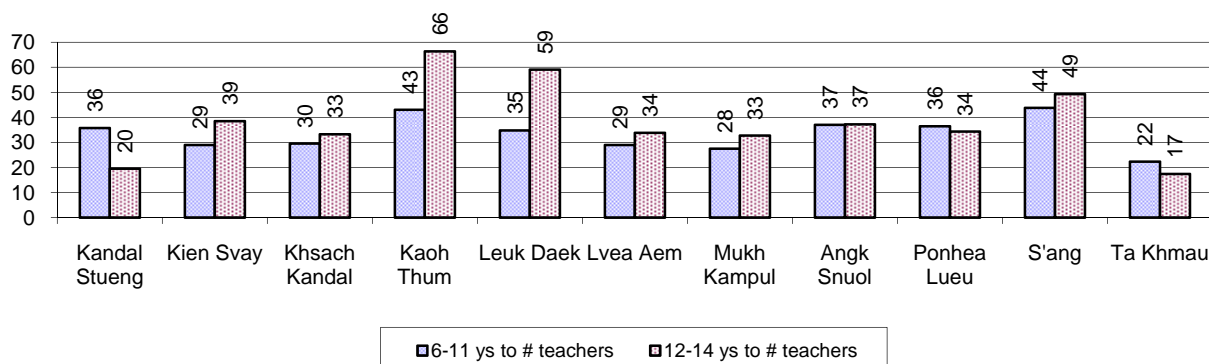
Description	2006	2007	2008
Number of primary schools	491 school(s)	470 school(s)	442 school(s)
Number of primary school rooms	4,263 room(s)	4,274 room(s)	4,407 room(s)
Number of primary classes	4,982 class(es)	4,923 class(es)	4,781 class(es)
Number of primary teachers	5,211 person(s)	4,837 person(s)	4,632 person(s)
Ratio of children 6-11 yrs to school	332	347	355
Ratio of children 6-11 yrs to school room	38	38	36
Ratio of children 6-11 yrs to class	33	33	33
Ratio of children 6-11 yrs to teacher	31	34	34

**Note:** According to education norm, children 6-11 yrs should attend primary school, while 12-14 yrs should be in lower secondary school, but in reality this varies.

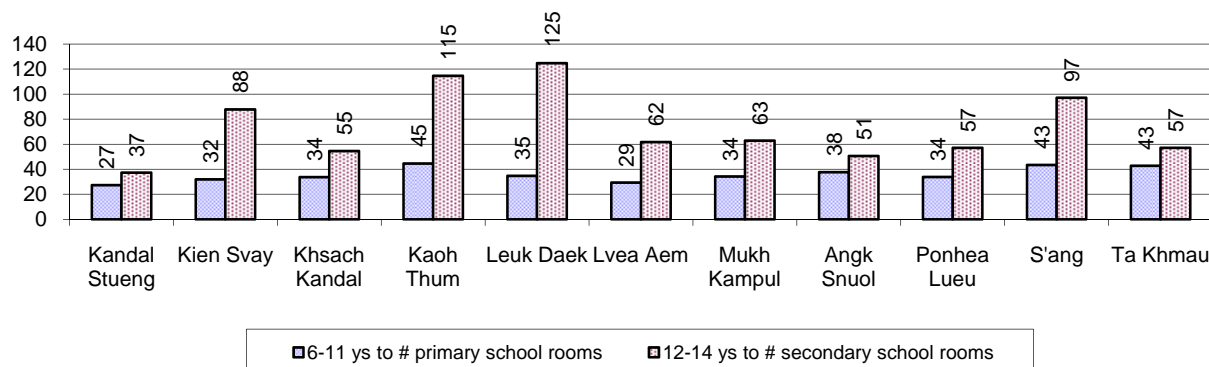
**Lower Secondary School**

Description	2006	2007	2008
Number of lower secondary schools	107 school(s)	123 school(s)	134 school(s)
Number of lower secondary school rooms	947 room(s)	1,119 room(s)	1,361 room(s)
Number of lower secondary classes	1,111 class(es)	1,210 class(es)	1,449 class(es)
Number of lower secondary teachers	2,050 person(s)	2,208 person(s)	2,580 person(s)
Ratio children 12-14 yrs to school	877	770	686
Ratio of children 12-14 yrs to school room	99	85	68
Ratio of children 12-14 yrs to class	84	78	63
Ratio of children 12-14 yrs to teacher	46	43	36

**7.1.5 Ratio of 6-11 year old and 12-14 year old Children to number of Teachers, by District, in 2008**



**7.1.6 Ratio of 6-11 year old and 12-14 year old Children to number of School Rooms, by District, in 2008**



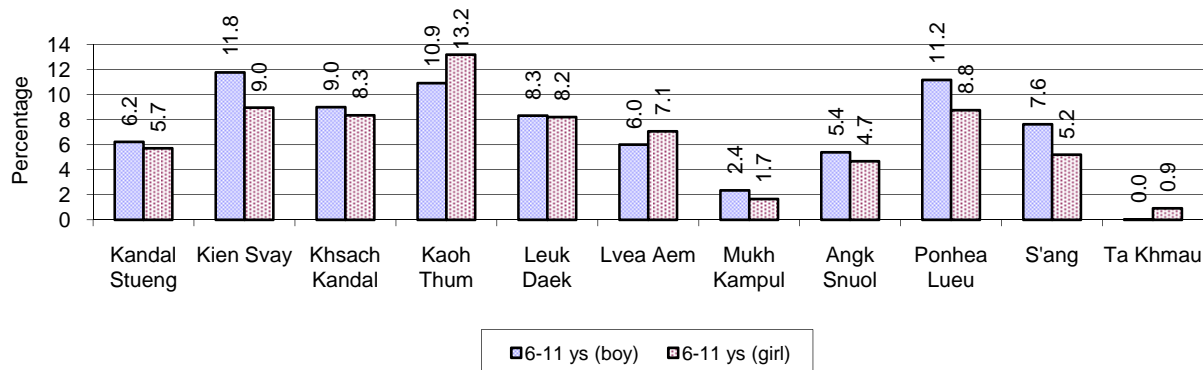
### 7.1.7 Enrolment status at Primary Level, 2006-2008 one decimal only

Description	2006 %	2007 %	2008	
			%	Number
Total children aged 6-11 years old	13%	13%	12%	157,067 person(s)
Total children aged 6-11 who are in school	93%	92%	92%	145,283 person(s)
Total children aged 6-11 who are not in school	7%	8%	8%	11,784 person(s)
<hr/>				
Total girls aged 6-11 years old	13%	12%	12%	77,688 person(s)
Total girls aged 6-11 who are in school	93%	92%	93%	72,192 person(s)
Total girls aged 6-11 who are not in school	7%	8%	7%	5,496 person(s)
<hr/>				
Total boys aged 6-11 years old	14%	13%	13%	79,379 person(s)
Total boys aged 6-11 who are in school	94%	92%	92%	73,091 person(s)
Total boys aged 6-11 who are not in school	6%	8%	8%	6,288 person(s)

**Note 1:** Percentage is calculated on the basis of the total number of children within 6-11 year age group for the first 3 rows and for the total girls and the total boys aged 6-11 yrs.

**Note 2:** Number of girls aged 6-11 who are in & not in school is calculated against the total number of girls aged 6-11 yrs. Number boys, 6-11 yrs who are in & not in school are calculated against the total number of boys aged 6-11 yrs.

### 7.1.8 Percentage of 6-11 year old Children not in School, by District, in 2008



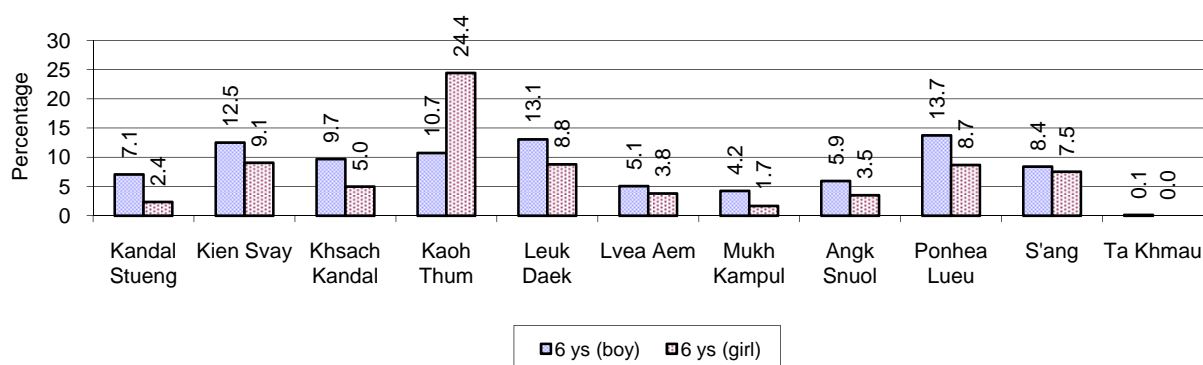
**Note:** calculated on the basis of the total number of children within 6-11 year age group in the commune.

### 7.1.9 Enrolment of 6 year old Children, 2006-2008

Description	2006 %	2007 %	2008	
			%	Number
Total % and number of children aged 6 years old	3%	3%	3%	39,285 person(s)
Total % of children aged 6 years old in school	91%	87%	90%	35,547 person(s)
Total % of children aged 6 years old not in school	9%	13%	10%	3,738 person(s)

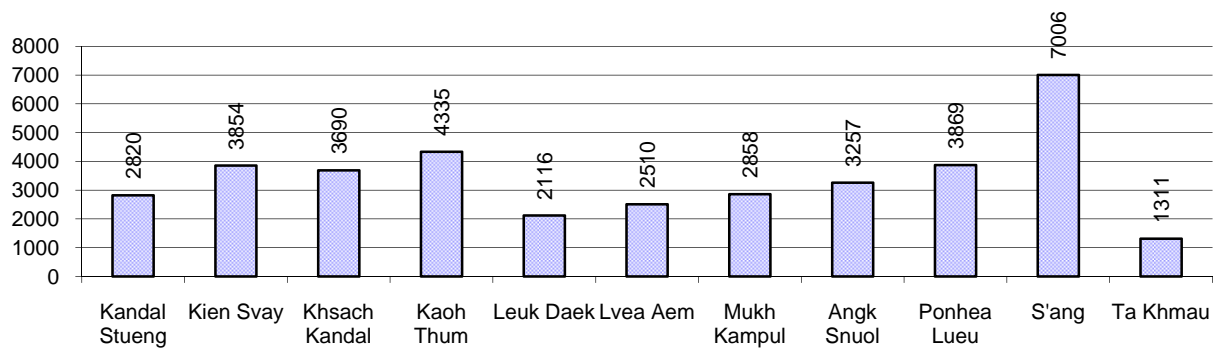
**Note:** First row calculated as a percentage of total population. Second and third row calculated as a percentage of the total number of 6 year olds.

### 7.1.10 Percentage of 6 year old Children not in School, by District, in 2008



**Note:** Calculated as a percentage of total 6 year old population

### 7.1.11 Number of 5 year old Children in each District in 2008

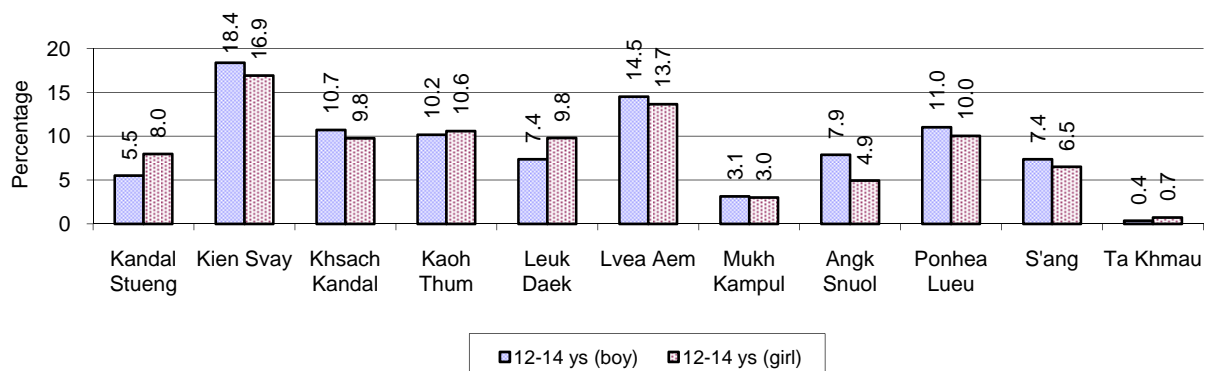


### 7.1.12 Enrolment at Lower Secondary Level, 2006-2008

Description	2006 %	2007 %	2008	
			%	Number
Total <b>children</b> aged 12-14 years old	8%	7%	7%	91,933 person(s)
Children aged 12-14 years old in school	92%	90%	91%	83,404 person(s)
Children aged 12-14 years old not in school	8%	10%	9%	8,529 person(s)
Total <b>girls</b> aged 12-14 years old	7%	7%	7%	45,561 person(s)
Girls aged 12-14 years old in school	91%	90%	91%	41,441 person(s)
Girls aged 12-14 years old not in school	9%	10%	9%	4,120 person(s)
Total <b>boys</b> aged 12-14 years old	8%	8%	7%	46,372 person(s)
Boys aged 12-14 years old in school	93%	90%	90%	41,963 person(s)
Boys aged 12-14 years old not in school	7%	10%	10%	4,409 person(s)

**Note:** Percentage is calculated on the basis of number of the total number of children within 12-14 yrs group, except for the first row of each section which is calculated on the basis of the total population.

### 7.1.13 Percentage of 12-14 year olds not in School, by District, in 2008



**Note:** Calculated as a percentage of the total 12-14 year old population in each district

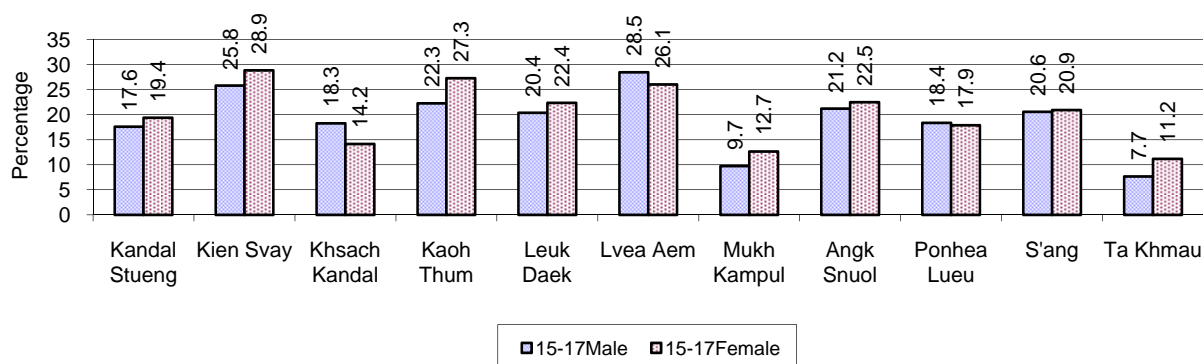
### 7.1.14 Upper Secondary Schools, 2006-2008

Description	2006	2007	2008
Number of upper secondary schools	32 school(s)	31 school(s)	33 school(s)
Number of upper secondary school rooms	549 room(s)	620 room(s)	735 room(s)
Number of upper secondary classes	653 class(es)	773 class(es)	785 class(es)
Number of upper secondary teachers	1,334 person(s)	1,321 person(s)	1,254 person(s)
Ratio of 15-17 yr olds to number of school	3,060	3,228	2,983
Ratio of 15-17 yr olds to number of school room	178	161	134
Ratio of 15-17 yr olds to number of classes	150	129	125
Ratio of 15-17 yr olds to number of teacher	73	76	79

### 7.1.15 Enrolment of 15-17 year old teenagers, 2006-2008

Description	2006	2007	2008
Number of teenage, 15-17 years old	97,918 person(s)	100,070 person(s)	98,453 person(s)
Number of teenage, 15-17 years old, who are not studying	20,372 person(s)	21,602 person(s)	20,310 person(s)
Percentage of teenage, 15-17 years old not studying	21%	22%	21%

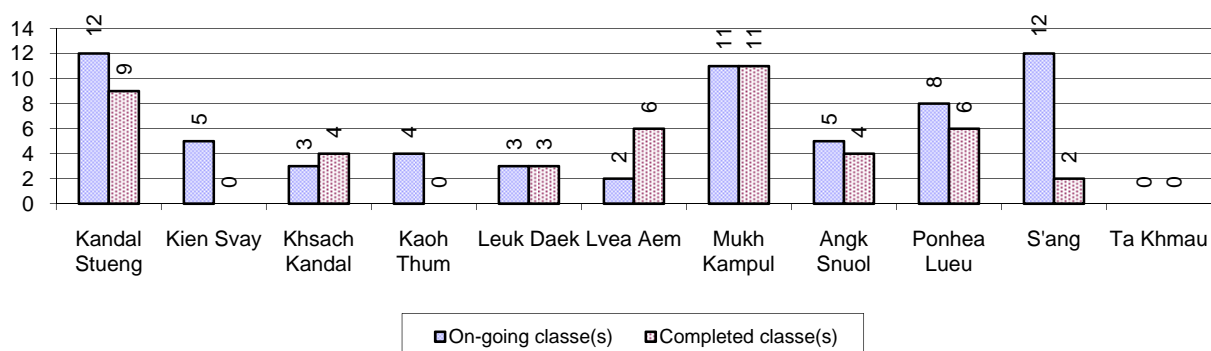
### 7.1.16 Percentage of 15-17 year old Teenagers not at School, by District, in 2008



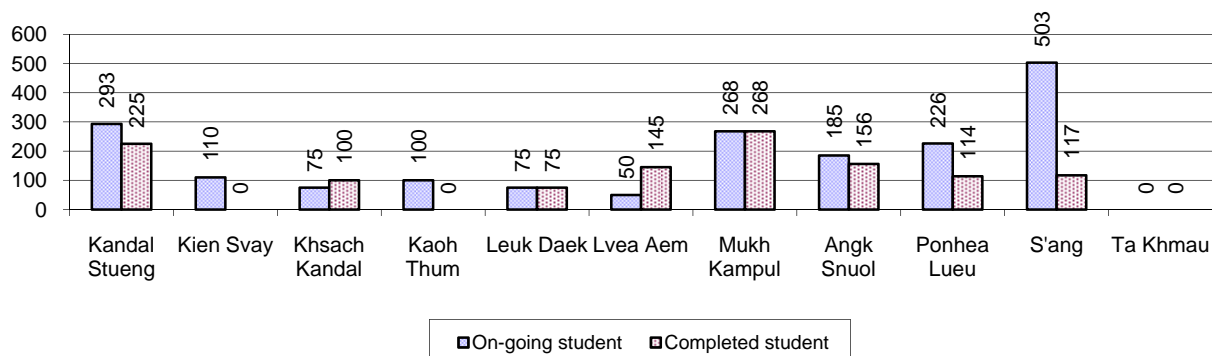
### 7.1.17 Literacy Classes as of 2008

Literacy classes	Organized by:		Other Program(s)	Total
	PDoEYS	NGOs		
Number of On-going literacy classes	59 class(es)	4 class(es)	2 class(es)	65 class(e(s)
Number of literacy students in on-going classes	1,676 person(s)	119 person(s)	90 person(s)	1,885 person(s)
Completed literacy class(es)	42 classes	3 classes	0 classes	45 classes
Number of literacy students that have completed literacy classes	1,161 person(s)	39 person(s)	0 person(s)	1,200 person(s)
Number of students that passed	968 person(s)	39 person(s)	0 person(s)	1,007 person(s)

### 7.1.18 Number of on-going and completed Literacy Classes, by District, in 2008



### 7.1.19 Students of on-going & completed Literacy Classes, by District, in 2008

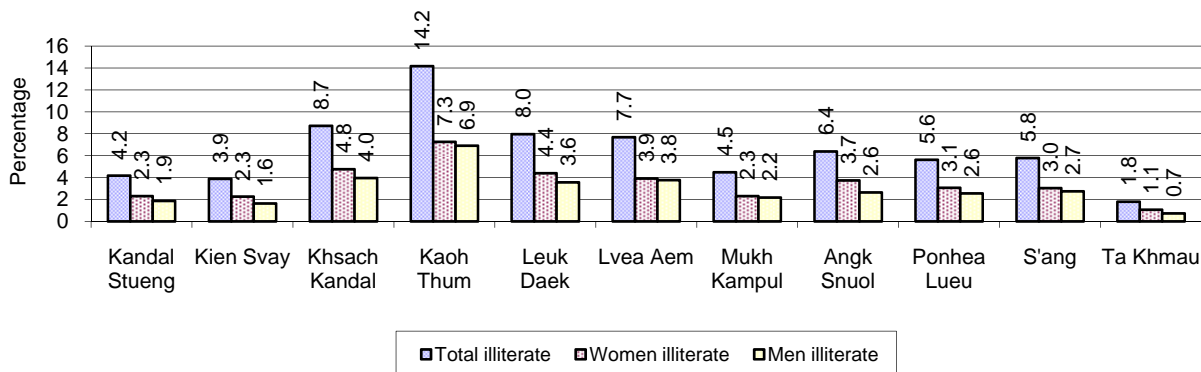


### 7.1.20 Percentage of illiterate People between 15-60, 2006-2008

Illiteracy Status	2006	2007	2008	
	%	%	%	Number
Illiterate people, 15-60 years old	8%	8%	7%	51,136 person(s)
Illiterate females, 15-60 years old	4%	4%	4%	27,537 person(s)
Illiterate people, 15-17 years old	4%	4%	2%	2,273 person(s)
Illiterate females, 15-17 years old	2%	2%	1%	1,027 person(s)
Illiterate people, 18-24 years old	5%	5%	3%	5,786 person(s)
Illiterate females, 18-24 years old	2%	2%	2%	2,943 person(s)
Illiterate people, 25-60 years old	10%	10%	9%	43,077 person(s)
Illiterate females, 25-60 years old	5%	5%	5%	23,567 person(s)

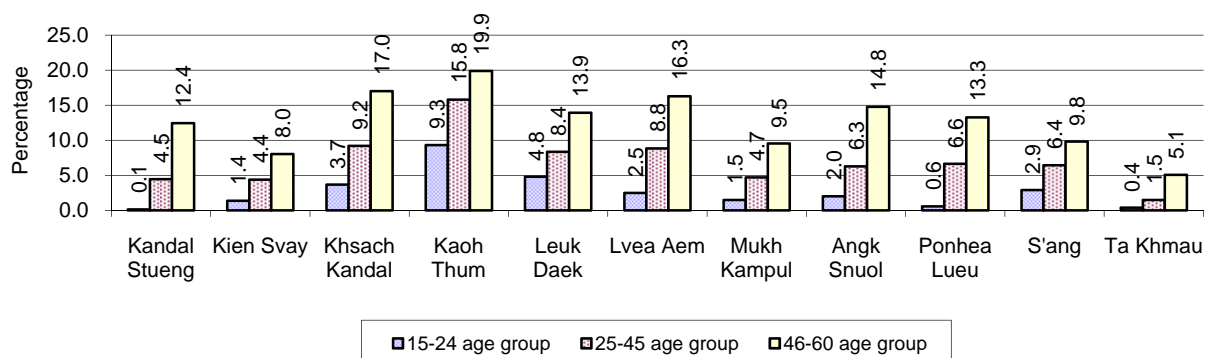
**Note:** Percentage is calculated on the basis of number of people in age each group.

### 7.1.21 Percentage illiterate People among 15-60 yrs old, by District, in 2008



**Note:** Percentages are calculated on the basis of number of people in that age group.

### 7.1.22 Percentage illiterate People for 15-24 yrs, 25-45 yrs and 46-60 yrs, by District, in 2008



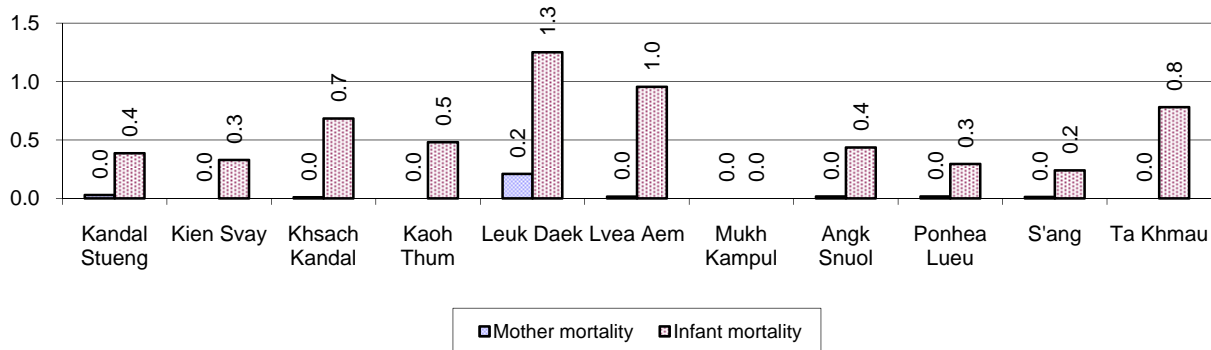
**Note:** Percentage of illiterate people in each age group is calculated on the basis of number of people in that age group.

## 7.2 Health

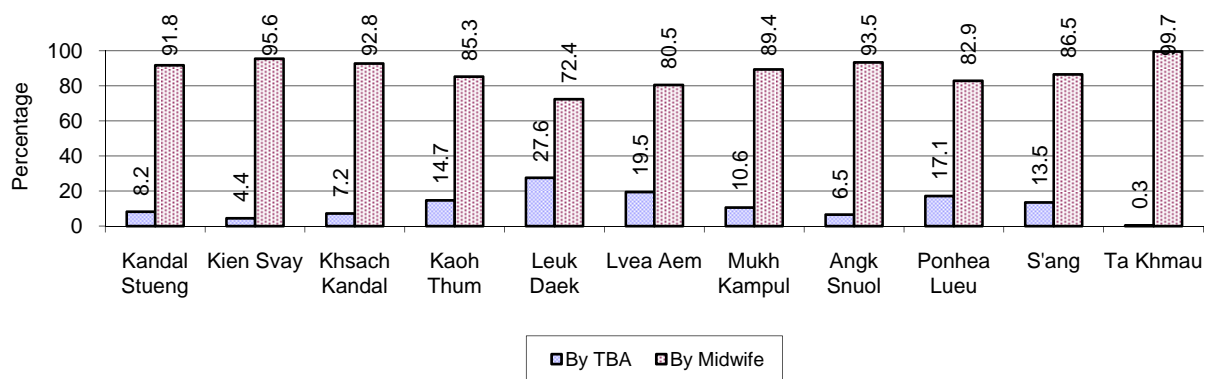
### 7.2.1 Health Situation of Women and Children, 2006-2008

Description	2006	2007	2008
Number families with a birth during the year	14,707 families	16,950 families	19,042 families
Number of women who had their baby delivered by a Traditional Birth Attendant	3,032 person(s)	2,346 person(s)	2,083 person(s)
Percentage of women who had their baby delivered by a Traditional Birth Attendant	21 %	14 %	11 %
Number of women who had their baby delivered by a midwife	11,675 person(s)	14,604 person(s)	16,959 person(s)
Percentage of women had their baby delivered by a midwife	79 %	86 %	89 %
Number of mothers who died within 1 month of giving birth	24 person(s)	14 person(s)	22 person(s)
Mothers who died within 1 month of giving birth per 100,000 families having a delivery	163	83	116
Number of infants born during the year	14,705 person(s)	17,022 person(s)	19,072 person(s)
Number of Infants who died within 1 month	105 person(s)	55 person(s)	56 person(s)
Infants mortality within 1 month per 1,000 births	7	3	3
Number of children who died below the age of 5.	334 person(s)	343 person(s)	272 person(s)
Number of infants, aged 9-12 months, born during the year	9,927 person(s)	12,481 person(s)	12,707 person(s)
Nr. infants, aged 9-12 months, not receiving full immunization	132 person(s)	198 person(s)	198 person(s)
% of 9-12 months infants, not receiving full immunization	1 %	2 %	2 %

### 7.2.2 Mothers dying within 0 days to 1 month of giving Birth and Infants dying within 1 month in 2008, by District in 2008

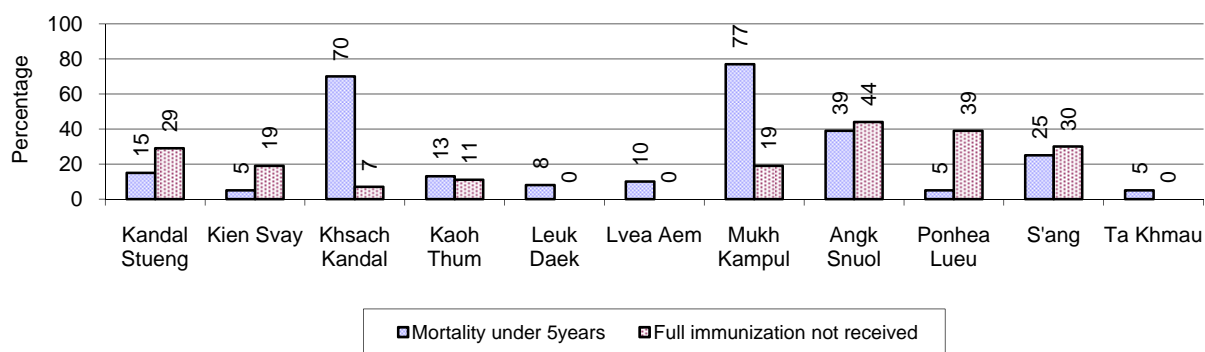


### 7.2.3 Percentage of Women delivering with a TBA or Midwife, by District in 2008



**Note:** Calculated as a percentage of total deliveries

### 7.2.4 Percentage of Children dying below 5 & of 9-12 months not receiving full Immunization, by District in 2008



**Note:** Mortality rate calculated as a percentage of the total 5 year old population. Lack of immunization received calculated as a percentage of the total number 9-12 months olds.

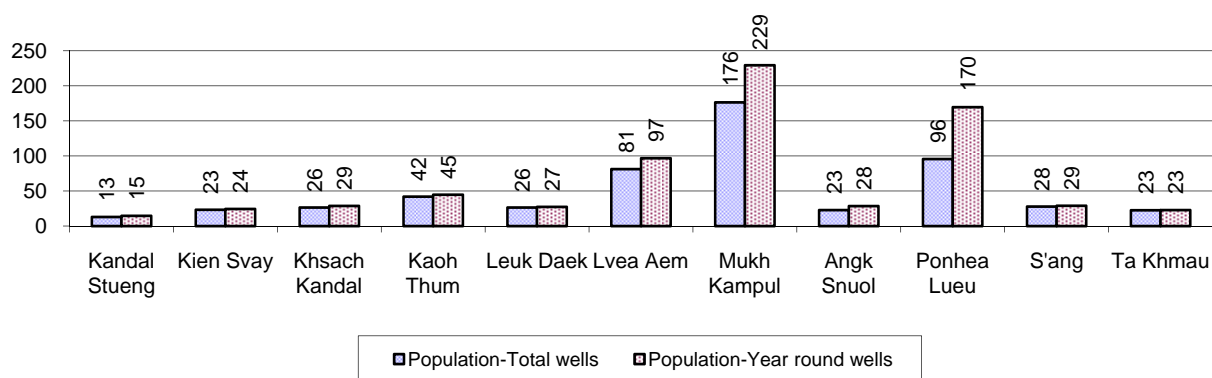
### 7.3 Water and Sanitation

#### 7.3.1 Number of different types of Wells, 2006-2008

Type of wells	Number of wells by year		
	2006	2007	2008
<i>Total number of pumped or mixed wells</i>	29,629	33,884	35,936
Year-round usable pumped or mixed wells	27,229	31,409	33,305
Dry season unusable pump or mixed wells	2,400	2,475	2,631
Pump or mixed wells needing repair/rehabilitation	2,169	1,972	2,180
<i>Total number of ring wells</i>	7,540	7,647	7,759
Year-round usable ring wells	5,993	6,145	6,318
Dry season unusable ring wells	1,547	1,502	1,441
Ring wells needing repair/rehabilitation	1,157	1,132	1,043
<i>Total number of unprotected dug wells</i>	757	1,168	824
Year-round usable unprotected dug wells	562	900	656
Dry season unusable unprotected dug wells	195	268	168

Ring wells: dug wells with cement ring as lining

#### 7.3.2 Ratio of People to Wells, by District in 2008



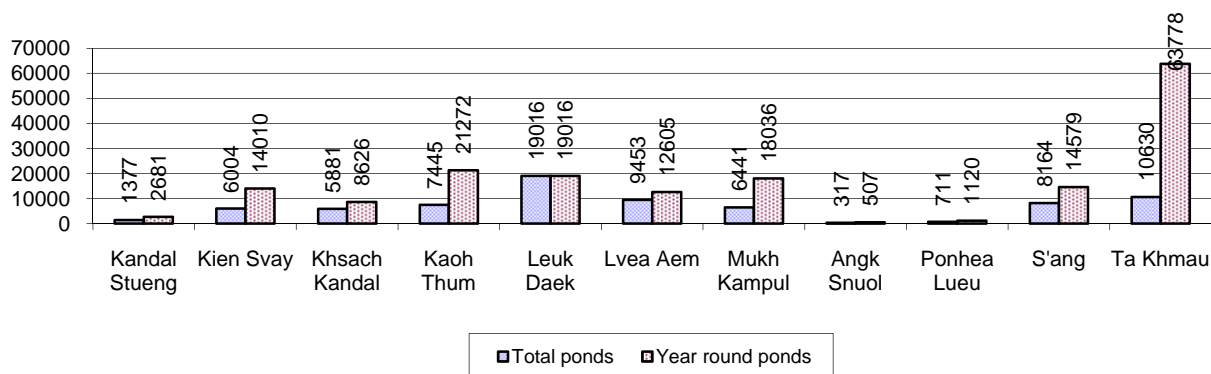
Note: Year-round wells excluding unprotected wells

#### 7.3.3 Potable Water Ponds, 2006-2008

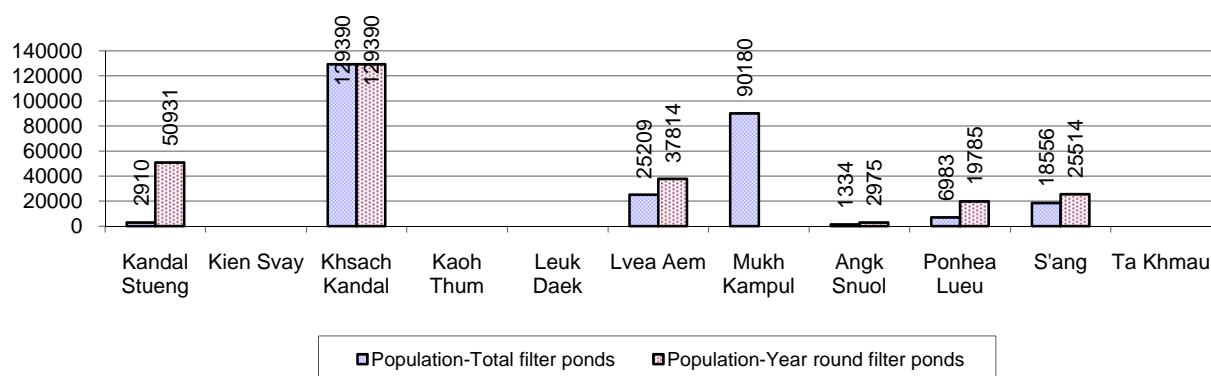
Type of Pond	2006	2007	2008
<i>Total number of normal-type ponds</i>	1,012 pond	711 pond	733 pond
Year-round usable normal-type ponds	422 pond	351 pond	436 pond
Dry season unusable normal-type ponds	590 pond	360 pond	297 pond
Normal-type ponds needing repair/rehabilitation	365 pond	316 pond	241 pond
<i>Total number of filter ponds</i>	307 pond	129 pond	155 pond
Year-round usable filter ponds	199 pond	67 pond	58 pond
Filter ponds, dry season unusable	108 pond	62 pond	97 pond
Filter ponds needing repair/rehabilitate	73 pond	61 pond	59 pond



### 7.3.4 Ratio of People to normal Ponds, by District in 2008



### 7.3.5 Ratio of People to Filter Ponds, by District, in 2008

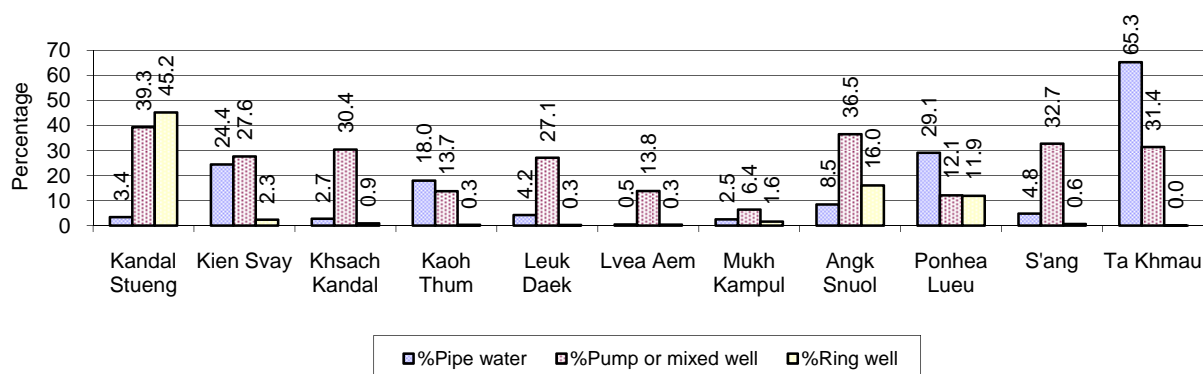


### 7.3.6 Source of potable Water for Households, 2006-2008

Water sources	2006	2007	2008	
	%	%	%	Number
Families using water from purification system	9%	10%	14%	33,945 families
Families using water from pump, mixed wells	26%	28%	25%	63,280 families
Families using water from ring wells and open dug wells	7%	6%	7%	17,859 families
Families using water from pond	5%	6%	6%	14,088 families
Families using water from rain water storage	2%	2%	2%	4,689 families
Families using water from rivers, lakes, natural ponds and reservoirs	51%	48%	46%	116,251 families

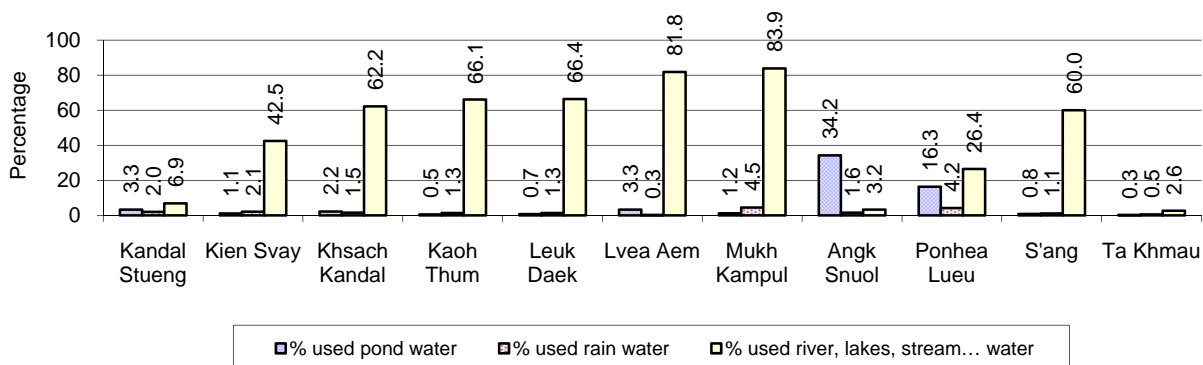
**Note:** Calculated as a percentage of the total number of families.

### 7.3.7 Percentage Families using different Water Sources, by District in 2008



**Note:** Calculated as a percentage of the total number of families in each district

### 7.3.8 Percentage Families using Water from Rain Water Storage, Ponds and natural Sources (rivers/lakes/natural ponds/reservoirs), by District 2008



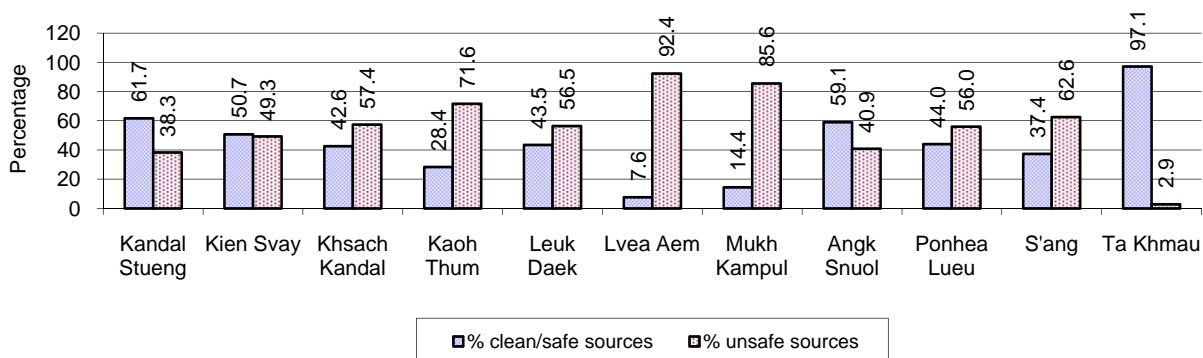
Note: Calculated as a percentage of the total number of families in each district

### 7.3.9 Drinking Water Sources in the dry Season, 2006-2008

Percentage Families that get drinking water from:	2006	2007	2008	
	%	%	%	Number
from clean/safe sources	42 %	45 %	43 %	107,674 families
from unsafe sources	58 %	55 %	57 %	142,438 families

Note: Calculated as a percentage of the total number of families.

### 7.3.10 Percentage Families using safe and unsafe Water Sources in the dry Season, by District in 2008



Note: Calculated as a percentage of the total number of families in each district.

### 7.3.11 Drinking Water Purification by Households, 2006-2008

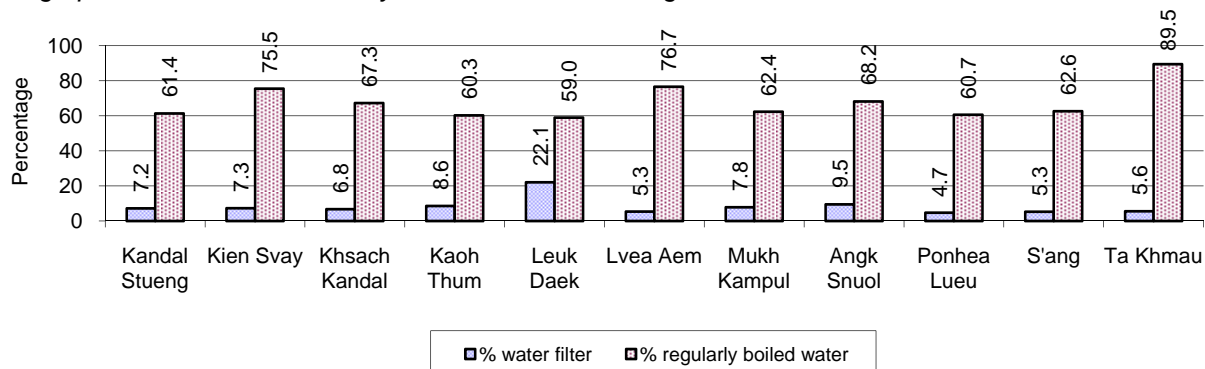
This table shows the different ways families make water safe for drinking.

Families, who:	2006	2007	2008	
	%	%	%	Number
Filter water for drinking	6%	7%	8 %	18,796 families
Boil water for drinking	63%	65%	67 %	167,095 families

Note: Calculated as a percentage of the total number of families

### 7.3.12 Percentage Families filtering Water or regularly boiling Water, by District in 2008

This graph shows the different ways families make drinking water safe.



Note: Calculated on as a percentage of the total number of families in each district.

### 7.3.13 Families' access to Water, 2006-2008

Families access to water	2006	2007	2008	
	%	%	%	Number
Families with water at home or in less than 150m	58%	49%	62 %	154,916 families
Families with water 150m or more away from home	26%	13%	10 %	25,668 families

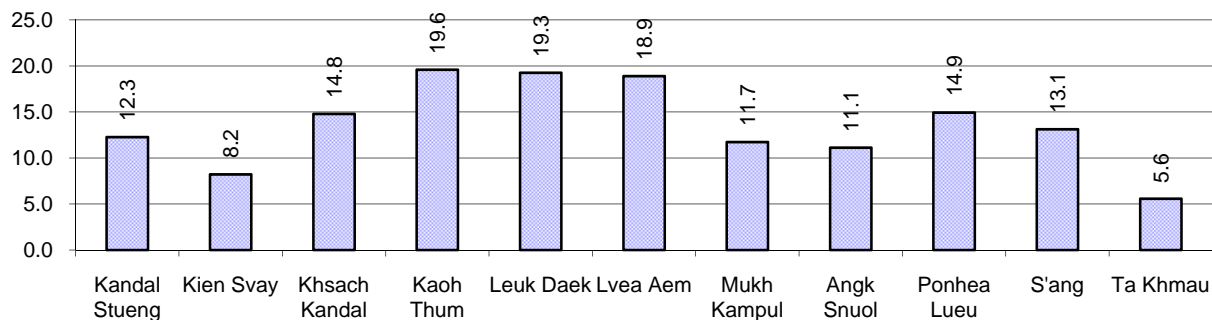
Note: Calculated as a percentage of the total number of families

### 7.3.14 Ratio of people to Latrines, 2006-2008

Description	2006	2007	2008	
	Ratio	Ratio	Ratio	Number
Ratio of people to latrines	15.8	13.9	12.1	105,117.0

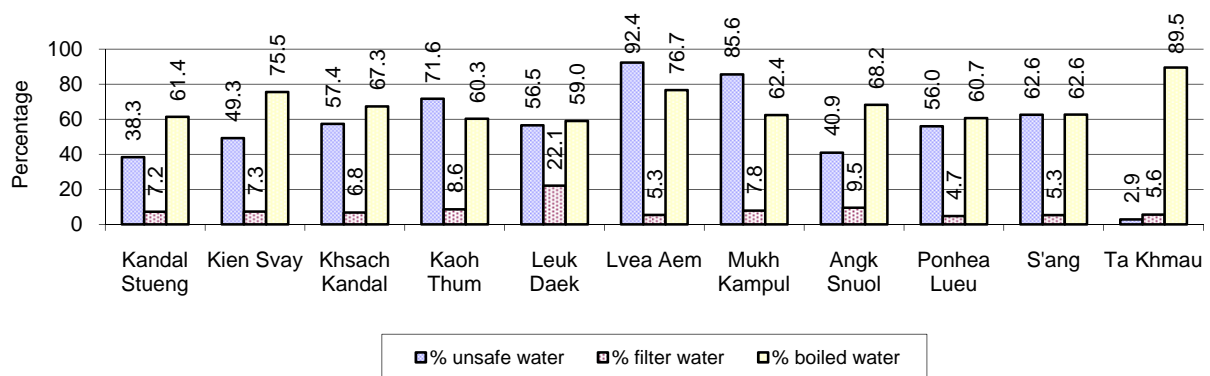
Note: Ratio calculated by dividing the total population by the total number of latrines

### 7.3.15 Ratio of People to Latrines, by District, in 2008



Note: Ratio calculated by dividing the number of houses with latrines by the total population in a district.

### 7.3.16 Percentage of Families drinking boiled, filtered or unsafe Water, by District, in 2008



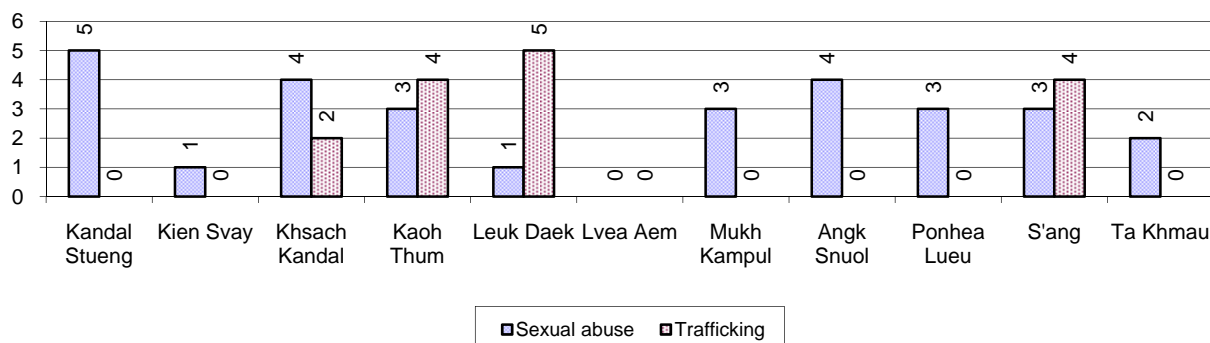
**Note:** Calculated as a percentage of the total number of families in each district.

## 7.4 Vulnerable groups

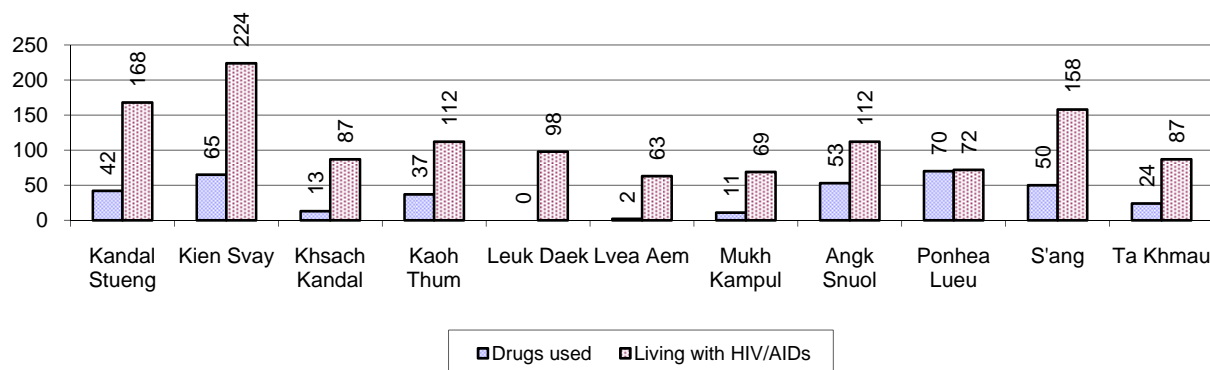
### 7.4.1 Vulnerable Groups in need of special Protection, 2006-2008

Vulnerable groups	2006	2007	2008
Victims of sexual abuse	79 person(s)	399 person(s)	29 person(s)
Victims of human trafficking	10 person(s)	204 person(s)	15 person(s)
Families with family member(s) using drugs	328 families	252 families	367 families
Families with family member(s) living with HIV/AIDS	1,154 families	1,216 families	1,250 families
Children under 18 yrs old whose parent died of AIDS	1,970 person(s)	1,880 person(s)	1,982 person(s)
Orphaned/abandoned children under 18 yrs old (all cases)	6,263 person(s)	5,530 person(s)	4,515 person(s)
Elderly persons without guardian	1,722 person(s)	1,538 person(s)	1,215 person(s)
Disabled people able to earn an income	878 person(s)	908 person(s)	840 person(s)
Disabled people unable to earn an income	869 person(s)	1,010 person(s)	909 person(s)
Disabled people under 18 yrs old	504 person(s)	341 person(s)	292 person(s)
Victims of natural disasters	4,890 families	3,560 families	2,491 families
Victims of land mines and unexploded weapons	105 person(s)	47 person(s)	28 person(s)

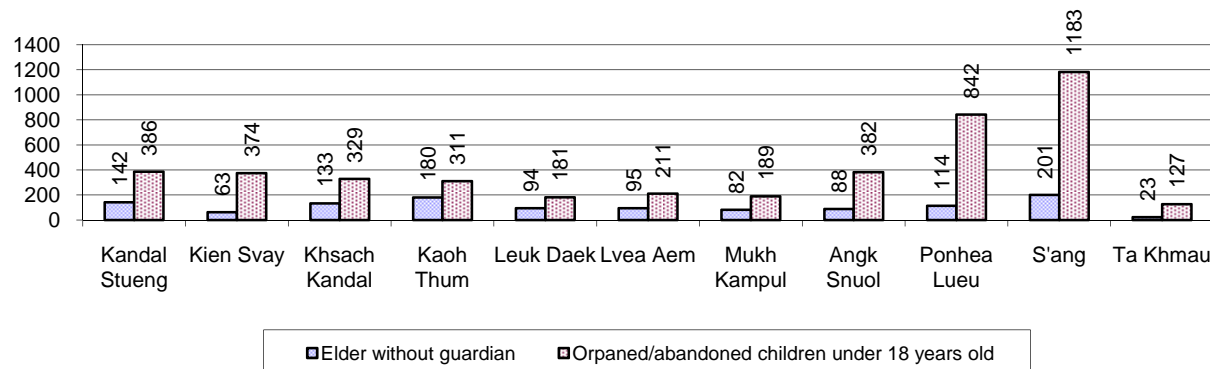
### 7.4.2 Registered Victims of sexual Abuse or Trafficking, by District, for 2008



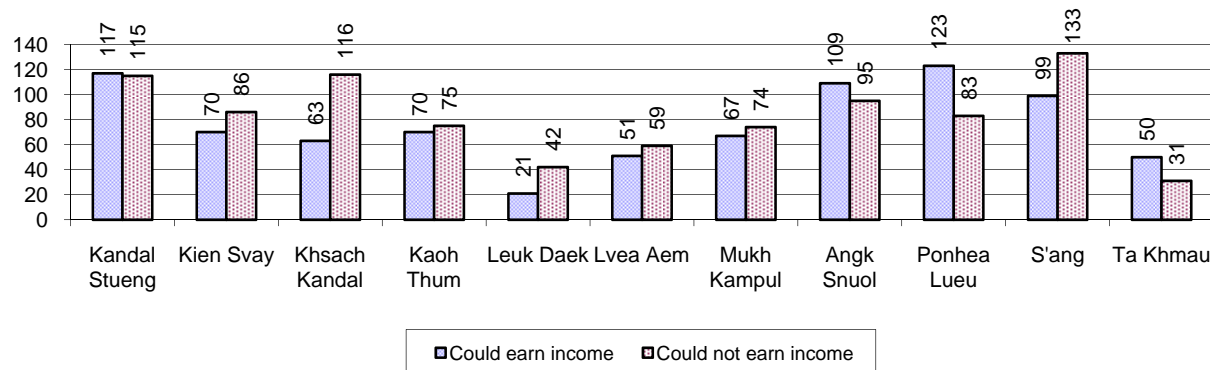
### 7.4.3 Registered Families with Member(s) using Drugs or living with HIV/AIDS, by District, for 2008



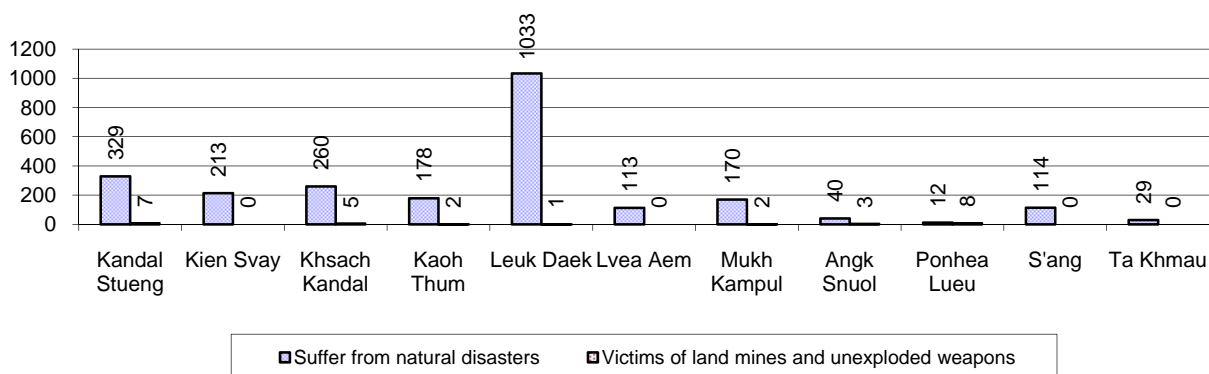
### 7.4.4 Elderly Persons without a Guardian and orphaned/abandoned Children under 18 years old, by District, for 2008



### 7.4.5 Number of disabled People who could or could not earn an Income, by District, for 2008



### 7.4.6 Number of Families who suffered from natural Disasters, and number of Victims of Land Mines and unexploded Weapons, by District, in 2008



## 7.5 Migration

### 7.5.1 Migration, 2006-2008

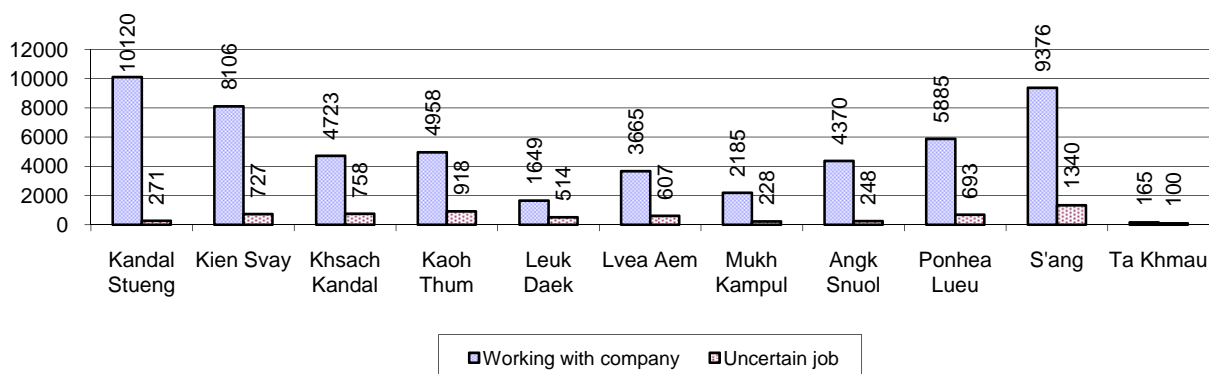
Description	2006	2007	2008
Number of families permanently in-migrated	1,338 families	1,331 families	1,293 families
Total number of people	5,532 person(s)	5,484 person(s)	5,646 person(s)
Total number of female	2,863 person(s)	2,882 person(s)	2,904 person(s)
Number of families permanently out-migrated	1,122 families	1,203 families	1,203 families
Total number of people	4,866 person(s)	5,356 person(s)	5,058 person(s)
Total number of female	2,614 person(s)	2,820 person(s)	2,713 person(s)
Number of families staying temporarily	1,468 families	1,317 families	3,435 families
Total number of people	5,176 person(s)	4,675 person(s)	12,747 person(s)
Total number of female	2,822 person(s)	2,559 person(s)	8,342 person(s)

### 7.5.2 Job Migration

Description	2006	2007	2008
Number of people migrated to work with company/factory	8%	8%	8%
Number of people migrated to work, but have uncertain jobs	1%	1%	1%

Note: Calculated as a percentage of the total population of 18-60 year olds

### 7.5.3 Number of People working outside their home Villages in a Company/Factory or with an uncertain Job in 2008

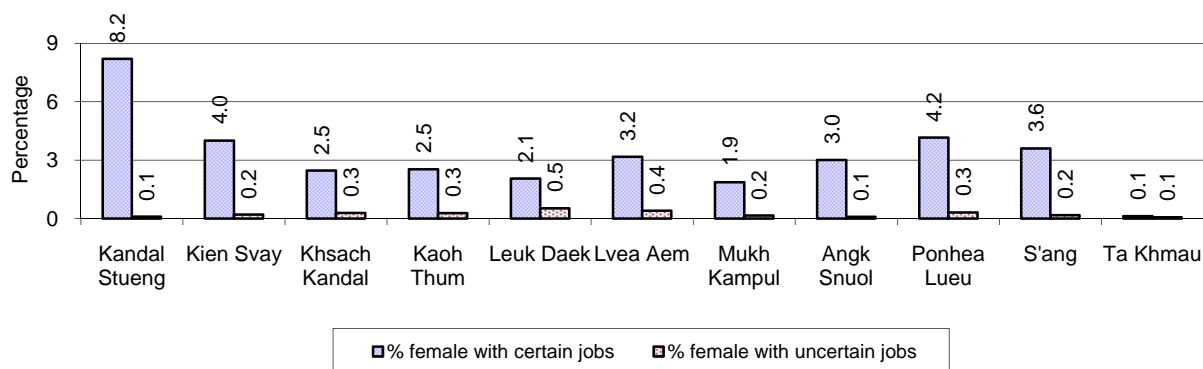


### 7.5.4 Female migration, 2006-2008

Description	2006 %	2007 %	2008	
			%	Number
Total number of migrants	4.4%	4.8%	4.8%	61,606 person(s)
Number of female migrants	3.3%	3.6%	3.6%	45,997 person(s)
<b>Total number of migrants, who go to work with company/factory (with certain jobs)</b>				
Total number of migrants, who go to work with company/factory (with certain jobs)	3.9%	4.3%	4.3%	55,202 person(s)
Number of female migrants with certain jobs	3.1%	3.4%	3.4%	43,161 person(s)
<b>Total number of migrants with uncertain jobs</b>				
Total number of migrants with uncertain jobs	0.5%	0.5%	0.5%	6,404 person(s)
Number of female migrants with uncertain jobs	0.2%	0.2%	0.2%	2,836 person(s)

**Note:** Calculated as a percentage of the total population

### 7.5.5 Percentage female Migrants with certain and uncertain Jobs, by District, in 2008



**Note:** Calculated as a percentage of the total population of the district

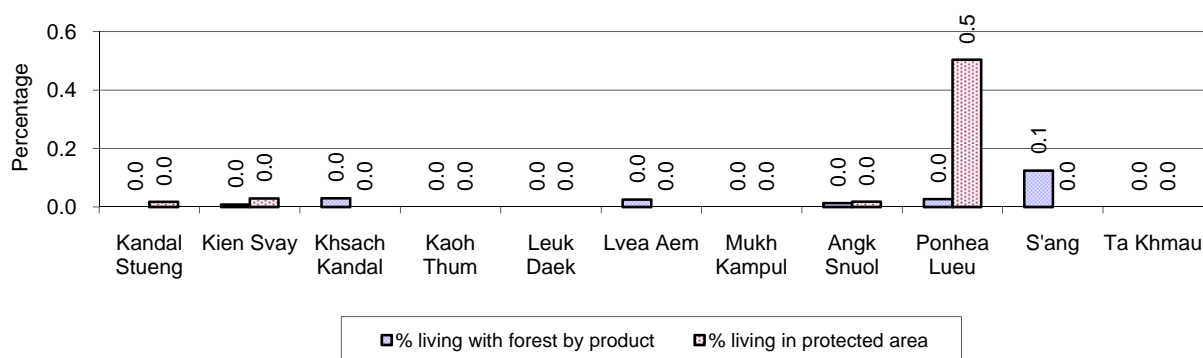
## 8 Natural Resources and Environment (NRE)

### 8.1 Families involved with NRE issues, 2006-2008

Description	2006 %	2007 %	2008	
			%	Number
Families living with forest by products	0 %	0 %	0 %	72 families
Families living in a protected area	0 %	0 %	0 %	130 families
Houses with access to garbage collection service	2 %	1 %	1 %	2,838 families
Families affected by environmental pollution	4 %	4 %	3 %	8,393 families
Families using chemical fertilizer	61 %	60 %	60 %	149,079 families
Families using chemical pesticide	49 %	49 %	49 %	122,241 families

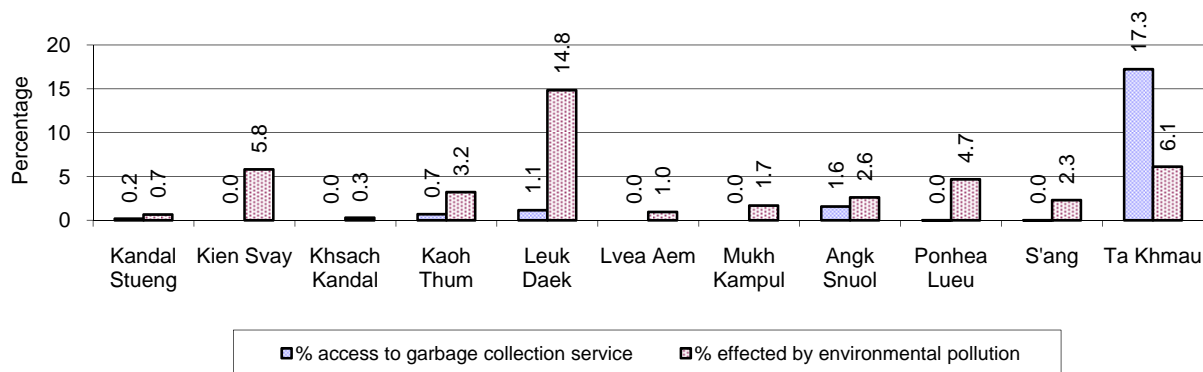
Note: Calculated as a percentage of the total number of families

### 8.2 Percentage of Families involved with Natural Resource issues, by District, for 2008



Note: Calculated as a percentage of the number of families in each district

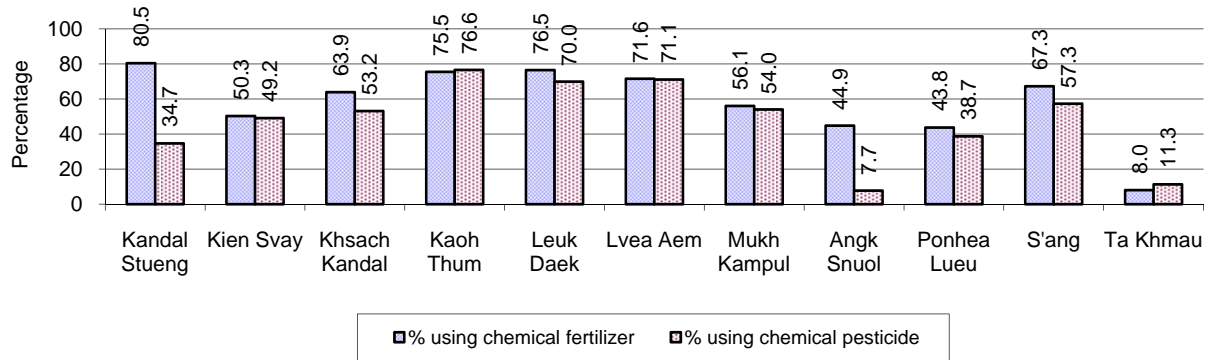
### 8.3 Percentage Houses with access to Garbage collection and Families affected by environmental Pollution, by District, for 2008



Note: Garbage collection is calculated as a percentage of the total number of houses in each district and families affected by environmental pollution is calculated as a percentage of the total number of families in each district.



**8.4 Percentage Families using chemical Fertilizer and chemical Pesticides, by District, for 2008**



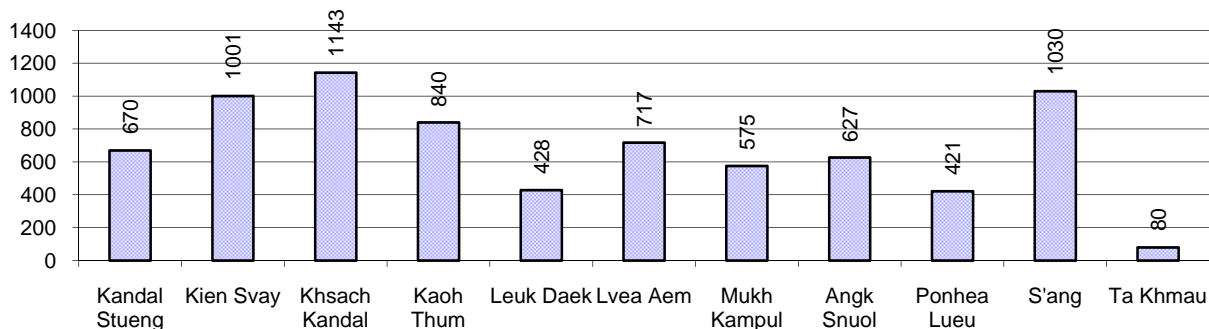
**Note:** Calculated as a percentage of the total number of families in each district

## 9 Administration and Security

### 9.1 Birth Registration, 2006-2009

Description	2006	2007	2008
Number of infants to be registered	14,600 person(s)	16,967 person(s)	19,016 person(s)
Number of unregistered infants the year	2,622 person(s)	4,321 person(s)	7,532 person(s)
Percentage of infants unregistered	18 %	25 %	40 %

### 9.2 Number of unregistered Infants born in 2008, by District

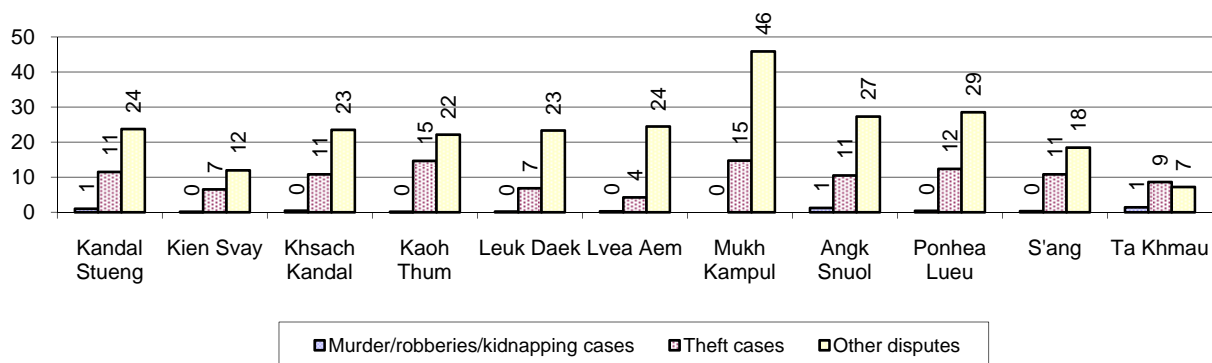


### 9.3 Registered criminal Cases, 2006-2008

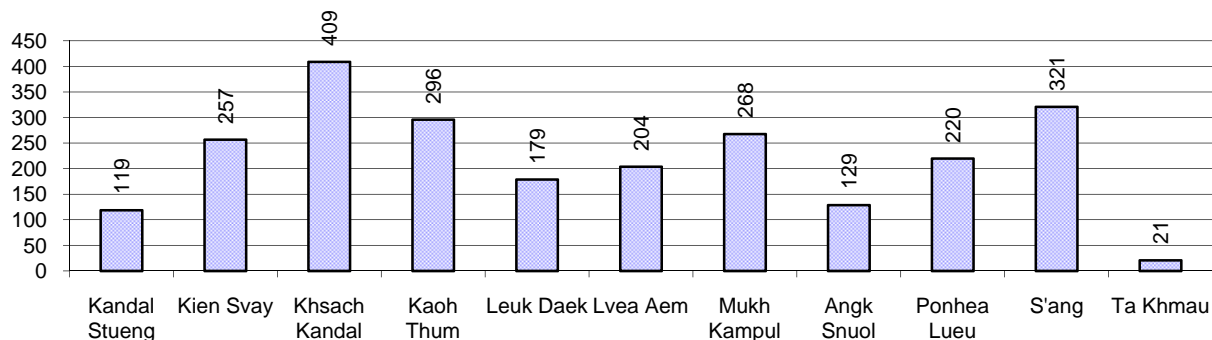
Description	2006	2007	2008
Murders, robberies and kidnapping cases	93 case(s)	70 case(s)	57 case(s)
Theft cases	1,501 case(s)	1,378 case(s)	1,334 case(s)
land dispute cases	2,323 case(s)	2,596 case(s)	2,423 case(s)
Other disputes cases	3,162 case(s)	2,769 case(s)	2,887 case(s)

Note: this reflects only registered criminal cases

### 9.4 Registered criminal Cases per 10,000 people, by District, for 2008



### 9.5 Number of registered Land Disputes, by District, in 2008

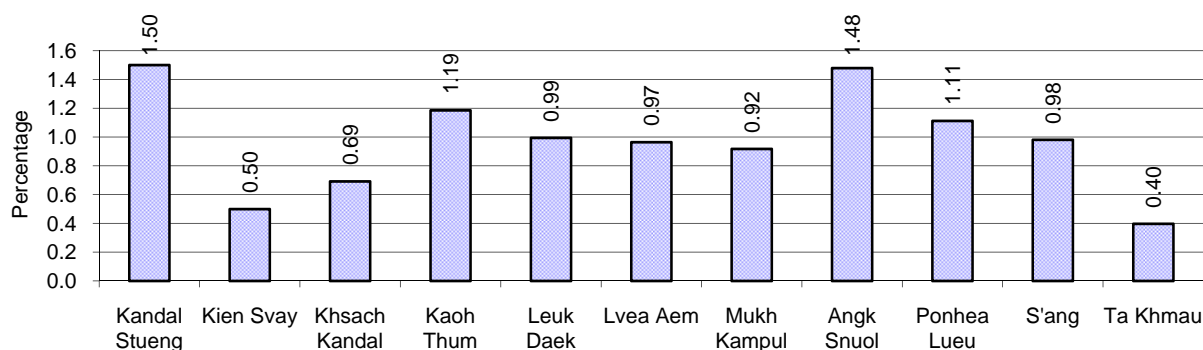


## 10 Gender

### 10.1 Reported Domestic Violence, 2006-2008

Description		2006	2007	2008
Families experiencing domestic violence		2,626 families	2,360 families	2,442 families(s)
% families experiencing domestic violence		1 %	1 %	1 %
Domestic violence cases reported by village chiefs		1,691 case(s)	1,831 case(s)	1,653 case(s)
Type	Physical violence	773 case(s)	706 case(s)	713 case(s)
	Sexual violence	141 case(s)	97 case(s)	85 case(s)
	Mental violence	497 case(s)	629 case(s)	528 case(s)
	Household economic violence	280 case(s)	399 case(s)	327 case(s)
Number of administrative decisions on domestic violence		466 case(s)	739 case(s)	1,062 case(s)
% of administrative decisions on domestic violence		28 %	40 %	64 %

### 10.2 Percentage of reported cases of Families experiencing domestic Violence, by District, in 2008



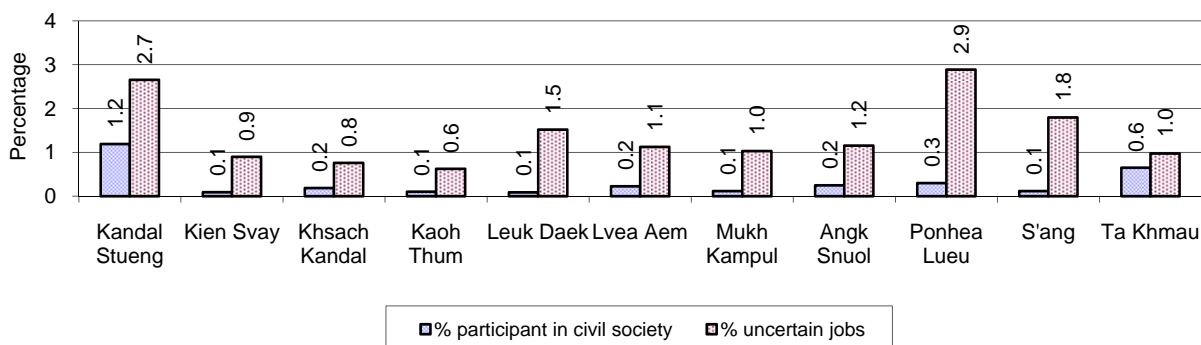
**Note:** Calculated as a percentage of the total number of families in each district

### 10.3 Women's involvement, 2006-2008

Description	2006 %	2007 %	2008	
			%	Number
People participating in civil society	1%	1%	1%	7,196 person(s)
Women participating in civil society	0%	0%	0%	3,370 person(s)
People, 18-60 yrs, with uncertain/irregular jobs	4%	4%	3%	18,696 person(s)
Women, 18-60 yrs, with uncertain/irregular jobs	2%	2%	1%	9,419 person(s)

**Note:** Participation can be in NGOs, CBOs, credit groups, women's unions, parties and other civil society organizations. The first section is calculated as a percentage of the total population. The second section is calculated as a percentage of the total 18-60 year old population.

### 10.4 Percentage of Female Participants in Civil Society and of 18-60 year women with uncertain Jobs, by District, in 2008



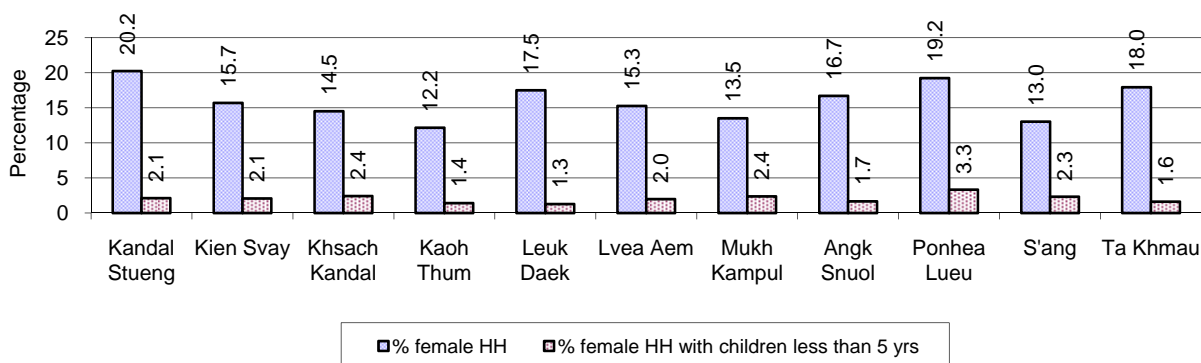
**Note:** Percentage of female participants in civil society is calculated as a percentage of the total population per district. The percentage of 18-60 years old women with uncertain jobs is calculated as a percentage of the total 18-60 year old population per district.

### 10.5 Female-headed Households, 2006-2008

Families with:	2006	2007	2008	
	%	%	%	Number
Households in which a woman is the family head	16%	16%	16%	38,941 families
Households in which a woman is the family head with children of less than 5 yrs	2%	2%	2%	5,280 families

**Note:** Calculated as a percentage of the total number of families

### 10.6 Percentage female-headed Households and with Children of less than 5 years old, by District in 2008



**Note:** Calculated as a percentage of the total number of families in each district  
HH: Headed Household

## 11 Indigenous People in the District

### 11.1 Ethnic Minorities in the District, 2006-2008

Race of indigenous	2006		2007		2008	
	# families	# population	# families	# population	# families	# population
Phnong	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Kouy	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Stieng	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Mil	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Kroal	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Thmorn	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Khaonh	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Tompouonn	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Charay	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Kroeung	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Kavet	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Saouch	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Lun	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Kachak	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Praov	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
Others	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)
<b>Total</b>	0 families	0 person(s)	0 families	0 person(s)	0 families	0 person(s)

**Note:** "Others" refer to other ethnic groups which are not listed.

### 11.2 Other Minorities in the District, 2006-2008

Minority	2006		2007		2008	
	# families	# population	# families	# population	# families	# population
Khmer Islamic	3,221 families	14,923 person(s)	2,333 families	9,499 person(s)	3,145 families	14,270 person(s)
Vietnamese	5,010 families	28,116 person(s)	4,282 families	24,979 person(s)	4,532 families	26,787 person(s)
Laos	0 families	3 person(s)	0 families	34 person(s)	0 families	3 person(s)

**Note:** Number of indigenous and minority population are additional data, so some village may not recorded.



## **SECTION C: PLANS AND PROJECTS**





## 12 Priorities and Plans

### 12.1 Priorities of the Districts in the Province for 2009 by Sector

Below data summarized by sub-sector from the District Priority Activity Matrix (DPAM) taken from the CDPD. The DPAM is used for the District Integration Workshop (DIW), to show what kind of projects the Communes have proposed in their Commune Investment Plan (CIP) for 2009. Donors, departments and other agencies then considers which projects they want to support and which projects they are not interested in. This results in Temporary Agreements between the Commune Council and the Supporter (NGO, Department, private donor, etc).

Sub Sector	Type of Activities	District											
		Kandal Stueng		Kien Svay		Khsach Kandal		Kaoh Thum		Leuk Daek		Lvea Aem	
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
<b>Economic</b>													
Agriculture	Crop cultivation training	79	22	23	10	18	10	46	11	15	7	23	14
	Livestock health	26	17	13	9	8	7	23	11	15	7	14	11
	Livestock training	21	16	8	7	4	4	20	8	6	4	8	7
	Farmer community support	4	4	1	1	2	2	8	7	6	5	4	4
	Agriculture inputs	11	8	0	0	6	4	8	6	4	3	1	1
	Fisheries	2	2	1	1	0	0	0	0	2	2	0	0
Roads	Road infrastructure	0	0	0	0	0	0	0	0	0	0	1	1
	Road committee	8	6	0	0	5	5	0	0	0	0	0	0
	Road infrastructure construction	15	11	6	5	8	7	7	4	8	5	6	5
	Road infrastructure rehabilitation	25	20	10	9	19	16	8	5	4	4	22	15
Irrigations	Irrigation management	2	2	0	0	1	1	1	1	0	0	0	0
	Irrigation infrastructure construction	25	15	1	1	6	4	2	1	5	4	2	2
	Irrigation infrastructure rehabilitation	35	17	4	3	21	14	15	9	6	6	12	9
Credit	Cash credit	3	2	0	0	1	1	2	2	1	1	1	1
	Agriculture inputs credit	4	3	0	0	5	4	1	1	0	0	0	0
	Animal bank	2	2	0	0	1	1	1	1	0	0	0	0
	Credit management	2	2	0	0	0	0	0	0	1	1	0	0
Rural economy	Rural market	0	0	0	0	0	0	0	0	0	0	1	1
	Tourist side	0	0	0	0	0	0	0	0	0	0	0	0
	Others	4	4	3	3	1	1	3	3	1	1	2	2
<b>Social</b>													
Health	Reproductive health	30	17	15	11	18	13	35	11	17	7	9	7
	HIV/AIDS	18	15	8	8	7	6	20	10	8	5	6	6
	Health campaign	25	12	4	4	4	4	31	11	11	7	8	7

Sub Sector	Type of Activities	District											
		Kandal Stueng		Kien Svay		Khsach Kandal		Kaoh Thum		Leuk Daek		Lvea Aem	
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
	Immunization	25	21	13	11	17	13	13	9	12	7	11	8
	Health service delivery	8	7	0	0	4	2	11	6	5	3	6	5
	Health capacity building	8	7	0	0	2	2	8	7	2	2	2	2
	Health management	0	0	0	0	0	0	4	4	0	0	0	0
	TBA support/training	0	0	0	0	3	3	1	1	1	1	0	0
	Tuberculosis control	0	0	0	0	2	2	3	3	0	0	1	1
	Malaria control	0	0	0	0	1	1	0	0	0	0	1	1
	Dengue fever control	4	4	4	4	7	6	11	9	4	3	11	8
	Health equity fund	0	0	0	0	1	1	0	0	0	0	0	0
	Health center operation	0	0	0	0	1	1	0	0	1	1	1	1
	Early child care	5	4	0	0	0	0	10	6	4	3	1	1
	Child health care	2	2	0	0	3	3	1	1	0	0	0	0
	Deworming	0	0	0	0	3	3	0	0	0	0	0	0
	Iodized salt	1	1	0	0	0	0	0	0	0	0	0	0
	Domestic sanitation	16	15	1	1	5	5	1	1	4	4	4	4
	Health infrastructure construction	0	0	1	1	6	6	0	0	2	2	4	4
	Health infrastructure rehabilitation	0	0	0	0	1	1	0	0	0	0	1	1
	Water supply	8	7	1	1	4	4	2	2	3	2	8	8
	Drinking wells/pond construction	13	10	1	1	4	4	1	1	0	0	2	2
Drinking wells/pond rehabilitation	7	5	0	0	2	2	1	1	0	0	0	0	
Education	Literacy	0	0	0	0	0	0	0	0	2	2	0	0
	School building	7	6	5	4	5	5	4	4	9	6	4	4
	Kindergarten and child care	7	6	1	1	2	1	0	0	0	0	1	1
	School enrollment	6	4	3	3	1	1	3	3	0	0	0	0
	School dropout reduction	3	2	0	0	4	3	1	1	3	3	1	1
	Vocational training	31	13	0	0	11	7	9	7	2	2	6	4
	Non formal education	1	1	0	0	0	0	0	0	0	0	1	1
	School capacity building	1	1	0	0	0	0	0	0	0	0	0	0
	Youth related activities	30	23	0	0	1	1	2	2	1	1	1	1
Social other	Disabled people	1	1	0	0	0	0	1	1	0	0	0	0
	Relief	0	0	2	2	0	0	2	2	7	4	4	3
	Culture	7	6	0	0	1	1	3	3	0	0	0	0
	Orphan children	1	1	1	1	0	0	0	0	0	0	0	0

Sub Sector	Type of Activities	District											
		Kandal Stueng		Kien Svay		Khsach Kandal		Kaoh Thum		Leuk Daek		Lvea Aem	
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
	Vulnerable people	7	5	0	0	0	0	1	1	2	2	1	1
	Religion	0	0	0	0	1	1	1	1	0	0	0	0
	Elderly people	6	6	0	0	0	0	7	7	0	0	0	0
<b>NREM</b>													
NREM education	NREM training	38	20	23	12	28	14	23	11	17	7	22	12
	NREM campaign	5	5	0	0	4	4	0	0	1	1	1	1
Natural resource protection	Tree planting	18	18	0	0	3	3	1	1	2	2	0	0
	Fisheries protection	10	7	1	1	17	11	6	5	1	1	13	10
	Forestry protection	0	0	0	0	0	0	0	0	0	0	0	0
	Wildlife/temple protection	4	4	2	2	0	0	9	7	2	2	3	3
Environmental management	Waste/pollution control	14	10	3	2	12	6	6	5	1	1	5	4
<b>Administration and Security</b>													
CS Administration	CS capacity building	17	12	9	7	24	10	3	3	11	5	9	7
	CS planning formulation	0	0	2	1	3	2	0	0	0	0	0	0
	CS furniture/supplies	10	10	2	2	14	11	2	2	2	2	12	11
	Land used planning	19	16	5	5	13	10	1	1	7	4	6	5
Local Security	Local security	55	21	11	8	23	13	21	8	6	5	5	5
Local Society	Information dissemination	44	23	9	6	9	6	35	11	8	6	22	10
	Community organization	4	3	0	0	1	1	0	0	0	0	0	0
<b>Gender</b>													
Gender policy support	Gender mainstreaming	32	15	9	9	12	10	6	4	5	5	10	8
	Gender capacity building	29	17	8	6	2	2	16	8	3	2	3	3
	Women and children rights	22	16	2	2	20	11	5	5	4	3	4	4
	Skill training for women	24	14	1	1	16	11	12	8	4	4	12	9
Gender legal protection	Domestic violence prevention	43	22	8	8	24	17	15	11	5	5	13	12
	Anti-trafficking	11	11	6	5	7	6	5	5	6	6	3	3
	Child protection	7	6	1	1	1	1	7	5	8	5	0	0

Continue...

Sub Sector	Type of Activities	District										Total	
		Mukh Kampul		Angk Snuol		Ponhea Lueu		S'ang		Ta Khmau			
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
<b>Economic</b>													
Agriculture	Crop cultivation training	25	9	74	15	21	8	33	10	6	5	363	121
	Livestock health	8	7	25	13	8	5	9	8	13	6	162	101
	Livestock training	8	7	9	9	3	3	9	7	6	6	102	78
	Farmer community support	2	2	8	8	2	2	3	3	2	2	42	40
	Agriculture inputs	2	2	9	6	2	2	4	4	4	3	51	39
	Fisheries	0	0	1	1	0	0	1	1	0	0	7	7
Roads	Road infrastructure	0	0	2	2	6	6	0	0	0	0	9	9
	Road committee	0	0	0	0	0	0	0	0	0	0	13	11
	Road infrastructure construction	9	6	5	4	11	6	2	2	10	4	87	59
	Road infrastructure rehabilitation	11	8	28	16	17	12	21	13	7	6	172	124
Irrigations	Irrigation management	0	0	7	7	0	0	0	0	0	0	11	11
	Irrigation infrastructure construction	1	1	5	4	8	6	5	3	0	0	60	41
	Irrigation infrastructure rehabilitation	6	4	13	9	22	12	11	9	2	2	147	94
Credit	Cash credit	0	0	0	0	0	0	0	0	0	0	8	7
	Agriculture inputs credit	0	0	0	0	7	6	2	2	0	0	19	16
	Animal bank	1	1	7	7	1	1	1	1	0	0	14	14
	Credit management	0	0	0	0	0	0	0	0	0	0	3	3
Rural economy	Rural market	0	0	0	0	1	1	0	0	0	0	2	2
	Tourist side	0	0	0	0	1	1	0	0	0	0	1	1
	Others	2	2	6	5	5	5	1	1	6	6	34	33
<b>Social</b>													
Health	Reproductive health	8	7	7	5	14	10	18	14	20	6	191	108
	HIV/AIDS	9	6	14	10	6	6	11	10	11	6	118	88
	Health campaign	10	6	9	9	3	3	9	8	14	5	128	76
	Immunization	6	6	8	8	11	11	14	11	12	6	142	111
	Health service delivery	3	2	0	0	0	0	0	0	6	4	43	29
	Health capacity building	0	0	2	2	4	4	2	2	1	1	31	29
	Health management	0	0	0	0	0	0	0	0	0	0	4	4
	TBA support/training	1	1	0	0	1	1	0	0	0	0	7	7
	Tuberculosis control	0	0	0	0	2	2	0	0	0	0	8	8
	Malaria control	0	0	0	0	0	0	0	0	0	0	2	2
	Denque fever control	6	5	2	2	1	1	4	3	7	6	61	51

Sub Sector	Type of Activities	District										Total	
		Mukh Kampul		Angk Snuol		Ponhea Lueu		S'ang		Ta Khmau			
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
	Health equity fund	0	0	0	0	0	0	0	0	0	0	1	1
	Health center operation	1	1	0	0	0	0	0	0	0	0	4	4
	Early child care	0	0	0	0	1	1	1	1	3	3	25	19
	Child health care	0	0	0	0	0	0	0	0	1	1	7	7
	Deworming	0	0	0	0	0	0	0	0	0	0	3	3
	Iodized salt	0	0	0	0	0	0	1	1	0	0	2	2
	Domestic sanitation	0	0	6	6	1	1	4	4	0	0	42	41
	Health infrastructure construction	0	0	4	4	2	2	1	1	0	0	20	20
	Health infrastructure rehabilitation	0	0	0	0	1	1	1	1	0	0	4	4
	Water supply	3	3	1	1	1	1	9	8	6	6	46	43
	Drinking wells/pond construction	0	0	11	9	7	6	6	6	1	1	46	40
	Drinking wells/pond rehabilitation	2	1	8	7	10	6	0	0	0	0	30	22
Education	Literacy	0	0	0	0	0	0	1	1	0	0	3	3
	School building	3	3	6	6	7	4	14	11	2	2	66	55
	Kindergarten and child care	1	1	1	1	2	2	1	1	0	0	16	14
	School enrollment	1	1	1	1	0	0	5	5	2	2	22	20
	School dropout reduction	1	1	0	0	3	3	1	1	0	0	17	15
	Vocational training	4	3	2	2	7	6	14	7	7	5	93	56
	Non formal education	0	0	0	0	0	0	0	0	0	0	2	2
	School capacity building	1	1	0	0	0	0	0	0	0	0	2	2
Social other	Youth related activities	1	1	1	1	3	3	0	0	3	3	43	36
	Disabled people	0	0	0	0	0	0	0	0	0	0	2	2
	Relief	2	2	12	12	2	2	2	1	0	0	33	28
	Culture	0	0	0	0	1	1	0	0	3	3	15	14
	Orphan children	0	0	0	0	0	0	1	1	0	0	3	3
	Vulnerable people	0	0	0	0	1	1	0	0	1	1	13	11
	Religion	0	0	0	0	0	0	0	0	0	0	2	2
Elderly people	0	0	0	0	0	0	1	1	0	0	14	14	
<b>NREM</b>													
NREM education	NREM training	15	8	11	11	19	9	27	16	13	6	236	126
	NREM campaign	4	4	2	1	0	0	2	2	0	0	19	18
Natural resource protection	Tree planting	0	0	9	9	2	2	3	3	0	0	38	38
	Fisheries protection	9	7	11	6	14	10	9	6	3	3	94	67

Sub Sector	Type of Activities	District										Total	
		Mukh Kampul		Angk Snuol		Ponhea Lueu		S'ang		Ta Khmau			
		Act	Com	Act	Com	Act	Com	Act	Com	Act	Com	Act	Com
	Forestry protection	0	0	1	1	0	0	0	0	0	0	1	1
	Wildlife/temple protection	2	1	5	5	2	2	2	2	6	4	37	32
Environmental management	Waste/pollution control	4	3	2	2	9	6	9	7	17	6	82	52
<b>Administration and Security</b>													
CS Administration	CS capacity building	1	1	5	5	4	4	5	5	15	5	103	64
	CS planning formulation	0	0	0	0	0	0	0	0	1	1	6	4
	CS furniture/supplies	5	4	4	4	2	2	1	1	1	1	55	50
	Land used planning	7	6	9	8	16	12	17	12	4	4	104	83
Local Security	Local security	14	7	9	8	13	9	14	11	17	6	188	101
Local Society	Information dissemination	9	8	32	14	18	12	17	9	11	6	214	111
	Community organization	0	0	0	0	0	0	0	0	0	0	5	4
<b>Gender</b>													
Gender policy support	Gender mainstreaming	6	6	14	12	9	6	7	7	9	6	119	88
	Gender capacity building	7	3	13	7	7	7	10	8	7	5	105	68
	Women and children rights	2	2	1	1	7	7	3	3	0	0	70	54
	Skill training for women	4	3	3	3	11	7	11	9	2	1	100	70
Gender legal protection	Domestic violence prevention	10	8	13	13	15	14	16	15	7	5	169	130
	Anti-trafficking	1	1	8	8	2	2	3	3	7	6	59	56
	Child protection	4	2	0	0	1	1	6	4	8	5	43	30

**Act.:** number of activities proposed relating to a sub-sector.      **Com.:** number of communes that proposed activities relating to a sub-sector.

### 12.2 Total Expenditure on C/S Fund Projects by sector and district between 2005 and 2008

Sector	Total Cost in Million Riels										
	Kandal Stueng	Kien Svay	Khsach Kandal	Kaoh Thum	Leuk Daek	Lvea Aem	Mukh Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khmau
Irrigation	932.81	122.63	660.20	970.87	585.13	367.67	683.95	80.39	63.38	1,301.28	
Rural Domestic Water Supplies	53.06		68.82					123.70	230.18		
Rural Drainage and Flood Protection		50.03	8.30					41.90	32.97		501.61
Rural Transport	1,514.62	1,650.93	1,544.44	882.23	246.32	1,216.07	616.05	1,896.00	1,516.96	1,339.82	419.10

Source: PID

## 13 District level Projects from 2006 to 2009

District Initiative Projects are funded by Danida and DFID through the PSDD (UNDP, DFID and SIDA).

### **Funding for 2006-2008**

Between 2006 and 2008 there were 14 provinces funded by PSDD and 10 by Danida and DFID. The list of provinces and who funded them is below

#### *Danida and DFID funded DIPs:*

Kampong Cham	Kampong Speu	Koh Kong	Kratie	Monduliri
Pursat	Ratanakiri	Siem Reap	Sihanoukville	Kep

#### *PSDD funded DIPs:*

Banteay Meanchey	Battambang	Kampong Chhnang	Kandal	Phnom Penh
Prey Veng	Svay Rieng	Takeo	Kampong Thom	Preah Vihear
Stung Treng	Kampot	Oddar Meanchey	Pailin	

### **Funding for 2009**

In 2009 there was a change to the number of provinces funded by the two streams. Danida and DFID were still funding the same 10 provinces they had been funding the three years previous, but two more provinces were added *Kampong Thom and Kampot*. Now PSDD funded 12 provinces and Danida and DFID funded 12.

## 13.1 District Initiative Infrastructure Projects from 2006 to 2009

### 13.1.1 District Initiative Infrastructure Projects for 2006 to 2008

District/ Khan	Date	Project Name	Implementing Agencies	Budget (US\$)	Project Output & Capacity	Number of Beneficiaries
Kandal Stueng	2007	Rehabilitate dam and construct water gate 800 m	Inter-commune	8,144.00		
Kandal Stueng	2008	Construction of water gate -Kampong Dambauk	Inter-commune	8,000.00	1 watergate, 1206 ha irrigated	4 communes, 3591 families
Koah Thum	2006	Earth road rehabilitation	Inter-commune	12,685.00		
Koah Thum	2007	Rehabilitate earth road 4250 m	Inter-commune	9,250.00		
Koah Thum	2008	Construction of water gate -Tumnob Mlich Krabei Kaun	Inter-commune	8,000.00	1 watergate, 1800 ha irrigated	3 communes, 1044 families



### 13.1.2 District Initiative Infrastructure Projects in 2009

District	Project Name	Sector	Implementing Agency	Budget	Project outputs/ capacities	No. of Beneficiaries		Progress	Remarks on Issues of Progress
						Total	Female		
Kandal Steung	Laterite road project at Spean Thmor-Rolous commune - 1st project	RRD	PMC	\$17,797.50	3500m x 4	8,648	3,433	100%	It is a process of 2nd payment release
Kandal Steung	Laterite road repair project and a place of culvert	RRD	PMC	\$2,441.00	205m x 4m and culvert ø 60 x 8	8,648	3,433	80%	It is in a process of preparing document for the 1st payment (budget remains from 1st bidding) - 2nd project that is brand of first project
Kaoh Thom	Concrete bridge construction at Prek Doeum Chrer	RRD	PMC	\$17,366.00	9.2m x 4m	7,188	3,805	100%	It is a process of 2nd payment release

### 13.2 District Initiative Service Projects from 2006 to 2009

#### 13.2.1 District Initiative Service Projects for 2006 to 2008

District	Date	Project Names	Implementing agencies	Budget (US\$)	Project Output & Capacity	Number of Beneficiaries
Kandal Stoeung	2007	Training on security and public orders	District Office	301.00		
Kandal Stoeung	2007	Training on animal health and production	District Agri	740.00		
Kandal Stoeung	2007	Vocational training on agriculture for income generation groups	District Agri	844.00		
Kandal Stoeung	2007	Land Conflict Resolusion/Awareness training	District Land	704.50		
Kandal Stoeung	2007	Training on Domestic Violence Prevention	District WA	745.50		
Kandal Stoeung	2008	Training on mushroom growing technique	District Agri	1,244.00	7 trainings	210 people
Kandal Stoeung	2008	Training on animals health and production	District Agri	420.00	2 trainings	60 people
Kandal Stoeung	2008	Training on vegetable crops technique	District Agri	338.00	1 training	30 people
Kandal Stoeung	2008	Strengthening on Roles of CWCFPs at commune level	District WA	333.00	2 trainings	138 people
Kandal Stoeung	2008	Dissemination campaign Domestic Violence	District WA	358.00	1 training	72 people
Kandal Stoeung	2008	Training on awareness of Domestic Violence	District WA	120.00	2 trainings	60 people
Koah Thom	2006	Illegal fishing controls	Agriculture Department	500.00		
Koah Thom	2006	Education on use of natural fertilizers and pesticides	Agriculture Department	750.00		
Koah Thom	2006	Training on use of pesticides for crops	Agriculture Department	300.00		
Koah Thom	2006	Vocational training for former gangster members	District police inspection	750.00		
Koah Thom	2006	Strengthening water users groups	Water resource			

District	Date	Project Names	Implementing agencies	Budget (US\$)	Project Output & Capacity	Number of Beneficiaries
			Department	500.00		
Koah Thom	2006	Capacity building for woman and children focal persons	Women Affairs department	2,500.00		
Koah Thom	2006	Reduction of domestic violence	Women Affairs department	330.00		
Koah Thom	2007	Education and prevention from violation and social security	District Police	1,587.50		
Koah Thom	2007	Dissemination on intensive agriculture system in dry season	District Agri	823.00		
Koah Thom	2007	Dissemination and prevention from domestic violence	District WA	737.00		
Koah Thom	2008	Training on intergrated agriculture	District Agri	660.00	8 trainings	320 people
Koah Thom	2008	Training on awareness of insecticide usage	District Agri	578.00	6 trainings	300 people
Koah Thom	2008	Training on development works for Committee of CS Women and Children	District SA	443.00	4 trainings	240 people
Koah Thom	2008	Training on awareness of bird flu	District Health	564.00	6 trainings	300 people
Koah Thom	2008	Training on fish raising technique	District Fishery	178.00	1 training	40 people

**13.2.2 District Initiative Service Projects in 2009**

District	Project Name	Sector	Implementing Agency	Budget	Project outputs/ capacities	No. of Beneficiaries		Progress	Remarks on Issues of Progress
						Total	Female		
Kandal Stueng	Dissemination on law/ regulation of domestic violence and prevention of victims	GEN	WA Office	\$770.00	7 courses	280	138	100%	It is completely implented 100% with clearing out of advance payment
Kandal Stueng	Dissemination on traffic law	ADM	Police Inspection	\$448.00	6 courses	220	65	100%	It is completely implented 100% with clearing out of advance payment
Kandal Stueng	Dissemination on a general environmental law/regulation	NRM	Environment Office	\$932.50	3 courses	500	250	100%	It is completely implented 100% with clearing out of advance payment
Kandal Stueng	Dissemination on land law/regulation	LUM	LMUCC Office	\$4,036.50	23 courses	1150	600	35%	It is implemented only 8 courses of 23
Kaoh Thum	Dissemination on law/ regulation of domestic violence and prevention of victims	GEN	WA Office	\$1,245.00	8 courses	320	138	100%	It is completely implemented a 100%
Kaoh Thum	Dissemination on law/ regulation of the women-girl trafficking	SOC	WA Office	\$1,196.00	8 courses	320	138	100%	It is completely implemented a 100%
Kaoh Thum	Training on a technical use of chemical insecticide for Agriculture	AGR	Agriculture Office	\$1,520.00	10 courses	400	200	60%	It is completely done 6 courses of 10 already
Kaoh Thum	Training and demonstration on rice production	AGR	Agriculture Office	\$4,275.00	5 trainings and 5 demonstrations	2250	1125	40%	It is completely done 2 courses of 5 already

### 13.3 Inter Commune Council Projects in 2008 and 2009

#### 13.3.1 ICC Projects in 2008

Districts	Project Location	Beneficiary Commune/Sangkat	Outputs	Project Size	Unit	Contract Cost	Fund Sources	
							ICC Fund	Community
<b>Lvea Aem</b>	Beong Krum	Beong Krum, Lvea Sa	Earth road repair	2,960	Metre	\$29,900.00	\$30,000.00	\$250.00
<b>Total for Lvea Aem</b>						<b>\$29,900.00</b>	<b>\$30,000.00</b>	<b>\$250.00</b>
<b>Mukh Kampul</b>	Svay Ampear, Sambuor	Svay Ampear, Sambuor	Laterite road upgrade	2,070	Metre	\$28,600.00	\$29,000.00	\$200.00
	District office	8 communes	Domestic violence and prevention of victims	4	Session	\$1,000.00	\$1,000.00	\$0.00
<b>Total for Mukh Kampul</b>						<b>\$29,600.00</b>	<b>\$30,000.00</b>	<b>\$200.00</b>
<b>Angk Snuol</b>	Tuol Prech, Ponsang	Tuol Prech, Ponsang	Earth road repair	3,400	Metre	\$29,990.00	\$30,000.00	\$500.00
<b>Total for Angk Snuol</b>						<b>\$29,990.00</b>	<b>\$30,000.00</b>	<b>\$500.00</b>
<b>Leuk Daek</b>	Kampong Phnum	Kampong Phnum, Praeak Tonlob, Praeak Dach	School building construction	5	Rooms	\$36,000.00	\$34,760.00	\$1,240.00
			Repair of old secondary school building	10	Rooms			
	Kampong Phnum, Praeak Tonlob, Praeak Dach, Khpob Ateav, Sandar, Kaam Samnar, Peam Reang	Kampong Phnum, Praeak Tonlob, Praeak Dach, Khpob Ateav, Sandar, Kaam Samnar, Peam Reang	Training on corn seed selection	7	Session	\$1,050.00	\$1,050.00	\$0.00
	Kampong Phnum, Praeak Tonlob, Praeak Dach, Khpob Ateav, Sandar, Kaam Samnar, Peam Reang	Kampong Phnum, Praeak Tonlob, Praeak Dach, Khpob Ateav, Sandar, Kaam Samnar, Peam Reang	Training on land law	7	Session	\$1,400.00	\$1,400.00	\$0.00
<b>Total for Leuk Daek</b>						<b>\$38,450.00</b>	<b>\$37,210.00</b>	<b>\$1,240.00</b>
<b>Ponhea Lueu</b>	Kampong Os,	Kampong Os,	Earth road repair	850	Metre	\$24,200.00	\$30,000.00	\$350.00

Districts	Project Location	Beneficiary Commune/Sangkat	Outputs	Project Size	Unit	Contract Cost	Fund Sources	
							ICC Fund	Community
	Kaoh Chen	Kaoh Chen						
<b>Total for Ponhea Lueu</b>						<b>\$24,200.00</b>	<b>\$30,000.00</b>	<b>\$350.00</b>
S'ang	Krang Yov, Preaek Ambel	Krang Yov, Preaek Ambel	Canal rehabilitation Chhkae Koun	2,480	meter	\$28,850.00	\$29,000.00	\$200.00
			Single pipe culvert with gate	1	place			
	District office, Traeuy Sla, Setbou school	16 communes	Land law	5	sessions	\$1,000.00	\$1,000.00	\$0.00
	District office, Traeuy Sla	8 communes	Domestic violence and prevention of victims	3	sessions	\$750.00	\$750.00	\$0.00
<b>Total for S'ang</b>						<b>\$30,600.00</b>	<b>\$30,750.00</b>	<b>\$200.00</b>
<b>Total for Kandal</b>						<b>\$182,740.00</b>	<b>\$187,960.00</b>	<b>\$2,740.00</b>

### 13.3.2 ICC Projects in 2009

Districts	Project Location	Beneficiary Commune/Sangkat	Outputs	Project Size	Unit	Contract Cost	Fund Sources	
							ICC Fund	Community
Lovea Em	Koh Ras, Prek Khmeng	Koh Ras, Prek Khmeng	Earth Road Repair	1,880	Meter	\$17,125.00	\$17,125.00	N/A
	Koh Ras, Prek Khmeng	Koh Ras, Prek Khmeng	Earth Road Repair Extended	1,250	Meter	\$18,027.00	\$18,027.00	None
	Prek Rey, Svar Sar, Orus Sey	Prek Rey, Svar Sar, Orus Sey	Technical Training on Rice and Corn Production	3	Courses	\$750.00	\$750.00	
<b>Total for Lovea Em</b>						<b>\$35,902.00</b>	<b>\$35,902.00</b>	<b>\$0.00</b>
Muk Kampool	Bak Kheng, Prek Anhchanh	Bak Kheng, Prek Anhchanh	Concrete Bridge Construction	18	Meter	\$14,550.00	\$14,350.00	\$200.00
	All 9 communes	All 9 Communes	Domestic Violence and Protection of Victims	3	Courses	\$1,500.00	\$1,500.00	
<b>Total for Muk Kampool</b>						<b>\$16,050.00</b>	<b>\$15,850.00</b>	<b>\$200.00</b>
Ang Snuol	Damnak Ampil, Ov Lork, Samraung Lue	Damnak Ampil, Ov Lork, Samraung Leu	Earth road construction	2,510	Meter	\$24,090.00	\$23,790.00	\$300.00
	Prek Touch, Krang	Prek Touch, Krang	Earth road construction	3,800	Meter	\$28,700.00	\$28,300.00	\$400.00

Districts	Project Location	Beneficiary Commune/ Sangkat	Outputs	Project Size	Unit	Contract Cost	Fund Sources	
							ICC Fund	Community
	Mkak, Bueng Thom	Mkak, Boeng Thom						
	All 16 communes	All 16 Communes	Technical Training on Rice Production and Aquaculture	2	Courses	\$1,000.00	\$1,000.00	N/A
<b>Total for Ang Snuol</b>						<b>\$53,790.00</b>	<b>\$53,090.00</b>	<b>\$700.00</b>
Leuk Dek	Kampong Phnum	Kampong Phnum, Prek Tunleab, Prek Dach	School furniture (Desks, Tables, Blackboard)	125	Table	\$5,300.00	\$5,240.00	\$60.00
				5	Desk			
	5	Blackboard						
	Prek Dach, Peam Rang, Khaom Samnor	Prek Dach, Peam Rang, Khaom Samnor	Training and Demonstration on Rice and Corn Production	3	Courses	\$2,500.00	\$2,500.00	
<b>Total for Leuk Dek</b>						<b>\$7,800.00</b>	<b>\$7,740.00</b>	<b>\$60.00</b>
Punhea Loue	Kampong Os, Koh Chen	Kampong Os, Koh Chen	Earth road construction	686	Meter	\$27,000.00	\$26,700.00	\$300.00
<b>Total for Punhea Loue</b>						<b>\$27,000.00</b>	<b>\$26,700.00</b>	<b>\$300.00</b>
Sa Ang	Krang Yov, Koh Khel, Prek Ambel	Krang Yov, Koh Khel, Prek Ambel	Canal Rehabilitation	2,700	Meter	\$27,700.00	\$27,550.00	\$150.00
	All 16 communes	All 16 Communes	Domestic Violence and Protection of Victims	4	Courses	\$2,000.00	\$2,000.00	N/A
	All 16 communes	All 16 Communes	Criminal Law Education	4	Courses	\$2,000.00	\$2,000.00	N/A
<b>Total for Sa Ang</b>						<b>\$31,700.00</b>	<b>\$31,550.00</b>	<b>\$150.00</b>
<b>Total for Kandal</b>						<b>\$172,242.00</b>	<b>\$170,832.00</b>	<b>\$1,410.00</b>

**Source:** ICC project, Ministry of Interior (DoLA), -UNDP project for Local Governance – DDLG

## 13.4 Provincial Investment Fund (PIF) and District Investment Fund (DIF)

The PIF and DIF receive funding from a range of donors – PSSD, DANIDA, UNICEF, IFAD and CANADA. However in this section we only include the PIF and DIF projects funded by PSSD and DANIDA through NRML.

### 13.4.1 PIF and DIF 2008

NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
<b>Unit Title: Support to Contract Admin Unit</b>			<b>Unit Number: 08/CAU/08-01</b>
CAU staff support costs	Month	12	\$ 18,875.00
Program support staff	Month	12	\$ 3,360.00
Program administrative support	Month	12	\$ 14,440.00
Publicity	Month	12	\$ 6,600.00
Program meetings and workshops	Month	12	\$ 3,352.00
Other program support costs	Month	12	\$ 6,705.00
Training and capacity building by/for CAU	Person-Day	(58F+64M) X 8D	\$ 356.00
Contingencies			\$ 4,288.20
<b>Sub-total of unit</b>			<b>\$ 57,976.20</b>
<b>Unit Title: Support to Finance Unit</b>			<b>Unit Number: 08/FIN/08-01</b>
Support to ExCom Finance staff	Month	12	\$ 8,288.00
Support to Provincial Treasury staff	Month	12	\$ 22,048.00
Other FU cost	Month	12	\$ 1,600.00
Training and capacity building by/for Finance staff	Person-Day	(50F+70M) X 8D	\$ 312.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 32,248.00</b>
<b>Unit Title: Support to Technical Support Unit</b>			<b>Unit Number: 08/TSU/08-01</b>
Support to ExCom TSU	Month	12	\$ 22,042.00
Other TSU costs	Month	12	\$ 1,400.00
Training and Capacity Building for ExCom TSU	Person-Day	(3F+12M) X 20D	\$ 184.00
Training and Capacity Building by ExCom TSU	Person-Day	(115F+475M) X 1D	\$ 1,051.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 24,677.00</b>
<b>Unit Title: Support to Project to Support Democratic Development through Decentralization and Deconcentration</b>			<b>Unit Number: 08/PSD/08-01</b>
PSSD staff support costs	Month	12	\$ 16,828.00
PSSD support staff	Month	13	\$ 3,900.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 20,728.00</b>
<b>Unit Title: Support to Local Administration Unit / PoLA</b>			<b>Unit Number: 08/LAU/08-01</b>
Support to ExCom LAU	Month	12	\$ 72,150.80
Accountability Working Group	Month	12	\$ 506.00
Other LAU costs	Month	12	\$ 7,252.00
CCWC	Committee	147	\$ 32,650.00
Training and Capacity Building for ExCom LAU	Person-Day	(12F+50M) X 15D	\$ 1,370.00
Training and Capacity Building by ExCom LAU	Day	(257F+443M) X 13D	\$ 8,276.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 122,204.80</b>
<b>Contract Title: Agriculture Technique Extension</b>			<b>Contract Number: 08/AGR/0801-00</b>
Agronomy demonstration (fruit tree, rice, vege, crop)	Demo or Site	7	\$ 3,676.00
Livestock improvement demonstration (pig, chicken, and forage)	Demo or Site	12	\$ 912.00
Operational Support	Month / item	12	\$ 1,340.00
Monitoring	Person-Day	72	\$ 660.00
Evaluation	Report	2	\$ 555.40
Selected outstanding farmers trained to be VLAs.	Person-Day	(9F+63M) X 30D	\$ 8,402.60
Farmers trained on related agronomy extension techniques and demonstration.	Person-Day	(125F+200M) X 3D	\$ 4,100.00
The implementing staff trained	Person-Day	(2F+14M) X 1D	\$ 320.00
Contingencies			\$ 509.00
<b>Sub-total of contract</b>			<b>\$ 20,475.00</b>
<b>Contract Title: District Initiative Program Kandal Steung</b>			<b>Contract Number: 08/D01/0801-00</b>
Office stationary and supplies	Per-month	12	\$ 1,329.00
Water control structures	Structure	1	\$ 8,237.50
Farmers trained on related integrated farming systems	Person-Day	(100F+110M) X 1D	\$ 2,002.00



NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
Domestic violence prevention training	Person-Day	(150F+150M) X 1D	\$ 811.00
Contingencies			\$ 120.50
<b>Sub-total of contract</b>			<b>\$ 12,500.00</b>
<b>Contract Title: District Initiative Program Koh Thom</b>		<b>Contract Number: 08/D04/0801-00</b>	
Office stationary and supplies	Per-month	12	\$ 1,605.00
Water control structures	Structure	1	\$ 8,385.50
Farmers trained on related integrated farming systems	Person-Day	(89F+711M) X 1D	\$ 1,238.00
Capacity building to PDWVA staff	Person-Day	(150F+90M) X 1D	\$ 443.00
Continuing health education	Person-Day	(120F+180M) X 1D	\$ 564.00
Farmers trained on related Fisheries extension techniques and demonstration	Person-Day	(30F+10M) X 1D	\$ 178.00
Contingencies			\$ 86.50
<b>Sub-total of contract</b>			<b>\$ 12,500.00</b>
<b>Contract Title: Support to non-formal education</b>		<b>Contract Number: 08/EDU/0801-00</b>	
NFE classes	Class (25 students)	8	\$ 2,489.00
NFE materials	Set	8	\$ 592.00
Operational Support	Month / item	12	\$ 385.00
Monitoring	Person-Day	48	\$ 396.00
Evaluation	Report	2	\$ 282.50
Teacher training	Person-Day	(3F+5M) X 5D	\$ 717.00
Contingencies			\$ 138.50
<b>Sub-total of contract</b>			<b>\$ 5,000.00</b>
<b>Contract Title: Support gender Mainstreaming in PSDD</b>		<b>Contract Number: 08/GEN/0801-01</b>	
Gender networking	Meeting	36	\$ 3,146.20
DWVA support to gender mainstreaming	Meeting	159	\$ 382.20
Domestic violence prevention / trafficking prevention program	Person-Day	300	\$ 4,394.80
Operational Support	Month / item	12	\$ 1,070.00
Monitoring	Person-Day	44	\$ 264.00
Evaluation	Report	2	\$ 224.00
Domestic violence prevention training	Person-Day	(81F+85M) X 11D	\$ 3,159.10
Capacity building to PDWVA staff	Person-Day	(16F+0M) X 3D	\$ 520.00
Contingencies			\$ 89.70
<b>Sub-total of contract</b>			<b>\$ 13,250.00</b>
<b>Contract Title: Health Care Support</b>		<b>Contract Number: 08/HEA/0801-00</b>	
Operational Support	Month / item	12	\$ 3,840.00
Monitoring	Person-Day	25	\$ 208.00
Evaluation	Report	2	\$ 130.00
Health centres	Health Centre	1	\$ 20,235.00
Contingencies			\$ 117.00
<b>Sub-total of contract</b>			<b>\$ 24,530.00</b>
<b>Contract Title: Awareness raising of land use law</b>		<b>Contract Number: 08/LUM/0801-00</b>	
Operational Support	Month / item	12	\$ 220.00
Monitoring	Person-Day	15	\$ 90.00
Evaluation	Report	2	\$ 255.00
Land conflict resolution/awareness training	Person-Day	(41F+60M) X 4D	\$ 3,316.40
Contingencies			\$ 118.60
<b>Sub-total of contract</b>			<b>\$ 4,000.00</b>
<b>Contract Title: Strategic Environmental Education</b>		<b>Contract Number: 08/NRM/0801-00</b>	
Operational Support	Month / item/person	12	\$ 363.00
NREM Education campaign	Event	2	\$ 2,030.00
Monitoring	Person-Day	45	\$ 216.00
Evaluation	Report	2	\$ 382.00
NREM awareness and education	Person-Day	(1266F+1914M) X 1D	\$ 1,651.00
NREM strategy	Person-Day	(363F+812M) X 1D	\$ 568.00
Contingencies			\$ 90.00
<b>Sub-total of contract</b>			<b>\$ 5,300.00</b>
<b>Contract Title: Support Awareness Raising of Traffic Law</b>		<b>Contract Number: 08/PBW/0801-00</b>	
Operational Support	Month / item	12	\$ 220.00
Monitoring	Person-day	24	\$ 144.00
Evaluation	Report	1	\$ 220.20
Training on traffic awareness	Person-Day	(23F+25M) X 22D	\$ 4,346.00
Contingencies			\$ 69.80
<b>Sub-total of contract</b>			<b>\$ 5,000.00</b>
<b>Contract Title: Support to Information and Communication Sector</b>		<b>Contract Number: 08/PIN/0801-00</b>	

NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
Operational Support	Month / item	12	\$ 400.00
Monitoring	Person-day	12	\$ 48.00
Evaluation	Report	1	\$ 90.00
Video telecasts	Telecast	28	\$ 852.00
Awareness raising on Good Governance	Person	15000	\$ 550.00
Contingencies			\$ 60.00
<b>Sub-total of contract</b>			<b>\$ 2,000.00</b>
<b>Contract Title: Support to provincial development planning process</b>		<b>Contract Number: 08/PLA/0801-00</b>	
Provincial Development Plan	PDP	1	\$ 1,596.00
District Integration	Workshop	11	\$ 2,548.00
Commune database	Data book	147	\$ 5,113.40
Operational Support	Month / item	12	\$ 1,740.00
Monitoring	Person-Day	77	\$ 621.00
Contingencies			\$ 231.60
<b>Sub-total of contract</b>			<b>\$ 11,850.00</b>
<b>Contract Title: Rehabilitation of Rural Road</b>		<b>Contract Number: 08/RRD/0801-00</b>	
Operational Support	Month / item	12	\$ 4,840.00
Monitoring	Person-Day	56	\$ 336.00
Road construction/rehabilitation	Metre	1800	\$ 19,524.00
Evaluation	Report	1	\$ 147.50
Routine maintenance	Metre	1800	\$ 202.00
Contingencies			\$ 250.50
<b>Sub-total of contract</b>			<b>\$ 25,300.00</b>
<b>Contract Title: Irrigation System and Infrastructure Rehabilitation and Maintenance</b>		<b>Contract Number: 08/WRM/0801-00</b>	
Operational Support	Month / item	12	\$ 16,234.50
Monitoring	Person-Day	24	\$ 324.00
Evaluation	Report	1	\$ 325.50
Irrigation systems plan	Plan	1	\$ 18,910.00
Training for water user communities	Person-Day	(80F+200M) X 1D	\$ 571.00
Capacity building provided on water resources management	Person-Day	(5F+19M) X 1D	\$ 480.00
Contingencies			\$ 235.00
<b>Sub-total of contract</b>			<b>\$ 37,080.00</b>
<b>GRAND TOTAL</b>			<b>\$ 436,619.00</b>

Note: M= Male, F= Female, D=day

### 13.4.2 PIF and DIF Projects for 2009

NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
<b>Unit Title: Support to Contract Admin Unit</b>		<b>Unit Number: 08/CAU/09-01</b>	
CAU staff support costs	Month	12	\$ 19,280.00
Program administrative support	Month	12	\$ 18,020.00
Program support staff	Month	12	\$ 3,360.00
Publicity	Month	12	\$ 6,520.00
Program meetings and workshops	Month	12	\$ 4,090.00
Other program support costs	Month	12	\$ 21,957.00
Training and capacity building by/for CAU	Person-Day	(58F+64M) X 1D	\$ 1,370.00
Contingencies			\$ 5,727.00
<b>Sub-total of unit</b>			<b>\$ 80,324.00</b>
<b>Unit Title: Support to Finance Unit</b>		<b>Unit Number: 08/FIN/09-01</b>	
Support to ExCom Finance staff	Month	12	\$ 8,216.00
Support to Provincial Treasury staff	Month	12	\$ 22,078.00
Other FU cost	Month	12	\$ 400.00
Training and capacity building by/for Finance staff	Person-Day	(50F+70M) X 1D	\$ 360.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 31,054.00</b>
<b>Unit Title: Support to Technical Support Unit</b>		<b>Unit Number: 08/TSU/09-01</b>	
Support to ExCom TSU	Month	12	\$ 22,730.00
Other TSU costs	Month	12	\$ 500.00
Training and Capacity Building for ExCom TSU	Person-Day	(3F+12M) X 20D	\$ 220.00
Training and Capacity Building by ExCom TSU	Person-Day	(115F+475M) X 1D	\$ 1,146.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 24,596.00</b>
<b>Unit Title: Support to Project to Support Democratic Development through Decentralization and Deconcentration</b>		<b>Unit Number: 08/PSD/09-01</b>	
PSDD staff support costs	Month	12	\$ 15,110.00
PSDD support staff	Month	13	\$ 5,850.00

NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 20,960.00</b>
<b>Unit Title: Support to Local Administration Unit / PoLA</b>		<b>Unit Number: 08/LAU/09-02</b>	
Support to ExCom LAU	Month	12	\$ 76,922.00
Accountability Working Group	Month	12	\$ 2,085.00
Other LAU costs	Month	12	\$ 2,352.00
CCWC	Committee	12	\$ 2,950.00
Training and Capacity Building for ExCom LAU	Person-Day	(12F+50M) X 15D	\$ 5,130.00
Training and Capacity Building by ExCom LAU	Day	(257F+443M) X 13D	\$ 15,047.00
Contingencies			\$ 0.00
<b>Sub-total of unit</b>			<b>\$ 104,486.00</b>
<b>Contract Title: Agriculture Technique Extension</b>		<b>Contract Number: 08/AGR/0901-00</b>	
Agronomy demonstration (fruit tree, rice, vege, crop)	Demo or Site	40	\$ 9,298.40
Livestock improvement demonstration (pig, chicken, and forage)	Demo or Site	1	\$ 2,870.50
Monitoring	Person-Day	130	\$ 975.00
Operational Support	Month / item	12	\$ 1,003.90
Evaluation	Report	2	\$ 351.00
Policy guidance and Technical Meeting	Meeting	9	\$ 378.20
Farmers trained on related agronomy extension techniques and demonstration.	Person-Day	(1239F+1610M) X 1D	\$ 6,041.00
Selected outstanding farmers trained to be VLAs.	Person-Day	(300F+1950M) X 1D	\$ 8,118.00
Farmers trained on related AH and P extension techniques and demonstration.	Person-Day	(300F+690M) X 1D	\$ 2,539.00
Contingencies			\$ 525.00
<b>Sub-total of contract</b>			<b>\$ 32,100.00</b>
<b>Contract Title: Support to District Initiative Program Kandal Stoeung</b>		<b>Contract Number: 08/D01/0901-01</b>	
Office stationary and supplies	Per-month	15	\$ 2,262.50
Road construction/rehabilitation	Metre	3600	\$ 20,238.50
Monitoring of projects and activities	Person-day	24	\$ 262.50
Reporting	Report	12	\$ 509.50
Evaluation of district subcontract	Workshop	1	\$ 137.00
Water control structures	Structure	1	\$ 4,800.00
Training on traffic rules and regulations	Person-Day	(14F+45M) X 6D	\$ 448.00
Domestic violence prevention training	Person-Day	(30F+90M) X 1D	\$ 770.00
NREM awareness and education	Person-Day	(114F+230M) X 1D	\$ 932.50
Land conflict resolution/awareness training	Person-Day	(250F+750M) X 1D	\$ 4,036.50
Contingencies			\$ 403.00
<b>Sub-total of contract</b>			<b>\$ 34,800.00</b>
<b>Contract Title: Support to District Initiative Program Koh Thom</b>		<b>Contract Number: 08/D04/0901-00</b>	
Office stationary and supplies	Per-month	12	\$ 2,125.00
Monitoring of projects and activities	Person-day	40	\$ 300.00
Reporting	Report	4	\$ 441.10
Evaluation of district subcontract	Workshop	1	\$ 107.00
Bridges	Bridge	1	\$ 18,350.00
Farmers trained on related integrated farming systems	Person-Day	(80F+200M) X 1D	\$ 5,795.00
Domestic violence prevention training	Person-Day	(150F+50M) X 1D	\$ 2,441.00
Contingencies			\$ 440.90
<b>Sub-total of contract</b>			<b>\$ 30,000.00</b>
<b>Contract Title: Support to Gender Mainstreaming in PSDD Kandal province</b>		<b>Contract Number: 08/GEN/0901-00</b>	
Gender networking	Meeting	36	\$ 3,587.50
Domestic violence prevention / trafficking prevention program	Person-Day	68	\$ 2,033.00
Operational Support	Month / item	12	\$ 700.00
Monitoring	Person-Day	61	\$ 531.00
Evaluation	Report	1	\$ 152.00
Capacity building to PDWVA staff	Person-Day	(16F+3M) X 1D	\$ 635.00
Training gender mainstreaming to CC's	Person-Day	(2170F+745M) X 1D	\$ 555.00
Domestic violence prevention training	Person-Day	(400F+59M) X 1D	\$ 4,668.00
Contingencies			\$ 388.50
<b>Sub-total of contract</b>			<b>\$ 13,250.00</b>
<b>Contract Title: Support Land Use Management Law</b>		<b>Contract Number: 08/LUM/0901-00</b>	
Operational Support	Month / item	12	\$ 188.00
Monitoring	Person-Day	18	\$ 135.00
Evaluation	Report	1	\$ 75.00
Land conflict resolution/awareness training	Person-Day	(740F+1060M) X 1D	\$ 2,124.00

NCDD Standard Outputs			Budget
Output Description	Unit	Quantity	
Contingencies			\$ 78.00
<b>Sub-total of contract</b>			<b>\$ 2,600.00</b>
<b>Contract Title: Support to Strategic Environmental and Solid Waste Disposal Education</b>		<b>Contract Number: 08/NRM/0901-00</b>	
NREM Education campaign	Event	2	\$ 3,530.00
Evaluation	Report	1	\$ 57.50
Monitoring	Person-Day	40	\$ 352.50
Operational Support	Month / item/person	12	\$ 465.00
NREM awareness and education	Person-Day	(1300F+2200M) X 1D	\$ 2,712.50
NREM strategy	Person-Day	(1460F+2625M) X 1D	\$ 745.00
Contingencies			\$ 197.50
<b>Sub-total of contract</b>			<b>\$ 8,060.00</b>
<b>Contract Title: Support to Awareness Raising of Traffic Law</b>		<b>Contract Number: 08/PBW/0901-00</b>	
Operational Support	Month / item	12	\$ 247.00
Monitoring	Person-day	30	\$ 165.00
Evaluation	Report	1	\$ 175.00
Training on traffic awareness	Person-Day	(603F+2200M) X 1D	\$ 7,343.00
Contingencies			\$ 220.00
<b>Sub-total of contract</b>			<b>\$ 8,150.00</b>
<b>Contract Title: Support to Information and Communication Sector</b>		<b>Contract Number: 08/PIN/0901-00</b>	
Operational Support	Month / item	12	\$ 716.00
Monitoring	Person-day	20	\$ 60.00
Evaluation	Report	1	\$ 100.00
Video telecasts	Telecast	3	\$ 1,190.00
Contingencies			\$ 64.00
<b>Sub-total of contract</b>			<b>\$ 2,130.00</b>
<b>Contract Title: Support to Provincial Development Planning Process</b>		<b>Contract Number: 08/PLA/0901-00</b>	
Provincial Development Plan	PDP	1	\$ 1,880.00
District Integration	Workshop	1	\$ 2,619.00
Commune database	Data book	1	\$ 5,419.20
Monitoring	Person-Day	40	\$ 606.00
Operational Support	Month / item	12	\$ 867.00
Contingencies			\$ 393.80
<b>Sub-total of contract</b>			<b>\$ 11,785.00</b>
<b>Contract Title: Support to Rehabilitation of Rural Road</b>		<b>Contract Number: 08/RRD/0901-01</b>	
Road construction/rehabilitation	Metre	2050	\$ 32,026.00
Operational Support	Month / item	12	\$ 240.00
Monitoring	Person-Day	20	\$ 105.00
Evaluation	Report	1	\$ 175.00
Routine Maintenance	Metre	1	\$ 115.00
Contingencies			\$ 339.00
<b>Sub-total of contract</b>			<b>\$ 33,000.00</b>
<b>Contract Title: Support the Rural Water Sanitation Infrastructure</b>		<b>Contract Number: 08/WAS/0901-00</b>	
Drilled wells rehabilitation	Well	36	\$ 6,563.50
Monitoring	Person-Day	36	\$ 375.00
Operational Support	Month / item	12	\$ 169.00
Evaluation	Report	2	\$ 167.50
Contingencies			\$ 225.00
<b>Sub-total of contract</b>			<b>\$ 7,500.00</b>
<b>Contract Title: Support to Irrigation System and Infrastructure Rehabilitation and Maintenance</b>		<b>Contract Number: 08/WRM/0901-01</b>	
Irrigation systems plan	Plan	4	\$ 35,413.00
Monitoring	Person-Day	1	\$ 685.50
Operational Support	Month / item	12	\$ 639.40
Evaluation	Report	1	\$ 329.60
Training for water user communities	Person-Day	(70F+150M) X 1D	\$ 1,898.50
Capacity building provided on water resources management	Person-Day	(2F+5M) X 1D	\$ 740.00
Contingencies			\$ 594.00
<b>Sub-total of contract</b>			<b>\$ 40,300.00</b>
<b>GRAND TOTAL</b>			<b>\$ 485,095.00</b>

**Note:** M= Male, F= Female, D=day

## **13.5 Other projects in the Province**

### **13.5.1 Rural Poverty Reduction Program (RPRP)**

*There are no RPRP projects being implemented in this district or province at this time. The RPRP is only being implemented in Svay Rieng and Prey Veng*

#### **13.5.1.1 RPRP Projects from 2006 to 2008**

*No RPRP projects in this province at this time*

#### **13.5.1.2 RPRP Projects in 2009**

*No RPRP projects in this province at this time*

### **13.5.2 Seth Korma 2007 to 2009**

#### **13.5.2.1 Seth Korma 2007 Estimated Expenditure and Outputs in 2007**

*There are no Seth Korma projects being implemented in this province at this time.*  
Source: UNICEF

#### **13.5.2.2 Seth Korma 2008 Estimate Expenditure and Outputs in 2008**

*There are no Seth Korma projects being implemented in this province at this time.*  
Source: UNICEF

#### **13.5.2.3 Seth Korma 2009 Budget and planned Outputs**

*There are no Seth Korma projects being implemented in this province at this time.*  
**Source:** UNICEF



# **SECTION D: SERVICES AND ORGANIZATIONS**





## 14 Infrastructure

### 14.1 Lengths of and Expenditure on Roads in 2008 by District

Roads	KDL	Kandal Steung	Kien Svay	Khsach Kandal	Koah Thum	Leuk Deak	Lvea Aem	Muk Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khau
Length of paved road in the district (as meter)	316	33	51	2	29	27	n/a	45	17	49	38	25
Length of unpaved roads in the district	1,772	206	211	151	153	15	138	252	319	159	43	125
Amount spent on construction of roads in 2008	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Amount spent on repair and rehabilitation of roads in 2008	1,479,829	157,161	85,731	149,885	152,638	74,540	132,331	116,845	175,009	148,289	228,052	59,348

**Note 1:** Please note that these data are not necessarily complete or correct. The data are derived from government agencies at provincial and district level which used different recording systems, did not always have complete data or were, sometimes, less than willing to share their data.

**Note 2:** Please be aware that these data are incomplete due to the fact that the amounts for the construction, repair and rehabilitation recorded reflect only funds provided by the government, not the contributions by any other parties.

### 14.2 Scale of and Expenditure on Irrigation in 2008 by District

Irrigation	KDL	Kandal Steung	Kien Svay	Khsach Kandal	Koah Thum	Leuk Deak	Lvea Aem	Muk Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khau
Number of irrigation schemes operating in 2008 in meters	626	27	n/a	94	2	61	14	355	9	6	58	n/a
Total nr of hectares under irrigation in dry season 2008	42,040	1,701	5,461	4,877	n/a	4,700	6,649	2,406	n/a	6,330	9,907	9
Total funds spent in 2008 on construction of irrigation systems	69,569	8,769	0	n/a	0	0	12,500	0	n/a	n/a	48,300	n/a
Total funds spent in 2008 on rehabilitation/repair of irrigation systems	170,499	0	0	n/a	41,000	75,574	22,500	16,575	n/a	n/a	14,850	n/a
Total funds spent in 2008 on operation and maintenance	19,733	0	17,758	n/a	0	0	0	0	n/a	n/a	1,975	n/a

**Note 1:** Please note that these data are not necessarily complete or correct. The data are derived from government agencies at provincial and district level which used different recording systems, did not always have complete data or were, sometimes, less than willing to share their data.

**Note 2:** Please be aware that the data above are incomplete as these only reflect funds provided by the government, not the contributions by farmers or other parties.

### 14.3 Power Supply in 2008 by District

Electricity	KDL	Kandal Steung	Kien Svay	Khsach Kandal	Koah Thum	Leuk Deak	Lvea Aem	Muk Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khau
Total number of electricity connections to households	49,494	3,123	n/a	3,738	8,858	n/a	2,055	6,758	6,320	8,175	10,467	n/a
Total number of electricity connections to agencies, companies, organizations	124	17	n/a	0	n/a	8	n/a	3	75	n/a	21	n/a
Total volume in KWh of electricity consumed last in 2008	5,356,669	252,456	n/a	423,504	n/a	350,082	493,920	2,603,904	802	n/a	1,232,001	n/a
Total amount collected from users for consumed electricity	2,481,850	225,192	n/a	285,865	n/a	192,545	37,044	1,432,148	0	n/a	309,056	n/a
Per capita electricity consumption in 2008 in Kwh	21	140	n/a	23	n/a	3,809	240	384	n/a	n/a	288	n/a

**Note 1:** Please note that these data are not necessarily complete or correct. The data are derived from government agencies at provincial and district level which used different recording systems, did not always have complete data or were, sometimes, less than willing to share their data.

**Note 2:** These data only record electricity provided by electricity companies and does not include homes powered by generators or batteries (for this information see Section B: General Profile, Part 1: General Information; table 1.3.1 and chart 1.3.4).

**Note 3:** In most provinces electricity is only provided through town-based networks

**Note 4:** Per capita consumption is calculated by dividing the total volume of electricity produced in 2008 by the number of people living in each district as per the 2008 census (for the provincial data it is calculated against the number of people living in the province)

## 15 Health Facilities

Please note that the Operational District (health) boundaries are different from the administrative district boundaries. Therefore the data provided here show the facilities, staff, NGOs etc in each Operational District within the province NOT the usual administrative district.

### Acronyms

<b>Com Cov</b>	Commune Covered	<b>MW2</b>	Secondary Midwives
<b>CPA</b>	Complementary Package of Activities	<b>NU1</b>	Primary Nurse
<b>Dr</b>	Doctor	<b>NU2</b>	Secondary Nurse
<b>FDH</b>	Former District Hospital	<b>OD</b>	Operational District
<b>HC</b>	Health Center	<b>Others</b>	Other Staffs
<b>HC (NB)</b>	Health Center no building	<b>PHD</b>	Provincial Health Department
<b>HP</b>	Health Post	<b>Pop 04-05</b>	Population Covered 2004 or 2005
<b>MA</b>	Medical Assistant	<b>RH</b>	Referral Hospital
<b>MPA</b>	Minimum Package of Activities	<b>Vil Cov</b>	Village Covered
<b>MW1</b>	Primary Midwives	<b>VIL-HC</b>	Distance from Village to Health Center

### 15.1 Health Facilities by Operational District

Kandal	OD	RH	HC	HP
Ang Snuol	1	1	8	
Kean Svay	1	1	17	
Koh Thom	1	1	12	
Ksach Kandal	1	1	9	
Muk Kam Poul	1	1	6	
Ponhea Leu	1	1	10	
Saang	1	1	12	
Takhmau	1	1	15	
<b>Total</b>	<b>8</b>	<b>8</b>	<b>89</b>	<b>0</b>

## 15.2 Health Facilities and Staff by Operational District, 2008

This table shows health facilities, number of staff by type and coverage of health facilities in each operational district.

No	Facility Name	Type	Class	Dr	Ma	Nu2	Nu1	Mw2	Mw1	Others	Com Cov	Vil Cov	Pop. 04-05
<b>Ang Snuol</b>													
1	Baek Chan	FDH	MPA	1	4	5	6	0	1	6	2	37	19,013
2	Damnak Ampil	HC	MPA	0	0	1	3	1	1	0	2	30	12,251
3	Kamboul	HC	MPA	1	0	1	2	0	1	1	2	35	18,537
4	Mkak	HC	MPA	0	0	3	1	1	1	0	1	29	10,655
5	Peuk	HC	MPA	0	0	3	2	1	0	0	2	29	11,117
6	Prey Puoch	HC	MPA	0	0	2	1	1	0	0	2	38	11,671
7	Samraong Leu	HC	MPA	0	0	0	2	0	0	0	2	53	14,619
<b>Total:</b>				<b>2</b>	<b>4</b>	<b>15</b>	<b>17</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>13</b>	<b>251</b>	<b>97,863</b>
<b>Kean Svay</b>													
1	Snao	HC	MPA	0	0	2	2	0	0	0	3	56	15,903
2	Arey Ksat	HC	MPA	0	0	1	4	1	0	0	1	4	10,528
3	Banteay Daek	HC	MPA	0	1	0	2	1	0	5	1	3	13,144
4	Dei Edth	HC	MPA	0	1	0	3	0	1	2	1	3	15,775
5	Kampong Phnum	HC	MPA	0	0	2	3	0	1	1	1	4	14,315
6	Kbal Koh	HC	MPA	0	1	1	1	2	0	2	1	3	16,026
7	Koh Kaev	HC	MPA	0	0	2	3	0	0	0	3	8	12,815
8	Kokir Thum	HC	MPA	0	1	4	1	1	0	1	1	4	12,413
9	Peam Oknha Ong	FDH	CPA+MPA	0	1	1	3	2	3	4	3	9	14,012
10	Phum Thum/KoKi	HC	MPA	0	0	2	3	1	1	2	2	7	27,860
11	Preaek Aeng	HC	MPA	0	2	2	0	2	1	1	2	10	21,517
12	Preaek Dach	FDH	CPA+MPA	1	0	3	2	1	2	2	2	7	14,471
13	Preaek Russei	HC	MPA	0	1	0	2	0	0	2	1	5	8,032
14	Preaek Tonloab	HC	MPA	0	0	0	3	1	1	0	1	4	12,655
15	Samraong Thum	HC	MPA	0	2	1	0	1	2	2	1	6	19,721
16	Sandar	HC	MPA	0	0	0	4	0	3	0	3	9	14,653
17	Sarikakaev	HC	MPA	0	0	1	2	1	0	1	2	5	12,411
<b>Total:</b>				<b>1</b>	<b>10</b>	<b>22</b>	<b>38</b>	<b>14</b>	<b>15</b>	<b>25</b>	<b>29</b>	<b>147</b>	<b>256,251</b>
<b>Koh Thom</b>													
1	Tuek Khleang	HC	MPA	0	0	2	2	2	0	1	5	12	17,802
2	Chheu Khmau	HC	MPA	0	0	1	0	0	0	0	1	8	11,247

No	Facility Name	Type	Class	Dr	Ma	Nu2	Nu1	Mw2	Mw1	Others	Com Cov	Vil Cov	Pop. 04-05
3	Chrouy Takeo	HC	MPA	0	0	0	1	0	1	0	1	9	9,907
4	Kampong Kong	HC	MPA	0	0	0	2	0	0	0	1	11	12,882
5	Koh Thum Ka	HC	MPA	0	0	1	0	2	1	0	1	6	7,498
6	Koh Thum Kha	HC	MPA	0	0	1	1	0	1	0	2	7	11,327
7	Leuk Dek	HC	MPA	0	0	1	0	0	0	0	1	11	15,846
8	Po Rea Mea	HC	MPA	0	0	0	0	0	1	0	2	4	13,767
9	Pouthi Ban	HC	MPA	0	0	1	0	0	0	0	1	9	11,344
10	Preaek Chrey	HC	MPA	0	0	0	2	0	0	0	1	4	14,347
11	Preaek Sdei	HC	MPA	0	0	0	1	0	1	0	1	7	14,050
12	Preaek Thmei	HC	MPA	0	0	0	2	1	0	0	1	10	16,565
<b>Total:</b>				<b>0</b>	<b>0</b>	<b>7</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>18</b>	<b>98</b>	<b>156,582</b>
<b>Ksach Kandal</b>													
1	Sampov Poun	HC	MPA	0	0	1	0	0	0	0	1	7	14,136
2	Kampong Chamlang	HC	MPA	0	0	1	2	0	2	0	3	13	15,589
3	Koh Choram	HC	MPA	0	0	1	1	0	2	0	3	10	11,342
4	Preaek Ampil	HC	MPA	0	0	3	2	0	2	0	1	7	12,155
5	Preaek Luong	HC	MPA	0	1	1	2	1	4	0	4	15	20,600
6	Preaek Ta Meak	HC	MPA	0	1	0	3	0	2	0	1	10	12,151
7	Preah Prasab	HC	MPA	0	1	0	1	0	1	0	2	7	11,285
8	Puk Russei	HC	MPA	0	0	1	4	0	2	0	1	6	11,887
9	Roka Chonlueng	HC	MPA	0	0	1	4	0	3	0	2	11	11,756
<b>Total:</b>				<b>0</b>	<b>3</b>	<b>9</b>	<b>19</b>	<b>1</b>	<b>18</b>	<b>0</b>	<b>18</b>	<b>86</b>	<b>120,901</b>
<b>Muk Kam Poul</b>													
1	Vihear Suor	HC	MPA	1	0	3	2	0	3	0	2	14	19,949
2	Koh Dach	HC	MPA	0	0	0	5	1	0	2	1	5	12,504
3	Preaek Anhchanh	FDH	CPA+MPA	2	4	8	3	6	1	0	2	10	18,243
4	Preaek Dambang	HC	MPA	0	1	2	1	0	1	0	1	5	12,825
5	Roka Kaong	HC	MPA	0	0	3	5	1	0	4	3	13	23,726
6	Russei Chrouy	HC	MPA	0	1	3	1	0	0	1	1	7	9,049
<b>Total:</b>				<b>3</b>	<b>6</b>	<b>19</b>	<b>17</b>	<b>8</b>	<b>5</b>	<b>7</b>	<b>10</b>	<b>54</b>	<b>96,296</b>
<b>Ponhea Leu</b>													
1	Sambuor Meas	HC	MPA	0	0	3	1	0	1	1	1	7	9,036
2	Chrey Loas	HC	MPA	0	1	0	2	0	1	0	1	15	7,605
3	Kampong Luong	HC	MPA	0	1	1	1	0	0	0	2	9	11,352

No	Facility Name	Type	Class	Dr	Ma	Nu2	Nu1	Mw2	Mw1	Others	Com Cov	Vil Cov	Pop. 04-05
4	Koh Chen	HC	MPA	0	0	2	1	0	0	1	0	7	6,087
5	Phnom Bat	HC	MPA	0	0	1	1	1	0	0	2	26	11,477
6	Ponhea Lueu	HC	MPA	0	0	1	3	0	1	0	3	7	8,134
7	Ponhea Pon	HC	MPA	0	2	3	0	0	0	0	2	22	11,427
8	Preaek Pnov	HC	MPA	0	1	3	3	1	0	1	2	8	16,399
9	Samraong	HC	MPA	0	1	2	2	0	1	0	3	8	16,755
10	Tumnob Thum	HC	MPA	0	0	0	2	1	0	0	1	16	5,538
<b>Total:</b>				<b>0</b>	<b>6</b>	<b>16</b>	<b>16</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>17</b>	<b>125</b>	<b>103,810</b>
<b>Saang</b>													
1	Vihear Luong	FDH	CPA+MPA	2	2	5	5	1	0	1	3	23	13,944
2	Khporp	HC	MPA	0	0	0	0	0	1	1	1	10	11,761
3	Koh Khel	HC	MPA	0	0	1	1	0	0	0	1	6	9,826
4	Kraing Yov	HC	MPA	0	3	2	0	1	0	0	1	15	15,325
5	Prasat	HC	MPA	0	0	0	1	0	0	1	1	5	6,301
6	Preaek Ambel I	HC	MPA	0	0	2	0	0	3	0	1	5	12,411
7	Preaek Ambel II	HC	MPA	0	0	1	1	0	0	0	0	4	14,173
8	Preaek Koy	HC	MPA	0	1	1	0	1	1	1	1	7	15,670
9	Saang Phnom	HC	MPA	0	0	1	2	0	1	1	1	9	13,579
10	Svay Prateal	HC	MPA	0	0	1	1	1	0	0	1	9	13,937
11	Ta Lun	HC	MPA	1	0	0	2	0	0	0	2	11	17,779
12	Teuk Vil	HC	MPA	0	0	0	0	1	1	0	2	13	16,874
<b>Total:</b>				<b>3</b>	<b>6</b>	<b>14</b>	<b>13</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>15</b>	<b>117</b>	<b>161,580</b>
<b>Takhmau</b>													
1	Treuy Sla	HC	MPA	1	0	0	1	1	0	0	1	7	14,677
2	Anlong Romiet	FDH	CPA+MPA	6	2	10	6	1	5	10	4	26	14,873
3	Beung Kiang	HC	MPA	0	1	0	4	1	3	0	4	23	18,645
4	Chheu Teal	HC	MPA	0	0	0	3	0	1	2	1	4	9,069
5	Deum Reus	HC	MPA	0	1	3	1	0	1	0	1	14	8,102
6	Kompong Svay	HC	MPA	0	0	5	0	1	1	0	1	3	8,255
7	Preaek Ho	HC	MPA	1	0	1	3	0	4	0	4	14	22,897
8	Preaek Samraong	HC(NB)	None	0	0	2	1	0	2	0	1	3	23,859
9	Preaek Thmei	HC	MPA	1	0	3	0	1	1	0	1	3	16,652
10	Rolaing Ken	HC	MPA	0	0	2	3	0	2	0	2	18	8,582
11	Roluos	HC	MPA	0	0	1	3	0	3	0	4	23	10,638

No	Facility Name	Type	Class	Dr	Ma	Nu2	Nu1	Mw2	Mw1	Others	Com Cov	Vil Cov	Pop. 04-05
12	Setbo	HC	MPA	0	0	1	1	0	1	1	2	9	23,520
13	Siem Reap	HC	MPA	0	1	1	2	0	4	1	4	27	18,145
14	Svay Rolum	HC	MPA	0	0	4	0	2	0	0	2	9	15,061
15	Takhmao	HC	MPA	0	0	0	3	0	2	0	3	9	26,737
<b>Total:</b>				<b>9</b>	<b>5</b>	<b>33</b>	<b>31</b>	<b>7</b>	<b>30</b>	<b>14</b>	<b>35</b>	<b>192</b>	<b>239,712</b>
<b>Total All</b>				<b>18</b>	<b>40</b>	<b>135</b>	<b>162</b>	<b>47</b>	<b>88</b>	<b>62</b>	<b>155</b>	<b>1070</b>	<b>#####</b>

Source: MEDiCAM

### 15.3 Deliveries in 2007, by Operational District

OD	Deliveries	Deliveries at home		Deliveries	Total deliveries	Total deliveries
	at HC	By Health Staff	ByTBAs	at RH	by Health Staff	by health staff and TBAs
Ang Snuol	1095	556	358	0	1651	2009
Kean Svay	1488	2763	595	212	4463	5058
Koh Thom	549	873	971	247	1669	2640
Ksach Kandal	826	937	325	274	2037	2362
Muk Kam Poul	921	584	261	0	1505	1766
Ponhea Leu	1250	745	450	0	1995	2445
Saang	485	1006	456	322	1813	2269
Takhmau	2529	922	354	340	3791	4145
<i>Sub-total</i>	<b>9143</b>	<b>8386</b>	<b>3770</b>	<b>1395</b>	<b>18924</b>	<b>22694</b>

Source: MoH, Annual Statistics 2007

## **15.4 Major Health NGOs active in the Province, by Operational District**

### **Operational District: Ang Snuol**

**CCWD (Community of Cambodian Women for Development)**

Phone: , Email: ccwd\_org@yahoo.com, Contact Person: Kin Channmory

**FHI/IMPACT (Family Health International/Impact)**

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak

**WFP (World Food Program)**

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory

**WOMEN (Woman Organization for Modern Economy and Nursing)**

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

### **Operational District: Kean Svay**

**AOC (Asian Outreach Cambodia)**

Phone: 023217706, Email: director@aocam.org, Contact Person: Pao Bunthoeun

**FHI/IMPACT (Family Health International/Impact)**

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak

**KFA (Khmer Farmer Association)**

Phone: 012894783, Email: kfa\_kd@hayoo.com, Contact Person: Sok Chamroeun

**NLF (New Life Foundation)**

Phone: 023994674, Email: ceh@nlfcambodia.org, Contact Person: Ponh Kemsrieng

**WFP (World Food Program)**

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory

**WOMEN (Woman Organization for Modern Economy and Nursing)**

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

**WVC (World Vision Cambodia)**

Phone: 023216052, Email: wathna-chhuon@wvi.org, Contact Person: Choun Wathana

### **Operational District: Koh Thom**

**SP (Sovann Phoum)**

Phone: 023883523, Email: sovannphoum@online.com.kh, Contact Person: Pann An

**WFP (World Food Program)**

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory

**WOMEN (Woman Organization for Modern Economy and Nursing)**

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

### **Operational District: Ksach Kandal**

**FHI/IMPACT (Family Health International/Impact)**

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak

**WFP (World Food Program)**

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory

**WOMEN (Woman Organization for Modern Economy and Nursing)**

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

**WVC (World Vision Cambodia)**

Phone: 023216052, Email: wathna-chhuon@wvi.org, Contact Person: Choun Wathana

### **Operational District: Muk Kam Poul**

**FHI/IMPACT (Family Health International/Impact)**

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak

**KHANA (Khmer HIV/AIDS NGO Alliance)**

Phone: 023211505, Email: khana@khana.org.kh, Contact Person: Oum Sopheap

**WFP (World Food Program)**

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory

**WOMEN (Woman Organization for Modern Economy and Nursing)**

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

### **Operational District: Ponhea Leu**

**BK (Bandos Komar)**

Phone: 023216023, Email: bandoskomar@camnet.com.kh, Contact Person: Vann Borey

**FHI/IMPACT (Family Health International/Impact)**



Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak  
[WFP \(World Food Program\)](#)

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory  
[WOMEN \(Woman Organization for Modern Economy and Nursing\)](#)

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

**Operational District: Saang**

[CGA \(Cambodia Global Action\)](#)

Phone: 023885735, Email: cga.cambodia@online.com.kh, Contact Person: Mao Guech Hourng  
[CHEC \(Cambodian HIV/AIDS Education and Care\)](#)

Phone: 023884473, Email: chec@online.com.kh, Contact Person: Kasem Kolnary  
[FHI/IMPACT \(Family Health International/Impact\)](#)

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak  
[NLF \(New Life Foundation\)](#)

Phone: 023994674, Email: ceh@nlfcambodia.org, Contact Person: Ponh Kemsrieng  
[WDA \(Woman Development Association\)](#)

Phone: 023720807, Email: wda05@online.com.kh, Contact Person: Soreach Sereithida  
[WFP \(World Food Program\)](#)

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory  
[WOMEN \(Woman Organization for Modern Economy and Nursing\)](#)

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith

**Operational District: Takhmau**

[CWF \(Cambodian World Family\)](#)

Phone: 023425047, Email: gentry@rmi.net, Contact Person: Kathleen Gentry  
[FHI/IMPACT \(Family Health International/Impact\)](#)

Phone: 023211914, Email: info@fhi.org.kh, Contact Person: Song Ngak  
[GRET \(Groupe de Recherche et d'Echanges Technologiques\)](#)

Phone: 023220259, Email: gret@camnet.com.kh, Contact Person: Cedric SALZE  
[KHANA \(Khmer HIV/AIDS NGO Alliance\)](#)

Phone: 023211505, Email: khana@khana.org.kh, Contact Person: Oum Sopheap  
[WDA \(Woman Development Association\)](#)

Phone: 023720807, Email: wda05@online.com.kh, Contact Person: Soreach Sereithida  
[WFP \(World Food Program\)](#)

Phone: 023212137, Email: mory.heng@wfp.org, Contact Person: Heng Mory  
[WOMEN \(Woman Organization for Modern Economy and Nursing\)](#)

Phone: 023884271, Email: women@camnet.com.kh, Contact Person: Che Sarith  
[WVC \(World Vision Cambodia\)](#)

Phone: 023216052, Email: wathna-chhuon@wvi.org, Contact Person: Choun Wathana

## 16 Education<sup>2</sup>

### 16.1 Schools, Classes, Students and Staff in 2007/2008

District	Number of Schools	Disadv. Schools	Number of Classes	Classes in Pagoda	Enrollment		Repeaters		Teaching Staff		Non-Teaching Staff		Total Staff	
					Total	Girl	Total	Girl	Total	Female	Total	Female	Total	Female
Angk Snuol	63	0	625	0	26,988	12,396	2,189	833	642	234	121	9	763	243
Kandal Stueng	65	0	591	3	23,710	10,826	1,627	605	720	343	120	15	840	358
Kien Svay	95	0	965	7	38,617	18,044	2,645	1,003	1,194	631	186	60	1,380	691
Khsach Kandal	70	0	758	0	31,242	14,221	2,511	928	782	359	169	34	951	393
Kaoh Thum	64	0	733	0	32,266	14,892	4,052	1,645	763	306	108	10	871	316
Leuk Daek	35	0	337	4	13,173	6,305	694	288	347	157	76	10	423	167
Lvea Aem	62	0	458	5	16,945	7,967	1,364	553	497	194	80	8	577	202
Mukh Kampul	58	0	564	50	22,393	10,577	1,979	749	721	333	117	31	838	364
Ponhea Lueu	77	0	693	0	28,786	13,169	1,598	570	615	237	160	43	775	280
S'ang	95	1	946	26	42,377	19,387	3,444	1,276	1,009	459	157	27	1,166	486
Ta Khmau	18	1	453	0	18,685	8,430	1,174	434	724	393	68	23	792	416
<b>Whole Province</b>	<b>702</b>	<b>2</b>	<b>7,123</b>	<b>95</b>	<b>295,182</b>	<b>136,214</b>	<b>23,277</b>	<b>8,884</b>	<b>8,014</b>	<b>3,646</b>	<b>1,362</b>	<b>270</b>	<b>9,376</b>	<b>3,916</b>
- Urban Area	18	1	453	0	18,685	8,430	1,174	434	724	393	68	23	792	416
- Rural Area	684	1	6,670	95	276,497	127,784	22,103	8,450	7,290	3,253	1,294	247	8,584	3,500

<sup>2</sup> All the data for section 12 comes from the Ministry of Education, Youth and Sport (MoEYS)

### 16.2 Characteristics of Schools and School Principals in 2007/2008

District	Number of Schools				2 - Shift Schools	Floating Schools	Schools in Pagoda	Attached Pre-Sch.	Schools Without		Characteristics of School Principals (Incharge)			
	Pre-Sch.	Primary	College	Lycee					Water Sup.	Toilet	Avg. Age	Avg. Service	U.Sec+ Ed.	Female
Angk Snuol	8	42	11	2	40	0	8	3	27	7	51.0	24.4	8	6
Kandal Stueng	9	38	16	2	40	0	6	9	18	11	48.9	24.1	10	4
Kien Svay	36	47	9	3	45	0	29	29	46	29	52.0	25.7	23	23
Khsach Kandal	12	42	13	3	38	0	23	9	30	13	51.4	25.0	6	7
Kaoh Thum	13	40	9	2	40	0	28	12	22	8	50.5	24.2	7	4
Leuk Daek	8	20	5	2	21	0	7	7	12	8	51.4	25.5	2	2
Lvea Aem	18	33	10	1	28	0	36	17	38	18	51.7	25.9	2	3
Mukh Kampul	16	32	8	2	28	0	22	14	32	18	49.8	23.8	8	12
Ponhea Lueu	15	49	9	4	40	0	27	14	48	25	47.1	22.9	15	10
S'ang	17	64	13	1	66	0	26	16	42	17	51.9	25.4	5	11
Ta Khmau	2	11	3	2	15	0	2	1	6	5	47.7	23.4	5	5
<b>Whole Province</b>	<b>154</b>	<b>418</b>	<b>106</b>	<b>24</b>	<b>401</b>	<b>0</b>	<b>214</b>	<b>131</b>	<b>321</b>	<b>159</b>	<b>50.5</b>	<b>24.7</b>	<b>91</b>	<b>87</b>
- Urban Area	2	11	3	2	15	0	2	1	6	5	47.7	23.4	5	5
- Rural Area	152	407	103	22	386	0	212	130	315	154	50.6	24.7	86	82

### 16.3 Enrollment by Level of Education, 2006/2007

District	Number of Schools	Pre-school		Primary		Lower Sec.		Upper Sec.		Total		% Female	
		Total	Girl	Total	Girl	Total	Girl	Total	Girl	Total	Girl	Primary	All Level
Angk Snuol	61	696	327	18,663	8,932	6,368	2,673	1,711	582	27,438	12,514	47.9	45.6
Kandal Stueng	62	605	314	16,289	7,617	6,277	2,885	1,454	531	24,625	11,347	46.8	46.1
Kien Svay	92	1,588	800	25,186	11,868	10,627	4,873	3,061	1,273	40,462	18,814	47.1	46.5
Khsach Kandal	68	1,187	591	21,326	9,671	6,752	3,082	2,169	831	31,434	14,175	45.3	45.1
Kaoh Thum	63	703	351	23,064	10,793	7,047	3,351	2,216	840	33,030	15,335	46.8	46.4
Leuk Daek	35	343	170	8,867	4,199	3,602	1,781	1,101	492	13,913	6,642	47.4	47.7
Lvea Aem	61	676	342	12,077	5,741	4,002	1,817	672	257	17,427	8,157	47.5	46.8
Mukh Kampul	58	1,041	550	14,936	6,891	4,868	2,245	1,689	687	22,534	10,373	46.1	46.0
Ponhea Lueu	74	797	384	20,179	9,613	6,972	2,998	1,764	590	29,712	13,585	47.6	45.7
S'ang	93	652	320	32,597	15,124	9,755	4,324	2,008	839	45,012	20,607	46.4	45.8
Ta Khmau	17	276	152	10,066	4,731	4,593	2,041	3,778	1,530	18,713	8,454	47.0	45.2
<b>Whole Province</b>	<b>684</b>	<b>8,564</b>	<b>4,301</b>	<b>203,250</b>	<b>95,180</b>	<b>70,863</b>	<b>32,070</b>	<b>21,623</b>	<b>8,452</b>	<b>304,300</b>	<b>140,003</b>	<b>46.8</b>	<b>46.0</b>
- Urban Area	17	276	152	10,066	4,731	4,593	2,041	3,778	1,530	18,713	8,454	47.0	45.2
- Rural Area	667	8,288	4,149	193,184	90,449	66,270	30,029	17,845	6,922	285,587	131,549	46.8	46.1

### 16.4 Enrollment by Level of Education 2007/2008

District	Number of Schools	Pre-school		Primary		Lower Sec.		Upper Sec.		Total		% Female	
		Total	Girl	Total	Girl	Total	Girl	Total	Girl	Total	Girl	Primary	All Level
Angk Snuol	63	598	288	17,821	8,512	6,393	2,805	2,176	791	26,988	12,396	47.8	45.9
Kandal Stueng	65	533	261	15,004	7,077	6,248	2,785	1,925	703	23,710	10,826	47.2	45.7
Kien Svay	95	1,649	831	22,865	10,729	10,244	4,891	3,859	1,593	38,617	18,044	46.9	46.7
Khsach Kandal	70	1,388	663	20,107	9,180	6,978	3,269	2,769	1,109	31,242	14,221	45.7	45.5
Kaoh Thum	64	750	379	22,010	10,230	6,690	3,237	2,816	1,046	32,266	14,892	46.5	46.2
Leuk Daek	35	322	172	7,957	3,778	3,547	1,803	1,347	552	13,173	6,305	47.5	47.9
Lvea Aem	62	777	399	11,225	5,317	4,147	1,937	796	314	16,945	7,967	47.4	47.0
Mukh Kampul	58	1,119	575	14,256	6,657	4,845	2,302	2,173	1,043	22,393	10,577	46.7	47.2
Ponhea Lueu	77	830	417	18,542	8,687	7,022	3,196	2,392	869	28,786	13,169	46.9	45.7
S'ang	95	697	357	29,445	13,730	9,600	4,232	2,635	1,068	42,377	19,387	46.6	45.7
Ta Khmau	18	290	143	9,468	4,444	4,499	2,026	4,428	1,817	18,685	8,430	46.9	45.1
<b>Whole Province</b>	<b>702</b>	<b>8,953</b>	<b>4,485</b>	<b>188,700</b>	<b>88,341</b>	<b>70,213</b>	<b>32,483</b>	<b>27,316</b>	<b>10,905</b>	<b>295,182</b>	<b>136,214</b>	<b>46.8</b>	<b>46.1</b>
- Urban Area	18	290	143	9,468	4,444	4,499	2,026	4,428	1,817	18,685	8,430	46.9	45.1
- Rural Area	684	8,663	4,342	179,232	83,897	65,714	30,457	22,888	9,088	276,497	127,784	46.8	46.2

**16.5 New Intake and Enrollment by Level and Age (Both Sexes), 2007/2008**

District	Grade 1 Intake		Primary Enrollment		Grade 7 Intake		L. Sec. Enrollment		Grade 10 Intake		U. Sec. Enrollment		% Over-age Enrollment in		
	Total	Aged 6	Total	Aged 11+	Total	Aged 12	Total	Aged 14+	Total	Aged 15	Total	Aged 17+	Primary	L. Sec.	U. Sec.
Angk Snuol	2,760	2,087	17,821	4,099	2,373	866	6,393	2,760	1,015	105	2,176	1,241	23.0	43.2	57.0
Kandal Stueng	2,279	1,844	15,004	2,732	2,418	676	6,248	2,898	916	224	1,925	878	18.2	46.4	45.6
Kien Svay	3,283	2,343	22,865	3,818	3,624	1,341	10,244	4,039	1,872	462	3,859	1,539	16.7	39.4	39.9
Khsach Kandal	3,028	2,437	20,107	2,870	2,687	789	6,978	3,076	1,305	380	2,769	983	14.3	44.1	35.5
Kaoh Thum	3,227	2,475	22,010	2,908	2,557	593	6,690	2,889	1,347	413	2,816	980	13.2	43.2	34.8
Leuk Daek	1,142	837	7,957	1,625	1,260	401	3,547	1,641	638	58	1,347	781	20.4	46.3	58.0
Lvea Aem	1,497	1,204	11,225	2,052	1,488	518	4,147	1,761	354	72	796	358	18.3	42.5	45.0
Mukh Kampul	2,166	1,630	14,256	2,675	1,667	526	4,845	2,261	884	147	2,173	1,097	18.8	46.7	50.5
Ponhea Lueu	3,002	1,718	18,542	3,665	2,678	787	7,022	3,143	1,167	258	2,392	1,103	19.8	44.8	46.1
S'ang	4,173	2,593	29,445	6,353	3,895	1,009	9,600	4,298	1,280	327	2,635	1,072	21.6	44.8	40.7
Ta Khmau	1,567	1,071	9,468	1,583	1,522	507	4,499	1,808	1,769	567	4,428	1,701	16.7	40.2	38.4
<b>Whole Province</b>	<b>28,124</b>	<b>20,239</b>	<b>188,700</b>	<b>34,380</b>	<b>26,169</b>	<b>8,013</b>	<b>70,213</b>	<b>30,574</b>	<b>12,547</b>	<b>3,013</b>	<b>27,316</b>	<b>11,733</b>	<b>18.2</b>	<b>43.5</b>	<b>43.0</b>
- Urban Area	1,567	1,071	9,468	1,583	1,522	507	4,499	1,808	1,769	567	4,428	1,701	16.7	40.2	38.4
- Rural Area	26,557	19,168	179,232	32,797	24,647	7,506	65,714	28,766	10,778	2,446	22,888	10,032	18.3	43.8	43.8

### 16.6 Condition of School Buildings, 2007/2008

District	Total Number of		Concrete/Brick Structure		Wooden Structure		Bamboo Structure		New Buildings		Buildings Without Good		
	Buildings	Rooms	Buildings	Rooms	Buildings	Rooms	Buildings	Rooms	Repaired	Constructed	Floor	Roof	Wall
Angk Snuol	172	693	166	676	6	17	0	0	7	15	26	20	23
Kandal Stueng	144	622	137	601	7	21	0	0	1	9	34	12	14
Kien Svay	256	904	235	848	21	56	0	0	1	7	32	9	18
Khsach Kandal	187	728	159	647	28	81	0	0	2	15	36	32	21
Kaoh Thum	152	690	141	650	11	40	0	0	1	5	23	14	8
Leuk Daek	78	326	73	310	5	16	0	0	5	2	16	10	13
Lvea Aem	111	481	105	468	6	13	0	0	4	7	15	5	11
Mukh Kampul	127	516	115	481	12	35	0	0	5	5	45	12	24
Ponhea Lueu	178	718	174	708	4	10	0	0	6	14	34	17	18
S'ang	204	897	186	852	18	45	0	0	2	9	43	22	50
Ta Khmau	67	326	63	315	4	11	0	0	19	5	9	9	9
<b>Whole Province</b>	<b>1,676</b>	<b>6,901</b>	<b>1,554</b>	<b>6,556</b>	<b>122</b>	<b>345</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>93</b>	<b>313</b>	<b>162</b>	<b>209</b>
- Urban Area	67	326	63	315	4	11	0	0	19	5	9	9	9
- Rural Area	1,609	6,575	1,491	6,241	118	334	0	0	34	88	304	153	200

**16.7 Condition of Classrooms and Existence of Separate School Office and Library, 2007/2008**

District	Number of Classrooms	Number of Classrooms			Classrooms Without Good			Number of furniture needed				Schools with Separate	
		in Pagoda	Repaired	New Constr.	Floor	Roof	Wall	Desks	Chairs	Blk.board	Tchr.Table	Office	Library
Angk Snuol	511	0	20	58	93	70	83	256	294	11	46	42	28
Kandal Stueng	480	3	4	46	129	37	44	236	208	10	26	34	29
Kien Svay	704	7	4	28	131	26	47	173	191	4	26	50	47
Khsach Kandal	552	0	13	67	129	100	62	627	408	14	50	39	27
Kaoh Thum	507	0	5	23	77	56	30	135	98	0	9	40	35
Leuk Daek	242	4	24	10	55	37	51	271	216	38	48	22	19
Lvea Aem	344	5	15	36	53	17	33	338	240	12	30	33	28
Mukh Kampul	412	50	16	25	136	42	86	354	289	27	96	30	26
Ponhea Lueu	551	0	21	68	123	64	70	280	191	5	49	44	32
S'ang	642	26	6	44	172	81	116	469	353	4	28	62	37
Ta Khmau	263	0	98	36	41	39	34	124	124	22	22	14	13
<b>Whole Province</b>	<b>5,208</b>	<b>95</b>	<b>226</b>	<b>441</b>	<b>1,139</b>	<b>569</b>	<b>656</b>	<b>3,263</b>	<b>2,612</b>	<b>147</b>	<b>430</b>	<b>410</b>	<b>321</b>
- Urban Area	263	0	98	36	41	39	34	124	124	22	22	14	13
- Rural Area	4,945	95	128	405	1,098	530	622	3,139	2,488	125	408	396	308

### 16.8 Community Participation and Financing, 2007/2008

District	Parent Association				Comm. Teachers	Teaching Monks	PAP Fund (Riel)		Number of Schools Obtaining Funds from				
	Exists	Held Meet.	Total	Female			per Student	per School	Sch. Income	Community	Gvt. For building	Abroad	IOs/ NGOs
Angk Snuol	62	59	7	1	0	0	11,229	5,177,500	0	1	0	0	0
Kandal Stueng	59	57	7	1	0	0	12,011	5,092,461	1	2	2	1	1
Kien Svay	85	85	8	2	0	0	11,529	4,979,786	0	0	4	0	0
Khsach Kandal	67	67	9	2	0	0	11,125	4,948,443	0	1	0	0	0
Kaoh Thum	54	53	8	1	0	0	11,155	5,724,183	0	0	0	0	1
Leuk Daek	29	29	7	1	0	2	11,950	4,633,326	0	1	0	0	0
Lvea Aem	47	47	7	1	0	0	11,953	3,452,226	1	5	2	0	1
Mukh Kampul	53	53	7	1	0	0	11,534	4,677,469	0	1	0	0	0
Ponhea Lueu	69	68	7	1	0	0	11,226	4,637,239	0	5	2	0	1
S'ang	95	93	7	1	0	0	10,635	5,128,994	1	2	0	0	0
Ta Khmau	18	17	14	3	0	0	11,903	13,715,944	0	2	1	0	0
<b>Whole Province</b>	<b>638</b>	<b>628</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>11,362</b>	<b>5,094,034</b>	<b>3</b>	<b>20</b>	<b>11</b>	<b>1</b>	<b>4</b>
- Urban Area	18	17	14	3	0	0	11,903	13,715,944	0	2	1	0	0
- Rural Area	620	611	8	1	0	2	11,326	4,878,823	3	18	10	1	4



**16.9 Indicators on Students and Staff by District, 2007/2008**

District	Pupil Teacher Ratio	Pupil Staff Ratio	Pupil Class Ratio	Pupil Classroom Ratio	Classes per Classroom	Classroom Area (m2) per Pupil	Percentage of Total Students in				Percentage of	
							Pre-school	Primary	Lower Secondary	Upper Secondary	Non-tching Staff	Female Staff
Angk Snuol	42.0	35.4	43.2	52.8	1.2	1.2	2.2	66.0	23.7	8.1	15.9	31.8
Kandal Stueng	32.9	28.2	40.1	49.4	1.2	1.2	2.2	63.3	26.4	8.1	14.3	42.6
Kien Svay	32.3	28.0	40.0	54.9	1.4	1.1	4.3	59.2	26.5	10.0	13.5	50.1
Khsach Kandal	40.0	32.9	41.2	56.6	1.4	1.2	4.4	64.4	22.3	8.9	17.8	41.3
Kaoh Thum	42.3	37.0	44.0	63.6	1.4	1.0	2.3	68.2	20.7	8.7	12.4	36.3
Leuk Daek	38.0	31.1	39.1	54.4	1.4	1.0	2.4	60.4	26.9	10.2	18.0	39.5
Lvea Aem	34.1	29.4	37.0	49.3	1.3	1.2	4.6	66.2	24.5	4.7	13.9	35.0
Mukh Kampul	31.1	26.7	39.7	54.4	1.4	1.2	5.0	63.7	21.6	9.7	14.0	43.4
Ponhea Lueu	46.8	37.1	41.5	52.2	1.3	1.2	2.9	64.4	24.4	8.3	20.6	36.1
S'ang	42.0	36.3	44.8	66.0	1.5	1.0	1.6	69.5	22.7	6.2	13.5	41.7
Ta Khmau	25.8	23.6	41.2	71.0	1.7	0.9	1.6	50.7	24.1	23.7	8.6	52.5
<b>Whole Province</b>	<b>36.8</b>	<b>31.5</b>	<b>41.4</b>	<b>56.7</b>	<b>1.4</b>	<b>1.1</b>	<b>3.0</b>	<b>63.9</b>	<b>23.8</b>	<b>9.3</b>	<b>14.5</b>	<b>41.8</b>
- Urban Area	25.8	23.6	41.2	71.0	1.7	0.9	1.6	50.7	24.1	23.7	8.6	52.5
- Rural Area	37.9	32.2	41.5	55.9	1.3	1.1	3.1	64.8	23.8	8.3	15.1	40.8

## 17 Private Sector organizations in the District

### 17.1 Registered Companies in 2008, by district

On private sector at commune and/or district level	KDL	Kandal Steung	Kien Svay	Khsach Kandal	Koah Thum	Leuk Deak	Lvea Aem	Muk Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khau
<b>Businesses and Companies</b>												
Number of registered agricultural enterprises (except family farms)	121	1	88	0	n/a	n/a	n/a	0	0	18	13	1
Number of registered shops, restaurants, transporters and other services	1,499	15	394	n/a	75	n/a	n/a	19	11	308	390	287
Number of manufacturing companies	156	3	n/a	0	4	n/a	n/a	74	61	n/a	14	n/a
Number of registered forestry enterprises	68	0	n/a	0	22	1	n/a	0	0	39	n/a	6
Number of registered mining companies	20	4	n/a	0	n/a	5	n/a	0	3	n/a	5	3
Number of financial institutions	74	22	n/a	4	4	5	n/a	5	2	1	26	5
Number of other commercial institutions	2	n/a	n/a	0	2	n/a	n/a	0	0	n/a	n/a	n/a
Estimated number of informal enterprises (not registered)	141	2	n/a	n/a	n/a	n/a	n/a	1	n/a	n/a	138	n/a
<b>Employment</b>												
Number of people employed in 2008 by companies or any other enterprises	79,051	4,772	n/a	3,055	3,814	n/a	n/a	2,265	39,991	5,885	9,269	10,000
<b>Investment</b>												
Amount invested in 2008 by private sector	19,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19,000	n/a
<b>Markets</b>												
Number of markets, operating at least weekly	72	4	n/a	5	18	n/a	1	0	2	10	29	3

**Note:** These data are not comprehensive as different companies and business are registered with different departments and not all departments were able or willing to provide detailed information. The number of informal enterprises reflects a rough estimate, made at provincial level and could not be verified.

**Source:** Data from SPPA's

### 17.2 Credit to Farmers in 2008, by district

Credit	KDL	Kandal Steung	Kien Svay	Khsach Kandal	Koah Thum	Leuk Deak	Lvea Aem	Muk Kampul	Angk Snuol	Ponhea Lueu	S'ang	Ta Khau
Volume of credit provided to farmers in 2008	<b>3,818,028</b>	412,850	n/a	1,507,460	n/a	1,822,718	n/a	n/a	n/a	n/a	75,000	n/a
Number of farmers receiving credit in 2008	<b>14,592</b>	2,289	n/a	6,048	n/a	1,325	n/a	n/a	n/a	n/a	4,930	n/a
Volume of credit provided to companies in 2008	<b>n/a</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

**Note:** Please note that these data are not necessarily complete or correct. The data are derived from government agencies at provincial and district level which used different recording systems, did not always have complete data or were, sometimes, less than willing to share their data.



# **SECTION E: MISCELLANEOUS INFORMATION**



## 18 Data on Poverty

### 18.1 Predicted Poverty Rates for 2009, by commune

The **Predicted Family Poverty Rate** is based on a statistical model (robust multilevel mixed effect regression) at village level developed by the NCDD M&E Unit and uses CDB data for making an estimate of the predicted poverty rate (this is: the portion of total families in the district or commune who are deemed poor) for the following year using current year data.

The basis for this predicted poverty rate also uses IDPoor (a project of the Ministry of Planning with technical assistance provided by GTZ) data.

District	Commune	2004	2009
Kandal Stueng	Ampov Prey	30.30%	22.80%
Kandal Stueng	Anlong Romiet	19%	13.50%
Kandal Stueng	Barku	19.90%	12%
Kandal Stueng	Boeng Khyang	28.20%	20%
Kandal Stueng	Cheung Kaeub	25.50%	15.40%
Kandal Stueng	Daeum Rues	25.40%	17.80%
Kandal Stueng	Kandaok	29.20%	17.70%
Kandal Stueng	Thmei	28.10%	20.20%
Kandal Stueng	Kouk Trab	23.30%	14.80%
Kandal Stueng	Kong Noy	20.10%	16.10%
Kandal Stueng	Spean Thma	24%	13.20%
Kandal Stueng	Tbaeng	27.20%	20.90%
Kandal Stueng	Preah Putth	25%	18.10%
Kandal Stueng	Preaek Kampues	21.40%	11.60%
Kandal Stueng	Preaek Roka	27.30%	17.40%
Kandal Stueng	Preaek Slaeng	20.50%	13.90%
Kandal Stueng	Roka	28.60%	21%
Kandal Stueng	Roleang Kaen	28.50%	21.30%
Kandal Stueng	Roluos	24.90%	19.40%
Kandal Stueng	Tien	23.50%	15.40%
Kandal Stueng	Trapeang Veang	25.90%	12.90%
Kandal Stueng	Siem Reab	24.50%	18%
Kandal Stueng	Trea	28.30%	18.50%
Kien Svay	Banteay Daek	29.10%	15.40%
Kien Svay	Chheu Teal	26.30%	14.70%
Kien Svay	Dei Edth	19.80%	14.90%
Kien Svay	Kampong Svay	18.40%	10.90%
Kien Svay	Kbal Kaoh	15.60%	7.30%
Kien Svay	Kokir	23%	9.20%
Kien Svay	Kokir Thum	33.20%	22.90%
Kien Svay	Phum Thum	21.20%	12%
Kien Svay	Preaek Aeng	22.80%	2.50%
Kien Svay	Preaek Thmei	18.50%	6.60%
Kien Svay	Samraong Thum	28.50%	20.40%
Kien Svay	Veal Sbov	23.80%	0%
Khsach Kandal	Bak Dav	32.20%	25.50%
Khsach Kandal	Chey Thum	30.50%	21.90%
Khsach Kandal	Kampong Chamlang	29.20%	23.90%
Khsach Kandal	Kaoh Chouram	29%	22.80%
Khsach Kandal	Kaoh Oknha Tei	26.90%	14.80%
Khsach Kandal	Preah Prasab	25.90%	19.60%
Khsach Kandal	Preaek Ampil	29%	21.60%
Khsach Kandal	Preaek Luong	24.10%	16%

District	Commune	2004	2009
Khsach Kandal	Preaek Ta kov	24.90%	16.20%
Khsach Kandal	Preaek Ta Meak	24.80%	18.10%
Khsach Kandal	Puk Ruessei	28.90%	19.50%
Khsach Kandal	Roka Chonlueng	35.80%	23.40%
Khsach Kandal	Sanlung	31.90%	21.10%
Khsach Kandal	Sithor	33.20%	25.40%
Khsach Kandal	Svay Chrum	23.80%	11.80%
Khsach Kandal	Svay Romiet	24.30%	23.60%
Khsach Kandal	Ta Aek	25.30%	21.60%
Khsach Kandal	Vihear Suork	34.40%	20.50%
Kaoh Thum	Chheu Kmau	33.90%	26.70%
Kaoh Thum	Chrouy Ta Kaev	28.80%	21.40%
Kaoh Thum	Kampong Kong	31%	24%
Kaoh Thum	Kaoh Thum Ka	32.40%	25.70%
Kaoh Thum	Kaoh Thum Kha	20.10%	10.80%
Kaoh Thum	Sampov Pun	31.40%	19.60%
Kaoh Thum	Leuk Daek	38.60%	30%
Kaoh Thum	Pouthi Ban	33.40%	22%
Kaoh Thum	Preaek Chrey	41.90%	28.80%
Kaoh Thum	Preaek Sdei	29.20%	18.70%
Kaoh Thum	Preaek Thmei	25.30%	15.30%
Leuk Daek	Kampong Phnum	31.10%	26.50%
Leuk Daek	K'am Samnar	35%	25.50%
Leuk Daek	Khpor Ateav	32.90%	24%
Leuk Daek	Peam Reang	30.90%	27.70%
Leuk Daek	Preaek Dach	32.20%	26.20%
Leuk Daek	Preaek Tonloab	33.40%	24.40%
Leuk Daek	Sandar	29.70%	20%
Lvea Aem	Akreiy Ksatr	28.20%	17.50%
Lvea Aem	Barong	40.80%	31.70%
Lvea Aem	Boeng Krum	28%	22%
Lvea Aem	Kaoh Kaev	37.20%	25.80%
Lvea Aem	Kaoh Reah	28.40%	18.40%
Lvea Aem	Lvea Sar	36.80%	26.50%
Lvea Aem	Peam Oknha Ong	29.90%	22.90%
Lvea Aem	Phum Thum	34.10%	26.80%
Lvea Aem	Preaek Kmeng	32.60%	30.50%
Lvea Aem	Preaek Rey	30.50%	22.70%
Lvea Aem	Preaek Ruessei	36.20%	30.60%
Lvea Aem	Sambuor	32%	28.70%
Lvea Aem	Sarikakaev	32%	22.50%
Lvea Aem	Thma Kor	29.60%	25.90%
Lvea Aem	Tuek Khleang	27.40%	20.10%
Mukh Kampul	Bak Kaeng	15.90%	6%
Mukh Kampul	Kaoh Dach	23.70%	14.30%
Mukh Kampul	Preaek Anhchanh	21.10%	7.70%
Mukh Kampul	Preaek Dambang	29.90%	21.60%
Mukh Kampul	Sambuor Meas	39.20%	24.80%
Mukh Kampul	Svay Ampear	33.80%	27%
Mukh Kampul	Roka Kong Ti Muoy	24.70%	20.10%
Mukh Kampul	Roka Kong Ti Pir	26.80%	17.80%
Mukh Kampul	Ruessei Chrouy	27.60%	17.10%
Angk Snuol	Baek Chan	17.30%	8.20%
Angk Snuol	Boeng Thum	22.20%	11.70%
Angk Snuol	Chhak Chheu Neang	25%	17.10%
Angk Snuol	Damnak Ampil	20.80%	14.90%
Angk Snuol	Kamboul	18.40%	3%



District	Commune	2004	2009
Angk Snuol	Kantaok	15.90%	7.30%
Angk Snuol	Krang Mkak	23.30%	13.10%
Angk Snuol	Lumhach	23.50%	17.70%
Angk Snuol	Mkak	29%	16.90%
Angk Snuol	Ovlaok	27.50%	15.50%
Angk Snuol	Peuk	22.90%	11.60%
Angk Snuol	Ponsang	33.10%	18.10%
Angk Snuol	Prey Puoch	23.20%	13.50%
Angk Snuol	Samraong Leu	29.20%	17.20%
Angk Snuol	Snaor	24.40%	11.60%
Angk Snuol	Tuol Prech	33.40%	18.20%
Ponhea Lueu	Chhveang	33.70%	20%
Ponhea Lueu	Chrey Loas	32.10%	21.60%
Ponhea Lueu	Kampong Luong	29.20%	19.40%
Ponhea Lueu	Kampong Os	35.50%	29.30%
Ponhea Lueu	Kaoh Chen	33.80%	25.40%
Ponhea Lueu	Phnum Bat	31.60%	22.20%
Ponhea Lueu	Ponhea Lueu	31.60%	18.10%
Ponhea Lueu	Ponhea Pon	25.50%	12.80%
Ponhea Lueu	Preaek Phnov	27.90%	6.30%
Ponhea Lueu	Preaek Ta Teaen	27.30%	18.80%
Ponhea Lueu	Phsar Daek	31.60%	22.20%
Ponhea Lueu	Samraong	27.80%	13.10%
Ponhea Lueu	Tumnob Thum	33.40%	23.90%
Ponhea Lueu	Vihear Luong	27.40%	17.40%
S'ang	Khpob	30%	21.10%
S'ang	Kaoh Anlong Chen	26%	7.90%
S'ang	Kaoh Khael	24%	14.50%
S'ang	Kaoh Khsach Tonlea	30.50%	25.60%
S'ang	Krang Yov	32.10%	25.10%
S'ang	Prasat	33.40%	28.80%
S'ang	Preaek Ambel	29.10%	20.70%
S'ang	Preaek Koy	23%	13.80%
S'ang	Roka Khpos	25.50%	15.80%
S'ang	S'ang Phnum	33.70%	22.20%
S'ang	Setbou	22.90%	7.40%
S'ang	Svay Prateal	29.70%	18.90%
S'ang	Svay Rolum	21%	10.90%
S'ang	Ta Lon	32.80%	21.40%
S'ang	Traeuy Sla	25.80%	14.30%
S'ang	Tuek Vil	27.30%	13.20%
Ta Khmau	Ta Kdol	23%	2.40%
Ta Khmau	Preaek Ruessei	19.80%	0.20%
Ta Khmau	Daeum Mien	21.10%	0%
Ta Khmau	Ta Khmau	20.40%	0%
Ta Khmau	Preaek Hou	16.50%	5.60%
Ta Khmau	Kampong Samnanh	22.60%	4.60%

## 18.2 Poverty data from Survey

The Ministry of Planning IDPoor Program has developed standardized Procedures for Identification of Poor Households in rural areas. These Procedures are implemented using a participatory and consultative process by sub-national government structures and community representatives.

The IDPoor Program is managed by the Ministry of Planning (MOP), in cooperation with the Ministry of Interior's Department of Local Administration (DOLA). The program is supported by the Federal Republic of Germany, with technical assistance provided by German Technical Cooperation (GTZ). In 2009, AusAID also provided funding support to the Program.

**Objective**

The IDPoor Program aims to implement the Procedures for Identification of Poor Households in rural areas as widely as possible, in order to provide data on the level of poverty of areas and households that can be used by a large range of institutions and organizations for targeting services and development assistance to poor areas and poor households.

**Coverage:** During 2007, 2008 and 2009 the IDPoor Procedures have been implemented in 18 provinces (with partial or complete coverage), covering a total of around 7000 rural villages. The MOP and a number of NGO partners who are Health Equity Fund Operators have collaborated in collecting this data from different areas.

**Categorization:** Identified poor households are classified under two poverty categories: Poor Level 1 (very poor), and Poor Level 2 (poor). Households are classified based on data collected using a standard questionnaire, together with consideration by villagers of these households' special circumstances.

**Further information:** Please go to the IDPoor Program webpage at [www.mop.gov.kh/Projects/IDPoor/tabid/154/Default.aspx](http://www.mop.gov.kh/Projects/IDPoor/tabid/154/Default.aspx)

*This province has not yet been covered by IDPoor*