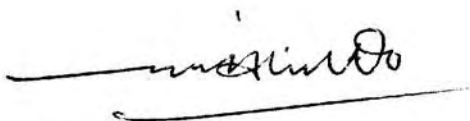


08

**MINUTES OF THE MEETING
ON
PROGRESS REPORT NO.4
FOR
THE DEVELOPMENT STUDY
ON SUSTAINABLE AGRICULTURE AND RURAL
DEVELOPMENT FOR POVERTY REDUCTION
PROGRAMME
IN
THE CENTRAL DRY ZONE OF THE UNION OF
MYANMAR**

September 16, 2009



U Tin Htut Oo
Chairman of the Steering Committee
Director General,
Department of Agricultural Planning,
Ministry of Agriculture and Irrigation,
The Union of Myanmar



Mr. Kosei HASHIGUCHI
Leader of the Study Team,
Japan International Cooperation
Agency (JICA),
Japan

INTRODUCTION

Following the Scope of Work (SW) agreed upon between the Preparatory Study Team of the Japan International Cooperation Agency (JICA) and the Government of the Union of Myanmar on 16 November 2005, JICA fielded a Study Team to the Union on May 18, 2009 to commence the FY 2009/10 field study of the Development Study on Sustainable Agriculture and Rural Development for Poverty Reduction Programme in the Central Dry Zone.

The Study Team together with the relevant counterparts has been implementing pilot projects since early June 2007, and they are now at latter stage of the pilot implementation as of September 2009. Incorporating the achievements to date, the Team submitted 20 copies of the Progress Report No.4 to the Ministry of Agriculture and Irrigation. A Steering Committee (SC) was therefore convened to discuss the contents of the Progress Report No.4 inclusive of activities that the Study Team has undertaken to date.

The Steering Committee was held on September 16, 2009 at a conference room of the Headquarters of Ministry of Agriculture and Irrigation. Following self-introduction of the participants, the Director General of the Department of Agricultural Planning, U Tin Htut Oo, who was in the chair made the opening speech by firstly welcoming all the participants, and thanking JICA for all the collaborative activities rendered. Then, Mr. Minoru YOSHIDA, project formulation advisor of JICA Myanmar office, made remarks by appreciating all the collaborative works from the concerned ministries.

After the remarks, the Chairman of the Steering Committee requested the Study Team to make the presentation. At first the Team Leader reviewed overall work schedule whereby all the participants could be aware of where they were, and then went into the presentation composed of; 1) current status of the pilot projects, 2) monitoring and mid-term evaluation results for the projects, 3) lessons learnt from the implementation of the pilot projects, and 4) other issues relevant. The floor was thereafter opened for interactive discussions. The list of the participants in the meeting is attached on the last page hereto:

DISCUSSIONS

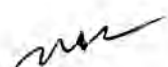
In response to the presentation by the Team Leader, the Steering Committee members have contributed by giving precious comments. Following are the comments given and also answers made by the Study Team:

1. Concerning minimum tillage pilot project wherein the team could not acquire *Desmodium*, the originally planned perennial leguminous crop, a participant from DAR replied that as of now the DAR has got two varieties of *Desmodium* which are in nursery. He further suggested that since DAR can now provide the nurseries, the team would try the minimum tillage with the *Desmodium* this rainy season. The team replied by saying that if time is allowed in this rainy season and given the nurseries from DAR, the team would try it in a small scale.
2. Concerning intercropping with rice beans, a participant from DAR suggested that rice

bean is not so effective for intercropping with sorghum. Instead, pigeon pea is recommendable rather than the rice bean. Pigeon pea intercropping can give higher yield by fixing atmospheric nitrogen and also reduce stem borer damage. The team replied that the pilot project was tried in 4 villages and in fact we attained higher yield (about 2 times) of sorghum than that of conventional method, however farmers did not show interest. The team further replied that if time is allowed to try the intercropping with pigeon pea this rainy season, the team is to try otherwise the idea is to be incorporated in the master plan.

3. A participant asked about the Jatropha oil extractor, one of the pilot project; how much was the cost to fabricate the extractor, where it was manufactured, what it undertakes with the oil, and also tools about bricket making. The team replied its cost was about US\$ 400 per piece including mold, manufactured in industrial area of Mandalay. For the oil extracted, the team has not undertaken any usage. This is because to utilize the oil for running engine it requires a purification process which goes beyond the project budget. Therefore, the pilot project was meant to provide a substitute of firewood by looking into the oil cakes. For making the bricket, the team also fabricated a mold. The oil extractor was provided to 3 villages together with the mould.
4. A participant from DAR mentioned that though Yezin 11, which is a new variety of green gram, has marked 14 baskets per acre as compared with same 14 baskets by local variety for rainy season, and 13 baskets per acre as compared with 11 baskets by local variety for winter season, meaning not much higher yield than local variety, there is a good advantage pertaining to the green gram Yezin 11. The advantage is labor saving because the new variety bears seeds in a certain period while the local variety has longer time of bearing seeds. The team will incorporate the advantage in the next reports.
5. A participant pointed out that the goat should be given more emphasis than pig because pig market price has been down due to swine flu prevalent in nowadays world. The team agreed by saying since goat is adaptable in the CDZ environment, it should be further emphasized as suggested by the SC member.
6. The SC requested the Team to distribute the promotion videos to the members of the committee. The team leader accepted by saying that the DVDs will be delivered to the members in 2 weeks through the counterparts.

The Chairman requested all the SC members to provide comments if any at any time so that the team would refine and produce better report. He delivered words of thanks to all the members for their contribution and sharing of their precious time, and further thanked JICA for the cooperation and collaboration, and the SC meeting ended at 14:40.



Participants List of the Steering Committee Meeting on Progress Report No.4**Steering Committee**

U Tin Htut Oo	Director General, Department of Agricultural Planning, Ministry of Agriculture and Irrigation
U Ohn Than	Managing Director, Myanma Agriculture Service, Ministry of Agriculture and Irrigation
U John Ba Maw	Deputy Director General, Department of Agricultural Research Ministry of Agriculture and Irrigation
U Hla Gyi	General Manager (Extension), Myanma Agriculture Service, Ministry of Agriculture and Irrigation
U Maung Maung Yi	General Manager (Planning), Myanma Agriculture Service, Ministry of Agriculture and Irrigation
U Myint Swe	General Manager, Myanma Industrial Crops Development Enterprise Ministry of Agriculture and Irrigation
Daw Khin Nam Myint	Assistant General Manager, Myanma Agriculture Development Bank, Ministry of Agriculture and Irrigation
U Htin Aung	Director, Cooperative Department, Ministry of Cooperative
U Tin Maung Aye Htoo	Director, Water Resources Utilization Department, Ministry of Agriculture and Irrigation
U Swe Tint	Deputy Director, Cottage Industry Department, Ministry of Cooperative
Dr. Myint Htay	Deputy Director, Livestock Breeding and Veterinary Department, Ministry of Livestock and Fishery
U Aung Maw	Deputy Director, Irrigation Department, Ministry of Agriculture and Irrigation
U Khin Zaw	Deputy Director, Water Resources Utilization Department, Ministry of Agriculture and Irrigation
Daw Nyein Nyein Aye	Executive Engineer, Cottage Industry Department, Ministry of Cooperative
U Htain Min	Agricultural Mechanization Officer, Agricultural Mechanization Department, Ministry of Agriculture and Irrigation
U Yee Win	Assistant Director, Settlements and Land Records Department, Ministry of Agriculture and Irrigation
Daw Malar Aung	Assistant Director, Cooperative Department, Ministry of Cooperative
U Thura Soe	Manager, Myanma Agriculture Service Ministry of Agriculture and Irrigation
Daw Jenny Loo	Manager, Myanma Agriculture Service, Ministry of Agriculture and Irrigation
Daw Htay Htay	Staff Officer, Department of Agricultural Planning, Ministry of Agriculture and Irrigation
Dr. Yin Yin San	Assistant Director, Livestock Breeding and Veterinary Department, Ministry of Livestock and Fishery
Daw Cho Cho Tun	Board of Director, Cooperative Development, Ministry of Cooperative

JICA Study Team

Mr. Kosei HASHIGUCHI	Team Leader/ Government Service/ Poverty Reduction
Mr. Kensuke IRIYA	Co-Team Leader/ Livestock Promotion
Dr. Motoyoshi HIKASA	Pilot Project Management

Mr. Norio SAKAGAMI Coordinator/ Pilot Project Logistics

JICA Myanmar Office

Mr. Minoru YOSHIDA Project Formulation Adviser
U Kyaw Lwin Oo Program Officer

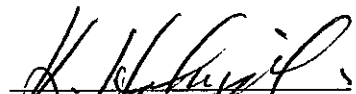
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**MINUTES OF THE MEETING
ON
INTERIM REPORT NO.4
FOR
THE DEVELOPMENT STUDY
ON SUSTAINABLE AGRICULTURE AND RURAL
DEVELOPMENT FOR POVERTY REDUCTION
PROGRAMME
IN
THE CENTRAL DRY ZONE OF THE UNION OF
MYANMAR**

February 25, 2010



U Than Aye
Chairman of the Steering Committee
Director General,
Department of Agricultural Planning,
Ministry of Agriculture and Irrigation,
The Union of Myanmar



Mr. Kosei HASHIGUCHI
Leader of the Study Team,
Japan International Cooperation
Agency (JICA),
Japan

INTRODUCTION

Following the Scope of Work (SW) agreed upon between the Preparatory Study Team of the Japan International Cooperation Agency (JICA) and the Government of the Union of Myanmar on 16 November 2005, JICA fielded a Study Team to the Union of Myanmar on May 18, 2009 to commence the FY 2009/10 field study of the Development Study on Sustainable Agriculture and Rural Development for Poverty Reduction Programme in the Central Dry Zone.

The Study Team together with the relevant counterparts has been implementing pilot projects since early June 2007, and they have completed all the planned activities under the pilot projects as of end February 2010. Incorporating the achievements and lessons learnt to date, the Team submitted 20 copies of the Interim Report No.4, 20 copies of Technical Manual (Final Version, English) and 130 copies of the same Manual (Final Version, Myanmar) to the Ministry of Agriculture and Irrigation. A Steering Committee (SC) was therefore convened to discuss the contents of the Interim Report No.4.

The Steering Committee meeting was held on February 25, 2010 at a conference room of the Headquarters of Ministry of Agriculture and Irrigation. Following the introduction of the participants by the master of the ceremony, the Chairman of the Steering Committee, U Than Aye, made the opening speech by firstly welcoming all the participants, and thanking JICA for all the collaborative activities rendered. Then, Mr. SAITO Katsuyoshi, Senior Representative of JICA Myanmar office, made remarks by appreciating all the collaborative works from the concerned ministries.

After the remarks, the Chairman of the Steering Committee requested the Study Team to make the presentation. At first the Team Leader reviewed overall work schedule whereby all the participants could be aware of where they were, and then went into the presentation composed of; 1) submission of technical manual, 2) final evaluation of the pilot projects together with lessons learnt from the implementation, and 3) development plan (draft version) centering on Development Framework. The floor was thereafter opened for interactive discussions. The list of the participants in the meeting is attached on the last page hereto:

DISCUSSIONS

In response to the presentation by the Team Leader, the Steering Committee members have contributed by giving precious comments and inquiries. Following are the comments and inquiries given and also answers made by the Study Team:

1. A participant from DAR made comments e.g.; 1) relevant agencies' roles are very important to implement recommended projects/programmes wherein DAR has not been appearing in the seed dissemination programme. Production of improved seeds starts with DAR, so that the agency's name, DAR, should appear in relevant programmes; 2) fertilization management is very much relevant to the cropping system so that appropriate management should be mentioned according to what crops are to be



cultivated; 3) agricultural farm implements should be of local made and simple ones, e.g. inter-cultivator, or it could associate difficulty in the usage by the farmers; and 4) agriculture marketing should be emphasized since if there is no market, farmers' effort would result in vain.

2. Responding to the above comments, the leader answered that 1) the DAR will be incorporated in the relevant project design matrixes, which is a simplified project description table; 2) remarks for the fertilization in conjunction with the cropping system will be incorporated in the relevant PDMs; 3) implements proposed in the Plan is of all simple one, e.g. improved seeder tried under one of the pilot projects, and 4) marketing is very much dependent on demand-supply relationship, so that the farmers should be in a position of getting marketing information as well as they should not just go only for mono-cropping, meaning that diversification of their cash crop is important to avoid the risk of the low selling price.
3. A participant from MAS further emphasized the important role of the seed quality since good quality seeds alone can raise the yield by 10 – 20 %. The government has been making efforts in this area, and established seed multiplication farms, trained seeds specialists, etc. The leader thoroughly agreed the important role of the quality seeds, and he reminded the participants by referring to the development framework where 'disseminate improved seeds' is given the highest priority. The participants further commented that though there is a flow from DAR to MAS for the improved seeds, not enough improved seeds are delivered up to the farmers' hand. The leader replied by saying that production of enough amount of improved seeds may need to incorporate a lot of contract farmers, suggesting an approach of farmer participatory seed multiplication programme.
4. A participant from MAS expressed 2 points by saying that there were thick (enough) reports and materials presented and the Study undertook not only agriculture but also livestock, cottage and living improvement, which is quite comprehensive. After that, he commented that there should be difficulty of disseminating *Dapog* technology in this Country. The leader partly agreed by saying that in the first year, 2007/08, there were number of demonstration farms for *Dapog* technology, but in the following year there was only a few demonstration farms tried. He agrees the *Dapog* technology can be hardly extended in the present situation. He, however, continued by pointing out though there should be a difficulty of extending the technology to wider extent, there are still opportunities to try the technology, e.g. in a very good paddy fields like the one equipped with irrigation & drainage, farmers can enjoy the fruit, and also MAS extension officer can disseminate new variety of seeds by not providing the seeds directly but by delivering the rolled up *Dapog* nursery. *Dapog* nursery can be rolled up and loaded on the rear of motorbike, facilitating distribution of new variety.
5. A participant expressed some points relating to constrains of developing CDZ; 1) farmers' educational level is very low so that they can hardly uptake such technologies, 2) infrastructure is not well developed so far in the CDZ, 3) there is not enough capital for the local people to invest. The leader replied by saying that though farmers'





educational level must be lower than that of government officers, they may be able to contribute from practical point of view. Government officers can contribute from theoretical point of view and the farmers from practical point of view. By combining those two, development can be facilitated though we should think of the educational level of the rural people whenever we try to implement some extension activities. The leader further agrees the infrastructure is one of the constraints for the development of CDZ. However, since development of infrastructure costs us a lot and also it takes longer time to realize, the Study has been focusing on the people's livelihood.

6. A participant from Settlement and Land Record Department reminded the floor of the important role of land development. He said that without land development, e.g. without reshaping of farm land, farm mechanization could hardly go on especially in a sloped area. The leader replied by saying it is important and therefore such component will be incorporated in one of the project design matrixes. He further added that though it is important, since it costs a lot the priority might be low.
7. A participant from Irrigation Department stressed an important role of groundwater irrigation by deep tube well. The leader replied that though the important role of the groundwater irrigation is recognized, it may not be financially sustainable. This is because according to international practices, at least the well yield should be more than 30 liters per second or otherwise it can hardly be feasible from the financial point of view. Also power, electricity, to operate the submergible pump is another issue since the power supply is not enough in CDZ at this moment.
8. Same participant raised concern to rain-harvesting farm ponds. It is important but it cannot work if there is no rain, he added. The leader thoroughly agreed that comment, but added by saying it may be a matter of combination of high-cost technology and low-cost technology. If a big irrigation system were introduced in such areas, it could be of great help. However it may take long time to realize such expensive investment; instead construction of rain-harvesting farm ponds do not cost much. Therefore the programme was incorporated in the development framework.
9. The participant further mentioned about the possibility of introducing micro turbine for mini-hydro power within irrigation system. The leader is to incorporate the comment of including micro turbine for mini-hydro power in irrigation project.
10. A participant from MAS suggested to promote a local horticultural tree, called Ju Ju Be, as alternative firewood. It grows very fast and can be cut every year as firewood, and bears good fruit, providing cash income opportunity. The team is to incorporate such idea into the relevant project design matrix.
11. A participant from LBVD requested an assistance of implementing a measure to improve goat breed because body size of goats has become smaller and smaller year-by-year, suggesting import of good breed goats from foreign countries, e.g. from India. The leader replied that he incorporates the request in the Minutes of Meeting and forwards it to JICA.



12. The team leader asked the floor if there is a possibility for the government to incorporate the development framework into the current government financial and planning procedure. One participant replied that since there are currently on-going projects which are also in the development framework, it can be referred to in the procedure of the government planning and budgeting. He added that it will be possible to take into consideration the framework into the long-term development plan of the Government, and also possible to show the framework to international donors to get their supports for budget for the project. He further remarked that since there are some components, which go beyond the government hands, there could be donor's involvement, e.g. JICA's involvement to look after a part of the development framework. The participant further commented that the plan should be submitted to the higher authority, and upon their approval, such projects proposed in the development framework could be funded.
13. The Chairman also stressed that such development framework can be referred to by not only government but also by other donors. For example, ESCAP has an intention to develop CDZ, so that the ESCAP will refer to the framework.
14. The Chairman asked why agriculture sector was given the highest priority in the framework than livestock and cottage industry sectors. The leader answered that the prioritization of those sectors were done by the participants in the workshops where representatives of villagers, officers of Divisions, Districts and TSs of concerned Ministries participated. The leader added that the priority is not rigid, and both sides agreed such priority by sector may mislead the readers since such priority should differ by Type (categorization of the TSs), and therefore the framework should not show the priority by sector.
15. There was a request to prepare Myanmar version of the reports. The leader replied since it is difficult to translate whole text of the reports, the executive summary, Power Point slides and the part of how to read the development framework will be translated into Myanmar and delivered to the Government authorities.
16. The Chairman also requested the leader to share the research results from the Study with Yezin Agricultural University, and the leader accepts upon JICA's consensus by taking opportunity of coming back to Myanmar for the final presentation of the Report.

The Chairman delivered words of thanks to all the members for their contribution and sharing of their precious time, and further thanked JICA for the cooperation and collaboration, and the SC meeting ended at 15:00.



Participants List of the Steering Committee Meeting on Interim Report No.4**Chairman**

U Than Aye Director General, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Ministry of Agriculture and Irrigation

U Hla Baw Deputy Director General, Irrigation Department,
Ministry of Agriculture and Irrigation

U Sein Win General Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Maung Maung Yee General Manager, Myanmar Agriculture Service,
Ministry of Agriculture and Irrigation

U Kyaw Win General Manager, Myanmar Agriculture Service,
Ministry of Agriculture and Irrigation

U Zaw Win General Manager, Myanma Industrial Crop Development Enterprise,
Ministry of Agriculture and Irrigation

U Myint Oo Deputy General Manager, Myanmar Agriculture Service,
Ministry of Agriculture and Irrigation

U Hla Tin Director, Department of Agricultural Research,
Ministry of Agriculture and Irrigation

U Aye Maung Sein Director, Settlement and Land Record Department,
Ministry of Agriculture and Irrigation

U Myint Aung Deputy Director, Water Resources Utilization Department,
Ministry of Agriculture and Irrigation

U Win Maying Assistant Director, Agricultural Mechanization Department,
Ministry of Agriculture and Irrigation

U Thura Soe National Project Director, Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Htin Aung Shein Assistant Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Toe Nyein Staff Officer, Irrigation Department,
Ministry of Agriculture and Irrigation

Daw Htay Htay Staff Officer, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Daw Nyo Nyo Mar Deputy Staff Officer, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Daw Nwet Nwet San Assistant Planning Officer, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Daw Malar Oo Program Officer, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Daw Thet Mar Kyaw Assistant Supervisor, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

Ministry of Livestock and Fishery

Dr. Min Bo Thein Deputy Director, Livestock Breeding and Veterinary Department,
Ministry of Livestock and Fisheries

Dr. Yin Yin San Assistant Director, Livestock Breeding and Veterinary Department,
Ministry of Livestock and Fisheries

Ministry of Cooperative

U Tin Pwar Director, Cooperative Department,

U Swe Tint
Daw Nyein Aye
Daw Cho Cho Tun

Ministry of Cooperative
Deputy Director, Cottage Industries Department,
Ministry of Cooperative
Executive Engineer, Cottage Industries Department,
Ministry of Cooperative
BOD, Cooperative Department,
Ministry of Cooperative

JICA Myanmar Office

Mr. Katsuyoshi Saito
Mr. Minoru Yoshida
U Kyaw Lwin Oo

Senior Representative of JICA Myanmar Office
Project Formulation Adviser
Program Assistant

JICA Study Team

Mr. Kosei Hashiguchi
Mr. Kensuke Iriya
Mr. Norio Sakagami

Team Leader/ Government Service/ Poverty Reduction
Co-Team Leader/ Livestock Promotion
Coordinator/ Pilot Project Logistics

Media

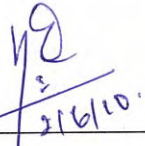
Daw Su Hlaing Htun
U Win Ko Ko Latt

Reporter, The Myanmar Times Journal
Editor, Eleven Media Group

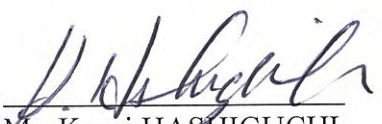


**MINUTES OF THE MEETING
ON
DRAFT FINAL REPORT
FOR
THE DEVELOPMENT STUDY
ON SUSTAINABLE AGRICULTURE AND RURAL
DEVELOPMENT FOR POVERTY REDUCTION
PROGRAMME
IN
THE CENTRAL DRY ZONE OF THE UNION OF
MYANMAR**

June 2, 2010



U Than Aye
Chairman of the Steering Committee
Director General,
Department of Agricultural Planning,
Ministry of Agriculture and Irrigation,
The Union of Myanmar



Mr. Kosei HASHIGUCHI
Leader of the Study Team,
Japan International Cooperation
Agency (JICA),
Japan

INTRODUCTION

Following the Scope of Work (SW) agreed upon between the Preparatory Study Team of the Japan International Cooperation Agency (JICA) and the Government of the Union of Myanmar on 16 November 2005, JICA fielded a Study Team to the Union of Myanmar first time in May 2006 to commence the Development Study on Sustainable Agriculture and Rural Development for Poverty Reduction Programme in the Central Dry Zone.

The Study Team together with the relevant counterparts has conducted necessary field surveys and also implemented pilot projects. They have completed all the scheduled activities in the Union of Myanmar till the end of February 2010. Incorporating the achievements and lessons learnt throughout the study period, the Team submitted 40 copies of the Draft Final Report to the Ministry of Agriculture and Irrigation. A Steering Committee (SC) was therefore convened to discuss the contents of the Draft Final Report.

The Steering Committee meeting was held on June 2, 2010 at a conference room of the Headquarters of Ministry of Agriculture and Irrigation. Following the introduction of the participants by the master of the ceremony, the Chairman of the Steering Committee, U Than Aye, made the opening speech by firstly welcoming all the participants, and thanking JICA for all the collaborative activities rendered. Then, Mr. MIYAMOTO Hideo, Chief representative of JICA Myanmar office, made remarks by appreciating all the collaborative works from the concerned ministries.

After the remarks, the Chairman of the Steering Committee requested the Study Team to make the presentation. At first the team leader reviewed overall work schedule and the objectives of the Study, and then went into the presentation composed of; 1) status of the CDZ i.e. natural environment and the social stratum of the people, 2) outputs from the pilot project implementation and recommended projects, 3) agriculture which is the mainstay for the CDZ population, and 4) CDZ development plan centering on Development Framework. The floor was thereafter opened for interactive discussions. The list of the participants in the meeting is attached on the last page hereto:

DISCUSSIONS

In response to the presentation by the Team Leader, the Chairman thanked JICA Study Team for preparing excellent presentation on the CDZ and preparing Development Plan which is very knowledgeable for Myanmar side. He also added that the Myanmar side can learn a lot of experiences from the study. Then, he requested all the participants to present their comments, which will be reflected in the Final Report of the study. Following are the comments given and also answers made by the Study Team:

1. A participant from Cooperative Department stated what the department can do in implementing the projects proposed in the development framework. He gave examples of how his department has contributed in giving financial training to beneficiary villagers and how it has facilitated formation of village based organizations. He also referred to their own experiences in the field of micro finance, goat raising,

electricity project, seed dissemination, etc, and he stressed that the cooperative department has capacity of cooperating with these kinds of project. The team leader recognizes the important role of the Cooperative Department, e.g. facilitator's role in organizing village organizations, trainer's role in equipping villagers with financial knowledge, etc., by referring to the experiences for the pilot project implementation.

2. A Cooperative Department official raised concerns on how to make prioritization in each sector. The team leader replied that the framework was established through a series of participatory workshops held four times inviting divisional officers, district officers, TS officers and village representatives concerted. Prioritization of each program/projects was the results from these workshops. The study team therefore strongly requested that the Myanmar side refer to the framework during the Budget Estimation meeting to be held in September for the next financial year's activities.
3. A participant from Settlement and Land Record Department (SLRD) raised some concerns relating to the contents of '3.9.1 History Of Land Reform in the Union and Existence of the Landless' i.e. 1) losing a part of farmland due to debt, 2) appearing of a person's name, and 3) no data availability for estimating how much area is required for landless people. The team leader, taking into consideration the relevant policies, is to re-phrase these concerned statements.
4. A participant from Water Resources Utilization Department (WRUD) noticed that his department should be incorporated in water related projects, i.e. small-scale irrigated horticulture programme, as one of the implementing agencies proposed in the development framework. The team leader agreed and expressed the need of putting the department as one of the responsible agencies for implementation. The WRUD will therefore appear on the list of the implementing agencies for those projects related to water resources development.
5. Same participant from the WRUD pointed out a need of developing groundwater for irrigation. Irrigation can source river water as well as groundwater, so that groundwater projects should appear in the development framework, he added. The team leader responded by saying that groundwater can be developed for domestic purposes but it would be hard for irrigation. Since irrigation needs bulk amount of water, say at least 30 liters per second of yield for its financial sustainability, groundwater can hardly be developed for irrigation purpose in the CDZ. However, the leader agreed by saying as the first step there may be a need of exploring the feasibility for groundwater development, i.e. the need of a feasibility study. The need of the study for groundwater development is to be incorporated in one of the water related projects. The participant said the WRUD has a list of pilot groundwater development projects, which is to be provided to the study team for reference.
6. A participant from MAS noticed that the development framework is very much useful of knowing the development strategy by priority and priority areas (townships) to implement projects. The framework has been prepared through a series of participatory workshops so that needs from the ground are reflected therein.

However, to formulate the own development plan by the ministry and by department should be the participant officials' sole responsibility, in line with the relevant government policies. The team leader responded by saying that he completely agrees what the participant said. In preparing the ministries' own development plan, the development framework could be a very good reference material of doing so.

7. The Chairman remarked that the development framework is useful not only for the concerning ministries and departments but also for international donors. The team leader agrees in this point since the framework can work as a platform for all the development partners.

Way-forward:

The chairman of the SC requested the participants to give the comments if any on the DFR one week before the end of this month, June. The comments will be summarized at the Department of Agricultural Planning, and by the end of June 2010, the comments will be delivered to the Study Team for the finalization of the draft report into the final version.

The Chairman delivered words of thanks to all the members for their contribution and sparing of their precious time, and further thanked JICA for the cooperation and collaboration, and the SC meeting ended at 15:00.



Participants List of the Steering Committee Meeting on Draft Final Report**Chairman**

U Than Aye Director General, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Ministry of Agriculture and Irrigation

U Khin Soe Director General, Department of Agricultural Research,
Ministry of Agriculture and Irrigation

U Hla Kyaw Deputy Director General, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

U Hla Baw Deputy Director General, Irrigation Department,
Ministry of Agriculture and Irrigation

U Hla Gyi General Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Maung Maung Yee General Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Zaw Win General Manager, Myanma Industrial Crop Development Enterprise,
Ministry of Agriculture and Irrigation

Daw Khin Nan Myint Deputy General Manager, Myanma Agricultural Development Bank,
Ministry of Agriculture and Irrigation

U Myint Swe Director, Settlement and Land Record Department,
Ministry of Agriculture and Irrigation

U Myint Aung Deputy Director, Water Resources Utilization Department,
Ministry of Agriculture and Irrigation

Daw Ahmar Aye Assistant Director, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

U Myo Tint Tun Assistant Director, Department of Agricultural Planning,
Ministry of Agriculture and Irrigation

Daw San San Myint Manager, Myanmar Agricultural Service,
Ministry of Agriculture and Irrigation

U Thura Soe National Project Director, Manager, Myanma Agriculture Service,
Ministry of Agriculture and Irrigation

U Ye Tun Staff Officer, Settlement and Land Record Department,
Ministry of Agriculture and Irrigation

U Myint Thein Staff Officer, Water Resources Utilization Department,
Ministry of Agriculture and Irrigation

Daw Myat Thuzar Thein Programme Officer, Department of Agriculture Planning,
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APPENDIX 2

MEMBER OF COUNTERPART PERSONNEL AND STUDY TEAM

LIST OF COUNTERPART PERSONNEL AND STUDY TEAM MEMBER**Counterpart Personnel and Study Team Member**

Study Team	Expertise	Counterpart
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APPENDIX 3

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Table-1
Number of Administration

Division	District	Township	Number of Administration (2000)			Number of Administration (2001)		
			Village Tract	Ward	Village	Village Tract	Ward	Village
Sagaing	Sagaing	1 S1 Sagaing	81	18	204	81	18	204
		2 S2 Myinmu	52	10	79	52	10	79
		3 S3 Myaung	52	4	81	52	4	81
		Total	185	32	364	185	32	364
	Monywa	4 S4 Monywa	61	20	219	61	20	219
		5 S5 Chaung -U	26	6	74	26	6	74
		6 S6 Ayadaw	38	3	161	38	3	161
		7 S7 Budalin	54	3	187	54	3	187
		8 S8 Salingyi	42	13	168	42	13	168
		9 S9 Yinmabin	42	4	163	42	4	163
		10 S10 Pale	59	2	182	59	2	182
	Total	322	51	1,154	322	51	1,154	
	Shwebo	11 S11 Shwebo	71	10	169	71	10	169
		12 S12 Taze	55	2	261	55	2	261
		13 S13 Wetlet	70	18	224	70	18	224
		14 S14 Khin- U	59	4	145	59	4	145
		15 S15 Ye- U	62	5	192	62	5	192
		16 S16 Tabayin	58	2	201	58	2	201
		17 S17 Kanbalu	91	5	276	91	5	276
	Total	466	46	1,468	466	46	1,468	
	Total	973	129	2,986	973	129	2,986	
Mandalay	Kyaukse	18 M1 Kyaukse	86	31	211	86	31	211
		19 M2 Myittha	88	6	227	88	6	227
		20 M3 Tada- U	64	15	140	64	15	140
		Total	238	52	578	238	52	578
	Myingyan	21 M4 Myingyan	66	19	185	66	19	185
		22 M5 Taungtha	77	6	245	77	6	245
		23 M6 Natogyi	64	6	187	64	6	187
		24 M7 Kyaukpadaung	109	12	336	109	12	336
		25 M8 Ngazun	44	8	160	44	8	160
	Total	360	51	1,113	360	51	1,113	
	Meikhtila	26 M9 Meikhtila	58	13	385	58	13	385
		27 M10 Mahlaing	14	15	247	14	15	247
		28 M11 Thazi	80	7	244	80	7	244
		29 M12 Wundwin	75	6	218	75	6	218
	Total	227	41	1,094	227	41	1,094	
	Nyaung- U	30 M13 Nyaung-U	76	12	218	76	12	218
		Total	76	12	218	76	12	218
Total	901	156	3,003	901	156	3,003		
Magway	Pakokku	31 G1 Pakokku	55	15	271	55	15	271
		32 G2 Pauk	71	4	232	71	4	232
		33 G3 Myaing	81	3	331	81	3	331
		34 G4 Yesagy	81	8	239	47	5	171
		35 G5 Seikphyu	46	4	141	46	4	141
	Total	334	34	1,214	300	31	1,146	
	Magway	36 G6 Magway	61	14	214	61	14	214
		37 G7 Chauk	51	46	225	51	46	225
		38 G8 Yenangyaung	43	14	245	81	8	239
		39 G9 Natmauk	73	7	234	73	7	234
		40 G10 Myothit	47	5	171	81	3	331
		41 G11 Taungdwingyi	72	10	272	72	10	272
	Total	347	96	1,361	419	88	1,515	
	Minbu	42 G12 Minbu	66	7	150	72	4	158
		43 G13 Pwintbyu	52	2	202	52	2	202
		44 G14 Salin	102	6	417	102	6	417
		45 G15 Ngaphe	31	2	108	31	2	108
	Total	251	17	877	257	14	885	
	Thayet	46 G16 Thayet	53	8	157	53	8	157
		47 G17 Mindon	72	4	158	92	8	245
		48 G18 Minhla	63	6	153	63	6	153
49 G19 Aunglan		92	8	245	92	8	245	
50 G20 Sinbaungwe		46	3	137	46	3	137	
51 G21 Kamma		52	4	153	52	4	153	
Total	378	33	1,003	398	37	1,090		
Total	1,310	180	4,455	1,374	170	4,636		
Total		3,184	465	10,444	3,248	455	10,625	

Source:Health Management Information System (HMS)

Table-1
Number of Administration

Division	District	Township	Number of Administration (2002)			Number of Administration (2003)		
			Village Tract	Ward	Village	Village Tract	Ward	Village
Sagaing	Sagaing	1 S1 Sagaing	81	18	204	81	18	204
		2 S2 Myinmu	52	10	79	52	10	79
		3 S3 Myaung	52	4	81	52	4	81
		Total	185	32	364	185	32	364
	Monywa	4 S4 Monywa	61	20	219	61	20	219
		5 S5 Chaung -U	26	6	74	26	6	74
		6 S6 Ayadaw	38	3	161	38	3	161
		7 S7 Budalin	54	3	187	54	3	187
		8 S8 Salingyi	42	13	168	42	13	168
		9 S9 Yinmabin	42	4	163	42	4	163
	10 S10 Pale	59	2	182	59	2	182	
	Total	322	51	1,154	322	51	1,154	
	Shwebo	11 S11 Shwebo	71	10	169	71	10	169
		12 S12 Taze	55	2	261	55	2	261
		13 S13 Wetlet	70	18	224	70	18	224
		14 S14 Khin- U	59	4	145	59	4	145
		15 S15 Ye- U	62	5	192	62	5	192
16 S16 Tabayin		58	2	201	58	2	201	
17 S17 Kanbalu		91	5	276	91	5	276	
Total	466	46	1,468	466	46	1,468		
Total	973	129	2,986	973	129	2,986		
Mandalay	Kyaukse	18 M1 Kyaukse	86	31	211	86	31	211
		19 M2 Myittha	88	6	227	88	6	227
		20 M3 Tada- U	64	15	140	64	15	140
		Total	238	52	578	238	52	578
	Myingyan	21 M4 Myingyan	66	19	185	66	19	185
		22 M5 Taungtha	77	6	245	77	6	245
		23 M6 Natogyi	64	6	187	64	6	187
		24 M7 Kyaukpadaung	109	12	336	109	12	336
		25 M8 Ngazun	44	8	160	44	8	160
	Total	360	51	1,113	360	51	1,113	
	Meikhtila	26 M9 Meikhtila	58	13	385	58	13	385
		27 M10 Mahlaing	14	15	247	14	15	247
		28 M11 Thazi	80	7	244	80	7	244
		29 M12 Wundwin	75	6	218	75	6	218
Total	227	41	1,094	227	41	1,094		
Nyaung- U	30 M13 Nyaung-U	76	12	218	76	12	218	
	Total	76	12	218	76	12	218	
Total	901	156	3,003	901	156	3,003		
Magway	Pakokku	31 G1 Pakokku	55	15	271	55	15	258
		32 G2 Pauk	71	4	232	71	4	232
		33 G3 Myaing	81	3	331	81	3	332
		34 G4 Yesagyoy	81	8	239	81	8	239
		35 G5 Seikphyu	46	4	141	46	4	137
	Total	334	34	1,214	334	34	1,198	
	Magway	36 G6 Magway	61	14	214	81	8	239
		37 G7 Chauk	51	46	225	51	46	236
		38 G8 Yenangyaung	43	14	245	29	14	147
		39 G9 Natmauk	73	7	234	73	7	234
		40 G10 Myothit	47	5	171	52	5	174
		41 G11 Taungdwingyi	72	10	272	72	10	272
	Total	347	96	1,361	358	90	1,302	
	Minbu	42 G12 Minbu	66	7	150	66	7	150
		43 G13 Pwintbyu	52	2	202	56	4	202
		44 G14 Salin	102	6	417	102	12	414
		45 G15 Ngaphe	31	2	108	33	2	103
		Total	251	17	877	257	25	869
	Thayet	46 G16 Thayet	53	8	157	61	8	159
47 G17 Mindon		72	4	158	72	4	158	
48 G18 Minhla		63	6	153	63	6	153	
49 G19 Aunglan		92	8	245	92	8	240	
50 G20 Sinbaungwe		46	3	137	46	3	138	
51 G21 Kamma		52	4	153	52	4	152	
Total	378	33	1,003	386	33	1,000		
Total	1,310	180	4,455	1,335	182	4,369		
Total		3,184	465	10,444	3,209	467	10,358	

Source:Health Management Information System (HMS)

Table-1
Number of Administration

Division	District	Township	Number of Administration (2004)		
			Village Tract	Ward	Village
Sagaing	Sagaing	1 S1 Sagaing	81	14	204
		2 S2 Myinmu	48	4	81
		3 S3 Myaung	48	4	81
		Total	177	22	366
	Monywa	4 S4 Monywa	57	24	194
		5 S5 Chaung -U	26	6	89
		6 S6 Ayadaw	38	3	161
		7 S7 Budalin	54	3	187
		8 S8 Salingyi	39	3	155
		9 S9 Yinmabin	42	4	164
	10 S10 Pale	59	2	181	
	Total	315	45	1,131	
	Shwebo	11 S11 Shwebo	72	10	168
		12 S12 Taze	55	2	275
		13 S13 Wetlet	69	3	228
		14 S14 Khin- U	59	4	144
		15 S15 Ye- U	62	5	205
16 S16 Tabayin		56	2	203	
17 S17 Kanbalu		86	5	271	
Total	459	31	1,494		
Total	951	98	2,991		
Mandalay	Kyaukse	18 M1 Kyaukse	86	10	207
		19 M2 Myittha	82	6	227
		20 M3 Tada- U	61	3	167
		Total	229	19	601
	Myingyan	21 M4 Myingyan	66	19	185
		22 M5 Taungtha	77	6	244
		23 M6 Natogyi	186	6	64
		24 M7 Kyaukpadaung	109	12	335
		25 M8 Ngazun	160	4	44
	Total	598	47	872	
	Meikhtila	26 M9 Meikhtila	58	12	380
		27 M10 Mahlaing	52	4	247
		28 M11 Thazi	80	7	242
29 M12 Wundwin		69	6	218	
Total	259	29	1,087		
Nyaung- U	30 M13 Nyaung-U	75	16	210	
	Total	75	16	210	
Total	1,161	111	2,770		
Magway	Pakokku	31 G1 Pakokku	55	15	258
		32 G2 Pauk	67	4	232
		33 G3 Myaing	81	3	332
		34 G4 Yesagyo	81	8	249
		35 G5 Seikphyu	43	3	140
	Total	327	33	1,211	
	Magway	36 G6 Magway	61	14	214
		37 G7 Chauk	51	15	220
		38 G8 Yenangyaung	29	14	143
		39 G9 Natmauk	73	7	231
		40 G10 Myothit	47	5	170
		41 G11 Taungdwingyi	72	10	275
	Total	333	65	1,253	
	Minbu	42 G12 Minbu	67	7	148
		43 G13 Pwintbyu	52	4	204
		44 G14 Salin	102	6	416
		45 G15 Ngaphe	31	2	78
	Total	252	19	846	
	Thayet	46 G16 Thayet	53	8	157
47 G17 Mindon		72	4	178	
48 G18 Minhla		63	6	157	
49 G19 Aunglan		92	8	236	
50 G20 Sinbaungwe		46	3	138	
51 G21 Kamma		52	4	153	
Total	378	33	1,019		
Total	1,290	150	4,329		
Total			3,402	359	10,090

Source:Health Management Information System (HMS)

Table-2
Population (Sex 2000 – 2004)

Division	District	Township	Population Years: (2000)			Population Years: (2001)			
			Male	Female	Total	Male	Female	Total	
Sagaing	Sagaing	1 S1 Sagaing	154,937	190,501	345,438	154,933	190,497	345,430	
		2 S2 Myinmu	58,027	61,715	119,742	58,439	62,153	120,592	
		3 S3 Myaung	59,091	60,897	119,988	60,192	62,032	122,224	
			Total	272,055	313,113	585,168	273,564	314,682	588,246
	Monywa	4 S4 Monywa	140,547	202,442	342,989	124,809	179,774	304,583	
		5 S5 Chaung -U	47,957	52,329	100,286	49,159	53,641	102,800	
		6 S6 Ayadaw	78,825	85,816	164,641	81,136	88,333	169,469	
		7 S7 Budalin	80,719	89,267	169,986	63,198	69,891	133,089	
		8 S8 Salingyi	154,781	190,309	345,090	58,890	72,408	131,298	
		9 S9 Yinmabin	66,916	71,081	137,997	67,454	71,652	139,106	
			10 S10 Pale	72,255	76,894	149,149	74,158	78,919	153,077
			Total	642,000	768,138	1,410,138	518,804	614,618	1,137,422
	Shwebo	11 S11 Shwebo	150,882	160,344	311,226	120,739	128,310	249,049	
		12 S12 Taze	77,017	84,089	161,106	77,017	84,089	161,106	
		13 S13 Wetlet	126,954	131,831	258,785	129,315	134,283	263,598	
		14 S14 Khin- U	82,374	91,875	174,249	83,923	93,603	177,526	
		15 S15 Ye- U	61,511	66,289	127,800	59,027	63,612	122,639	
16 S16 Tabayin		68,879	85,130	154,009	61,627	76,167	137,794		
17 S17 Kanbalu		124,555	131,206	255,761	126,754	133,523	260,277		
		Total	692,172	750,764	1,442,936	658,402	713,587	1,371,989	
		Total	1,606,227	1,832,015	3,438,242	1,450,770	1,642,887	3,093,657	
Mandalay	Kyaukse	18 M1 Kyaukse	86,636	90,144	176,780	86,874	90,393	177,267	
		19 M2 Myittha	77,819	88,274	166,093	89,124	92,825	181,949	
		20 M3 Tada- U	62,911	69,062	131,973	62,910	69,063	131,973	
			Total	227,366	247,480	474,846	238,908	252,281	491,189
	Myingyan	21 M4 Myingyan	180,055	191,766	371,821	183,440	195,371	378,811	
		22 M5 Taungtha	109,681	121,519	231,200	111,708	123,763	235,471	
		23 M6 Natogyi	95,204	104,270	199,474	96,916	106,148	203,064	
		24 M7 Kyaukpadaung	130,029	139,707	269,736	132,701	140,927	273,628	
			25 M8 Ngazun	74,831	91,446	166,277	79,756	89,512	169,268
			Total	589,800	648,708	1,238,508	604,521	655,721	1,260,242
	Meikhtila	26 M9 Meikhtila	141,309	155,090	296,399	141,309	155,090	296,399	
		27 M10 Mahlaing	101,510	114,643	216,153	106,455	114,237	220,692	
		28 M11 Thazi	91,331	95,438	186,769	89,296	93,817	183,113	
		29 M12 Wundwin	96,747	108,439	205,186	99,059	111,031	210,090	
			Total	430,897	473,610	904,507	436,119	474,175	910,294
	Nyaung- U	30 M13 Nyaung-U	117,400	124,813	242,213	118,031	126,579	244,610	
		Total	117,400	124,813	242,213	118,031	126,579	244,610	
		Total	1,365,463	1,494,611	2,860,074	1,397,579	1,508,756	2,906,335	
Magway	Pakokku	31 G1 Pakokku	131,020	141,597	272,617	134,700	144,802	296,502	
		32 G2 Pauk	76,727	82,192	158,919	78,313	81,943	160,256	
		33 G3 Myaing	121,350	130,372	251,722	124,660	132,599	257,259	
		34 G4 Yesaogyo	103,865	116,083	219,948	75,382	80,654	156,036	
		35 G5 Seikphyu	50,005	55,527	105,532	50,959	55,250	106,209	
			Total	482,967	525,771	1,008,738	464,014	495,248	959,262
	Magway	36 G6 Magway	155,180	163,548	318,728	148,078	159,741	307,819	
		37 G7 Chauk	108,096	118,331	226,427	111,011	120,984	231,995	
		38 G8 Yenangyaung	73,028	78,731	151,759	105,206	118,363	223,569	
		39 G9 Natmauk	105,704	113,978	219,682	106,091	115,062	221,153	
		40 G10 Myothit	72,999	78,229	151,228	124,660	132,599	257,259	
			41 G11 Taungdwingyi	121,201	129,012	250,213	125,718	133,960	259,678
			Total	636,208	681,829	1,318,037	720,764	780,709	1,501,473
	Minbu	42 G12 Minbu	78,985	82,160	161,145	28,724	30,554	59,278	
		43 G13 Pwintbyu	72,865	76,962	149,827	75,533	79,565	155,098	
		44 G14 Salin	110,163	118,656	228,819	111,808	118,999	230,807	
		45 G15 Ngaphe	18,951	20,138	39,089	19,463	20,450	39,913	
		Total	280,964	297,916	578,880	235,528	249,568	485,096	
Thayet	46 G16 Thayet	47,989	55,436	103,425	51,653	53,986	105,639		
	47 G17 Mindon	28,673	30,266	58,939	109,590	118,758	228,348		
	48 G18 Minhla	49,199	50,544	99,743	50,560	52,077	102,637		
	49 G19 Aunglan	108,192	115,965	224,157	102,747	112,283	215,030		
	50 G20 Sinbaungwe	52,226	55,782	108,008	53,942	58,876	112,818		
		51 G21 Kamma	34,425	37,191	71,616	34,595	37,720	72,315	
		Total	320,704	345,184	665,888	403,087	433,700	836,787	
		Total	1,720,843	1,850,700	3,571,543	1,823,393	1,959,225	3,782,618	
Total			4,692,533	5,177,326	9,869,859	4,671,742	5,110,868	9,782,610	

Source:Health Management Information System (HMS)

Table-2
Population (Sex 2000 – 2004)

Division	District	Township	Population Years: (2002)			Population Years: (2003)		
			Male	Female	Total	Male	Female	Total
Sagaing	Sagaing	1 S1 Sagaing	156,873	192,882	349,755	127,178	142,580	269,758
		2 S2 Myinmu	74,536	78,030	152,566	59,182	63,570	122,752
		3 S3 Myaung	53,866	55,513	109,379	58,347	62,900	121,247
		Total	285,275	326,425	611,700	244,707	269,050	513,757
	Monywa	4 S4 Monywa	154,346	222,318	376,664	154,891	161,211	316,102
		5 S5 Chaung -U	50,549	55,157	105,706	51,599	56,303	107,902
		6 S6 Ayadaw	81,597	88,836	170,433	82,576	89,538	172,114
		7 S7 Budalin	63,467	70,188	133,655	64,491	71,678	136,169
		8 S8 Salingyi	56,988	64,138	121,126	61,493	64,849	126,342
		9 S9 Yinmabin	67,095	72,597	139,692	68,242	73,622	141,864
	10 S10 Pale	73,590	78,314	151,904	74,414	79,166	153,580	
	Total	547,632	651,548	1,199,180	557,706	596,367	1,154,073	
	Shwebo	11 S11 Shwebo	119,245	126,722	245,967	116,332	132,895	249,227
		12 S12 Taze	78,809	86,045	164,854	79,230	87,553	166,783
		13 S13 Wetlet	127,851	132,755	260,606	138,638	140,547	279,185
		14 S14 Khin- U	85,501	95,362	180,863	80,444	87,343	167,787
		15 S15 Ye- U	59,607	64,238	123,845	60,734	64,710	125,444
16 S16 Tabayin		67,948	83,979	151,927	70,449	75,372	145,821	
17 S17 Kanbalu		128,720	135,594	264,314	131,037	138,034	269,071	
Total	667,681	724,695	1,392,376	676,864	726,454	1,403,318		
Total		1,500,588	1,702,668	3,203,256	1,479,277	1,591,871	3,071,148	
Mandalay	Kyaukse	18 M1 Kyaukse	91,621	95,846	187,467	108,949	114,272	223,221
		19 M2 Myittha	97,192	105,120	202,312	97,192	105,120	202,312
		20 M3 Tada- U	63,723	69,956	133,679	64,633	70,953	135,586
		Total	252,536	270,922	523,458	270,774	290,345	561,119
	Myingyan	21 M4 Myingyan	123,228	143,037	266,265	125,574	145,760	271,334
		22 M5 Taungtha	115,239	166,536	281,775	114,327	126,461	240,788
		23 M6 Natogyi	106,475	108,913	215,388	101,733	110,444	212,177
		24 M7 Kyaukpadaung	134,853	142,467	277,320	131,678	145,602	277,280
		25 M8 Ngazun	67,047	73,316	140,363	67,047	73,316	140,363
	Total	546,842	634,269	1,181,111	540,359	601,583	1,141,942	
	Meikhtila	26 M9 Meikhtila	134,938	166,348	301,286	152,494	178,677	331,171
		27 M10 Mahlaing	108,089	117,238	225,327	87,619	93,134	180,753
		28 M11 Thazi	92,397	96,990	189,387	95,530	101,400	196,930
		29 M12 Wundwin	133,053	134,757	267,810	107,790	110,922	218,712
	Total	468,477	515,333	983,810	443,433	484,133	927,566	
Nyaung- U	30 M13 Nyaung-U	119,784	128,022	247,806	121,272	129,800	251,072	
	Total	119,784	128,022	247,806	121,272	129,800	251,072	
Total		1,387,639	1,548,546	2,936,185	1,375,838	1,505,861	2,881,699	
Magway	Pakokku	31 G1 Pakokku	137,047	149,413	286,460	139,894	151,917	331,811
		32 G2 Pauk	91,912	96,172	188,084	93,949	102,194	196,143
		33 G3 Myaing	124,660	132,599	257,259	127,128	136,108	263,236
		34 G4 Yesagyo	105,206	118,363	223,569	107,462	120,628	228,090
		35 G5 Seikphyu	70,124	74,320	144,444	57,008	62,050	119,058
	Total	528,949	570,867	1,099,816	525,441	572,897	1,098,338	
	Magway	36 G6 Magway	157,771	167,759	325,530	160,905	169,255	330,160
		37 G7 Chauk	112,998	123,149	236,147	114,230	126,096	240,326
		38 G8 Yenangyaung	75,080	82,022	157,102	76,491	83,147	159,638
		39 G9 Natmauk	106,091	115,062	221,153	107,881	115,659	223,540
		40 G10 Myothit	75,382	80,654	156,036	76,974	83,176	160,150
		41 G11 Taungdwingyi	125,718	133,960	259,678	125,460	134,747	260,207
	Total	653,040	702,606	1,355,646	661,941	712,080	1,374,021	
	Minbu	42 G12 Minbu	82,182	85,720	167,902	79,957	86,084	166,041
		43 G13 Pwintbyu	75,533	79,565	155,098	78,278	82,469	160,747
		44 G14 Salin	113,738	121,424	235,162	115,651	123,332	238,983
		45 G15 Ngaphe	19,895	20,904	40,799	20,290	21,391	41,681
		Total	291,348	307,613	598,961	294,176	313,276	607,452
	Thayet	46 G16 Thayet	52,223	54,581	106,804	108,111	110,462	218,573
47 G17 Mindon		28,869	30,554	59,423	28,869	30,554	59,423	
48 G18 Minhla		49,946	51,951	101,897	49,946	51,951	101,897	
49 G19 Aunglan		109,590	118,758	228,348	114,519	121,931	236,450	
50 G20 Sinbaungwe		55,353	59,514	114,867	56,145	61,302	117,447	
51 G21 Kamma		34,917	38,072	72,989	35,892	39,280	75,172	
Total	330,898	353,430	684,328	393,482	415,480	808,962		
Total		1,804,235	1,934,516	3,738,751	1,875,040	2,013,733	3,888,773	
Total			4,692,462	5,185,730	9,878,192	4,730,155	5,111,465	9,841,620

Source:Health Management Information System (HMS)

Table-2
Population (Sex 2000 – 2004)

Division	District	Township	Population Years: (2004)			Population Years: (2004)			
			Male	Female	Total	Under 18	Above 18	Total	
Sagaing	Sagaing	1 S1 Sagaing	181,367	188,864	370,231	107,663	262,568	370,231	
		2 S2 Myinmu	74,823	79,539	154,362			-	
		3 S3 Myaung	82,658	88,517	171,175			-	
			Total	338,848	356,920	695,768	107,663	262,568	370,231
	Monywa	4 S4 Monywa	189,092	195,319	384,411	174,552	209,859	384,411	
		5 S5 Chaung -U	63,444	67,469	130,913	49,619	81,284	130,903	
		6 S6 Ayadaw	109,680	117,799	227,479	98,588	128,891	227,479	
		7 S7 Budalin	84,352	93,387	177,739	66,995	110,744	177,739	
		8 S8 Salingyi	81,226	85,618	166,844	67,502	95,817	163,319	
		9 S9 Yinmabin	79,454	82,921	162,375	85,872	76,503	162,375	
		10 S10 Pale	83,974	86,870	170,844			-	
			Total	691,222	729,383	1,420,605	543,128	703,098	1,246,226
	Shwebo	11 S11 Shwebo	159,445	167,390	326,835	171,247	155,588	326,835	
		12 S12 Taze	97,145	105,694	202,839			-	
		13 S13 Wetlet	130,471	140,703	271,174	130,698	140,476	271,174	
		14 S14 Khin- U	88,149	94,377	182,526	51,220	131,306	182,526	
		15 S15 Ye- U	77,323	83,179	160,502	54,666	105,836	160,502	
16 S16 Tabayin		82,774	89,067	171,841	78,637	93,204	171,841		
17 S17 Kanbalu		142,278	147,864	290,142	142,898	147,244	290,142		
		Total	777,585	828,274	1,605,859	629,366	773,654	1,403,020	
		Total	1,807,655	1,914,577	3,722,232	1,280,157	1,739,320	3,019,477	
Mandalay	Kyaukse	18 M1 Kyaukse	118,712	120,211	238,923	159,281	79,640	238,921	
		19 M2 Myittha	108,442	108,102	216,544	72,181	144,363	216,544	
		20 M3 Tada- U	97,523	103,184	200,707	66,903	133,806	200,709	
				Total	324,677	331,497	656,174	298,365	357,809
	Myingyan	21 M4 Myingyan	203,297	214,244	417,541	139,181	278,360	417,541	
		22 M5 Taungtha	161,434	173,046	334,480	111,980	222,954	334,934	
		23 M6 Natogyi	132,258	140,678	272,936	90,980	181,958	272,938	
		24 M7 Kyaukpadaung	183,087	194,654	377,741	125,913	251,829	377,742	
		25 M8 Ngazun	108,441	113,815	222,256	74,085	148,171	222,256	
			Total	788,517	836,437	1,624,954	542,139	1,083,272	1,625,411
	Meikhtila	26 M9 Meikhtila	223,213	225,813	449,026	149,676	299,350	449,026	
		27 M10 Mahlaing	116,371	123,912	240,283	80,094	160,188	240,282	
		28 M11 Thazi	115,996	121,027	237,023	79,007	158,016	237,023	
		29 M12 Wundwin	139,862	146,669	286,531	95,510	191,020	286,530	
			Total	595,442	617,421	1,212,863	404,287	808,574	1,212,861
	Nyaung- U	30 M13 Nyaung-U	159,235	166,954	326,189			-	
				Total	159,235	166,954	326,189	-	-
		Total	1,867,871	1,952,309	3,820,180	1,244,791	2,249,655	3,494,446	
Magway	Pakokku	31 G1 Pakokku	196,581	206,400	402,981			-	
		32 G2 Pauk	98,690	101,506	200,196	91,264	108,932	200,196	
		33 G3 Myaing	157,855	170,187	328,042			-	
		34 G4 Yesagyo	159,481	171,377	330,858	143,093	187,765	330,858	
		35 G5 Seikphyu	58,958	61,986	120,944			-	
			Total	671,565	711,456	1,383,021	234,357	296,697	531,054
	Magway	36 G6 Magway	180,102	180,695	360,797			-	
		37 G7 Chauk	146,166	148,638	294,804			-	
		38 G8 Yenangaung	114,234	120,674	234,908			-	
		39 G9 Natmauk	141,471	150,589	292,060			-	
		40 G10 Myothit	94,621	99,247	193,868			-	
		41 G11 Taungdwingyi	148,025	153,335	301,360			-	
			Total	824,619	853,178	1,677,797	-	-	-
	Minbu	42 G12 Minbu	107,837	104,991	212,828	86,173	126,655	212,828	
		43 G13 Pwintbyu	101,974	105,080	207,054			-	
		44 G14 Salin	146,485	153,133	299,618	162,352	137,266	299,618	
		45 G15 Ngaphe	25,740	26,087	51,827			-	
			Total	382,036	389,291	771,327	248,525	263,921	512,446
Thayet	46 G16 Thayet	72,408	72,838	145,246			-		
	47 G17 Mindon	41,694	42,713	84,407	22,949	58,444	81,393		
	48 G18 Minhla	73,884	71,331	145,215	78,913	66,302	145,215		
	49 G19 Aunglan	136,239	135,651	271,890	147,660	124,230	271,890		
	50 G20 Sinbaungwe	67,521	68,226	135,747			-		
	51 G21 Kamma	51,683	53,153	104,836	56,898	47,938	104,836		
		Total	443,429	443,912	887,341	306,420	296,914	603,334	
		Total	2,321,649	2,397,837	4,719,486	789,302	857,532	1,646,834	
Total			5,997,175	6,264,723	12,261,898	3,314,250	4,846,507	8,160,757	

Source:Health Management Information System (HMS)

Table-3
Population (Urban and Rural 2000 – 2004)

Division	District	Township	Population Years: (2000)			Population Years: (2001)		
			Urban	Rural	Total	Urban	Rural	Total
Sagaing	Sagaing	1 S1 Sagaing	75,214	270,224	345,438	75,212	270,218	345,430
		2 S2 Myinmu	15,416	104,326	119,742	15,525	105,067	120,592
		3 S3 Myaung	16,791	103,197	119,988	17,104	105,120	122,224
		Total	107,421	477,747	585,168	107,841	480,405	588,246
	Monywa	4 S4 Monywa	159,607	183,382	342,989	141,735	162,848	304,583
		5 S5 Chaung -U	30,087	70,199	100,286	30,841	71,959	102,800
		6 S6 Ayadaw	7,752	156,889	164,641	7,979	161,490	169,469
		7 S7 Budalin	14,848	155,138	169,986	11,625	121,464	133,089
		8 S8 Salingyi	13,005	332,085	345,090	4,948	126,350	131,298
		9 S9 Yinmabin	19,311	118,686	137,997	19,466	119,640	139,106
		10 S10 Pale	5,975	143,174	149,149	6,132	146,945	153,077
		Total	250,585	1,159,553	1,410,138	222,726	910,696	1,137,422
	Shwebo	11 S11 Shwebo	45,705	265,521	311,226	36,574	212,475	249,049
		12 S12 Taze	9,191	151,915	161,106	9,191	151,915	161,106
		13 S13 Wetlet	13,794	244,991	258,785	14,050	249,548	263,598
		14 S14 Khin- U	12,783	161,466	174,249	13,023	164,503	177,526
		15 S15 Ye- U	17,883	109,917	127,800	17,161	105,478	122,639
16 S16 Tabayin		21,551	132,458	154,009	19,282	118,512	137,794	
17 S17 Kanbalu		16,901	238,860	255,761	17,199	243,078	260,277	
	Total	137,808	1,305,128	1,442,936	126,480	1,245,509	1,371,989	
	Total	495,814	2,942,428	3,438,242	457,047	2,636,610	3,093,657	
Mandalay	Kyaukse	18 M1 Kyaukse	31,872	144,908	176,780	31,960	145,307	177,267
		19 M2 Myittha	43,187	122,906	166,093	47,310	134,639	181,949
		20 M3 Tada- U	10,591	121,382	131,973	10,591	121,382	131,973
		Total	85,650	389,196	474,846	89,861	401,328	491,189
	Myingyan	21 M4 Myingyan	105,982	265,839	371,821	107,974	270,837	378,811
		22 M5 Taungtha	15,406	215,794	231,200	15,691	219,780	235,471
		23 M6 Natogyi	14,065	185,409	199,474	14,318	188,746	203,064
		24 M7 Kyaukpadaung	34,438	235,298	269,736	34,935	238,693	273,628
		25 M8 Ngazun	11,202	155,075	166,277	11,404	157,864	169,268
		Total	181,093	1,057,415	1,238,508	184,322	1,075,920	1,260,242
	Meikhtila	26 M9 Meikhtila	93,455	202,944	296,399	93,455	202,944	296,399
		27 M10 Mahlaing	56,204	159,949	216,153	57,384	163,308	220,692
		28 M11 Thazi	26,091	160,678	186,769	25,580	157,533	183,113
29 M12 Wundwin		26,410	178,776	205,186	27,041	183,049	210,090	
	Total	202,160	702,347	904,507	203,460	706,834	910,294	
Nyaung- U	30 M13 Nyaung-U	26,183	216,030	242,213	26,442	218,168	244,610	
	Total	26,183	216,030	242,213	26,442	218,168	244,610	
	Total	495,086	2,364,988	2,860,074	504,085	2,402,250	2,906,335	
Magway	Pakokku	31 G1 Pakokku	83,907	188,710	272,617	86,026	193,476	279,502
		32 G2 Pauk	15,372	143,547	158,919	15,501	144,755	160,256
		33 G3 Myaing	6,885	244,837	251,722	7,036	250,223	257,259
		34 G4 Yesaogyo	42,679	177,269	219,948	8,173	147,863	156,036
		35 G5 Seikphyu	15,822	89,710	105,532	15,923	90,286	106,209
		Total	164,665	844,073	1,008,738	132,659	826,603	959,262
	Magway	36 G6 Magway	73,334	245,394	318,728	70,824	236,995	307,819
		37 G7 Chauk	58,507	167,920	226,427	59,946	172,049	231,995
		38 G8 Yenangyaung	24,494	127,265	151,759	43,382	180,187	223,569
		39 G9 Natmauk	14,193	205,489	219,682	14,288	206,865	221,153
		40 G10 Myothit	7,921	143,307	151,228	7,036	250,223	257,259
		41 G11 Taungdwingyi	45,581	204,632	250,213	47,306	212,372	259,678
		Total	224,030	1,094,007	1,318,037	242,782	1,258,691	1,501,473
	Minbu	42 G12 Minbu	24,166	136,979	161,145	9,501	49,777	59,278
		43 G13 Pwintbyu	5,975	143,852	149,827	6,185	148,913	155,098
		44 G14 Salin	11,784	217,035	228,819	11,886	218,921	230,807
		45 G15 Ngaphe	3,905	35,184	39,089	3,987	35,926	39,913
		Total	45,830	533,050	578,880	31,559	453,537	485,096
Thayet	46 G16 Thayet	21,744	81,681	103,425	22,209	83,430	105,639	
	47 G17 Mindon	9,447	49,492	58,939	56,447	171,901	228,348	
	48 G18 Minhla	14,951	84,792	99,743	15,384	87,253	102,637	
	49 G19 Aunglan	55,411	168,746	224,157	53,155	161,875	215,030	
	50 G20 Sinbaungwe	5,963	102,045	108,008	6,229	106,589	112,818	
	51 G21 Kamma	5,805	65,811	71,616	5,805	66,454	72,259	
	Total	113,321	552,567	665,888	159,229	677,502	836,731	
	Total	547,846	3,023,697	3,571,543	566,229	3,216,333	3,782,562	
Total			1,538,746	8,331,113	9,869,859	1,527,361	8,255,193	9,782,554

Source:Health Management Information System (HMS)

Table-3
Population (Urban and Rural 2000 – 2004)

Division	District	Township	Population Years: (2002)			Population Years: (2003)		
			Urban	Rural	Total	Urban	Rural	Total
Sagaing	Sagaing	1 S1 Sagaing	48,705	301,050	349,755	37,565	232,193	269,758
		2 S2 Myinmu	13,326	139,240	152,566	10,722	112,030	122,752
		3 S3 Myaung	9,921	99,458	109,379	10,997	110,250	121,247
		Total	71,952	539,748	611,700	59,284	454,473	513,757
	Monywa	4 S4 Monywa	34,030	342,634	376,664	28,559	287,543	316,102
		5 S5 Chaung -U	16,909	88,796	105,705	17,261	90,641	107,902
		6 S6 Ayadaw	25,029	145,404	170,433	25,276	146,838	172,114
		7 S7 Budalin	5,354	128,301	133,655	5,455	130,714	136,169
		8 S8 Salingyi	8,886	112,240	121,126	9,269	117,073	126,342
		9 S9 Yinmabin	65,005	74,687	139,692	66,015	75,849	141,864
	10 S10 Pale	50,126	101,778	151,904	50,679	102,901	153,580	
	Total	205,339	993,840	1,199,179	202,514	951,559	1,154,073	
	Shwebo	11 S11 Shwebo	31,666	214,301	245,967	32,086	217,141	249,227
		12 S12 Taze	49,458	115,396	164,854	50,037	116,746	166,783
		13 S13 Wetlet	36,469	224,138	260,607	39,068	240,117	279,185
		14 S14 Khin- U	33,187	147,676	180,863	30,788	136,999	167,787
		15 S15 Ye- U	22,844	101,001	123,845	23,139	102,305	125,444
16 S16 Tabayin		5,725	146,202	151,927	5,496	140,325	145,821	
17 S17 Kanbalu		12,909	251,405	264,314	13,142	255,929	269,071	
Total	192,258	1,200,119	1,392,377	193,756	1,209,562	1,403,318		
Total	469,549	2,733,707	3,203,256	455,554	2,615,594	3,071,148		
Mandalay	Kyaukse	18 M1 Kyaukse	33,799	153,668	187,467	40,245	182,976	223,221
		19 M2 Myittha	52,605	149,707	202,312	52,605	149,707	202,312
		20 M3 Tada- U	10,728	122,951	133,679	10,881	124,705	135,586
		Total	97,132	426,326	523,458	103,731	457,388	561,119
	Myingyan	21 M4 Myingyan	75,895	190,370	266,265	77,340	193,994	271,334
		22 M5 Taungtha	18,776	262,999	281,775	16,045	224,743	240,788
		23 M6 Natogyi	15,187	200,201	215,388	14,961	197,216	212,177
		24 M7 Kyaukpadaung	35,406	241,914	277,320	35,401	241,879	277,280
		25 M8 Ngazun	9,456	130,907	140,363	9,456	130,907	140,363
	Total	154,720	1,026,391	1,181,111	153,203	988,739	1,141,942	
	Meikhtila	26 M9 Meikhtila	94,996	206,290	301,286	104,419	226,752	331,171
		27 M10 Mahlaing	58,589	166,738	225,327	46,999	133,754	180,753
		28 M11 Thazi	26,457	162,930	189,387	27,511	169,419	196,930
29 M12 Wundwin		34,470	233,340	267,810	28,151	190,561	218,712	
Total	214,512	769,298	983,810	207,080	720,486	927,566		
Nyaung- U	30 M13 Nyaung-U	26,788	221,018	247,806	27,141	223,931	251,072	
	Total	26,788	221,018	247,806	27,141	223,931	251,072	
Total	493,152	2,443,033	2,936,185	491,155	2,390,544	2,881,699		
Magway	Pakokku	31 G1 Pakokku	88,167	198,293	286,460	89,815	201,996	291,811
		32 G2 Pauk	18,193	169,891	188,084	18,972	177,171	196,143
		33 G3 Myaing	7,036	250,223	257,259	7,199	256,037	263,236
		34 G4 Yesagyio	43,382	180,187	223,569	44,259	183,831	228,090
		35 G5 Seikphyu	21,656	122,788	144,444	17,849	101,209	119,058
	Total	178,434	921,382	1,099,816	178,094	920,244	1,098,338	
	Magway	36 G6 Magway	47,899	250,631	298,530	75,964	254,196	330,160
		37 G7 Chauk	61,019	175,128	236,147	62,099	178,227	240,326
		38 G8 Yenangyaung	25,356	131,746	157,102	25,765	133,873	159,638
		39 G9 Natmauk	14,288	206,865	221,153	14,442	209,098	223,540
		40 G10 Myothit	8,173	147,863	156,036	8,388	151,762	160,150
		41 G11 Taungdwingyi	47,306	212,372	259,678	47,402	212,805	260,207
	Total	204,041	1,124,605	1,328,646	234,060	1,139,961	1,374,021	
	Minbu	42 G12 Minbu	25,179	142,723	167,902	24,900	141,141	166,041
		43 G13 Pwintbyu	6,185	148,913	155,098	6,410	154,337	160,747
44 G14 Salin		12,111	223,051	235,162	12,307	226,676	238,983	
45 G15 Ngaphe		4,076	36,723	40,799	4,164	37,517	41,681	
Total		47,551	551,410	598,961	47,781	559,671	607,452	
Thayet	46 G16 Thayet	22,454	84,350	106,804	45,952	172,621	218,573	
	47 G17 Mindon	9,524	49,899	59,423	9,524	49,899	59,423	
	48 G18 Minhla	15,273	86,624	101,897	15,273	86,624	101,897	
	49 G19 Aunglan	56,447	171,901	228,348	58,450	178,000	236,450	
	50 G20 Sinbaungwe	6,342	108,525	114,867	6,485	110,962	117,447	
	51 G21 Kamma	5,859	67,073	72,932	6,093	69,079	75,172	
Total	115,899	568,372	684,271	141,777	667,185	808,962		
Total	545,925	3,165,769	3,711,694	601,712	3,287,061	3,888,773		
Total			1,508,626	8,342,509	9,851,135	1,548,421	8,293,199	9,841,620

Source:Health Management Information System (HMS)

Table-3
Population (Urban and Rural 2000 – 2004)

Division	District	Township	Population Years: (2004)		
			Urban	Rural	Total
Sagaing	Sagaing	1 S1 Sagaing	51,556	318,675	370,231
		2 S2 Myinmu	13,483	140,879	154,362
		3 S3 Myaung	15,525	155,650	171,175
		Total	80,564	615,204	695,768
	Monywa	4 S4 Monywa	34,730	349,681	384,411
		5 S5 Chaung -U	20,942	109,971	130,913
		6 S6 Ayadaw	33,407	194,072	227,479
		7 S7 Budalin	7,120	170,619	177,739
		8 S8 Salingyi	12,240	154,604	166,844
		9 S9 Yinmabin	75,560	86,815	162,375
	Total	240,375	1,180,230	1,420,605	
	Shwebo	11 S11 Shwebo	42,077	284,758	326,835
		12 S12 Taze	60,854	141,985	202,839
		13 S13 Wetlet	37,947	233,227	271,174
		14 S14 Khin- U	33,492	149,034	182,526
		15 S15 Ye- U	29,606	130,896	160,502
		16 S16 Tabayin	6,476	165,365	171,841
17 S17 Kanbalu		14,171	275,971	290,142	
Total	224,623	1,381,236	1,605,859		
Total	545,562	3,176,670	3,722,232		
Mandalay	Kyaukse	18 M1 Kyaukse	43,076	195,847	238,923
		19 M2 Myittha	56,306	160,238	216,544
		20 M3 Tada- U	16,107	184,600	200,707
		Total	115,489	540,685	656,174
	Myingyan	21 M4 Myingyan	119,014	298,527	417,541
		22 M5 Taungtha	22,288	312,192	334,480
		23 M6 Natogyi	19,245	253,691	272,936
		24 M7 Kyaukpadaung	48,227	329,514	377,741
		25 M8 Ngazun	14,973	207,283	222,256
	Total	223,747	1,401,207	1,624,954	
	Meikhtila	26 M9 Meikhtila	141,579	307,447	449,026
		27 M10 Mahlaing	62,478	177,805	240,283
		28 M11 Thazi	33,112	203,911	237,023
29 M12 Wundwin		36,880	249,650	286,530	
Total	274,049	938,813	1,212,862		
Nyaung- U	30 M13 Nyaung-U	35,261	290,928	326,189	
	Total	35,261	290,928	326,189	
Total	648,546	3,171,633	3,820,179		
Magway	Pakokku	31 G1 Pakokku	124,031	278,950	402,981
		32 G2 Pauk	19,364	180,832	200,196
		33 G3 Myaing	8,972	319,070	328,042
		34 G4 Yesagyio	64,201	266,657	330,858
		35 G5 Seikphyu	18,132	102,812	120,944
		Total	234,700	1,148,321	1,383,021
	Magway	36 G6 Magway	83,013	277,784	360,797
		37 G7 Chauk	76,175	218,629	294,804
		38 G8 Yenangyaung	37,913	196,995	234,908
		39 G9 Natmauk	18,869	273,191	292,060
		40 G10 Myothit	10,155	183,713	193,868
		41 G11 Taungdwingyi	54,899	246,461	301,360
	Total	281,024	1,396,773	1,677,797	
	Minbu	42 G12 Minbu	31,917	180,911	212,828
		43 G13 Pwintbyu	8,257	198,797	207,054
		44 G14 Salin	15,430	284,188	299,618
		45 G15 Ngaphe	5,177	46,650	51,827
		Total	60,781	710,546	771,327
	Thayet	46 G16 Thayet	30,536	114,710	145,246
		47 G17 Mindon	13,529	70,878	84,407
		48 G18 Minhla	21,766	123,449	145,215
49 G19 Aunglan		67,210	204,680	271,890	
50 G20 Sinbaungwe		7,495	128,252	135,747	
51 G21 Kamma		8,497	96,339	104,836	
Total	149,033	738,308	887,341		
Total	725,538	3,993,948	4,719,486		
Total			1,919,646	10,342,251	12,261,897

Source:Health Management Information System (HMS)

Table-4
Population (Age Structure 2000 – 2004)

Unit: Number

Division	District	Township	Population Years: (2000)				Population Years: (2001)				
			0-14	15-49	50 and above	Total	0-14	15-49	50 and above	Total	
Sagaing	Sagaing	1 S1 Sagaing	138,663	142,684	64,091	345,438	138,659	142,680	64,091	345,430	
		2 S2 Myinmu	57,115	42,236	20,391	119,742	57,520	42,536	20,536	120,592	
		3 S3 Myaung	40,210	58,749	21,029	119,988	40,959	59,844	21,421	122,224	
			Total	235,988	243,669	105,511	585,168	237,138	245,060	106,048	588,246
	Monywa	4 S4 Monywa	110,509	135,006	97,474	342,989	98,135	119,889	86,559	304,583	
		5 S5 Chaung -U	33,821	50,076	16,389	100,286	34,668	51,332	16,800	102,800	
		6 S6 Ayadaw	55,322	80,446	28,873	164,641	56,944	82,805	29,720	169,469	
		7 S7 Budalin	56,667	75,402	37,917	169,986	44,367	59,035	29,687	133,089	
		8 S8 Salingyi	138,523	142,540	64,027	345,090	52,704	54,233	24,361	131,298	
		9 S9 Yinmabin	54,888	50,272	32,837	137,997	55,329	50,676	33,101	139,106	
		10 S10 Pale	53,326	45,147	50,676	149,149	54,730	46,336	52,011	153,077	
			Total	503,056	578,889	328,193	1,410,138	396,877	464,306	272,239	1,133,422
	Shwebo	11 S11 Shwebo	104,164	125,376	81,686	311,226	83,354	100,328	65,367	249,049	
		12 S12 Taze	56,987	73,047	31,072	161,106	56,987	73,047	31,072	161,106	
		13 S13 Wetlet	99,510	118,556	40,719	258,785	101,361	120,761	41,476	263,598	
		14 S14 Khin- U	60,784	75,639	37,826	174,249	61,928	77,061	38,537	177,526	
		15 S15 Ye- U	52,638	44,371	30,791	127,800	50,512	42,579	29,548	122,639	
16 S16 Tabayin		55,239	55,731	43,039	154,009	49,423	49,863	38,508	137,794		
17 S17 Kanbalu		87,897	121,855	46,009	255,761	89,449	124,007	46,821	260,277		
		Total	517,219	614,575	311,142	1,442,936	493,014	587,646	291,329	1,371,989	
		Total	1,256,263	1,437,133	744,846	3,438,242	1,127,029	1,297,012	669,616	3,093,657	
Mandalay	Kyaukse	18 M1 Kyaukse	58,337	91,925	26,518	176,780	72,803	84,402	20,062	177,267	
		19 M2 Myittha	60,286	78,442	27,365	166,093	66,381	84,337	31,231	181,949	
		20 M3 Tada- U	44,417	58,640	28,916	131,973	44,416	58,640	28,917	131,973	
			Total	163,040	229,007	82,799	474,846	183,600	227,379	80,210	491,189
	Myingyan	21 M4 Myingyan	134,383	170,848	66,590	371,821	136,910	174,060	67,841	378,811	
		22 M5 Taungtha	79,159	106,508	45,533	231,200	80,618	108,476	46,377	235,471	
		23 M6 Natogyi	65,826	103,726	29,922	199,474	82,886	82,887	37,291	203,064	
		24 M7 Kyaukpadaung	101,005	117,672	51,059	269,736	101,821	118,789	53,018	273,628	
		25 M8 Ngazun	55,460	66,496	44,321	166,277	46,458	72,730	50,080	169,268	
			Total	435,833	565,250	237,425	1,238,508	448,693	556,942	254,607	1,260,242
	Meikhtila	26 M9 Meikhtila	97,811	154,127	44,461	296,399	92,774	102,434	101,191	296,399	
		27 M10 Mahlaing	69,303	100,060	46,790	216,153	129,712	41,854	49,126	220,692	
		28 M11 Thazi	73,602	76,610	36,557	186,769	72,655	74,946	35,512	183,113	
			Total	308,427	437,493	158,587	904,507	386,918	278,255	245,121	910,294
Nyaung- U	30 M13 Nyaung-U	83,473	115,927	42,813	242,213	83,360	115,800	45,450	244,610		
		Total	83,473	115,927	42,813	242,213	83,360	115,800	45,450	244,610	
		Total	990,773	1,347,677	521,624	2,860,074	1,102,571	1,178,376	625,388	2,906,335	
Magway	Pakokku	31 G1 Pakokku	95,435	115,569	61,613	272,617	100,868	114,905	63,729	279,502	
		32 G2 Pauk	72,329	49,676	36,914	158,919	61,282	61,845	37,129	160,256	
		33 G3 Myaing	96,672	105,645	49,405	251,722	100,701	104,853	51,705	257,259	
		34 G4 Yesagy	75,472	105,616	38,860	219,948	62,315	62,546	31,175	156,036	
		35 G5 Seikphyu	41,490	41,856	22,186	105,532	41,572	44,134	20,503	106,209	
			Total	381,398	418,362	208,978	1,008,738	366,738	388,283	204,241	959,262
	Magway	36 G6 Magway	118,776	141,941	58,011	318,728	116,804	138,668	52,347	307,819	
		37 G7 Chauk	85,387	94,024	47,016	226,427	86,589	96,053	49,353	231,995	
		38 G8 Yenangyaung	50,296	78,915	22,548	151,759	75,278	108,131	40,160	223,569	
		39 G9 Natmauk	81,067	100,540	38,075	219,682	81,110	100,826	39,217	221,153	
		40 G10 Myothit	58,203	66,084	26,941	151,228	100,701	104,853	51,705	257,259	
		41 G11 Taungdwingyi	97,442	113,832	38,939	250,213	102,969	116,857	39,852	259,678	
			Total	491,171	595,336	231,530	1,318,037	563,451	665,388	272,634	1,501,473
	Minbu	42 G12 Minbu	58,183	71,096	31,866	161,145	14,788	32,262	12,228	59,278	
		43 G13 Pwintbyu	52,569	67,218	30,040	149,827	56,323	66,998	31,777	155,098	
		44 G14 Salin	84,638	102,160	42,021	228,819	79,554	111,957	39,296	230,807	
		45 G15 Ngaphe	12,734	21,004	5,351	39,089	12,801	21,526	5,586	39,913	
			Total	208,124	261,478	109,278	578,880	163,466	232,743	88,887	485,096
	Thayet	46 G16 Thayet	38,788	53,780	10,857	103,425	33,729	53,096	18,814	105,639	
47 G17 Mindon		14,892	32,059	11,988	58,939	86,677	90,878	50,793	228,348		
48 G18 Minhla		31,575	51,747	16,421	99,743	33,481	52,443	16,713	102,637		
49 G19 Aunglan		87,110	85,737	51,310	224,157	84,158	-	130,872	215,030		
50 G20 Sinbaungwe		39,481	49,519	19,008	108,008	38,969	50,893	22,956	112,818		
51 G21 Kamma	27,304	24,630	19,682	71,616	25,851	26,766	19,698	72,315			
		Total	239,150	297,472	129,266	665,888	302,865	274,076	259,846	836,787	
		Total	1,319,843	1,572,648	679,052	3,571,543	1,396,520	1,560,490	825,608	3,782,618	
Total			3,566,879	4,357,458	1,945,522	9,869,859	3,626,120	4,035,878	2,120,612	9,782,610	

Source: Health Management Information System (HMIS) & Township profiles, TPDC. Survey

Table-4
Population (Age Structure 2000 – 2004)

Unit: Number

Division	District	Township	Population Years: (2002)				Population Years: (2003)			
			0-14	15-49	50 and above	Total	0-14	15-49	50 and above	Total
Sagaing	Sagaing	1 S1 Sagaing	140,396	144,467	64,892	349,755	81,558	140,362	47,838	269,758
		2 S2 Myinmu	62,909	61,020	28,637	152,566	46,840	55,202	20,710	122,752
		3 S3 Myaung	36,655	53,555	19,169	109,379	37,922	60,401	22,924	121,247
		Total	239,960	259,042	112,698	611,700	166,320	255,965	91,472	513,757
	Monywa	4 S4 Monywa	121,359	148,261	107,044	376,664	105,800	156,440	53,862	316,102
		5 S5 Chaung -U	36,592	52,466	16,647	105,705	37,353	53,556	16,993	107,902
		6 S6 Ayadaw	58,548	82,850	29,035	170,433	64,260	78,401	29,453	172,114
		7 S7 Budalin	44,556	59,286	29,813	133,655	45,511	67,059	23,599	136,169
		8 S8 Salingyi	49,822	49,631	21,673	121,126	41,942	61,982	22,440	126,364
		9 S9 Yinmabin	58,114	53,470	28,108	139,692	61,549	57,116	23,199	141,864
		10 S10 Pale	54,311	45,981	51,612	151,904	56,212	65,646	31,722	153,580
	Total	423,302	491,945	283,932	1,199,179	412,627	540,200	201,268	1,154,095	
	Shwebo	11 S11 Shwebo	82,323	99,087	64,557	245,967	101,040	103,586	44,601	249,227
		12 S12 Taze	58,313	74,746	31,795	164,854	58,874	76,490	31,419	166,783
		13 S13 Wetlet	101,493	118,963	40,151	260,607	93,482	134,091	51,612	279,185
		14 S14 Khin- U	63,092	78,510	39,261	180,863	69,879	69,325	28,583	167,787
		15 S15 Ye- U	51,009	42,998	29,838	123,845	50,357	46,953	28,134	125,444
16 S16 Tabayin		54,493	54,977	42,457	151,927	50,242	71,792	23,787	145,821	
17 S17 Kanbalu		90,836	125,930	47,548	264,314	92,471	128,196	48,404	269,071	
Total	501,559	595,211	295,607	1,392,377	516,345	630,433	256,540	1,403,318		
Total	1,164,821	1,346,198	692,237	3,203,256	1,095,292	1,426,598	549,280	3,071,170		
Mandalay	Kyaukse	18 M1 Kyaukse	70,395	94,195	22,874	187,464	80,401	116,377	26,443	223,221
		19 M2 Myittha	71,655	94,190	36,467	202,312	71,655	94,190	36,467	202,312
		20 M3 Tada- U	44,990	59,398	29,291	133,679	45,633	60,245	29,708	135,586
		Total	187,040	247,783	88,632	523,455	197,689	270,812	92,618	561,119
	Myingyan	21 M4 Myingyan	85,097	128,123	53,045	266,265	86,717	130,562	54,055	271,334
		22 M5 Taungtha	124,868	113,022	43,885	281,775	81,955	115,369	43,464	240,788
		23 M6 Natogyi	83,806	79,452	52,130	215,388	67,897	102,019	42,261	212,177
		24 M7 Kyaukpadaung	102,191	120,948	54,181	277,320	94,646	130,707	51,927	277,280
		25 M8 Ngazun	49,830	62,222	28,311	140,363	49,830	62,222	28,311	140,363
	Total	445,792	503,767	231,552	1,181,111	381,045	540,879	220,018	1,141,942	
	Meikhtila	26 M9 Meikhtila	108,824	91,673	100,789	301,286	119,556	127,713	83,902	331,171
		27 M10 Mahlaing	72,105	153,222	-	225,327	68,326	72,503	39,924	180,753
		28 M11 Thazi	64,175	85,752	39,460	189,387	74,843	80,967	41,120	196,930
		29 M12 Wundwin	72,863	151,740	43,207	267,810	76,529	94,154	48,029	218,712
Total	317,967	482,387	183,456	983,810	339,254	375,337	212,975	927,566		
Nyaung- U	30 M13 Nyaung-U	82,950	119,464	45,392	247,806	83,803	119,551	47,718	251,072	
Total	82,950	119,464	45,392	247,806	83,803	119,551	47,718	251,072		
Total	1,033,749	1,353,401	549,032	2,936,182	1,001,791	1,306,579	573,329	2,881,699		
Magway	Pakokku	31 G1 Pakokku	103,115	119,203	64,142	286,460	105,753	121,044	65,014	291,811
		32 G2 Pauk	71,923	72,584	43,577	188,084	75,995	71,602	48,546	196,143
		33 G3 Myaing	100,701	104,853	51,705	257,259	103,351	103,616	56,269	263,236
		34 G4 Yesagy	75,278	108,131	40,160	223,569	77,285	111,087	39,718	228,090
		35 G5 Seikphyu	45,169	78,377	20,898	144,444	49,258	47,069	22,731	119,058
	Total	396,186	483,148	220,482	1,099,816	411,642	454,418	232,278	1,098,338	
	Magway	36 G6 Magway	112,810	154,173	58,547	325,530	118,866	154,183	57,111	330,160
		37 G7 Chauk	88,139	97,772	50,236	236,147	90,043	99,541	50,742	240,326
		38 G8 Yenangyaung	53,313	59,390	44,399	157,102	54,464	59,625	45,549	159,638
		39 G9 Natmauk	81,110	100,826	39,217	221,153	78,267	106,783	38,490	223,540
		40 G10 Myothit	62,315	62,546	31,175	156,036	65,878	64,448	29,824	160,150
		41 G11 Taungdwingyi	102,969	116,857	39,852	259,678	106,200	109,532	44,475	260,207
	Total	500,656	591,564	263,426	1,355,646	513,718	594,112	266,191	1,374,021	
	Minbu	42 G12 Minbu	62,777	72,710	32,415	167,902	60,995	77,833	27,213	166,041
		43 G13 Pwintbyu	56,323	66,998	31,777	155,098	57,436	71,846	31,465	160,747
		44 G14 Salin	81,730	115,350	38,082	235,162	85,570	114,034	39,379	238,983
		45 G15 Ngaphe	13,085	22,004	5,710	40,799	13,293	22,702	5,686	41,681
		Total	213,915	277,062	107,984	598,961	217,294	286,415	103,743	607,452
	Thayet	46 G16 Thayet	34,101	53,682	19,021	106,804	70,790	108,581	39,202	218,573
		47 G17 Mindon	14,788	32,262	12,373	59,423	14,788	32,262	12,373	59,423
		48 G18 Minhla	31,535	54,295	16,067	101,897	31,535	54,295	16,067	101,897
49 G19 Aunglan		86,677	90,878	50,793	228,348	87,571	95,484	53,395	236,450	
50 G20 Sinbaungwe		39,926	53,253	21,688	114,867	41,847	53,203	22,397	117,447	
51 G21 Kamma		26,092	27,015	19,882	72,989	25,683	30,186	19,303	75,172	
Total	233,119	311,385	139,824	684,328	272,214	374,011	162,737	808,962		
Total	1,343,876	1,663,159	731,716	3,738,751	1,414,868	1,708,956	764,949	3,888,773		
Total	3,542,446	4,362,758	1,972,985	9,878,189	3,511,951	4,442,133	1,887,558	9,841,642		

Source: Health Management Information System (HMIS) & Township profiles, TPDC. Survey

Table-4
Population (Age Structure 2000 – 2004)

Unit: Number

Division	District	Township	Population Years: (2004)			
			0-14	15-49	50 and above	Total
Sagaing	Sagaing	1 S1 Sagaing	125,964	189,309	54,958	370,231
		2 S2 Myinmu	52,508	78,925	22,929	154,362
		3 S3 Myaung	58,222	87,520	25,433	171,175
		Total	236,694	355,754	103,320	695,768
	Monywa	4 S4 Monywa	130,800	196,563	57,048	384,411
		5 S5 Chaung -U	44,531	66,936	19,446	130,913
		6 S6 Ayadaw	77,371	116,307	33,801	227,479
		7 S7 Budalin	60,434	90,869	26,436	177,739
		8 S8 Salingyi	56,758	85,309	24,777	166,844
		9 S9 Yinmabin	55,244	83,026	24,105	162,375
		10 S10 Pale	58,131	87,358	25,355	170,844
	Total	483,269	726,368	210,968	1,420,605	
	Shwebo	11 S11 Shwebo	111,190	167,116	48,529	326,835
		12 S12 Taze	68,981	103,706	30,152	202,839
		13 S13 Wetlet	92,229	138,647	40,298	271,174
		14 S14 Khin- U	62,083	93,324	27,119	182,526
		15 S15 Ye- U	54,589	82,063	23,850	160,502
16 S16 Tabayin		58,446	87,860	25,535	171,841	
17 S17 Kanbalu		98,718	148,358	43,066	290,142	
Total		546,236	821,074	238,549	1,605,859	
Total	1,266,199	1,903,196	552,837	3,722,232		
Mandalay	Kyaukse	18 M1 Kyaukse	81,419	121,140	36,364	238,923
		19 M2 Myittha	73,803	109,800	32,941	216,544
		20 M3 Tada- U	68,372	101,751	30,584	200,707
		Total	223,594	332,691	99,889	656,174
	Myingyan	21 M4 Myingyan	142,242	211,678	63,621	417,541
		22 M5 Taungtha	113,930	169,559	50,991	334,480
		23 M6 Natogyi	61,533	91,505	119,898	272,936
		24 M7 Kyaukpadaung	128,674	191,496	57,571	377,741
		25 M8 Ngazun	75,717	112,677	33,862	222,256
	Total	522,096	776,915	325,943	1,624,954	
	Meikhtila	26 M9 Meikhtila	153,019	227,671	68,336	449,026
		27 M10 Mahlaing	81,849	121,810	36,624	240,283
		28 M11 Thazi	80,752	120,166	36,105	237,023
29 M12 Wundwin		97,615	145,263	43,652	286,530	
Total	413,235	614,910	184,717	1,212,862		
Nyaung- U	30 M13 Nyaung-U	111,126	165,369	49,694	326,189	
Total	111,126	165,369	49,694	326,189		
Total	1,270,051	1,889,885	660,243	3,820,179		
Magway	Pakokku	31 G1 Pakokku	135,688	203,937	63,356	402,981
		32 G2 Pauk	67,422	101,321	31,453	200,196
		33 G3 Myaing	110,426	165,997	51,619	328,042
		34 G4 Yesagyoo	111,378	167,424	52,056	330,858
		35 G5 Seikphyu	40,723	61,206	19,015	120,944
	Total	465,637	699,885	217,499	1,383,021	
	Magway	36 G6 Magway	121,538	182,619	56,640	360,797
		37 G7 Chauk	99,295	149,209	46,300	294,804
		38 G8 Yenangyaung	79,091	118,878	36,939	234,908
		39 G9 Natmauk	98,326	147,796	45,938	292,060
		40 G10 Myothit	65,278	98,111	30,479	193,868
		41 G11 Taungdwingyi	101,485	152,517	47,358	301,360
	Total	565,013	849,130	263,654	1,677,797	
	Minbu	42 G12 Minbu	71,715	107,735	33,378	212,828
		43 G13 Pwintbyu	69,730	104,791	32,533	207,054
		44 G14 Salin	10,089	151,630	137,899	299,618
		45 G15 Ngaphe	17,457	26,231	8,139	51,827
		Total	168,991	390,387	211,949	771,327
	Thayet	46 G16 Thayet	48,926	73,516	22,804	145,246
		47 G17 Mindon	28,428	42,720	13,259	84,407
		48 G18 Minhla	48,936	73,511	22,768	145,215
49 G19 Aunglan		91,596	137,622	42,672	271,890	
50 G20 Sinbaungwe		45,725	68,707	21,315	135,747	
51 G21 Kamma		35,307	53,058	16,471	104,836	
Total	298,918	449,134	139,289	887,341		
Total	1,498,559	2,388,536	832,391	4,719,486		
Total			4,034,809	6,181,617	2,045,471	12,261,897

Source: Health Management Information System (HMIS) & Township profiles, TPDC. Survey

Table-5
Distribution of Population by Agriculture and
Non-Agriculture (2003)

Division	District	Township	Agricultural Population	Total Population	Agricultural Population Ration (%)
Sagaing	Sagaing	1 S1 Sagaing	178,025	370,231	48
		2 S2 Myinmu	72,994	154,362	47
		3 S3 Myaung	59,752	171,175	35
			310,771	695,768	
	Monywa	4 S4 Monywa	141,480	384,411	37
		5 S5 Chaung-U	57,420	130,913	44
		6 S6 Ayadaw	115,160	227,479	51
		7 S7 Budalin	97,533	177,739	55
		8 S8 Salingyi	76,789	166,844	46
		9 S9 Yinmabin	97,172	162,375	60
		10 S10 Pale	56,400	170,844	33
			641,954	1,420,605	
	Shwebo	11 S11 Shwebo	95,894	326,835	29
		12 S12 Taze	95,227	202,839	47
		13 S13 Wetlet	116,558	271,174	43
		14 S14 Khin-U	82,245	182,526	45
		15 S15 Ye-U	65,454	160,502	41
16 S16 Tabayin		82,096	171,841	48	
17 S17 Kanbalu		123,245	290,142	42	
		660,719	1,605,859		
		1,613,444	3,722,232		
Mandalay	Kyaukse	18 M1 Kyaukse	180,605	238,923	76
		19 M2 Myitha	35,551	216,544	16
		20 M3 Tada-U	137,991	200,707	69
			354,147	656,174	
	Myingyan	21 M4 Myingyan	166,948	417,541	40
		22 M5 Taungtha	181,893	334,480	54
		23 M6 Natogyi	153,855	272,936	56
		24 M7 Kyaukpadaung	167,920	377,741	44
		25 M8 Ngazun	78,250	222,256	35
			748,866	1,624,954	
	Meikhtila	26 M9 Meikhtila	239,182	449,026	53
		27 M10 Mahlaing	146,572	240,283	61
		28 M11 Thazi	84,591	237,023	36
29 M12 Wundwin		135,176	286,530	47	
		605,521	1,212,862		
Nyaung-U	30 M13 Nyaung-U	83,847	326,189	26	
		83,847	326,189		
		1,792,381	3,820,179		
Magway	Pakokku	31 G1 Pakokku	173,536	402,981	43
		32 G2 Pauk	181,378	200,196	91
		33 G3 Myaing	310,686	328,042	95
		34 G4 Yesogyo	211,762	330,858	64
		35 G5 Seikphyu	104,512	120,944	86
			981,874	1,383,021	
	Magway	36 G6 Magway	178,279	360,797	49
		37 G7 Chauk	149,478	294,804	51
		38 G8 Yenangyaung	139,500	234,908	59
		39 G9 Natmauk	248,345	292,060	85
		40 G10 Myothit	175,337	193,868	90
		41 G11 Taungdwingyi	223,280	301,360	74
			1,114,220	1,677,797	
	Minbu	42 G12 Minbu	121,925	212,828	57
		43 G13 Pwintbyu	192,347	207,054	93
44 G14 Salin		269,959	299,618	90	
45 G15 Ngaphe		43,226	51,827	83	
		627,457	771,327		
Thayet	46 G16 Thayet	77,426	145,246	53	
	47 G17 Mindon	72,584	84,407	86	
	48 G18 Minhla	118,651	145,215	82	
	49 G19 Aunglan	168,404	271,890	62	
	50 G20 Sinbaungwe	115,774	135,747	85	
	51 G21 Kamma	87,744	104,836	84	
		640,582	887,341		
		3,364,133	4,719,486		
Total			6,769,958	12,261,897	

Source:MAS

Table-6
Number of Household by Type (2005)

Unit: Number

Division	District	Township	Number of Household by Type (2005)				
			Farm Households	Landless		Others	Total
				Non-Farm	Casual Labor		
Sagaing	Sagaing	1 S1 Sagaing	35,605	1,021	3,095	10,572	50,293
		2 S2 Myinmu	18,443	782	1,550	1,177	21,952
		3 S3 Myaung	12,438	2,438	3,588	1,244	19,708
		Total	66,486	4,241	8,233	12,993	91,953
	Monywa	4 S4 Monywa	15,936	12,920	15,092	17,021	60,969
		5 S5 Chaung -U	15,432	8,643	4,500	3,520	32,095
		6 S6 Ayadaw	25,085	378	544	420	26,427
		7 S7 Budalin	28,513	1,584	950	635	31,682
		8 S8 Salingyi	9,434	2,624	5,855	3,210	21,123
		9 S9 Yinmabin	20,095	500	2,601	500	23,696
		10 S10 Pale	17,662	3,023	2,354	510	23,549
	Total	132,157	29,672	31,896	25,816	219,541	
	Shwebo	11 S11 Shwebo	39,297	3,124	6,209	4,391	53,021
		12 S12 Taze	23,403	7,229	2,806	1,649	35,087
		13 S13 Wetlet	32,917	4,676	4,568	1,989	44,150
		14 S14 Khin- U	11,315	6,720	3,240	5,837	27,112
		15 S15 Ye- U	18,608	4,652	1,667	1,822	26,749
16 S16 Tabayin		18,026	2,803	3,505	216	24,550	
17 S17 Kanbalu		33,501	4,506	3,044	1,368	42,419	
Total	177,067	33,710	25,039	17,272	253,088		
Total		375,710	67,623	65,168	56,081	564,582	
Mandalay	Kyaukse	18 M1 Kyaukse	19,127	11,656	11,195	5,806	47,784
		19 M2 Myittha	17,329	1,914	5,338	18,728	43,309
		20 M3 Tada- U	17,249	985	364	6,875	25,473
		Total	53,705	14,555	16,897	31,409	116,566
	Myingyan	21 M4 Myingyan	32,607	16,677	-	32,271	81,555
		22 M5 Taungtha	31,270	3,500	2,480	28,193	65,443
		23 M6 Natogyi	30,771	22,540	-	-	53,311
		24 M7 Kyaukpadaung	33,995	7,680	9,195	-	50,870
		25 M8 Ngazun	30,423	3,956	7,162	1,921	43,462
	Total	159,066	54,353	18,837	62,385	294,641	
	Meikhtila	26 M9 Meikhtila	26,429	23,179	-	-	49,608
		27 M10 Mahlaing	18,715	1,449	10,392	-	30,556
		28 M11 Thazi	29,829	8,105	1,532	-	39,466
29 M12 Wundwin		31,294	8,267	2,202	247	42,010	
Total	106,267	41,000	14,126	247	161,640		
Nyaung- U	30 M13 Nyaung-U	25,713	829	68	7,387	33,997	
Total	25,713	829	68	7,387	33,997		
Total		344,751	110,737	49,928	101,428	606,844	
Magway	Pakokku	31 G1 Pakokku	12,679	17,979	14,517	17,979	63,154
		32 G2 Pauk	12,305	1,190	10,635	1,190	25,320
		33 G3 Myaing	34,063	1,073	4,351	1,073	40,560
		34 G4 Yesagyo	15,301	9,515	18,536	9,515	52,867
		35 G5 Seikphyu	12,973	1,093	931	1,093	16,090
	Total	87,321	30,850	48,970	30,850	197,991	
	Magway	36 G6 Magway	20,172	16,147	11,372	16,147	63,838
		37 G7 Chauk	13,395	8,994	5,107	8,994	36,490
		38 G8 Yenangyaung	9,324	13,050	9,757	-	32,131
		39 G9 Natmauk	24,526	2,568	4,652	2,568	34,314
		40 G10 Myothit	20,849	1,231	2,446	1,231	25,757
		41 G11 Taungdwingyi	32,886	9,507	-	1,993	44,386
	Total	121,152	51,497	33,334	30,933	236,916	
	Minbu	42 G12 Minbu	12,789	6,369	4,296	6,369	29,823
		43 G13 Pwintbyu	10,157	1,033	16,863	1,033	29,086
		44 G14 Salin	27,324	1,895	7,173	1,895	38,287
		45 G15 Ngaphe	4,128	657	2,476	657	7,918
		Total	54,398	9,954	30,808	9,954	105,114
	Thayet	46 G16 Thayet	9,995	4,879	1,145	4,879	20,898
47 G17 Mindon		10,517	984	1,565	984	14,050	
48 G18 Minhla		16,010	2,001	1,865	2,001	21,877	
49 G19 Aunglan		21,521	7,227	2,000	7,227	37,975	
50 G20 Sinbaungwe		11,909	1,438	4,762	1,438	19,547	
51 G21 Kamma		9,688	1,232	2,961	1,232	15,113	
Total	79,640	17,761	14,298	17,761	129,460		
Total		342,511	110,062	127,410	89,498	669,481	
Total		1,062,972	288,422	242,506	247,007	1,840,907	

Source:DPDC Office Report(2005)

Table-7
Number of Farm Household and its Farm Size
Distribution (2005)

Division	District	Township	Number of Households: (2005)				
			less than 5 ac	5 - 10 ac	10 - 20 ac	above 20 ac	Total
Sagaing	Sagaing	1 S1 Sagaing	18,983	10,623	4,417	1,582	35,605
		2 S2 Myinmu	8,986	5,318	3,681	458	18,443
		3 S3 Myaung	7,463	3,996	919	60	12,438
		Total	35,432	19,937	9,017	2,100	66,486
	Monywa	4 S4 Monywa	8,390	5,139	1,367	1,040	15,936
		5 S5 Chaung-U	9,002	4,194	1,787	449	15,432
		6 S6 Ayadaw	5,565	9,016	7,941	2,563	25,085
		7 S7 Budalin	5,357	7,594	12,702	2,860	28,513
		8 S8 Salingyi	1,334	3,102	4,336	662	9,434
		9 S9 Yinmabin	2,594	14,435	2,736	330	20,095
		10 S10 Pale	3,120	9,850	3,412	1,280	17,662
	Total	35,362	53,330	34,281	9,184	132,157	
	Shwebo	11 S11 Shwebo	18,985	15,737	3,887	688	39,297
		12 S12 Taze	9,867	11,187	1,895	454	23,403
		13 S13 Wetlet	6,703	17,613	6,952	1,649	32,917
		14 S14 Khin-U	6,287	2,822	1,415	791	11,315
		15 S15 Ye-U	4,302	6,490	6,280	1,536	18,608
16 S16 Tabayin		4,415	8,143	4,417	1,051	18,026	
17 S17 Kanbalu		21,556	5,950	4,945	1,050	33,501	
Total		72,115	67,942	29,791	7,219	177,067	
Total	142,909	141,209	73,089	18,503	375,710		
Mandalay	Kyaukse	18 M1 Kyaukse	9,910	6,647	1,694	280	18,531
		19 M2 Myittha	9,954	5,178	1,873	329	17,334
		20 M3 Tada-U	7,142	3,766	4,566	1,775	17,249
		Total	27,006	15,591	8,133	2,384	53,114
	Myingyan	21 M4 Myingyan	22,158	10,354	95	-	32,607
		22 M5 Taungtha	13,192	11,051	4,953	2,074	31,270
		23 M6 Natogyi	20,717	10,009	45	-	30,771
		24 M7 Kyaukpadaung	3,093	3,242	1,443	467	8,245
		25 M8 Ngazun	14,704	5,211	3,058	957	23,930
	Total	73,864	39,867	9,594	3,498	126,823	
	Meikhtila	26 M9 Meikhtila	9,219	13,757	3,220	323	26,519
		27 M10 Mahlaing	5,939	6,737	4,117	1,572	18,365
		28 M11 Thazi	18,124	9,955	1,590	160	29,829
29 M12 Wundwin		15,499	7,303	6,246	2,246	31,294	
Total	48,781	37,752	15,173	4,301	106,007		
Nyaung-U	30 M13 Nyaung-U	11,132	6,105	5,141	1,992	24,370	
	Total	11,132	6,105	5,141	1,992	24,370	
Total	160,783	99,315	38,041	12,175	310,314		
Magway	Pakokku	31 G1 Pakokku	8,507	594	2,625	953	12,679
		32 G2 Pauk	8,093	1,583	2,249	380	12,305
		33 G3 Myaing	20,849	5,505	5,918	1,791	34,063
		34 G4 Yesagyo	12,276	1,292	1,473	260	15,301
		35 G5 Seikphyu	8,525	2,587	1,592	269	12,973
	Total	58,250	11,561	13,857	3,653	87,321	
	Magway	36 G6 Magway	13,210	1,305	4,558	1,099	20,172
		37 G7 Chauk	7,956	812	3,496	1,131	13,395
		38 G8 Yenangyaung	6,183	570	2,109	462	9,324
		39 G9 Natmauk	10,931	5,743	6,327	1,525	24,526
		40 G10 Myothit	11,025	5,567	3,669	588	20,849
		41 G11 Taungdwingyi	21,554	8,450	2,749	133	32,886
	Total	70,859	22,447	22,908	4,938	121,152	
	Minbu	42 G12 Minbu	6,716	3,408	2,125	540	12,789
		43 G13 Pwintbyu	6,537	3,174	377	69	10,157
44 G14 Salin		22,046	4,883	349	46	27,324	
45 G15 Ngaphe		3,633	495	-	-	4,128	
Total	38,932	11,960	2,851	655	54,398		
Thayet	46 G16 Thayet	8,898	954	137	6	9,995	
	47 G17 Mindon	10,465	50	2	-	10,517	
	48 G18 Minhla	15,014	725	246	25	16,010	
	49 G19 Aunglan	15,438	4,501	1,460	122	21,521	
	50 G20 Sinbaungwe	8,053	1,573	1,953	330	11,909	
	51 G21 Kamma	9,688	-	-	-	9,688	
Total	67,556	7,803	3,798	483	79,640		
Total	235,597	53,771	43,414	9,729	342,511		
Total			539,289	294,295	154,544	40,407	1,028,535

Source: Health Management Information System (HMIS) & Township profiles, TPDC. Survey

Table-8
Gross Regional Domestic Product (GRDP) by
Sector

Unit: Million Kyats

Division	District	Township	GRDP Amount (Million Kyats) (2004)						
			Agriculture	Livestock	Manufacturing	Construction	Service	Others	Total
Sagaing	Sagaing	1 S1 Sagaing	15,085	1,483	4,000	160	2,143	7,535	30,407
		2 S2 Myinmu	12,090	780	827	126	532	1,575	15,931
		3 S3 Myaung	7,197	1,008	675	9	370	2,492	11,753
		Total	34,373	3,271	5,503	296	3,045	11,603	58,090
	Monywa	4 S4 Monywa	7,637	1,387	6,862	918	5,649	-	22,455
		5 S5 Chaung -U	8,678	1,117	1,725	51	364	3,926	15,861
		6 S6 Ayadaw	10,794	1,390	2,516	4,663	442	-	19,805
		7 S7 Budalin	14,876	666	2,140	143	349	5,550	23,724
		8 S8 Salingyi	468	299	1,334	202	98	-	2,400
		9 S9 Yinmabin	10,185	750	295	33	327	3,506	15,096
		10 S10 Pale	9,862	-	-	-	3,986	1,686	15,534
	Total	62,498	5,609	14,872	6,010	11,215	14,668	114,873	
	Shwebo	11 S11 Shwebo	13,073	1,219	7,042	185	2,193	10,917	34,628
		12 S12 Taze	12,525	826	1,136	20	257	4,185	18,950
		13 S13 Wetlet	19,395	1,311	6,252	31	405	4,932	32,325
		14 S14 Khin- U	16,205	966	4,811	40	365	-	22,386
		15 S15 Ye- U	10,198	528	4,134	32	440	-	15,332
16 S16 Tabayin		14,150	546	3,998	33	267	-	18,995	
17 S17 Kanbalu		23,519	1,845	7,722	49	492	5,976	39,602	
Total	109,065	7,240	35,094	390	4,420	26,009	182,218		
Total	205,936	16,120	55,469	6,696	18,680	52,280	355,181		
Mandalay	Kyaukse	18 M1 Kyaukse	13,678	1,021	22,077	18,141	4,833	9,046	68,796
		19 M2 Myittha	116,512	6,338	146,586	1,427	19,805	626	291,294
		20 M3 Tada- U	46,432	15,670	11,903	200	4,626	-	78,830
		Total	176,622	23,029	180,566	19,768	29,264	9,672	438,920
	Myingyan	21 M4 Myingyan	3,261	1,765	6,797	2,928	11,682	6,560	32,993
		22 M5 Taungtha	31,018	2,666	37,733	1,319	4,337	-	77,074
		23 M6 Natogyi	34,173	2,755	2,895	1,469	4,044	11,465	56,801
		24 M7 Kyaukpadaung	5,672	1,555	2,902	1,725	8,159	3,791	23,804
		25 M8 Ngazun	36,488	4,158	2,309	1,780	2,833	11,527	59,096
	Total	110,613	12,899	52,636	9,222	31,055	33,343	249,767	
	Meikhtila	26 M9 Meikhtila	19,685	3,524	15,741	5,254	12,271	-	56,473
		27 M10 Mahlaing	30,432	1,559	39,119	852	3,503	-	75,464
		28 M11 Thazi	32,970	3,640	12,717	2,549	4,806	6,561	63,243
29 M12 Wundwin		30,362	4,126	7,373	1,580	4,366	13,900	61,707	
Total	113,449	12,848	74,949	10,234	24,946	20,461	256,887		
Nyaung- U	30 M13 Nyaung-U	25,006	2,759	1,764	1,514	5,560	782	37,385	
Total	25,006	2,759	1,764	1,514	5,560	782	37,385		
Total	425,689	51,535	309,915	40,737	90,825	64,258	982,959		
Magway	Pakokku	31 G1 Pakokku	10,213	965	4,169	2,440	2,116	7,006	26,908
		32 G2 Pauk	9,164	750	1,129	117	333	3,018	14,511
		33 G3 Myaing	14,061	940	1,682	182	545	4,956	22,366
		34 G4 Yesagyo	14,505	936	2,593	103	775	6,195	25,108
		35 G5 Seikphyu	6,343	552	420	104	249	1,924	9,592
	Total	54,286	4,144	9,993	2,945	4,018	23,099	98,484	
	Magway	36 G6 Magway	18,763	1,541	2,656	1,451	2,315	8,236	34,961
		37 G7 Chauk	7,938	903	2,285	143	1,368	4,692	17,328
		38 G8 Yenangyaung	8,124	793	2,299	1,171	981	4,411	17,779
		39 G9 Natmauk	19,369	1,353	1,264	600	491	3,018	26,094
		40 G10 Myothit	145,084	4,341	152,966	361,533	3,479	903	668,306
		41 G11 Taungdwingyi	13,462	1,864	1,901	526	1,045	5,873	24,671
	Total	212,739	10,794	163,370	365,423	9,679	27,133	789,138	
	Minbu	42 G12 Minbu	15,383	1,196	2,275	186	1,625	5,500	26,164
		43 G13 Pwintbyu	14,667	782	1,419	1,140	533	5,361	23,902
		44 G14 Salin	19,007	1,511	1,716	201	730	6,893	30,058
		45 G15 Ngaphe	2,220	266	198	26	165	830	3,705
		Total	51,277	3,755	5,608	1,552	3,053	18,584	83,829
	Thayet	46 G16 Thayet	3,729	783	632	85	680	1,701	7,609
		47 G17 Mindon	2,586	736	442	69	147	1,264	5,244
48 G18 Minhla		427,630	956	6,021	121	310	4,237	439,274	
49 G19 Aunglan		13,416	1,421	5,998	472	1,289	7,579	30,174	
50 G20 Sinbaungwe		6,580	502	524	104	434	2,199	10,343	
51 G21 Kamma		4,585	720	508	196	203	1,772	7,984	
Total	458,526	5,117	14,124	1,046	3,062	18,752	500,627		
Total	776,828	23,810	193,095	370,967	19,813	87,567	1,472,079		
Total	Total	1,408,453	91,465	558,479	418,399	129,317	204,104	2,810,219	

Source: Planning Department(2004)

Table-8
Gross Regional Domestic Product (GRDP) by
Sector

Unit: Kyats

Division	District	Township	GRDP Per Capita (Kyats) (2004)						Total
			Agriculture	Livestock	Manufacturing	Construction	Service	Others	
Sagaing	Sagaing	1 S1 Sagaing	40,746	4,006	10,804	432	5,789	20,353	82,130
		2 S2 Myinmu	78,323	5,053	5,360	819	3,446	10,202	103,204
		3 S3 Myaung	42,047	5,889	3,945	55	2,162	14,561	68,658
		Total	49,403	4,702	7,909	425	4,377	16,676	83,491
	Monywa	4 S4 Monywa	19,867	3,609	17,852	2,389	14,696	-	58,413
		5 S5 Chaung -U	66,284	8,534	13,177	386	2,784	29,990	121,155
		6 S6 Ayadaw	47,448	6,112	11,061	20,498	1,942	-	87,061
		7 S7 Budalin	83,695	3,744	12,042	804	1,964	31,225	133,474
		8 S8 Salingyi	2,803	1,791	7,993	1,211	585	-	14,383
		9 S9 Yinmabin	62,725	4,619	1,816	206	2,011	21,592	92,968
	10 S10 Pale	57,725	-	-	-	23,331	9,869	90,925	
	Total	43,994	3,948	10,469	4,231	7,894	10,325	80,862	
	Shwebo	11 S11 Shwebo	39,999	3,730	21,545	565	6,710	33,401	105,950
		12 S12 Taze	61,750	4,071	5,601	99	1,269	20,634	93,423
		13 S13 Wetlet	71,521	4,833	23,056	114	1,494	18,186	119,204
		14 S14 Khin- U	88,780	5,291	26,356	218	1,999	-	122,644
		15 S15 Ye- U	63,540	3,287	25,757	199	2,740	-	95,524
16 S16 Tabayin		82,346	3,179	23,263	194	1,555	-	110,537	
17 S17 Kanbalu		81,060	6,358	26,615	169	1,697	20,595	136,493	
Total	67,917	4,508	21,854	243	2,752	16,196	113,471		
Total	55,326	4,331	14,902	1,799	5,018	14,045	95,421		
Mandalay	Kyaukse	18 M1 Kyaukse	57,248	4,273	92,402	75,928	20,228	37,860	287,940
		19 M2 Myittha	538,052	29,271	676,934	6,589	91,459	2,893	1,345,197
		20 M3 Tada- U	231,342	78,072	59,304	995	23,049	-	392,762
		Total	269,169	35,096	275,180	30,126	44,598	14,740	668,908
	Myingyan	21 M4 Myingyan	7,810	4,226	16,277	7,013	27,978	15,712	79,017
		22 M5 Taungtha	92,735	7,971	112,812	3,944	12,966	-	230,428
		23 M6 Natogyi	125,206	10,095	10,607	5,381	14,817	42,005	208,112
		24 M7 Kyaukpadaung	15,016	4,117	7,682	4,567	21,599	10,036	63,016
		25 M8 Ngazun	164,171	18,707	10,391	8,010	12,747	51,862	265,889
	Total	68,071	7,938	32,392	5,675	19,111	20,519	153,707	
	Meikhtila	26 M9 Meikhtila	43,839	7,847	35,055	11,700	27,327	-	125,768
		27 M10 Mahlaing	126,652	6,487	162,802	3,544	14,580	-	314,065
		28 M11 Thazi	139,099	15,358	53,653	10,755	20,276	27,682	266,822
29 M12 Wundwin		105,964	14,400	25,732	5,514	15,237	48,511	215,360	
Total	93,538	10,593	61,795	8,438	20,568	16,870	211,803		
Nyaung- U	30 M13 Nyaung-U	76,660	8,459	5,409	4,641	17,046	2,396	114,611	
Total	76,660	8,459	5,409	4,641	17,046	2,396	114,611		
Total	111,432	13,490	81,126	10,664	23,775	16,821	257,307		
Magway	Pakokku	31 G1 Pakokku	25,343	2,396	10,345	6,054	5,250	17,385	66,771
		32 G2 Pauk	45,776	3,745	5,640	583	1,665	15,075	72,485
		33 G3 Myaing	42,865	2,865	5,129	555	1,661	15,107	68,181
		34 G4 Yesagy	43,840	2,830	7,837	312	2,343	18,724	75,886
		35 G5 Seikphyu	52,447	4,565	3,469	856	2,060	15,911	79,307
	Total	39,252	2,996	7,225	2,129	2,905	16,702	71,209	
	Magway	36 G6 Magway	52,003	4,271	7,360	4,020	6,416	22,828	96,899
		37 G7 Chauk	26,925	3,062	7,752	484	4,641	15,915	58,778
		38 G8 Yenangyaung	34,585	3,374	9,785	4,985	4,177	18,777	75,683
		39 G9 Natmauk	66,318	4,631	4,327	2,053	1,682	10,333	89,344
		40 G10 Myothit	748,365	22,392	789,021	1,864,841	17,945	4,658	3,447,222
		41 G11 Taungdwingyi	44,669	6,186	6,308	1,746	3,467	19,488	81,865
	Total	126,797	6,433	97,372	217,799	5,769	16,172	470,342	
	Minbu	42 G12 Minbu	72,277	5,618	10,690	873	7,636	25,840	122,934
		43 G13 Pwintbyu	70,835	3,777	6,853	5,506	2,573	25,894	115,438
		44 G14 Salin	63,438	5,044	5,727	669	2,437	23,006	100,321
		45 G15 Ngaphe	42,835	5,134	3,815	506	3,188	16,017	71,494
		Total	66,478	4,868	7,270	2,013	3,959	24,093	108,682
	Thayet	46 G16 Thayet	25,672	5,389	4,351	587	4,680	11,709	52,388
		47 G17 Mindon	30,638	8,724	5,233	816	1,745	14,969	62,126
		48 G18 Minhla	2,944,806	6,580	41,461	833	2,131	29,179	3,024,990
49 G19 Aunglan		49,344	5,225	22,059	1,734	4,739	27,876	110,977	
50 G20 Sinbaungwe		48,475	3,696	3,860	765	3,198	16,198	76,192	
51 G21 Kamma		43,734	6,872	4,848	1,866	1,933	16,904	76,156	
Total	516,742	5,767	15,917	1,179	3,451	21,132	564,188		
Total	164,600	5,045	40,914	78,603	4,198	18,554	311,915		
Total			114,864	7,459	45,546	34,122	10,546	16,645	229,183

Source: Planning Department(2004)

Table-9
Wage by type of work and region (2005)

Unit: Kyats

Division	District	Township	Wage (kyats/day)		
			Farm Work	Non-Farm Work	Average
Sagaing	Sagaing	1 S1 Sagaing	800	1,000	900
		2 S2 Myinmu	1,500	800	1,150
		3 S3 Myaung	500	1,500	1,000
		Average	933	1,100	1,017
	Monywa	4 S4 Monywa	800	1,000	900
		5 S5 Chaung -U	800	1,000	900
		6 S6 Ayadaw	800	700	750
		7 S7 Budalin	1,500	800	1,150
		8 S8 Salingyi	1,000	1,000	1,000
		9 S9 Yinmabin	1,000	1,000	1,000
		10 S10 Pale	1,000	800	900
	Average	986	900	943	
	Shwebo	11 S11 Shwebo	800	1,100	950
		12 S12 Taze	700	1,000	850
		13 S13 Wetlet	700	700	700
		14 S14 Khin- U	1,000	1,200	1,100
		15 S15 Ye- U	1,000	1,500	1,250
16 S16 Tabayin		700	1,000	850	
17 S17 Kanbalu		700	1,200	950	
Average	800	1,100	950		
Average	900	1,018	959		
Mandalay	Kyaukse	18 M1 Kyaukse	1,000	1,200	1,100
		19 M2 Myittha	800	1,000	900
		20 M3 Tada- U	500	1,000	750
		Average	767	1,067	917
	Myingyan	21 M4 Myingyan	600	800	700
		22 M5 Taungtha	500	500	500
		23 M6 Natogyi	800	1,000	900
		24 M7 Kyaukpadaung	500	1,000	750
		25 M8 Ngazun	1,500	750	1,125
	Average	780	810	795	
	Meikhtila	26 M9 Meikhtila	500	800	650
		27 M10 Mahlaing	500	800	650
		28 M11 Thazi	1,000	1,100	1,050
29 M12 Wundwin		1,000	850	925	
Average	750	888	819		
Nyaung- U	30 M13 Nyaung-U	500	1,000	750	
Average	500	1,000	750		
Average	746	908	827		
Magway	Pakokku	31 G1 Pakokku	1,000	1,000	1,000
		32 G2 Pauk	800	800	800
		33 G3 Myaing	600	1,000	800
		34 G4 Yesagyoye	1,000	1,000	1,000
		35 G5 Seikphyu	600	600	600
	Average	800	880	840	
	Magway	36 G6 Magway	500	1,000	750
		37 G7 Chauk	700	850	775
		38 G8 Yenangyaung	500	1,000	750
		39 G9 Natmauk	800	1,200	1,000
		40 G10 Myothit	600	600	600
		41 G11 Taungdwingyi	1,000	1,000	1,000
	Average	683	942	813	
	Minbu	42 G12 Minbu	700	700	700
		43 G13 Pwintbyu	1,000	1,000	1,000
		44 G14 Salin	1,000	800	900
45 G15 Ngaphe		1,000	1,000	1,000	
Average		925	875	900	
Thayet	46 G16 Thayet	800	1,000	900	
	47 G17 Mindon	1,000	1,500	1,250	
	48 G18 Minhla	500	1,000	750	
	49 G19 Aunglan	1,000	1,500	1,250	
	50 G20 Sinbaungwe	500	700	600	
	51 G21 Kamma	1,000	1,000	1,000	
Average	800	1,117	958		
Average	790	964	877		
Study Area Average			816	968	892

Source: Personnel Interview

Table-10
Access to Safe-water

Unit: Number

Division	District	Township	Drinking Water Source 2005			
			Tubewell	Shallow Tubewell	Lake/Pond	The others (Remarks)
Sagaing	Sagaing	1 S1 Sagaing	n.a	n.a	n.a	n.a
		2 S2 Myinmu	n.a	n.a	n.a	n.a
		3 S3 Myaung	4	14	n.a	n.a
	Monywa	4 S4 Monywa	n.a	n.a	n.a	n.a
		5 S5 Chaung -U	n.a	n.a	n.a	n.a
		6 S6 Ayadaw	n.a	n.a	n.a	n.a
		7 S7 Budalin	3	n.a	n.a	n.a
		8 S8 Salingyi	33	1,799	90	3,128
		9 S9 Yinmabin	n.a	n.a	n.a	n.a
		10 S10 Pale	5	10	n.a	n.a
	Shwebo	11 S11 Shwebo	n.a	n.a	n.a	n.a
		12 S12 Taze	1	8	n.a	n.a
		13 S13 Wetlet	n.a	n.a	n.a	n.a
		14 S14 Khin- U	12	n.a	n.a	n.a
		15 S15 Ye- U	24	28	n.a	n.a
		16 S16 Tabayin	n.a	n.a	n.a	n.a
		17 S17 Kanbalu	205	4,126	169	n.a
Sagaing Average			36	998	130	3,128
Mandalay	Kyaukse	18 M1 Kyaukse	n.a	n.a	n.a	n.a
		19 M2 Myittha	451	5,506	3,325	6 Stream
		20 M3 Tada- U	204	2,537	1,778	n.a
	Myingyan	21 M4 Myingyan	147	18	n.a	n.a
		22 M5 Taungtha	122	1,882	1,465	n.a
		23 M6 Natogyi	17	n.a	n.a	n.a
		24 M7 Kyaukpadaung	6	n.a	n.a	n.a
		25 M8 Ngazun	78	34	n.a	n.a
	Meikhtila	26 M9 Meikhtila	1,062	1,768	1,130	n.a
		27 M10 Mahlaing	n.a	n.a	n.a	n.a
		28 M11 Thazi	n.a	n.a	n.a	n.a
		29 M12 Wundwin	77	5,215	96	n.a
	Nyaung- U	30 M13 Nyaung-U	n.a	n.a	n.a	50 Piped water supply
Mandalay Average			240	2,423	1,559	28
Magway	Pakokku	31 G1 Pakokku	10	2	n.a	n.a
		32 G2 Pauk	99	n.a	n.a	n.a
		33 G3 Myaing	15	n.a	15	855 Piped water supply
		34 G4 Yesagyoye	25	15	19	450 Piped water supply
		35 G5 Seikphyu	n.a	n.a	n.a	n.a
	Magway	36 G6 Magway	n.a	n.a	n.a	n.a
		37 G7 Chauk	383	146	239	n.a
		38 G8 Yenangyaung	n.a	n.a	n.a	n.a
		39 G9 Natmauk	255	651	230	n.a
		40 G10 Myothit	n.a	122	n.a	n.a
		41 G11 Taungdwingyi	n.a	n.a	n.a	n.a
	Minbu	42 G12 Minbu	20	115	9	n.a
		43 G13 Pwintbyu	n.a	n.a	n.a	n.a
		44 G14 Salin	n.a	n.a	n.a	n.a
		45 G15 Ngaphe	n.a	n.a	n.a	n.a
Thayet	46 G16 Thayet	n.a	n.a	n.a	n.a	
	47 G17 Mindon	n.a	n.a	n.a	n.a	
	48 G18 Minhla	n.a	n.a	n.a	n.a	
	49 G19 Aunglan	283	151	158	n.a	
	50 G20 Sinbaungwe	34	208	11	n.a	
	51 G21 Kamma	n.a	n.a	n.a	n.a	
Magway Average			125	176	97	653
Study Area Average			138	1,160	624	898

Source:Township Profile, Township Peace and Development Council

Table-11
Number of person on Literacy (above 15 years old)

Division	District	Township	Literacy rate %	
			Year 99-00	Year 05-06
Sagaing	Sagaing	1 S1 Sagaing	95.35	96.82
		2 S2 Myinmu	93.60	95.63
		3 S3 Myaung	97.59	98.36
	Monywa	4 S4 Monywa	94.90	96.52
		5 S5 Chaung -U	94.15	96.01
		6 S6 Ayadaw	90.63	93.61
		7 S7 Budalin	93.87	95.81
		8 S8 Salingyi	95.76	97.11
		9 S9 Yinmabin	95.36	96.84
		10 S10 Pale	90.80	93.72
	Shwebo	11 S11 Shwebo	95.42	96.87
		12 S12 Taze	96.64	97.71
		13 S13 Wetlet	92.96	95.19
		14 S14 Khin- U	95.58	96.98
		15 S15 Ye- U	96.13	97.36
		16 S16 Tabayin	95.38	96.85
		17 S17 Kanbalu	96.62	97.69
Sagaing Average			94.75	96.42
Mandalay	Kyaukse	18 M1 Kyaukse	94.65	98.70
		19 M2 Myittha	94.25	98.60
		20 M3 Tada- U	95.97	99.02
	Myingyan	21 M4 Myingyan	97.68	99.44
		22 M5 Taungtha	97.47	99.38
		23 M6 Natogyi	96.90	99.25
		24 M7 Kyaukpadaung	88.38	97.17
		25 M8 Ngazun	93.47	98.41
	Meikhtila	26 M9 Meikhtila	91.82	98.01
		27 M10 Mahlaing	94.07	98.56
		28 M11 Thazi	91.30	97.88
		29 M12 Wundwin	94.42	98.64
	Nyaung- U	30 M13 Nyaung-U	92.50	98.18
Mandalay Average			94.07	98.56
Magway	Pakokku	31 G1 Pakokku	94.66	96.26
		32 G2 Pauk	91.00	93.70
		33 G3 Myaing	91.99	94.39
		34 G4 Yesagyo	97.29	98.11
		35 G5 Seikphyu	93.58	95.50
	Magway	36 G6 Magway	90.39	93.27
		37 G7 Chauk	91.05	93.73
		38 G8 Yenangyaung	91.06	93.74
		39 G9 Natmauk	84.09	88.86
		40 G10 Myothit	92.09	94.46
		41 G11 Taungdwingyi	95.64	96.94
	Minbu	42 G12 Minbu	92.03	94.42
		43 G13 Pwintbyu	93.67	95.57
		44 G14 Salin	94.93	96.45
		45 G15 Ngaphe	87.99	91.59
Thayet	46 G16 Thayet	93.67	95.57	
	47 G17 Mindon	92.97	95.08	
	48 G18 Minhla	91.76	94.23	
	49 G19 Aunglan	93.18	95.22	
	50 G20 Sinbaungwe	96.45	97.52	
	51 G21 Kamma	98.30	98.81	
Magway Average			92.75	94.93
Study Area Average			93.75	96.35

Source: Ministry of Education

Table-12
Access to Electrification (Urban and Rural)

Unit: %

Division	District	Township	% H.H. of access to Electricity		
			Urban	Rural	
Sagaing	Sagaing	1 S1 Sagaing	n.a	n.a	
		2 S2 Myinmu	45	35	
		3 S3 Myaung	80	1	
			Total		
	Monywa	Monywa	4 S4 Monywa	75	18
			5 S5 Chaung -U	35	66
			6 S6 Ayadaw	40	-
			7 S7 Budalin	80	19
			8 S8 Salingyi	100	46
			9 S9 Yinmabin	70	27
			10 S10 Pale	5	n.a.
			Total		
	Shwebo	Shwebo	11 S11 Shwebo	n.a	n.a
			12 S12 Taze	n.a	n.a
			13 S13 Wetlet	n.a	n.a
			14 S14 Khin- U	n.a	n.a
			15 S15 Ye- U	66	n.a
16 S16 Tabayin			n.a	n.a	
17 S17 Kanbalu			n.a	n.a	
		Total			
		Total			
Mandalay	Kyaukse	18 M1 Kyaukse	52	15	
		19 M2 Myittha	10	5	
		20 M3 Tada- U	50	40	
			Total		
	Myingyan	Myingyan	21 M4 Myingyan	100	36
			22 M5 Taungtha	75	31
			23 M6 Natogyi	6	50
			24 M7 Kyaukpadaung	100	60
			25 M8 Ngazun	21	29
			Total		
	Meikhtila	Meikhtila	26 M9 Meikhtila	93	57
			27 M10 Mahlaing	n.a	n.a
			28 M11 Thazi	37	10
29 M12 Wundwin			80	30	
		Total			
Nyaung- U	30 M13 Nyaung-U	100	n.a		
		Total			
		Total			
Magway	Pakokku	31 G1 Pakokku	50	10	
		32 G2 Pauk	29	71	
		33 G3 Myaing	79	n.a	
		34 G4 Yesagyoye	90	75	
		35 G5 Seikphyu	40	n.a	
			Total		
	Magway	Magway	36 G6 Magway	100	n.a
			37 G7 Chauk	30	n.a
			38 G8 Yenangyaung	100	n.a
			39 G9 Natmauk	39	n.a
			40 G10 Myothit	48	n.a
			41 G11 Taungdwingyi	85	n.a
			Total		
	Minbu	Minbu	42 G12 Minbu	100	6
			43 G13 Pwintbyu	100	2
			44 G14 Salin	70	30
			45 G15 Ngaphe	100	n.a
				Total	
Thayet	Thayet	46 G16 Thayet	100	n.a	
		47 G17 Mindon	100	7	
		48 G18 Minhla	100	1	
		49 G19 Aunglan	100	n.a	
		50 G20 Sinbaungwe	60	n.a	
		51 G21 Kamma	100	1	
		Total			
		Total			
		Total			

Source: Township Profile, Township Peace and Development Council

Table-13
No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Schools: (2000)				No. of Schools: (2001)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	162	10	9	181	162	10	9	181
		2 S2 Myinmu	93	5	2	100	93	5	2	100
		3 S3 Myaung	90	8	7	105	90	8	7	105
		Total	345	23	18	386	345	23	18	386
	Monywa	4 S4 Monywa	157	8	6	171	157	8	6	171
		5 S5 Chaung-U	72	5	2	79	72	4	2	78
		6 S6 Ayadaw	114	7	4	125	114	5	4	123
		7 S7 Budalin	108	5	5	118	113	5	2	120
		8 S8 Salingyi	100	7	3	110	100	7	3	110
		9 S9 Yinmabin	104	6	2	112	104	6	2	112
		10 S10 Pale	106	5	2	113	108	7	2	117
	Total	761	43	24	828	768	42	21	831	
	Shwebo	11 S11 Shwebo	147	8	7	162	147	8	7	162
		12 S12 Taze	127	9	3	139	123	7	2	132
		13 S13 Wetlet	134	6	4	144	134	6	4	144
		14 S14 Khin-U	111	5	2	118	113	3	2	118
		15 S15 Ye-U	108	7	3	118	108	9	3	120
16 S16 Tabayin		112	4	2	118	112	4	2	118	
17 S17 Kanbalu		164	6	3	173	165	6	3	174	
Total	903	45	24	972	902	43	23	968		
Total	2,009	111	66	2,186	2,015	108	62	2,185		
Mandalay	Kyaukse	18 M1 Kyaukse	161	9	4	174	161	9	4	174
		19 M2 Myittha	163	9	3	175	163	9	3	175
		20 M3 Tada-U	107	8	2	117	107	8	2	117
		Total	431	26	9	466	431	26	9	466
	Myingyan	21 M4 Myingyan	178	11	3	192	178	11	3	192
		22 M5 Taungtha	180	9	4	193	180	9	4	193
		23 M6 Natogyi	141	6	4	151	141	6	4	151
		24 M7 Kyaukpadaung	250	11	4	265	250	11	4	265
		25 M8 Ngazun	112	5	3	120	112	5	3	120
	Total	861	42	18	921	861	42	18	921	
	Meikhtila	26 M9 Meikhtila	237	11	6	254	237	11	6	254
		27 M10 Mahlaing	172	7	3	182	172	7	3	182
		28 M11 Thazi	175	8	4	187	175	8	4	187
		29 M12 Wundwin	141	8	2	151	141	8	2	151
	Total	725	34	15	774	725	34	15	774	
Nyaung-U	30 M13 Nyaung-U	184	8	4	196	184	8	4	196	
	Total	184	8	4	196	184	8	4	196	
Total	2,201	110	46	2,357	2,201	110	46	2,357		
Magway	Pakokku	31 G1 Pakokku	186	10	8	204	192	10	2	204
		32 G2 Pauk	177	7	2	186	176	7	2	185
		33 G3 Myaing	207	8	2	217	207	8	2	217
		34 G4 Yesagy	167	11	4	182	128	7	3	138
		35 G5 Seikphyu	102	7	1	110	102	7	1	110
	Total	839	43	17	899	805	39	10	854	
	Magway	36 G6 Magway	171	10	5	186	173	10	5	188
		37 G7 Chauk	168	10	4	182	197	21	10	228
		38 G8 Yenangyaung	124	9	3	136	173	14	4	191
		39 G9 Natmauk	173	8	2	183	177	8	2	187
		40 G10 Myothit	128	7	2	137	207	8	2	217
		41 G11 Taungdwingyi	198	10	3	211	198	10	3	211
	Total	962	54	19	1,035	1,125	71	26	1,222	
	Minbu	42 G12 Minbu	130	7	3	140	131	5	1	137
		43 G13 Pwintbyu	142	7	3	152	142	7	3	152
		44 G14 Salin	265	9	4	278	265	9	4	278
		45 G15 Ngaphe	64	3	1	68	64	3	1	68
	Total	601	26	11	638	602	24	9	635	
	Thayet	46 G16 Thayet	124	7	2	133	124	9	3	136
		47 G17 Mindon	129	5	1	135	199	5	6	210
		48 G18 Minhla	132	6	2	140	132	6	2	140
49 G19 Aunglan		199	6	5	210	207	6	6	219	
50 G20 Sinbaungwe		121	6	2	129	122	6	2	130	
51 G21 Kamma		115	5	2	122	115	5	2	122	
Total	820	35	14	869	899	37	21	957		
Total	3,222	158	61	3,441	3,431	171	66	3,668		
Total			7,432	379	173	7,984	7,647	389	174	8,210

Source: Health Management Information System (HMS)

Table-13
No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Schools: (2002)				No. of Schools: (2003)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	162	10	9	181	159	13	9	181
		2 S2 Myinmu	89	8	4	101	88	7	4	99
		3 S3 Myaung	90	8	7	105	90	4	4	98
		Total	341	26	20	387	337	24	17	378
	Monywa	4 S4 Monywa	157	8	6	171	157	8	6	171
		5 S5 Chaung-U	72	4	2	78	72	4	2	78
		6 S6 Ayadaw	114	5	4	123	117	6	3	126
		7 S7 Budalin	113	5	2	120	113	5	2	120
		8 S8 Salingyi	100	7	3	110	89	2	3	94
		9 S9 Yinmabin	104	6	2	112	105	6	2	113
		10 S10 Pale	110	8	2	120	108	8	2	118
		Total	770	43	21	834	761	39	20	820
	Shwebo	11 S11 Shwebo	154	7	7	168	154	7	7	168
		12 S12 Taze	123	7	2	132	126	7	2	135
		13 S13 Wetlet	134	6	4	144	140	8	3	151
		14 S14 Khin-U	111	4	2	117	117	4	3	124
		15 S15 Ye-U	108	9	3	120	112	7	3	122
16 S16 Tabayin		112	4	2	118	112	5	3	120	
17 S17 Kanbalu		160	6	3	169	160	6	3	169	
	Total	902	43	23	968	921	44	24	989	
	Total	2,013	112	64	2,189	2,019	107	61	2,187	
Mandalay	Kyaukse	18 M1 Kyaukse	161	9	7	177	161	9	7	177
		19 M2 Myittha	163	9	3	175	163	9	3	175
		20 M3 Tada-U	107	8	2	117	107	8	2	117
		Total	431	26	12	469	431	26	12	469
	Myingyan	21 M4 Myingyan	178	11	3	192	178	11	3	192
		22 M5 Taungtha	179	9	4	192	173	9	4	186
		23 M6 Natogyi	137	11	4	152	130	9	4	143
		24 M7 Kyaukpadaung	250	11	4	265	251	11	4	266
		25 M8 Ngazun	112	8	4	124	112	8	4	124
		Total	856	50	19	925	844	48	19	911
	Meikhtila	26 M9 Meikhtila	237	13	6	256	236	10	6	252
		27 M10 Mahlaing	163	17	3	183	166	16	5	187
		28 M11 Thazi	174	11	4	189	175	11	5	191
29 M12 Wundwin		141	8	2	151	141	8	2	151	
	Total	715	49	15	779	718	45	18	781	
Nyaung-U	30 M13 Nyaung-U	187	8	4	199	186	8	4	198	
	Total	187	8	4	199	186	8	4	198	
	Total	2,189	133	50	2,372	2,179	127	53	2,359	
Magway	Pakokku	31 G1 Pakokku	194	10	8	212	207	10	8	225
		32 G2 Pauk	185	7	4	196	200	7	2	209
		33 G3 Myaing	207	8	2	217	207	8	2	217
		34 G4 Yesagy	167	11	4	182	199	11	4	214
		35 G5 Seikphyu	102	7	1	110	130	7	1	138
		Total	855	43	19	917	943	43	17	1,003
	Magway	36 G6 Magway	188	10	5	203	192	10	5	207
		37 G7 Chauk	166	10	4	180	204	10	4	218
		38 G8 Yenangyaung	125	9	3	137	133	9	3	145
		39 G9 Natmauk	173	8	2	183	209	9	3	221
		40 G10 Myothit	128	7	3	138	137	7	2	146
		41 G11 Taungdwingyi	197	10	3	210	225	10	3	238
		Total	977	54	20	1,051	1,100	55	20	1,175
	Minbu	42 G12 Minbu	130	7	3	140	148	7	3	158
		43 G13 Pwintbyu	176	7	2	185	148	7	3	158
		44 G14 Salin	265	9	4	278	287	9	4	300
		45 G15 Ngaphe	63	2	2	67	69	3	1	73
		Total	634	25	11	670	652	26	11	689
	Thayet	46 G16 Thayet	124	7	2	133	128	7	2	137
47 G17 Mindon		131	5	1	137	131	5	1	137	
48 G18 Minhla		136	6	2	144	143	6	2	151	
49 G19 Aunglan		199	6	5	210	225	6	5	236	
50 G20 Sinbaungwe		122	6	2	130	122	6	2	130	
51 G21 Kamma		118	4	2	124	123	5	2	130	
	Total	830	34	14	878	872	35	14	921	
	Total	3,296	156	64	3,516	3,567	159	62	3,788	
	Total	7,498	401	178	8,077	7,765	393	176	8,334	

Source: Health Management Information System (HMS)

Table-13
No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Students: (2000)				No. of Students: (2001)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	26,260	8,200	1,230	35,690	24,401	9,788	6,280	40,469
		2 S2 Myinmu	11,142	2,896	1,270	15,308	10,329	3,008	2,524	15,861
		3 S3 Myaung	9,745	3,382	1,093	14,220	9,986	4,228	2,226	16,440
		Total	47,147	14,478	3,593	65,218	44,716	17,024	11,030	72,770
	Monywa	4 S4 Monywa	32,283	13,064	6,965	52,312	32,283	13,064	6,965	52,312
		5 S5 Chaung-U	14,872	2,627	2,556	20,055	11,320	3,373	1,972	16,665
		6 S6 Ayadaw	18,572	3,376	2,999	24,947	18,380	3,106	3,003	24,489
		7 S7 Budalin	11,740	2,446	894	15,080	18,588	2,051	1,007	21,646
		8 S8 Salingyi	14,184	3,508	875	18,567	14,499	4,151	3,818	22,468
		9 S9 Yinmabin	17,247	4,870	4,436	26,553	19,139	6,992	1,412	27,543
		10 S10 Pale	14,712	2,640	1,150	18,502	15,378	3,010	2,883	21,271
	Total	123,610	32,531	19,875	176,016	129,587	35,747	21,060	186,394	
	Shwebo	11 S11 Shwebo	27,552	8,176	3,920	39,648	19,002	5,154	3,136	27,292
		12 S12 Taze	20,975	6,423	6,226	33,624	20,412	6,906	4,891	32,209
		13 S13 Wetlet	22,098	4,696	1,456	28,250	21,891	6,060	5,228	33,179
		14 S14 Khin- U	16,674	3,536	3,455	23,665	16,066	3,400	3,197	22,663
		15 S15 Ye- U	13,774	5,158	1,957	20,889	12,870	5,864	1,398	20,132
16 S16 Tabayin		16,929	3,720	1,215	21,864	16,929	3,720	1,215	21,864	
17 S17 Kanbalu		29,473	5,211	3,852	38,536	27,419	6,734	4,923	39,076	
Total	147,475	36,920	22,081	206,476	134,589	37,838	23,988	196,415		
Total	318,232	83,929	45,549	447,710	308,892	90,609	56,078	455,579		
Mandalay	Kyaukse	18 M1 Kyaukse	22,007	7,722	2,564	32,293	22,007	7,722	2,564	32,293
		19 M2 Myittha	15,982	5,770	1,976	23,728	15,982	5,770	1,976	23,728
		20 M3 Tada- U	14,231	4,049	1,012	19,292	14,231	4,049	1,012	19,292
		Total	52,220	17,541	5,552	75,313	52,220	17,541	5,552	75,313
	Myingyan	21 M4 Myingyan	22,637	9,901	2,934	35,472	22,637	9,901	2,934	35,472
		22 M5 Taungtha	27,335	9,523	3,660	40,518	27,335	9,523	3,660	40,518
		23 M6 Natogyi	18,585	4,754	1,939	25,278	18,585	4,754	1,939	25,278
		24 M7 Kyaukpadaung	34,988	10,036	3,793	48,817	34,988	10,036	3,793	48,817
		25 M8 Ngazun	13,784	3,515	1,109	18,408	13,784	3,515	1,109	18,408
	Total	117,329	37,729	13,435	168,493	117,329	37,729	13,435	168,493	
	Meikhtila	26 M9 Meikhtila	31,164	12,318	6,020	49,502	31,164	12,318	6,020	49,502
		27 M10 Mahlaing	10,137	2,199	901	13,237	10,137	2,199	901	13,237
		28 M11 Thazi	20,820	5,521	2,154	28,495	20,820	5,521	2,154	28,495
29 M12 Wundwin		23,872	5,448	1,537	30,857	23,872	5,448	1,537	30,857	
Total	85,993	25,486	10,612	122,091	85,993	25,486	10,612	122,091		
Nyaung- U	30 M13 Nyaung-U	28,862	8,106	3,140	40,108	28,862	8,106	3,140	40,108	
	Total	28,862	8,106	3,140	40,108	28,862	8,106	3,140	40,108	
Total	284,404	88,862	32,739	406,005	284,404	88,862	32,739	406,005		
Magway	Pakokku	31 G1 Pakokku	28,105	12,625	4,961	45,691	3,003	14,004	6,466	23,473
		32 G2 Pauk	20,595	2,904	573	24,072	24,664	5,650	2,165	32,479
		33 G3 Myaing	30,581	6,163	770	37,514	28,689	6,602	3,384	38,675
		34 G4 Yesagy	24,482	7,910	2,050	34,442	17,811	5,289	2,371	25,471
		35 G5 Seikphyu	11,987	3,106	656	15,749	11,987	3,106	656	15,749
	Total	115,750	32,708	9,010	157,468	86,154	34,651	15,042	135,847	
	Magway	36 G6 Magway	31,332	7,878	3,619	42,829	28,808	10,619	5,896	45,323
		37 G7 Chauk	20,956	7,878	3,312	32,146	21,348	11,184	3,878	36,410
		38 G8 Yenangyaung	17,040	5,538	2,953	25,531	24,746	9,729	3,499	37,974
		39 G9 Natmauk	24,077	5,177	1,651	30,905	26,922	4,911	3,772	35,605
		40 G10 Myothit	17,791	4,376	912	23,079	28,689	6,602	3,384	38,675
		41 G11 Taungdwingyi	29,240	7,718	3,096	40,054	29,240	7,718	3,096	40,054
	Total	140,436	38,565	15,543	194,544	159,753	50,763	23,525	234,041	
	Minbu	42 G12 Minbu	18,705	5,611	2,479	26,795	5,237	809	1,238	7,284
		43 G13 Pwintbyu	18,201	6,403	1,256	25,860	18,210	6,403	1,256	25,869
		44 G14 Salin	27,757	7,455	2,363	37,575	27,757	7,404	2,378	37,539
		45 G15 Ngaphe	4,293	1,319	206	5,818	4,288	1,462	490	6,240
	Total	68,956	20,788	6,304	96,048	55,492	16,078	5,362	76,932	
	Thayet	46 G16 Thayet	9,521	3,416	986	13,923	17,250	5,850	3,155	26,255
47 G17 Mindon		5,220	1,174	421	6,815	31,468	6,803	2,743	41,014	
48 G18 Minhla		12,560	3,756	962	17,278	12,690	3,552	906	17,148	
49 G19 Aunglan		21,916	6,800	2,585	31,301	29,043	2,086	10,126	41,255	
50 G20 Sinbaungwe		12,248	1,702	359	14,309	12,436	2,073	623	15,132	
51 G21 Kamma		6,754	6,800	668	14,222	7,420	1,421	1,677	10,518	
Total	68,219	23,648	5,981	97,848	110,307	21,785	19,230	151,322		
Total	393,361	115,709	36,838	545,908	411,706	123,277	63,159	598,142		
Total	995,997	288,500	115,126	1,399,623	1,005,002	302,748	151,976	1,459,726		

Source: Health Management Information System (HMS)

Table-13
No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Students: (2002)				No. of Students: (2003)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	22,901	9,788	6,280	38,969	42,833	6,544	4,086	53,463
		2 S2 Myinmu	11,037	3,094	2,017	16,148	11,365	2,890	1,957	16,212
		3 S3 Myaung	9,986	4,228	2,226	16,440	9,333	2,964	1,280	13,577
		Total	43,924	17,110	10,523	71,557	63,531	12,398	7,323	83,252
	Monywa	4 S4 Monywa	30,783	13,064	6,965	50,812	30,783	13,064	6,965	50,812
		5 S5 Chaung-U	9,820	3,373	1,972	15,165	9,820	3,373	1,972	15,165
		6 S6 Ayadaw	16,880	3,106	3,003	22,989	18,369	4,621	1,150	24,140
		7 S7 Budalin	17,088	2,164	1,007	20,259	14,409	3,526	1,136	19,071
		8 S8 Salingyi	12,999	4,151	3,818	20,968	14,831	4,012	2,762	21,605
		9 S9 Yinmabin	16,710	5,818	3,933	26,461	17,971	7,540	2,287	27,798
		10 S10 Pale	15,080	3,800	1,272	20,152	16,855	4,468	1,577	22,900
	Total	119,360	35,476	21,970	176,806	123,038	40,604	17,849	181,491	
	Shwebo	11 S11 Shwebo	19,730	9,412	6,872	36,014	24,977	9,952	6,332	41,261
		12 S12 Taze	18,912	6,906	4,891	30,709	18,690	9,204	2,376	30,270
		13 S13 Wetlet	20,391	5,060	4,228	29,679	22,309	5,394	3,063	30,766
		14 S14 Khin- U	16,258	5,196	1,423	22,877	18,189	2,442	962	21,593
		15 S15 Ye- U	11,370	5,864	1,398	18,632	15,020	2,612	2,523	20,155
16 S16 Tabayin		15,429	3,720	1,215	20,364	16,240	3,578	713	20,531	
17 S17 Kanbalu		25,919	6,734	4,923	37,576	25,919	6,734	4,923	37,576	
Total	128,009	42,892	24,950	195,851	141,344	39,916	20,892	202,152		
Total	291,293	95,478	57,443	444,214	327,913	92,918	46,064	466,895		
Mandalay	Kyaukse	18 M1 Kyaukse	23,232	7,189	4,237	34,658	23,232	7,189	4,237	34,658
		19 M2 Myittha	18,112	5,624	2,524	26,260	18,112	5,624	2,524	26,260
		20 M3 Tada- U	13,258	3,596	997	17,851	13,258	3,596	997	17,851
		Total	54,602	16,409	7,758	78,769	54,602	16,409	7,758	78,769
	Myingyan	21 M4 Myingyan	22,795	10,918	4,676	38,389	22,795	10,918	4,676	38,389
		22 M5 Taungtha	26,087	8,298	7,016	41,401	25,101	7,885	5,802	38,788
		23 M6 Natogyi	1,663	6,536	5,347	13,546	18,029	4,887	4,850	27,766
		24 M7 Kyaukpadaung	35,442	13,434	4,874	53,750	36,440	10,505	4,613	51,558
		25 M8 Ngazun	13,624	2,524	4,244	20,392	13,624	2,524	4,244	20,392
	Total	99,611	41,710	26,157	167,478	115,989	36,719	24,185	176,893	
	Meikhtila	26 M9 Meikhtila	40,327	8,182	9,826	58,335	31,940	6,166	14,303	52,409
		27 M10 Mahlaing	18,888	6,460	4,116	29,464	17,437	5,686	5,339	28,462
		28 M11 Thazi	20,135	5,845	5,968	31,948	18,650	6,774	6,727	32,151
		29 M12 Wundwin	25,640	6,655	1,195	33,490	24,281	7,182	1,504	32,967
	Total	104,990	27,142	21,105	153,237	92,308	25,808	27,873	145,989	
Nyaung- U	30 M13 Nyaung-U	30,010	5,608	6,261	41,879	29,465	4,264	6,424	40,153	
	Total	30,010	5,608	6,261	41,879	29,465	4,264	6,424	40,153	
Total	289,213	90,869	61,281	441,363	292,364	83,200	66,240	441,804		
Magway	Pakokku	31 G1 Pakokku	28,771	8,434	14,800	52,005	28,980	13,960	6,320	49,260
		32 G2 Pauk	21,053	4,985	3,435	29,473	21,168	6,983	2,396	30,547
		33 G3 Myaing	28,689	6,602	3,384	38,675	28,689	6,602	3,384	38,675
		34 G4 Yesagyo	19,459	7,305	6,727	33,491	24,407	10,017	3,599	38,023
		35 G5 Seikphyu	12,133	2,321	702	15,156	13,180	3,831	1,480	18,491
	Total	110,105	29,647	29,048	168,800	116,424	41,393	17,179	174,996	
	Magway	36 G6 Magway	46,522	7,496	8,766	62,784	31,202	11,501	3,890	46,593
		37 G7 Chauk	18,875	6,697	8,743	34,315	22,885	8,805	3,729	35,419
		38 G8 Yenangyaung	14,424	5,947	3,190	23,561	17,621	7,179	3,274	28,074
		39 G9 Natmauk	28,971	7,728	1,701	38,400	17,621	7,179	3,274	28,074
		40 G10 Myothit	17,811	5,289	2,371	25,471	18,500	5,835	1,329	25,664
		41 G11 Taungdwingyi	33,140	8,022	5,194	46,356	31,907	10,054	3,764	45,725
	Total	159,743	41,179	29,965	230,887	139,736	50,553	19,260	209,549	
	Minbu	42 G12 Minbu	19,333	4,508	3,270	27,111	19,500	6,113	2,355	27,968
		43 G13 Pwintbyu	21,590	2,729	3,119	27,438	17,531	6,893	2,097	26,521
		44 G14 Salin	26,294	5,549	6,453	38,296	28,658	8,444	3,142	40,244
		45 G15 Ngaphe	4,259	1,319	871	6,449	4,512	1,315	475	6,302
	Total	71,476	14,105	13,713	99,294	70,201	22,765	8,069	101,035	
Thayet	46 G16 Thayet	9,472	2,596	2,600	14,668	9,779	3,648	1,250	14,677	
	47 G17 Mindon	5,237	809	1,238	7,284	5,166	2,124	510	7,800	
	48 G18 Minhla	12,896	2,147	1,050	16,093	12,058	4,236	1,345	17,639	
	49 G19 Aunglan	31,468	7,211	2,833	41,512	23,915	7,498	3,142	34,555	
	50 G20 Sinbaungwe	12,869	2,208	648	15,725	12,975	2,205	652	15,832	
	51 G21 Kamma	7,420	1,241	1,677	10,338	6,543	2,182	832	9,557	
Total	79,362	16,212	10,046	105,620	70,436	21,893	7,731	100,060		
Total	420,686	101,143	82,772	604,601	396,797	136,604	52,239	585,640		
Total		1,001,192	287,490	201,496	1,490,178	1,017,074	312,722	164,543	1,494,339	

Source: Health Management Information System (HMS)

Table-13

No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Teachers: (2000)				No. of Teachers: (2001)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	863	455	134	1,452	905	429	136	1,470
		2 S2 Myinmu	414	130	38	582	428	130	38	596
		3 S3 Myaung	515	169	41	725	534	171	41	746
		Total	1,792	754	213	2,759	1,867	730	215	2,812
	Monywa	4 S4 Monywa	1,111	688	193	1,992	1,151	683	195	2,029
		5 S5 Chaung-U	409	146	32	587	420	149	31	600
		6 S6 Ayadaw	541	138	29	708	556	128	32	716
		7 S7 Budalin	527	175	35	737	581	170	33	784
		8 S8 Salingyi	506	215	35	756	500	168	37	705
		9 S9 Yinmabin	402	136	27	565	431	144	28	603
		10 S10 Pale	456	72	27	555	483	76	38	597
	Total	3,952	1,570	378	5,900	4,122	1,518	394	6,034	
	Shwebo	11 S11 Shwebo	1,080	535	99	1,714	1,077	527	107	1,711
		12 S12 Taze	562	139	21	722	580	142	21	743
		13 S13 Wetlet	642	145	34	821	666	146	37	849
		14 S14 Khin-U	516	116	27	659	517	118	25	660
		15 S15 Ye-U	491	189	49	729	495	189	51	735
16 S16 Tabayin		379	69	22	470	445	124	27	596	
17 S17 Kanbalu		760	217	175	1,152	707	280	224	1,211	
Total	4,430	1,410	427	6,267	4,487	1,526	492	6,505		
Total	10,174	3,734	1,018	14,926	10,476	3,774	1,101	15,351		
Mandalay	Kyaukse	18 M1 Kyaukse	635	217	64	916	645	227	64	936
		19 M2 Myittha	629	157	46	832	639	167	46	852
		20 M3 Tada-U	442	129	34	605	452	139	34	625
		Total	1,706	503	144	2,353	1,736	533	144	2,413
	Myingyan	21 M4 Myingyan	958	395	90	1,443	963	410	90	1,463
		22 M5 Taungtha	967	262	53	1,282	972	277	53	1,302
		23 M6 Natogyi	602	134	43	779	607	149	43	799
		24 M7 Kyaukpadaung	1,124	294	90	1,508	1,129	309	90	1,528
		25 M8 Ngazun	492	99	30	621	497	114	30	641
	Total	4,143	1,184	306	5,633	4,168	1,259	306	5,733	
	Meikhtila	26 M9 Meikhtila	1,306	512	190	2,008	1,311	527	190	2,028
		27 M10 Mahlaing	652	186	55	893	657	201	55	913
		28 M11 Thazi	855	235	72	1,162	860	250	72	1,182
		29 M12 Wundwin	602	171	34	807	607	186	34	827
	Total	3,415	1,104	351	4,870	3,435	1,164	351	4,950	
Nyaung-U	30 M13 Nyaung-U	744	245	70	1,059	754	255	70	1,079	
	Total	744	245	70	1,059	754	255	70	1,079	
Total	10,008	3,036	871	13,915	10,093	3,211	871	14,175		
Magway	Pakokku	31 G1 Pakokku	1,050	429	152	1,631	1,120	430	145	1,695
		32 G2 Pauk	539	94	27	660	609	98	25	732
		33 G3 Myaing	643	119	33	795	784	133	34	951
		34 G4 Yesagy	770	231	73	1,074	807	232	72	1,111
		35 G5 Seikphyu	372	92	29	493	401	101	29	531
	Total	3,374	965	314	4,653	3,721	994	305	5,020	
	Magway	36 G6 Magway	858	324	121	1,303	946	339	120	1,405
		37 G7 Chauk	825	296	109	1,230	895	303	108	1,306
		38 G8 Yenangyaung	673	268	81	1,022	765	218	78	1,061
		39 G9 Natmauk	615	133	36	784	679	142	37	858
		40 G10 Myothit	510	120	27	657	534	122	26	682
		41 G11 Taungdwingyi	989	253	79	1,321	1,006	262	78	1,346
	Total	4,470	1,394	453	6,317	4,825	1,386	447	6,658	
	Minbu	42 G12 Minbu	513	196	60	769	656	199	63	918
		43 G13 Pwintbyu	497	148	37	682	582	149	36	767
		44 G14 Salin	847	223	84	1,154	895	226	80	1,201
		45 G15 Ngaphe	144	38	10	192	175	39	12	226
	Total	2,001	605	191	2,797	2,308	613	191	3,112	
	Thayet	46 G16 Thayet	418	112	41	571	436	123	39	598
47 G17 Mindon		288	55	11	354	314	57	14	385	
48 G18 Minhla		396	94	31	521	424	102	32	558	
49 G19 Aunglan		711	214	76	1,001	769	224	74	1,067	
50 G20 Sinbaungwe		352	72	24	448	396	74	25	495	
51 G21 Kamma		359	75	26	460	386	76	26	488	
Total	2,524	622	209	3,355	2,725	656	210	3,591		
Total	12,369	3,586	1,167	17,122	13,579	3,649	1,153	18,381		
Total			32,551	10,356	3,056	45,963	34,148	10,634	3,125	47,907

Source: Health Management Information System (HMS)

Table-13
No. of schools, teachers and students (Formal education)

Unit: Number

Division	District	Township	No. of Teachers: (2002)				No. of Teachers: (2003)			
			Primary	Middle	High	Total	Primary	Middle	High	Total
Sagaing	Sagaing	1 S1 Sagaing	919	433	146	1,498	880	416	136	1,432
		2 S2 Myinmu	434	141	43	618	426	127	46	599
		3 S3 Myaung	306	155	44	505	530	157	48	735
		Total	1,659	729	233	2,621	1,836	700	230	2,766
	Monywa	4 S4 Monywa	1,103	685	211	1,999	1,160	700	216	2,076
		5 S5 Chaung-U	417	157	36	610	415	161	37	613
		6 S6 Ayadaw	537	127	38	702	569	149	58	776
		7 S7 Budalin	548	157	44	749	575	159	46	780
		8 S8 Salingyi	489	170	33	692	526	166	32	724
		9 S9 Yinmabin	455	138	31	624	480	175	36	691
		10 S10 Pale	445	115	34	594	451	115	34	600
	Total	3,994	1,549	427	5,970	4,176	1,625	459	6,260	
	Shwebo	11 S11 Shwebo	1,083	490	128	1,701	1,065	484	137	1,686
		12 S12 Taze	579	131	40	750	565	136	43	744
		13 S13 Wetlet	678	143	48	869	697	180	48	925
		14 S14 Khin- U	554	112	32	698	524	118	35	677
		15 S15 Ye- U	496	181	50	727	505	186	51	742
16 S16 Tabayin		468	125	27	620	455	106	29	590	
17 S17 Kanbalu		668	280	224	1,172	668	280	224	1,172	
Total	4,526	1,462	549	6,537	4,479	1,490	567	6,536		
Total	10,179	3,740	1,209	15,128	10,491	3,815	1,256	15,562		
Mandalay	Kyaukse	18 M1 Kyaukse	618	219	83	920	636	244	92	972
		19 M2 Myittha	711	175	56	942	742	190	62	994
		20 M3 Tada- U	481	129	39	649	479	134	41	654
		Total	1,810	523	178	2,511	1,857	568	195	2,620
	Myingyan	21 M4 Myingyan	1,201	368	87	1,656	1,204	352	120	1,676
		22 M5 Taungtha	986	244	68	1,298	1,049	255	84	1,388
		23 M6 Natogyi	624	131	53	808	585	159	60	804
		24 M7 Kyaukpadaung	1,207	291	106	1,604	1,037	325	112	1,474
		25 M8 Ngazun	491	93	31	615	346	91	38	475
	Total	4,509	1,127	345	5,981	4,221	1,182	414	5,817	
	Meikhtila	26 M9 Meikhtila	1,175	509	216	1,900	1,931	611	273	2,815
		27 M10 Mahlaing	659	175	61	895	688	212	68	968
		28 M11 Thazi	753	193	80	1,026	730	214	90	1,034
		29 M12 Wundwin	565	154	44	763	595	193	49	837
	Total	3,152	1,031	401	4,584	3,944	1,230	480	5,654	
Nyaung- U	30 M13 Nyaung-U	851	237	88	1,176	850	244	94	1,188	
	Total	851	237	88	1,176	850	244	94	1,188	
Total	10,322	2,918	1,012	14,252	10,872	3,224	1,183	15,279		
Magway	Pakokku	31 G1 Pakokku	1,139	447	173	1,759	920	452	187	1,559
		32 G2 Pauk	602	98	28	728	769	101	38	908
		33 G3 Myaing	796	134	42	972	780	138	43	961
		34 G4 Yesagy	800	230	85	1,115	794	233	99	1,126
		35 G5 Seikphyu	436	103	34	573	414	106	45	565
	Total	3,773	1,012	362	5,147	3,677	1,030	412	5,119	
	Magway	36 G6 Magway	978	341	133	1,452	962	340	140	1,442
		37 G7 Chauk	888	297	125	1,310	873	282	136	1,291
		38 G8 Yenangyaung	757	223	95	1,075	753	234	100	1,087
		39 G9 Natmauk	690	159	58	907	531	188	41	760
		40 G10 Myothit	534	123	34	691	673	155	60	888
		41 G11 Taungdwingyi	1,009	260	104	1,373	967	261	109	1,337
	Total	4,856	1,403	549	6,808	4,759	1,460	586	6,805	
	Minbu	42 G12 Minbu	652	201	74	927	641	196	71	908
		43 G13 Pwintbyu	574	152	47	773	581	155	47	783
		44 G14 Salin	887	216	91	1,194	888	230	97	1,215
		45 G15 Ngaphe	175	38	13	226	175	42	14	231
	Total	2,288	607	225	3,120	2,285	623	229	3,137	
	Thayet	46 G16 Thayet	443	125	40	608	430	130	46	606
		47 G17 Mindon	318	60	18	396	315	62	18	395
48 G18 Minhla		422	103	32	557	477	129	64	670	
49 G19 Aunglan		798	216	93	1,107	795	222	101	1,118	
50 G20 Sinbaungwe		413	74	29	516	396	110	30	536	
51 G21 Kamma		396	83	29	508	383	75	31	489	
Total	2,790	661	241	3,692	2,796	728	290	3,814		
Total	13,707	3,683	1,377	18,767	13,517	3,841	1,517	18,875		
Total			34,208	10,341	3,598	48,147	34,880	10,880	3,956	49,716

Source:Health Management Information System (HMS)

Table-14
No. of schools, teachers and students
(Non-formal education)

Unit: Number

Division	District	Township	Monastic Education (2005)				Night School (2005)				
			School	Student	Teacher	Total	Primary	Middle	High	Total	
Sagaing	Sagaing	1 S1 Sagaing	25	2,752	65	2,842				-	
		2 S2 Myinmu	2	417	2	421				-	
		3 S3 Myaung				-				-	
			Total	27	3,169	67	3,263	-	-	-	-
	Monywa	4 S4 Monywa	3	1,173	23	1,199				-	
		5 S5 Chaung -U	11			11				-	
		6 S6 Ayadaw	4	505	30	539				-	
		7 S7 Budalin				-				-	
		8 S8 Salingyi				-				-	
		9 S9 Yinmabin				-				-	
		10 S10 Pale				-				-	
			Total	18	1,678	53	1,749	-	-	-	-
	Shwebo	11 S11 Shwebo	4	905	41	950				-	
		12 S12 Taze				-				-	
		13 S13 Wetlet	16	1,285		1,301				-	
		14 S14 Khin- U	12	690	43	745				-	
		15 S15 Ye- U	3	277	7	287				-	
16 S16 Tabayin		9	781	23	813				-		
17 S17 Kanbalu		3	512	15	530				-		
		Total	47	4,450	129	4,626	-	-	-	-	
		Total	92	9,297	249	9,638	-	-	-	-	
Mandalay	Kyaukse	18 M1 Kyaukse	8	769		777				-	
		19 M2 Myittha	6	1,084	30	1,120	1	4	20	25	
		20 M3 Tada- U	5	883		888				-	
			Total	19	2,736	30	2,785	1	4	20	25
	Myingyan	21 M4 Myingyan	29	5,609	96	5,734	1	46	49	96	
		22 M5 Taungtha	14	2,745	15	2,774	1	4	29	34	
		23 M6 Natogyi	13	2,215	74	2,302	1	12	30	43	
		24 M7 Kyaukpadaung	4	480	20	504	1	34	65	100	
		25 M8 Ngazun	6	673	25	704	1	9	27	37	
			Total	66	11,722	230	12,018	5	105	200	310
	Meikhtila	26 M9 Meikhtila	27	3,367		3,394	1	8	13	22	
		27 M10 Mahlaing	2			2	1			1	
		28 M11 Thazi	6	380		386	1	10	25	36	
29 M12 Wundwin		9	824	18	851	1	14	41	56		
		Total	44	4,571	18	4,633	4	32	79	115	
Nyaung- U	30 M13 Nyaung-U				-				-		
		Total	-	-	-	-	-	-	-		
		Total	129	19,029	278	19,436	10	141	299	450	
Magway	Pakokku	31 G1 Pakokku				-				-	
		32 G2 Pauk	4	598	13	615				-	
		33 G3 Myaing	1	107	5	113				-	
		34 G4 Yesagyo				-				-	
		35 G5 Seikphyu				-				-	
			Total	5	705	18	728	-	-	-	-
	Magway	36 G6 Magway				-				-	
		37 G7 Chauk	7	506	13	526				-	
		38 G8 Yenangyaung				-				-	
		39 G9 Natmauk	12	1,297		1,309				-	
		40 G10 Myothit				-				-	
	41 G11 Taungdwingyi				-				-		
			Total	19	1,803	13	1,835	-	-	-	-
	Minbu	42 G12 Minbu	11	540	10	561				-	
		43 G13 Pwintbyu				-				-	
44 G14 Salin					-				-		
45 G15 Ngaphe					-				-		
		Total	11	540	10	561	-	-	-	-	
Thayet	46 G16 Thayet	6			6				-		
	47 G17 Mindon				-				-		
	48 G18 Minhla				-				-		
	49 G19 Aunglan				-				-		
	50 G20 Sinbaungwe	2	3	44	49				-		
51 G21 Kamma				-				-			
		Total	8	3	44	55	-	-	-	-	
		Total	43	3,051	85	3,179	-	-	-	-	
		Total	264	31,377	612	32,253	10	141	299	450	

Source: Township Profile, Township Peace and Development Council

Remark: Night Schools are open only in mentioned Townships; although Monastic School Education is not reported in this table, it can be assumed to be available, at least 1, in each Township.

Table-15
School dropouts rates (2003)

Unit: %

Division	District	Township	Dropout rate by grade (%)											
			G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	
Sagaing	Sagaing	1 S1 Sagaing	13.16	3.12	6.80	7.71	1.73	23.38	20.97	17.71	1.15	6.82	49.77	
		2 S2 Myinmu	13.36	4.61	5.81	7.29	2.52	8.78	12.62	12.81	2.88	20.69	53.23	
		3 S3 Myaung	11.17	1.34	3.50	3.49	-	8.86	9.97	9.17	-	-	66.83	
			Total											
	Monywa	4 S4 Monywa	6.65	1.20	0.16	-	0.22	10.55	9.37	13.60	1.25	0.66	61.75	
		5 S5 Chaung-U	21.70	0.51	5.57	7.28	-	-	-	5.52	-	6.30	66.88	
		6 S6 Ayadaw	17.38	4.58	3.73	6.49	-	15.77	17.27	10.77	1.49	-	66.81	
		7 S7 Budalin	4.54	3.14	6.15	5.37	0.24	-	-	16.15	0.32	-	64.94	
		8 S8 Salingyi	32.73	-	-	7.33	-	7.05	3.37	-	1.54	14.66	50.83	
		9 S9 Yinmabin	26.57	4.45	5.62	7.47	0.12	-	-	-	0.10	-	55.19	
			10 S10 Pale	20.69	9.85	5.58	4.75	-	10.18	26.53	-	-	8.83	47.70
			Total											
	Shwebo	11 S11 Shwebo	5.86	3.05	4.77	6.59	-	6.44	9.94	9.15	0.66	-	68.02	
		12 S12 Taze	6.95	0.94	1.35	1.60	-	10.81	13.69	15.85	1.23	-	66.55	
		13 S13 Wetlet	23.04	4.84	8.02	9.79	-	-	8.42	8.54	1.50	13.17	66.89	
		14 S14 Khin-U	14.70	4.39	5.86	5.45	-	11.71	14.35	16.53	-	15.42	60.09	
		15 S15 Ye-U	16.83	1.70	3.76	5.38	-	7.36	11.55	12.34	-	-	59.86	
16 S16 Tabayin		2.34	2.93	5.28	4.44	-	11.28	13.25	11.05	2.08	21.72	56.46		
17 S17 Kanbalu		26.27	4.08	4.46	5.54	-	11.05	10.38	12.27	4.72	17.20	72.30		
		Total												
		Total												
Mandalay	Kyaukse	18 M1 Kyaukse	20.14	8.99	7.64	12.15	-	18.21	18.99	14.31	0.39	-	57.20	
		19 M2 Myitha	10.70	4.26	6.77	14.23	-	8.97	11.78	11.30	0.16	11.62	65.26	
		20 M3 Tada-U	15.77	6.56	8.95	8.88	-	10.25	14.36	15.64	-	8.89	73.40	
			Total											
	Myingyan	21 M4 Myingyan	18.05	6.23	4.95	6.65	0.10	8.57	5.98	5.83	0.27	-	46.46	
		22 M5 Taungtha	22.01	12.46	10.95	0.82	3.93	-	2.88	12.09	2.14	-	80.96	
		23 M6 Natogyi	15.78	5.85	6.02	8.20	7.02	-	-	-	1.63	-	36.22	
		24 M7 Kyaukpadaung	8.28	3.52	7.40	4.15	1.35	46.98	40.28	31.97	0.90	11.90	57.05	
		25 M8 Ngazun	15.66	10.46	8.85	9.82	2.62	13.11	15.17	11.02	0.14	-	64.33	
			Total											
	Meikhtila	26 M9 Meikhtila	9.72	3.80	4.19	6.37	-	7.46	7.57	6.15	-	-	70.37	
		27 M10 Mahlaing	23.09	8.94	8.29	12.46	-	13.64	16.86	14.96	-	3.03	56.44	
		28 M11 Thazi	22.98	6.13	8.47	10.09	0.90	12.40	13.32	11.13	0.37	-	57.18	
29 M12 Wundwin		9.88	8.85	7.19	5.85	-	13.68	14.45	12.27	0.42	-	57.19		
		Total												
Nyaung-U	30 M13 Nyaung-U	19.24	1.92	7.89	10.81	-	10.69	10.46	9.69	1.24	10.09	100.00		
		Total												
		Total												
Magway	Pakokku	31 G1 Pakokku	17.20	6.25	7.82	6.91	-	11.54	11.22	12.57	-	18.80	42.73	
		32 G2 Pauk	16.14	5.19	10.83	11.53	-	-	2.76	11.26	1.02	2.28	48.49	
		33 G3 Myaing	16.55	8.33	10.31	11.05	4.09	17.86	17.75	26.13	2.50	32.05	44.60	
		34 G4 Yesagyo	18.91	9.41	8.06	7.96	3.32	14.01	12.65	12.89	0.92	17.71	48.82	
		35 G5 Seikphyu	11.71	3.94	7.62	7.87	0.53	15.79	14.38	12.33	2.06	7.13	57.21	
			Total											
	Magway	36 G6 Magway	16.13	37.30	10.24	9.22	1.50	32.33	30.23	31.17	0.56	12.28	60.77	
		37 G7 Chauk	14.27	7.38	7.20	8.01	0.50	17.46	21.38	25.18	1.95	8.00	62.01	
		38 G8 Yenangyaung	15.33	6.81	7.29	6.12	-	-	1.46	4.07	1.74	-	61.49	
		39 G9 Natmauk	16.52	7.40	6.04	11.98	-	30.49	28.65	27.34	0.54	14.87	62.39	
		40 G10 Myothit	12.82	9.53	6.81	9.94	-	13.74	17.04	18.17	0.23	7.44	63.04	
		41 G11 Taungdwingyi	13.37	3.36	4.95	8.86	-	12.68	14.45	12.02	3.64	-	59.35	
			Total											
	Minbu	42 G12 Minbu	11.77	8.24	8.30	9.13	4.75	11.98	12.47	10.91	2.68	8.77	61.37	
		43 G13 Pwintbyu	10.79	3.88	6.30	6.00	3.02	3.99	5.63	14.72	3.33	26.60	51.95	
		44 G14 Salin	17.47	6.67	9.45	11.61	-	17.39	22.63	22.96	0.05	9.14	60.80	
		45 G15 Ngaphe	10.06	5.28	5.77	8.08	0.13	15.57	18.75	19.03	0.38	11.88	40.43	
			Total											
Thayet	46 G16 Thayet	16.87	4.76	12.74	9.70	2.89	-	0.99	13.58	4.17	11.60	45.92		
	47 G17 Mindon	12.06	2.44	2.04	4.01	0.39	27.92	33.16	31.47	0.58	20.98	44.02		
	48 G18 Minhla	28.00	5.80	15.34	14.94	-	-	2.11	10.91	-	-	64.11		
	49 G19 Aunglan	17.76	7.42	8.10	7.70	0.23	-	-	10.04	1.66	-	50.81		
	50 G20 Sinbaungwe	32.41	15.86	16.12	19.64	0.44	5.82	19.19	21.03	1.53	-	47.45		
	51 G21 Kamma	23.49	7.50	11.23	10.20	-	26.46	20.47	22.45	0.56	0.86	47.25		
		Total												
		Total												

Source: Education Indicator 2003

Table-16
School enrolment rate by type of school (2003)

Unit: %

Division	District	Township	School Enrolment Rate by School Type			
			Primary	Middle	High	
Sagaing	Sagaing	1 S1 Sagaing	50.19	48.15	48.25	
		2 S2 Myinmu	51.75	52.43	50.96	
		3 S3 Myaung	50.46	49.68	47.33	
			Total			
	Monywa	Monywa	4 S4 Monywa	49.32	48.63	50.73
			5 S5 Chaung -U	49.52	50.83	49.78
			6 S6 Ayadaw	51.41	49.90	46.31
			7 S7 Budalin	49.55	47.76	46.33
			8 S8 Salingyi	50.23	48.57	47.07
			9 S9 Yinmabin	50.05	44.99	44.31
			10 S10 Pale	49.61	47.95	46.04
			Total			
	Shwebo	Shwebo	11 S11 Shwebo	49.82	49.96	47.96
			12 S12 Taze	49.17	48.42	49.20
			13 S13 Wetlet	48.83	48.90	48.08
			14 S14 Khin- U	50.24	49.49	49.40
			15 S15 Ye- U	48.60	45.91	48.29
16 S16 Tabayin			50.26	48.47	45.90	
17 S17 Kanbalu			48.90	50.55	49.37	
		Total				
		Total				
Mandalay	Kyaukse	18 M1 Kyaukse	49.86	49.47	45.52	
		19 M2 Myittha	50.56	47.81	49.92	
		20 M3 Tada- U	50.16	47.52	44.11	
			Total			
	Myingyan	Myingyan	21 M4 Myingyan	50.76	48.15	45.63
			22 M5 Taungtha	52.00	49.45	50.57
			23 M6 Natogyi	51.37	49.63	46.07
			24 M7 Kyaukpadaung	49.53	45.01	44.62
			25 M8 Ngazun	53.14	50.79	45.62
			Total			
	Meikhtila	Meikhtila	26 M9 Meikhtila	48.85	46.80	54.65
			27 M10 Mahlaing	49.89	45.96	43.95
28 M11 Thazi			49.38	45.91	42.93	
29 M12 Wundwin			49.68	44.73	45.06	
		Total				
Nyaung- U	30 M13 Nyaung-U	49.22	43.20	44.88		
		Total				
		Total				
Magway	Pakokku	31 G1 Pakokku	49.97	48.07	48.82	
		32 G2 Pauk	50.54	49.67	52.89	
		33 G3 Myaing	50.86	49.09	53.46	
		34 G4 Yesagyo	50.97	46.57	44.88	
		35 G5 Seikphyu	50.26	45.79	49.46	
			Total			
	Magway	Magway	36 G6 Magway	49.47	46.30	48.13
			37 G7 Chauk	49.39	44.62	44.25
			38 G8 Yenangyaung	49.12	46.99	46.51
			39 G9 Natmauk	48.02	43.03	41.34
			40 G10 Myothit	48.21	42.69	39.73
			41 G11 Taungdwingyi	48.15	46.93	45.66
			Total			
	Minbu	Minbu	42 G12 Minbu	49.00	47.08	49.42
			43 G13 Pwintbyu	50.02	48.58	50.20
			44 G14 Salin	49.18	45.64	42.63
			45 G15 Ngaphe	49.91	47.40	49.89
			Total			
	Thayet	Thayet	46 G16 Thayet	49.74	48.67	47.30
			47 G17 Mindon	48.33	48.27	50.00
			48 G18 Minhla	48.79	47.96	49.73
49 G19 Aunglan			48.13	48.62	47.53	
50 G20 Sinbaungwe			49.58	43.81	44.20	
51 G21 Kamma			47.94	48.36	48.79	
		Total				
		Total				

Source: Education Indicator 2003

Table-17
School graduation rates by grade (2003)

Unit: %

Division	District	Township	School graduation rate by school type			
			Primary School Level	Secondary School Level	High School Level	
Sagaing	Sagaing	1 S1 Sagaing	67.0	32.3	13.8	
		2 S2 Myinmu	65.3	41.7	10.5	
		3 S3 Myaung	81.6	60.8	21.5	
			Total			
	Monywa	Monywa	4 S4 Monywa	91.9	63.6	24.1
			5 S5 Chaung-U	68.2	64.4	20.0
			6 S6 Ayadaw	71.0	43.5	14.4
			7 S7 Budalin	81.9	95.6	33.5
			8 S8 Salingyi	62.3	55.1	15.5
			9 S9 Yinmabin	61.2	61.1	27.4
			10 S10 Pale	64.3	40.5	9.0
			Total			
	Shwebo	Shwebo	11 S11 Shwebo	81.2	61.4	17.8
			12 S12 Taze	89.2	56.0	18.6
			13 S13 Wetlet	60.8	50.1	14.4
			14 S14 Khin-U	72.6	45.8	12.6
			15 S15 Ye-U	74.4	53.5	21.5
16 S16 Tabayin			85.8	57.5	19.6	
17 S17 Kanbalu			63.5	39.3	7.2	
		Total				
		Total				
Mandalay	Kyaukse	18 M1 Kyaukse	59.0	33.4	14.3	
		19 M2 Myittha	68.4	48.6	14.9	
		20 M3 Tada-U	65.3	42.3	10.3	
			Total			
	Myingyan	Myingyan	21 M4 Myingyan	68.1	55.0	29.4
			22 M5 Taungtha	57.9	51.4	9.8
			23 M6 Natogyi	63.6	62.6	37.4
			24 M7 Kyaukpadaung	59.8	12.6	4.7
			25 M8 Ngazun	60.4	39.6	11.5
			Total			
	Meikhtila	Meikhtila	26 M9 Meikhtila	77.9	62.5	18.5
			27 M10 Mahlaing	56.2	33.9	13.8
			28 M11 Thazi	59.0	39.6	17.0
29 M12 Wundwin			71.8	46.3	19.8	
		Total				
Nyaung-U	Nyaung-U	30 M13 Nyaung-U	65.1	46.4	n.a	
				Total		
		Total				
Magway	Pakokku	31 G1 Pakokku	62.5	40.3	11.9	
		32 G2 Pauk	48.6	40.5	8.4	
		33 G3 Myaing	54.2	24.8	4.5	
		34 G4 Yesagy	53.0	34.3	7.5	
		35 G5 Seikphyu	71.8	44.4	15.6	
			Total			
	Magway	Magway	36 G6 Magway	42.2	13.6	4.7
			37 G7 Chauk	67.5	32.1	11.2
			38 G8 Yenangyaung	57.4	53.1	20.2
			39 G9 Natmauk	63.9	22.9	7.3
			40 G10 Myothit	55.5	32.4	9.0
			41 G11 Taungdwingyi	72.5	45.8	18.5
			Total			
	Minbu	Minbu	42 G12 Minbu	51.1	32.1	10.5
			43 G13 Pwintbyu	72.6	53.3	17.4
			44 G14 Salin	49.0	23.8	8.2
			45 G15 Ngaphe	77.8	43.1	22.6
			Total			
	Thayet	Thayet	46 G16 Thayet	60.6	49.7	18.2
			47 G17 Mindon	80.4	26.4	11.7
			48 G18 Minhla	48.8	42.6	15.3
49 G19 Aunglan			63.1	55.4	21.1	
50 G20 Sinbaungwe			37.8	22.1	8.3	
51 G21 Kamma			54.4	24.5	7.6	
		Total				
		Total				

Source: Education Indicator 2003

Table-18
Health- Life expectancy, rates of birth and death (2004)

Division	District	Township	Life expectancy ratio (Year) (2004)			Crude Birth Rate (per 1,000 population)	Crude Death Rate (per 1,000 population)
			Men	Women	The Whole		
Sagaing	Sagaing	1 S1 Sagaing	68	70	69	13.2	5.3
		2 S2 Myinmu	65	68	67	12.5	5.8
		3 S3 Myaung	66	70	68	n.a	n.a
	Monywa	4 S4 Monywa	67	69	68	n.a	n.a
		5 S5 Chaung -U	65	70	68	n.a	n.a
		6 S6 Ayadaw	65	68	67	7.8	3.0
		7 S7 Budalin	66	70	68	n.a	n.a
		8 S8 Salingyi	66	72	69	16.2	5.8
		9 S9 Yinmabin	65	70	68	16.2	5.8
		10 S10 Pale	65	68	67	15.5	5.2
	Shwebo	11 S11 Shwebo	70	75	73	14.2	5.8
		12 S12 Taze	68	70	69	16.5	5.7
		13 S13 Wetlet	68	72	70	5.2	0.8
		14 S14 Khin- U	70	72	71	12.7	5.2
		15 S15 Ye- U	70	72	71	16.6	5.6
		16 S16 Tabayin	68	70	69	13.4	6.0
		17 S17 Kanbalu	70	75	73	20.3	4.9
Sagaing Average			67	71	69	13.9	5.0
Mandalay	Kyaukse	18 M1 Kyaukse	75	80	78	17.6	4.8
		19 M2 Myittha	75	80	75	16.3	4.8
		20 M3 Tada- U	60	70	65	5.3	1.9
	Myingyan	21 M4 Myingyan	60	70	65	16.0	5.9
		22 M5 Taungtha	70	75	73	17.2	6.1
		23 M6 Natogyi	75	80	90	19.0	4.9
		24 M7 Kyaukpadaung	78	65	71	12.9	5.5
		25 M8 Ngazun	56	60	58	10.9	4.7
	Meikhtila	26 M9 Meikhtila	60	65	65	0.6	0.1
		27 M10 Mahlaing	75	65	70	12.6	5.3
		28 M11 Thazi	66	70	68	12.2	4.5
		29 M12 Wundwin	65	70	68	22.4	4.4
	Nyaung- U	30 M13 Nyaung-U	62	68	65	n.a	n.a
Mandalay Average			67	71	70	13.6	4.4
Magway	Pakokku	31 G1 Pakokku	n.a	n.a	n.a	n.a	n.a
		32 G2 Pauk	n.a	n.a	n.a	0.0	0.0
		33 G3 Myaing	n.a	n.a	n.a	n.a	n.a
		34 G4 Yesagyo	n.a	n.a	n.a	n.a	n.a
		35 G5 Seikphyu	n.a	n.a	n.a	n.a	n.a
	Magway	36 G6 Magway	n.a	n.a	n.a	n.a	n.a
		37 G7 Chauk	n.a	n.a	n.a	n.a	n.a
		38 G8 Yenangyaung	n.a	n.a	n.a	n.a	n.a
		39 G9 Natmauk	n.a	n.a	n.a	19.5	5.4
		40 G10 Myothit	n.a	n.a	n.a	2.5	0.0
		41 G11 Taungdwingyi	n.a	n.a	n.a	n.a	n.a
	Minbu	42 G12 Minbu	n.a	n.a	n.a	n.a	n.a
		43 G13 Pwintbyu	n.a	n.a	n.a	n.a	n.a
		44 G14 Salin	n.a	n.a	n.a	n.a	n.a
		45 G15 Ngaphe	n.a	n.a	n.a	n.a	n.a
	Thayet	46 G16 Thayet	n.a	n.a	n.a	n.a	n.a
47 G17 Mindon		n.a	n.a	n.a	n.a	n.a	
48 G18 Minhla		n.a	n.a	n.a	n.a	n.a	
49 G19 Aunglan		n.a	n.a	n.a	n.a	n.a	
50 G20 Sinbaungwe		n.a	n.a	n.a	21.6	5.7	
51 G21 Kamma		n.a	n.a	n.a	n.a	n.a	
Magway Average						10.9	2.8
Study Area Average			67	71	70	13.3	4.4

Source:Township Profile, Township Peace and Development Council

Table-19
Health Indicators (Distribution of health indicators by
type 2004-2005)

Division	District	Township	Leading Cause Morbidity 1	Leading Cause Morbidity 2	Leading Cause Morbidity 3	Leading Cause Morbidity 4	Leading Cause Morbidity 5	Under-five Malnutrition	Infant Mortality Rate	Under-five Mortality Rate	Maternal Mortality Rate
Sagaing	Sagaing	1 S1 Sagaing	Diarrhoea	ARI	Dysentery	Malaria	TB (Sputum+)	5.40	15.96	19.58	1.28
		2 S2 Myinmu	ARI	Diarrhoea	Dysentery	Malaria	Snake Bite	8.30	24.82	31.48	0.00
		3 S3 Myaung	Diarrhoea	Malaria	ARI	Dysentery	TB Suspect	14.10	35.89	45.43	2.24
	Monywa	4 S4 Monywa	ARI	Diarrhoea	Malaria	Dysentery	TB (Sputum+)	10.80	28.82	43.11	1.56
		5 S5 Chaung-U	ARI	Diarrhoea	Dysentery	Malaria	Snake Bite	11.10	32.67	42.64	1.11
		6 S6 Ayadaw	Diarrhoea	Malaria	ARI	Dysentery	TB Suspect	3.30	9.08	17.03	1.51
		7 S7 Budalin	Malaria	Diarrhoea	Dysentery	ARI	Snake Bite	8.90	35.54	55.13	3.19
		8 S8 Salingyi	Malaria	Diarrhoea	Dysentery	ARI	Snake Bite	5.20	15.88	27.56	3.27
		9 S9 Yinmabin	Malaria	Diarrhoea	ARI	Dysentery	TB Suspect	8.20	27.76	37.13	3.75
		10 S10 Pale	Malaria	Diarrhoea	ARI	Dysentery	Snake Bite	9.80	38.98	50.00	2.97
	Shwebo	11 S11 Shwebo	Malaria	Diarrhoea	ARI	Dysentery	TB (Sputum+)	6.20	35.43	43.75	2.14
		12 S12 Taze	Malaria	ARI	Diarrhoea	Dysentery	Snake Bite	2.70	34.40	41.97	4.54
		13 S13 Wetlet	Diarrhoea	Malaria	ARI	Dysentery	TB Suspect	4.80	11.96	21.38	1.45
		14 S14 Khin-U	Malaria	Diarrhoea	ARI	Dysentery	Snake Bite	6.20	28.19	38.61	1.93
		15 S15 Ye-U	Malaria	Diarrhoea	ARI	Dysentery	Snake Bite	5.10	16.56	37.72	0.92
		16 S16 Tabayin	ARI	Malaria	Diarrhoea	Dysentery	TB (Sputum+)	8.90	33.62	43.71	1.87
		17 S17 Kanbalu	Malaria	ARI	Diarrhoea	Dysentery	Snake Bite	5.40	21.10	31.19	2.16
		Sagaing Average						7.32	26.27	36.91	2.11
Mandalay	Kyaukse	18 M1 Kyaukse	Malaria	ARI	Diarrhoea	Dysentery	TB Suspect	3.70	32.10	44.70	2.19
		19 M2 Myitha	Malaria	Diarrhoea	Dysentery	ARI	Snake Bite	9.30	14.70	25.94	1.47
		20 M3 Tada-U	Diarrhoea	ARI	Dysentery	Malaria	TB Suspect	6.80	8.50	14.00	0.40
	Myingyan	21 M4 Myingyan	Diarrhoea	ARI	Dysentery	TB (Suspected)	Snake Bite	5.40	5.10	15.10	0.70
		22 M5 Taungtha	Diarrhoea	ARI	Malaria	Dysentery	Snake Bite	8.20	39.60	50.90	0.40
		23 M6 Natogyi	Diarrhoea	ARI	Dysentery	Malaria	Snake Bite	11.60	15.90	29.00	1.80
		24 M7 Kyaukpadaung	Diarrhoea	ARI	Dysentery	TB (Sputum+)	TB Suspect	9.40	47.40	61.60	1.30
		25 M8 Ngazun	Diarrhoea	Dysentery	ARI	Malaria	Measles	6.40	14.80	19.50	0.90
	Meikhtila	26 M9 Meikhtila	Diarrhoea	ARI	Dysentery	Malaria	TB Suspect	11.80	26.50	29.90	0.70
		27 M10 Mahlaing	ARI	Diarrhoea	Dysentery	TB(Suspected)	Malaria	8.00	12.50	21.70	0.80
		28 M11 Thazi	Malaria	Diarrhoea	ARI	Dysentery	TB (Sputum+)	9.10	24.90	32.90	1.00
		29 M12 Wundwin	Diarrhoea	Dysentery	ARI	Malaria	TB (Sputum+)	2.40	5.20	12.10	0.60
	Nyaung-U	30 M13 Nyaung-U	Diarrhoea	ARI	Dysentery	TB Suspect	TB (Sputum+)	9.80	33.10	44.10	0.60
		Mandalay Average						7.84	21.56	30.88	0.99
Magway	Pakokku	31 G1 Pakokku	ARI	Diarrhoea	Dysentery	Malaria	TB (Sputum+)	7.33	28.91	44.77	1.06
		32 G2 Pauk	Malaria	ARI	Diarrhoea	Dysentery	TB Suspect	9.92	37.99	61.49	3.01
		33 G3 Myaing	ARI	Diarrhoea	Dysentery	Malaria	TB (Sputum+)	5.86	42.46	55.39	2.00
		34 G4 Yesagyoo	Diarrhoea	Malaria	ARI	Dysentery	TB (Sputum+)	6.29	16.90	26.64	1.39
		35 G5 Seikphyu	Malaria	ARI	Diarrhoeal	Dysentery	TB (sputum+)	2.36	14.23	19.92	0.57
	Magway	36 G6 Magway	Diarrhoea	ARI	Dysentery	Malaria	TB Suspect	13.47	27.50	34.15	0.54
		37 G7 Chauk	Diarrhoea	Dysentery	ARI	TB (suspected)	TB (Sputum+)	9.39	25.38	41.42	0.53
		38 G8 Yenangyaung	Diarrhoea	Dysentery	Malaria	ARI	TB Suspect	5.70	13.01	17.80	1.03
		39 G9 Natmauk	ARI	Diarrhoea	Dysentery	Malaria	TB (sputum+)	7.93	26.09	39.92	1.34
		40 G10 Myothit	ARI	Diarrhoea	Malaria	Dysentery	Snake Bite	6.92	22.18	38.57	0.68
		41 G11 Taungdwingyi	Diarrhoea	Malaria	ARI	Dysentery	TB (Sputum+)	18.07	49.94	74.74	1.65
	Minbu	42 G12 Minbu	Malaria	ARI	Diarrhoea	Dysentery	TB (Sputum+)	8.73	38.59	48.11	0.00
		43 G13 Pwintbyu	Malaria	ARI	Diarrhoea	Dysentery	Snake Bite	2.27	36.38	44.80	0.90
		44 G14 Salin	Malaria	Diarrhoea	ARI	Dysentery	TB (Sputum+)	5.32	46.21	62.62	2.16
		45 G15 Ngaphe	Malaria	ARI	Diarrhoea	Dysentery	Snake Bite	8.56	77.40	96.75	4.40
		Thayet	46 G16 Thayet	Malaria	ARI	Diarrhoea	TB(suspect)	TB (sputum+)	3.26	19.97	34.62
	47 G17 Mindon		Malaria	ARI	Diarrhoea	Dysentery	Viral Hepatitis	8.45	31.12	34.14	5.02
48 G18 Minhla	Malaria		ARI	Dysentery	Diarrhoea	TB (Sputum+)	2.96	38.01	53.74	0.44	
49 G19 Aunglan	Diarrhoea		ARI	Malaria	Snake Bite	TB (Sputum+)	5.71	25.73	38.15	0.71	
50 G20 Sinbaungwe	Malaria		Diarrhoea	ARI	Dysentery	Snake Bite	6.90	25.95	54.77	0.36	
51 G21 Kamma	Malaria		ARI	Dysentery	Diarrhoea	Snake Bite	5.38	8.51	9.36	0.85	
		Magway Average						7.18	31.07	44.37	1.41
		Study Area Average						7.39	27.05	38.45	1.53

Source: Health Management Information System (HMIS)

Note: ARI: Acute Respiratory Infection

TB(Sputum+) : Tuberculosis (Sputum)

Table-20
Health Indicators (Distribution of health
personnel by type 2004-2005)

Unit: Numbers

Division	District	Township	Type of Health Personnel (2004-2005)									
			Doctor	Nruese	Health Assistant	Lady Health Visitor	Health Staff-1	Health Staff-2	Midwife	Community Health Worker	Auxiliary Midwife	Trained birth Attendant
Sagaing	Sagaing	1 S1 Sagaing	13	27	6	6	5	9	40	131	84	52
		2 S2 Myinmu	6	4	4	6	3	4	26	57	43	4
		3 S3 Myaung	3	4	4	6	2	3	28	77	45	4
	Monywa	4 S4 Monywa	47	69	7	10	4	10	44	117	112	97
		5 S5 Chaung -U	5	4	1	4	3	8	24	106	63	6
		6 S6 Ayadaw	3	10	5	6	1	8	27	126	64	57
		7 S7 Budalin	3	4	5	5	2	7	26	157	107	75
		8 S8 Salingyi	3	4	4	5	2	7	27	67	83	34
		9 S9 Yinmabin	4	6	4	6	2	2	27	116	55	86
		10 S10 Pale	1	4	5	6	2	9	32	102	64	16
	Shwebo	11 S11 Shwebo	8	28	8	6	2	7	44	117	107	62
		12 S12 Taze	3	2	5	4	2	3	26	94	118	61
		13 S13 Wetlet	4	5	6	6	2	6	29	161	82	61
		14 S14 Khin- U	2	15	6	6	2	9	32	95	48	63
		15 S15 Ye- U	5	7	6	5	1	1	33	155	110	15
		16 S16 Tabayin	3	4	4	5	2	2	25	106	152	50
		17 S17 Kanbalu	6	13	7	7	3	2	42	186	168	47
Sagaing Average			7	12	5	6	2	6	31	116	89	46
Mandalay	Kyaukse	18 M1 Kyaukse	31	54	11	8	1	7	38	122	57	18
		19 M2 Myittha	5	13	5	8	2	5	40	171	84	28
		20 M3 Tada- U	2	9	4	6	1	3	27	95	107	38
	Myingyan	21 M4 Myingyan	19	25	9	8	4	9	50	98	57	43
		22 M5 Taungtha	3	1	5	7	3	0	38	122	103	63
		23 M6 Natogyi	4	0	3	7	4	3	33	112	85	24
		24 M7 Kyaukpadaung	4	18	7	10	2	7	50	347	190	117
		25 M8 Ngazun	3	4	5	7	3	9	37	95	70	20
	Meikhtila	26 M9 Meikhtila	44	30	7	9	3	12	49	310	155	79
		27 M10 Mahlaing	4	9	4	7	3	5	33	103	87	88
		28 M11 Thazi	4	9	4	7	2	6	34	182	129	56
		29 M12 Wundwin	3	1	5	8	3	8	38	186	89	80
	Nyaung- U	30 M13 Nyaung-U	16	41	7	11	4	12	50	143	127	72
Mandalay Average			11	16	6	8	3	7	40	160	103	56
Magway	Pakokku	31 G1 Pakokku	32	67	6	9	4	12	52	214	141	104
		32 G2 Pauk	2	5	5	6	2	2	34	99	134	0
		33 G3 Myaing	6	13	6	7	1	9	37	203	183	87
		34 G4 Yesagyo	10	21	4	8	2	12	36	159	88	105
		35 G5 Seikphyu	4	15	4	4	1	3	25	114	110	0
	Magway	36 G6 Magway	46	323	7	13	3	13	66	203	159	64
		37 G7 Chauk	7	10	7	10	3	15	55	152	136	42
		38 G8 Yenangyaung	10	12	7	7	2	5	42	157	95	17
		39 G9 Natmauk	4	6	6	7	2	8	39	136	158	89
		40 G10 Myothit	5	9	4	5	2	5	30	114	98	78
		41 G11 Taungdwingyi	5	8	6	7	2	9	38	207	168	75
	Minbu	42 G12 Minbu	16	16	7	8	1	9	38	91	79	60
		43 G13 Pwintbyu	4	6	5	6	1	5	36	116	78	41
		44 G14 Salin	7	13	5	8	2	3	46	156	362	0
		45 G15 Ngaphe	3	4	2	3	2	4	19	78	93	0
	Thayet	46 G16 Thayet	15	16	5	7	2	6	34	80	107	24
47 G17 Mindon		2	4	4	4	1	2	24	93	88	0	
48 G18 Minhla		4	4	4	5	2	2	29	123	119	0	
49 G19 Aunglan		12	18	5	7	2	9	41	137	156	102	
50 G20 Sinbaungwe		2	4	3	5	2	7	24	99	94	76	
51 G21 Kamma		1	4	5	4	2	3	29	125	119	34	
Magway Average			9	28	5	7	2	7	37	136	132	48
Average			9	20	5	7	2	6	36	136	110	49

Source:Health Management Information System (HMIS)

Table-21
Distribution of health facility by type, and bed
occupancy (2005)

Division	District	Township	Number																						
			Distance service General Hospital	District Hospital (200) Bedded	District Hospital (100) Bedded	District Hospital (150) Bedded	General Hospital (200) Bedded	General Hospital with Specialties (200) Bedded	NMCH, Maternal and Child Care	Myanmar Oil & Gas Enterprise Hospital (150)	National Basic and Development University Hospital (10) Bedded	No. (1) Kyauw Hospital (10) Bedded	Private Clinic	Private Clinic & Maternity Homes	PMU, Rural Health Centre	School Health Centre	Station Hospital	Sub Health Center	Township Hospital (16) Bedded	Township Hospital (25) Bedded	Township Hospital (50) Bedded	Urban Health Center	Ward Project Hospital (50) Bedded	Pharmacies	
Sagaing	Sagaing	1 S1 Sagaing							1							1									8
		2 S2 Myinmu							1					1	1		1	1							n.a
		3 S3 Myaung							1					1	1		1	1		1					n.a
	Monywa	4 S4 Monywa						1	1					1	1	1	1	1							60
		5 S5 Chaung-U							1					1	1		1	1		1					n.a
		6 S6 Ayadaw							1					1	1		1	1		1					n.a
		7 S7 Budalin							1					1	1		1	1		1					n.a
		8 S8 Salingyi							1				1	1		1	1		1						n.a
		9 S9 Yinmabin							1					1	1		1	1		1					n.a
		10 S10 Pale							1					1	1		1	1		1					n.a
	Shwebo	11 S11 Shwebo			1				1					1	1	1	1	1							31
		12 S12 Taze							1					1			1	1	1						n.a
		13 S13 Wetlet							1				1	1		1	1	1							n.a
		14 S14 Khin-U							1					1			1	1	1	1	1				n.a
		15 S15 Ye-U							1					1			1	1				1			n.a
		16 S16 Tabayin							1					1			1	1	1	1			1		n.a
		17 S17 Kanbalu							1					1	1		1	1				1			n.a
Sagaing Average				1			1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	33	
Mandalay	Kyaukse	18 M1 Kyaukse				1			1				1	1	1	1	1							7	
		19 M2 Myittha							1					1			1	1			1			n.a	
		20 M3 Tada-U							1				1	1	1	1	1			1				n.a	
	Myingyan	21 M4 Myingyan			1				1					1	1		1	1							14
		22 M5 Taungtha							1					1	1		1	1	1						5
		23 M6 Natogyi							1					1			1	1	1						n.a
		24 M7 Kyaukpadaung							1					1	1		1	1				1			14
		25 M8 Ngazun							1					1			1	1	1						n.a
	Meikhtila	26 M9 Meikhtila	1		1				1					1	1		1	1							11
		27 M10 Mahlaing							1					1	1	1	1	1			1				n.a
		28 M11 Thazi							1					1	1		1	1	1						n.a
		29 M12 Wundwin							1					1	1		1	1	1						n.a
	Nyaung-U	30 M13 Nyaung-U			1				1				1	1		1	1							8	
Mandalay Average		1		1	1			1				1	1	1	1	1	1	1	1	1	1	1	1	10	
Magway	Pakokku	31 G1 Pakokku		1				1					1	1	1	1	1				1	1		19	
		32 G2 Pauk						1						1			1	1	1					n.a	
		33 G3 Myaing						1						1			1	1	1					n.a	
		34 G4 Yesagyo						1						1	1		1	1			1			7	
		35 G5 Seikphyu							1					1			1	1	1						n.a
	Magway	36 G6 Magway					1		1					1	1	1	1	1							36
		37 G7 Chauk							1	1				1	1	1	1	1	1	1	1				n.a
		38 G8 Yenangyaung							1					1	1	1	1	1			1				n.a
		39 G9 Natmauk							1					1	1		1	1	1						n.a
		40 G10 Myothit							1					1			1	1	1						n.a
		41 G11 Taungdwingyi							1					1	1		1	1			1				9
	Minbu	42 G12 Minbu			1				1					1	1		1	1							10
		43 G13 Pwintbyu							1					1	1		1	1	1						n.a
		44 G14 Salin							1					1	1		1	1	1	1					n.a
		45 G15 Ngaphe							1					1			1	1	1						n.a
Thayet		46 G16 Thayet			1				1						1	1	1	1							n.a
	47 G17 Mindon							1					1			1	1	1						n.a	
	48 G18 Minhla							1					1			1	1	1						n.a	
	49 G19 Aunglan							1					1			1	1	1			1			9	
	50 G20 Sinbaungwe							1					1	1		1	1	1						n.a	
	51 G21 Kamma							1					1			1	1	1						n.a	
Magway Average			1	1		1		1	1			1	1	1	1	1	1	1	1	1	1	1	1	15	
Study Area Average			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	

Source: Health Management Information System (HMIS)
Township Peace and Development Council and Mandalay Directory

Table-22
Distribution of toilet by type

Unit: %

Division	District	Township	Type of Toilet (2004)	
			Sanitary Latrine	Others*
Sagaing	Sagaing	1 S1 Sagaing	91	9
		2 S2 Myinmu	87	13
		3 S3 Myaung	89	11
	Monywa	4 S4 Monywa	96	4
		5 S5 Chaung -U	85	15
		6 S6 Ayadaw	91	9
		7 S7 Budalin	88	12
		8 S8 Salingyi	93	7
		9 S9 Yinmabin	88	12
		10 S10 Pale	86	14
	Shwebo	11 S11 Shwebo	90	10
		12 S12 Taze	77	23
		13 S13 Wetlet	83	17
		14 S14 Khin- U	74	26
		15 S15 Ye- U	82	18
		16 S16 Tabayin	58	42
		17 S17 Kanbalu	84	16
Sagaing Average			85	15
Mandalay	Kyaukse	18 M1 Kyaukse	75	25
		19 M2 Myittha	88	12
		20 M3 Tada- U	83	17
	Myingyan	21 M4 Myingyan	46	54
		22 M5 Taungtha	72	28
		23 M6 Natogyi	90	10
		24 M7 Kyaukpadaung	100	0
		25 M8 Ngazun	60	40
	Meikhtila	26 M9 Meikhtila	84	16
		27 M10 Mahlaing	95	5
		28 M11 Thazi	85	15
	Nyaung- U	29 M12 Wundwin	92	8
		30 M13 Nyaung-U	97	3
Mandalay Average			82	18
Magway	Pakokku	31 G1 Pakokku	88	12
		32 G2 Pauk	58	42
		33 G3 Myaing	63	37
		34 G4 Yesagyo	61	39
		35 G5 Seikphyu	84	16
	Magway	36 G6 Magway	94	6
		37 G7 Chauk	90	10
		38 G8 Yenangyaung	97	3
		39 G9 Natmauk	85	15
		40 G10 Myothit	75	25
		41 G11 Taungdwingyi	73	27
	Minbu	42 G12 Minbu	79	21
		43 G13 Pwintbyu	100	0
		44 G14 Salin	89	11
		45 G15 Ngaphe	100	0
	Thayet	46 G16 Thayet	97	3
47 G17 Mindon		100	0	
48 G18 Minhla		80	20	
49 G19 Aunglan		97	3	
50 G20 Sinbaungwe		90	10	
51 G21 Kamma		65	35	
Magway Average			84	16
Study Area Average			84	16

Source:Health Management Information System (HMIS)

Remark: Distribution of toilet gathered at township level is not categorised by location (Others = Open pits + Non pits)

Others*= Open pit (or) without pit

Table-23
Population composition by share of ethnic minorities (2004)

Unit: Numbers

Division	District	Township	Population composition by type of ethnic minorities (2004)														
			Bamar	Chi	Rakhine	Shan	Kachin	Kayah	Kayin	Mon	Naga	Others	Chinese	Indian	Total		
Sagaing	Sagaing	1 S1 Sagaing	365,318	146	76	103	107	11	75	15	-	4,239	28	113	370,231		
		2 S2 Myinmu	154,275	13	10	20	20	12	3	3	-	-	6	-	154,362		
		3 S3 Myaung	171,175	-	-	-	-	-	-	-	-	-	-	-	171,175		
	Monywa	Monywa	4 S4 Monywa	690,768	159	86	123	127	23	78	18	-	4,239	34	113	695,768	
			5 S5 Chaung-U	383,352	256	220	301	53	-	170	-	-	-	22	37	384,411	
			6 S6 Ayadaw	130,803	47	6	56	1	-	-	-	-	-	-	-	130,913	
			7 S7 Budalin	227,476	1	-	-	1	-	1	-	-	-	-	-	227,479	
			8 S8 Salingyi	177,643	-	-	-	-	-	-	-	-	-	96	-	177,739	
			9 S9 Yinmabir	166,844	-	-	-	-	-	-	-	-	-	-	-	166,844	
			10 S10 Pale	162,375	-	-	-	-	-	-	-	-	-	-	-	162,375	
				170,842	1	-	-	1	-	-	-	-	-	-	-	170,844	
				1,419,335	305	226	358	55	-	171	-	-	-	-	118	37	1,420,605
			Shwebo	Shwebo	11 S11 Shwebo	325,961	496	35	188	85	10	45	15	-	-	-	-
	12 S12 Taze	202,839			-	-	-	-	-	-	-	-	-	-	-	202,839	
	13 S13 Wetlet	271,042			2	6	5	-	-	1	-	-	118	-	-	271,174	
	14 S14 Khin-U	182,503			6	-	9	5	-	2	1	-	-	-	-	182,526	
	15 S15 Ye-U	160,374			-	-	35	17	-	34	-	2	-	23	17	160,502	
16 S16 Tabayin	171,790	12			22	7	4	-	3	1	1	1	-	-	171,841		
17 S17 Kanbalu	290,053	15			8	6	9	6	19	-	-	26	-	-	290,142		
	1,604,562	531	71	250	120	16	104	17	3	145	23	17	1,605,859				
	3,714,665	995	383	731	302	39	353	35	3	4,384	175	167	3,722,232				
Mandalay	Kyaukse	18 M1 Kyaukse	229,291	175	382	238	72	1	133	83	-	8,548	-	-	238,923		
		19 M2 Myitha	214,757	60	76	174	54	3	167	13	-	1,240	-	-	216,544		
		20 M3 Tada-U	200,470	15	11	-	2	-	-	-	-	209	-	-	200,707		
	Myingyan	Myingyan	21 M4 Myingyan	644,518	250	469	412	128	4	300	96	-	9,997	-	-	656,174	
			22 M5 Taungtha	415,305	42	116	28	2	-	46	10	-	-	288	1,704	417,541	
			23 M6 Natogyi	334,435	7	-	-	-	-	4	-	-	-	5	29	334,480	
			24 M7 Kyaukpadaung	272,899	6	-	14	2	1	3	-	-	11	-	-	272,936	
			25 M8 Ngazun	377,531	36	100	28	8	-	24	4	-	-	10	-	377,741	
	Meikhtila	Meikhtila	26 M9 Meikhtila	220,571	6	9	-	-	-	-	-	-	1,669	1	-	222,256	
			27 M10 Mahlaing	1,620,741	97	225	70	12	1	77	14	-	1,680	304	1,733	1,624,954	
			28 M11 Thazi	431,052	208	870	669	640	37	946	292	-	14,312	-	-	449,026	
			29 M12 Wundwin	239,146	16	4	18	-	46	-	-	-	-	139	914	240,283	
			29 M12 Wundwin	220,411	51	71	8,307	39	10	76	22	-	8,036	-	-	237,023	
	Nyaung-U	Nyaung-U	30 M13 Nyaung-U	285,642	9	65	51	46	1	37	13	-	647	3	16	286,530	
				1,176,251	284	1,010	9,045	725	94	1,059	327	-	22,995	142	930	1,212,862	
		326,040	10	43	60	7	2	27	-	-	-	-	-	-	326,189		
	326,040	10	43	60	7	2	27	-	-	-	-	-	-	326,189			
	3,767,550	641	1,747	9,587	872	101	1,463	437	-	34,672	446	2,663	-	3,820,179			
Magway	Pakokku	31 G1 Pakokku	402,379	179	135	60	33	-	77	20	-	-	42	56	402,981		
		32 G2 Pauk	200,168	25	-	2	-	-	1	-	-	-	-	-	200,196		
		33 G3 Myaing	328,021	21	-	-	-	-	-	-	-	-	-	-	328,042		
		34 G4 Yesogyo	330,417	60	119	50	70	20	50	65	-	-	2	5	330,858		
		35 G5 Seikphyu	120,920	21	3	-	-	-	-	-	-	-	-	-	120,944		
	Magway	Magway	36 G6 Magway	1,381,905	306	257	112	103	20	128	85	-	-	44	61	1,383,021	
			37 G7 Chauk	359,745	157	98	177	83	58	162	-	-	195	92	30	360,797	
			38 G8 Yenangaung	294,804	-	-	-	-	-	-	-	-	-	-	-	294,804	
			39 G9 Natmauk	232,520	27	7	15	8	-	46	11	-	-	301	1,973	234,908	
			40 G10 Myothit	291,942	5	4	-	9	1	1	25	-	-	2	71	292,060	
			41 G11 Taungdwingyi	193,811	35	12	-	-	1	-	2	-	-	-	7	193,868	
				295,625	5,123	132	30	6	11	96	-	-	-	225	112	301,360	
	Minbu	Minbu	42 G12 Minbu	1,668,447	5,347	253	222	106	71	305	38	-	195	620	2,193	1,677,797	
			43 G13 Pwintbyu	211,730	1,036	62	-	-	-	-	-	-	-	-	-	212,828	
			44 G14 Salin	195,577	11	60	42	5	1	15	1	-	11,342	-	-	207,054	
			45 G15 Ngaphe	298,955	585	2	32	10	7	9	18	-	-	-	-	299,618	
				39,852	11,853	111	4	4	-	3	-	-	-	-	-	51,827	
	Thayet	Thayet	46 G16 Thayet	746,114	13,485	235	78	19	8	27	19	-	11,342	-	-	771,327	
			47 G17 Mindon	142,340	1,453	-	-	-	-	-	-	-	-	-	-	143,793	
			48 G18 Minhla	77,147	7,233	9	-	3	-	11	-	-	4	-	-	84,407	
			49 G19 Aunglan	138,596	6,588	4	10	-	2	14	1	-	-	-	-	145,215	
			50 G20 Sinbaungwe	267,459	4,389	-	-	-	-	42	-	-	-	-	-	271,890	
			51 G21 Kamma	135,397	344	-	-	1	-	5	-	-	-	-	-	135,747	
	101,459	3,350	-	-	-	-	27	-	-	-	-	-	-	104,836			
	862,398	23,357	13	10	4	2	99	1	-	4	-	-	-	885,888			
	4,658,864	42,495	758	422	232	101	559	143	-	11,541	664	2,254	-	4,718,033			
	Total	12,141,079	44,131	2,888	10,740	1,406	241	2,375	615	3	50,597	1,285	5,084	12,260,444			

Source:Township Profile, Township Peace and Development Council

Table-24
Distribution of employed population by occupation
(2005)

Unit: Numbers

Division	District	Township	Non-Farm					Farm			Total
			Industrial Labor	Government Employee	Casual Labor	Other Labor	Total	Farmer	Livestock Breeder	Total	
Sagaing	Sagaing	1 S1 Sagaing	214	3,005	-	2,154	5,373	5,271	254	5,525	10,898
		2 S2 Myinmu	154	1,622	-	15	1,791	11,165	-	11,165	12,956
		3 S3 Myaung	n.a	n.a	n.a	n.a	-	18,057	n.a	18,057	18,057
			368	4,627	-	2,169	7,164	34,493	254	34,747	41,911
	Monywa	4 S4 Monywa	43,319	3,504	-	77,513	124,336	75,048	10,475	85,523	209,859
		5 S5 Chaung-U	n.a	n.a	n.a	n.a	-	n.a	n.a	-	-
		6 S6 Ayadaw	-	1,484	10,541	58,495	70,520	13,654	203	13,857	84,377
		7 S7 Budalin	n.a	n.a	n.a	n.a	-	2,363	n.a	2,363	2,363
		8 S8 Salingyi	n.a	n.a	n.a	n.a	-	6,899	n.a	6,899	6,899
		9 S9 Yinmabin	n.a	n.a	n.a	n.a	-	97,104	n.a	97,104	97,104
		10 S10 Pale	n.a	n.a	n.a	n.a	-	12,528	n.a	12,528	12,528
			43,319	4,988	10,541	136,008	194,856	207,596	10,678	218,274	413,130
	Shwebo	11 S11 Shwebo	-	3,241	34,720	29,120	67,081	195,547	3,670	199,217	266,298
		12 S12 Taze	n.a	n.a	n.a	n.a	-	23,403	n.a	23,403	23,403
		13 S13 Wetlet	1,353	2,296	-	7,033	10,682	122,272	5,733	128,005	138,687
		14 S14 Khin-U	183	1,471	-	375	2,029	15,850	152	16,002	18,031
		15 S15 Ye-U	-	1,930	-	-	1,930	7,915	-	7,915	9,845
16 S16 Tabayin		-	1,393	5,199	2,553	9,145	22,386	-	22,386	31,531	
17 S17 Kanbalu		-	2,610	11,034	1,205	14,849	42,361	394	42,755	57,604	
		1,536	12,941	50,953	40,286	105,716	429,734	9,949	439,683	545,399	
		45,223	22,556	61,494	178,463	307,736	671,823	20,881	692,704	1,000,440	
Mandalay	Kyaukse	18 M1 Kyaukse	3,095	8,977	-	38,599	50,671	19,171	-	19,171	69,842
		19 M2 Myittha	411	4,317	104,727	-	109,455	35,551	-	35,551	145,006
		20 M3 Tada-U	1,275	1,637	59,806	-	62,718	137,991	-	137,991	200,709
			4,781	14,931	164,533	38,599	222,844	192,713	-	192,713	415,557
	Myingyan	21 M4 Myingyan	14,322	4,872	-	64,190	83,384	163,033	-	163,033	246,417
		22 M5 Taungtha	38	2,451	-	20	2,509	46,915	-	46,915	49,424
		23 M6 Natogyi	-	2,496	106,187	-	108,683	164,255	-	164,255	272,938
		24 M7 Kyaukpadaung	2,450	3,905	-	1,325	7,680	167,920	-	167,920	175,600
		25 M8 Ngazun	-	1,792	-	9,780	11,572	78,250	-	78,250	89,822
			16,810	15,516	106,187	75,315	213,828	620,373	-	620,373	834,201
	Meikhtila	26 M9 Meikhtila	34,290	19,973	-	-	54,263	199,618	-	199,618	253,881
		27 M10 Mahlaing	87	5,730	-	29,826	35,643	30,072	174	30,246	65,889
		28 M11 Thazi	n.a	n.a	n.a	n.a	-	9,831	n.a	9,831	9,831
			16,397	2,810	-	16,753	35,960	33,969	-	33,969	69,929
	Nyaung-U	29 M12 Wundwin	50,774	28,513	-	46,579	125,866	273,490	174	273,664	399,530
		30 M13 Nyaung-U	-	4,099	-	345	4,444	16,538	47,097	63,635	68,079
			-	4,099	-	345	4,444	16,538	47,097	63,635	68,079
		72,365	63,059	270,720	160,838	566,982	1,103,114	47,271	1,150,385	1,717,367	
Magway	Pakokku	31 G1 Pakokku	675	4,895	30,528	-	36,098	29,789	-	29,789	65,887
		32 G2 Pauk	n.a	n.a	n.a	n.a	-	23,171	n.a	23,171	23,171
		33 G3 Myaing	n.a	n.a	n.a	n.a	-	40,064	n.a	40,064	40,064
		34 G4 Yesagy	-	2,266	47,719	-	49,985	35,970	-	35,970	85,955
		35 G5 Seikphyu	115	1,113	-	-	1,228	1,600	-	1,600	2,828
			790	8,274	78,247	-	87,311	130,594	-	130,594	217,905
	Magway	36 G6 Magway	n.a	n.a	n.a	n.a	-	n.a	n.a	-	-
		37 G7 Chauk	n.a	n.a	n.a	n.a	-	n.a	n.a	-	-
		38 G8 Yenangyaung	n.a	n.a	n.a	n.a	-	13,392	n.a	13,392	13,392
		39 G9 Natmauk	-	1,912	87,628	-	89,540	49,191	-	49,191	138,731
		40 G10 Myothit	-	1,915	49,013	3,665	54,593	31,056	-	31,056	85,649
		41 G11 Taungdwingyi	123	n.a	2,845	1,247	4,215	22,476	24	22,500	26,715
			123	3,827	139,486	4,912	148,348	116,115	24	116,139	264,487
	Minbu	42 G12 Minbu	433	2,807	29,912	-	33,152	66,750	2,725	69,475	102,627
		43 G13 Pwintbyu	2,370	1,982	22,128	-	26,480	47,650	769	48,419	74,899
		44 G14 Salin	142	2,689	325	-	3,156	88,961	49,042	138,003	141,159
		45 G15 Ngaphe	75	824	5,403	-	6,302	6,849	-	6,849	13,151
				3,020	8,302	57,768	-	69,090	210,210	52,536	262,746
	Thayet	46 G16 Thayet	4,000	2,000	28,128	-	34,128	18,999	499	19,498	53,626
		47 G17 Mindon	-	1,022	6,984	-	8,006	19,432	214	19,646	27,652
		48 G18 Minhla	1,132	4,786	38,960	-	44,878	48,900	1,110	50,010	94,888
49 G19 Aunglan		1,763	2,483	-	-	4,246	1,166	-	1,166	5,412	
50 G20 Sinbaungwe		339	1,233	-	505	2,077	14,827	969	15,796	17,873	
51 G21 Kamma		332	1,098	39,004	-	40,434	19,607	-	19,607	60,041	
		7,566	12,622	113,076	505	133,769	122,931	2,792	125,723	259,492	
		11,499	33,025	388,577	5,417	438,518	579,850	55,352	635,202	1,073,720	
Total			129,087	118,640	720,791	344,718	1,313,236	2,354,787	123,504	2,478,291	3,791,527

Source: Township Profile, Township Peace and Development Council

Table-25
Area of township (2005)

Division	District	Township	1,000 Acre	Ha	
Sagaing	Sagaing	1 S1 Sagaing	310	125,457	
		2 S2 Myinmu	191	77,298	
		3 S3 Myaung	111	44,922	
			Total	612	247,676
	Monywa	Monywa	4 S4 Monywa	170	68,799
			5 S5 Chaung -U	120	48,564
			6 S6 Ayadaw	302	122,219
			7 S7 Budalin	265	107,246
			8 S8 Salingyi	168	67,990
			9 S9 Yinmabin	232	93,890
			10 S10 Pale	392	158,642
			Total	1,649	667,350
	Shwebo	Shwebo	11 S11 Shwebo	264	106,841
			12 S12 Taze	458	185,353
			13 S13 Wetlet	329	133,146
			14 S14 Khin- U	256	103,603
			15 S15 Ye- U	357	144,478
16 S16 Tabayin			327	132,337	
17 S17 Kanbalu			1,024	414,413	
		Total	3,015	1,220,171	
		Total	5,276	2,135,197	
Mandalay	Kyaukse	18 M1 Kyaukse	464	187,781	
		19 M2 Myittha	219	88,629	
		20 M3 Tada- U	233	94,295	
			Total	916	370,705
	Myingyan	Myingyan	21 M4 Myingyan	240	97,128
			22 M5 Taungtha	325	131,528
			23 M6 Natogyi	308	124,648
			24 M7 Kyaukpadaung	485	196,280
			25 M8 Ngazun	228	92,272
			Total	1,586	641,854
	Meikhtila	Meikhtila	26 M9 Meikhtila	304	123,029
			27 M10 Mahlaing	274	110,888
			28 M11 Thazi	504	203,969
29 M12 Wundwin			348	140,836	
		Total	1,430	578,721	
Nyaung- U	Nyaung- U	30 M13 Nyaung-U	367	148,525	
		Total	367	148,525	
		Total	4,299	1,739,805	
Magway	Pakokku	31 G1 Pakokku	311	125,862	
		32 G2 Pauk	614	248,486	
		33 G3 Myaing	503	203,564	
		34 G4 Yesagyo	247	99,961	
		35 G5 Seikphyu	376	152,167	
			Total	2,051	830,040
	Magway	Magway	36 G6 Magway	436	176,449
			37 G7 Chauk	245	99,152
			38 G8 Yenangyaung	249	100,770
			39 G9 Natmauk	570	230,679
			40 G10 Myothit	392	158,642
			41 G11 Taungdwingyi	486	196,684
			Total	2,378	962,377
	Minbu	Minbu	42 G12 Minbu	411	166,332
			43 G13 Pwintbyu	301	121,815
			44 G14 Salin	571	231,084
			45 G15 Ngaphe	324	131,123
		Total	1,607	650,353	
Thayet	Thayet	46 G16 Thayet	294	118,982	
		47 G17 Mindon	631	255,366	
		48 G18 Minhla	586	237,154	
		49 G19 Aunglan	661	267,507	
		50 G20 Sinbaungwe	506	204,778	
		51 G21 Kamma	285	115,340	
		Total	2,963	1,199,126	
		Total	8,999	3,641,895	
		Total	18,574	7,516,898	

Source:Land Use Division MAS

Table-26
Soil Type and Soil Characteristics

Soil Type	Land form	Soil Depth*	Texture	Soil pH	Plant Nutrient**			Class	Suitable crops	Landuse type	Amelioratic measures required	
					N	P	K					
1	Meadow Alluvial Soils (Gleysol)	Plain	Thick	Silty clay, Clay	6.0-8.0	M	L	H	Fair	Rice, Veg., Pulses, Cotton, Sesame, Maize, Sugarcane	Rice land, Kaing	Mineral fertilizer application
2	Meadow Carbonate Soils (Gleysol)	Plain	Thick	Clay loam, Clay	7.5-8.5	L	L	M	Fair	Chilli, Pelses, Sorghum, Rice, Cotton	Rice land	Moderate amount of organic matter and fertilizer application
3	Red Brown Forest Soils (Rhodic Ferralsol)	Hilly	Med	Clay loam, Sandy loam	5.0-6.5	M	L	M	Fair	Forest	Forest	Soil and forest conservation
4	Yellow Brown Forest Soils (Xanthic Ferralsol)	Hill & Slope	Med	Clay loam, Silty loam, Sandy clay	5.0-6.0	M	L	M	Fair	Forest, Orchard	Forest	Soil and forest conservation
5	Yellow Brown Dry Forest and Indaing (Xanthic Ferralsol)	Hill & Slope	Med	Sandy loam, Clay loam	6.5	L	L	M	Fair	Forest, Orchard	Forest, Upland	Wind erosion control & forest conservation
6	Light Forest Soils (Nitosol)	Hill & Slope	Med	Sandy loam, Clay loam	6.5	L	L	M	Fair	Forest, Orchard	Forest, Upland	Soil and forest conservation
7	Catena of Savanna Soils on slopes & Compact Soils in Depretion (Luvisol)	Undulating upland plain	Thick	Sandy loam, Clay	7.5-8.5	M	L	M	Good	Rice, Veg., Pulses, Cotton, Sorgum, Sugarcane	Upland, Rice land	Organic & mineral fertilizer application, High amount of mineral and organic matter
8	Compact Soils (Vertisol)	Plain	Thick	Clay	7.5-8.5	M	L	M	Fair	Rice, Veg., Pulses, Cotton, Sorgum, Sugarcane	Upland, Rice land	Drainage & Irrigation, Mderate amount of fertilizer application
9	Mountainous Red Forest Soils (Histic Cambisol and Chromic Cambisol)	Steeply dissected	Med	Sandy loam clay with gravel	5.0-5.5	M	L	H	Good	Forest	Forest	Forest and soil conservation
10	Chin Hill Complex Soils (Ferralic Cambisol)	Steeply dissected	Med	Sandy loam, Clay with gravel	4.5-6.5	L	L	L	Fair	Forest	Forest	Forest and soil conservation
11	Popa Complex Soils (Andosol)	Steeply dissected	Med	Clay loam, Clay	5.0-7.0				Fair	Forest	Forest	Forest and soil conservation
12	Turfy Primitive Soils (Lithosol)	Hill & Slope									Forest	Forest and soil conservation
13	Primitive Crushed Stones Soils	Hilly	Med	Loam, Clay						Pasture	Pasture	Soil conservation, Pasture establishment

*: Soil depth Thick: >36 inches, Medium: 20 - 36 inches, Thin: <20 inches

** : Nitrogen H: >6 mg/100 g soil, M: 4-6 mg/100 g soil, L: <4 mg/100 g soil

Phosphorus H: >10 mg/100 g soil, M: 5-10 mg/100 g soil, L: <5 mg/100 g soil

Potassium H: >20 mg/100 g soil, M: 10-20 mg/100 g soil, L: <10 mg/100 g soil

Source: Soil Type and Characteristics of Myanmar by MOA

Table-27
Soil distribution

Unit: 1,000 Acre

Division	District	Township	Soil Type								Total	
			Meadow Alluvial Soils (Gleysol)	Meadow Carbonate Soils (Gleysol)	Catena of Savanna Soils on slopes & Compact Soils in Depretion (Luvisol)	Compact Soils (Vertisol)	Turfy Primitive Soils (Lithosol)	Primitive Crushed Stones Soils	Light Forest Soils (Nitisol)	Yellow Brown Dry Forest and Indaing (Xanthic Ferralsol)		Other
Sagaing	Sagaing	1 S1 Sagaing	-	66	189	5	-	12	-	-	38	310
		2 S2 Myinmu	-	12	102	2	-	8	-	-	67	191
		3 S3 Myaung	31	8	60	-	2	-	-	-	10	111
	Monywa	4 S4 Monywa	8	4	-	137	-	-	21	-	-	170
		5 S5 Chaung-U	-	33	65	-	-	20	-	-	2	120
		6 S6 Ayadaw	2	326	321	1	-	20	166	-	200	1,036
		7 S7 Budalin	-	-	190	-	1	70	-	-	4	265
		8 S8 Salingyi	2	3	41	70	27	20	-	-	5	168
		9 S9 Yinmabin	-	6	59	147	-	2	12	-	2,095	2,321
		10 S10 Pale	-	2	4	108	43	-	234	-	1	392
	Shwebo	11 S11 Shwebo	12	374	680	463	71	132	433	-	2,307	4,472
		12 S12 Taze	14	12	92	102	-	-	-	15	29	264
		13 S13 Wetlet	16	102	98	28	-	-	-	-	214	458
		14 S14 Khin-U	12	32	104	135	-	1	-	7	38	329
		15 S15 Ye-U	8	69	134	33	7	-	-	-	5	256
		16 S16 Tabayin	8	5	-	42	-	-	-	-	302	357
		17 S17 Kanbalu	12	7	22	115	-	5	-	-	166	327
		-	-	252	-	-	49	-	-	1	302	
		70	227	702	455	7	55	-	22	755	2,293	
		113	687	1,733	925	80	207	433	22	3,177	7,377	
Mandalay	Kyaukse	18 M1 Kyaukse	-	-	37	78	-	-	70	278	1	464
		19 M2 Myittha	-	-	16	121	-	-	69	10	3	219
		20 M3 Tada-U	15	-	116	86	-	4	-	10	2	233
	Myingyan	21 M4 Myingyan	15	-	169	285	-	4	139	298	6	916
		22 M5 Taungtha	-	-	174	8	-	4	-	10	2	198
		23 M6 Natogyi	-	-	256	8	25	33	-	-	3	325
		24 M7 Kyaukpadaung	-	-	200	77	-	-	28	-	3	308
		25 M8 Ngazun	12	-	170	62	9	173	57	-	2	485
	Meikhtila	26 M9 Meikhtila	1	10	86	-	-	47	-	-	84	228
		27 M10 Mahlaing	13	10	886	155	34	257	85	10	94	1,544
		28 M11 Thazi	12	52	192	4	43	43	-	-	-	346
		29 M12 Wundwin	-	-	217	14	25	16	-	-	2	274
	Nyaung-U	30 M13 Nyaung-U	17	127	-	-	63	-	92	203	2	504
			-	8	40	149	8	33	87	20	3	348
			29	187	449	167	139	92	179	223	7	1,472
	57	197	1,504	607	173	353	403	531	107	3,932		
	57	197	1,504	607	173	353	403	531	107	3,932		
		114	394	3,008	1,214	346	706	806	1,062	214	7,864	
Magway	Pakokku	31 G1 Pakokku	8	-	161	8	16	75	40	-	3	311
		32 G2 Pauk	-	49	-	-	36	168	-	360	1	614
		33 G3 Myaing	-	-	301	26	105	42	12	-	17	503
		34 G4 Yesagyoy	40	12	139	10	-	-	12	-	34	247
		35 G5 Seikphyu	1	2	17	-	-	342	-	-	14	376
	Magway	36 G6 Magway	49	63	618	44	157	627	64	360	69	2,051
		37 G7 Chauk	67	2	133	-	-	170	12	-	52	436
		38 G8 Yenangyaung	1	-	118	-	14	66	-	-	46	245
		39 G9 Natmauk	40	-	124	-	-	74	-	-	6	249
		40 G10 Myothit	18	-	471	1	6	57	12	1	4	570
		41 G11 Taungdwingyi	38	38	131	-	-	10	76	96	3	392
	Minbu	42 G12 Minbu	69	73	11	-	13	29	140	19	132	486
		43 G13 Pwintbyu	233	113	988	1	33	406	240	121	243	2,378
		44 G14 Salin	10	39	73	-	110	86	59	-	34	411
		45 G15 Ngaphe	32	98	92	1	36	36	-	-	6	301
			53	55	97	36	-	48	105	-	3	397
	Thayet	46 G16 Thayet	-	-	81	-	47	6	15	168	7	324
47 G17 Mindon		95	192	343	37	193	176	179	168	50	1,433	
48 G18 Minhla		28	37	61	-	91	4	25	26	22	294	
49 G19 Aunglan		-	53	25	-	113	4	-	426	10	631	
50 G20 Sinbaungwe		16	60	-	-	16	122	148	99	7	468	
51 G21 Kamma		34	64	41	-	33	180	1	87	1	441	
	11	7	68	10	27	299	20	50	14	506		
	19	58	-	-	73	1	-	85	49	285		
	108	279	195	10	353	610	194	773	103	2,625		
		485	647	2,144	92	736	1,819	677	1,422	465	8,487	
Total			712	1,728	6,885	2,231	1,162	2,732	1,916	2,506	3,856	23,728

Source: MAS Land Use Division

Table-28
Land type (1)

Unit: 1,000 Acre

Division	District	Township	Land Type Map										
			I	II	III	IV	V	VI	VII	VIII	IX	X	
Sagaing	Sagaing	1 S1 Sagaing	13	20	15	51	80		30				209
		2 S2 Myinmu	4			28	122						154
		3 S3 Myaung	25			23	42						90
				42	20	15	102	244	-	30	-	-	453
	Monywa	4 S4 Monywa	6			60	32						98
		5 S5 Chaung-U	18	10	3		43	5	8	10			97
		6 S6 Ayadaw	5			204				31			240
		7 S7 Budalin	1	5		170				43			219
		8 S8 Salingyi	5				96			6			107
		9 S9 Yinmabin	6	10	2	112					12		142
		10 S10 Pale		2	5	96				40			143
			41	27	10	642	171	5	8	130		-	1,046
	Shwebo	11 S11 Shwebo	2		1	168				18			189
		12 S12 Taze	1	10	5	51			30		20	30	147
		13 S13 Wetlet	2			147				97			246
		14 S14 Khin-U	10			105	34			50			199
		15 S15 Ye-U	2	10	20	32	15			26			105
16 S16 Tabayin					110	66			10			186	
17 S17 Kanbalu		2		1	133	229						365	
		19	20	27	746	344	-	30	201		30	1,437	
		102	67	52	1,490	759	5	68	331		30	2,936	
Mandalay	Kyaukse	18 M1 Kyaukse		70	7	4	31						112
		19 M2 Myittha		100	10	20							130
		20 M3 Tada-U	15	129		10							154
			15	299	17	34	31	-	-	-	-	-	396
	Myingyan	21 M4 Myingyan	2	130		18	16						166
		22 M5 Taungtha	3	45		150	18	20					236
		23 M6 Natogyi		110		120		2					232
		24 M7 Kyaukpadaung	12			190		30			15	20	267
		25 M8 Ngazun		20		106	21						147
			17	305	-	584	55	52	-	-		20	1,048
	Meikhtila	26 M9 Meikhtila		44		63	50						157
		27 M10 Mahlaing				100	75	5					180
		28 M11 Thazi		50	13						110		173
29 M12 Wundwin			130	15	50			10		10		215	
		-	224	28	213	75	55	10	-	-	-	725	
Nyaung-U	30 M13 Nyaung-U	15	70		100	38						223	
		15	70	-	100	38	-	-	-	-	-	223	
		47	898	45	931	199	107	10	-	-	20	2,392	
Magway	Pakokku	31 G1 Pakokku		25		116							141
		32 G2 Pauk		4	8	95							107
		33 G3 Myaing			35	241							276
		34 G4 Yesagyo		36	19	66							121
		35 G5 Seikphyu		4	16	62							82
			-	69	78	580	-	-	-	-	-	-	727
	Magway	36 G6 Magway		5	4	192							201
		37 G7 Chauk	2		5	130							137
		38 G8 Yenangyaung		8	5	83							96
		39 G9 Natmauk			25	261	12						298
		40 G10 Myothit	3	13	40	92	5						153
		41 G11 Taungdwingyi			156	12		148					316
			5	26	235	770	17	148	-	-	-	-	1,201
	Minbu	42 G12 Minbu	2	15	32	77		51					177
		43 G13 Pwintbyu	3	30	64	20	2	15					134
44 G14 Salin			35	55	76	4						170	
45 G15 Ngaphe				10	8	2						20	
			5	80	161	181	8	66	-	-	-	-	501
Thayet	46 G16 Thayet	16		12	12	5						45	
	47 G17 Mindon	17		5		6						28	
	48 G18 Minhla	10		5	20	25						60	
	49 G19 Aunglan	24		18	40	50						132	
	50 G20 Sinbaungwe				45	35						80	
	51 G21 Kamma	22	5	19								46	
		89	5	59	117	121	-	-	-	-	-	391	
		99	180	533	1,648	146	214	-	-	-	-	2,820	

Source: MAS Land Use Division

Note: for the CDZ area, most of soil problem area are code IV, V

- Unit I Deposit
- Unit II Alluvial
- Unit III Terrace
- Unit IV Footplain
- Unit V Plateau
- Unit VI Dissected Plateau
- Unit VII Bad Land
- Unit VIII Bad Land
- Unit IX Bad Land
- Unit X Upland Plateau

Table-29
Land type (2)

Legends	Landform	Slope%	Soil depth	Texture	Erosion	Fertility Status	Land Use (at present)	CDZ The sign of (Three Division)		
								Magway	Mandalay	Sagaing
II	Alluvial	0-1	M	1,2	O	Good	A+R	II	I	I
IV	Foot plain	0-2	D	2,3	S	Good	A+R	IV	II	VI
III	Terrace	0-1	M	2	S	Medium	A+R	III	I	II
I	Deposit	2-5	M,D	2	S	Medium	A	I	III	III
V	Plateau	2-5	S	1,2	R,G	Medium	A	-	IV	IV
VI	Dissected plateau	2-10	S	2	G	Medium/ Bad	A+P	V	V	V
VII	Bad land	5-15	S	1	G	Bad	F	VI	VIII	VII
VIII	Bad land	10-20	S	1	G	Bad	F	VII	IX	IX
IX	Bad land	15-30	S	1	G	Bad	F	VIII	IX	X
X	Upland Plateau	2-10	S	1,2	S,R	Medium	A+P	IX	VI	VIII

Soil depth : M = Moderate, D= Deep, S = Shallow

Texture 1. Sand , Loamy sand 2. Sandy Loam , Loam, Silty Loam, Clay Loam, Sandy Clay Loam, Silty Clay Loam

Erosion: S= Sheet erosion O= No erosion R= Rill erosion G= Gully erosion

Land Use: A= Annual Crops R= Rice F= Forest P= Perennial Crops

Source: MAS Land Use Division

Table-30
Annual precipitation

Division	District	Township	Precipitation (inches)					Average (inches)
			2001	2002	2003	2004	2005	
Sagaing	Sagaing	1 S1 Sagaing	24.3	36.8	27.5	28.8	19.4	27.4
		2 S2 Myinmu	26.0	27.0	33.2	25.8	22.0	26.8
		3 S3 Myaung	10.4	14.1	30.7		13.5	17.2
		Average	20.3	26.0	30.5	27.3	18.3	24.3
	Monywa	4 S4 Monywa	22.0	33.7	32.1	32.4	26.3	29.3
		5 S5 Chaung -U	21.9	26.3	19.4	6.4	20.6	18.9
		6 S6 Ayadaw		36.7	40.5	31.4	25.6	33.5
		7 S7 Budalin	24.4	39.0	36.4	34.1	23.0	31.4
		8 S8 Salingyi			27.0	31.8	30.8	29.8
		9 S9 Yinmabin	29.9	41.9	37.9	39.5	24.8	34.8
	Shwebo	10 S10 Pale	30.1	47.3	48.3	43.8	29.8	39.9
		Average	25.7	37.5	34.5	31.3	25.8	31.1
		11 S11 Shwebo	47.2	30.2	34.9	24.3	24.3	32.2
		12 S12 Taze	37.8	31.0	29.2	51.1	19.7	33.8
		13 S13 Wetlet		45.7	38.9	45.3	21.7	37.9
		14 S14 Khin- U	31.6	48.4	29.2	31.6	13.7	30.9
		15 S15 Ye- U	36.6	39.5	34.9	51.5	22.6	37.0
Average	16 S16 Tabayin	38.8	41.3	37.0	48.6	18.9	36.9	
	17 S17 Kanbalu	38.6	33.3	30.1	48.8	26.6	35.5	
	Average	38.4	38.5	33.5	43.0	21.1	34.8	
	Average	30.0	35.8	33.4	36.0	22.5	31.5	
Mandalay	Kyaukse	18 M1 Kyaukse	33.3	39.2	27.3	27.2	63.5	38.1
		19 M2 Myittha	29.6	26.5	28.0	24.5	25.7	26.8
		20 M3 Tada- U	29.5	28.8	36.9	37.0	15.0	29.4
		Average	30.8	31.5	30.7	29.6	34.7	31.5
	Myingyan	21 M4 Myingyan			27.4	29.7	22.8	26.6
		22 M5 Taungtha	22.5	27.8	26.8	23.8	20.2	24.2
		23 M6 Natogyi	24.9	32.6	24.2	20.0	28.9	26.1
		24 M7 Kyaukpadaung	37.0	36.2	28.4	30.2	25.9	31.5
		25 M8 Ngazun	24.4	34.9	31.7	22.1	22.0	27.0
	Meikhtila	26 M9 Meikhtila	27.2	32.9	27.7	25.2	24.0	27.1
		27 M10 Mahlaing	40.0	33.5	24.8	27.6	40.4	33.3
		28 M11 Thazi	28.8	35.1	37.2	36.1	38.7	35.2
		29 M12 Wundwin	31.0	32.5	24.1	26.0	34.2	29.5
Nyaung- U	30 M13 Nyaung-U	31.8	32.9	23.6	21.3	35.6	29.0	
	Average	32.9	33.5	27.4	27.7	37.2	31.8	
	Average	22.2	33.7	31.9	28.1	24.5	28.1	
	Average	22.2	33.7	31.9	28.1	24.5	28.1	
	Average	29.6	32.8	28.6	27.2	30.6	29.7	
Magway	Pakokku	31 G1 Pakokku	18.4	29.7	23.1	27.6	26.5	25.1
		32 G2 Pauk	51.2	52.3	42.7	38.5	36.0	44.1
		33 G3 Myaing	27.2	40.3	25.6	30.4	19.4	28.6
		34 G4 Yesagyio	17.1	26.8	21.6	19.7	17.2	20.5
		35 G5 Seikphyu	24.3	34.1	19.4	20.7	17.4	23.2
	Magway	36 G6 Magway	27.6	36.6	26.5	27.4	23.3	28.3
		37 G7 Chauk	35.8	41.9	34.8	32.8	37.9	36.6
		38 G8 Yenangyaung	23.1	28.8	20.9	22.5	17.9	22.6
		39 G9 Natmauk	21.0	25.9	23.5	21.0	24.5	23.2
		40 G10 Myothit	37.0	40.4	29.9	31.1	37.3	35.2
		41 G11 Taungdwingyi	33.5	36.1	31.2	34.2	32.0	33.4
	Minbu	42 G12 Minbu	27.2	36.4	35.3	32.2	52.0	36.6
		43 G13 Pwintbyu	29.6	34.9	29.3	29.0	33.6	31.3
		44 G14 Salin	35.5	30.2	25.6	33.8	30.6	31.1
		45 G15 Ngaphe	30.3	29.5	28.5	38.5	30.0	31.3
Average		22.3	26.6	18.8	25.3	22.3	23.1	
Thayet	46 G16 Thayet	46.1	44.3	40.9	45.1	56.8	46.6	
	47 G17 Mindon	33.5	32.7	28.4	35.7	34.9	33.0	
	48 G18 Minhla	31.7	40.5	31.7	40.5	46.6	39.6	
	49 G19 Aunglan	44.1	36.4	44.0	53.4	44.8	47.4	
	50 G20 Sinbaungwe	34.6	51.8	28.0	40.6	26.5	35.1	
	51 G21 Kamma	34.6	51.8	28.0	35.7	42.3	38.5	
	Average	3.0		21.4	21.4	35.2	19.9	
	Average	38.5	42.5	22.7	29.4	31.6	33.0	
	Average	30.1	43.6	30.9	36.8	37.8	35.6	
	Average	30.0	36.3	28.8	32.1	32.6	31.9	
Total			29.9	35.2	30.3	32.1	28.7	31.2

Source:Township Profile, TPDC, Various reports from Township MAS, Township Irrigation Department,

Table-30
Annual precipitation

Division	District	Township	Precipitation (mm)					Average (mm)
			2001	2002	2003	2004	2005	
Sagaing	Sagaing	1 S1 Sagaing	618	934	698	732	492	695
		2 S2 Myinmu	661	685	844	655	558	681
		3 S3 Myaung	265	359	779		344	437
		Average	515	659	774	693	465	616
	Monywa	4 S4 Monywa	559	856	815	824	668	744
		5 S5 Chaung -U	557	668	492	162	524	481
		6 S6 Ayadaw		931	1,027	796	649	851
		7 S7 Budalin	621	991	923	866	584	797
		8 S8 Salingyi			685	807	782	758
		9 S9 Yinmabin	760	1,063	964	1,004	629	884
		10 S10 Pale	766	1,200	1,226	1,111	758	1,012
	Average	652	952	876	796	656	790	
	Shwebo	11 S11 Shwebo	1,198	766	885	618	618	817
		12 S12 Taze	961	788	742	1,299	501	858
		13 S13 Wetlet		1,162	989	1,151	551	963
		14 S14 Khin- U	802	1,229	741	803	348	785
		15 S15 Ye- U	928	1,004	887	1,307	574	940
16 S16 Tabayin		985	1,049	939	1,235	481	938	
17 S17 Kanbalu		981	846	765	1,241	675	901	
Average	976	978	850	1,093	535	884		
Average	762	908	847	913	573	799		
Mandalay	Kyaukse	18 M1 Kyaukse	845	995	693	692	1,614	968
		19 M2 Myittha	751	673	711	621	653	682
		20 M3 Tada- U	750	731	937	940	380	747
		Average	782	800	780	751	882	799
	Myingyan	21 M4 Myingyan			696	754	579	676
		22 M5 Taungtha	571	705	680	603	513	615
		23 M6 Natogyi	632	829	614	507	734	663
		24 M7 Kyaukpadaung	940	919	721	768	658	801
		25 M8 Ngazun	618	887	805	562	559	686
	Average	690	835	703	639	609	689	
	Meikhtila	26 M9 Meikhtila	1,017	850	631	701	1,027	845
		27 M10 Mahlaing	731	893	945	917	983	894
		28 M11 Thazi	788	826	611	659	868	750
29 M12 Wundwin		808	836	599	542	903	738	
Average	836	851	697	705	945	807		
Nyaung- U	30 M13 Nyaung-U	565	857	810	715	622	714	
Average	565	857	810	715	622	714		
Magway	Pakokku	31 G1 Pakokku	467	754	586	702	674	637
		32 G2 Pauk	1,301	1,329	1,086	978	913	1,121
		33 G3 Myaing	691	1,023	651	772	491	726
		34 G4 Yesagyo	435	681	549	500	436	520
		35 G5 Seikphyu	616	866	491	527	441	588
	Average	702	931	673	696	591	719	
	Magway	36 G6 Magway	909	1,065	883	833	963	931
		37 G7 Chauk	586	732	531	572	454	575
		38 G8 Yenangyaung	534	657	598	533	623	589
		39 G9 Natmauk	940	1,027	759	790	948	893
		40 G10 Myothit	851	917	792	869	813	848
		41 G11 Taungdwingyi	691	924	897	818	1,321	930
	Average	752	887	743	736	854	794	
	Minbu	42 G12 Minbu	902	767	649	860	776	791
		43 G13 Pwintbyu	768	750	723	977	761	796
		44 G14 Salin	566	676	478	643	566	586
		45 G15 Ngaphe	1,171	1,125	1,040	1,146	1,443	1,185
		Average	852	830	722	906	887	839
	Thayet	46 G16 Thayet			804	1,030	1,184	1,006
		47 G17 Mindon			1,117	1,355	1,138	1,203
		48 G18 Minhla	1,121	923	711	1,031	673	892
49 G19 Aunglan		878	1,316	712	908	1,073	977	
50 G20 Sinbaungwe		76			545	894	505	
51 G21 Kamma		978	1,080	576	747	803	837	
Average	763	1,106	784	936	961	903		
Average	762	923	732	816	828	811		
Total			759.1	894.4	769.7	814.5	729.8	793.5

Source:Township Profile, TPDC, Various reports from Township MAS, Township Irrigation Department,

Table-31
Land utilization (2004-2005)

Unit: Acre

Division	District	Township	Le Land (Paddy)					Yar Land			Kaing/Kyung garden and Upland	Total Cultivated Land		
			Rice Area			Other Crops Area	Total Cultivated Area	Cultivated Land	Difficult to grow crop	Total				
			Irrigated Area	Rainfed Area	Total									
			3	4	5	6	5+6=7	8	9	8+9=10			11	7+10+11=12
Sagaing	Sagaing	1 S1 Sagaing	11,876	11,235	23,111	27,849	50,960	146,330		146,330	12,580	209,870		
		2 S2 Myinmu	3,101	6,192	9,293	18,785	28,078	122,510		122,510	3,766	154,354		
		3 S3 Myaung	2,783	120	2,903	19,690	22,593	42,703		42,703	24,823	90,119		
			17,760	17,547	35,307	66,324	101,631	311,543	-	311,543	41,169	454,343		
	Monywa	Monywa	4 S4 Monywa	4,559	384	4,943	4,175	9,118	79,864	92	79,956	8,882	97,956	
			5 S5 Chaung -U	3,240	14,366	17,606	10,439	28,045	50,967	23	50,990	17,735	96,770	
			6 S6 Ayadaw	16,166	7,647	23,813	7,388	31,201	203,900	1,021	204,921	4,652	240,774	
			7 S7 Budalin	7,497	35,115	42,612	4,643	47,255	169,921	727	170,648	819	218,722	
			8 S8 Salingyi	1,550	3,300	4,850	1,379	6,229	95,118	846	95,964	4,910	107,103	
			9 S9 Yinmabin	10,459	12,050	22,509	624	23,133	111,866	80	111,946	6,485	141,564	
			10 S10 Pale	4,634	16,938	21,572	23,774	45,346	95,107	750	95,857	1,983	143,186	
			48,105	89,800	137,905	52,422	190,327	806,743	3,539	810,282	45,466	1,046,075		
	Shwebo	Shwebo	11 S11 Shwebo	86,483	27,747	114,230	5,156	119,386	66,492	1,276	67,768	1,604	188,758	
			12 S12 Taze	37,711	43,507	81,218	3,622	84,840	49,852	1,122	50,974	11,139	146,953	
			13 S13 Wetlet	102,124	30,106	132,230	14,667	146,897	96,515	777	97,292	2,077	246,266	
			14 S14 Khin- U	55,962	30,579	86,541	6,485	93,026	96,722	8,931	105,653	662	199,341	
			15 S15 Ye- U	61,645	20,932	82,577	11	82,588	19,875	576	20,451	1,469	104,508	
16 S16 Tabayin			98,981	20,841	119,822	84	119,906	48,720	17,161	65,881	440	186,227		
17 S17 Kanbalu			31,843	96,676	128,519	4,938	133,457	202,053	27,263	229,316	2,063	364,836		
		474,749	270,388	745,137	34,963	780,100	580,229	57,106	637,335	19,454	1,436,889			
		540,614	377,735	918,349	153,709	1,072,058	1,698,515	60,645	1,759,160	106,089	2,937,307			
Mandalay	Kyaukse	18 M1 Kyaukse	50,033	3,799	53,832	11,574	65,406	42,766	3,196	45,962	1,238	112,606		
		19 M2 Myittha	58,562	1,369	59,931	13,160	73,091	48,498	7,785	56,283	524	129,898		
		20 M3 Tada- U	5,660	5,024	10,684	10,174	20,858	123,308	2,054	125,362	7,310	153,530		
			114,255	10,192	124,447	34,908	159,355	214,572	13,035	227,607	9,072	396,034		
	Myingyan	Myingyan	21 M4 Myingyan	562	1,946	2,508	22,120	24,628	122,159	1,006	123,165	18,247	166,040	
			22 M5 Taungtha	1,263	4,193	5,456	10,868	16,324	172,531	43,642	216,173	3,879	236,376	
			23 M6 Natogyi	6,673	13,108	19,781	18,045	37,826	188,865	5,534	194,399	47	232,272	
			24 M7 Kyaukpadaung	6,025	7,718	13,743	13,718	27,461	222,838	16,494	239,332	506	267,299	
			25 M8 Ngazun	342	3,861	4,203	15,294	19,497	106,457	3,301	109,758	18,165	147,420	
			14,865	30,826	45,691	80,045	125,736	812,850	69,977	882,827	40,844	1,049,407		
	Meikhtila	Meikhtila	26 M9 Meikhtila	16,162	13,644	29,806	28,800	58,606	87,694	9,903	97,597	633	156,836	
			27 M10 Mahlaing	1,791	7,832	9,623	17,934	27,557	145,791	6,662	152,453	16	180,026	
			28 M11 Thazi	25,410	9,115	34,525	58,430	92,955	74,665	3,803	78,468	1,158	172,581	
	Nyaung- U	Nyaung- U	29 M12 Wundwin	42,762	13,785	56,547	52,104	108,651	81,957	22,271	104,228	1,981	214,860	
			30 M13 Nyaung-U	-	256	256	-	256	201,042	15,271	216,313	6,316	222,885	
			-	256	256	-	256	201,042	15,271	216,313	6,316	222,885		
			215,245	85,650	300,895	272,221	573,116	1,618,571	140,922	1,759,493	60,020	2,392,629		
	Magway	Pakokku	Pakokku	31 G1 Pakokku	-	459	459	417	876	-	115,468	115,468	24,673	141,017
				32 G2 Pauk	438	6,314	6,752	1,190	7,942	435	95,487	95,922	4,635	108,499
33 G3 Myaing				938	33,371	34,309	738	35,047	1,632	239,846	241,478	1,193	277,718	
34 G4 Yesagyoo				20	13,943	13,963	4,744	18,707	760	65,218	65,978	36,587	121,272	
35 G5 Seikphyu				564	14,493	15,057	191	15,248	394	62,755	63,149	3,929	82,326	
			1,960	68,580	70,540	7,280	77,820	3,221	578,774	581,995	71,017	730,832		
Magway		Magway	36 G6 Magway		2,755	2,755	1,314	4,069		191,817	191,817	4,869	200,755	
			37 G7 Chauk		2,084	2,084	368	2,452		130,851	130,851	3,957	137,260	
			38 G8 Yenangyaung		476	476	59	535	2,000	83,245	85,245	10,175	95,955	
			39 G9 Natmauk	1,771	16,767	18,538	12,581	31,119	1,328	265,519	266,847		297,966	
			40 G10 Myothit	30,521	20,057	50,578	5,355	55,933	14,213	82,850	97,063		152,996	
			41 G11 Taungdwingyi	18,014	65,439	83,453	1,695	85,148	738	82,337	83,075		168,223	
			50,306	107,578	157,884	21,372	179,256	18,279	836,619	854,898	19,001	1,053,155		
Minbu		Minbu	42 G12 Minbu	35,636	790	36,426	129	36,555		76,079	76,079	13,628	126,262	
			43 G13 Pwintbyu	58,128	482	58,610		58,610	3,178	26,174	29,352	31,318	119,280	
			44 G14 Salin	39,948	2,738	42,686	1,141	43,827		87,877	87,877	38,476	170,180	
			45 G15 Ngaphe	2,326	4,574	6,900	57	6,957	2,512	8,582	11,094	2,207	20,258	
			136,038	8,584	144,622	1,327	145,949	5,690	198,712	204,402	85,629	435,980		
Thayet		Thayet	46 G16 Thayet		16,382	16,382		16,382		22,150	22,150	6,495	45,027	
			47 G17 Mindon		14,118	14,118		14,118		2,850	2,850	11,178	28,146	
	48 G18 Minhla			9,377	9,377		9,377		49,222	49,222	1,664	60,263		
	49 G19 Aunglan		50	28,561	28,611		28,611	6,199	92,381	98,580	4,649	131,840		
	50 G20 Sinbaungwe			10,244	10,244		10,244		68,676	68,676	1,051	79,971		
		20,904	20,904		20,904		13,702	13,702	11,545	46,151				
		50	99,586	99,636	-	99,636	6,199	248,981	255,180	36,582	391,398			
		188,354	284,328	472,682	29,979	502,661	33,389	1,863,086	1,896,475	212,229	2,611,365			
Total			944,213	747,713	1,691,926	455,909	2,147,835	3,350,475	2,064,653	5,415,128	378,338	7,941,301		

Note: Generally speaking, Le land is suitable to grow for paddy.
Note: Yar land is not suitable to grow paddy

Source: MAS Land Use Division

Table-31
Land utilization (2004-2005)

Unit: Acre

Division	District	Township	Waste Land	Forest Area	Uncultivable Land	Total Land Area	
			13	14	15	12+13+14+15=16	
Sagaing	Sagaing	1 S1 Sagaing	4,438		96,194	310,502	
		2 S2 Myinmu			37,300	191,654	
		3 S3 Myaung	67		21,282	111,468	
				4,505	-	154,776	613,624
	Monywa	4 S4 Monywa	14,729		57,555	170,240	
		5 S5 Chaung -U	2,609	2,600	18,705	120,684	
		6 S6 Ayadaw	28,473		33,153	302,400	
		7 S7 Budalin	11,283		35,229	265,234	
		8 S8 Salingyi	1,983	8,041	51,204	168,331	
		9 S9 Yinmabin	37,935	3,338	52,294	235,131	
		10 S10 Pale	13,757	157,940	77,415	392,298	
			110,769	171,919	325,555	1,654,318	
	Shwebo	11 S11 Shwebo	65,609	6,842	2,594	263,803	
		12 S12 Taze	81,498	134,720	95,287	458,458	
		13 S13 Wetlet	58,732	24,000	334	329,332	
		14 S14 Khin- U	27,260	9,235	20,690	256,526	
		15 S15 Ye- U	33,224	156,871	62,424	357,027	
16 S16 Tabayin		27,316	2,163	111,877	327,583		
17 S17 Kanbalu		84,809	391,216	182,726	1,023,587		
		378,448	725,047	475,932	3,016,316		
		493,722	896,966	956,263	5,284,258		
Mandalay	Kyaukse	18 M1 Kyaukse	-	263,083	88,489	464,178	
		19 M2 Myittha	8,200	35,274	45,914	219,286	
		20 M3 Tada- U	4,757	10,587	64,077	232,951	
			12,957	308,944	198,480	916,415	
	Myingyan	21 M4 Myingyan	4,171	21,420	47,913	239,544	
		22 M5 Taungtha	5,440	13,017	69,780	324,613	
		23 M6 Natogyi	14,318	13,440	47,938	307,968	
		24 M7 Kyaukpadaung	5,216	139,660	73,166	485,341	
		25 M8 Ngazun	-	3,840	76,574	227,834	
			29,145	191,377	315,371	1,585,300	
	Meikhtila	26 M9 Meikhtila	7,289	13,494	126,615	304,234	
		27 M10 Mahlaing	3,647	22,550	68,146	274,369	
		28 M11 Thazi	3,257	210,938	117,292	504,068	
29 M12 Wundwin		4,843	49,304	78,882	347,889		
		19,036	296,286	390,935	1,430,560		
Nyaung- U	30 M13 Nyaung-U	-	59,467	84,211	366,563		
		-	59,467	84,211	366,563		
		61,138	856,074	988,997	4,298,838		
Magway	Pakokku	31 G1 Pakokku	55	47,650	122,215	310,937	
		32 G2 Pauk	1,028	232,374	273,906	615,807	
		33 G3 Myaing	375	82,796	141,934	502,823	
		34 G4 Yesagyoo	424	39,894	85,010	246,600	
		35 G5 Seikphyu	540	188,467	105,104	376,437	
			2,422	591,181	728,169	2,052,604	
	Magway	36 G6 Magway	188	7,819	227,861	436,623	
		37 G7 Chauk	2,584	36,407	68,762	245,013	
		38 G8 Yenangyaung	2,417	23,840	126,719	248,931	
		39 G9 Natmauk	15,142	83,950	173,567	570,625	
		40 G10 Myothit	4,341	149,466	85,313	392,116	
		41 G11 Taungdwingyi	2,469	226,954	88,757	486,403	
			27,141	528,436	770,979	2,379,711	
	Minbu	42 G12 Minbu		198,234	86,838	411,334	
		43 G13 Pwintbyu		102,687	79,499	301,466	
		44 G14 Salin	194	294,472	106,764	571,610	
		45 G15 Ngaphe		220,294	83,354	323,906	
			194	815,687	356,455	1,608,316	
	Thayet	46 G16 Thayet		215,718	32,984	293,729	
		47 G17 Mindon		591,892	11,379	631,417	
		48 G18 Minhla		453,313	72,399	585,975	
49 G19 Aunglan			483,164	46,531	661,535		
50 G20 Sinbaungwe		846	375,432	50,212	506,461		
51 G21 Kamma			215,583	23,244	284,978		
		846	2,335,102	236,749	2,964,095		
		30,603	4,270,406	2,092,352	9,004,726		
Total			585,463	6,023,446	4,037,612	18,587,822	

Note: Generally speaking, Le land is suitable to grow !
Note: Yar landis not suitable to grow paddy

Source: MAS Land Use Division

Table-32
Agricultural land tenure ship classified by farm
acreage

Unit: Number

Division	District	Township	Number of Farmers by Ownership of Farm				Total	
			Less than 5 acres	5-10 acres	10-20 acres	Greater than 20 acres		
Sagaing	Sagaing	1 S1 Sagaing	18,983	15,237	4,417	63	38,700	
		2 S2 Myinmu	8,986	5,318	3,681	458	18,443	
		3 S3 Myaung	15,738	1,898	384	37	18,057	
			43,707	22,453	8,482	558	75,200	
	Monywa	Monywa	4 S4 Monywa	4,202	8,518	2,544	672	15,936
			5 S5 Chaung -U	9,002	4,184	1,787	439	15,412
			6 S6 Ayadaw	5,499	5,730	5,668	3,309	20,206
			7 S7 Budalin	2,034	5,280	630	106	8,050
			8 S8 Salingyi	1,157	2,659	2,478	605	6,899
			9 S9 Yinmabin	238	1,928	1,997	4,941	9,104
			10 S10 Pale	6,896	4,250	1,358	20	12,524
			29,028	32,549	16,462	10,092	88,131	
	Shwebo	Shwebo	11 S11 Shwebo	9,213	5,099	1,712	108	16,132
			12 S12 Taze	5,338	3,290	941	15	9,584
			13 S13 Wetlet	5,325	8,122	925	14,772	29,144
			14 S14 Khin- U	5,859	8,107	723	87	14,776
			15 S15 Ye- U	3,832	2,974	1,000	109	7,915
16 S16 Tabayin			4,859	2,726	2,400	371	10,356	
17 S17 Kanbalu			4,499	4,432	709	72	9,712	
		38,925	34,750	8,410	15,534	97,619		
		111,660	89,752	33,354	26,184	260,950		
Mandalay	Kyaukse	18 M1 Kyaukse	9,910	6,477	1,694	280	18,361	
		19 M2 Myittha	9,954	5,178	1,873	324	17,329	
		20 M3 Tada- U	4,676	2,340	37	-	7,053	
			24,540	13,995	3,604	604	42,743	
	Myingyan	Myingyan	21 M4 Myingyan	n.a.	n.a.	n.a.	n.a.	-
			22 M5 Taungtha	13,192	11,051	4,953	2,074	31,270
			23 M6 Natogyi	14,260	700	-	-	14,960
			24 M7 Kyaukpadaung	24,675	9,991	2,906	151	37,723
			25 M8 Ngazun	14,704	5,211	3,058	957	23,930
			66,831	26,953	10,917	3,182	107,883	
	Meikhtila	Meikhtila	26 M9 Meikhtila	n.a.	n.a.	n.a.	n.a.	-
			27 M10 Mahlaing	n.a.	n.a.	n.a.	n.a.	-
			28 M11 Thazi	6,705	2,251	795	80	9,831
29 M12 Wundwin			-	6,597	4,650	1,720	12,967	
		6,705	8,848	5,445	1,800	22,798		
Nyaung- U	Nyaung- U	30 M13 Nyaung-U	-	20,581	5,563	2,157	28,301	
			-	20,581	5,563	2,157	28,301	
		98,076	70,377	25,529	7,743	201,725		
Magway	Pakokku	31 G1 Pakokku	20,019	4,596	3,171	1,069	28,855	
		32 G2 Pauk	14,941	4,825	2,946	441	23,153	
		33 G3 Myaing	5,634	5,300	3,202	972	15,108	
		34 G4 Yesagyoy	28,948	4,956	1,706	323	35,933	
		35 G5 Seikphyu	1,320	141	30	-	1,491	
			70,862	19,818	11,055	2,805	104,540	
	Magway	Magway	36 G6 Magway	n.a.	n.a.	n.a.	n.a.	-
			37 G7 Chauk	n.a.	n.a.	n.a.	n.a.	-
			38 G8 Yenangyaung	-	3,944	2,438	13,392	19,774
			39 G9 Natmauk	14,638	4,788	3,450	401	23,277
			40 G10 Myothit	17,446	7,168	3,769	649	29,032
			41 G11 Taungdwingyi	7,717	2,694	937	12	11,360
			39,801	18,594	10,594	14,454	83,443	
	Minbu	Minbu	42 G12 Minbu	3,827	4,444	960	-	9,231
			43 G13 Pwintbyu	22,047	5,785	848	93	28,773
			44 G14 Salin	7,520	2,064	55	1	9,640
			45 G15 Ngaphe	8,010	8,515	-	-	16,525
				41,404	20,808	1,863	94	64,169
Thayet	Thayet	46 G16 Thayet	6,500	1,483	-	-	7,983	
		47 G17 Mindon	8,715	29	-	-	8,744	
		48 G18 Minhla	22,716	1,936	256	26	24,934	
		49 G19 Aunglan	1,054	102	4	6	1,166	
		50 G20 Sinbaungwe	9,434	1,976	1,482	322	13,214	
		51 G21 Kamma	10,359	251	-	-	10,610	
		58,778	5,777	1,742	354	66,651		
		210,845	64,997	25,254	17,707	318,803		
Total			420,581	225,126	84,137	51,634	781,478	

Source:Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record Department records

Table-33
Sown area, harvested area, production, and yield
(Monsoon rice and Pre-monsoon rice 2005)

Unit: basket

Division	District	Township	Monsoon rice				Pre-Monsoon rice				
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)	Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)	
Sagaing	Sagaing	1 S1 Sagaing	23,111	23,111	1,520,941	65.81	8,488	8,488	705,440	83.11	
		2 S2 Myinmu	9,232	9,232	588,477	63.74	3,755	3,755	308,924	82.27	
		3 S3 Myaung	2,903	2,903	187,302	64.52	3,859	3,859	312,772	81.05	
				35,246	35,246	2,296,720	64.69	5,367	5,367	442,379	82.14
	Monywa	4 S4 Monywa	10,148	10,148	673,015	66.32	1,778	1,778	147,930	83.20	
		5 S5 Chaung-U	18,118	18,118	1,336,927	73.79	0	0	0	0.00	
		6 S6 Ayadaw	22,640	22,640	1,249,954	55.21	3,522	3,522	289,191	82.11	
		7 S7 Budalin	31,376	31,376	1,509,334	48.10	0	0	0	0.00	
		8 S8 Salingyi	5,552	5,552	307,192	55.33	856	856	67,600	78.97	
		9 S9 Yinmabin	29,405	29,405	1,970,175	67.00	2,106	2,106	175,150	83.17	
		10 S10 Pale	24,617	24,617	1,359,597	55.23	382	87	7,240	83.22	
				141,856	141,856	8,406,194	60.14	1,235	1,193	98,159	58.67
	Shwebo	11 S11 Shwebo	118,863	118,072	8,901,564	75.39	62,020	62,020	5,183,391	83.58	
		12 S12 Taze	91,480	91,480	5,841,391	63.85	32,608	32,608	2,535,272	77.75	
		13 S13 Wetlet	147,693	143,664	10,759,727	74.90	52,002	51,971	4,301,640	82.77	
		14 S14 Khin-U	90,902	90,902	6,690,157	73.60	35,208	35,208	3,195,319	90.76	
		15 S15 Ye-U	90,014	89,997	6,959,525	77.33	42,035	42,035	3,694,845	87.90	
16 S16 Tabayin		130,909	130,909	9,759,266	74.55	62,507	62,507	5,184,711	82.95		
17 S17 Kanbalu		155,055	153,449	9,039,868	58.91	16,891	16,596	1,358,116	81.83		
			824,916	818,473	57,951,498	71.22	43,324	43,278	3,636,185	83.93	
			1,002,018	995,575	68,654,412	65.51	19,295	19,259	1,615,738	73.21	
Mandalay	Kyaukse	18 M1 Kyaukse	55,161	55,161	4,167,965	75.56	19,854	19,854	1,776,933	89.50	
		19 M2 Myittha	65,154	65,154	4,953,658	76.03	22,954	22,954	2,064,142	89.93	
		20 M3 Tada-U	10,890	10,890	689,555	63.32	3,038	3,038	243,040	80.00	
				131,205	131,205	9,811,178	71.64	15,282	15,282	1,361,372	86.48
	Myingyan	21 M4 Myingyan	5,530	5,530	455,119	82.30	2,388	2,388	207,756	87.00	
		22 M5 Taungtha	8,014	7,793	533,275	68.43	2,152	2,152	165,704	77.00	
		23 M6 Natogyi	10,868	10,435	627,144	60.10	273	273	17,745	65.00	
		24 M7 Kyaukpadaung	14,905	13,575	896,222	66.02	3,631	3,631	313,851	86.44	
		25 M8 Ngazun	5,221	5,195	341,552	65.75	2,120	2,120	182,320	86.00	
				44,538	42,528	2,853,312	68.52	2,113	2,113	177,475	80.29
	Meikhtila	26 M9 Meikhtila	23,506	23,506	1,460,193	62.12	303	303	23,180	76.50	
		27 M10 Mahlaing	5,409	5,066	277,672	54.81	51	51	4,335	85.00	
		28 M11 Thazi	31,055	30,042	1,816,339	60.46	505	505	38,380	76.00	
29 M12 Wundwin		52,144	48,619	3,317,760	68.24	12,528	12,528	1,098,775	87.71		
			112,114	107,233	6,871,964	61.41	3,347	3,347	291,168	81.30	
Nyaung-U	30 M13 Nyaung-U	2,504	2,117	135,257	63.89	1,102	1,102	91,466	83.00		
			2,504	2,117	135,257	63.89	1,102	1,102	91,466	83.00	
			290,361	283,083	19,671,711	66.69	5,454	5,454	479,048	82.24	
Magway	Pakokku	31 G1 Pakokku	1,724	951	63,498	66.77	2,214	2,214	171,438	77.43	
		32 G2 Pauk	11,658	11,658	900,500	77.24	2,652	2,652	227,764	85.88	
		33 G3 Myaing	34,899	29,682	1,431,266	48.22	566	539	40,980	76.03	
		34 G4 Yesagy	16,583	14,537	923,245	63.51	4,806	4,804	374,857	78.03	
		35 G5 Seikphyu	15,858	14,857	907,020	61.05	1,464	1,464	111,015	75.83	
				80,722	71,685	4,225,529	63.36	2,340	2,335	185,211	78.64
	Magway	36 G6 Magway	3,712	3,172	195,544	61.65	1,467	1,148	92,817	80.85	
		37 G7 Chauk	2,985	2,800	192,780	68.85	1,696	1,696	118,974	70.15	
		38 G8 Yenangyaung	953	905	63,314	69.96	917	917	68,252	74.43	
		39 G9 Natmauk	19,081	18,685	988,436	52.90	1,424	1,424	108,039	75.87	
		40 G10 Myothit	56,257	56,257	3,628,576	64.50	12,034	12,034	928,784	77.18	
		41 G11 Taungdwingyi	85,329	85,329	4,864,606	57.01	2,113	2,092	161,427	77.16	
				168,317	167,148	9,933,256	62.48	3,275	3,219	246,382	75.94
	Minbu	42 G12 Minbu	38,636	38,313	3,152,010	82.27	17,201	17,201	1,473,927	85.69	
		43 G13 Pwintbyu	60,782	60,533	5,008,517	82.74	46,646	46,646	4,002,227	85.80	
		44 G14 Salin	48,613	48,613	4,006,689	82.42	31,244	31,244	2,678,235	85.72	
		45 G15 Ngaphe	11,334	11,334	867,506	76.54	1,862	1,862	157,833	84.77	
				159,365	158,793	13,034,722	80.99	24,238	24,238	2,078,056	85.49
Thayet	46 G16 Thayet	17,168	16,821	1,086,973	64.62	31	31	2,249	72.55		
	47 G17 Mindon	16,729	16,729	1,188,094	71.02	100	100	7,336	73.36		
	48 G18 Minhla	10,076	10,076	659,172	65.42	444	444	35,631	80.25		
	49 G19 Aunglan	31,462	30,434	2,199,465	72.27	4,392	4,392	356,543	81.18		
	50 G20 Sinbaungwe	10,366	10,294	596,434	57.94	128	128	9,124	71.28		
	51 G21 Kamma	21,178	21,178	1,536,145	72.53	25	25	1,883	75.32		
			106,979	105,532	7,266,283	67.30	853	853	68,794	75.66	
			515,383	503,158	34,459,790	67.59	6,354	6,336	529,968	78.32	
			1,807,762	1,781,816	122,785,913	66.67	31,103	31,048	2,624,754	233.77	

Source: MAS(2005)

Table-34
Sown area, harvested area, production, and yield
(Pigeon pea 2005)

Division	District	Township	Pigeon pea			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	21,934	21,934	345,417	15.75
		2 S2 Myinmu	14,326	14,326	224,432	15.67
		3 S3 Myaung	7,254	7,254	120,416	16.60
			43,514	43,514	690,265	16.00
	Monywa	4 S4 Monywa	18,003	18,003	292,549	16.25
		5 S5 Chung -U	16,196	16,196	261,889	16.17
		6 S6 Ayadaw	29,432	29,432	436,182	14.82
		7 S7 Budalin	40,083	40,083	646,940	16.14
		8 S8 Salingyi	17,631	17,631	283,966	16.11
		9 S9 Yinmabin	18,975	18,975	314,030	16.55
		10 S10 Pale	17,553	17,553	282,693	16.11
			157,873	157,873	2,518,249	16.02
	Shwebo	11 S11 Shwebo	9,504	9,504	144,936	15.25
		12 S12 Taze	2,402	2,402	36,510	15.20
		13 S13 Wetlet	17,274	17,274	270,067	15.63
		14 S14 Khin- U	34,983	34,983	554,830	15.86
		15 S15 Ye- U	6,161	6,161	94,633	15.36
16 S16 Tabayin		16,923	16,923	260,614	15.40	
17 S17 Kanbalu		81,536	81,536	1,374,674	16.86	
		168,783	168,783	2,736,264	15.65	
		370,170	370,170	5,944,778	15.87	
Mandalay	Kyaukse	18 M1 Kyaukse	2,704	2,704	35,558	13.15
		19 M2 Myittha	1,672	1,672	19,261	11.52
		20 M3 Tada- U	9,870	9,870	143,115	14.50
			14,246	14,246	197,934	13.06
	Myingyan	21 M4 Myingyan	29,028	29,028	294,054	10.13
		22 M5 Taungtha	23,153	23,153	199,347	8.61
		23 M6 Natogyi	91,313	91,313	945,090	10.35
		24 M7 Kyaukpadaung	73,184	73,184	777,172	10.62
		25 M8 Ngazun	38,085	38,085	383,088	10.06
			254,763	254,763	2,598,751	9.95
	Meikhtila	26 M9 Meikhtila	23,602	23,602	184,568	7.82
		27 M10 Mahlaing	91,113	91,113	1,452,341	15.94
		28 M11 Thazi	2,687	2,687	25,250	9.40
29 M12 Wundwin		3,458	3,458	37,070	10.72	
		120,860	120,860	1,699,229	10.97	
Nyaung- U	30 M13 Nyaung-U	28,302	28,302	380,900	13.46	
		28,302	28,302	380,900	13.46	
		418,171	418,171	4,876,814	11.25	
Magway	Pakokku	31 G1 Pakokku	23,625	23,611	216,041	9.15
		32 G2 Pauk	7,018	7,018	71,022	10.12
		33 G3 Myaing	90,103	90,103	914,545	10.15
		34 G4 Yesagyoo	4,532	4,532	39,746	8.77
		35 G5 Seikphyu	1,325	1,325	11,594	8.75
			126,603	126,589	1,252,948	9.39
	Magway	36 G6 Magway	30,455	30,455	251,254	8.25
		37 G7 Chauk	54,936	54,936	391,694	7.13
		38 G8 Yenangyaung	22,893	22,893	217,484	9.50
		39 G9 Natmauk	59,328	59,328	569,549	9.60
		40 G10 Myothit	13,425	13,425	135,861	10.12
		41 G11 Taungdwingyi	6,826	6,826	66,306	9.71
			187,863	187,863	1,632,148	9.05
	Minbu	42 G12 Minbu	7,511	7,511	101,549	13.52
		43 G13 Pwintbyu	2,252	2,252	26,123	11.60
		44 G14 Salin	8,573	8,513	106,412	12.50
		45 G15 Ngaphe	3,071	3,071	37,620	12.25
		21,407	21,347	271,704	12.47	
Thayet	46 G16 Thayet	3,293	3,293	31,119	9.45	
	47 G17 Mindon	3,032	3,032	28,834	9.51	
	48 G18 Minhla	19,497	19,497	203,859	10.46	
	49 G19 Aunglan	10,602	10,602	104,324	9.84	
	50 G20 Sinbaungwe	9,457	9,457	87,950	9.30	
	51 G21 Kamma	322	322	3,397	10.55	
		46,203	46,203	459,483	9.85	
		382,076	382,002	3,616,283	10.01	
		1,170,417	1,170,343	14,437,875	12.28	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-35

Sown area, harvested area, production, and yield
(Maize 2005)

Division	District	Township	Maize			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	3,084	3,084	112,566	36.50
		2 S2 Myinmu	1,282	1,282	45,626	35.59
		3 S3 Myaung	11,002	11,002	412,575	37.50
			15,368	15,368	570,767	36.53
	Monywa	4 S4 Monywa	152	152	5,624	37.00
		5 S5 Chaung -U	367	367	11,086	30.21
		6 S6 Ayadaw	0	0	0	0.00
		7 S7 Budalin	0	0	0	0.00
		8 S8 Salingyi	105	105	3,387	32.26
		9 S9 Yinmabin	472	472	14,482	30.68
		10 S10 Pale	73	73	2,139	29.30
			1,169	1,169	36,718	22.78
	Shwebo	11 S11 Shwebo	0	0	0	0.00
		12 S12 Taze	23,530	23,530	863,917	36.72
		13 S13 Wetlet	0	0	0	0.00
		14 S14 Khin- U	0	0	0	0.00
		15 S15 Ye- U	3,345	3,345	120,420	36.00
16 S16 Tabayin		0	0	0	0.00	
17 S17 Kanbalu		46,276	46,276	1,727,975	37.34	
		73,151	73,151	2,712,312	15.72	
		89,688	89,688	3,319,797	22.30	
Mandalay	Kyaukse	18 M1 Kyaukse	0	0	0	0.00
		19 M2 Myittha	0	0	0	0.00
		20 M3 Tada- U	0	0	0	0.00
			0	0	0	0.00
	Myingyan	21 M4 Myingyan	1,525	1,525	114,421	75.03
		22 M5 Taungtha	25	25	1,270	50.80
		23 M6 Natogyi	0	0	0	0.00
		24 M7 Kyaukpadaung	0	0	0	0.00
		25 M8 Ngazun	2,920	2,920	118,318	40.52
			4,470	4,470	234,009	33.27
	Meikhtila	26 M9 Meikhtila	0	0	0	0.00
		27 M10 Mahlaing	0	0	0	0.00
		28 M11 Thazi	0	0	0	0.00
29 M12 Wundwin		0	0	0	0.00	
		0	0	0	0.00	
Nyaung- U	30 M13 Nyaung-U	0	0	0	0.00	
		0	0	0	0.00	
		4,470	4,470	234,009	12.80	
Magway	Pakokku	31 G1 Pakokku	562	562	23,121	41.14
		32 G2 Pauk	9,865	9,865	451,831	45.80
		33 G3 Myaing	2,754	2,754	121,133	43.98
		34 G4 Yesagyao	760	760	49,590	65.25
		35 G5 Seikphyu	5,700	5,700	236,392	41.47
			19,641	19,641	882,067	47.53
	Magway	36 G6 Magway	0	0	0	0.00
		37 G7 Chauk	42	42	1,804	42.95
		38 G8 Yenangyaung	0	0	0	0.00
		39 G9 Natmauk	831	831	48,373	58.21
		40 G10 Myothit	11,295	11,295	501,589	44.41
		41 G11 Taungdwingyi	17,440	17,440	804,693	46.14
			29,608	29,608	1,356,459	31.95
	Minbu	42 G12 Minbu	5,701	5,701	302,685	53.09
		43 G13 Pwintbyu	521	521	26,053	50.01
		44 G14 Salin	11,834	11,834	566,120	47.84
		45 G15 Ngaphe	1,382	1,382	62,881	45.50
			19,438	19,438	957,739	49.11
Thayet	46 G16 Thayet	327	327	13,471	41.20	
	47 G17 Mindon	35	35	1,233	35.23	
	48 G18 Minhla	305	305	13,755	45.10	
	49 G19 Aunglan	0	0	0	0.00	
	50 G20 Sinbaungwe	600	600	32,400	54.00	
	51 G21 Kamma	126	126	7,308	58.00	
		1,393	1,393	68,167	38.92	
		70,080	70,080	3,264,432	40.92	
		164,238	164,238	6,818,238	27.54	

Source: Township Profile, TPDC, Various reports
from Township MAS, Settlement and Land Record

Table-36
Sown area, harvested area, production, and yield
(Sesame 2005)

Division	District	Township	Sesame			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	65,771	64,153	534,431	8.33
		2 S2 Myinmu	103,009	103,009	680,890	6.61
		3 S3 Myaung	13,342	13,342	150,189	11.26
			182,122	180,504	1,365,510	8.73
	Monywa	4 S4 Monywa	43,642	37,070	271,708	7.33
		5 S5 Chaung -U	36,374	36,374	308,808	8.49
		6 S6 Ayadaw	84,386	73,172	392,885	5.37
		7 S7 Budalin	82,597	69,451	354,273	5.10
		8 S8 Salingyi	33,361	33,361	211,218	6.33
		9 S9 Yinmabin	65,575	65,469	339,549	5.19
		10 S10 Pale	92,355	84,312	371,816	4.41
			438,290	399,209	2,250,257	6.03
	Shwebo	11 S11 Shwebo	17,729	17,729	190,930	10.77
		12 S12 Taze	1,835	1,835	18,390	10.02
		13 S13 Wetlet	61,432	61,432	596,561	9.71
		14 S14 Khin- U	5,412	5,412	58,231	10.76
		15 S15 Ye- U	9,700	9,700	83,866	8.65
16 S16 Tabayin		21,706	21,706	210,678	9.71	
17 S17 Kanbalu		39,489	39,489	452,147	11.45	
		157,303	157,303	1,610,803	10.15	
		777,715	737,016	5,226,570	8.20	
Mandalay	Kyaukse	18 M1 Kyaukse	29,322	29,322	390,009	13.30
		19 M2 Myittha	32,834	32,834	391,873	11.93
		20 M3 Tada- U	51,047	51,047	263,014	5.15
			113,203	113,203	1,044,896	10.13
	Myingyan	21 M4 Myingyan	48,976	45,228	143,785	3.18
		22 M5 Taungtha	77,778	55,215	94,002	1.70
		23 M6 Natogyi	155,837	142,454	165,493	1.16
		24 M7 Kyaukpadaung	142,092	123,781	269,612	2.18
		25 M8 Ngazun	84,365	78,875	168,014	2.13
			509,048	445,553	840,906	2.07
	Meikhtila	26 M9 Meikhtila	78,544	75,051	286,056	3.81
		27 M10 Mahlaing	120,106	105,105	438,392	4.17
		28 M11 Thazi	28,823	27,318	107,492	3.93
29 M12 Wundwin		49,106	42,087	160,688	3.82	
		276,579	249,561	992,628	3.93	
Nyaung- U	30 M13 Nyaung-U	51,031	26,644	100,838	3.78	
		51,031	26,644	100,838	3.78	
		949,861	834,961	2,979,268	4.64	
Magway	Pakokku	31 G1 Pakokku	50,613	50,609	331,062	6.54
		32 G2 Pauk	43,499	42,009	224,765	5.35
		33 G3 Myaing	115,726	114,136	510,996	4.48
		34 G4 Yesagyo	19,837	19,837	191,008	9.63
		35 G5 Seikphyu	17,344	17,344	136,847	7.89
			247,019	243,935	1,394,678	6.78
	Magway	36 G6 Magway	184,782	184,314	1,989,906	10.80
		37 G7 Chauk	80,932	80,410	345,554	4.30
		38 G8 Yenangyaung	64,156	63,620	367,173	5.77
		39 G9 Natmauk	197,790	197,790	1,296,595	6.56
		40 G10 Myothit	84,305	84,222	570,932	6.78
		41 G11 Taungdwingyi	51,965	51,965	423,021	8.14
			663,930	662,321	4,993,181	7.06
	Minbu	42 G12 Minbu	76,389	76,365	595,552	7.80
		43 G13 Pwintbyu	30,563	30,127	268,102	8.90
		44 G14 Salin	36,336	36,336	315,769	8.69
45 G15 Ngaphe		6,568	6,568	48,406	7.37	
		149,856	149,396	1,227,829	8.19	
Thayet	46 G16 Thayet	19,102	17,947	116,835	6.51	
	47 G17 Mindon	7,989	7,545	55,765	7.39	
	48 G18 Minhla	45,018	44,921	353,758	7.88	
	49 G19 Aunglan	29,857	29,376	276,715	9.42	
	50 G20 Sinbaungwe	45,631	44,506	307,918	6.92	
	51 G21 Kamma	15,001	13,327	94,355	7.08	
		162,598	157,622	1,205,346	7.53	
		1,223,403	1,213,274	8,821,034	7.34	
		2,950,979	2,785,251	17,026,872	6.94	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-37

Sown area, harvested area, production, and yield
(Groundnut 2005)

Division	District	Township	Groundnut			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	17,989	17,989	936,743	52.07
		2 S2 Myinmu	34,160	34,160	1,851,239	54.19
		3 S3 Myaung	23,549	23,549	1,265,693	53.75
			75,698	75,698	4,053,675	53.34
	Monywa	4 S4 Monywa	5,268	5,268	323,262	61.36
		5 S5 Chaung -U	12,230	12,230	545,239	44.58
		6 S6 Ayadaw	18,184	18,184	964,562	53.04
		7 S7 Budalin	22,496	22,496	991,829	44.09
		8 S8 Salingyi	3,755	3,755	213,170	56.77
		9 S9 Yinmabin	2,140	2,140	119,590	55.88
		10 S10 Pale	592	592	28,098	47.46
			64,665	64,665	3,185,750	51.88
	Shwebo	11 S11 Shwebo	15,098	14,896	733,223	49.22
		12 S12 Taze	41,002	41,002	2,075,093	50.61
		13 S13 Wetlet	8,922	8,922	441,750	49.51
		14 S14 Khin- U	50,143	50,143	2,433,698	48.54
		15 S15 Ye- U	8,612	8,612	454,906	52.82
16 S16 Tabayin		16,935	16,935	588,635	34.76	
17 S17 Kanbalu		47,435	47,435	2,371,329	49.99	
		188,147	187,945	9,098,634	47.92	
		328,510	328,308	16,338,059	50.51	
Mandalay	Kyaukse	18 M1 Kyaukse	1,518	1,518	66,299	43.68
		19 M2 Myittha	2,875	2,875	167,410	58.23
		20 M3 Tada- U	11,700	11,700	562,312	48.06
			16,093	16,093	796,021	49.99
	Myingyan	21 M4 Myingyan	9,276	9,276	468,430	50.50
		22 M5 Taungtha	21,023	21,023	1,108,463	52.73
		23 M6 Natogyi	8,387	8,387	264,495	31.54
		24 M7 Kyaukpadaung	16,461	16,459	575,684	34.98
		25 M8 Ngazun	2,242	2,242	103,518	46.17
			57,389	57,387	2,520,590	43.18
	Meikhtila	26 M9 Meikhtila	1,227	1,227	38,134	31.08
		27 M10 Mahlaing	1,125	1,125	44,007	39.12
		28 M11 Thazi	2,096	2,096	74,178	35.39
29 M12 Wundwin		8,175	8,175	312,189	38.19	
		12,623	12,623	468,508	35.94	
Nyaung- U	30 M13 Nyaung-U	59,886	59,886	2,060,590	34.41	
		59,886	59,886	2,060,590	34.41	
		145,991	145,989	5,845,709	41.85	
Magway	Pakokku	31 G1 Pakokku	10,722	10,716	597,877	55.79
		32 G2 Pauk	13,036	13,036	666,066	51.09
		33 G3 Myaing	26,268	26,268	1,048,296	39.91
		34 G4 Yesagyoy	22,197	22,197	1,313,167	59.16
		35 G5 Seikphyu	6,610	6,610	332,905	50.36
			78,833	78,827	3,958,311	51.26
	Magway	36 G6 Magway	42,757	42,732	2,410,184	56.40
		37 G7 Chauk	36,074	36,074	1,534,137	42.53
		38 G8 Yenangyaung	17,123	17,123	808,978	47.25
		39 G9 Natmauk	21,993	21,993	1,130,860	51.42
		40 G10 Myothit	8,752	8,752	426,416	48.72
		41 G11 Taungdwingyi	13,156	13,156	689,044	52.37
			139,855	139,830	6,999,619	49.78
	Minbu	42 G12 Minbu	10,302	10,302	581,067	56.40
		43 G13 Pwintbyu	1,448	1,448	86,514	59.75
		44 G14 Salin	18,324	18,324	1,081,614	59.03
45 G15 Ngaphe		2,598	2,598	149,519	57.55	
		32,672	32,672	1,898,714	58.18	
Thayet	46 G16 Thayet	7,408	7,375	391,563	53.09	
	47 G17 Mindon	5,462	5,462	338,303	61.94	
	48 G18 Minhla	1,966	1,966	105,719	53.77	
	49 G19 Aunglan	47,707	47,673	2,869,783	60.20	
	50 G20 Sinbaungwe	23,130	23,028	1,152,871	50.06	
	51 G21 Kamma	12,057	11,862	665,189	56.08	
		97,730	97,366	5,523,428	55.86	
		349,090	348,695	18,380,072	53.47	
		823,591	822,992	40,563,840	49.52	

Source: Township Profile, TPDC, Various reports from
Township MAS, Settlement and Land Record

Table-38
Sown area, harvested area, production, and yield
(Green gram 2005)

Division	District	Township	Green gram			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	28,069	28,069	396,640	14.13
		2 S2 Myinmu	9,486	9,486	132,123	13.93
		3 S3 Myaung	14,534	14,534	211,196	14.53
			52,089	52,089	739,959	14.20
	Monywa	4 S4 Monywa	5,181	5,181	61,280	11.83
		5 S5 Chaung -U	18,867	18,867	233,841	12.39
		6 S6 Ayadaw	12,468	12,468	139,597	11.20
		7 S7 Budalin	17,334	17,334	202,985	11.71
		8 S8 Salingyi	14,044	14,044	136,727	9.74
		9 S9 Yinmabin	14,033	14,033	148,947	10.61
		10 S10 Pale	9,993	9,993	111,113	11.12
			91,920	91,920	1,034,490	11.23
	Shwebo	11 S11 Shwebo	24,093	24,093	330,794	13.73
		12 S12 Taze	9,849	9,849	137,557	13.97
		13 S13 Wetlet	31,321	31,321	429,870	13.72
		14 S14 Khin- U	49,831	49,831	693,543	13.92
		15 S15 Ye- U	4,010	4,010	56,082	13.99
16 S16 Tabayin		16,331	16,331	229,768	14.07	
17 S17 Kanbalu		71,487	71,487	1,006,883	14.08	
		206,922	206,922	2,884,497	13.93	
		350,931	350,931	4,658,946	12.86	
Mandalay	Kyaukse	18 M1 Kyaukse	11,747	11,747	148,910	12.68
		19 M2 Myittha	7,613	7,613	85,182	11.19
		20 M3 Tada- U	4,630	4,630	42,511	9.18
			23,990	23,990	276,603	11.02
	Myingyan	21 M4 Myingyan	2,832	2,832	18,021	6.36
		22 M5 Taungtha	11,833	11,833	66,240	5.60
		23 M6 Natogyi	5,506	5,506	28,174	5.12
		24 M7 Kyaukpadaung	12,742	12,742	101,848	7.99
		25 M8 Ngazun	2,380	2,380	23,481	9.87
			35,293	35,293	237,764	6.99
	Meikhtila	26 M9 Meikhtila	2,775	2,759	15,964	5.79
		27 M10 Mahlaing	2,509	2,509	17,102	6.82
		28 M11 Thazi	8,028	7,976	45,932	5.76
29 M12 Wundwin		5,268	5,268	41,325	7.84	
		18,580	18,512	120,323	6.55	
Nyaung- U	30 M13 Nyaung-U	22,832	22,832	272,464	11.93	
		22,832	22,832	272,464	11.93	
		100,695	100,627	907,154	8.16	
Magway	Pakokku	31 G1 Pakokku	45,426	45,410	401,983	8.85
		32 G2 Pauk	18,931	18,931	168,583	8.91
		33 G3 Myaing	64,080	63,946	583,107	9.12
		34 G4 Yesagyo	17,833	17,833	148,713	8.34
		35 G5 Seikphyu	28,384	28,384	276,037	9.73
			174,654	174,504	1,578,423	8.99
	Magway	36 G6 Magway	63,778	63,773	551,666	8.65
		37 G7 Chauk	36,693	36,693	346,734	9.45
		38 G8 Yenangyaung	17,093	17,093	162,544	9.51
		39 G9 Natmauk	75,605	75,605	554,699	7.34
		40 G10 Myothit	25,445	25,445	208,010	8.17
		41 G11 Taungdwingyi	22,030	22,030	174,820	7.94
			240,644	240,639	1,998,473	8.51
	Minbu	42 G12 Minbu	50,198	50,198	543,142	10.82
		43 G13 Pwintbyu	2,588	2,588	26,863	10.38
		44 G14 Salin	35,419	35,419	418,336	11.81
		45 G15 Ngaphe	6,523	6,523	67,515	10.35
			94,728	94,728	1,055,856	10.84
	Thayet	46 G16 Thayet	5,407	5,212	49,083	9.42
		47 G17 Mindon	547	547	5,091	9.31
		48 G18 Minhla	7,515	7,515	79,002	10.51
49 G19 Aunglan		51,386	50,983	601,495	11.80	
50 G20 Sinbaungwe		19,709	19,314	198,314	10.27	
51 G21 Kamma		11,533	11,533	112,036	9.71	
		96,097	95,104	1,045,021	10.17	
		606,123	604,975	5,677,773	9.54	
		1,057,749	1,056,533	11,243,873	10.30	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-39
Sown area, harvested area, production, and yield
(Sorghum 2005)

Division	District	Township	Sorghum			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	0	0	0	0.00
		2 S2 Myinmu	0	0	0	0.00
		3 S3 Myaung	0	0	0	0.00
	Monywa	4 S4 Monywa	0	0	0	0.00
		5 S5 Chaung -U	0	0	0	0.00
		6 S6 Ayadaw	0	0	0	0.00
		7 S7 Budalin	0	0	0	0.00
		8 S8 Salingyi	0	0	0	0.00
		9 S9 Yinmabin	0	0	0	0.00
		10 S10 Pale	0	0	0	0.00
	Shwebo	11 S11 Shwebo	0	0	0	0.00
		12 S12 Taze	0	0	0	0.00
		13 S13 Wetlet	0	0	0	0.00
		14 S14 Khin- U	0	0	0	0.00
		15 S15 Ye- U	0	0	0	0.00
		16 S16 Tabayin	0	0	0	0.00
		17 S17 Kanbalu	0	0	0	0.00
		0	0	0	0.00	
Mandalay	Kyaukse	18 M1 Kyaukse	3,088	3,088	78,281	25.35
		19 M2 Myittha	2,940	2,940	45,893	15.61
		20 M3 Tada- U	3,082	3,082	35,628	11.56
	Myingyan	21 M4 Myingyan	22,850	22,850	241,753	10.58
		22 M5 Taungtha	38,494	38,494	230,963	6.00
		23 M6 Natogyi	20,543	20,543	196,802	9.58
		24 M7 Kyaukpadaung	11,414	11,414	92,111	8.07
		25 M8 Ngazun	11,652	11,652	148,851	12.77
			104,953	104,953	910,480	9.40
	Meikhtila	26 M9 Meikhtila	9,274	9,274	84,857	9.15
		27 M10 Mahlaing	26,442	26,442	225,021	8.51
		28 M11 Thazi	12,235	12,235	113,174	9.25
		29 M12 Wundwin	4,982	4,982	50,318	10.10
		52,933	52,933	473,370	9.25	
Nyaung- U	30 M13 Nyaung-U	11,720	11,720	135,996	11.60	
		11,720	11,720	135,996	11.60	
		178,716	178,716	1,679,648	11.40	
Magway	Pakokku	31 G1 Pakokku	36,314	36,314	381,297	10.50
		32 G2 Pauk	45,408	45,408	523,100	11.52
		33 G3 Myaing	75,920	75,920	800,197	10.54
		34 G4 Yesagyoy	26,054	26,054	273,567	10.50
		35 G5 Seikphyu	17,085	17,085	187,081	10.95
			200,781	200,781	2,165,242	10.80
	Magway	36 G6 Magway	0	0	0	0.00
		37 G7 Chauk	16	16	66	4.13
		38 G8 Yenangyaung	1,048	1,048	7,336	7.00
		39 G9 Natmauk	6,411	6,411	80,150	12.50
		40 G10 Myothit	6,500	6,500	62,270	9.58
		41 G11 Taungdwingyi	2,819	2,819	23,228	8.24
			16,794	16,794	173,050	6.91
	Minbu	42 G12 Minbu	6,810	6,810	78,315	11.50
		43 G13 Pwintbyu	538	538	5,122	9.52
		44 G14 Salin	2,557	2,557	24,601	9.62
		45 G15 Ngaphe	515	515	4,197	8.15
			10,420	10,420	112,235	9.70
	Thayet	46 G16 Thayet	0	0	0	0.00
		47 G17 Mindon	0	0	0	0.00
		48 G18 Minhla	0	0	0	0.00
49 G19 Aunglan		0	0	0	0.00	
50 G20 Sinbaungwe		0	0	0	0.00	
51 G21 Kamma		0	0	0	0.00	
		0	0	0	0.00	
		227,995	227,995	2,450,527	6.39	
		406,711	406,711	4,130,175	5.54	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-40
Sown area, harvested area, production, and yield
(Chickpea 2005)

Division	District	Township	Chickpea			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	17,209	17,209	283,088	16.45
		2 S2 Myinmu	9,265	9,265	145,924	15.75
		3 S3 Myaung	1,049	1,049	16,364	15.60
			27,523	27,523	445,376	15.93
	Monywa	4 S4 Monywa	15,191	15,191	258,257	17.00
		5 S5 Chung -U	16,030	16,030	273,312	17.05
		6 S6 Ayadaw	11,017	11,017	185,636	16.85
		7 S7 Budalin	17,490	17,490	298,205	17.05
		8 S8 Salingyi	37,515	37,515	634,754	16.92
		9 S9 Yinmabin	21,635	21,635	369,059	17.06
		10 S10 Pale	51,130	51,130	777,687	15.21
			170,008	170,008	2,796,910	16.73
	Shwebo	11 S11 Shwebo	7,869	7,869	161,305	20.50
		12 S12 Taze	3,218	3,218	62,170	19.32
		13 S13 Wetlet	35,788	35,788	679,972	19.00
		14 S14 Khin- U	7,858	7,858	151,659	19.30
		15 S15 Ye- U	4,327	4,327	84,377	19.50
16 S16 Tabayin		8,154	8,154	154,926	19.00	
17 S17 Kanbalu		712	712	13,742	19.30	
		67,926	67,926	1,308,151	19.42	
		265,457	265,457	4,550,437	17.70	
Mandalay	Kyaukse	18 M1 Kyaukse	8,055	8,055	86,591	10.75
		19 M2 Myittha	4,835	4,835	54,770	11.33
		20 M3 Tada- U	8,010	8,010	90,113	11.25
			20,900	20,900	231,474	11.11
	Myingyan	21 M4 Myingyan	10,509	10,509	106,666	10.15
		22 M5 Taungtha	1,511	1,511	11,937	7.90
		23 M6 Natogyi	1,974	1,974	15,200	7.70
		24 M7 Kyaukpadaung	1,070	1,070	10,732	10.03
		25 M8 Ngazun	2,589	2,589	27,236	10.52
			17,653	17,653	171,771	9.26
	Meikhtila	26 M9 Meikhtila	2,415	2,415	16,301	6.75
		27 M10 Mahlaing	2,201	2,201	18,797	8.54
		28 M11 Thazi	6,609	6,609	49,898	7.55
29 M12 Wundwin		7,432	7,432	82,421	11.09	
		18,657	18,657	167,417	8.48	
Nyaung- U	30 M13 Nyaung-U	293	293	1,611	5.50	
		293	293	1,611	5.50	
		57,503	57,503	572,273	9.16	
Magway	Pakokku	31 G1 Pakokku	1,621	1,621	17,021	10.50
		32 G2 Pauk	2,502	2,502	30,024	12.00
		33 G3 Myaing	8,096	8,096	94,076	11.62
		34 G4 Yesagyoy	13,256	13,256	204,010	15.39
		35 G5 Seikphyu	3,891	3,891	48,638	12.50
			29,366	29,366	393,769	12.40
	Magway	36 G6 Magway	1,190	1,190	14,875	12.50
		37 G7 Chauk	83	83	747	9.00
		38 G8 Yenangyaung	765	765	9,562	12.50
		39 G9 Natmauk	3,125	3,125	41,406	13.25
		40 G10 Myothit	4,058	4,058	52,916	13.04
		41 G11 Taungdwingyi	5,476	5,476	77,485	14.15
			14,697	14,697	196,991	12.41
	Minbu	42 G12 Minbu	16,855	16,855	245,750	14.58
		43 G13 Pwintbyu	26,525	26,525	389,125	14.67
		44 G14 Salin	25,368	25,368	366,060	14.43
45 G15 Ngaphe		452	452	6,260	13.85	
		69,200	69,200	1,007,195	14.38	
Thayet	46 G16 Thayet	1,522	1,522	19,238	12.64	
	47 G17 Mindon	4,665	4,665	68,342	14.65	
	48 G18 Minhla	3,811	3,811	45,618	11.97	
	49 G19 Aunglan	3,861	3,861	62,548	16.20	
	50 G20 Sinbaungwe	1,348	1,348	16,432	12.19	
	51 G21 Kamma	1,563	1,563	20,991	13.43	
		16,770	16,770	233,169	13.51	
		130,033	130,033	1,831,124	13.10	
		452,993	452,993	6,953,834	13.63	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-41
Sown area, harvested area, production, and yield
(Sunflower 2005)

Division	District	Township	Sunflower			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	30,643	30,643	697,021	22.75
		2 S2 Myinmu	13,791	13,791	316,734	22.97
		3 S3 Myaung	14,130	14,130	337,127	23.86
			58,564	58,564	1,350,882	23.19
	Monywa	4 S4 Monywa	0	0	0	0.00
		5 S5 Chaung -U	7,311	7,311	166,398	22.76
		6 S6 Ayadaw	3,209	3,209	66,510	20.73
		7 S7 Budalin	49,200	49,200	1,240,204	25.21
		8 S8 Salingyi	17,733	17,733	400,062	22.56
		9 S9 Yinmabin	26,377	26,377	591,396	22.42
		10 S10 Pale	21,319	21,319	427,635	20.06
			125,149	125,149	2,892,205	19.10
	Shwebo	11 S11 Shwebo	816	816	19,086	23.39
		12 S12 Taze	12,377	12,377	288,730	23.33
		13 S13 Wetlet	14,284	14,284	335,674	23.50
		14 S14 Khin- U	1,830	1,830	43,005	23.50
		15 S15 Ye- U	8,186	8,186	187,850	22.95
16 S16 Tabayin		4,574	4,574	104,332	22.81	
17 S17 Kanbalu		27,803	27,803	634,149	22.81	
		69,870	69,870	1,612,826	23.18	
		253,583	253,583	5,855,913	21.51	
Mandalay	Kyaukse	18 M1 Kyaukse	6,546	6,546	176,240	26.92
		19 M2 Myittha	4,131	4,131	103,365	25.02
		20 M3 Tada- U	16,475	16,475	421,101	25.56
			27,152	27,152	700,706	25.84
	Myingyan	21 M4 Myingyan	2,262	2,262	58,518	25.87
		22 M5 Taungtha	1,710	1,710	35,390	20.70
		23 M6 Natogyi	695	695	13,476	19.39
		24 M7 Kyaukpadaung	7,112	7,112	121,220	17.04
		25 M8 Ngazun	2,183	2,183	31,846	14.59
			13,962	13,962	260,450	19.52
	Meikhtila	26 M9 Meikhtila	6,806	6,806	118,415	17.40
		27 M10 Mahlaing	6,763	6,763	161,694	23.91
		28 M11 Thazi	5,091	4,741	82,808	17.47
29 M12 Wundwin		2,264	2,264	42,058	18.58	
		20,924	20,574	404,975	19.34	
Nyaung- U	30 M13 Nyaung-U	24	24	505	21.04	
		24	24	505	21.04	
		62,062	61,712	1,366,636	21.04	
Magway	Pakokku	31 G1 Pakokku	17,414	17,414	212,842	12.22
		32 G2 Pauk	13,039	13,039	152,183	11.67
		33 G3 Myaing	16,119	16,119	215,804	13.39
		34 G4 Yesagyo	34,122	34,122	559,729	16.40
		35 G5 Seikphyu	14,156	14,156	198,232	14.00
			94,850	94,850	1,338,790	13.54
	Magway	36 G6 Magway	10,419	10,419	102,597	9.85
		37 G7 Chauk	9,566	9,464	89,920	9.50
		38 G8 Yenangyaung	27,142	27,142	383,417	14.13
		39 G9 Natmauk	49,981	49,981	634,515	12.70
		40 G10 Myothit	15,518	15,518	166,530	10.73
		41 G11 Taungdwingyi	17,488	17,488	265,243	15.17
			130,114	130,012	1,642,222	12.01
	Minbu	42 G12 Minbu	41,314	41,314	873,410	21.14
		43 G13 Pwintbyu	37,146	36,993	761,617	20.59
		44 G14 Salin	51,960	51,960	1,071,668	20.62
		45 G15 Ngaphe	6,355	6,355	107,708	16.95
		136,775	136,622	2,814,403	19.83	
Thayet	46 G16 Thayet	5,834	5,834	80,695	13.83	
	47 G17 Mindon	7,867	7,867	123,449	15.69	
	48 G18 Minhla	9,292	9,292	126,283	13.59	
	49 G19 Aunglan	20,711	20,607	307,568	14.93	
	50 G20 Sinbaungwe	10,264	10,068	115,132	11.44	
	51 G21 Kamma	14,073	13,268	202,363	15.25	
		68,041	66,936	955,490	14.12	
		429,780	428,420	6,750,905	14.47	
		745,425	743,715	13,973,454	18.49	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-42
Sown area, harvested area, production, and yield
(Soybean 2005)

Division	District	Township	Soybean			
			Net Sown Area (acre)	Harvested Area (acre)	Production (bskt)	Yield (bskt/acre)
Sagaing	Sagaing	1 S1 Sagaing	1,767	1,767	25,622	14.50
		2 S2 Myinmu	623	623	8,666	13.91
		3 S3 Myaung	16,007	16,007	229,666	14.35
			18,397	18,397	263,954	14.25
	Monywa	4 S4 Monywa	0	0	0	0.00
		5 S5 Chaung -U	0	0	0	0.00
		6 S6 Ayadaw	0	0	0	0.00
		7 S7 Budalin	0	0	0	0.00
		8 S8 Salingyi	0	0	0	0.00
		9 S9 Yinmabin	0	0	0	0.00
		10 S10 Pale	3	3	22	7.33
			3	3	22	1.05
	Shwebo	11 S11 Shwebo	0	0	0	0.00
		12 S12 Taze	87	87	870	10.00
		13 S13 Wetlet	0	0	0	0.00
		14 S14 Khin- U	0	0	0	0.00
		15 S15 Ye- U	259	259	2,851	11.01
16 S16 Tabayin		159	159	2,131	13.40	
17 S17 Kanbalu		23	23	219	9.52	
		528	528	6,071	6.28	
		18,928	18,928	270,047	5.53	
Mandalay	Kyaukse	18 M1 Kyaukse	0	0	0	0.00
		19 M2 Myittha	0	0	0	0.00
		20 M3 Tada- U	0	0	0	0.00
			0	0	0	0.00
	Myingyan	21 M4 Myingyan	6,509	6,509	66,392	10.20
		22 M5 Taungtha	78	78	586	7.51
		23 M6 Natogyi	0	0	0	0.00
		24 M7 Kyaukpadaung	0	0	0	0.00
		25 M8 Ngazun	4,957	4,957	47,141	9.51
			11,544	11,544	114,119	5.44
	Meikhtila	26 M9 Meikhtila	0	0	0	0.00
		27 M10 Mahlaing	0	0	0	0.00
		28 M11 Thazi	251	251	2,134	8.50
29 M12 Wundwin		0	0	0	0.00	
		251	251	2,134	2.13	
Nyaung- U	30 M13 Nyaung-U	0	0	0	0.00	
		0	0	0	0.00	
		11,795	11,795	116,253	2.75	
Magway	Pakokku	31 G1 Pakokku	0	0	0	0.00
		32 G2 Pauk	0	0	0	0.00
		33 G3 Myaing	0	0	0	0.00
		34 G4 Yesagyoy	1,889	1,889	19,904	10.54
		35 G5 Seikphyu	0	0	0	0.00
			1,889	1,889	19,904	2.11
	Magway	36 G6 Magway	0	0	0	0.00
		37 G7 Chauk	0	0	0	0.00
		38 G8 Yenangyaung	0	0	0	0.00
		39 G9 Natmauk	0	0	0	0.00
		40 G10 Myothit	0	0	0	0.00
		41 G11 Taungdwingyi	0	0	0	0.00
			0	0	0	0.00
	Minbu	42 G12 Minbu	0	0	0	0.00
		43 G13 Pwintbyu	0	0	0	0.00
		44 G14 Salin	319	319	3,940	12.35
		45 G15 Ngaphe	0	0	0	0.00
		319	319	3,940	3.09	
Thayet	46 G16 Thayet	0	0	0	0.00	
	47 G17 Mindon	110	110	1,127	10.25	
	48 G18 Minhla	0	0	0	0.00	
	49 G19 Aunglan	0	0	0	0.00	
	50 G20 Sinbaungwe	0	0	0	0.00	
	51 G21 Kamma	303	303	3,494	11.53	
		413	413	4,621	3.63	
		2,621	2,621	28,465	2.13	
		33,344	33,344	414,765	3.42	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-43
Sown area, harvested area, production, and yield
(Chili (dry) 2005)

Division	District	Township	Chili (dry)			
			Net Sown Area (acre)	Harvested Area (acre)	Production (viss)	Yield (viss/acre)
Sagaing	Sagaing	1 S1 Sagaing	641	641	162,503	253.51
		2 S2 Myinmu	209	209	51,740	247.56
		3 S3 Myaung	384	384	94,080	245.00
			1,234	1,234	308,323	248.69
	Monywa	4 S4 Monywa	0	0	0	0.00
		5 S5 Chaung -U	293	293	83,760	285.87
		6 S6 Ayadaw	44	44	3,520	80.00
		7 S7 Budalin	0	0	0	0.00
		8 S8 Salingyi	0	0	0	0.00
		9 S9 Yinmabin	2,195	2,195	551,701	251.34
		10 S10 Pale	177	177	45,683	258.10
			2,709	2,709	684,664	125.04
	Shwebo	11 S11 Shwebo	0	0	0	0.00
		12 S12 Taze	0	0	0	0.00
		13 S13 Wetlet	0	0	0	0.00
		14 S14 Khin- U	0	0	0	0.00
		15 S15 Ye- U	0	0	0	0.00
16 S16 Tabayin		0	0	0	0.00	
17 S17 Kanbalu		0	0	0	0.00	
		0	0	0	0.00	
		3,943	3,943	992,987	95.38	
Mandalay	Kyaukse	18 M1 Kyaukse	5,696	5,696	874,336	153.50
		19 M2 Myittha	5,933	5,933	841,594	141.85
		20 M3 Tada- U	1,970	1,970	295,796	150.15
			13,599	13,599	2,011,726	148.50
	Myingyan	21 M4 Myingyan	2,920	2,920	262,057	89.75
		22 M5 Taungtha	403	403	91,888	228.01
		23 M6 Natogyi	1,455	1,455	218,579	150.23
		24 M7 Kyaukpadaung	929	929	62,717	67.51
		25 M8 Ngazun	88	88	6,089	69.19
			5,795	5,795	641,330	120.94
	Meikhtila	26 M9 Meikhtila	9,160	9,159	1,055,699	115.26
		27 M10 Mahlaing	4,278	4,278	1,523,980	356.24
		28 M11 Thazi	25,088	20,457	2,413,926	118.00
29 M12 Wundwin		24,307	19,097	2,353,222	123.22	
		62,833	52,991	7,346,827	178.18	
Nyaung- U	30 M13 Nyaung-U	312	302	52,880	175.10	
		312	302	52,880	175.10	
		82,539	72,687	10,052,763	149.08	
Magway	Pakokku	31 G1 Pakokku	2,303	2,303	541,389	235.08
		32 G2 Pauk	0	0	0	0.00
		33 G3 Myaing	110	110	29,174	265.22
		34 G4 Yesagyoy	1,660	1,660	260,264	156.79
		35 G5 Seikphyu	308	308	80,280	260.65
			4,381	4,381	911,107	183.55
	Magway	36 G6 Magway	219	219	60,335	275.50
		37 G7 Chauk	24	24	7,360	306.67
		38 G8 Yenangyaung	582	582	148,916	255.87
		39 G9 Natmauk	6,628	6,628	585,306	88.31
		40 G10 Myothit	480	480	60,768	126.60
		41 G11 Taungdwingyi	0	0	0	0.00
			7,933	7,933	862,685	175.49
	Minbu	42 G12 Minbu	1,484	1,484	364,470	245.60
		43 G13 Pwintbyu	3,720	3,720	893,544	240.20
		44 G14 Salin	6,650	6,650	1,454,140	218.67
		45 G15 Ngaphe	0	0	0	0.00
			11,854	11,854	2,712,154	176.12
	Thayet	46 G16 Thayet	721	721	118,698	164.63
		47 G17 Mindon	85	85	18,624	219.11
		48 G18 Minhla	193	193	43,425	225.00
49 G19 Aunglan		73	73	19,178	262.71	
50 G20 Sinbaungwe		539	539	146,500	271.80	
51 G21 Kamma		92	92	24,012	261.00	
		1,703	1,703	370,437	234.04	
		25,871	25,871	4,856,383	194.26	
		112,353	102,501	15,902,133	149.78	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-44
Sown area, harvested area, production, and yield
(Onion 2005)

Division	District	Township	Onion			
			Net Sown Area (acre)	Harvested Area (acre)	Production (viss)	Yield (viss/acre)
Sagaing	Sagaing	1 S1 Sagaing	2,606	2,606	7,918,150	3,038
		2 S2 Myinmu	3,387	3,387	12,585,050	3,716
		3 S3 Myaung	2,002	2,002	7,613,230	3,803
			7,995	7,995	28,116,430	3,519
	Monywa	4 S4 Monywa	4,552	4,552	15,709,346	3,451
		5 S5 Chaung -U	267	267	921,150	3,450
		6 S6 Ayadaw	396	396	1,376,100	3,475
		7 S7 Budalin	620	620	2,542,000	4,100
		8 S8 Salingyi	3,312	3,312	11,459,520	3,460
		9 S9 Yinmabin	2,435	2,435	9,740,000	4,000
		10 S10 Pale	96	96	355,200	3,700
			11,678	11,678	42,103,316	3,662
	Shwebo	11 S11 Shwebo	309	309	1,158,750	3,750
		12 S12 Taze	109	109	408,750	3,750
		13 S13 Wetlet	1,243	1,243	4,661,250	3,750
		14 S14 Khin- U	2,959	2,959	11,244,200	3,800
		15 S15 Ye- U	1,699	1,699	6,371,250	3,750
16 S16 Tabayin		693	693	2,633,400	3,800	
17 S17 Kanbalu		257	257	950,900	3,700	
		7,269	7,269	27,428,500	3,757	
		26,942	26,942	97,648,246	3,676	
Mandalay	Kyaukse	18 M1 Kyaukse	7,755	7,755	16,867,125	2,175
		19 M2 Myittha	6,419	6,419	15,084,650	2,350
		20 M3 Tada- U	1,854	1,854	4,635,000	2,500
				16,028	16,028	36,586,775
	Myingyan	21 M4 Myingyan	10,043	10,043	33,879,600	3,373
		22 M5 Taungtha	8,650	8,650	28,010,920	3,238
		23 M6 Natogyi	4,609	4,609	9,378,550	2,035
		24 M7 Kyaukpadaung	1,054	1,054	2,441,000	2,316
		25 M8 Ngazun	810	810	2,847,604	3,516
			25,166	25,166	76,557,674	2,896
	Meikhtila	26 M9 Meikhtila	1,605	1,605	4,325,475	2,695
		27 M10 Mahlaing	3,014	3,014	9,855,780	3,270
		28 M11 Thazi	1,152	1,152	2,908,800	2,525
29 M12 Wundwin		1,723	1,723	2,674,096	1,552	
		7,494	7,494	19,764,151	2,511	
Nyaung- U	30 M13 Nyaung-U	571	571	2,572,355	4,505	
		571	571	2,572,355	4,505	
		49,259	49,259	135,480,955	2,773	
Magway	Pakokku	31 G1 Pakokku	3,372	3,372	15,162,198	4,497
		32 G2 Pauk	2,321	2,321	10,490,920	4,520
		33 G3 Myaing	470	470	2,062,125	4,388
		34 G4 Yesagyo	6,420	6,420	28,923,589	4,505
		35 G5 Seikphyu	3,752	3,752	21,791,616	5,808
			16,335	16,335	78,430,448	4,743
	Magway	36 G6 Magway	1,149	1,149	5,587,571	4,863
		37 G7 Chauk	435	435	1,914,000	4,400
		38 G8 Yenangyaung	3,081	3,081	12,786,150	4,150
		39 G9 Natmauk	860	860	4,868,820	5,661
		40 G10 Myothit	5,784	5,784	23,294,944	4,027
		41 G11 Taungdwingyi	2,812	2,812	11,951,000	4,250
			14,121	14,121	60,402,485	4,559
	Minbu	42 G12 Minbu	1,807	1,807	6,604,585	3,655
		43 G13 Pwintbyu	2,320	2,320	8,474,960	3,653
		44 G14 Salin	3,413	3,413	12,464,276	3,652
		45 G15 Ngaphe	263	263	933,650	3,550
			7,803	7,803	28,477,471	3,628
	Thayet	46 G16 Thayet	683	683	2,701,265	3,955
		47 G17 Mindon	227	227	897,104	3,952
		48 G18 Minhla	295	295	756,675	2,565
49 G19 Aunglan		1,026	1,026	4,052,700	3,950	
50 G20 Sinbaungwe		94	94	294,032	3,128	
51 G21 Kamma		336	336	1,382,640	4,115	
		2,661	2,661	10,084,416	3,611	
		40,920	40,920	177,394,820	4,154	
		117,121	117,121	410,524,021	3,643	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-45
Sown area, harvested area, production, and yield
(Potato 2005)

Division	District	Township	Potato				
			Net Sown Area (acre)	Harvested Area (acre)	Production (viss)	Yield (viss/acre)	
Sagaing	Sagaing	1 S1 Sagaing	0	0	0	0	
		2 S2 Myinmu	178	178	729,800	4,100	
		3 S3 Myaung	0	0	0	0	
			178	178	729,800	1,367	
	Monywa	Monywa	4 S4 Monywa	0	0	0	0
			5 S5 Chaung-U	0	0	0	0
			6 S6 Ayadaw	0	0	0	0
			7 S7 Budalin	0	0	0	0
			8 S8 Salingyi	0	0	0	0
			9 S9 Yinmabin	515	515	2,111,540	4,100
			10 S10 Pale	8	8	28,000	3,500
			523	523	2,139,540	1,086	
	Shwebo	Shwebo	11 S11 Shwebo	0	0	0	0
			12 S12 Taze	0	0	0	0
			13 S13 Wetlet	0	0	0	0
			14 S14 Khin-U	1,422	1,422	5,901,300	4,150
			15 S15 Ye-U	269	269	1,102,900	4,100
16 S16 Tabayin			6	6	24,000	4,000	
17 S17 Kanbalu			28	28	112,000	4,000	
		1,725	1,725	7,140,200	2,321		
		2,426	2,426	10,009,540	1,644		
Mandalay	Kyaukse	18 M1 Kyaukse	0	0	0	0	
		19 M2 Myittha	0	0	0	0	
		20 M3 Tada-U	0	0	0	0	
			0	0	0	0	
	Myingyan	Myingyan	21 M4 Myingyan	31	31	31,000	1,000
			22 M5 Taungtha	87	87	156,000	1,793
			23 M6 Natogyi	0	0	0	0
			24 M7 Kyaukpadaung	0	0	0	0
			25 M8 Ngazun	0	0	0	0
			118	118	187,000	559	
	Meikhtila	Meikhtila	26 M9 Meikhtila	0	0	0	0
			27 M10 Mahlaing	0	0	0	0
28 M11 Thazi			0	0	0	0	
29 M12 Wundwin			244	244	470,920	1,930	
		244	244	470,920	483		
Nyaung-U	30 M13 Nyaung-U	0	0	0	0		
		0	0	0	0		
		362	362	657,920	363		
Magway	Pakokku	31 G1 Pakokku	235	235	1,241,975	5,285	
		32 G2 Pauk	278	278	1,461,515	5,257	
		33 G3 Myaing	0	0	0	0	
		34 G4 Yesagy	0	0	0	0	
		35 G5 Seikphyu	0	0	0	0	
			513	513	2,703,490	2,108	
	Magway	Magway	36 G6 Magway	152	152	706,800	4,650
			37 G7 Chauk	119	119	511,700	4,300
			38 G8 Yenangyaung	57	57	275,880	4,840
			39 G9 Natmauk	26	26	91,000	3,500
			40 G10 Myothit	15	15	60,300	4,020
			41 G11 Taungdwingyi	226	226	854,280	3,780
			595	595	2,499,960	4,182	
	Minbu	Minbu	42 G12 Minbu	27	27	113,400	4,200
			43 G13 Pwintbyu	18	18	72,000	4,000
			44 G14 Salin	3,078	3,078	11,314,728	3,676
45 G15 Ngaphe			0	0	0	0	
		3,123	3,123	11,500,128	2,969		
Thayet	Thayet	46 G16 Thayet	0	0	0	0	
		47 G17 Mindon	0	0	0	0	
		48 G18 Minhla	0	0	0	0	
		49 G19 Aunglan	72	72	361,800	5,025	
		50 G20 Sinbaungwe	10	10	46,730	4,673	
		51 G21 Kamma	0	0	0	0	
		82	82	408,530	1,616		
		4,313	4,313	17,112,108	2,724		
		7,101	7,101	27,779,568	1,762		

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-46
Sown area, harvested area, production, and yield
(Toddy 2005)

Division	District	Township	Toddy			
			Net Sown Area (acre)	Harvested Area (acre)	Production (viss)	Yield (viss/acre)
Sagaing	Sagaing	1 S1 Sagaing	2,080	2,080	7,366,667	3,542
		2 S2 Myinmu	740	740	2,620,833	3,542
		3 S3 Myaung	934	934	3,307,917	3,542
			3,754	3,754	13,295,417	3,542
	Monywa	4 S4 Monywa	629	629	2,232,950	3,550
		5 S5 Chaung-U	1,312	1,312	4,651,040	3,545
		6 S6 Ayadaw	2,806	2,806	9,933,240	3,540
		7 S7 Budalin	2,000	2,000	7,080,000	3,540
		8 S8 Salingyi	1,249	1,249	4,425,207	3,543
		9 S9 Yinmabin	1,974	1,974	6,997,830	3,545
		10 S10 Pale	1,065	1,065	3,764,775	3,535
			11,035	11,035	39,085,042	3,543
	Shwebo	11 S11 Shwebo	786	786	2,554,500	3,250
		12 S12 Taze	1,786	1,786	5,804,500	3,250
		13 S13 Wetlet	946	946	3,066,620	3,242
		14 S14 Khin-U	1,560	1,560	5,070,000	3,250
		15 S15 Ye-U	977	977	3,167,112	3,242
16 S16 Tabayin		98	98	318,500	3,250	
17 S17 Kanbalu		302	302	978,984	3,241	
		6,455	6,455	20,960,216	3,246	
		21,244	21,244	73,340,675	3,420	
Mandalay	Kyaukse	18 M1 Kyaukse	0	0	0	0
		19 M2 Myittha	0	0	0	0
		20 M3 Tada-U	1,854	1,854	16,844	5,543
			1,854	1,854	16,844	1,848
	Myingyan	21 M4 Myingyan	1,579	869	4,831	3,390
		22 M5 Taungtha	3,840	1,810	10,649	3,586
		23 M6 Natogyi	5,103	5,103	27,097	3,238
		24 M7 Kyaukpadaung	4,172	3,702	21,158	3,488
		25 M8 Ngazun	2,755	1,708	8,403	3,000
			17,449	13,192	72,138	3,340
	Meikhtila	26 M9 Meikhtila	0	0	0	0
		27 M10 Mahlaing	4,821	2,866	32,873	6,994
		28 M11 Thazi	0	0	0	0
29 M12 Wundwin		0	0	0	0	
		4,821	2,866	32,873	1,749	
Nyaung-U	30 M13 Nyaung-U	2,766	2,766	12,641	2,786	
		2,766	2,766	12,641	2,786	
		26,890	20,678	134,496	2,463	
Magway	Pakokku	31 G1 Pakokku	2,850	2,850	8,840,615	3,102
		32 G2 Pauk	407	407	1,262,800	3,103
		33 G3 Myaing	6,145	6,145	15,952,073	2,596
		34 G4 Yesagy	6,031	6,031	10,848,214	1,799
		35 G5 Seikphyu	611	611	1,895,316	3,102
			16,044	16,044	38,799,018	2,740
	Magway	36 G6 Magway	814	814	2,737,921	3,364
		37 G7 Chauk	1,629	1,629	4,880,802	2,996
		38 G8 Yenangyaung	1,236	1,236	3,780,810	3,059
		39 G9 Natmauk	1,114	1,114	3,353,032	3,010
		40 G10 Myothit	94	94	331,279	3,524
		41 G11 Taungdwingyi	0	0	0	0
			4,887	4,887	15,083,844	2,659
	Minbu	42 G12 Minbu	108	108	324,600	3,006
		43 G13 Pwintbyu	39	39	119,675	3,069
		44 G14 Salin	703	703	2,171,125	3,088
		45 G15 Ngaphe	0	0	0	0
			850	850	2,615,400	2,291
	Thayet	46 G16 Thayet	0	0	0	0
		47 G17 Mindon	0	0	0	0
		48 G18 Minhla	0	0	0	0
49 G19 Aunglan		34	34	93,670	2,755	
50 G20 Sinbaungwe		0	0	0	0	
51 G21 Kamma		0	0	0	0	
		34	34	93,670	459	
		21,815	21,815	56,591,932	1,980	
		69,949	63,737	130,067,103	2,583	

Source: Township Profile, TPDC, Various reports from Township MAS, Settlement and Land Record

Table-47
Agro-industries by type and number (2005) (1)

Unit: 1,000 Acre

			Agro Processingp ulses	Sugra Processing industry	Cotton ginning & processing	Condensed milk industry	Food Stuff Industries	Grinding & crushing mill	Oil crushing mill	Rice mill	Rice mill (large)	Ricemill (small)	
Sagaing	Sagaing	1 S1 Sagaing											
		2 S2 Myinmu			2	2			7	30			
		3 S3 Myaung						1	13				
			-	-	2	2	-	1	20		-	-	
	Monywa	4 S4 Monywa			6			7	18				
		5 S5 Chaung -U						13	25	166			
		6 S6 Ayadaw			39			7	42		2	78	
		7 S7 Budalin						2	24	7			
		8 S8 Salingyi			6			27	44	192			
		9 S9 Yinmabin	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
		10 S10 Pale	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	62	399		
	Shwebo	11 S11 Shwebo		7		3		3	11	52			
		12 S12 Taze						5	11	89			
		13 S13 Wetlet							17		13	25	
		14 S14 Khin- U						1	5	8			
		15 S15 Ye- U						8	3	95			
		16 S16 Tabayin						7	11		6		
17 S17 Kanbalu			1				3	53	91				
		-	8	-	3	-	27	111		19	25		
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		#N/A	#N/A		
Mandalay	Kyaukse	18 M1 Kyaukse					2	2	3	2			
		19 M2 Myittha			1	6			12	150			
		20 M3 Tada- U			1			1	18	25			
			-	-	2	6	2	3	33		-	-	
	Myingyan	21 M4 Myingyan			2			34	58				
		22 M5 Taungtha			1			12	42	28			
		23 M6 Natogyi			53			1	1				
		24 M7 Kyaukpadaung						16	34				
		25 M8 Ngazun	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
	Meikhtila	26 M9 Meikhtila						9	23	18			
		27 M10 Mahlaing			2				37				
		28 M11 Thazi				10							
		29 M12 Wundwin							15	132			
Nyaung- U	30 M13 Nyaung-U			2	10	-	9	75		-	-		
							2	4	4				
		-	-	-	-	2	4	4		-	-		
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		#N/A	#N/A		
Magway	Pakokku	31 G1 Pakokku		1	27			252	123				
		32 G2 Pauk			15			2	4	50			
		33 G3 Myaing					4		11				
		34 G4 Yesagyo					3	1	8				
		35 G5 Seikphyu			1			1					
			-	1	43	-	7	256	146		-	-	
	Magway	36 G6 Magway		4			2		26	36	1		
		37 G7 Chauk	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
		38 G8 Yenangyaung						2	16				
		39 G9 Natmauk	64		5				149	172			
		40 G10 Myothit			1		6		6	16			
		41 G11 Taungdwingyi	12		1	6	26	14	26	26			
			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		#N/A	#N/A	
	Minbu	42 G12 Minbu			2			13	21		5		
		43 G13 Pwintbyu						1	20	90			
		44 G14 Salin			1								
		45 G15 Ngaphe	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		#N/A	#N/A	
Thayet	46 G16 Thayet			37			5	19	70				
	47 G17 Mindon						13	17	102				
	48 G18 Minhla			46				7	65				
	49 G19 Aunglan		2	8			2	12					
	50 G20 Sinbaungwe	47		3		19		17	97				
	51 G21 Kamma												
		47	2	94	-	19	20	72		-	-		
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		#N/A	#N/A		
Total			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	-	#N/A	#N/A	

Source:MAS Land Use Division

Table-48
Agro-industries by type and number (2005) (2)

Unit: 1,000 Acre

			Huller rice mill	Vermi celli industry	Noodle factory	Tobasco industry	Virginia Tobacco industry	Wheat flour mill	
Sagaing	Sagaing	1 S1 Sagaing						1	
		2 S2 Myinmu							
		3 S3 Myaung	25			1	1	2	
			25	-	-	1	1	3	
	Monywa	4 S4 Monywa							3
		5 S5 Chaung-U			1				
		6 S6 Ayadaw			1				
		7 S7 Budalin							
		8 S8 Salingyi							
		9 S9 Yinmabin	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
		10 S10 Pale	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
	Shwebo	11 S11 Shwebo				4			6
		12 S12 Taze							
		13 S13 Wetlet	295						
		14 S14 Khin-U							
		15 S15 Ye-U							
		16 S16 Tabayin	127						
17 S17 Kanbalu									
		422	-	4	-	-	-	6	
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
Mandalay	Kyaukse	18 M1 Kyaukse							
		19 M2 Myittha							
		20 M3 Tada-U				5			
			-	-	-	5	-	-	
	Myingyan	21 M4 Myingyan			7	23		15	
		22 M5 Taungtha			1	2			
		23 M6 Natogyi							
		24 M7 Kyaukpadaung			1				
		25 M8 Ngazun	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
	Meikhtila	26 M9 Meikhtila							
		27 M10 Mahlaing							
		28 M11 Thazi							
29 M12 Wundwin									
Nyaung-U	30 M13 Nyaung-U			2					
				2					
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
Magway	Pakokku	31 G1 Pakokku				10			
		32 G2 Pauk				1			
		33 G3 Myaing							
		34 G4 Yesagyio							
		35 G5 Seikphyu							
			-	-	-	11	-	-	
	Magway	36 G6 Magway							
		37 G7 Chauk	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
		38 G8 Yenangyaung			1				
		39 G9 Natmauk							
		40 G10 Myothit				9			
		41 G11 Taungdwingyi				4			
			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
	Minbu	42 G12 Minbu	12		2			1	
		43 G13 Pwintbyu							
		44 G14 Salin							
		45 G15 Ngaphe	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
			#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	
Thayet	46 G16 Thayet								
	47 G17 Mindon								
	48 G18 Minhla								
	49 G19 Aunglan			2					
	50 G20 Sinbaungwe								
	51 G21 Kamma								
		-	-	2	-	-	-		
		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		
Total		#N/A	#N/A	#N/A	#N/A	#N/A	#N/A		

Source: MAS Land Use Division

Table-49
Number of livestock (2005)

		Households (2005)	Head (2005)					Head Per Capita Production					
			Cattle	Sheep / Goats	Pig	Chicken	Duck	Cattle	Sheep / Goats	Pig	Chicken	Duck	
Sagaing	Sagaing	1 S1 Sagaing	50,293	111,926	34,483	11,000	374,596	1,231	2,225	0.686	0.219	7,448	0.024
		2 S2 Myinmu	21,952	60,411	30,156	9,982	130,083	611	2,752	1.374	0.455	5,926	0.028
		3 S3 Myaung	19,708	51,194	15,932	10,358	215,487	5,420	2,598	0.808	0.526	10,934	0.275
		Total	91,953	223,531	80,571	31,340	720,166	7,262	2,431	0.876	0.341	7,832	0.079
	Monywa	4 S4 Monywa	60,969	61,346	35,899	15,624	340,519	4,509	1,006	0.589	0.256	5,585	0.074
		5 S5 Chaung-U	32,095	28,597	28,790	17,592	228,435	997	0.891	0.897	0.548	7,117	0.031
		6 S6 Ayadaw	26,427	72,620	35,372	16,214	111,833	-	2,748	1.338	0.614	4,232	0.000
		7 S7 Budalin	31,682	70,408	19,643	10,013	109,481	-	2,222	0.620	0.316	3,456	0.000
		8 S8 Salingyi	21,123	42,148	46,085	9,724	194,676	1,460	1,995	2.182	0.460	9,216	0.069
		9 S9 Yinnabin	23,696	74,386	34,232	14,828	152,217	1,036	3,139	1.445	0.626	6,424	0.044
		10 S10 Pale	23,549	62,829	7,673	22,813	78,680	1,034	2,668	0.326	0.969	3,341	0.044
		Total	219,541	412,334	207,694	106,808	1,215,841	9,036	1,878	0.946	0.487	5,538	0.041
	Shwebo	11 S11 Shwebo	53,021	99,853	12,403	15,073	218,346	11,313	1,883	0.234	0.284	4,118	0.213
		12 S12 Taze	35,087	96,076	1,442	15,168	184,517	1,274	2,738	0.041	0.432	5,259	0.036
		13 S13 Wetlet	44,150	123,904	17,532	28,709	264,623	10,677	2,806	0.397	0.650	5,994	0.242
		14 S14 Khin-U	27,112	95,487	7,784	20,403	217,554	5,760	3,522	0.287	0.753	8,024	0.212
		15 S15 Ye-U	26,749	60,977	3,131	8,518	106,157	2,043	2,280	0.117	0.318	3,969	0.076
16 S16 Tabayin		24,550	73,586	2,610	6,520	109,578	1,286	2,997	0.106	0.266	4,463	0.052	
17 S17 Kanbalu		42,419	148,755	7,376	31,077	494,703	4,790	3,507	0.174	0.733	11,662	0.113	
	Total	253,088	698,638	52,278	125,468	1,595,478	37,143	2,760	0.207	0.496	6,304	0.147	
	Total	564,582	1,334,503	340,543	263,616	3,531,485	53,441	2,364	0.603	0.467	6,255	0.095	
Mandalay	Kyaukse	18 M1 Kyaukse	47,784	60,376	8,394	8,678	120,393	1,464	1,264	0.176	0.182	2,520	0.031
		19 M2 Myittha	43,309	47,546	10,390	7,364	84,481	3,065	1,098	0.240	0.170	1,951	0.071
		20 M3 Tada-U	25,473	151,515	40,521	15,420	178,821	2,675	5,948	1.591	0.605	7,020	0.105
		Total	116,566	259,437	59,305	31,462	383,695	7,204	2,226	0.509	0.270	3,292	0.062
	Myingyan	21 M4 Myingyan	81,555	89,085	38,206	19,068	205,788	6,888	1,092	0.468	0.234	2,523	0.084
		22 M5 Taungtha	65,443	79,954	78,910	16,770	232,859	950	1,222	1.206	0.256	3,558	0.015
		23 M6 Natogyi	53,311	95,508	42,625	11,853	120,378	93	1,792	0.800	0.222	2,258	0.002
		24 M7 Kyaukpadaung	50,870	92,268	60,585	26,555	183,187	-	1,814	1.191	0.522	3,601	0.000
		25 M8 Ngazun	43,462	62,314	35,354	10,369	137,929	2,042	1,434	0.813	0.239	3,174	0.047
		Total	294,641	419,129	255,680	84,615	880,141	9,973	1,423	0.868	0.287	2,987	0.034
	Meikhtila	26 M9 Meikhtila	49,608	132,213	90,929	29,402	497,175	14,286	2,665	1.833	0.593	10,022	0.288
		27 M10 Mahlaing	30,556	73,518	79,292	16,941	281,558	-	2,406	2.595	0.554	9,214	0.000
		28 M11 Thazi	39,466	85,412	27,146	8,968	128,943	8,385	2,164	0.688	0.227	3,267	0.212
		29 M12 Wundwin	42,010	119,945	39,218	10,060	213,760	4,600	2,855	0.934	0.239	5,088	0.109
		Total	161,640	411,088	236,585	65,371	1,121,436	27,271	2,543	1.464	0.404	6,938	0.169
	Nyaung-U	30 M13 Nyaung-U	33,997	79,660	65,175	11,613	270,138	226	2,343	1.917	0.342	7,946	0.007
		Total	33,997	79,660	65,175	11,613	270,138	226	2,343	1.917	0.342	7,946	0.007
	Total	606,844	1,169,314	616,745	193,061	2,655,410	44,674	1,927	1.016	0.318	4,376	0.074	
Magway	Pakokku	31 G1 Pakokku	63,154	95,322	64,348	50,213	511,222	2,873	1,509	1.019	0.795	8,095	0.045
		32 G2 Pauk	25,320	98,402	50,779	32,370	224,309	78	3,886	2.005	1.278	8,859	0.003
		33 G3 Myaing	40,560	103,747	71,424	55,826	263,966	69	2,558	1.761	1.376	6,508	0.002
		34 G4 Yesaogyo	52,867	91,173	51,028	35,775	515,067	2,094	1,725	0.965	0.677	9,743	0.040
		35 G5 Seikphyu	16,090	82,829	20,574	21,753	202,994	15,987	5,148	1.279	1.352	12,616	0.994
		Total	197,991	471,473	258,153	195,937	1,717,558	21,101	2,381	1.304	0.990	8,675	0.107
	Magway	36 G6 Magway	63,838	114,127	37,539	15,258	514,723	1,170	1,788	0.588	0.239	8,063	0.018
		37 G7 Chauk	36,490	61,356	46,329	19,797	284,393	613	1,681	1.270	0.543	7,794	0.017
		38 G8 Yenangaung	32,131	53,710	34,162	10,727	202,049	419	1,672	1.063	0.334	6,288	0.013
		39 G9 Natnauk	34,314	129,510	79,926	15,201	405,138	1,280	3,774	2.329	0.443	11,807	0.037
		40 G10 Myothit	25,757	98,359	25,813	26,416	184,206	2,976	3,819	1.002	1.026	7,152	0.116
		41 G11 Taungdwingyi	44,386	187,314	7,740	45,058	524,086	14,737	4,220	0.174	1.015	11,807	0.332
		Total	236,916	644,376	231,509	132,457	2,114,595	21,195	2,720	0.977	0.559	8,926	0.089
	Minbu	42 G12 Minbu	29,823	74,270	12,870	15,574	285,172	4,128	2,490	0.432	0.522	9,562	0.138
		43 G13 Pwintbyu	29,086	64,264	15,968	19,695	176,299	9,158	2,209	0.549	0.677	6,061	0.315
		44 G14 Salin	38,287	128,230	29,928	26,069	377,332	5,654	3,349	0.782	0.681	9,855	0.148
		45 G15 Ngaphe	7,918	23,497	723	10,497	87,551	887	2,968	0.091	1.326	11,057	0.112
		Total	105,114	290,261	59,489	71,835	926,354	19,827	2,761	0.566	0.683	8,813	0.189
Thayet	46 G16 Thayet	20,898	52,086	1,791	6,542	244,131	4,513	2,492	0.086	0.313	11,682	0.216	
	47 G17 Mindon	14,050	44,285	2,003	7,723	204,424	4,554	3,152	0.143	0.550	14,550	0.324	
	48 G18 Minhla	21,877	83,784	9,639	21,047	356,858	868	3,830	0.441	0.962	16,312	0.040	
	49 G19 Aunglan	37,975	102,484	5,564	22,345	496,109	8,955	2,699	0.147	0.588	13,064	0.236	
	50 G20 Sinbaungwe	19,547	53,005	10,273	6,010	116,185	828	2,712	0.526	0.307	5,944	0.042	
	Total	129,460	376,535	30,456	67,214	1,669,085	24,432	2,909	0.235	0.519	12,893	0.189	
	Total	669,481	1,782,645	579,607	467,443	6,427,592	86,555	2,663	0.866	0.698	9,601	0.129	
Study Area			1,840,907	4,286,462	1,536,895	924,120	12,614,487	184,670	2,328	0.835	0.502	6,852	0.100

Source:LBVD

Table-50
Number of livestock production (2005)

			Population (2004)	Production (2005)			Per Capita Production		
				Meat (Viss)	Milk (Piece)	Egg (Piece)	Meat	Milk	Egg
Sagaing	Sagaing	1 S1 Sagaing	370,231	3,844,986	5,563,104	24,271,596	10.4	15.0	65.6
		2 S2 Myinmu	154,362	1,528,350	2,526,452	7,075,265	9.9	16.4	45.8
		3 S3 Myaung	171,175	1,187,000	2,157,000	11,373,000	6.9	12.6	66.4
		Total	695,768	6,560,336	10,246,556	42,719,861	9.4	14.7	61.4
	Monywa	4 S4 Monywa	384,411	2,985,000	29,126,000	3,060,000	7.8	75.8	8.0
		5 S5 Chaung-U	130,913	2,548,300	15,143,000	1,407,000	19.5	115.7	10.7
		6 S6 Ayadaw	227,479	2,454,800	7,341,000	3,621,000	10.8	32.3	15.9
		7 S7 Budalin	177,739	1,586,000	7,054,000	3,454,000	8.9	39.7	19.4
		8 S8 Salingyi	166,844	2,271,600	14,951,000	2,066,000	13.6	89.6	12.4
		9 S9 Yinmabin	162,375	2,240,100	10,199,000	3,700,000	13.8	62.8	22.8
		10 S10 Pale	170,844	2,478,200	6,432,000	3,362,000	14.5	37.6	19.7
	Total	1,420,605	16,564,000	90,246,000	20,670,000	11.7	63.5	14.6	
	Shwebo	11 S11 Shwebo	326,835	2,620,526	5,319,765	12,566,796	8.0	16.3	38.4
		12 S12 Taze	202,839	2,432,034	4,728,680	1,228,172	12.0	23.3	6.1
		13 S13 Wetlet	271,174	3,787,830	6,383,718	17,177,638	14.0	23.5	63.3
		14 S14 Khin-U	182,526	2,632,256	4,846,897	11,130,140	14.4	26.6	61.0
		15 S15 Ye-U	160,502	1,472,416	3,073,602	6,792,500	9.2	19.1	42.3
16 S16 Tabayin		171,841	1,489,622	3,782,944	6,996,960	8.7	22.0	40.7	
17 S17 Kanbalu		290,142	5,591,301	8,393,407	32,272,209	19.3	28.9	111.2	
Total		1,605,859	20,025,985	36,529,013	88,164,415	12.5	22.7	54.9	
Total	3,722,232	43,150,321	137,021,569	151,554,276	11.6	36.8	40.7		
Mandalay	Kyaukse	18 M1 Kyaukse	238,923	2,148,810	2,966,260	5,218,120	9.0	12.4	21.8
		19 M2 Myittha	216,544	846,320	2,330,080	3,462,830	3.9	10.8	16.0
		20 M3 Tada-U	200,707	2,204,590	6,617,200	11,991,160	11.0	33.0	59.7
		Total	656,174	5,199,720	11,913,540	20,672,110	7.9	18.2	31.5
	Myingyan	21 M4 Myingyan	417,541				0.0	0.0	0.0
		22 M5 Taungtha	334,480	458,400	3,392,200	14,113,000	1.4	10.1	42.2
		23 M6 Natogyi	272,936	1,900,000	2,247,000	7,863,000	7.0	8.2	28.8
		24 M7 Kyaukpadaung	377,741	2,796,770	1,105,780	10,922,240	7.4	2.9	28.9
		25 M8 Ngazun	222,256	6,210,270	2,469,202	5,004,179	27.9	11.1	22.5
	Total	1,624,954	11,365,440	9,214,182	37,902,419	7.0	5.7	23.3	
	Meikhtila	26 M9 Meikhtila	449,026	3,231,000	523,700	17,510,000	7.2	1.2	39.0
		27 M10 Mahlaing	240,283	537,600	3,133,680	13,391,000	2.2	13.0	55.7
		28 M11 Thazi	237,023	2,049,970	1,802,050	14,683,880	8.6	7.6	62.0
		29 M12 Wundwin	286,530	2,718,000	7,506,000	16,604,000	9.5	26.2	57.9
	Total	1,212,862	8,536,570	12,965,430	62,188,880	7.0	10.7	51.3	
	Nyaung-U	30 M13 Nyaung-U	326,189	7,424,168	3,846,000	15,750,140	22.8	11.8	48.3
		Total	326,189	7,424,168	3,846,000	15,750,140	22.8	11.8	48.3
Total	3,820,179	32,525,898	37,939,152	136,513,549	8.5	9.9	35.7		
Magway	Pakokku	31 G1 Pakokku	402,981	2,903,818	2,332,000	17,881,000	7.2	5.8	44.4
		32 G2 Pauk	200,196	2,156,800	2,925,000	10,168,000	10.8	14.6	50.8
		33 G3 Myaing	328,042	2,225,588	4,790,000	11,830,000	6.8	14.6	36.1
		34 G4 Yesagyo	330,858	2,197,242	4,750,000	24,450,000	6.6	14.4	73.9
		35 G5 Seikphyu	120,944	4,627,240	9,800,000	11,284,000	38.3	81.0	93.3
	Total	1,383,021	14,110,688	24,597,000	75,613,000	10.2	17.8	54.7	
	Magway	36 G6 Magway	360,797	3,620,592	5,331,000	37,208,000	10.0	14.8	103.1
		37 G7 Chauk	294,804	2,415,543	2,243,000	21,173,000	8.2	7.6	71.8
		38 G8 Yenangyaung	234,908	2,258,801	2,024,000	17,102,000	9.6	8.6	72.8
		39 G9 Natmauk	292,060	4,516,989	4,767,000	32,989,000	15.5	16.3	113.0
		40 G10 Myothit	193,868	2,797,207	3,371,000	22,959,000	14.4	17.4	118.4
		41 G11 Taungdwingyi	301,360	4,105,190	6,870,000	3,535,000	13.6	22.8	11.7
	Total	1,677,797	19,714,322	24,606,000	134,966,000	11.8	14.7	80.4	
	Minbu	42 G12 Minbu	212,828	2,140,756	2,672,000	22,505,000	10.1	12.6	105.7
		43 G13 Pwintbyu	207,054	15,522,287	2,808,000	17,815,000	75.0	13.6	86.0
		44 G14 Salin	299,618	3,840,733	5,365,000	37,615,000	12.8	17.9	125.5
		45 G15 Ngaphe	51,827	735,831	1,015,000	2,280,000	14.2	19.6	44.0
Total		771,327	22,239,607	11,860,000	80,215,000	28.8	15.4	104.0	
Thayet	46 G16 Thayet	145,246	2,433,000	364,000	2,932,000	16.8	2.5	20.2	
	47 G17 Mindon	84,407	2,001,972	4,133,000	23,027,000	23.7	49.0	272.8	
	48 G18 Minhla	145,215	2,599,474	3,091,000	35,601,000	17.9	21.3	245.2	
	49 G19 Aunglan	271,890	1,160,592	338,720	19,856,000	4.3	1.2	73.0	
	50 G20 Sinbaungwe	135,747	1,029,716	1,823,000	10,194,000	7.6	13.4	75.1	
	51 G21 Kamma	104,836	1,892,524	1,782,000	28,678,000	18.1	17.0	273.6	
Total	887,341	11,117,278	11,531,720	120,288,000	12.5	13.0	135.6		
Total	4,719,486	67,181,895	72,594,720	411,082,000	14.2	15.4	87.1		
Study Area			12,261,897	142,858,114	247,555,441	699,149,825	11.7	20.2	57.0

Source:LBVD

Table-51
Grassland area for grazing (2005)

			Number of Sheep & Goats	Area for Grazing Sheep & Goats (Acre)					Grazing Area per Head
				Culturable Waste Land (Acre)			Grazing Ground & Cattle Path (Acre)	Total	
				Cultivated Waste Land	Uncultivated Waste Land	Total			
Sagaing	Sagaing	1 S1 Sagaing	34,483	-	95,878	95,878	13,024	108,902	3.2
		2 S2 Myinmu	30,156	-	20,984	20,984	1,729	22,713	0.8
		3 S3 Myaung	15,932	-	20,984	20,984	-	20,984	1.3
			80,571	-	137,846	137,846	14,753	152,599	1.9
	Monywa	4 S4 Monywa	35,899	92	-	92	-	92	0.0
		5 S5 Chaung-U	28,790	49	-	49	-	49	0.0
		6 S6 Ayadaw	35,372	1,021	24,327	25,348	-	25,348	0.7
		7 S7 Budalin	19,643	886	118	1,004	113	1,117	0.1
		8 S8 Salingyi	46,085	948	204	1,152	-	1,152	0.0
		9 S9 Yinmabin	34,232	95	1,336	1,431	-	1,431	0.0
		10 S10 Pale	7,673	750	495	1,245	-	1,245	0.2
			207,694	3,841	26,480	30,321	113	30,434	0.1
	Shwebo	11 S11 Shwebo	12,403	190	-	190	-	190	0.0
		12 S12 Taze	1,442	38,813	51,328	90,141	95	90,236	62.6
		13 S13 Wetlet	17,532	-	45,362	45,362	166	45,528	2.6
		14 S14 Khin-U	7,784	2,663	4,551	7,214	-	7,214	0.9
		15 S15 Ye-U	3,131	9,363	33,148	42,511	271	42,782	13.7
16 S16 Tabayin		2,610	41,898	19,034	60,932	-	60,932	23.3	
17 S17 Kanbalu		7,376	18,439	10,627	29,066	-	29,066	3.9	
		52,278	111,366	164,050	275,416	532	275,948	5.3	
		340,543	115,207	328,376	443,583	15,398	458,981	1.3	
Mandalay	Kyaukse	18 M1 Kyaukse	8,394	88,489	-	88,489	-	88,489	10.5
		19 M2 Myittha	10,390	7,150	45,974	53,124	-	53,124	5.1
		20 M3 Tada-U	40,521	4,757	64,077	68,834	384	69,218	1.7
			59,305	100,396	110,051	210,447	384	210,831	3.6
	Myingyan	21 M4 Myingyan	38,206	4,171	47,913	52,084	33	52,117	1.4
		22 M5 Taungtha	78,910	5,440	69,780	75,220	311	75,531	1.0
		23 M6 Natogyi	42,625	14,338	-	14,338	281	14,619	0.3
		24 M7 Kyaukpadaung	60,585	5,372	73,166	78,538	-	78,538	1.3
		25 M8 Ngazun	35,354	-	76,436	76,436	11,267	87,703	2.5
			255,680	29,321	267,295	296,616	11,892	308,508	1.2
	Meikhtila	26 M9 Meikhtila	90,929	7,289	18,527	25,816	767	26,583	0.3
		27 M10 Mahlaing	79,292	-	17,238	17,238	85	17,323	0.2
		28 M11 Thazi	27,146	3,257	118,639	121,896	-	121,896	4.5
29 M12 Wundwin		39,218	11,876	-	11,876	1,173	13,049	0.3	
		236,585	22,422	154,404	176,826	2,025	178,851	0.8	
Nyaung-U	30 M13 Nyaung-U	65,175	-	82,170	82,170	-	82,170	1.3	
		65,175	-	82,170	82,170	-	82,170	1.3	
		616,745	152,139	613,920	766,059	14,301	780,360	1.3	
Magway	Pakokku	31 G1 Pakokku	64,348	41,300	3,150	44,450	-	44,450	0.7
		32 G2 Pauk	50,779	55,068	838	55,906	-	55,906	1.1
		33 G3 Myaing	71,424	17,272	39,069	56,341	-	56,341	0.8
		34 G4 Yesagyoo	51,028	1,243	10,024	11,267	-	11,267	0.2
		35 G5 Seikphyu	20,574	4,218	103,190	107,408	-	107,408	5.2
			258,153	119,101	156,271	275,372	-	275,372	1.1
	Magway	36 G6 Magway	37,539	2,045	174	2,219	162	2,381	0.1
		37 G7 Chauk	46,329	3,289	68,762	72,051	3,066	75,117	1.6
		38 G8 Yenangyaung	34,162	457	-	457	8	465	0.0
		39 G9 Natmauk	79,926	1,806	37,319	39,125	-	39,125	0.5
		40 G10 Myothit	25,813	903	3,213	4,116	-	4,116	0.2
		41 G11 Taungdwingyi	7,740	32,109	42,818	74,927	-	74,927	9.7
			231,509	40,609	152,286	192,895	3,236	196,131	0.8
	Minbu	42 G12 Minbu	12,870	99	86,838	86,937	-	86,937	6.8
		43 G13 Pwintbyu	15,968	-	-	-	1,367	1,367	0.1
		44 G14 Salin	29,928	-	10,779	10,779	-	10,779	0.4
		45 G15 Ngaphe	723	26,768	83,354	110,122	-	110,122	152.3
			59,489	26,867	180,971	207,838	1,367	209,205	3.5
	Thayet	46 G16 Thayet	1,791	-	-	-	-	-	0.0
		47 G17 Mindon	2,003	-	-	-	-	-	0.0
		48 G18 Minhla	9,639	-	-	-	-	-	0.0
49 G19 Aunglan		5,564	360,278	46,531	406,809	-	406,809	73.1	
50 G20 Sinbaungwe		10,273	-	51,186	51,186	-	51,186	5.0	
51 G21 Kamma	1,186	-	-	-	-	-	-	0.0	
		30,456	360,278	97,717	457,995	-	457,995	15.0	
		579,607	546,855	587,245	1,134,100	4,603	1,138,703	2.0	
Total			1,536,895	814,201	1,529,541	2,343,742	34,302	2,378,044	1.5

Source:Township Profile, Township Peace and Development Council (Estimation is included)

Table-52
Number of households raising livestock (2005)

Unit: Number

			Number of Households (2005)				
			Cattle	Sheep / Goats	Pig	Chicken	Duck
Sagaing	Sagaing	1 S1 Sagaing	22,258	4,581	2,896	21,908	133
		2 S2 Myinmu	10,395	659	861	3,193	11
		3 S3 Myaung	11,344	323	1,673	6,233	64
		Total	43,997	5,563	5,430	31,334	208
	Monywa	4 S4 Monywa	12,996	1,396	2,856	5,306	92
		5 S5 Chaung -U	7,322	602	3,225	10,261	15
		6 S6 Ayadaw	20,490	1,550	2,701	6,285	111,833
		7 S7 Budalin	12,167	758	2,051	4,179	-
		8 S8 Salingyi	10,103	1,660	1,807	4,805	45
		9 S9 Yinmabin	13,575	923	3,382	8,187	54
		10 S10 Pale	13,287	275	4,541	6,566	18
	Total	89,940	7,164	20,563	45,589	112,057	
	Shwebo	11 S11 Shwebo	16,702	410	3,178	13,366	385
		12 S12 Taze	19,025	47	3,580	7,714	80
		13 S13 Wetlet	20,087	782	2,529	14,321	384
		14 S14 Khin- U	15,021	347	3,434	7,699	249
		15 S15 Ye- U	14,714	161	1,566	7,478	128
16 S16 Tabayin		13,366	86	942	5,725	93	
17 S17 Kanbalu		21,138	587	5,494	12,443	497	
Total	120,053	2,420	20,723	68,746	1,816		
Total	253,990	15,147	46,716	145,669	114,081		
Mandalay	Kyaukse	18 M1 Kyaukse	15,464	1,131	2,566	5,750	262
		19 M2 Myittha	10,478	1,149	1,562	1,745	212
		20 M3 Tada- U	16,986	3,052	2,835	3,310	260
		Total	42,928	5,332	6,963	10,805	734
	Myingyan	21 M4 Myingyan	20,771	4,745	4,335	11,960	259
		22 M5 Taungtha	20,279	5,572	4,483	11,961	31
		23 M6 Natogyi	19,493	2,300	3,366	6,732	1
		24 M7 Kyaukpadaung	22,545	4,646	8,750	8,197	-
		25 M8 Ngazun	16,573	1,876	2,575	6,725	247
	Total	99,661	19,139	23,509	45,575	538	
	Meikhtila	26 M9 Meikhtila	25,601	4,956	4,679	10,618	1,141
		27 M10 Mahlaing	18,412	7,063	7,129	15,558	-
		28 M11 Thazi	15,903	1,677	2,468	7,601	48
29 M12 Wundwin		19,115	2,162	3,527	12,100	472	
Total	79,031	15,858	17,803	45,877	1,661		
Nyaung- U	30 M13 Nyaung-U	22,625	3,974	3,606	21,480	12	
	Total	22,625	3,974	3,606	21,480	12	
Total	244,245	44,303	51,881	123,737	2,945		
Magway	Pakokku	31 G1 Pakokku	14,041	1,767	5,013	9,101	72
		32 G2 Pauk	16,462	1,618	3,380	14,440	7
		33 G3 Myaing	24,003	2,174	5,447	132,520	6
		34 G4 Yesagyo	19,283	1,506	3,705	17,352	94
		35 G5 Seikphyu	9,344	583	2,550	8,997	56
	Total	83,133	7,648	20,095	182,410	235	
	Magway	36 G6 Magway	17,870	1,532	2,687	23,787	81
		37 G7 Chauk	13,403	1,578	2,149	10,872	73
		38 G8 Yenangyaung	9,952	1,467	3,388	11,370	48
		39 G9 Natmauk	22,324	4,551	5,002	21,650	109
		40 G10 Myothit	13,193	1,803	3,833	15,052	251
		41 G11 Taungdwingyi	27,867	590	6,916	22,979	2,113
	Total	104,609	11,521	23,975	105,710	2,675	
	Minbu	42 G12 Minbu	13,204	273	1,972	12,196	143
		43 G13 Pwintbyu	15,699	309	4,219	14,620	322
		44 G14 Salin	23,263	771	5,483	18,741	284
		45 G15 Ngaphe	4,911	77	1,211	9,815	42
	Total	57,077	1,430	12,885	55,372	791	
	Thayet	46 G16 Thayet	10,706	75	1,268	12,644	1,356
		47 G17 Mindon	8,408	177	1,448	10,914	334
		48 G18 Minhla	11,847	289	4,104	11,042	57
49 G19 Aunglan		25,137	241	5,717	28,021	1,365	
50 G20 Sinbaungwe		10,665	429	1,326	8,759	66	
51 G21 Kamma		8,718	415	637	15,612	457	
Total	75,481	1,626	14,500	86,992	3,635		
Total	320,300	22,225	71,455	430,484	7,336		
Study Area			818,535	81,675	170,052	699,890	124,362

Source:LBVD

Table-53
Unit Price of Live Animal Per Head (2005)

Unit: Kyats

			Goat/Sheep	Pig	Chicken	Duck
Sagaing	Sagaing	1 S1 Sagaing	20,000	35,000	3,000	1,200
		2 S2 Myinmu	25,000	50,000	2,000	2,000
		3 S3 Myaung	30,000	20,000	2,000	1,800
		Average	25,000	35,000	2,333	1,667
	Monywa	4 S4 Monywa	15,000	30,000	2,000	1,800
		5 S5 Chaung -U	20,000	40,000	2,800	1,200
		6 S6 Ayadaw	12,000	80,000	2,000	-
		7 S7 Budalin	25,000	50,000	2,700	-
		8 S8 Salingyi	30,000	15,000	2,700	1,200
		9 S9 Yinmabin	15,000	15,000	2,200	1,200
		10 S10 Pale	15,000	25,000	3,000	1,000
	Average	18,857	36,429	2,486	914	
	Shwebo	11 S11 Shwebo	30,000	30,000	3,500	1,200
		12 S12 Taze	38,000	35,000	3,700	1,500
		13 S13 Wetlet	30,000	15,000	3,500	1,500
		14 S14 Khin- U	32,000	35,000	3,500	1,500
		15 S15 Ye- U	35,000	40,000	2,000	1,800
16 S16 Tabayin		30,000	15,000	3,700	1,200	
17 S17 Kanbalu		30,000	17,000	2,500	1,500	
Average	32,143	26,714	3,200	1,457		
Average	25,412	32,176	2,753	1,271		
Mandalay	Kyaukse	18 M1 Kyaukse	30,000	80,000	2,500	1,200
		19 M2 Myittha	28,000	55,000	2,700	1,200
		20 M3 Tada- U	35,000	90,000	2,000	-
		Average	31,000	75,000	2,400	800
	Myingyan	21 M4 Myingyan	25,000	80,000	2,000	1,000
		22 M5 Taungtha	25,000	80,000	2,400	1,000
		23 M6 Natogyi	30,000	50,000	1,800	1,800
		24 M7 Kyaukpadaung	-	15,000	3,200	-
		25 M8 Ngazun	10,000	50,000	1,800	1,700
	Average	18,000	55,000	2,240	1,100	
	Meikhtila	26 M9 Meikhtila	32,000	70,000	2,500	1,200
		27 M10 Mahlaing	35,000	70,000	2,000	-
		28 M11 Thazi	25,000	50,000	2,500	1,400
29 M12 Wundwin		15,000	50,000	2,000	1,200	
Average	26,750	60,000	2,250	950		
Nyaung- U	30 M13 Nyaung-U	20,000	50,000	2,000	1,000	
	Average	20,000	50,000	2,000	1,000	
Average	23,846	60,769	2,262	977		
Magway	Pakokku	31 G1 Pakokku	18,000	70,000	2,700	-
		32 G2 Pauk	22,000	60,000	2,500	-
		33 G3 Myaing	25,000	20,000	2,000	1,800
		34 G4 Yesagy	15,000	15,000	2,000	2,000
		35 G5 Seikphyu	30,000	60,000	2,000	2,000
		Average	22,000	45,000	2,240	1,160
	Magway	36 G6 Magway	20,000	80,000	2,600	-
		37 G7 Chauk	35,000	50,000	3,000	2,500
		38 G8 Yenangyaung	30,000	50,000	2,000	2,000
		39 G9 Natmauk	15,000	20,000	3,500	3,000
		40 G10 Myothit	25,000	12,000	2,500	1,200
		41 G11 Taungdwingyi	30,000	50,000	1,800	1,200
	Average	25,833	43,667	2,567	1,650	
	Minbu	42 G12 Minbu	20,000	90,000	1,800	1,500
		43 G13 Pwintbyu	20,000	70,000	2,500	2,000
		44 G14 Salin	15,000	12,000	2,400	1,500
		45 G15 Ngaphe	15,000	80,000	1,800	1,400
	Average	17,500	63,000	2,125	1,600	
	Thayet	46 G16 Thayet	-	75,000	1,800	-
		47 G17 Mindon	20,000	70,000	1,800	1,800
		48 G18 Minhla	15,000	50,000	1,800	1,800
49 G19 Aunglan		20,000	70,000	2,600	1,600	
50 G20 Sinbaungwe		37,000	70,000	1,800	1,200	
51 G21 Kamma		20,000	50,000	2,700	1,700	
Average	18,667	64,167	2,083	1,350		
Average	21,286	53,524	2,267	1,438		
Study Area			23,515	48,823	2,427	1,229

Source: Township Profile, Township Peace and Development Council

Table-54
Number of Livestock Traders (2005)

Unit: Number

			Number of Livestock Trader	
Sagaing	Sagaing	1 S1 Sagaing	28	
		2 S2 Myinmu	37	
		3 S3 Myaung	9	
				74
	Monywa	4 S4 Monywa	36	
		5 S5 Chaung -U	5	
		6 S6 Ayadaw	50	
		7 S7 Budalin	20	
		8 S8 Salingyi	20	
		9 S9 Yinmabin	4	
		10 S10 Pale	48	
			183	
	Shwebo	11 S11 Shwebo	25	
		12 S12 Taze	28	
		13 S13 Wetlet	41	
		14 S14 Khin- U	13	
		15 S15 Ye- U	7	
16 S16 Tabayin		21		
17 S17 Kanbalu		38		
		173		
		430		
Mandalay	Kyaukse	18 M1 Kyaukse	3	
		19 M2 Myittha	15	
		20 M3 Tada- U	5	
			23	
	Myingyan	21 M4 Myingyan	5	
		22 M5 Taungtha	25	
		23 M6 Natogyi	18	
		24 M7 Kyaukpadaung	15	
		25 M8 Ngazun	9	
			72	
	Meikhtila	26 M9 Meikhtila	238	
		27 M10 Mahlaing	15	
		28 M11 Thazi	6	
29 M12 Wundwin		13		
		272		
Nyaung- U	30 M13 Nyaung-U	10		
		10		
		377		
Magway	Pakokku	31 G1 Pakokku	3	
		32 G2 Pauk	9	
		33 G3 Myaing	2	
		34 G4 Yesagyo	3	
		35 G5 Seikphyu	6	
			23	
	Magway	36 G6 Magway	4	
		37 G7 Chauk	12	
		38 G8 Yenangyaung	5	
		39 G9 Natmauk	5	
		40 G10 Myothit	3	
		41 G11 Taungdwingyi	9	
			38	
	Minbu	42 G12 Minbu	70	
		43 G13 Pwintbyu	49	
		44 G14 Salin	45	
		45 G15 Ngaphe	20	
			184	
	Thayet	46 G16 Thayet	59	
		47 G17 Mindon	26	
		48 G18 Minhla	71	
49 G19 Aunglan		51		
50 G20 Sinbaungwe		37		
51 G21 Kamma		47		
		291		
		536		
Total			1,343	

Source:Township Profile, Township Peace and Development Council

Table-55

Number of slaughtered animals by year

Head Count

			Year Reported				
			2001	2002	2003	2004	2005
Sagaing	Sagaing	1 S1 Sagaing	n.a	n.a	6,716	18,270	22,518
		2 S2 Myinmu	4,470	4,775	5,473	7,472	8,951
		3 S3 Myaung	n.a	5,131	6,501	6,723	6,952
			4,470	9,906	18,690	32,465	38,421
	Monywa	4 S4 Monywa	8,380	9,955	12,776	14,908	17,482
		5 S5 Chaung -U	6,151	7,371	10,159	12,597	14,924
		6 S6 Ayadaw	5,286	6,190	8,849	12,264	14,377
		7 S7 Budalin	4,247	4,955	7,455	7,988	9,288
		8 S8 Salingyi	5,896	6,975	9,589	11,810	13,889
		9 S9 Yinmabin	5,782	6,788	9,645	11,182	13,119
		10 S10 Pale	5,190	6,164	9,103	12,223	14,514
			40,932	48,398	67,576	82,972	97,593
	Shwebo	11 S11 Shwebo	4,970	6,661	7,963	12,633	15,347
		12 S12 Taze	6,435	6,003	6,259	11,637	14,243
		13 S13 Wetlet	9,373	11,045	14,362	18,298	22,183
		14 S14 Khin- U	6,916	8,235	9,630	13,678	15,416
		15 S15 Ye- U	3,140	3,906	4,311	6,850	8,623
16 S16 Tabayin		4,064	4,027	6,919	7,001	8,724	
17 S17 Kanbalu		12,526	14,474	19,643	28,114	32,746	
		47,424	54,351	69,087	98,211	117,282	
		92,826	112,655	155,353	213,648	253,296	
Mandalay	Kyaukse	18 M1 Kyaukse	n.a	n.a	5,327	6,341	12,585
		19 M2 Myittha	n.a	n.a	4,727	3,141	4,956
		20 M3 Tada- U	n.a	n.a	6,444	7,684	12,911
			-	-	16,498	17,166	30,452
	Myingyan	21 M4 Myingyan	n.a	n.a	n.a	n.a	n.a
		22 M5 Taungtha	1,068	1,649	2,407	1,511	2,685
		23 M6 Natogyi	5,417	15,329	6,109	9,056	11,127
		24 M7 Kyaukpadaung	n.a	6,462	9,234	13,812	16,379
		25 M8 Ngazun	3,903	4,692	22,829	5,488	36,371
			10,388	28,132	40,579	29,867	66,562
	Meikhtila	26 M9 Meikhtila	8,620	9,611	11,479	12,972	18,922
		27 M10 Mahlaing	1,452	1,464	2,346	2,630	3,148
		28 M11 Thazi	6,543	8,188	11,729	10,182	12,006
		29 M12 Wundwin	6,700	7,063	11,643	11,783	15,918
			23,315	26,326	37,197	37,567	49,994
Nyaung- U	30 M13 Nyaung-U	6,966	15,503	24,700	30,206	43,480	
		6,966	15,503	24,700	30,206	43,480	
		40,669	69,961	118,974	114,806	190,488	
Magway	Pakokku	31 G1 Pakokku	8,325	9,666	11,887	14,091	17,006
		32 G2 Pauk	4,233	5,470	6,763	8,918	12,631
		33 G3 Myaing	n.a	n.a	9,042	9,549	13,034
		34 G4 Yesagyoy	n.a	7,784	9,203	11,507	12,868
		35 G5 Seikphyu	n.a	n.a	n.a	16,077	27,100
			12,558	22,920	36,895	60,142	82,639
	Magway	36 G6 Magway	10,135	11,245	12,348	17,988	21,204
		37 G7 Chauk	6,888	5,493	8,470	8,570	14,147
		38 G8 Yenangyaung	7,000	8,195	7,384	12,557	13,229
		39 G9 Natmauk	11,255	11,792	16,645	20,086	26,454
		40 G10 Myothit	5,549	6,238	6,767	12,671	16,382
		41 G11 Taungdwingyi	10,592	12,716	16,215	17,638	24,042
			51,419	55,679	67,829	89,510	115,458
	Minbu	42 G12 Minbu	5,824	6,704	8,102	9,080	12,537
		43 G13 Pwintbyu	4,506	5,037	5,997	7,771	9,091
		44 G14 Salin	10,355	11,378	7,766	18,567	22,493
		45 G15 Ngaphe	2,584	2,510	3,641	3,787	4,309
			23,269	25,629	25,506	39,205	48,430
	Thayet	46 G16 Thayet	7,280	9,010	10,097	12,287	14,249
		47 G17 Mindon	4,518	930	5,400	8,156	11,725
		48 G18 Minhla	7,212	8,974	10,422	12,273	15,224
49 G19 Aunglan		6,037	5,979	6,669	6,796	6,797	
50 G20 Sinbaungwe		2,956	3,654	4,586	5,429	6,031	
51 G21 Kamma		4,292	4,980	5,668	8,639	11,084	
		32,295	33,527	42,842	53,580	65,110	
		119,541	137,755	173,072	242,437	311,637	
Total			253,036	320,371	447,399	570,891	755,421

Source:Township Profile, Township Peace and Development Council

Remark: According to personal communication gathered in some townships, statistics on number of permitted animals to slaughter (average head counts in a month) is about 100 for cattle, 180 for pigs and 1000 for goats. In terms of average live-weights, a rough estimate ranges from 90 to 150 visses for cattle, 40 to 50 visses for pigs and 10 to 15 visses for sheep/goats. Number of permitted chickens for slaughter, averaged at 300-500 birds a day.

Table-56
Number of Animals Market and Animal Traded**
for the Year 2005

Unit: Number

			Market Type	Quantity	
Sagaing	Sagaing	1 S1 Sagaing			
		2 S2 Myinmu	Cattle market	1	
		3 S3 Myaung			
				-	1
	Monywa	Monywa	4 S4 Monywa		
			5 S5 Chaung -U		
			6 S6 Ayadaw		
			7 S7 Budalin	Cattle market	1
			8 S8 Salingyi		
			9 S9 Yinmabin		
				-	1
	Shwebo	Shwebo	11 S11 Shwebo		
			12 S12 Taze		
			13 S13 Wetlet	Cattle market	1
			14 S14 Khin- U		
			15 S15 Ye- U		
			16 S16 Tabayin		
17 S17 Kanbalu					
			-	1	
			-	3	
Mandalay	Kyaukse	18 M1 Kyaukse	Cattle market	1	
		19 M2 Myittha	Cattle market	1	
		20 M3 Tada- U			
				-	2
	Myingyan	Myingyan	21 M4 Myingyan		
			22 M5 Taungtha	Cattle market	1
			23 M6 Natogyi	Cattle market	1
			24 M7 Kyaukpadaung		
			25 M8 Ngazun	Cattle market	1
				-	3
	Meikhtila	Meikhtila	26 M9 Meikhtila	Cattle market	1
			27 M10 Mahlaing		
			28 M11 Thazi	Cattle market	2
29 M12 Wundwin			Cattle market	3	
			-	6	
Nyaung- U	30 M13 Nyaung-U				
			-	-	
			-	11	
Magway	Pakokku	31 G1 Pakokku	Cattle market	2	
		32 G2 Pauk	Cattle market	1	
		33 G3 Myaing			
		34 G4 Yesagyo			
		35 G5 Seikphyu			
				-	3
	Magway	Magway	36 G6 Magway	Cattle market	2
			37 G7 Chauk		
			38 G8 Yenangyaung		
			39 G9 Natmauk	Cattle market	1
			40 G10 Myothit	Cattle market	1
			41 G11 Taungdwingyi	Cattle market	1
				-	5
	Minbu	Minbu	42 G12 Minbu		
			43 G13 Pwintbyu		
			44 G14 Salin		
			45 G15 Ngaphe		
				-	-
	Thayet	Thayet	46 G16 Thayet	Cattle market	4
			47 G17 Mindon	Cattle market	1
			48 G18 Minhla		
49 G19 Aunglan					
50 G20 Sinbaungwe					
51 G21 Kamma					
			-	5	
			-	13	

Source:Township Profile, Township Peace and Development Council

Remark: ** = There is no structured organization for animal market and cattle market is the only common type which normally is functioned at open season, thus lack in information on animal trading, at time of data collection survey.

Table-57
Number of Slaughter House for the Reported Year
2005

Unit: Number

			Number of Slaughter Houses	
Sagaing	Sagaing	1 S1 Sagaing	1	
		2 S2 Myinmu	1	
		3 S3 Myaung	1	
				3
	Monywa	Monywa	4 S4 Monywa	1
			5 S5 Chaung -U	1
			6 S6 Ayadaw	1
			7 S7 Budalin	1
			8 S8 Salingyi	1
			9 S9 Yinmabin	1
			10 S10 Pale	1
				7
	Shwebo	Shwebo	11 S11 Shwebo	1
			12 S12 Taze	1
			13 S13 Wetlet	1
			14 S14 Khin- U	1
			15 S15 Ye- U	1
16 S16 Tabayin			1	
17 S17 Kanbalu			1	
			7	
			17	
Mandalay	Kyaukse	18 M1 Kyaukse	1	
		19 M2 Myittha	1	
		20 M3 Tada- U	1	
				3
	Myingyan	Myingyan	21 M4 Myingyan	1
			22 M5 Taungtha	1
			23 M6 Natogyi	1
			24 M7 Kyaukpadaung	1
			25 M8 Ngazun	1
				5
	Meikhtila	Meikhtila	26 M9 Meikhtila	1
			27 M10 Mahlaing	1
			28 M11 Thazi	1
29 M12 Wundwin			1	
			4	
Nyaung- U	30 M13 Nyaung-U	1		
			1	
			13	
Magway	Pakokku	31 G1 Pakokku	1	
		32 G2 Pauk	1	
		33 G3 Myaing	1	
		34 G4 Yesagyo	1	
		35 G5 Seikphyu	1	
				5
	Magway	Magway	36 G6 Magway	1
			37 G7 Chauk	1
			38 G8 Yenangyaung	1
			39 G9 Natmauk	1
			40 G10 Myothit	1
			41 G11 Taungdwingyi	1
				6
	Minbu	Minbu	42 G12 Minbu	1
			43 G13 Pwintbyu	1
			44 G14 Salin	1
45 G15 Ngaphe			1	
			4	
Thayet	Thayet	46 G16 Thayet	1	
		47 G17 Mindon	1	
		48 G18 Minhla	1	
		49 G19 Aunglan	1	
		50 G20 Sinbaungwe	1	
		51 G21 Kamma	1	
			6	
			21	

Source: Livestock Breeding and Veterinary Department

Remark: Normally there is only 1 slaughter-house for each Municipal Market, although number of Licensees depends on size of demand and market

Table-58
Number of animals products processing plants and commodities (2005)

Unit: Number

			Commodity			
			Food Stuff	Condensed Milk	Tanned Leather	Milk & Milk Products
Sagaing	Sagaing	1 S1 Sagaing	21	14		
		2 S2 Myinmu	1	3		
		3 S3 Myaung				
			22	17	-	-
	Monywa	4 S4 Monywa	15	12		
		5 S5 Chaung -U				
		6 S6 Ayadaw	1			
		7 S7 Budalin	1			
		8 S8 Salingyi				
		9 S9 Yinmabin	2			
	10 S10 Pale					
			19	12	-	-
	Shwebo	11 S11 Shwebo	2	8		
		12 S12 Taze	1			
		13 S13 Wetlet	2			
		14 S14 Khin- U				
		15 S15 Ye- U	1	2		
16 S16 Tabayin						
17 S17 Kanbalu		1				
		7	10	-	-	
		48	39	-	-	
Mandalay	Kyaukse	18 M1 Kyaukse	11	8		
		19 M2 Myittha				
		20 M3 Tada- U	1		1	
			12	8	1	-
	Myingyan	21 M4 Myingyan				
		22 M5 Taungtha	2			
		23 M6 Natogyi				
		24 M7 Kyaukpadaung				
	25 M8 Ngazun					
			2	-	-	-
	Meikhtila	26 M9 Meikhtila	2			
		27 M10 Mahlaing	2			
		28 M11 Thazi				10
29 M12 Wundwin		8				
		12	-	-	10	
Nyaung- U	30 M13 Nyaung-U					
		-	-	-	-	
		26	8	1	10	
Magway	Pakokku	31 G1 Pakokku				
		32 G2 Pauk	1			
		33 G3 Myaing	5			
		34 G4 Yesagyo				
		35 G5 Seikphyu				
			6	-	-	-
	Magway	36 G6 Magway		5	1	
		37 G7 Chauk				
		38 G8 Yenangyaung			1	
		39 G9 Natmauk				
		40 G10 Myothit				
		41 G11 Taungdwingyi		5	3	
			-	10	5	-
	Minbu	42 G12 Minbu	4			
		43 G13 Pwintbyu	2			
44 G14 Salin						
45 G15 Ngaphe						
		6	-	-	-	
Thayet	46 G16 Thayet	3				
	47 G17 Mindon					
	48 G18 Minhla					
	49 G19 Aunglan	1	3			
	50 G20 Sinbaungwe					
	51 G21 Kamma					
		4	3	-	-	
		16	13	5	-	
Total			90	60	6	10

Source:Township Profile, Township Peace and Development Council and Mandalay Directory 2006, LBVD

Remark: Animal processing products are mainly sausage (pork, chicken),dried, smoked or preserved meat (pork, beef, mutton).

Table-59
Rate of households by electric power sources
(2005)

Unit: %

Division	District	Township	Electric Power Rate accounted for Total H/H in Township (Urban Area)							Electric Power Rate accounted for Total H/H in Township (Rural Area)								
			Main Power Line	Biogas	Rice Husk	Mini-Hydro Power	Own Generator	Battery	Candle	Main Power Line	Biogas	Rice Husk	Mini-Hydro Power	Own Generator	Battery	Candle		
Sagaing	Sagaing	1 S1 Sagaing	15.62				7.43				11.86	1.75			7.46	50.91	4.97	
		2 S2 Myimnu	6.73		2.19						1.54				13.67	22.87	52.54	
		3 S3 Myaung	2.99				0.53					3.76			12.94	22.88	61.96	
	Monywa	4 S4 Monywa	19.65								10.35	0.33			4.51	57.70	1.97	
		5 S5 Chaung-U	3.27				1.09	0.20			2.34	3.27	1.87		14.96	51.80	22.03	
		6 S6 Ayadaw	3.79					2.07			1.13	3.03	0.95		28.19	49.30	11.35	
		7 S7 Budalin	2.37				0.16				2.21		2.53		0.11	54.61	38.18	
		8 S8 Salingyi	3.94					0.19			10.23	38.26				19.44	27.93	
		9 S9 Yinmabin	1.60					0.21	1.35		1.50				47.37	2.11	45.86	
		10 S10 Pale	3.61					0.64			26.39				8.92	29.45	31.00	
	Shwebo	11 S11 Shwebo	9.82				0.19	3.77	2.05		9.50	0.55	0.19		5.66	40.59	27.69	
		12 S12 Taze	4.85				0.86	12.14	7.46		1.13				0.60	29.65	43.32	
		13 S13 Wetlet	2.94				0.19	6.80	5.16		0.52	0.40			0.06	42.45	41.47	
		14 S14 Khin-U	2.40				0.46	11.12	32.34		0.99				0.53	9.13	43.04	
		15 S15 Ye-U	4.49				0.56	10.89	8.27		2.54				0.19	30.32	42.75	
		16 S16 Tabayin	1.23				1.02	6.46	3.59		0.49				0.61	31.32	55.29	
		17 S17 Kanbalu	2.35				0.41	6.23	4.85		0.79				0.24	43.08	42.05	
Sagaing Average			5.39		2.19		1.17	5.06	8.13	5.22	6.42	1.38		9.13	34.56	34.91		
Mandalay	Kyaukse	18 M1 Kyaukse	7.44				11.53			1.53	7.43			6.28				
		19 M2 Myittha	2.95				2.60			5.26	1.99			13.12				
		20 M3 Tada-U	3.67							1.57	8.84			29.44				
	Myingyan	21 M4 Myingyan	6.13				0.49				1.23	1.84			0.37			
		22 M5 Taungtha	1.87								1.80	0.18			0.20			
		23 M6 Natogyi	1.85								0.57	2.71						
		24 M7 Kyaukpadaung	7.66								5.04	2.46			33.50			
		25 M8 Ngazun	1.59							6.12		1.98			25.34			
	Meikhtila	26 M9 Meikhtila	17.34								1.21							
		27 M10 Mahlaing	3.38								0.88	2.36			1.62			
		28 M11 Thazi	6.62								0.80	0.68			2.13			
		29 M12 Wundwin	5.05								1.62	0.95			3.09			
	Nyaung-U	30 M13 Nyaung-U	11.18							0.44	3.12			14.71				
Mandalay Average			5.90				4.87	6.12		1.83	2.88			11.80				
Magway	Pakokku	31 G1 Pakokku	15.41															
		32 G2 Pauk	2.69															
		33 G3 Myaing	2.12															
		34 G4 Yesagyo	5.14															
		35 G5 Seikphyu	5.18															
	Magway	36 G6 Magway	15.96															
		37 G7 Chauk	16.21															
		38 G8 Yenangyaung	11.63															
		39 G9 Natmauk	2.41															
		40 G10 Myothit	2.12															
		41 G11 Taungdwingyi	7.42															
	Minbu	42 G12 Minbu	13.89															
		43 G13 Pwintbyu	3.55								7.87							
		44 G14 Salin	4.20															
		45 G15 Ngaphe	4.66															
Thayet		46 G16 Thayet	12.90															
	47 G17 Mindon	3.20																
	48 G18 Minhla	5.56																
	49 G19 Aunglan	13.56																
	50 G20 Sinbaungwe	4.59																
	51 G21 Kamma	5.06																
Magway Average			7.50							7.87								
Average			6.39		2.19		1.97	5.14	8.13	3.91	4.29	1.38		10.21	34.56	34.91		

Source: City Development Council(2005)

Table-60
Main fuel for cooking (2005)

Unit: %

Division	District	Township	Rate of main fuel for cooking (Urban Area)							Rate of main fuel cooking (Rural Area)						
			Electricity	Firewood	Charcoal	Charcoal Briquettes	Farm Waste Products	Gas	Bio Diesel	Electricity	Firewood	Charcoal	Charcoal Briquettes	Farm Waste Products	Gas	Bio Diesel
Sagaing	Sagaing	1 S1 Sagaing	3.46	8.12	10.33	0.00	0.00	0.00	0.00	0.00	50.02	11.54	0.00	15.39	0.00	0.00
		2 S2 Myinmu	0.18	5.17	3.57	0.00	0.00	0.00	0.00	0.00	65.88	4.20	20.99	0.00	0.00	0.00
		3 S3 Myaung	0.00	2.82	0.35	0.36	0.00	0.00	0.00	0.00	72.36		24.12	0.00	0.00	0.00
	Monywa	4 S4 Monywa	7.42	0.30	12.50	0.00	0.00	0.00	0.00	0.00	79.47	0.30	0.00	0.00	0.00	0.00
		5 S5 Chaung-U	2.24	1.00	0.50	0.00	0.00	0.00	0.00	0.00	93.02	3.24	0.00	0.00	0.00	0.00
		6 S6 Ayadaw	1.32	0.57	4.16	0.00	0.00	0.00	0.00	0.00	88.65	5.30	0.00	0.00	0.00	0.00
		7 S7 Budalin	1.20	0.16	1.01	0.00	0.00	0.00	0.00	0.00	92.49	5.14	0.00	0.00	0.00	0.00
		8 S8 Salingyi	3.16	0.30	0.68	0.00	0.00	0.00	0.00	6.11	79.07	10.68	0.00	0.00	0.00	0.00
		9 S9 Yinnabin	1.22	1.73	0.21	0.00	0.00	0.00	0.00	1.01	82.95	6.12	0.00	6.75	0.00	0.00
		10 S10 Pale	3.06	0.13	1.06	0.00	0.00	0.00	0.00	4.80	64.33	26.63	0.00	0.00	0.00	0.00
	Shwebo	11 S11 Shwebo	9.81	1.87	4.15	0.00	0.00	0.00	0.00	0.00	64.49	19.68	0.00	0.00	0.00	0.00
		12 S12 Taze	2.42	17.74	5.14	0.00	0.00	0.00	0.00	0.44	62.75	11.50	0.00	0.00	0.00	0.00
		13 S13 Wetlet	1.49	8.45	5.15	0.00	0.00	0.00	0.00	0.00	63.68	21.23	0.00	0.00	0.00	0.00
		14 S14 Khin-U	1.29	9.26	26.40	0.00	9.36	0.00	0.00	0.49	16.11	18.79	0.00	18.29	0.00	0.00
		15 S15 Ye-U	2.42	10.89	10.89	0.00	0.00	0.00	0.00	0.00	49.27	26.53	0.00	0.00	0.00	0.00
		16 S16 Tabayin	0.73	3.01	8.55	0.00	0.00	0.00	0.00	0.26	35.52	51.92	0.00	0.00	0.00	0.00
		17 S17 Kanbalu	1.08	9.00	3.77	0.00	0.00	0.00	0.00	0.38	38.77	47.00	0.00	0.00	0.00	0.00
Sagaing Average		2.50	4.74	5.79	0.02	0.55	0.00	0.00	0.79	64.64	16.86	2.65	2.38	0.00	0.00	
Mandalay	Kyaukse	18 M1 Kyaukse	6.39	6.24	10.69	0.00	0.00	0.00	0.00	0.50	54.45	21.15	0.00	0.00	0.00	0.00
		19 M2 Myitha	2.95	16.16	8.25	0.00	0.00	0.00	0.00	5.26	75.59	0.00	0.00	0.00	0.00	0.00
		20 M3 Tada-U	3.14	1.61	2.94	0.00	0.00	0.00	0.00	0.98	68.64	13.74	0.00	0.00	0.00	0.00
	Myingyan	21 M4 Myingyan	3.68	18.39	7.36	0.00	0.00	0.00	0.00	0.00	55.18	0.00	0.00	0.00	0.00	0.00
		22 M5 Taungtha	1.87	0.00	1.16	0.00	0.00	0.00	0.00	1.80	29.41	0.00	0.00	0.00	0.00	0.00
		23 M6 Natogyi	0.56	1.83	1.97	0.00	0.00	0.00	0.00	0.09	78.78	5.63	0.00	0.00	0.00	0.00
		24 M7 Kyaukpadaung	4.03	5.94	2.98	0.00	0.00	0.00	0.00	0.00	64.38	0.00	0.00	0.00	0.00	0.00
	Meikhtila	25 M8 Ngazun	1.50	5.61	0.51	0.00	0.00	0.00	0.00	0.00	88.51	1.22	0.00	0.00	0.00	0.00
		26 M9 Meikhtila	10.28	3.02	17.13	0.00	0.00	0.00	0.00	0.48	52.41	12.09				
		27 M10 Mahlaing	3.38	3.33	3.32	0.00	0.00	0.00	0.00	0.00	42.92	0.00	0.00	0.00	0.00	0.00
	Nyaung-U	28 M11 Thazi	6.33	2.03	1.12	0.00	0.00	0.00	0.00	0.25	63.35	3.99	0.00	0.00	0.00	0.00
		29 M12 Wundwin	0.00	1.15	10.37	0.00	0.00	0.00	0.00	0.00	70.78	13.27	0.00	0.00	0.00	0.00
	Mandalay Average		3.85	5.70	6.03	0.00	0.00	0.00	0.00	0.72	62.75	5.47	0.00	0.00	0.00	0.00
Magway	Pakokku	31 G1 Pakokku	15.41	3.26	9.79					-	45.06	26.47				
		32 G2 Pauk	2.69	0.50	1.51					-	76.24	19.07				
		33 G3 Myaing	2.12	0.13	0.40					-	86.64	10.71				
		34 G4 Yesagyo	4.12	3.47	10.41					-	65.60	16.40				
		35 G5 Seikphyu	5.18	0.40	1.21					-	71.77	21.44				
	Magway	36 G6 Magway	15.96	2.33	7.00					-	29.84	44.76				
		37 G7 Chauk	16.21	2.11	6.33					-	43.71	31.65				
		38 G8 Yenangyauk	11.63	7.25	21.74					-	41.57	17.81				
		39 G9 Natmauk	2.41	1.27	3.81					-	61.99	30.53				
		40 G10 Myothit	2.12	0.67	2.00					-	68.56	26.66				
	Minbu	41 G11 Taungdwingyi	7.42	3.50	10.50					-	44.00	34.58				
		42 G12 Minbu	13.89	1.87	5.60					-	43.26	35.39				
		43 G13 Pwintbyu	3.55							7.87	69.98	18.60				
		44 G14 Salin	4.20	0.19	0.56					-	61.78	33.27				
		45 G15 Ngaphe	4.66	0.91	2.73					-	77.95	13.75				
Thayet		46 G16 Thayet	12.90	2.61	7.84					-	57.49	19.16				
	47 G17 Mindon	3.20	0.95	2.85					-	77.19	15.81					
	48 G18 Minhla	5.56	0.90	2.69					-	70.86	19.99					
	49 G19 Aunglan	13.56	1.37	4.11					-	43.72	37.25					
	50 G20 Sinbaungwe	4.59	0.69	2.07					-	50.03	42.62					
Magway Average		7.45	1.76	5.27					0.37	60.30	25.18					
Study Area Average		4.88	3.80	5.64	0.01	0.31	-	-	0.60	62.37	17.39	1.56	1.39	-	-	

Source: DPTC Office(2005)

Table-61
Rate of households by type of housing materials

Division	District	Township	Urban Area %			Rural Area %		
			Brick	Wood	Bamboo	Brick	Wood	Bamboo
Sagaing	Sagaing	1 S1 Sagaing	2.31	13.83	6.92	4	27	46
		2 S2 Myinmu	1.34	4.91	2.68	4	28	59
		3 S3 Myaung	0.18	1.94	1.41	3	43	50
	Monywa	4 S4 Monywa	13.91	4.76	1.56	1	25	54
		5 S5 Chaung -U	1.84	1.01	0.89	8	49	39
		6 S6 Ayadaw	1.14	1.32	3.59	4	9	81
		7 S7 Budalin	0.16	1.20	1.00	6	19	73
		8 S8 Salingyi	0.17	3.73	0.25	3	38	55
		9 S9 Yinmabin	0.22	1.36	1.58	5	4	88
		10 S10 Pale	0.36	1.95	1.93	3	28	65
	Shwebo	11 S11 Shwebo	4.97	1.85	9.00	24	17	44
		12 S12 Taze	5.06	8.10	12.14	1	22	52
		13 S13 Wetlet	4.53	4.83	5.74	17	25	42
		14 S14 Khin- U	1.39	16.21	28.71	11	16	27
		15 S15 Ye- U	7.23	6.05	10.90	18	24	34
		16 S16 Tabayin	1.85	4.30	6.15	9	26	53
		17 S17 Kanbalu	4.09	5.30	4.46	21	28	37
Sagaing Average			2.98	4.86	5.82	8	25	53
Mandalay	Kyaukse	18 M1 Kyaukse	7.82	8.42	7.22	13	32	32
		19 M2 Myittha	5.91	4.96	13.53	8	2	65
		20 M3 Tada- U	4.74	1.97	1.20	10	22	61
	Myingyan	21 M4 Myingyan	4.50	15.00	10.50	7	28	35
		22 M5 Taungtha	1.55	2.45	0.77	3	67	26
		23 M6 Natogyi	0.70	0.01	4.03	3	0	92
		24 M7 Kyaukpadaung	6.19	5.62	1.51	6	68	13
		25 M8 Ngazun	1.37	0.15	6.17	15	2	76
	Meikhtila	26 M9 Meikhtila	19.24	9.51	3.17	7	10	51
		27 M10 Mahlaing	0.54	1.26	8.66	4	0	85
		28 M11 Thazi	3.69	0.61	8.00	4	3	81
		29 M12 Wundwin	0.86	1.90	8.77	1	9	79
	Nyaung- U	30 M13 Nyaung-U	6.05	6.05	13.89	4	7	63
Mandalay Average			4.86	4.46	6.72	6	19	58
Magway	Pakokku	31 G1 Pakokku						
		32 G2 Pauk						
		33 G3 Myaing						
		34 G4 Yesagyoo						
		35 G5 Seikphyu						
	Magway	36 G6 Magway						
		37 G7 Chauk						
		38 G8 Yenangyaung						
		39 G9 Natmauk						
		40 G10 Myothit						
		41 G11 Taungdwingyi						
	Minbu	42 G12 Minbu						
		43 G13 Pwintbyu						
		44 G14 Salin						
		45 G15 Ngaphe						
Thayet	46 G16 Thayet							
	47 G17 Mindon							
	48 G18 Minhla							
	49 G19 Aunglan							
	50 G20 Sinbaungwe							
	51 G21 Kamma							
Magway Average								
Study Area Average			3.80	4.69	6.21	7	23	55

Source: DPTC Office(2005)

Table-62
Distance from division capital

Unit: km

Division	District	Township	Distance from Division Capital		
			main road (paved road)	sub road (unpaved road)	合計
Sagaing	Sagaing	1 S1 Sagaing	20	-	20
		2 S2 Myinmu	60	-	60
		3 S3 Myaung	60	35	95
	Monywa	4 S4 Monywa	-	-	-
		5 S5 Chaung -U	25	-	25
		6 S6 Ayadaw	40	-	40
		7 S7 Budalin	35	-	35
		8 S8 Salingyi	20	-	20
		9 S9 Yinmabin	30	-	30
		10 S10 Pale	55	-	55
	Shwebo	11 S11 Shwebo	95	-	95
		12 S12 Taze	125	-	125
		13 S13 Wetlet	75	15	90
		14 S14 Khin- U	125	-	125
		15 S15 Ye- U	110	-	110
		16 S16 Tabayin	90	-	90
		17 S17 Kanbalu	180	-	180
Mandalay	Kyaukse	18 M1 Kyaukse	50	-	50
		19 M2 Myittha	80	-	80
		20 M3 Tada- U	30	-	30
	Myingyan	21 M4 Myingyan	125	-	125
		22 M5 Taungtha	145	-	145
		23 M6 Natogyi	140	-	140
		24 M7 Kyaukpadaung	115	-	115
		25 M8 Ngazun	30	40	70
	Meikhtila	26 M9 Meikhtila	160	-	160
		27 M10 Mahlaing	180	-	180
		28 M11 Thazi	180	-	180
		29 M12 Wundwin	195	-	195
	Nyaung- U	30 M13 Nyaung-U	155	-	155
Magway	Pakokku	31 G1 Pakokku	110	-	110
		32 G2 Pauk	190	-	190
		33 G3 Myaing	75	35	110
		34 G4 Yesagyo	70	-	70
		35 G5 Seikphyu	130	-	130
	Magway	36 G6 Magway	-	-	-
		37 G7 Chauk	125	-	125
		38 G8 Yenangyaung	55	-	55
		39 G9 Natmauk	15	55	70
		40 G10 Myothit	90	35	125
		41 G11 Taungdwingyi	90	-	90
	Minbu	42 G12 Minbu	10	-	10
		43 G13 Pwintbyu	10	50	60
		44 G14 Salin	10	70	80
		45 G15 Ngaphe	55	15	70
	Thayet	46 G16 Thayet	130	55	185
47 G17 Mindon		130	5	135	
48 G18 Minhla		10	35	45	
49 G19 Aunglan		75	-	75	
50 G20 Sinbaungwe		55	40	95	
51 G21 Kamma		55	35	90	
			-	-	-

Source: Measuring by Scale in the Map