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MINISTRY OF PLANNING AND FINANCE

2017

MYANMAR
STATISTICAL
YEARBOOK

CENTRAL STATISTICAL ORGANIZATION



THE REPUBLIC OF THE UNION OF MYANMAR

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PREFACE

In Myanmar, this is an exciting time with a broadening of statistical development reinforcing the motto “Better data, better life”. A new statistics law has been approved by the parliament and it will strengthen the participation of all those stakeholders who have an involvement in the development process of the Quality National Statistical System. The statistical cooperation mechanism not only ensures horizontal but also vertical cooperation. After forming the Committee on Data Accuracy and Quality of Statistics these changes are well underway although a lot of challenges remain.

Developing quality statistics is required for evidence-based policy making, planning, monitoring and evaluation. These are all based on “better data and statistics” leading to “better informed policy and implementation” which will enhance “the lives of Myanmar people” through committed statistical processes and inputs”.

After setting up the clear path of the National Strategy for the Development of Statistics (NSDS), the action plan for the NSDS has been already drafted in consultation with the Statistics Clusters. Improving the National Statistical System is not an easy task and it is long term process which will involve all the stakeholders including government agencies, private sector, citizens, NGOs, INGOs and international organizations. Promoting statistical literacy is also an essential task to strengthen the National Statistical System.

I am very pleased to welcome the publication of Myanmar Statistical Yearbook, 2017 that has come out with more comprehensive graphics, enhanced content and better design. There is an explanation of methodologies used and technical notes included. It will be uploaded to the Myanmar Statistical Information Service (MMSIS) (www.mmsis.gov.mm) to allow people easy access and provide usable data for everyone in Myanmar, as well as for the people around the world.

I would like to thank all those, including development partners, who have worked diligently with a firm commitment to developing accurate, quality statistics provided in this publication.

A handwritten signature in black ink, appearing to read 'Kyaw Win', written in a cursive style.

(Kyaw Win)
Union Minister
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FOREWORD

The Myanmar Statistical Yearbook, 2017 provides an updated compendium of statistics on demographic, socio-economic and environmental aspects of Myanmar to a national and international audience.

The statistics are compiled mainly from administrative records from the relevant Ministries, Departments and private agencies. It also includes data from the 2014 Census and many previous surveys which have been conducted during recent years. It provides a clear picture of the demographic and socio-economic situation in Myanmar in 2016. In addition, the publication provides time series that can be used for observing trends over the years.

The commitment to produce relevant, reliable, quality, timely and accessible official statistics is related to improving the whole National Statistical System. With the intention of making each successive edition better than the previous, we are continuing to invest in human resources and technology including the development of Statistical Units in the line ministries as well as in the States and Regions.

As statistics is the science of learning from data, the current edition has improved its graphics, content and widened its dissemination. A greater attention to graphics and visual elements is paid, while description of methodology and statistical sources, a glossary and an analytical index provide tools to better respond to the information required and supports a greater depth of users needs.

In addition to the printed version, the Yearbook is available on the web page of the Central Statistical Organization site www.csostatat.gov.mm and www.mmsis.gov.mm and is accompanied by tables in excel format.

Since we are also trying to improve our Statistics User-Provider relations, the department welcomes comments and suggestions for the improvement of the publication.

Dr. Wah Wah Maung
Director General
Central Statistical Organization
Ministry of Planning and Finance

STANDARD SYMBOLS USED

Fiscal Year	(Apr. 1 – Mar. 31)
n.a	Not available
x	Not applicable
#	Less
p	Provisional
r	Revised
r.e	Revised budget estimate
p.a	Provisional actual
K	Kyat (Myanmar currency unit)
KG	Kilogram
LB	Pound
MT	Metric ton
–	Nil or negligible

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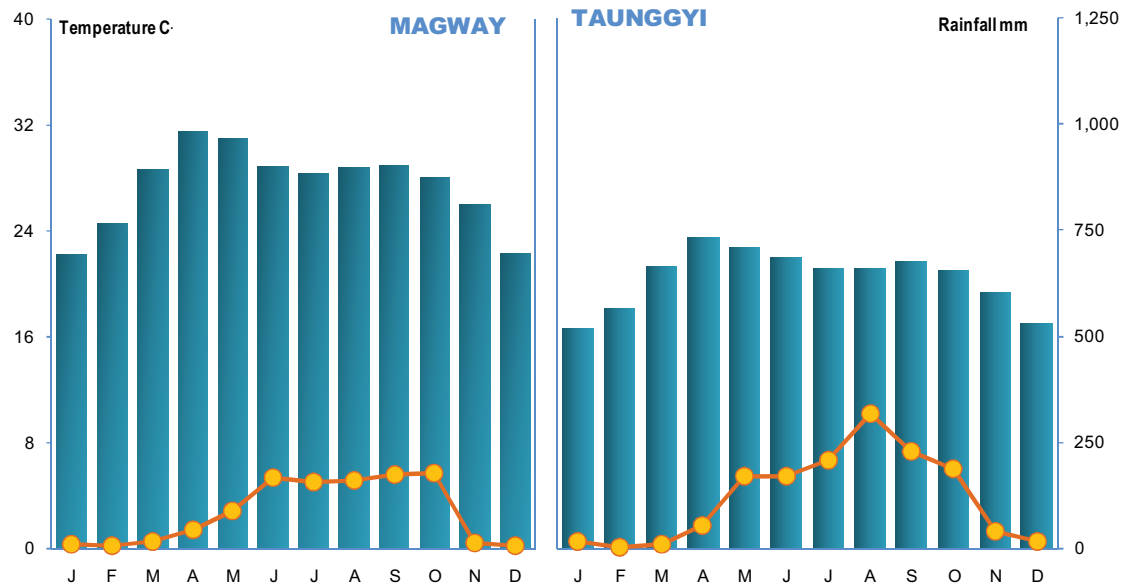
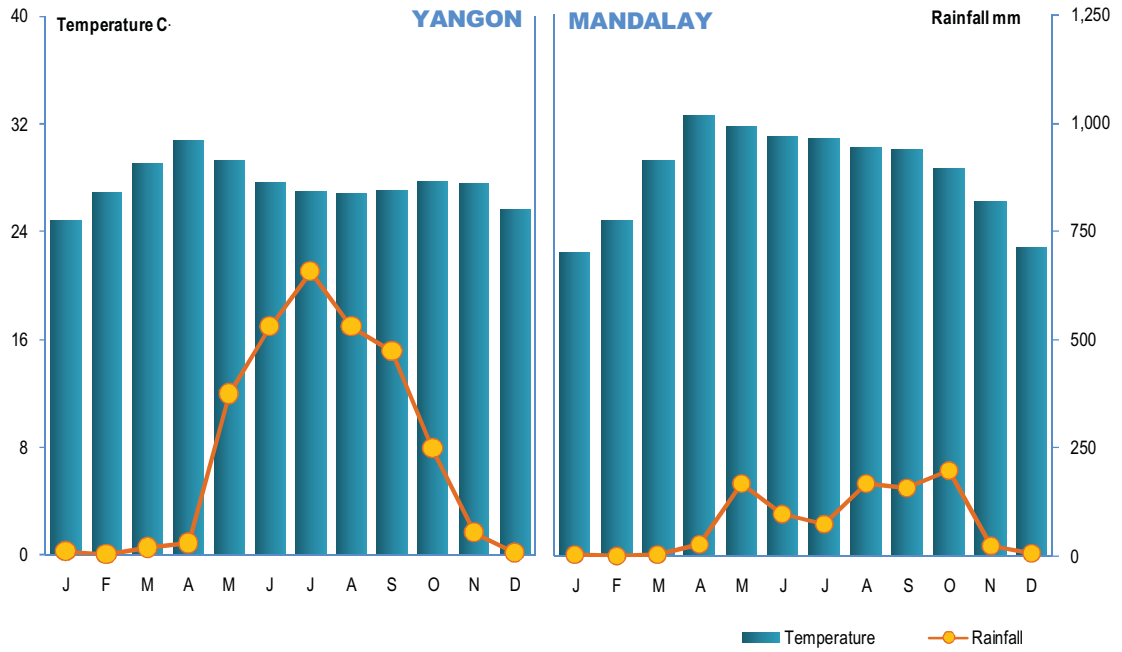


1

Climate, Territory and Population

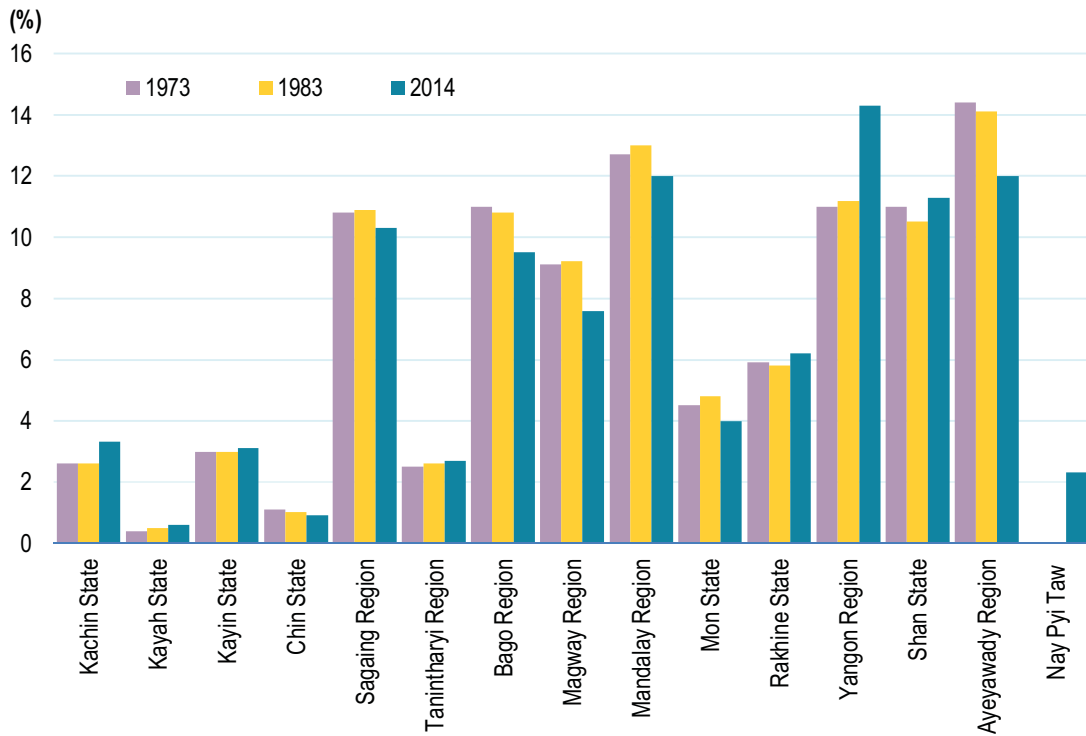
The Union of Myanmar covers a **surface** of **676,552.697380** km², divided into 7 States, 7 Regions and 1 Union Territory. | In States and Regions, **Sittway township** is the highest annual rainfall by **4,881 Millimeter**, **Magway township** is the Mean maximum Temperature by **34.7 C°** in 2016. | Over the last 15 years the record for **fires, 455**, was in 2016-2017, for **floods, 243** and for **cyclones, 496**, in 2016-2017. | As of 1 October 2016, the total population consisted of **52,917 thousand persons**. | The population density was **78 persons** per km² in 2016-2017. | For every 100 persons in Myanmar, **70.59** live in **rural** areas and **29.41** in **urban** areas. | **Yangon Region** has the largest population (7.76 millions), **Kayah State** the smallest 0.30 million. | The **ageing index** increased from **8.8** in 1973 to 10.2 in 1983 and to **18.6** in 2014. | In 2016-2017 the average total **dependency ratio** was **52.01%**. | In 2016 **55,279 foreigners** had their usual residence in Myanmar.

FIGURE 1.1 MONTHLY TEMPERATURE AND RAINFALL (2007 - 2016 AVERAGE)



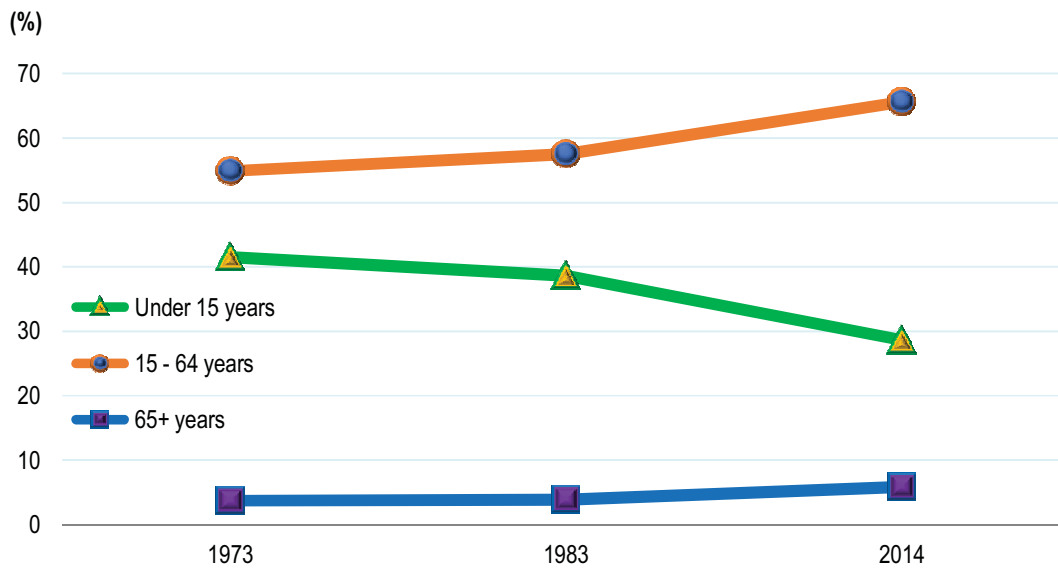
Source: Department of Meteorology and Hydrology

FIGURE 1.2 POPULATION PROPORTION TO THE UNION



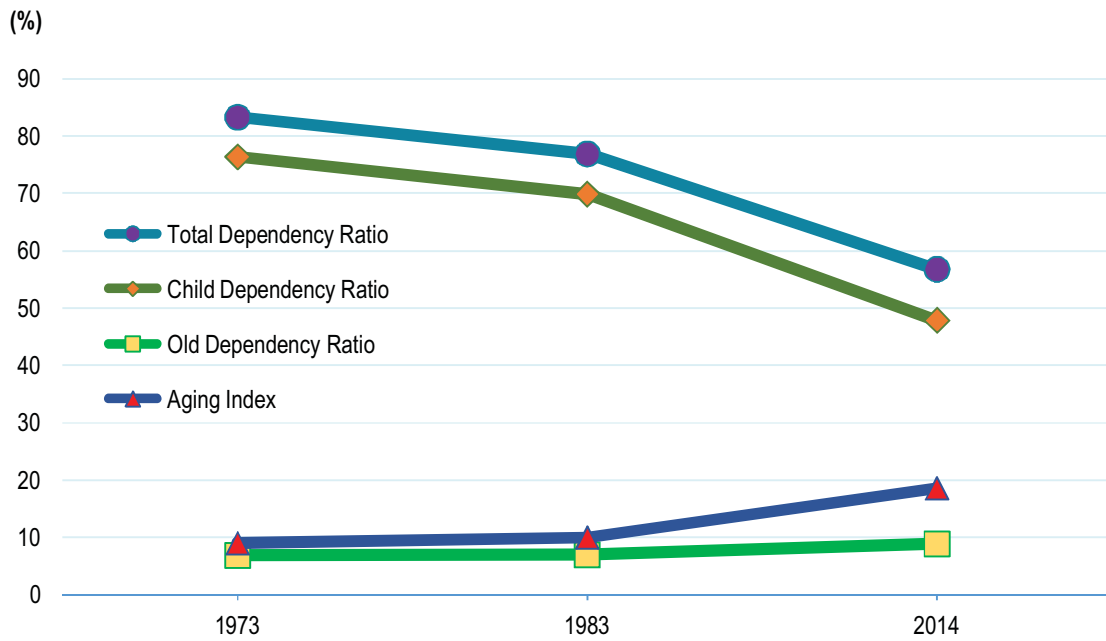
Source: 2014 Myanmar Population and Housing Census

FIGURE 1.3 POPULATION DISTRIBUTION



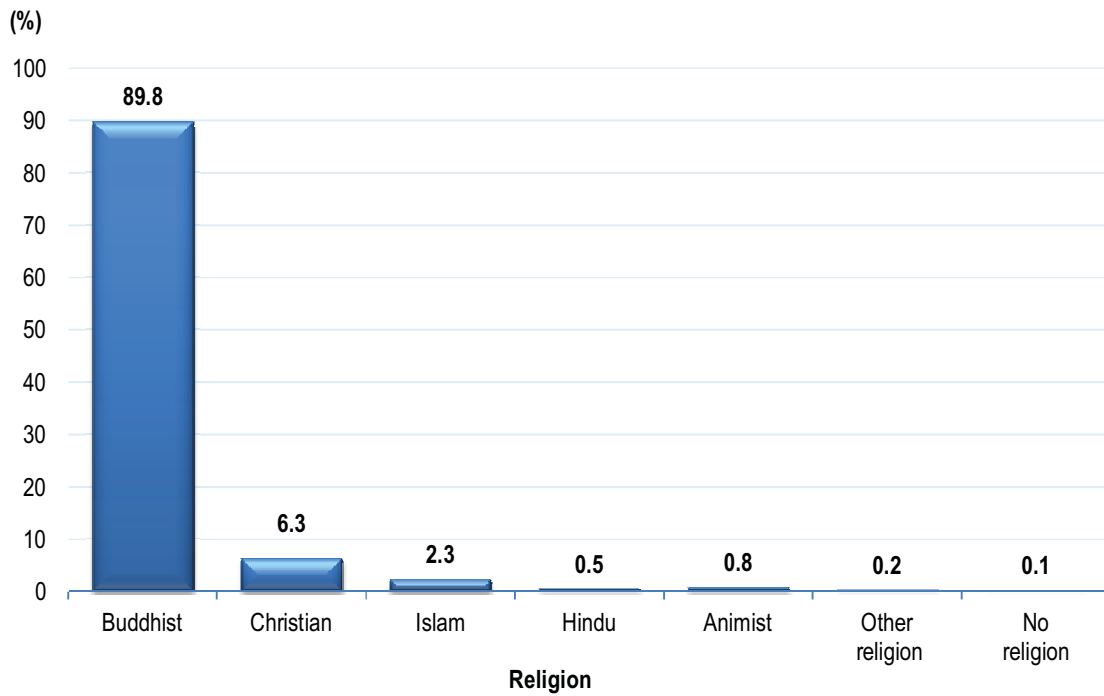
Source: 2014 Myanmar Population and Housing Census

FIGURE 1.4 DEPENDENCY RATIOS



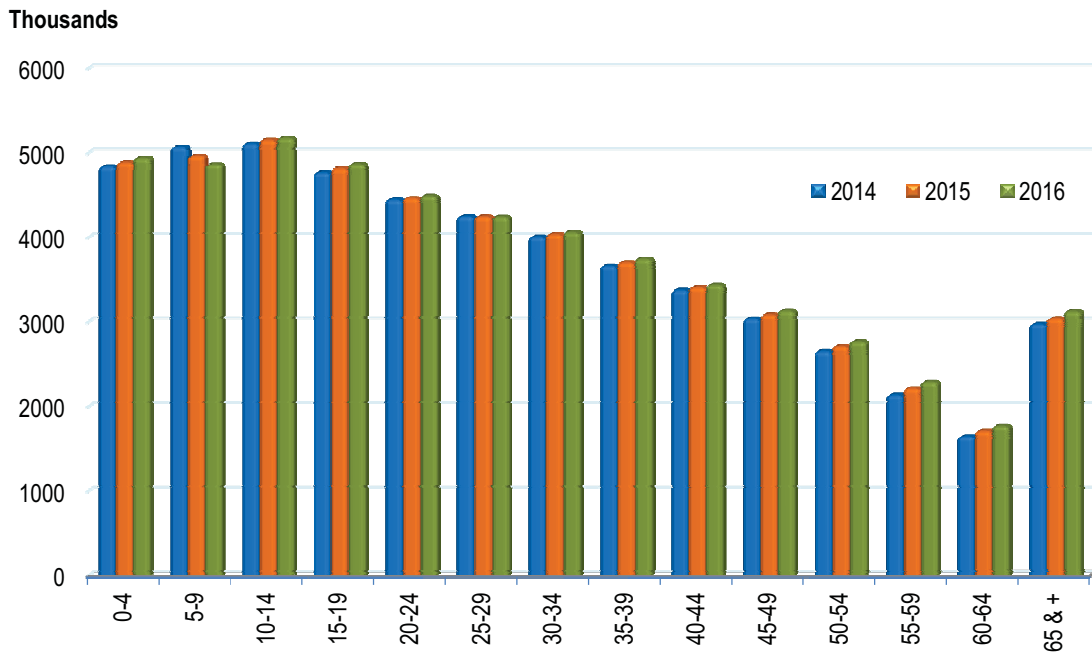
Source: 2014 Myanmar Population and Housing Census

FIGURE 1.5 POPULATION BY RELIGION



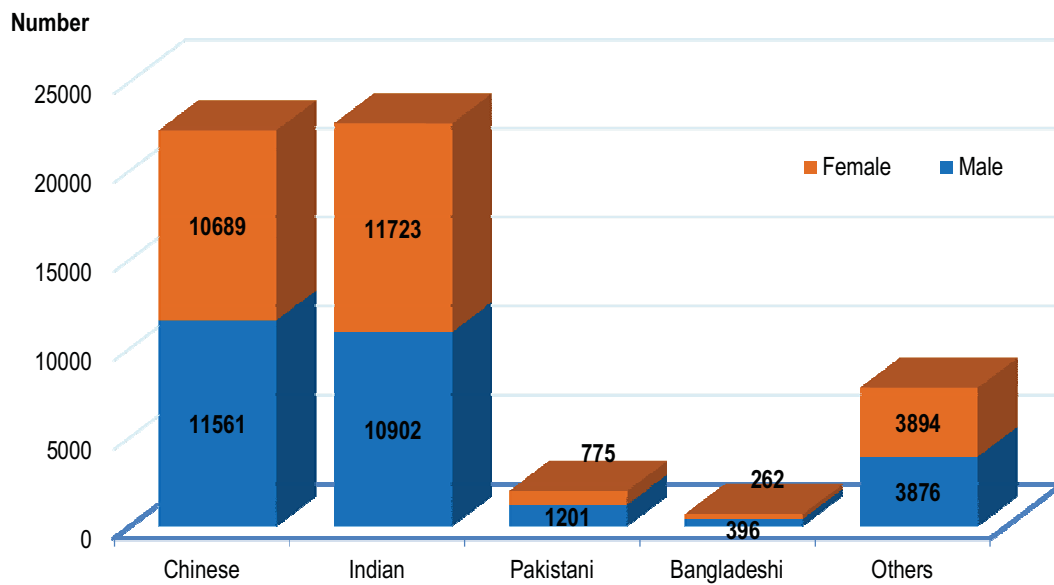
Source: 2014 Myanmar Population and Housing Census

FIGURE 1.6 ESTIMATED POPULATION



Source: Department of Population

FIGURE 1.7 FOREIGNERS RESIDING, 2016



Source: Department of Immigration

METHODOLOGY SHEET | Rainfall

Responsible Unit (Service or Structure)	Department of Meteorology and Hydrology
Level of Disaggregation	Selected Rainfall Stations. They are state and region of main townships
Study Variables	Daily and annual rainfall in millimetres, mean and maximum temperatures, relative humidity percent
Classification Variables	Daily average, monthly average, annual average
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Actual rainfall is recorded throughout the country at 9:30 a.m of Myanmar standard time. The monthly rainfall is the average rainfall in millimetres for the past 10 years.
Units	Rainfall, Temperature, Relative Humidity
Tables	1.01,1.03

TABLE 1.01 ANNUAL RAINFALL, TEMPERATURES AND RELATIVE HUMIDITY
Years 2007-2016 (Average) And Year 2016

Station	2007-2016 Average				2016 Actual			
	Annual Rainfall in Millimeter	Temperature C°		Mean Relative Humidity Percent	Annual Rainfall in Millimeter	Temperature C°		Mean Relative Humidity Percent
		Mean max.	Mean min.			Mean max.	Mean min.	
NAY PYI TAW								
Yezin	1,113	34.2	21.1	74	1,359	34.1	22.0	73
Tatkone	885	34.0	21.6	75	1,084	34.2	21.9	68
Pyinmana	1,227	33.8	21.6	74	1,182	33.8	22.9	76
KACHIN STATE								
Myitkyina	2,492	30.6	19.2	79	2,734	30.2	19.3	78
Mohnyin	1,661	30.3	17.6	78	1,695	30.2	19.0	81
KAYAH STATE								
Loikaw	1,206	29.5	17.0	77	1,191	29.9	18.0	77
KAYIN STATE								
Hpa-an	4,511	33.4	21.7	76	3,723	33.9	22.9	75
CHIN STATE								
Falam	1,647	23.9	14.7	70	1,911	23.3	14.2	76
Hakha	1,823	22.0	10.0	77	2,169	22.2	11.4	81
SAGAING DIVISION								
Katha	1,721	31.9	16.5	77	1,245	31.7	20.0	78
Mawlaik	1,763	31.8	20.1	77	1,987	32.2	19.2	80
Monywa	773	34.6	21.6	68	876	34.3	22.5	69
Shwe Bo	874	34.0	20.1	75	1,148	33.3	21.6	69
Hkamti	3,679	29.5	18.1	86	4,079	29.2	14.3	85
TANINTHARYI DIVISION								
Dawei	5,336	32.4	21.8	80	4,528	33.3	22.1	77
Myeik	4,213	31.8	23.9	81	3,683	32.4	24.6	80
BAGO DIVISION								
Bago	3,369	32.7	22.3	79	3,375	33.3	23.1	76
Pyay	1,415	34.0	21.2	71	1,234	33.9	22.8	72
MAGWAY DIVISION								
Magway	1,012	34.5	20.3	70	1,735	34.7	18.4	69
Gangaw	1,217	32.7	20.6	76	1,367	32.3	20.0	78
MANDALAY DIVISION								
Mandalay	932	34.4	22.4	68	1,320	34.2	22.2	68
Pyin Oo Lwin	1,498	26.9	13.9	77	1,425	27.0	14.7	80
Nyaung Oo	678	34.3	22.4	63	760	32.7	21.8	67
MON STATE								
Mawlamyine	4,911	32.8	22.7	78	3,792	33.5	23.4	77
Yay	5,494	32.9	22.8	82	4,697	33.5	22.5	81
RAKHINE STATE								
Sittway	4,868	30.8	20.5	83	4,881	31.4	21.5	87
Thantwe	5,112	32.6	20.4	79	4,592	32.7	20.7	80
YANGON DIVISION								
Yangon	2,922	33.5	21.6	77	2,605	33.7	22.1	76
SHAN STATE								
Lashio	1,254	29.7	15.8	74	1,545	29.4	16.7	74
Taunggyi	1,404	25.8	15.1	70	1,349	25.6	15.7	73
Keng Tung	1,250	29.7	17.6	69	1,008	29.8	17.1	70
AYEYARWADY DIVISION								
Patheingyi	3,098	33.0	22.3	82	3,598	33.3	21.7	80

Source: Department of Meteorology and Hydrology.

METHODOLOGY SHEET | **Temperatures and Humidity**

Responsible Unit (Service or Structure)	Department of Meteorology and Hydrology
Level of Disaggregation	Selected Stations at main townships in States and Regions. They are state and region of main townships
Study Variables	Air temperature measured daily
Classification Variables	Daily average, monthly average, annual average
Type of Dissemination	Publication (Book and CD Rom), on line databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Temperature and relative humidity readings are taken at the observatories eighth a day at 6:30 a.m, 9:30 a.m, 12:30 p.m, 3:30 pm, 6:30 p.m, 9:30 p.m, 12:30 a.m and 3:30 a.m of Myanmar Standard Time. The monthly data is the average of the mean temperature for the past 10 years.
Units	Meteorological stations-Department of Meteorology and Hydrology
Table	1.02

TABLE 1.02 MONTHLY MEAN TEMPERATURE
Years 2007-2016 (Average), Degree in Centigrade

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NAY PYI TAW												
Yezin	23.6	25.8	28.6	31.6	30.8	28.9	28.0	27.9	28.5	27.9	26.4	23.9
Tatkone	23.6	25.9	29.0	31.7	30.6	28.6	27.7	27.7	28.5	28.3	27.1	24.0
Pyinmana	24.4	26.0	28.9	31.3	30.5	29.2	28.4	27.9	28.5	28.2	26.9	23.7
KACHIN STATE												
Myitkyina	18.5	20.9	24.3	26.6	28.1	27.9	27.7	28.7	28.1	26.6	22.5	19.0
Mohnyin	17.0	19.1	23.0	26.0	27.5	27.6	27.3	27.5	27.3	25.5	21.7	18.0
KAYAH STATE												
Loikaw	18.6	20.8	24.0	26.6	25.9	24.9	24.5	24.3	24.8	23.9	21.9	19.0
KAYIN STATE												
Hpa-an	25.5	27.4	29.3	30.7	28.9	26.8	26.1	26.0	26.9	28.5	28.3	26.2
CHIN STATE												
Falam	14.6	16.7	19.9	21.7	21.7	21.5	20.8	21.0	20.9	19.9	17.9	15.0
Hakha	10.4	12.5	15.8	18.3	19.0	19.3	18.9	18.7	18.3	16.5	13.1	10.7
SAGAING DIVISION												
Katha	18.8	21.0	24.4	26.1	27.0	26.9	26.8	26.6	26.6	25.2	22.3	18.9
Mawlaik	19.2	21.2	25.0	28.5	29.6	29.6	29.4	28.9	28.6	27.0	23.8	20.3
Monywa	22.0	24.6	28.6	31.7	31.9	31.3	31.3	30.3	29.7	28.1	25.6	22.3
Shwe Bo	21.6	23.6	28.2	30.5	30.2	29.7	29.6	28.9	28.7	27.4	24.6	21.6
Hkamti	16.8	19.3	22.9	25.8	27.5	27.1	26.5	27.3	27.3	25.5	21.5	17.9
TANINTHARYI DIVISION												
Dawei	25.9	27.2	28.5	29.5	28.1	26.8	25.9	26.1	26.1	27.3	27.5	26.3
Myeik	27.0	28.0	29.0	29.9	28.9	27.6	26.9	27.0	26.7	27.7	28.1	27.3
BAGO DIVISION												
Bago	24.2	26.4	29.3	31.0	29.6	27.7	27.0	26.9	27.3	28.2	27.5	25.1
Pyay	24.0	26.1	29.0	31.4	30.2	28.2	27.3	27.5	27.9	28.1	27.0	24.6
MAGWAY DIVISION												
Magway	22.2	24.6	28.6	31.5	31.0	28.9	28.3	28.7	29.0	28.0	26.0	22.3
Gangaw	19.8	22.6	27.0	30.8	31.0	30.0	29.4	28.6	28.4	27.0	24.2	20.6
MANDALAY DIVISION												
Mandalay	22.4	24.8	29.2	32.5	31.8	31.0	30.8	30.2	30.0	28.7	26.2	22.8
Pyin Oo Lwin	15.1	16.7	20.7	23.3	23.6	23.6	22.6	22.2	22.6	21.4	18.4	15.3
Nyaung Oo	22.0	24.6	29.0	31.4	32.8	31.4	31.2	30.3	29.9	28.5	26.3	22.6
MON STATE												
Mawlamyine	25.7	27.5	29.3	30.6	29.0	27.4	26.6	26.7	27.1	28.3	28.2	26.5
Yay	26.4	27.6	28.7	30.3	28.9	27.7	26.8	26.8	27.3	28.2	28.2	27.1
RAKHINE STATE												
Sittwe	21.2	22.8	25.7	28.3	27.9	27.4	26.5	26.4	26.8	26.9	25.3	22.7
Thantwe	22.0	23.1	26.1	29.0	29.1	27.7	27.0	27.1	27.6	28.2	26.8	23.6
YANGON DIVISION												
Yangon	24.9	26.9	29.1	30.8	29.3	27.6	27.0	26.8	27.1	27.8	27.5	25.6
SHAN STATE												
Lashio	16.2	18.0	21.7	24.8	25.9	26.5	25.8	25.7	25.8	24.2	20.9	17.4
Taunggyi	16.5	18.1	21.3	23.4	22.7	21.9	21.2	21.2	21.7	20.9	19.3	17.0
Keng Tung	18.6	20.3	23.4	26.3	27.0	26.7	25.9	25.7	25.4	23.9	21.6	19.0
AYEYARWADY DIVISION												
Patheingyi	25.0	26.9	29.0	30.8	29.7	27.8	27.2	27.1	27.3	28.0	27.6	25.5

Source: Department of Meteorology and Hydrology.

TABLE 1.03 MONTHLY RAINFALL (MONTH TO MONTH AVERAGE)
Years 2007-2016(Average), in millimeters

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NAY PYI TAW												
Yezin	7	5	8	12	124	175	175	244	153	161	33	17
Tatkone	8	1	6	52	103	208	135	163	117	159	30	5
Pyinmana	7	2	6	26	136	115	220	262	166	158	21	15
KACHIN STATE												
Myitkyina	14	13	22	62	214	581	592	475	312	173	25	9
Mohnyin	10	12	13	50	218	370	314	280	200	169	20	3
KAYAH STATE												
Loikaw	18	1	17	45	159	136	166	266	191	155	41	10
KAYIN STATE												
Hpa-an	13	2	17	56	418	876	1,132	1,054	655	247	29	13
CHIN STATE												
Falam	19	9	17	75	173	266	335	303	201	218	27	5
Hakha	21	9	18	66	176	269	364	344	306	218	26	8
SAGAING DIVISION												
Katha	13	9	10	52	252	401	276	274	234	170	24	6
Mawlaik	6	8	9	48	207	313	281	307	324	235	25	2
Monywa	3	2	6	29	114	75	66	129	149	185	13	3
Shwe Bo	3	3	10	23	100	102	81	204	164	169	11	4
Hkamti	4	13	17	52	224	729	1,085	696	519	216	19	4
TANINTHARYI DIVISION												
Dawei	14	15	26	92	503	972	1,332	1,119	883	315	57	7
Myeik	44	67	72	127	429	765	843	646	740	383	57	31
BAGO DIVISION												
Bago	10	3	11	41	378	611	835	703	479	223	55	11
Pyay	7	0	1	22	148	291	260	267	225	170	22	4
MAGWAY DIVISION												
Magway	9	6	15	44	88	167	155	159	173	178	12	6
Gangaw	4	4	9	31	152	188	164	234	200	214	14	5
MANDALAY DIVISION												
Mandalay	4	2	5	29	168	99	73	167	159	198	24	7
Pyin Oo Lwin	6	2	18	82	248	164	155	227	256	273	52	14
Nyaung Oo	3	1	4	9	95	64	23	129	141	191	17	4
MON STATE												
Mawlamyine	15	1	14	53	522	889	1,238	1,142	730	252	38	19
Yay	17	5	31	63	519	1,033	1,228	1,241	956	311	83	9
RAKHINE STATE												
Sittway	10	3	4	31	398	1,085	1,431	928	570	367	28	14
Thantwe	11	0	0	25	345	1,120	1,419	1,265	586	246	78	17
YANGON DIVISION												
Yangon	8	1	17	27	373	530	657	530	473	248	53	6
SHAN STATE												
Lashio	10	5	11	44	143	164	268	261	172	135	29	12
Taunggyi	14	2	8	53	170	168	207	316	228	188	38	14
Keng Tung	21	10	29	59	130	152	237	288	158	103	43	22
AYEYARWADY DIVISION												
Patheingyi	6	3	12	33	326	592	765	646	437	218	49	13

Source: Department of Meteorology and Hydrology.

METHODOLOGY SHEET | Catastrophic Occurrences, Losses and Relief

Responsible Unit (Service or Structure)	Fire Services Department and Relief and Resettlement Department
Level of Disaggregation	Union, States and Regions
Study Variables	Type of disasters
Classification Variables	Number of cases and value in kyat million
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Number of occurrences
Tables	1.04, 1.05, 1.06, 1.07, 1.08, 1.09

TABLE 1.04 CATASTROPHIC OCCURRENCES

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Year	Fire		Floods			Cyclones			Others		
	Cases	Value of Relief Materials (K Million)	Cases	Estimated Loss (K Million)	Value of Relief Materials (K Million)	Cases	Estimated Loss (K Million)	Value of Relief Materials (K Million)	Cases	Estimated Loss (K Million)	Value of Relief Materials (K Million)
2005-2006	82	27.87	9	0.67	6.05	12	44.02	1.08	7	0.1	1.00
2010-2011	126	40.04	24	19.53	26.93	28	1,012.95	72.12	11	1.25	15.46
2012-2013	177	57.49	44	9.84	163.62	101	119.57	33.81	96	54.53	390.83
2013-2014	189	225.86	49	-	213.50	55	81.57	34.06	67	186.12	134.04
2014-2015	233	133.09	28	106.79	77.76	100	499.88	73.68	102	25.63	115.97
2015-2016	230 (r)	445.57 (r)	104 (r)	9720.96	387.49 (r)	191 (r)	378.32 (r)	124.76 (r)	133	144.27	126.64
2016-2017	455	205.16	243	7.60	885.71	496	2477.31	1745.68	438	17.66	429.25

Note : Cases include those for which relief measures are undertaken.

Source: Relief and Resettlement Department.

TABLE 1.05 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS
Years 2015/2016 -2016/2017, absolute values

States and Regions	Events	2015-2016				2016-2017			
		Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)	Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)
Union	Fire	230	-	2,698	12,143	455	70	2,174	9,566
	Flood	104	-	188,045	826,278	243	77	128,108	614,447
	Storm	191	-	6,119	22,483	496	54	66,928	211,249
	Earthquake	-	-	-	-	6	3	12	72
	Riverbank Erosion	60	-	2,425	10,757	175	-	3,104	13,383
	Landslide	14	150	992	4,763	54	70	201	1,048
	Thunder Lighting Stroke	44	50	-	-	56	59	-	-
	Conflict	14	11	1,849	7,679	121	18	7,505	36,607
	Others	1	7	-	54	26	167	769	10,697
	Total	658	218	202,128	884,157	1,632	518	208,801	897,069
Kachin State	Fire	10	-	15	99	34	6	96	410
	Flood	4	-	589	3,064	15	15	694	3,469
	Storm	7	-	84	447	15	2	649	2,985
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	33	-	213	1,300
	Landslide	2	114	11	97	23	61	-	-
	Thunder Lighting Stroke	4	4	-	-	6	6	-	-
	Conflict	4	-	278	1,245	14	-	704	3,529
	Others	-	-	-	-	5	7	-	-
	Total	31	118	977	4,952	145	97	2,356	11,693
Kayah State	Fire	8	-	8	39	16	-	17	103
	Flood	-	-	-	-	-	-	-	-
	Storm	5	-	85	500	14	1	71	387
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-
	Landslide	1	22	100	727	-	-	-	-
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
	Total	14	22	193	1,266	30	1	88	490
Kayin State	Fire	5	-	10	46	12	-	24	102
	Flood	4	-	2,217	7,747	2	-	348	1,626
	Storm	1	-	11	49	4	-	41	177
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-
	Landslide	-	-	-	-	3	4	3	14
	Thunder Lighting Stroke	3	4	-	-	-	-	-	-
	Conflict	-	-	-	-	6	-	1,037	5,592
	Others	-	-	-	-	2	-	19	66
	Total	13	4	2,238	7,842	29	4	1,472	7,577
Chin State	Fire	2	-	15	53	7	7	20	100
	Flood	-	-	-	-	2	2	15	82
	Storm	-	-	-	-	21	-	761	4,813
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-
	Landslide	4	9	873	3,904	12	2	168	926
	Thunder Lighting Stroke	1	1	-	-	-	-	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
	Total	7	10	888	3,957	42	11	964	5,921
Sagaing Region	Fire	20	-	147	929	33	-	30	106
	Flood	17	-	27,833	119,780	27	9	12,646	58,162
	Storm	10	-	576	2,341	53	13	19,233	12,011
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	1	-	18	139	4	-	33	135
	Landslide	1	1	-	-	2	-	8	38
	Thunder Lighting Stroke	8	9	-	-	7	8	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	1	7	-	54	3	144	-	154
	Total	58	17	28,574	123,243	129	174	31,950	70,606

TABLE 1.05 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (cont'd)
Years 2015/2016 - 2016/2017, absolute values

States and Regions	Events	2015-2016				2016-2017			
		Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)	Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)
Tanintharyi Region	Fire	15	-	633	2,469	21	1	46	220
	Flood	5	-	189	823	6	3	184	872
	Storm	7	-	43	228	5	2	6	36
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-
	Landslide	4	-	6	35	3	-	7	27
	Thunder Lighting Stroke	1	2	-	-	1	1	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	2	2	1	6
Total	32	2	871	3,555	38	9	244	1,161	
Bago Region	Fire	22	-	129	511	51	2	156	606
	Flood	8	-	3,587	31,622	23	4	15,578	53,397
	Storm	46	-	1,335	4,943	106	4	4,605	16,708
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	8	-	702	3,133	16	-	450	1,845
	Landslide	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	20	21	-	-	11	12	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
Total	104	21	5,753	40,209	207	22	20,789	72,556	
Magway Region	Fire	26	-	536	2,037	38	1	188	742
	Flood	5	-	28,476	127,018	73	12	15,379	176,912
	Storm	15	-	836	3,403	64	2	10,896	45,045
	Earthquake	-	-	-	-	4	3	5	38
	Riverbank Erosion	19	-	900	4,402	37	-	895	3,866
	Landslide	-	-	-	-	1	-	2	7
	Thunder Lighting Stroke	-	-	-	-	3	4	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	1	-	-	5
Total	65	-	30,748	136,860	221	22	27,365	226,615	
Mandalay Region	Fire	36	-	323	1,553	33	6	192	938
	Flood	11	-	2,500	10,400	16	4	37,158	155,200
	Storm	22	-	944	1,657	26	18	14,475	63,128
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	16	-	255	1,178	9	-	104	416
	Landslide	2	4	2	-	1	-	3	13
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-
	Conflict	1	-	22	95	1	-	34	105
	Others	-	-	-	-	1	4	-	-
Total	88	4	4,046	14,883	87	32	51,966	219,800	
Mon State	Fire	10	-	17	86	28	2	50	216
	Flood	3	-	1,425	6,190	1	-	40	185
	Storm	5	-	30	191	7	-	66	254
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	2	-	9	32
	Landslide	-	-	-	-	1	-	1	3
	Thunder Lighting Stroke	-	-	-	-	-	-	-	-
	Conflict	-	-	-	-	1	-	20	120
	Others	-	-	-	-	-	-	-	-
Total	18	-	1,472	6,467	40	2	186	810	

TABLE 1.05 TYPE OF NATURAL DISASTERS BY STATES AND REGIONS (concl'd)
Years 2015/2016 – 2016/2017, absolute values

States and Regions	Events	2015-2016				2016-2017			
		Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)	Case	No. of Death (Person)	No. of Victims (Household)	No. of Victims (Person)
Rakhine State	Fire	22	-	114	682	33	10	559	2,418
	Flood	15	-	9,040	49,427	15	19	6,374	26,531
	Storm	7	-	285	919	23	-	471	2,081
	Earthquake	-	-	-	-	1	-	1	5
	Riverbank Erosion	-	-	-	-	2	-	2	14
	Landslide	-	-	-	-	4	-	6	16
	Thunder Lighting Stroke	2	2	-	-	4	4	-	-
	Conflict	2	-	29	229	1	3	412	1,214
	Others	-	-	-	-	5	7	745	3,452
	Total	48	2	9,468	51,257	88	43	8,570	35,731
Yangon Region	Fire	15	-	121	535	26	10	279	1,455
	Flood	6	-	3,761	14,246	5	1	1,957	6,221
	Storm	3	-	117	555	11	-	123	518
	Earthquake	-	-	-	-	1	-	6	29
	Riverbank Erosion	-	-	-	-	6	-	97	422
	Landslide	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	1	1	-	-	3	3	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	3	-	4	113
	Total	25	1	3,999	15,336	55	14	2,466	8,758
Shan State	Fire	7	-	283	1,647	61	20	200	953
	Flood	6	-	619	2,861	5	2	1,007	4,551
	Storm	12	-	353	1,377	66	9	9,899	41,740
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	-	-	-	-
	Landslide	-	-	-	-	4	3	3	4
	Thunder Lighting Stroke	-	-	-	-	8	8	-	-
	Conflict	7	11	1,520	6,110	98	15	5,298	26,047
	Others	-	-	-	-	1	-	-	6,901
	Total	32	11	2,775	11,995	243	57	16,407	80,196
Ayeyarwady Region	Fire	29	-	338	1,404	50	5	253	948
	Flood	20	-	107,809	453,100	44	1	36,230	125,068
	Storm	40	-	660	2,786	71	3	4,162	15,093
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	16	-	550	1,905	57	-	1,245	5,124
	Landslide	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	2	4	-	-	11	11	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	3	3	-	-
	Total	107	4	109,357	459,195	236	23	41,890	146,233
Nay Pyi Taw	Fire	3	-	9	53	12	-	64	249
	Flood	-	-	-	-	9	5	498	2,171
	Storm	11	-	760	3,087	10	-	1,470	6,273
	Earthquake	-	-	-	-	-	-	-	-
	Riverbank Erosion	-	-	-	-	9	-	56	229
	Landslide	-	-	-	-	-	-	-	-
	Thunder Lighting Stroke	2	2	-	-	2	2	-	-
	Conflict	-	-	-	-	-	-	-	-
	Others	-	-	-	-	-	-	-	-
	Total	16	2	769	3,140	42	7	2,088	8,922

Source: Relief and Resettlement Department

TABLE 1.06 CAUSES OF FIRE
Years 2005, 2010, 2012-2016, absolute values

Year	Occurrences	Causes of Fire						
		Accident and Negligence	Electrical Fire	Forest	Spontaneous	Arson	Insurgency	Others
2005	835	656	103	31	3	38	1	3
2010	920	699	107	64	16	33	-	1
2012	1,219	795	224	20	19	160	-	1
2013	1,673	990	310	111	37	221	-	4
2014	1,629	987	345	103	16	177	-	1
2015	1,708	903	376	170	40	208	3	8
2016	1,847	950	414	239	44	187	4	9

Source: Fire Services Department.

TABLE 1.07 LOSSES OF FIRE
Years 2005, 2010, 2012 - 2016, absolute values

Year	Loss of Life and Property						Estimated Loss in Kyat Million
	Casualties		Animals	Buildings			
	Fatalities	Injuries		Residence	Office/Factory	Warehouse (Godown)	
2005	20	58	620	4,868	22	40	2,000.54
2010	136	111	2,240	5,185	4	8	24,184.04
2012	184	295	2,819	15,765	8	11	10,701.18
2013	83	168	43,841	5,072	12	48	4,254.25
2014	60	181	17,653	3,206	9	78	4,272.41
2015	62	142	3,023	2,867	25	31	2,303.51
2016	67	163	39,702	5,817	18	58	41,640.65

Source: Fire Services Department.

TABLE 1.08 CAUSES OF FIRE BY STATES AND REGIONS
Year 2016, absolute values

States and Regions	Occurrences	Kitchen	Negligence	Electricity	Forest	Spontaneous	Arson	Insurgency	Others
Kachin State	91	20	27	27	1	1	11	4	-
Kayah State	23	7	8	5	2	-	1	-	-
Kayin State	35	6	14	5	5	3	2	-	-
Chin State	27	10	3	9	2	-	3	-	-
Sagaing Region	180	47	53	37	2	7	32	-	2
Taninthayi Region	69	15	28	13	6	4	3	-	-
Bago Region	157	43	51	28	21	4	10	-	-
Magway Region	150	27	57	25	23	2	15	-	1
Mandalay Region	212	36	85	60	6	7	18	-	-
Mon State	68	19	22	19	1	-	7	-	-
Rakhine State	92	35	24	8	-	2	23	-	-
Yangon Region	220	11	105	88	1	5	9	-	1
Shan State	236	23	59	49	70	6	26	-	3
Ayeyarwady Region	129	42	39	25	-	1	22	-	-
Nay Pyi Taw	158	10	24	16	99	2	5	-	2
Total	1,847	351	599	414	239	44	187	4	9

Source: Fire Services Department.

TABLE 1.09 LOSSES OF FIRE BY STATES AND REGIONS
Year 2016, absolute values

States and Regions	Casualties			Animals	Buildings			Estimated Loss in Kyat Million
	Fatalities	Injuries	Vitcims		Residence	Office/ Factory	Warehouse (Godown)	
Kachin State	2	7	-	-	99	-	5	762.57
Kayah State	-	2	21	-	34	-	-	26.59
Kayin State	2	4	18	5,000	28	-	1	93.60
Chin State	3	-	158	-	82	-	1	66.96
Sagaing Region	7	11	873	2,003	214	2	5	135.46
Taninthayi Region	2	3	2,005	5	436	-	10	229.95
Bago Region	5	12	284	14,550	267	1	2	154.60
Magway Region	-	7	1,533	1	415	2	-	276.60
Mandalay Region	9	33	567	5,002	583	2	6	1,258.21
Mon State	10	4	93	100	124	4	1	39.42
Rakhine State	7	15	2,930	-	293	2	1	244.51
Yangon Region	4	45	301	13,000	1,811	4	10	36,404.71
Shan State	15	10	1,954	40	982	-	6	1,350.67
Ayeyarwady Region	1	7	1,307	1	390	1	10	488.76
Nay Pyi Taw	-	3	90	-	59	-	-	108.02
Total	67	163	12,134	39,702	5,817	18	58	41,640.65

Source: Fire Services Department.

TERRITORY

METHODOLOGY SHEET | Administrative Units

Responsible Unit (Service or Structure)	General Administrative Department
Level of Disaggregation	Union, States and Regions
Study Variables	Area (Sq.mile, Sq.km), Number of district, township, town, ward, village tract and village
Classification Variables	Area, district, township, town, ward, village tract and village
Type of Dissemination	Publication (Book and CD Rom) , online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	The whole country
Tables	1.10

TABLE 1.10 LAND AND ADMINISTRATIVE UNITS

As of 10.11.2017, absolute values

States and Regions	Area		District	Township	Town	Ward	Village Tract	Village
	sq.mile	sq.km						
Union	261227.848	676552.697380	75	330	451	3,350	13,589	63,624
Kachin State	34379.222	89038.575160	4	18	30	160	596	2,547
Kayah State	4529.564	11731.095160	2	7	10	44	73	513
Kayin State	11730.849	30381.667170	4	7	18	86	376	2,097
Chin State	13906.967	36017.584300	4	9	17	54	467	1,358
Sagaing Region	36534.714	94621.073120	10	37	48	255	1,755	6,010
Tanintharyi Region	16735.557	43343.335400	3	10	18	90	264	1,228
Bago Region	15214.129	39402.996630	4	28	51	325	1,412	6,443
Magway Region	17305.320	44818.961740	5	25	30	184	1,535	4,781
Mandalay Region	11565.846	29954.326440	7	28	29	276	1,415	4,799
Mon State	4747.758	12296.194710	2	10	16	100	368	1,153
Rakhine State	14200.083	36776.723960	5	17	26	171	1,035	3,737
Yangon Region	3927.144	10170.890610	4	45	21	743	621	2,143
Shan State	60155.227	155795.721600	13	55	85	508	1,566	14,122
Ayeyarwady Region	13566.593	35136.051380	6	26	44	296	1,919	11,897
Nay Pyi Taw	2728.875	7067.500000	2	8	8	58	187	796

Note: Land and Administrative Units

Source: General Administrative Department.

Population

METHODOLOGY SHEET | 2014 Myanmar Population and Housing Census

Responsible Unit (Service or Structure)	Department of Population, Ministry of Immigration and Population
Level of Disaggregation	In total, 81,750 enumeration areas covering almost the entire country
Study Variables	The total population by sex, by States and Regions and by age group, the population density by States and Regions, the ageing index, country of residence
Classification Variables	States and Regions, male and female, urban and rural, age group and proportion
Type of Dissemination	Publication (Book and CD Rom) , online databanks
Frequency of Dissemination	2014
Frequency of Data Collection	Census was conducted from 29 th March to 10 th April 2014
Units	All entire people
Tables	1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.17,1.18,1.19

TABLE 1.11 DISTRIBUTION OF POPULATION
absolute thousand value

States and Regions	Total	Male	Female
Union	51,486	24,825	26,662
Union (enumerated)	50,280	24,229	26,051
Union (not enumerated)	1,206	596	610
Kachin State	1,689	878	811
Kachin State (enumerated)	1,643	855	787
Kachin State (not enumerated)	47	23	24
Kayah State	287	144	143
Kayin State	1,574	775	799
Kayin State (enumerated)	1,504	739	765
Kayin State (not enumerated)	70	36	34
Chin State	479	230	249
Sagaing Region	5,325	2,517	2,808
Tanintharyi Region	1,408	701	708
Bago Region	4,867	2,322	2,545
Magway Region	3,917	1,814	2,103
Mandalay Region	6,166	2,928	3,237
Mon State	2,054	987	1,067
Rakhine State	3,189	1,526	1,662
Rakhine State (enumerated)	2,099	990	1,109
Rakhine State (not enumerated)	1,090	537	553
Yangon Region	7,361	3,516	3,844
Shan State	5,824	2,911	2,914
Ayeyawady Region	6,185	3,010	3,175
Nay Pyi Taw ^{1/}	1,160	565	595

Note: ^{1/} Not include Myanmar people living outside the country at the time of the census, except those people who were working in Myanmar diplomatic missions abroad; this population of 972 people is included not enumerated in the population figure for Nay Pyi Taw.

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.12 POPULATION SIZE AND PROPORTION TO THE UNION
Years 1973 - 2014, absolute values and percentage compositions

States and Regions	Population			Proportion of the Total Population		
	1973**	1983**	2014	1973	1983	2014
UNION*	28,921	35,308	51,486	100	100	100
Kachin State*	738	905	1,689	2.6	2.6	3.3
Kayah State	127	168	287	0.4	0.5	0.6
Kayin State*	858	1,055	1,574	3	3	3.1
Chin State	323	369	479	1.1	1	0.9
Sagaing Region	3,119	3,862	5,325	10.8	10.9	10.3
Tanintharyi Region	719	917	1,408	2.5	2.6	2.7
Bago Region	3,180	3,800	4,867	11	10.8	9.5
Magway Region	2,635	3,243	3,917	9.1	9.2	7.6
Mandalay Region	3,668	4,578	6,166	12.7	13	12
Mon State	1,314	1,680	2,054	4.5	4.8	4
Rakhine State*	1,713	2,046	3,189	5.9	5.8	6.2
Yangon Region	3,189	3,966	7,361	11	11.2	14.3
Shan State	3,180	3,717	5,824	11	10.5	11.3
Ayeyawady Region	4,157	4,994	6,185	14.4	14.1	12
Nay Pyi Taw	-	-	1,160	-	-	2.3

Note: * Included the estimates of people who were not enumerated in the Census.

** Burma, 1983 Population Census Report; June, 1986
The population size in 1973 and 1983 includes Burmese nationals abroad at 1,576 and 7,710, people, respectively.

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.13 AREA AND POPULATION DENSITY

Years 1973-2014, absolute values and people per sq.km

States and Regions	Area* (sq. km)	Density (people per square km)		
		1973	1983	2014
Union	676,577.23	43	52	76
Kachin State	89,041.80	8	10	19
Kayah State	11,731.51	11	14	24
Kayin State	30,382.77	28	35	52
Chin State	36,018.90	9	10	13
Sagaing Region	93,702.48	33	41	57
Tanintharyi Region	43,344.91	17	21	32
Bago Region	39,404.43	81	96	124
Magway Region	44,820.58	59	72	87
Mandalay Region	30,888.09	99	124	200
Mon State	12,296.64	107	137	167
Rakhine State	36,778.05	47	56	87
Yangon Region	10,276.71	310	387	716
Shan State	155,801.38	20	24	37
Ayeyawady Region	35,031.88	118	142	177
Nay Pyi Taw	7,057.10	-	-	164

Note: * Area refers to land surface only,
not covered by water.

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.14 POPULATION PROPORTION
Year 2014, absolute thousand values and percentage values

States and Regions	Total Population	Both sexes	Male	Female	% urban	Both sexes	Male	Female	% Rural
Union	50,280	14,878	7,114	7,764	30	35,402	17,114	7,764	70
Kachin State	1,643	592	298	295	36	1,050	558	295	64
Kayah State	287	72	36	37	25	214	108	37	75
Kayin State	1,504	329	163	166	22	1,175	576	166	78
Chin State	479	100	47	53	21	379	182	53	79
Sagaing Region	5,325	911	430	481	17	4,414	2,087	481	83
Tanintharyi Region	1,408	338	165	173	24	1,070	536	173	76
Bago Region	4,867	1,072	501	571	22	3,795	1,821	571	78
Magway Region	3,917	588	271	317	15	3,329	1,543	317	85
Mandalay Region	6,166	2,143	1,033	1,110	35	4,022	1,895	1,110	65
Mon State	2,054	572	274	299	28	1,482	714	299	72
Rakhine State	2,099	354	167	187	17	1,745	823	187	83
Yangon Region	7,361	5,161	2,441	2,719	70	2,200	1,075	2,719	30
Shan State	5,824	1,396	692	703	24	4,429	2,218	703	76
Ayeyawady Region	6,185	873	413	460	14	5,312	2,597	460	86
Nay Pyi Taw	1,160	375	183	192	32	785	382	192	68

Note: Proportion of Enumerated Population

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.15 POPULATION PROPORTION AND DEPENDENCY RATIOS
Years 1973-2014, percentage values

Particular	1973			1983			2014		
	Union	Urban	Rural	Union	Urban	Rural	Union	Urban	Rural
Broad Age Group									
Total	100	100	100	100	100	100	100	100	100
Under 15 years	41.5	40.7	41.7	38.6	35.7	39.5	28.6	24.1	30.6
15 - 64 years	54.8	55.7	54.6	57.5	60.5	56.5	65.6	69.9	63.8
65+ years	3.7	3.3	3.8	3.9	3.8	4	5.8	6	5.7
Dependency Ratio									
Total Dependency Ratio	82.2	79.1	83.3	73.9	65.3	76.9	52.5	43	56.8
Child Dependency Ratio	75.6	73	76.4	67.1	59	69.9	43.7	34.4	47.9
Old Dependency Ratio	6.7	6.1	6.9	6.8	6.3	7	8.8	8.5	8.9
Ageing Index	8.8	8.3	9	10.2	10.8	10	20.1	24.8	18.6

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.16 POPULATION, DEPENDENCY RATIOS AND AGEING INDEX
Year 2014, absolute thousand values and ratio values

States and Regions	Population of Selected Age Groups (In Thousand)			Total Dependency Ratio	Child Dependency Ratio	Old Age Dependency Ratio	Ageing Index
	0 - 14	15 - 64	65+				
Union	14,400	32,983	2,898	52.5	43.7	8.8	20.1
Kachin State	493	1,084	66	51.6	45.5	6.1	13.4
Kayah State	99	177	11	62	56.0	6.0	10.8
Kayin State	539	889	77	69.3	60.6	8.7	14.3
Chin State	191	265	23	81	72.3	8.7	12
Sagaing Region	1,526	3,469	331	53.5	44.0	9.5	21.7
Tanintharyi Region	478	858	72	64.1	55.7	8.4	15.1
Bago Region	1,384	3,175	308	53.3	43.6	9.7	22.3
Magway Region	1,057	2,579	282	51.9	41.0	10.9	26.7
Mandalay Region	1,599	4,186	380	47.3	38.2	9.1	23.8
Mon State	642	1,279	133	60.6	50.2	10.4	20.8
Rakhine State	653	1,306	140	60.7	50	10.7	21.4
Yangon Region	1,725	5,220	415	41.1	33.1	8.0	24.1
Shan State	1,865	3,712	247	56.9	50.2	6.7	13.2
Ayeyawady Region	1,821	4,004	359	54.5	45.5	9.0	19.7
Nay Pyi Taw	327	780	53	48.8	41.9	6.9	16.4

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.17 FORMER CONVENTIONAL HOUSEHOLD MEMBERS LIVING ABROAD
Year 2014, absolute values and percentage compositions

Age Group	Country of residence										
	Total	Total %	Thailand	Malaysia	Singapore	China	Japan	Korea	India	USA	Others
Total	2,021,910	100.0	1,418,472	303,996	79,659	92,263	7,597	14,592	17,975	37,577	49,779
Total %	100.0	-	70.2	15.0	3.9	4.6	0.4	0.7	0.9	1.9	2.5
0-4	33,775	1.7	27,949	2,355	543	1,131	74	28	411	803	481
5 - 9	22,169	1.1	17,693	1,198	424	1,090	41	9	532	682	500
10 - 14	37,216	1.8	30,053	1,417	629	2,511	61	11	1,057	721	756
15 - 19	229,407	11.3	181,336	19,605	4,527	17,920	154	155	2,209	1,208	2,293
20 - 24	441,206	21.8	313,731	69,889	14,451	24,744	952	3,040	3,070	3,670	7,659
25 - 29	441,427	21.8	299,241	78,958	19,388	17,690	1,689	4,379	3,041	6,661	10,380
30 - 34	343,138	17	231,003	59,940	17,017	11,331	1,468	3,333	2,465	7,568	9,013
35 - 39	229,236	11.3	156,887	37,618	10,424	6,974	975	1,878	1,759	5,866	6,855
40 - 44	129,353	6.4	87,571	19,849	5,942	3,979	827	923	1,423	4,103	4,736
45 - 49	64,429	3.2	42,667	8,586	3,144	2,332	632	518	919	2,527	3,104
50 - 54	28,030	1.4	17,966	2,780	1,598	1,269	404	212	510	1,401	1,890
55 - 59	11,571	0.6	6,793	944	749	633	202	64	260	867	1,059
60 - 64	4,933	0.2	2,591	343	366	307	76	19	145	579	507
65 - 69	2,227	0.1	1,019	141	197	133	27	2	73	361	274
70 - 74	1,103	0.1	498	71	89	72	6	1	44	228	94
75 - 79	697	-	312	31	50	51	1	1	35	149	67
80 - 84	937	-	524	118	55	50	6	8	13	105	58
85 - 89	538	-	330	56	36	28	1	5	6	49	27
90+	518	-	308	97	30	18	1	6	3	29	26

Source: 2014 Myanmar Population and Housing Census.

TABLE 1.18 NUMBER AND PERCENTAGE OF PERSONS BY RELIGION
Year 2014, absolute values and percentage compositions

States and Regions		Total	Religion							Estimated Non-enumerated population
			Buddhist	Christian	Islam	Hindu	Animist	Other religion	No religion	
Kachin	Number	1,642,841	1,050,610	555,037	26,789	5,738	3,972	474	221	46,600
State	%		64.0	33.8	1.6	0.4	0.2	0.0	0.0	
Kayah	Number	286,627	142,896	131,237	3,197	269	5,518	3,415	59	69,753
State	%		49.9	45.8	1.1	0.1	1.9	1.2	0.0	
Kayin	Number	1,504,326	1,271,766	142,875	68,459	9,585	1,340	10,194	107	69,753
State	%		84.5	9.5	4.6	0.6	0.1	0.7	0.0	
Chin	Number	478,801	62,079	408,730	690	106	1,830	5,292	74	69,753
State	%		13.0	85.4	0.1	0.0	0.4	1.1	0.0	
Sagaing	Number	5,325,347	4,909,960	349,377	58,987	2,793	89	2,928	1,213	69,753
Region	%		92.2	6.5	1.1	0.1	0.0	0.1	0.0	
Tanintharyi	Number	1,408,401	1,231,719	100,758	72,074	2,386	576	567	321	69,753
Region	%		87.5	7.2	5.1	0.2	0.0	0.0	0.0	
Bago	Number	4,867,373	4,550,698	142,528	56,753	100,166	4,296	12,687	245	69,753
Region	%		93.5	2.9	1.2	2.0	0.1	0.3	0.0	
Magway	Number	3,917,055	3,870,316	27,015	12,311	2,318	3,353	1,467	275	69,753
Region	%		98.8	0.7	0.3	0.1	0.1	0.0	0.0	
Mandalay	Number	6,165,723	5,898,160	65,061	187,785	11,689	188	2,301	539	69,753
Region	%		95.7	1.1	3.1	0.2	0.0	0.0	0.0	
Mon	Number	2,054,393	1,901,667	10,791	119,086	21,076	109	1,523	141	69,753
State	%		92.6	0.5	5.8	1.0	0.0	0.1	0.0	
Rakhine	Number	2,098,807	2,019,370	36,791	28,731	9,791	2,711	759	654	1,090,000
State	%		96.2	1.8	1.4	0.5	0.1	0.0	0.0	
Yangon	Number	7,360,703	6,697,673	232,249	345,612	75,474	512	7,260	1,923	69,753
Region	%		91.0	3.2	4.7	1.0	-	0.1	-	
Shan	Number	5,824,432	4,755,834	569,389	58,918	5,416	383,072	27,036	24,767	69,753
State	%		81.7	9.8	1.0	0.0	6.6	0.5	0.4	
Ayeyawady	Number	6,184,829	5,699,665	388,348	84,073	5,440	459	6,600	244	69,753
Region	%		92.1	6.3	1.4	0.1	0.0	0.1	0.0	
Nay Pyi Taw	Number	1,160,242	1,123,036	12,293	24,030	516	20	286	61	69,753
Region	%		96.8	1.1	2.1	0.0	0.0	0.0	0.0	
Union	Number	50,279,900	45,185,449	3,172,479	1,147,495	252,763	408,045	82,825	30,844	1,206,353
	%		89.8	6.3	2.3	0.5	0.8	0.2	0.1	

Note: Based on the estimated overall population, including both the enumerated and non-enumerated population(51,486,253), and on the assumption that the non-enumerated population in Rakhine State affiliate with the Islamic faith.

Source: 2014 Myanmar Population and Housing Census

TABLE 1.19 PERCENTGE OF THE POPULATION BY RELIGION
Year 2014, absolute percentage values

Religion	Percentage			
	1973	1983	2014*	2014**
Buddhist	88.8	89.4	89.8	87.9
Christian	4.6	4.9	6.3	6.2
Islam	3.9	3.9	2.3	4.3
Hindu	0.4	0.5	0.5	0.5
Animist	2.2	1.2	0.8	0.8
Other Religion	0.1	0.1	0.2	0.2
No Religion	***	***	0.1	0.1
Union	100	100	100	100

Note: * Percentages are based on the 2014 Census enumerated population (50,279,900).

Source: 2014 Myanmar Population and Housing Census.

** Percentages are based on the estimated overall population, that is, the enumerated and non-enumerated populations (51,486,253). In the case of Rakhine State, where non-enumeration was significant, it is assumed that the non-enumerated population is predominantly affiliated with the Islamic faith.

*** Less than 0.1 per cent

METHODOLOGY SHEET | Population Estimate of Myanmar

Responsible Unit (Service or Structure)	Department of Population
Level of Disaggregation	Union, States and Regions
Study Variables	Total Population, Age Group and Sex, Sex Ratio, Density, Distribution, Movement, Foreigner Residing
Classification Variables	States and Regions, male and female, urban and rural, age group, proportion and nationality
Type of Dissemination	Publication (Book and CD Rom) , online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	All entire people
Tables	1.20,1.21,1.22,1.23,1.24,1.25

TABLE 1.20 POPULATION ESTIMATES

Years 2014/2015-2016/2017, absolute million values and percentage compositions

Year	Population (Million)			Annual Growth Rate (Percentage)
	Total	Male	Female	
2014 - 2015	51.99	25.07	26.92	0.88
2015 - 2016	52.45	25.26	27.19	0.88
2016 - 2017	52.92	25.45	27.47	0.89

Note: Population as of October 1.

Source : Department of Population.

TABLE 1.21 POPULATION ESTIMATES BY BROAD AGE-GROUP

Years 2014/2015-2016/2017, absolute million values and ratio values compositions

Age-Group	2014-15		2015-16		2016-17	
	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)	Numbers (Million)	Ratio (%)
0 - 14 Years	15.02	28.90	15.01	28.61	14.98	28.31
Male	7.62	30.39	7.61	30.14	7.6	29.85
Female	7.40	27.50	7.40	27.20	7.38	26.88
15 - 59 Years	32.35	62.21	32.69	62.33	33.04	62.44
Male	15.47	61.70	15.62	61.84	15.78	62.00
Female	16.88	62.70	17.07	62.78	17.26	62.85
60 Years and above	4.62	8.89	4.75	9.06	4.90	9.25
Male	1.98	7.91	2.03	8.02	2.08	8.15
Female	2.64	9.80	2.72	10.02	2.82	10.27
Total	51.99	100.00	52.45	100.00	52.92	100.00
Male	25.07	100.00	25.26	100.00	25.45	100.00
Female	26.92	100.00	27.19	100.00	27.47	100.00
Sex Ratio (Males per 100 Females)	93.10		92.87		92.66	

Note: Population as of October 1.

Source : Department of Population.

TABLE 1.22 POPULATION ESTIMATED BY 5 YEARS AGE-GROUP
Years 2014-2016, absolute thousand value

Age Group	Sex	2014	2015	2016
0-4	Total	4841	4887	4938
	Male	2448	2471	2499
	Female	2393	2416	2439
5-9	Total	5072	4966	4865
	Male	2577	2518	2461
	Female	2495	2448	2404
10-14	Total	5110	5155	5177
	Male	2593	2622	2637
	Female	2517	2533	2540
15-19	Total	4770	4816	4867
	Male	2369	2403	2438
	Female	2401	2413	2429
20-24	Total	4447	4465	4492
	Male	2150	2164	2183
	Female	2297	2301	2309
25-29	Total	4250	4247	4244
	Male	2042	2034	2028
	Female	2208	2213	2216
30-34	Total	4009	4038	4062
	Male	1936	1944	1948
	Female	2073	2094	2114
35-39	Total	3665	3704	3745
	Male	1755	1773	1792
	Female	1910	1931	1953

TABLE 1.22 POPULATION ESTIMATED BY 5 YEARS AGE GROUP (concl'd)
Years 2014-2016, absolute thousand value

Age Group	Sex	2014	2015	2016
40-44	Total	3376	3409	3439
	Male	1593	1608	1621
	Female	1783	1801	1818
45-49	Total	3039	3086	3132
	Male	1419	1437	1456
	Female	1620	1649	1676
50-54	Total	2653	2713	2768
	Male	1226	1250	1273
	Female	1427	1463	1495
55-59	Total	2137	2214	2291
	Male	974	1006	1039
	Female	1163	1208	1252
60-64	Total	1646	1709	1771
	Male	742	766	789
	Female	904	943	982
65 & +	Total	2976	3041	3126
	Male	1242	1260	1287
	Female	1734	1781	1839
UNION TOTAL	Total	51991	52450	52917
	Male	25066	25256	25451
	Female	26925	27194	27466

Note: Population as of October 1.

Source : Department of Population.

TABLE 1.23 SEX RATIO
Years 2014-2016, ratio value

States and Regions	2014	2015	2016
Kachin State	108.13	108.19	108.23
Kayah State	99.54	99.34	99.17
Kayin State	96.8	96.44	96.11
Chin State	92.55	92.28	92.04
Sagaing Region	89.69	89.56	89.44
Tanintharyi Region	98.93	98.79	98.65
Bago Region	91.16	90.92	90.7
Magway Region	86.28	85.94	85.61
Mandalay Region	90.49	90.22	89.97
Mon State	92.36	91.71	91.1
Rakhine State	91.78	91.53	91.3
Yangon Region	91.44	91.09	90.77
Shan State	99.93	99.79	99.66
Ayeyarwady Region	94.76	94.64	94.51
Nay Pyi Taw Council	94.92	94.73	94.55
Union	93.1	92.87	92.66

Note: Population as of October 1.

Source : Department of Population.

TABLE 1.24 POPULATION ESTIMATES, GROWTH RATE AND POPULATION DENSITY
Years 2014/2015-2016/2017, absolute million value / percent / per square kilometre

States and Regions	Estimated Population(million)			Population Growth Rate(%)			Density (Per sq Km)		
	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17	2014-15	2015-16	2016-17
Total	51.99	52.45	52.92	0.88	0.88	0.89	77	78	78
Kachin	1.73	1.76	1.8	1.87	1.87	1.86	19	20	20
Kayah	0.29	0.3	0.3	2.18	2.16	2.14	25	25	26
Kayin	1.57	1.58	1.58	0.56	0.55	0.54	52	52	52
Chin	0.49	0.5	0.5	1.16	1.14	1.12	14	14	14
Sagaing	5.37	5.41	5.45	0.74	0.73	0.73	57	58	58
Tanintharyi	1.42	1.43	1.45	0.87	0.87	0.87	33	33	33
Bago	4.89	4.9	4.91	0.24	0.23	0.22	124	124	125
Magway	3.95	3.94	3.94	-0.04	-0.04	-0.05	88	88	88
Mandalay	6.22	6.27	6.33	0.90	0.91	0.91	201	203	205
Mon	2.05	2.03	2.02	-0.59	-0.58	-0.56	166	165	164
Rakhine	3.25	3.27	3.28	0.51	0.51	0.51	88	89	89
Yangon	7.43	7.6	7.76	2.18	2.2	2.2	723	739	755
Shan	5.91	6	6.09	1.54	1.54	1.54	38	39	39
Ayeyarwady	6.26	6.26	6.27	0.11	0.08	0.06	179	179	179
Naypyitaw	1.18	1.2	1.22	1.72	1.71	1.69	167	170	172

Note: Population as of October 1.

Source : Department of Population.

TABLE 1.25 POPULATION DISTRIBUTION
Years 2014-2016, percent value

States and Regions	Sex	2014	2015	2016
Kachin State	Total	3.33	3.36	3.40
	Male	3.59	3.63	3.68
	Female	3.09	3.11	3.14
Kayah State	Total	0.56	0.57	0.57
	Male	0.58	0.59	0.59
	Female	0.54	0.55	0.56
Kayin State	Total	3.01	3.00	3.00
	Male	3.08	3.06	3.05
	Female	2.96	2.95	2.94
Chin State	Total	0.94	0.95	0.95
	Male	0.94	0.95	0.95
	Female	0.95	0.95	0.95
Sagaing Region	Total	10.33	10.32	10.30
	Male	10.13	10.12	10.11
	Female	10.52	10.5	10.48
Tanintharyi Region	Total	2.74	2.73	2.74
	Male	2.82	2.82	2.82
	Female	2.65	2.65	2.65
Bago Region	Total	9.40	9.34	9.28
	Male	9.29	9.23	9.17
	Female	9.49	9.43	9.37
Magway Region	Total	7.59	7.52	7.45
	Male	7.29	7.22	4.15
	Female	7.87	7.80	7.74
Mandalay Region	Total	11.96	11.96	11.96
	Male	11.79	11.78	11.78
	Female	12.12	12.13	12.13
Mon State	Total	3.94	3.88	3.82
	Male	3.92	3.85	3.79
	Female	3.95	3.90	3.85
Rakhine State	Total	6.25	6.23	6.20
	Male	6.20	6.18	6.16
	Female	6.29	6.27	6.25
Yangon Region	Total	14.29	14.48	14.67
	Male	14.16	14.33	14.51
	Female	14.42	14.62	14.82
Shan State	Total	11.37	11.44	11.52
	Male	11.78	11.87	11.95
	Female	10.98	11.05	11.11
Ayeyarwady Region	Total	12.03	11.94	11.84
	Male	12.14	12.06	11.97
	Female	11.93	11.83	11.73
Nay Pyi Taw Council	Total	2.26	2.28	2.30
	Male	2.29	2.31	2.32
	Female	2.24	2.26	2.28
Union	Total	100	100	100
	Male	100	100	100
	Female	100	100	100

Note: Population as of October 1.

Source : Department of Population.

METHODOLOGY SHEET | Movement of Population

Responsible Unit (Service or Structure)	Department of Immigration
Level of Disaggregation	Union
Study Variables	Travellers by sea, by air and by land
Classification Variables	Arrival and departure of travellers by sea, by air and by land
Type of Dissemination	Publication (Book and CD Rom) , online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily record from the Yangon, Mandalay international airports and border gates
Units	All Travellers passed by Yangon, Mandalay international airports and border gates
Tables	1.26

TABLE 1.26 MOVEMENT OF POPULATION
Years 2005, 2010, 2012 -2016, absolute values

Year	Total		By Sea		By Air		By Land	
	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures	Arrivals	Departures
2005	1413446	3862969	2388	2464	159201	194082	1251857	3666423
2010	1997210	2277719	862	686	307042	393131	1689306	1883902
2012	2223701	2264536	1582	1203	448768	487983	1773351	1775350
2013	695886	742497	643	690	569348	615811	125895	125996
2014	2372102	7352843	462	477	699582	749357	1672058	6603009
2015	2471424	7482816	839	877	858505	902830	1612080	6579109
2016	2860229	2828248	11626	11476	1213992	1205572	1634611	1611200

Note: Data refer to arrival and departure of travellers holding various types of visas except tourist visa.

Source: Department of Immigration.

METHODOLOGY SHEET | **Foreigners residing**

Responsible Unit (Service or Structure)	Department of Immigration
Level of Disaggregation	All foreigners registered by States and Regions at Departments of Immigration
Study Variables	Foreigners residing by nationalities
Classification Variables	Gender
Type of Dissemination	Publication (Book and CD Rom) , online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	All foreigners registered by States and Regions
Tables	1.27

TABLE 1.27 FOREIGNERS RESIDING
Years 2012-2016 , absolute values

States and Regions	Year	Chinese		Indian		Pakistani		Bangladeshi		Others		Total	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Union	2012	12949	12151	12419	13036	1517	900	563	304	4249	4181	31697	30572
	2013	12476	11589	11775	12428	1434	866	487	289	4079	4068	30251	29240
	2014	12346	11466	11626	12277	1436	850	474	281	4055	4048	29937	28922
	2015	11968	11095	11295	11944	1401	826	456	279	3977	3981	29097	28125
	2016	11561	10689	10902	11723	1201	775	396	262	3876	3894	27936	27343
Kachin State	2012	4330	3835	457	331	32	17	1	1	197	170	5017	4353
	2013	4172	3634	450	325	30	17	1	1	193	165	4846	4141
	2014	4166	3613	446	322	29	16	1	-	192	161	4834	4112
	2015	4125	3564	439	317	30	15	1	-	188	157	4783	4053
	2016	3978	3469	408	300	17	13	1	-	156	124	4560	3906
Kayah State	2012	8	12	7	17	-	5	2	7	145	181	162	222
	2013	7	10	7	15	-	4	2	6	120	158	136	193
	2014	7	10	7	15	-	4	2	6	117	158	133	193
	2015	7	10	7	15	-	4	2	6	111	154	127	189
	2016	8	9	5	14	1	5	3	6	107	152	124	186
Kayin State	2012	4	4	7	4	6	-	28	2	4	5	49	15
	2013	4	4	7	4	6	-	28	2	4	5	49	15
	2014	4	4	5	3	6	-	22	1	4	5	41	13
	2015	4	4	5	3	6	-	19	1	4	5	38	13
	2016	3	4	2	3	5	-	3	1	2	5	15	13
Chin State	2012	-	1	-	-	-	-	1	1	-	-	1	2
	2013	-	1	-	-	-	-	1	1	-	-	1	2
	2014	-	1	-	-	-	-	1	1	-	-	1	2
	2015	-	1	-	-	-	-	1	1	-	-	1	2
	2016	0	1	-	-	-	-	1	1	-	-	1	2
Sagaing Region	2012	215	250	259	352	9	6	-	-	23	22	506	630
	2013	208	244	252	346	9	6	-	-	23	22	492	618
	2014	130	132	123	155	16	17	-	1	12	13	281	318
	2015	112	125	115	142	14	17	-	1	12	13	253	298
	2016	109	127	112	138	12	17	-	1	12	13	245	296
Tanintharyi Region	2012	215	250	259	352	9	6	-	-	23	22	506	630
	2013	208	244	252	346	9	6	-	-	23	22	492	618
	2014	229	266	252	344	9	6	-	-	22	22	512	638
	2015	202	239	251	342	8	6	-	-	22	22	483	609
	2016	189	235	240	333	6	6	-	-	22	21	457	595
Bago Region	2012	629	635	1315	1414	38	2	121	10	10	2	2114	2063
	2013	607	600	1268	1357	43	2	109	7	5	3	2032	1969
	2014	598	589	1260	1352	43	1	107	7	5	3	2013	1952
	2015	559	567	1197	1299	43	1	99	7	5	3	1903	1877
	2016	531	542	1149	1268	34	1	90	7	5	3	1809	1821

TABLE 1.27 FOREIGNERS RESIDING (concl'd)
Years 2012-2016 , absolute values

States and Regions	Year	Chinese		Indian		Pakistani		Bangladeshi		Others		Total	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Magway Region	2012	35	41	305	434	7	5	3	1	-	1	350	482
	2013	32	40	281	410	7	5	3	1	-	1	323	457
	2014	29	39	275	394	7	5	3	1	-	1	314	440
	2015	26	33	269	371	3	1	2	1	-	1	300	407
	2016	24	30	263	369	3	1	2	1	-	1	292	402
Mandalay Region	2012	861	821	976	1134	84	63	62	29	1692	1686	3625	3733
	2013	858	796	942	1100	82	59	16	20	1625	1676	3523	3651
	2014	849	788	929	1086	82	60	16	20	1625	1676	3501	3630
	2015	818	778	889	1072	76	53	16	20	1621	1675	3420	3598
	2016	803	764	863	1058	74	49	16	20	1621	1674	3377	3565
Mon State	2012	100	92	275	224	56	11	10	9	-	-	441	336
	2013	79	70	244	202	39	11	9	8	-	-	371	291
	2014	76	65	231	194	39	10	8	8	-	-	354	277
	2015	72	64	218	185	35	10	7	8	-	-	332	267
	2016	55	52	209	180	34	9	5	8	-	-	303	249
Rakhine State	2012	36	62	15	4	306	115	72	53	-	-	429	234
	2013	36	62	15	4	300	114	69	56	-	-	420	236
	2014	35	62	14	4	303	111	67	56	-	-	419	233
	2015	35	62	14	4	293	108	67	54	-	-	409	228
	2016	32	62	11	4	254	102	61	54	-	-	358	222
Yangon Region	2012	3156	3197	6308	6598	713	473	205	166	153	107	10535	10541
	2013	2989	2995	5878	6168	681	467	193	159	146	94	9887	9883
	2014	2955	2961	5860	6135	676	461	193	155	147	92	9831	9804
	2015	2892	2869	5760	6007	670	454	192	155	147	93	9661	9578
	2016	2800	2706	5631	5914	567	423	189	143	140	87	9327	9273
Shan State	2012	2722	2363	384	398	110	105	1	1	2050	1989	5267	4856
	2013	2670	2303	381	394	107	103	1	4	1938	1926	5097	4730
	2014	2648	2288	383	395	108	102	1	2	1926	1917	5066	4704
	2015	2519	2159	348	365	108	102	1	2	1862	1858	4838	4486
	2016	2468	2101	337	355	106	96	1	1	1807	1814	4719	4367
Ayeyarwady Region	2012	682	679	1980	1955	146	82	55	24	5	-	2868	2740
	2013	643	671	1919	1932	120	62	54	24	5	-	2741	2689
	2014	620	648	1841	1878	118	57	53	23	5	-	2637	2606
	2015	597	620	1783	1822	115	55	49	23	5	-	2549	2520
	2016	561	587	1672	1787	88	53	24	19	4	-	2349	2446

Note: Foreigner residing under Foreigner's Registration Act

Source: Department of Immigration.

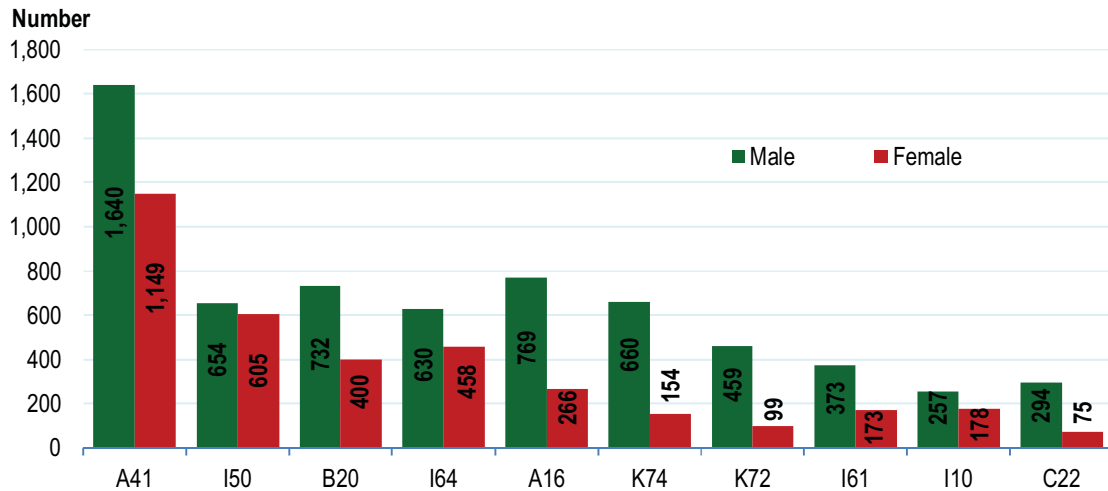


2

Health and Social Welfare

In 2016-2017 the number of **Government Hospitals** increased by **35.32%** over 2005-2006. | Among the Medical and Health Personal, the number of **Doctors** showed a less by **43.61%**, Dental Surgeons by 52.32%, Nurses by 5.59% in 2016-2017. | In 2015 the most frequent single leading causes of **Mortality** are Other **Septicaemia** was 7.2%, and heart failure was 3.3%. | In 2015 the highest **Fatality Rate** per 1,000 D&D was referred to **under 1 age**, 3.4%, the lowest to children **5-14 age**, 0.5%. | **Antenatal care children** coverage by Basic Health Staff was **86.1%** in 2016. | The value of **Government Insurance** Policies in 2016-2017 was 257,966.57 Kyat millions.

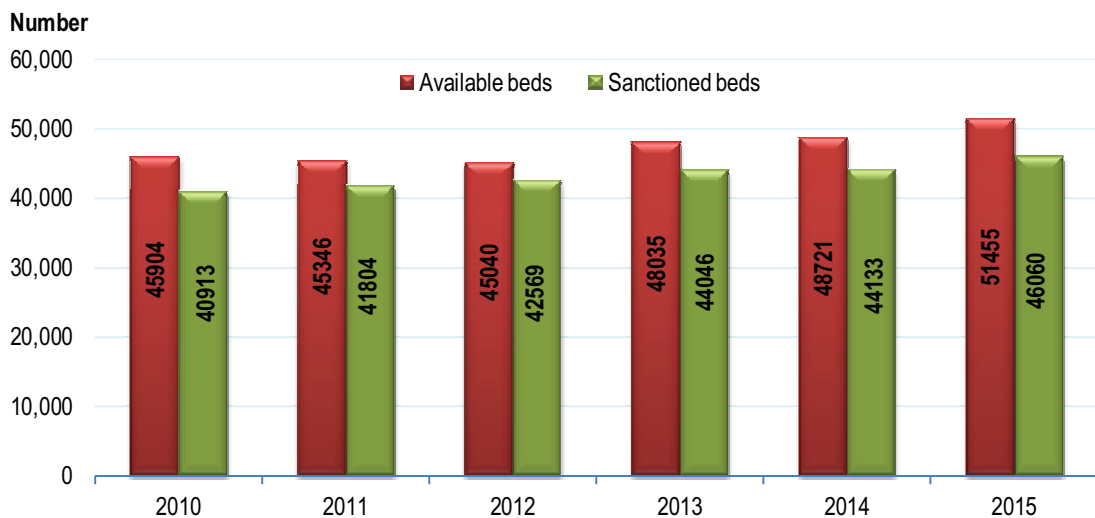
FIGURE 2.1 LEADING CAUSES OF MORTALITY, 2015



A41 = Other septicaemia
 I50 = Heart failure
 B20 = Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases
 I64 = Stroke, not specified as haemorrhage or infarction
 A16 = Respiratory tuberculosis, not confirmed bacteriologically or histologically
 K74 = Fibrosis and cirrhosis of liver
 K72 = Hepatic failure, not elsewhere classified
 I61 = Intracerebral haemorrhage
 I10 = Essential (primary) hypertension
 C22 = Malignant neoplasm of liver and intrahepatic

Source: Department of Public Health

FIGURE 2.2 PUBLIC HOSPITAL BEDS



Source: Department of Public Health

HEALTH

METHODOLOGY SHEET | Health Statistics

Responsible Unit (Service or Structure)	Department of Public Health, Department of Medical Services, Livestock Breeding and Veterinary Department
Level of Disaggregation	Union, States and Regions
Study Variables	Medical and health facilities and health personal, hospital services indicators, hospital resources and services, public hospitals by regions and states for government and primary health care and basic health services for public health activities, health facilities, health personal and general clinics by states and regions for private sector
Classification Variables	-
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Each and Every Township Medical Office
Tables	2.01, 2.02, 2.03, 2.04, 2.05, 2.06, 2.07, 2.08, 2.09, 2.10, 2.11

TABLE 2.01 MEDICAL AND HEALTH FACILITIES

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	20013-2014	2014-2015	2015-2016	2016-2017
GOVERNMENT HOSPITAL	824	898	945 (r)	969	975	1,054	1,115
(1) Specialist Hospital	20	24	26 (r)	28	28	32	32
Bed: Scheduled	5,950	7,400	9,450	8,150	8,150	8,750	9,150
Available	6,421	6,806	8,220	7,040	7,616	8,459	9,048
(2) General Hospital	804	874	919	941	947	1,022	1,083
Bed: Scheduled	28,116	33,513	35,119	35,896	35,983	37,310	44,038
Available	36,092	39,098	38,568	41,025	41,105 (r)	42,996	46,858
HOSPITAL ACTIVITY							
(1) In-Patient(000)	1,003	1,311	1,520	1,785	2,084	2,545	2,747
(2) Out-Patient(000)	2,755	3,627	4,166	5,519	7,276	9,280	10,190
INDIGENOUS MEDICINE							
(1) Indigenous Hospital	14	14	14	17	17	22	22
(2) Indigenous Medical Centers	237	237	237	254	247	260	260
(3) Patients Treated (000)	1,142	2,300	1,080	1,487	1,484	1,056	1,207
HEALTH CENTRE							
(1) Rural	1,456	1,558	1,635	1,684	1,696	1,778	1,778
(2) Primary and Secondary	86	86	87	87	88	90	90
(3) Maternity and Child Health	348	348	348	348	348	348	348
SCHOOL HEALTH TEAM							
(1) Number of Teams	80	80	80	80	80	80	330 *
(2) Schools visited (000)	35	38	37	38	41	42	44
(3) Children examined (000)	5,332	5,908	4,332	4,661	4,593	4,614	5,280

Note: *According to the new extended organization of department of public health on (7-3-2016).

Sources : Department of Public Health.

TABLE 2.02 MEDICAL AND HEALTH PERSONNEL

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Doctor	18,584	26,435	29,832	31,542	32,861	8,936 *	10,479 *
(i) state service	6,941	10,450	12,800	13,099	14,050	-	-
(ii) private practice	11,643	15,985	17,032	18,443	18,811	-	-
Dental Surgeon	1,594	2,562	3,011	3,219	3,413	498	760
Health Assistant	1,771	1,883	2,013	2,026	2,074	2,156	2,156
Nurse	19,776	25,644	28,254	29,532	32,609	21,598	20,881
Midwife	16,745	19,556	20,617	21,435	22,258	13,811	13,651 **
Lady Health Visitor	3,025	3,344	3,397	3,467	3,578	2,329	1,897 **
Public Health Supervisor (I)	529	541	677	652	657	1,098	1,098
Public Health Supervisor (II)	1,359	2,080	1,850	4,998	4,871	11,607	11,607
Indigenous Medical Practitioner	819	890	875	1,048	1,033	-	-
Veterinarian							
(i) Veterinary Doctor	3,872	4,267	4,588	4,758	4,980	5,209	5,209
Government (LBVD)	911	946	996	1,092	1,159	1,189	1,267
Private	2,961	3,321	3,592	3,666	3,821	4,020	3,942
(ii) Certified veterinarian	812	766	732	1,181	1,176 (r)	1,170 (r)	1,166

Note: * Only post strength department of public health and department of medical services

** The number of LHV reduced from (2,329) to (1,897) because they have been promoted to health Assistant and to Township Health Nurse or they resign, retire have been removed. The number of midwife reduced from (13,811) to (13,651) because they have been promoted to Nurse and lady Health Visitor or they resign, retire have been removed.

Sources: 1. Department of Public Health
2. Livestock Breeding and Veterinary Department.
3. Department of Medical Services.

TABLE 2.03 HOSPITALS SERVICE INDICATORS FOR UNION
Years 2005, 2010-2015, absolute and percentage values

Hospital Services	2005	2010	2011	2012	2013	2014	2015
Number of hospitals	824	898	924	945	969	975	1054
Number of sanctioned beds	34066	40913	41804	42569	44046	44133	46060
Number of available beds as of 31st December	42513	45904	45346	45040	48035	48721	51455
Number of admissions[,000]	1006	1340	1324	1530	1793	2103	2557
Number of discharges and deaths [,000]	1003	1312	1322	1520	1785	2093	2545
Number of deaths [,000]	28	30	28	31	32	35	38
Number of patient days [,000]	6838	7952	7842	8651	9878	11280	13264
Number of out-patient attendances[,000]	2755	3627	3660	4166	5519	7359	9280
Number of deliveries [,000]	119	165	178	202	237	285	348
Number of surgical operations[,000]	225	309	338	380	432	507	640
Percent of bed occupancy based on available beds	44	47	47	53	56	63	71
Percent of bed occupancy based on sanctioned beds	55	53	51	56	61	70	79
Average number of inpatients per day[,000]	17	22	21	24	27	30	36
Average number of outpatients per day[,000]*	10	15	15	17	23	30	38
Average duration of stay [in days]	6.8	6.0	5.9	5.6	5.5	5.4	5.2
Average turnover of patients per bed per year	24	29	29	34	37	43	49
Average turnover interval [in days]	8.6	6.7	6.5	5.1	4.3	3.1	2.1
Hospital death rate	2.8	2.3	2.1	2.0	1.8	1.7	1.5

Note: * per working days of hospital

Source: Department of Public Health.

TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES
Year 2014, absolute values

Type of Hospitals	Number of hospitals	Number of Sanctioned beds	Number of Available beds	Number of Admissions	Discharges & Deaths	Number of deaths	Total Patient days	Out Patients		Total Births		Number of Abortions
								New out patients	Total out patients	Livebirths	Stillbirths	
Specialist Hospitals	28	8150	7616	171278	170081	3102	1714895	343403	738107	23166	539	4713
General Hospitals	48	13700	16044	796218	794184	20619	4527091	1126768	2458871	79072	2190	11496
150 Bedded Hospitals	3	450	470	15614	15535	206	67993	30414	55305	2446	47	455
100 Bedded Hospitals	40	4000	4215	210575	209886	2795	981890	245991	406325	32925	926	5032
50 Bedded Hospitals	69	3450	3644	157356	156404	1701	741235	254034	464147	25033	673	4220
25 Bedded Hospitals	199	4975	6176	354039	351298	4206	1534694	759668	1221954	60173	1439	10515
16 Bedded Hospitals	19	304	324	4563	4482	6	13674	71594	116880	541	99	377
Station Hospitals	569	9104	10232	393707	390778	2563	1698953	1209156	1897632	53438	1180	10723
Total	975	44133	48721	2103350	2092648	35198	11280425	4041028	7359221	276794	7093	47531

TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)
Year 2015, absolute values

Type of Hospitals	Number of hospitals	Number of Sanctioned beds	Number of Available beds	Number of Admissions	Discharges & Deaths	Number of deaths	Total Patient days	Out Patients		Total Births		Number of Abortions
								New out patients	Total out patients	Livebirths	Stillbirths	
Specialist Hospitals	32	8750	8459	198418	197330	3475	2020008	415869	928700	28574	559	4079
General Hospitals	48	13700	16555	961351	959337	23077	5254204	1621252	3345473	99557	2466	14304
150 Bedded Hospitals	3	450	500	17712	17606	246	63932	39745	74922	3018	56	543
100 Bedded Hospitals	40	4100	4225	251879	251599	3076	1156482	292042	515022	36784	842	5290
50 Bedded Hospitals	69	3450	3594	187222	185794	1948	847351	308763	533144	30255	703	4654
25 Bedded Hospitals	202	5050	6304	412071	409300	4117	1734040	847577	1379776	69680	1433	11009
16 Bedded Hospitals	19	304	365	4269	4209	17	11386	76491	121645	652	109	313
Station Hospitals	641	10256	11453	523918	519945	2538	2176151	1521526	2380990	72255	1134	12335
Total	1054	46060	51455	2556840	2545120	38494	13263554	5123265	9279672	340775	7302	52527

TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (cont'd)
Year 2014, absolute and percentage values

Type of Hospitals	Surgical Operations				Average number of out-patients per day	Average number of in-patients per day	Average duration of stay (in days)	Percentage of occupancy based on available beds	Percentage of occupancy based on sanctioned beds	Average turn-over of patients per bed per year	Average turn-over interval (in days)	Hospital death rate
	General	Spinal	Local	Others								
Specialist Hospitals	13050	17812	26600	6243	3050	4698	10	62	58	22	6.3	1.8
General Hospitals	41612	95872	44398	12080	10161	12403	6	77	91	50	1.7	2.6
150 Bedded Hospitals	456	2128	373	59	229	186	4	40	41	33	6.7	1.3
100 Bedded Hospitals	8641	23851	6678	2910	1679	2690	5	64	67	50	2.7	1.3
50 Bedded Hospitals	6882	10424	9049	5005	1918	2031	5	56	59	43	3.8	1.1
25 Bedded Hospitals	16592	23217	34740	11239	5049	4205	4	68	85	57	2.0	1.2
16 Bedded Hospitals	6	0	666	0	483	37	3	12	12	14	23.3	0.1
Station Hospitals	15635	18730	43005	8562	7841	4655	4	45	51	38	5.2	0.7
Total	102874	192034	165509	46098	30410	30905	5	63	70	43	3.1	1.7

TABLE 2.04 ESTIMATED TOTAL FOR HOSPITAL RESOURCES AND SERVICES (concl'd)
Year 2015, absolute and percentage values

Type of Hospitals	Surgical Operations				Average number of out-patients per day	Average number of in-patients per day	Average duration of stay (in days)	Percentage of occupancy based on available beds	Percentage of occupancy based on sanctioned beds	Average turn-over of patients per bed per year	Average turn-over interval (in days)	Hospital death rate
	General	Spinal	Local	Others								
Specialist Hospitals	15061	21463	27590	7016	3838	5534	10	65	63	23	5.4	1.8
General Hospitals	42781	104225	46851	14029	13824	14395	5	87	105	58	0.8	2.4
150 Bedded Hospitals	489	2149	595	176	310	175	4	35	39	35	6.7	1.4
100 Bedded Hospitals	62576	26105	7502	2729	2128	3168	5	75	77	60	1.5	1.2
50 Bedded Hospitals	8148	13584	13438	5824	2203	2322	5	65	67	52	2.5	1.0
25 Bedded Hospitals	19360	27125	39650	11978	5702	4751	4	75	94	65	1.3	1.0
16 Bedded Hospitals	0	0	790	3	503	32	3	9	10	12	28.9	0.4
Station Hospitals	23647	22477	61463	11287	9839	5962	4	52	58	45	3.8	0.5
Total	172062	217128	197879	53042	38347	36339	5	71	79	49	2.1	1.5

Source: Department of Public Health.

TABLE 2.05 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY TYPE OF HOSPITALS
Years 2011-2015, absolute and percentage values

Types of Hospitals	Year	Delivers	Live Births	Live Births as percent of deliveries	Still Births	Still Births as percent of deliveries	Abortions	Abortion Rate
Specialist Hospitals	2011	17122	16723	97.7	399	2.3	3039	15.1
	2012	19001	18506	97.4	495	2.6	3130	14.1
	2013	20375	19888	97.6	487	2.4	3692	15.3
	2014	23705	23166	97.7	539	2.2	4713	19.8
	2015	29133	28574	98.0	559	1.9	4079	14.0
General Hospitals	2011	47898	46194	96.4	1704	3.6	7909	14.2
	2012	52340	50404	96.3	1936	3.7	8062	13.3
	2013	62467	60553	96.9	1914	3.1	9353	13
	2014	81262	79072	97.3	2190	2.6	11496	14.1
	2015	102023	99557	97.5	2466	2.4	14304	14.0
150 Bedded Hospitals	2011	1927	1872	97.1	55	2.9	381	16.5
	2012	2144	2100	97.9	44	2.1	410	16.1
	2013	2576	2536	98.4	40	1.6	437	14.5
	2014	2493	2446	98.1	47	1.8	455	18.2
	2015	3074	3018	98.1	56	1.8	543	17.6
100 Bedded Hospitals	2011	17119	16516	96.5	603	3.5	3136	15.5
	2012	20079	19239	95.8	840	4.2	3428	14.6
	2013	27205	26400	97	805	3	4278	13.6
	2014	33851	32925	97.2	926	2.7	5032	14.8
	2015	37626	36784	97.7	842	2.2	5290	14.0
50 Bedded Hospitals	2011	19245	18547	96.4	698	3.6	4357	18.5
	2012	21110	20436	96.8	674	3.2	4349	17.1
	2013	23844	23118	97	726	3	4114	14.7
	2014	25706	25033	97.3	673	2.6	4220	16.4
	2015	30958	30255	97.7	703	2.2	4654	15.4
25 Bedded Hospitals	2011	39306	37805	96.2	1501	3.8	9003	18.6
	2012	45333	43599	96.2	1734	3.8	9175	16.8
	2013	52033	50553	97.2	1480	2.8	9485	15.4
	2014	61612	60173	97.6	1439	2.3	10515	17.0
	2015	71113	69680	97.9	1433	2.0	11009	15.4
16 Bedded Hospitals	2011	140	140	100	-	-	2	1.4
	2012	154	154	100	-	-	9	5.5
	2013	145	145	100	-	-	5	3.3
	2014	640	541	84.5	99	15.4	377	58.9
	2015	761	652	85.6	109	14.3	313	14.1
Station Hospitals	2011	35615	34493	96.8	1122	3.2	9786	21.6
	2012	41708	40297	96.6	1411	3.4	9769	19
	2013	48025	46706	97.3	1319	2.7	10297	17.7
	2014	54618	53438	97.8	1180	2.1	10723	19.6
	2015	73389	72255	98.4	1134	1.5	12335	16.8
Union	2011	178372	172290	96.6	6082	3.4	37613	17.4
	2012	201869	194735	96.5	7134	3.5	38332	16
	2013	236670	229899	97.1	6771	2.9	41661	15
	2014	283887	276794	97.5	7093	2.5	47531	16.7
	2015	348077	340775	97.9	7302	2.1	52527	15.0

Source: Department of Public Health.

TABLE 2.06 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY STATES AND REGIONS
Years 2011-2015, absolute and percentage values

States and Regions	Year	Delivers	Live Births	Live Births as percentage of deliveries	Still Births	Still Births as percentage of deliveries	Abortions	Abortion Rate
UNION TOTAL	2011	178372	172290	96.6	6082	3.4	37613	17.4
	2012	201869	194735	96.5	7134	3.5	38332	16.0
	2013	236670	229899	97.1	6771	2.9	41661	15.0
	2014	283887	276794	97.5	7093	2.5	47531	16.7
	2015	348077	340775	97.9	7302	2.1	52527	15.0
Kachin State	2011	4672	4458	95.4	214	4.6	1340	22.3
	2012	5373	5156	96.0	217	4.0	1347	20.0
	2013	6921	6702	96.8	219	3.2	1505	17.9
	2014	8641	8379	96.9	262	3.0	1721	19.9
	2015	10981	10747	97.8	234	2.1	2116	19.2
Kayah State	2011	1407	1369	97.3	38	2.7	355	20.1
	2012	1248	1181	94.6	67	5.4	294	19.1
	2013	1593	1506	97.9	33	2.1	365	19.2
	2014	2158	2111	97.8	47	2.1	448	20.7
	2015	3089	3015	97.6	74	2.4	563	18.2
Kayin State	2011	4250	4090	96.2	160	3.8	1215	22.2
	2012	5111	4972	97.3	139	2.7	1298	20.3
	2013	5455	5316	97.5	139	2.5	1340	19.7
	2014	7082	6941	98.0	141	1.9	1522	21.4
	2015	8744	8575	98.0	169	1.9	1829	20.9
Chin State	2011	709	676	95.3	33	4.7	298	29.6
	2012	888	845	95.2	43	4.8	341	27.7
	2013	1131	1089	96.3	42	3.7	418	27.0
	2014	1696	1625	95.8	71	4.1	450	26.5
	2015	2683	2620	97.6	63	2.3	593	22.1
Sagaing Region	2011	19076	18462	96.8	614	3.2	3655	16.1
	2012	23110	22412	97.0	698	3.0	3862	14.3
	2013	28352	27636	97.5	716	2.5	4232	13.0
	2014	31071	30342	97.6	729	2.3	4346	13.9
	2015	38038	37280	98.0	758	1.9	4608	12.1
Tanintharyi Region	2011	4763	4609	96.8	154	3.2	913	16.1
	2012	5332	5186	97.3	146	2.7	834	13.5
	2013	6205	6011	96.9	194	3.1	976	13.6
	2014	7760	7588	97.7	172	2.2	1137	14.6
	2015	9380	9141	97.4	239	2.5	1236	13.1
Bago Region	2011	16278	15640	96.1	638	3.9	4008	19.8
	2012	18682	17882	95.7	800	4.3	3690	16.5
	2013	21652	20976	96.9	676	3.1	3891	15.2
	2014	27328	26624	97.4	704	2.5	4454	16.3
	2015	33196	32514	97.9	682	2.0	4735	14.2

TABLE 2.06 DELIVERIES, LIVE BIRTHS, STILL BIRTHS AND ABORTIONS BY STATES AND REGIONS
(concl'd)
Years 2011-2015, absolute and percentage values

States and Regions	Year	Delivers	Live Births	Live Births as percentage of deliveries	Still Births	Still Births as percentage of deliveries	Abortions	Abortion Rate
Magway Region	2011	11170	10681	95.6	489	4.4	2398	17.7
	2012	12899	12364	95.9	535	4.1	2481	16.1
	2013	16200	15658	96.7	542	3.3	2698	14.3
	2014	20280	19700	97.1	580	2.8	3028	14.9
	2015	28681	28065	97.8	616	2.1	4010	13.9
Mandalay Region	2011	24396	23533	96.5	863	3.5	5338	18.0
	2012	22316	21541	96.5	775	3.5	4366	16.4
	2013	28020	27247	97.2	773	2.8	4887	14.9
	2014	34119	33246	97.4	873	2.5	5661	16.5
	2015	41907	41045	97.9	862	2.0	6052	14.4
Mon State	2011	7649	7390	96.6	259	3.4	1476	16.2
	2012	9051	8795	97.2	256	2.8	1527	14.4
	2013	9389	9140	97.3	249	2.7	1445	13.3
	2014	11616	11366	97.8	250	2.1	1454	12.5
	2015	12873	12633	98.1	240	1.8	1569	12.1
Rakhine State	2011	5298	4998	94.3	300	5.7	1873	26.1
	2012	6205	5738	92.5	467	7.5	1740	21.9
	2013	7628	7197	94.3	431	5.7	1842	19.5
	2014	9605	9173	95.5	432	4.5	2024	21.0
	2015	13322	12819	96.2	503	3.7	2653	19.9
Yangon Region	2011	40084	39160	97.7	924	2.3	7258	15.3
	2012	44436	43259	97.4	1177	2.6	7928	15.1
	2013	47158	46195	98.0	963	2.0	8353	15.0
	2014	54978	53988	98.2	990	1.8	10129	18.4
	2015	65832	64705	98.2	1127	1.7	10980	16.6
Shan State (East)	2011	3219	3126	97.1	93	2.9	611	16.0
	2012	3094	2980	96.3	114	3.7	695	18.3
	2013	3943	3818	96.8	125	3.2	622	13.6
	2014	4212	4093	97.1	119	2.8	610	14.4
	2015	4620	4516	97.7	104	2.2	524	11.3
Shan State (North)	2011	9155	8837	96.9	282	3.1	1448	13.7
	2012	9894	9628	97.3	266	2.7	1512	13.3
	2013	11717	11437	97.6	280	2.4	1668	12.5
	2014	13374	13060	97.6	314	2.3	1887	14.1
	2015	13459	13164	97.8	295	2.1	2178	16.1
Shan State (South)	2011	6016	5788	96.2	228	3.8	1378	18.6
	2012	7357	7087	96.3	270	3.7	1522	17.1
	2013	8967	8704	97.1	263	2.9	1564	14.9
	2014	11162	10833	97.0	329	2.9	1961	17.5
	2015	14443	14145	97.9	298	2.0	2120	14.6
Ayeyarwady Region	2011	20230	19437	96.1	793	3.9	4049	16.7
	2012	22402	21397	95.5	1005	4.5	3963	15.0
	2013	26613	25634	96.3	979	3.7	4761	15.2
	2014	32520	31564	97.0	956	2.9	5574	17.1
	2015	39787	38907	97.7	880	2.2	5536	13.9
Nay Pyi Taw	2011	-	-	-	-	-	-	-
	2012	4471	4312	96.4	159	3.6	932	17.2
	2013	5780	5633	97.5	147	2.5	1094	15.9
	2014	6285	6161	98.0	124	1.9	1125	17.9
	2015	7042	6884	97.7	158	2.2	1225	17.4

Source: Department of Public Health.

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES

Year 2014, absolute and percentage values

States and Regions	Total number of hospitals	Sanctioned beds	Available beds	Admissions	Discharges & Deaths	Patient days	Number of deaths	Hospital death rate	Out-patient attendances
Union	975	44133	48721	2103350	2092648	11280425	35198	1.7	7359221
Kachin State	51	1823	2041	68623	68242	382884	1097	1.6	297418
Kayah State	17	544	568	17994	17912	101004	241	1.3	86509
Kayin State	30	986	1185	53587	53167	226099	636	1.2	201357
Chin State	24	990	920	18167	18107	105098	153	0.8	116789
Sagaing Region	113	3384	4011	201171	199768	1012145	2121	1.1	740030
Tanintharyi Region	33	1127	1143	61283	60907	302814	601	1.0	184809
Bago Region	96	2706	3566	205899	205219	925234	2129	1.0	516370
Magway Region	82	2673	2801	151838	150835	709047	1540	1.0	435317
Mandalay Region	93	6936	7246	291171	289839	1711750	3725	1.3	966060
Mon State	33	1077	1523	88382	87997	396155	1072	1.2	202497
Rakhine State	49	1387	1596	72166	71329	314875	1777	2.5	183418
Yangon Region	82	10462	11077	416263	414361	2890019	13546	3.3	1770853
Shan State	151	4774	5338	180788	180081	848447	2755	1.5	859720
Ayeyarwady Region	103	3143	3833	218327	217471	1066302	3027	1.4	455291
Nay Pyi Taw	18	2121	1873	57691	57413	288552	778	1.4	342783

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)
Year 2015, absolute and percentage values

States and Regions	Total number of hospitals	Sanctioned beds	Available beds	Admissions	Discharges & Deaths	Patient days	Number of deaths	Hospital death rate	Out-patient attendances
Union	1054	46060	51455	2556840	2545120	13263554	38494	1.5	9279672
Kachin State	54	1871	2139	83375	83052	442792	1151	1.4	390401
Kayah State	18	560	565	24028	24020	128447	238	1.0	143616
Kayin State	34	1050	1243	70199	69893	279635	706	1.0	277423
Chin State	25	1006	1018	23404	23385	134242	201	0.9	150014
Sagaing Region	120	3505	4149	255526	253499	1199467	2164	0.9	859446
Tanintharyi Region	35	1159	1287	77722	77283	368913	757	1.0	237332
Bago Region	105	2850	3681	250952	250331	1080846	2343	0.9	651797
Magway Region	93	2858	3295	200863	199284	910889	1852	0.9	646676
Mandalay Region	100	7248	7715	346803	345720	2021475	3897	1.1	1097963
Mon State	39	1173	1229	110570	109902	465077	995	0.9	251046
Rakhine State	59	1556	1703	88156	88029	387234	2098	2.4	256497
Yangon Region	83	10478	11450	478686	476930	3274856	15117	3.2	2215017
Shan State	156	4854	5443	202997	202296	940311	2839	1.4	1033312
Ayeyarwady Region	110	3355	4169	273375	271534	1287075	3197	1.2	587751
Nay Pyi Taw	23	2537	2369	70184	69962	342295	939	1.3	481381

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES(cont'd)
Year 2014, absolute and percentage values

States and Regions	Number of livebirths	Number of Stillbirths	Number of Abortions	Surgical Operations			
				General Anaesthesia	Spinal Anaesthesia	Local Anaesthesia	Others
Union	276794	7093	47531.4	102874.13	192034	165509	46098
Kachin State	8379	262	1721	2290	5960	6313	2871
Kayah State	2111	47	448	691	1785	976	407
Kayin State	6941	141	1522	2033	3483	5495	1050
Chin State	1625	71	450	845	1427	987	257
Sagaing Region	30342	729	4346.3	12066	19254	15409	4536
Tanintharyi Region	7588	172	1137	4718	4575	4237	707
Bago Region	26624	704	4454.1	8179	15976	15286	3059
Magway Region	19700	580	3028	7053	15772	10266	2231
Mandalay Region	33246	873	5661	19534	29992	26651	9025
Mon State	11366	250	1454	2355	5797	4785	2860
Rakhine State	9173	432	2024	2948	4839	3727	860
Yangon Region	53988	990	10129	22305	41167	39469	9616
Shan State	27986	762	4458	7389	13954	15326	5592
Ayeyarwady Region	31564	956	5574	6959	19417	12591	2392
Nay Pyi Taw	6161	124	1125	3509	8636	3991	635

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)
Year 2015, absolute and percentage values

States and Regions	Number of livebirths	Number of Stillbirths	Number of Abortions	Surgical Operations			
				General Anaesthesia	Spinal Anaesthesia	Local Anaesthesia	Others
Union	340775	7302	52527	172062	217128	197879	53042
Kachin State	10747	234	2116	2552	6439	8176	2335
Kayah State	3015	74	563	765	2179	1557	588
Kayin State	8575	169	1829	2259	3859	7173	925
Chin State	2620	63	593	1036	2518	850	363
Sagaing Region	37280	758	4608	13380	19963	19159	5117
Tanintharyi Region	9141	239	1236	3418	5165	5931	672
Bago Region	32514	682	4735	9666	18721	18624	3440
Magway Region	28065	616	4010	8618	18471	13831	3187
Mandalay Region	41045	862	6052	78056	34355	24874	10077
Mon State	12633	240	1569	2946	6764	6678	3674
Rakhine State	12819	503	2653	3062	6569	6258	1432
Yangon Region	64705	1127	10980	24700	46544	44626	11272
Shan State	31825	697	4822	8936	15640	18151	6040
Ayeyarwady Region	38907	880	5536	8324	23739	14895	3497
Nay Pyi Taw	6884	158	1225	4344	6202	7096	423

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (cont'd)
Year 2014, absolute and percentage values

States and Regions	Total number of surgical operations	Average number of out-patients per day	Average number of in-patients per day	Average duration of stay (in days)	Percentage of occupancy based on available beds	Percentage of occupancy based on sanctioned beds	Average turn-over of patients per bed per year	Average turn-over interval (in days)
Union	837933.53	30410	30907	5.4	63	70	43	3.1
Kachin State	27796	1229	1049	5.6	51	58	33	5.3
Kayah State	6465	357	277	5.6	49	51	32	5.9
Kayin State	20665	832	619	4.3	52	63	45	3.9
Chin State	5662	483	288	5.8	31	29	20	12.7
Sagaing Region	86682	3058	2773	5.1	69	82	50	2.3
Tanintharyi Region	23134	764	830	5.0	73	74	53	1.9
Bago Region	74282	2134	2535	4.5	71	94	58	1.8
Magway Region	58630	1799	1943	4.7	69	73	54	2.1
Mandalay Region	124982	3992	4690	5.9	65	68	40	3.2
Mon State	28867	837	1085	4.5	71	101	58	1.8
Rakhine State	24003	758	863	4.4	54	62	45	3.8
Yangon Region	177664	7318	7918	7.0	71	76	37	2.8
Shan State	75467	3552	2325	4.7	44	49	34	6.1
Ayeyarwady Region	79453	1881	2921	4.9	76	93	57	1.5
Nay Pyi Taw	24181	1416	791	5.0	42	37	31	6.9

TABLE 2.07 AVAILABILITY AND UTILIZATION OF HOSPITAL RESOURCES (concl'd)
Year 2015, absolute values and percentage values

States and Regions	Total number of surgical operations	Average number of out-patients per day	Average number of in-patients per day	Average duration of stay (in days)	Percentage of occupancy based on available beds	Percentage of occupancy based on sanctioned beds	Average turn-over of patients per bed per year	Average turn-over interval (in days)
Union	1040715	38346	36339	5.2	71	79	49	2.1
Kachin State	32599	1613	1213	5.3	57	65	39	4.0
Kayah State	8741	593	352	5.3	62	63	43	3.2
Kayin State	24789	1146	766	4.0	62	73	56	2.4
Chin State	8043	620	368	5.7	36	37	23	10.1
Sagaing Region	100265	3551	3286	4.7	79	94	61	1.2
Tanintharyi Region	25802	981	1011	4.7	79	87	60	1.3
Bago Region	88382	2693	2961	4.3	80	104	68	1.0
Magway Region	76798	2672	2496	4.5	76	87	60	1.4
Mandalay Region	195321	4537	5538	5.8	72	76	45	2.3
Mon State	34504	1037	1274	4.2	104	109	89	0.1
Rakhine State	33296	1060	1061	4.4	62	68	52	2.6
Yangon Region	203954	9153	8972	6.8	78	86	42	1.9
Shan State	86111	4270	2576	4.6	47	53	37	5.1
Ayeyarwady Region	95778	2429	3526	4.7	85	105	65	0.8
Nay Pyi Taw	26332	1989	938	4.8	40	37	30	7.4

Source: Department of Public Health.

TABLE 2.08 PUBLIC HOSPITALS
Years 2011/2012-2015/2016, absolute values

States and Regions	Year (April-March)	Specialist Hospital		General Hospital						Total	
				With Specialist Services		Other		Station			
		No.	Scheduled Bed	No.	Scheduled Bed	No.	Scheduled Bed	No.	Scheduled Bed	No.	Scheduled Bed
UNION	2011-2012	25	7500	46	13300	328	12804	525	8400	924	42004
TOTAL	2012-2013	26	7500	47	13500	332	12979	540	8640	945	42569
	2013-2014	28	8150	48	13700	331	13204	562	8992	969	44046
	2014-2015	28	8150	48	13700	330	13179	569	9104	975	44133
	2015-2016	32	8750	48	13700	333	13354	641	10256	1054	46060
Kachin State	2011-2012	2	125	2	500	19	750	28	448	51	1823
	2012-2013	2	125	2	500	19	750	28	448	51	1823
	2013-2014	2	125	2	500	19	750	28	448	51	1823
	2014-2015	2	125	2	500	19	750	28	448	51	1823
	2015-2016	2	125	2	500	19	750	31	496	54	1871
Kayah State	2011-2012	-	-	1	200	7	200	9	144	17	544
	2012-2013	-	-	1	200	7	200	9	144	17	544
	2013-2014	-	-	1	200	7	200	9	144	17	544
	2014-2015	-	-	1	200	7	200	9	144	17	544
	2015-2016	-	-	1	200	7	200	10	160	18	560
Kayin State	2011-2012	-	-	1	200	8	400	20	320	29	920
	2012-2013	-	-	1	200	8	400	20	320	29	920
	2013-2014	-	-	1	200	8	400	21	336	30	986
	2014-2015	-	-	1	200	8	400	21	336	30	986
	2015-2016	-	-	1	200	8	450	25	400	34	1050
Chin State	2011-2012	-	-	2	400	7	350	15	240	24	990
	2012-2013	-	-	2	400	7	350	15	240	24	990
	2013-2014	-	-	2	400	7	350	15	240	24	990
	2014-2015	-	-	2	400	7	350	15	240	24	990
	2015-2016	-	-	2	400	7	350	16	256	25	1006
Sagaing Region	2011-2012	-	-	3	600	38	1441	61	976	102	3017
	2012-2013	-	-	3	600	38	1441	64	1024	105	3065
	2013-2014	-	-	4	800	37	1441	68	1088	109	3329
	2014-2015	-	-	4	800	36	1416	73	1168	113	3384
	2015-2016	-	-	4	800	37	1441	79	1264	120	3505
Tanintharyi Region	2011-2012	-	-	2	400	9	366	19	304	30	1070
	2012-2013	-	-	2	400	10	391	18	288	30	1079
	2013-2014	-	-	2	400	10	391	21	336	33	1127
	2014-2015	-	-	2	400	10	391	21	336	33	1127
	2015-2016	-	-	2	400	10	391	23	368	35	1159
Bago Region	2011-2012	-	-	3	600	29	1007	60	960	92	2567
	2012-2013	-	-	3	600	29	1057	62	992	94	2649
	2013-2014	-	-	3	600	29	1082	64	1024	96	2706
	2014-2015	-	-	3	600	29	1082	64	1024	96	2706
	2015-2016	-	-	3	600	29	1082	73	1168	105	2850

TABLE 2.08 PUBLIC HOSPITALS (concl'd)
Years 2011/2012-2015/2016, absolute values

States and Regions	Year (April-March)	Specialist Hospital		General Hospital					Total		
				With Specialist Services		Other		Station			
		No.	Schedu- led Bed	No.	Schedu- led Bed	No.	Schedu- led Bed	No.	Schedu- led Bed	No.	Schedu- led Bed
Magway Region	2011-2012	-	-	5	950	27	898	44	704	76	2552
	2012-2013	-	-	5	950	27	898	47	752	79	2600
	2013-2014	-	-	5	950	27	923	50	800	82	2673
	2014-2015	-	-	5	950	27	923	50	800	82	2673
	2015-2016	-	-	5	950	28	948	60	960	93	2858
Mandalay Region	2011-2012	9	2475	8	3350	38	1791	48	768	103	8184
	2012-2013	10	2525	9	3650	40	1866	49	784	108	8825
	2013-2014	11	2752	9	3650	40	1866	51	816	111	9057
	2014-2015	11	2752	9	3650	40	1866	51	816	111	9057
	2015-2016	15	3325	9	3650	40	1866	59	944	123	9785
Mon State	2011-2012	-	-	1	350	11	366	20	320	32	1036
	2012-2013	-	-	1	300	11	366	21	336	33	1002
	2013-2014	-	-	1	300	11	441	21	336	33	1077
	2014-2015	-	-	1	300	11	441	21	336	33	1077
	2015-2016	-	-	1	300	11	441	27	432	39	1173
Rakhine State	2011-2012	-	-	1	350	11	366	20	320	32	1036
	2012-2013	-	-	1	200	16	675	31	496	48	1371
	2013-2014	-	-	1	200	16	675	32	512	49	1387
	2014-2015	-	-	1	200	16	675	32	512	49	1387
	2015-2016	-	-	1	200	17	700	41	656	59	1556
Yangon Region	2011-2012	13	4700	8	3700	33	1230	26	416	80	9630
	2012-2013	13	4600	8	3700	33	1230	26	416	80	9946
	2013-2014	14	5100	8	3700	33	1230	27	432	82	10462
	2014-2015	14	5100	8	3700	33	1230	27	432	82	10462
	2015-2016	14	5100	8	3700	33	1230	28	448	83	10478
Shan State	2011-2012	1	200	4	800	61	2355	82	1312	148	4667
	2012-2013	1	200	4	800	61	2380	81	1296	148	4667
	2013-2014	1	200	4	800	61	2430	84	1344	151	4774
	2014-2015	1	200	4	800	61	2430	84	1344	151	4774
	2015-2016	1	200	4	800	62	2430	89	1424	156	4854
Ayeyarwady Region	2011-2012	-	-	5	1050	25	975	63	1008	93	3033
	2012-2013	-	-	5	1000	25	975	69	1104	99	3079
	2013-2014	-	-	5	1000	25	975	71	1136	101	3111
	2014-2015	-	-	5	1000	25	975	73	1168	103	3143
	2015-2016	-	-	5	1000	25	1075	80	1280	110	3355

Source : Department of Public Health.

TABLE 2.09 PRIMARY HEALTH CARE AND BASIC HEALTH SERVICES
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Rural Health Services							
1. Rural Health Centres	1,456	1,558	1,636	1,684	1,696	1,778	1,778
2. Health Assistants	1,771	1,883	2,014	2,062	2,074	2,156	2,156
3. Health Supervisor I	330	330	396	498	1,098	1,098	1,098
4. Lady Health Visitors	1,205	1,257	1,720	1,768	1,781	2,300	-
5. Midwives	7,388	8,090	9,284	10,045	11,848	13,391	-
6. Health Supervisor II	1,155	1,557	8,721	9,165	11,111	11,607	11,607
Maternal & Child Health Centres							
1. Maternal & Child Health Centres	348	348	348	348	348	348	348
2. Doctors	52	52	52	52	52	52	52
3. Health Supervisor I	140	140	140	143	143	140	140
4. Lady Health Visitors	307	307	307	307	307	307	307
5. Midwives	815	815	815	815 (r)	815 (r)	815	815
6. Health Supervisor II	104	104	104	104 (r)	104 (r)	104	104
Urban Health Centres							
1. Primary & Secondary Health Center	86	86	87	87	87	90	90
2. Doctors	191	191	192	192	192	144	139
3. Dental Surgeons	49	49	49	49	49	25	34
4. Lady Health Visitors	157	157	158	158	158	301	457
5. Nurses	195	195	197	197	197	519	691
6. Midwives	335	335	340	340	340	1,352	1,567
School Health Services							
1. School Health Teams	80	80	80	80	80	80	330 *
2. Doctors	98	98	98	98	98	98	438
3. Dental Surgeons	59	59	59	59	59	59	842
4. Dental Nurses	36	36	36	36	36	36	842

Note: * According to the new extended organization of department of Public health on (7.3.2016).

Source: Department of Public Health.

TABLE 2.10 PRIVATE MEDICAL AND HEALTH FACILITIES AND HEALTH PERSONNEL
Years 2013-2017, absolute values

States and Regions	Hospitals					Bed				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Union	164	175	182	212	215	5060	5229	5341	8421	9198
Kachin State	10	10	10	13	13	160	160	160	298	298
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	3	3	3	3	3	48	48	48	48	48
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	16	22	22	26	26	435	531	531	698	698
Tanintharyi Region	6	6	6	9	9	164	164	164	465	465
Bago Region	14	14	14	16	16	285	285	285	681	681
Magway Region	4	4	4	5	5	64	64	64	150	150
Mandalay Region	29	31	35	39	38	863	888	952	1321	1296
Mon State	7	7	7	10	10	112	112	112	379	379
Rakhine State	1	1	1	1	1	16	16	16	25	25
Yangon Region	42	46	48	52	53	2217	2281	2313	2907	3632
Shan State	19	19	19	22	22	304	304	304	615	615
Ayeyarwady Region	5	5	5	7	9	80	80	80	174	235
Nay Pyi Taw	8	7	8	9	10	312	296	312	660	676

TABLE 2.10 PRIVATE MEDICAL AND HEALTH FACILITIES AND HEALTH PERSONNEL
Years 2013-2017, absolute values (concl'd)

States and Regions	Doctor					Nurse				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Union	4420	4494	4508	5108	5226	2533	2603	2631	3028	3019
Kachin State	87	87	87	100	110	75	75	75	90	99
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	28	28	28	16	16	35	35	35	15	15
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	190	220	220	360	373	113	133	133	245	258
Tanintharyi Region	70	70	70	120	127	84	84	84	52	52
Bago Region	314	314	314	300	311	173	173	173	145	153
Magway Region	100	100	100	60	68	77	77	77	62	68
Mandalay Region	793	813	821	1020	1044	572	602	618	660	676
Mon State	117	117	117	150	152	78	78	78	95	104
Rakhine State	7	7	7	15	12	11	11	11	10	11
Yangon Region	2293	2323	2327	2450	2465	1092	1132	1140	1130	1138
Shan State	175	175	175	260	273	54	54	54	262	172
Ayeyarwady Region	53	53	53	82	87	31	31	31	42	44
Nay Pyi Taw	193	187	189	175	188	138	118	122	220	229

Source: Department of Medical Services.

TABLE 2.11 NUMBER OF PRIVATE HEALTH GENERAL CLINICS (GP) AND GENERAL CLINICS
(Dental Clinic only)
Years 2013-2017, absolute values

States and Regions	No. of Clinics (GP)					No. of Dental Clinics				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Total	4163	4266	3911	3554	3759	779	830	776	755	780
Kachin State	83	159	82	123	106	16	26	20	13	14
Kayah State	12	9	13	13	11	1	1	-	-	3
Kayin State	75	86	61	23	96	12	11	10	2	5
Chin State	4	3	4	-	-	1	1	1	-	-
Sagaing Region	109	169	156	69	193	14	23	28	7	9
Tanintharyi Region	35	86	47	37	79	7	16	8	4	6
Bago Region	279	350	249	202	139	25	46	31	21	22
Magway Region	119	70	39	44	51	3	3	4	5	6
Mandalay Region	743	638	423	347	1233	72	75	63	60	61
Mon State	270	262	234	234	192	12	12	31	31	32
Rakhine State	65	65	52	15	62	7	7	4	2	2
Yangon Region	1965	1965	2154	2164	1165	549	549	533	563	567
Shan State	129	129	109	159	180	22	22	4	29	32
Ayeyarwady Region	206	206	234	75	197	29	29	31	9	10
Naypyitaw	69	69	54	49	55	9	9	8	9	11

Source: Department of Medical Services.

METHODOLOGY SHEET | **Leading Causes of Morbidity and Mortality**

Responsible Unit (Service or Structure)	Department of Public Health
Level of Disaggregation	Union, Gender
Study Variables	Number and percentage of single leading causes of morbidity and mortality by gender
Classification Variables	Yearly single leading causes
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Each and every Township Medical Office
Tables	2.12, 2.13

TABLE 2.12 LEADING CAUSES OF MORBIDITY, PUBLIC HOSPITALS
Year 2014, absolute and percentage values

ICD-10 Detail List	Single leading causes of morbidity	Male		Female		Total	
		Number	%	Number	%	Number	%
	Total	936,018	100.0	1,156,630	100.0	2,092,648	100
O80	Single spontaneous delivery*	-	-	141,260	12.2	141,260	6.8
A09	Diarrhoea and gastroenteritis of presumed infectious origin	63,740	6.8	56,619	4.9	120,359	5.8
O82	Single delivery by caesarean section	-	-	106,022	9.2	106,022	5.1
B34	Viral infection of unspecified site	44,057	4.7	41,491	3.6	85,548	4.1
S09	Other and unspecified injuries of head	59,506	6.4	23,842	2.1	83,348	4.0
K29	Gastritis and duodenitis	28,310	3.0	32,443	2.8	60,753	2.9
H26	Other cataract	15,642	1.7	25,218	2.2	40,860	2.0
O06	Unspecified abortion	-	-	39,674	3.4	39,674	1.9
J18	Pneumonia, organism unspecified	22,036	2.4	17,221	1.5	39,257	1.9
J06	Acute upper respiratory infections of multiple and unspecified sites	21,081	2.2	16,890	1.5	37,971	1.8
P59	Neonatal jaundice from other and unspecified causes	17,778	1.9	15,608	1.4	33,386	1.6
A91	Dengue haemorrhagic fever	15,322	1.6	15,434	1.3	30,756	1.5
F10	Mental and behavioural disorders due to use of alcohol	26,783	2.9	724	0.1	27,507	1.3
O81	Single delivery by forceps and vacuum	-	-	25,763	2.2	25,763	1.2
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	16,238	1.7	8,986	0.8	25,224	1.2
...	All other causes	605,525	64.7	589,435	50.8	1,194,960	56.9

TABLE 2.12 LEADING CAUSES OF MORBIDITY, PUBLIC HOSPITALS (concl'd)
Year 2015, absolute and percentage values

ICD-10 Detail List	Single leading causes of morbidity	Male		Female		Total	
		Number	%	Number	%	Number	%
	Total	1132502	100.0	1412618	100.0	2545120	100.0
O80	Single spontaneous delivery*	-	-	178,947	12.7	178,947	7.0
A09	Diarrhoea and gastroenteritis of presumed infection	81,332	7.2	71,366	5.1	152,698	6.0
B34	Viral infection of unspecified site	68,172	6.0	67,082	4.8	135,254	5.3
O82	Single delivery by caesarean section	-	-	120,804	8.6	120,804	4.8
S09	Other and unspecified injuries of head	68,097	6.0	27,748	1.8	95,845	3.8
A91	Dengue haemorrhagic fever	42,205	3.7	44,538	3.1	86,743	3.4
K29	Gastritis and duodenitis	36,520	3.2	40,480	2.8	77,000	3.0
O06	Unspecified abortion	-	-	42,866	3.0	42,866	1.7
H26	Other cataract	14,120	1.2	23,751	1.7	37,871	1.5
J06	Acute upper respiratory infections of multiple and unspecified sites	20,916	1.8	16,324	1.2	37,240	1.5
P59	Neonatal jaundice from other and unspecified causes	18,947	1.7	18,286	1.3	37,233	1.5
F10	Mental and behavioural disorders due to use of alcohol	34,573	3.1	1,007	0.1	35,580	1.4
J18	Pneumonia, organism unspecified	19,155	1.7	15,013	1.1	34,168	1.3
I10	Essential (primary)hypertension	12,022	1.1	17,193	1.2	29,215	1.1
T14	Injury of unspecified body region	16,575	1.5	10,146	0.7	26,721	1.0
...	All other causes	699,868	61.8	717,067	50.8	1,416,935	55.7

Note: *Based on International Statistical Classification of Disease and related Health Problems (ICD-10) coding, the condition to be used for single condition morbidity analysis is the main condition treated or investigated during the relevant episode of health care. Therefore, single spontaneous delivery is coded and presented as one of the causes of morbidity.

Source: Department of Public Health.

TABLE 2.13 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS
Year 2014, absolute and percentage values

ICD-10 Detail List	Single leading causes of mortality	Male		Female		Total	
		Number	%	Number	%	Number	%
	Total	21,411	100.0	13,787	100.0	35,198	100.0
A41	Other septicaemia	1,525	7.1	1,348	9.8	2,873	8.2
P07	Disorders related to short gestation and low birth weight	1,123	5.2	902	6.5	2,025	5.7
B20	Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases	905	4.2	521	3.8	1,426	4.1
P21	Birth asphyxia	687	3.2	533	3.9	1,220	3.5
S09	Other and unspecified injuries of head	899	4.2	273	2.0	1,172	3.3
I50	Heart failure	567	2.7	543	3.9	1,110	3.2
A60	Respiratory tuberculosis, not confirmed bacteriologically or histologically	730	3.4	231	1.7	961	2.7
I64	Stroke, not specified as haemorrhage or infarction	593	2.8	337	2.4	930	2.6
S06	Intracranial injury	657	3.1	207	1.5	864	2.4
K74	Fibrosis and cirrhosis of liver	596	2.8	92	0.7	688	2.0
P36	Bacterial sepsis of newborn	368	1.7	293	2.1	661	1.9
J18	Pneumonia, organism unspecified	368	1.7	229	1.7	597	1.7
B24	Unspecified human immunodeficiency virus [HIV] disease	339	1.6	210	1.5	549	1.6
I51	Complications and ill-defined descriptions of heart disease	278	1.3	154	1.1	432	1.2
J44	Other chronic obstructive pulmonary disease	238	1.1	159	1.2	397	1.1
...	All other causes	11,538	53.9	7,755	56.2	19,293	54.8

TABLE 2.13 LEADING CAUSES OF MORTALITY, PUBLIC HOSPITALS (concl'd)
Year 2015, absolute and percentage values

ICD-10 Detail List	Single leading causes of mortality	Male		Female		Total	
		Number	%	Number	%	Number	%
	Total	23,990	100	14,504	100	38,494	100
A41	Other septicaemia	1,640	6.8	1,149	7.9	2,789	7.2
I50	Heart failure	654	2.7	605	4.2	1,259	3.3
B20	Human immunodeficiency virus [HIV] disease resulting in infectious and parasitic diseases	732	3.1	400	2.8	1,132	2.9
I64	Stroke, not specified as haemorrhage or infarction	630	2.6	458	3.1	1,088	2.8
A16	Respiratory tuberculosis, not confirmed bacteriologically or histologically	769	3.2	266	1.8	1,035	2.7
K74	Fibrosis and cirrhosis of liver	660	2.8	154	1.1	814	2.1
K72	Hepatic failure, not elsewhere classified	459	1.9	99	0.7	558	1.5
I61	Intracerebral haemorrhage	373	1.6	173	1.2	546	1.4
I10	Essential (primary) hypertension	257	1.1	178	1.2	435	1.1
C22	Malignant neoplasm of liver and intrahepatic	294	1.2	75	0.5	369	1.0
K70	Alcoholic liver disease	342	1.4	16	0.1	358	0.9
B24	Unspecified human immunodeficiency virus	194	0.8	163	1.1	357	0.9
J44	Other chronic obstructive pulmonary disease	188	0.8	156	1.1	344	0.9
J18	Pneumonia, organism unspecified	194	0.8	144	1.0	338	0.9
J69	Pneumonitis due to solids and liquids	188	0.8	73	0.5	261	0.7
...	All other causes	16,416	68.4	10,395	71.7	26,811	69.7

Source: Department of Public Health.

METHODOLOGY SHEET | **Discharges and Deaths in Hospitals**

Responsible Unit (Service or Structure)	Department of Public Health
Level of Disaggregation	Union
Study Variables	Discharges and deaths, percentage distribution, deaths, fatality rate by age group and by gender
Classification Variables	By Age Group and By Gender
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Each and every Township Medical Office
Tables	2.14

TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS
Year 2013, absolute and percentage values

Age group (in year)	Gender	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	150,843	8.5	5,761	17.7	38.2
	Male	84,477	10.5	3,206	15.9	38.2
	Female	66,366	6.8	2,555	20.7	38.5
1 - 4	Total	140,504	7.9	1,045	3.2	7.4
	Male	78,743	9.8	587	2.9	7.5
	Female	61,761	6.3	458	3.7	7.4
5 - 14	Total	175,671	9.8	1,201	3.7	6.8
	Male	98,542	12.2	697	3.5	7.1
	Female	77,129	7.9	504	4.1	6.5
15 - 24	Total	268,549	15	2,189	6.7	8.2
	Male	100,926	12.5	1,280	6.3	12.7
	Female	167,623	17.1	909	7.4	5.4
25 - 34	Total	343,262	19.2	3,907	12	11.4
	Male	114,597	14.2	2,729	13.5	23.8
	Female	228,665	23.4	1,178	9.6	5.2
35 - 44	Total	248,631	13.9	4,704	14.5	18.9
	Male	103,395	12.8	3,368	16.7	32.6
	Female	145,236	14.9	1,336	10.8	9.2
45 - 54	Total	171,132	9.6	4,701	14.5	27.5
	Male	87,460	10.8	3,212	15.9	36.7
	Female	83,672	8.6	1,489	12.1	17.8
55 - 64	Total	136,320	7.6	3,871	11.9	28.4
	Male	67,779	8.4	2,323	11.5	34.3
	Female	68,541	7	1,548	12.6	22.6
65 - 74	Total	89,672	5.0	2,838	8.7	31.6
	Male	42,821	5.3	1,545	7.7	36.1
	Female	46,851	4.8	1,293	10.5	27.6
75 & over	Total	60,212	3.4	2,278	7	37.8
	Male	28,430	3.5	1,221	6.1	42.9
	Female	31,782	3.3	1,057	8.6	33.3
All ages	Total	1,784,796	100.0	32,495	100.0	18.2
	Male	807,170	100.0	20,168	100.0	25
	Female	977,626	100.0	12,327	100.0	12.6

TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS (cont'd)

Year 2014, absolute and percentage values

Age group (in year)	Gender	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	192,704	9.2	7,808	22.2	4.1
	Male	107,833	5.2	4,363	12.4	4.0
	Female	84,871	4.1	3,445	9.8	4.1
1 - 4	Total	169,536	8.1	1,211	3.4	0.7
	Male	95,852	4.6	687	2.0	0.7
	Female	73,684	3.5	524	1.5	0.7
5 - 14	Total	182,176	8.7	1,309	3.7	0.7
	Male	104,059	5.0	780	2.2	0.7
	Female	78,117	3.7	529	1.5	0.7
15 - 24	Total	315,102	15.1	2,036	5.8	0.6
	Male	110,431	5.3	1,111	3.2	1.0
	Female	204,671	9.8	925	2.6	0.5
25 - 34	Total	408,932	19.5	4,204	11.9	1.0
	Male	131,519	6.3	2,866	8.1	2.2
	Female	277,413	13.3	1,338	3.8	0.5
35 - 44	Total	293,168	14.0	5,118	14.5	1.7
	Male	123,484	5.9	3,744	10.6	3.0
	Female	169,684	8.1	1,374	3.9	0.8
45 - 54	Total	198,028	9.5	4,642	13.2	2.3
	Male	102,071	4.9	3,072	8.7	3.0
	Female	95,957	4.6	1,570	4.5	1.6
55 - 64	Total	158,312	7.6	3,778	10.7	2.4
	Male	78,109	3.7	2,296	6.5	2.9
	Female	80,203	3.8	1,482	4.2	1.8
65 - 74	Total	104,699	5.0	2,721	7.7	2.6
	Male	49,424	2.4	1,513	4.3	3.1
	Female	55,275	2.6	1,208	3.4	2.2
75 & over	Total	69,991	3.3	2,371	6.7	3.4
	Male	33,236	1.6	979	2.8	2.9
	Female	36,755	1.8	1,392	4.0	3.8
All ages	Total	2,092,648	100.0	35,198	100.0	1.7
	Male	936,018	44.7	21,411	60.8	2.3
	Female	1,156,630	55.3	13,787	39.2	1.2

TABLE 2.14 DISCHARGES AND DEATHS IN HOSPITALS (concl'd)
Year 2015, absolute and percentage values

Age group (in year)	Gender	Discharges and Deaths	Percentage Composition	Deaths	Percentage Composition	Fatality Rate per 1,000 D&D
< 1	Total	205,665	8.1	6,890	17.9	3.4
	Male	114,764	4.5	3,860	10.0	3.4
	Female	90,901	3.6	3,030	7.9	3.3
1 - 4	Total	210,228	8.3	1,168	3.0	0.6
	Male	117,864	4.6	628	1.6	0.5
	Female	92,364	3.6	540	1.4	0.6
5 - 14	Total	261,260	10.3	1,273	3.3	0.5
	Male	142,263	5.6	677	1.8	0.5
	Female	118,997	4.7	596	1.5	0.5
15 - 24	Total	387,644	15.2	2,414	6.3	0.6
	Male	133,971	5.3	1,488	3.9	1.1
	Female	253,673	10.0	926	2.4	0.4
25 - 34	Total	477,263	18.8	4,271	11.1	0.9
	Male	154,375	6.1	3,024	7.9	2.0
	Female	322,888	12.7	1,247	3.2	0.4
35 - 44	Total	343,564	13.5	5,478	14.2	1.6
	Male	146,252	5.7	4,038	10.5	2.8
	Female	197,312	7.8	1,440	3.7	0.7
45 - 54	Total	241,042	9.5	5,326	13.8	2.2
	Male	124,193	4.9	3,744	9.7	3.0
	Female	116,849	4.6	1,582	4.1	1.4
55 - 64	Total	197,777	7.8	4,966	12.9	2.5
	Male	98,164	3.9	3,006	7.8	3.1
	Female	99,613	3.9	1,960	5.1	2.0
65 - 74	Total	131,210	5.2	3,485	9.1	2.7
	Male	61,401	2.4	2,009	5.2	3.3
	Female	69,809	2.7	1,476	3.8	2.1
75 & over	Total	89,467	3.5	3,223	8.4	3.6
	Male	39,255	1.5	1,516	3.9	3.9
	Female	50,212	2.0	1,707	4.4	3.4
All ages	Total	2,545,120	100.0	38,494	100.0	1.5
	Male	1,132,502	44.5	23,990	62.3	2.1
	Female	1,412,618	55.5	14,504	37.7	1.0

Source: Department of Public Health.

METHODOLOGY SHEET | **Maternal Health**

Responsible Unit (Service or Structure)	Department of Public Health
Level of Disaggregation	Union, States and Regions
Study Variables	Deliveries by MW, AMW and TTBA and Antenatal visits pregnant mother by MW and antenatal care coverage by BHS
Classification Variables	Percentage of deliveries, average number of antenatal visit per pregnant mother and antenatal care coverage by States and Regions
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Each and every Townships Medical Office
Tables	2.15, 2.16

TABLE 2.15 DELIVERIES BY MIDWIVES, AUXILIARY MIDWIVES AND TRAINED TRADITIONAL BIRTH ATTENDANT

Years 2012-2016, percentage values

States and Regions	Deliveries by Midwives					Deliveries by Auxiliary Midwives					Deliveries by Trained Traditional Birth Attendant				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Union	37.2	34.1	33.1	30.3	27.3	10.8	9.7	8.8	8.1	7.6	7.3	7.7	6.8	6.3	6.2
Kachin State	41.2	42.9	42.3	40.2	36.6	8.2	7.9	5.8	6.6	6.0	4.4	4.2	3.1	2.0	0.8
Kayah State	51.1	43.1	41.8	32.2	29.7	10.8	10.4	10.5	6.8	7.1	7.3	9.4	11.6	7.9	8.8
Kayin State	39.0	35.8	33.2	29.4	26.5	15.9	14.9	13.1	13.2	13.0	15.7	15.9	14.8	14.3	13.8
Chin State	48.1	48.3	39.4	33.0	35.5	18.1	18.8	16.1	19.2	24.9	4.9	5.7	4.1	3.1	3.5
Sagaing Region	43.4	37.9	35.5	33.1	27.8	12.1	11.5	10.9	10.2	9.8	3.1	3.8	3.1	2.2	2.2
Tanintharyi Region	30.7	33.0	34.9	31.9	26.1	12.1	13.8	13.0	10.7	9.2	3.3	4.4	3.9	3.2	3.0
Bago Region	43.1	39.1	36.9	35.5	33.0	10.5	9.9	8.5	7.8	7.2	11.2	11.1	9.4	8.3	7.1
Magway Region	50.3	45.7	40.4	36.1	31.7	18.4	17.6	16.2	13.5	10.6	6.9	5.7	4.4	3.7	3.2
Mandalay Region	39.3	37.1	36.0	33.2	30.7	10.9	8.6	6.8	6.1	4.9	4.1	4.1	2.9	2.6	2.0
Mon State	44.7	36.5	38.3	31.5	30.1	4.7	4.7	4.9	5.3	5.4	3.5	2.8	2.7	2.0	1.8
Rakhine State	33.0	28.1	34.6	34.0	33.1	7.3	6.1	6.8	6.8	8.1	16.1	22.6	23.9	27.4	29.6
Yangon Region	20.4	20.2	18.2	15.5	14.0	4.5	4.1	3.2	3.0	2.8	4.7	5.1	4.2	3.5	3.3
Shan State	29.3	26.1	27.1	25.2	22.6	10.1	8.6	8.7	8.6	8.6	3.6	3.3	2.8	2.9	2.8
Ayeyarwady Region	37.2	33.7	32.9	30.0	26.7	13.5	12.0	10.6	9.0	8.1	12.6	12.5	10.5	8.8	8.6
Nay Pyi Taw	34.7	33.7	33.9	30.5	24.0	15.0	10.6	6.3	6.6	6.7	5.5	4.0	1.7	2.9	3.0

Source: Department of Public Health.

TABLE 2.16 ANTENATAL VISITS PER PREGNANT MOTHER BY MIDWIVES AND ANTENATAL CARE COVERAGE BY BASIC HEALTH STAFF

Years 2012-2016, percentage values

States and Regions	Average Number of Antenatal Visit per Pregnant Mother by Midwives					Antenatal care coverage by Basic Health Staff				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Union	3.6	3.7	3.8 (r)	3.8	3.9	74.8	82.2	83.6	82.4	86.1
Kachin State	3.6	3.6	3.7	3.9	4.1	79.5	86.5	82.3	80.5	82.6
Kayah State	4.1	3.9	4.1	4.3	4.5	81.6	80.8	83.7	82.0	86.4
Kayin State	3.3	3.1	3.4	3.4	3.3	80.0	85.4	88.5	87.0	90.3
Chin State	3.6	3.6	3.8	3.7	3.7	68.7 (r)	73.6	77.9	77.0	81.1
Sagaing Region	4.1	4.2	4.4	4.5	4.4	70.0	84.4	84.2	84.0	87.7
Tanintharyi Region	3.3	3.3	3.8	3.5	3.6	81.5	87.1	86.4	85.1	85.7
Bago Region	3.3	3.4	3.5	3.5	3.7	77.3	87.6	84.7	84.1	89.3
Magway Region	4.1	4.1	4.2	4.4	4.5	74.0	80.5	78.9	79.4	84.9
Mandalay Region	3.9	4.1	4.0 (r)	4.1	4.1	72.8	87.8	88.5 (r)	87.5	88.6
Mon State	3.9	4.0	4.2	4.1	4.5	79.4	88.7	88.2	84.9	89.8
Rakhine State	3.2	3.2	3.3	3.3	3.3	62.1	61.8	75.7	76.3	78.9
Yangon Region	3.5	3.6	3.6 (r)	3.8	3.9	79.2	78.6	83.1 (r)	81.5	85.1
Shan State	3	3.3	3.4	3.5	3.6	72.1	76.5	79.2	77.7	81.1
Ayeyarwady Region	3.3	3.4	3.6	3.7	3.8	77.9	87.9	87.2	83.7	90.2
Nay Pyi Taw	3	3.7	3.8	4.0	4.0	80.3	84.0	87.4	84.4	88.6

Source: Department of Public Health.

METHODOLOGY SHEET | Nutrition Statistics

Responsible Unit (Service or Structure)	National Nutrition Centre, Department of Public Health
Level of Disaggregation	Union, States and Regions, Selected Townships
Study Variables	Daily food intake in terms of calories and proteins, child malnourishment, deworming coverage, prevalence of visible goitre among school children, urinary iodine excretion, vitamin A supplementation
Classification Variables	Nutrition data for survey period
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Survey and Nutrition Program Period
Units	Rate
Tables	2.17, 2.18, 2.19, 2.20

TABLE 2.17 CHILD MALNOURISHMENT (WHO STANDARD) PERCENTAGE OF CHILDREN AGED 0-59 MONTHS WHO ARE SEVERELY OR MODERATELY MALNOURISHED, (MDHS 2015-2016)
Year 2015-2016, absolute and percentage values

	Height for age ¹		Weight for height			Weight for age	
	% below -2 SD ²	% below -3 SD	% below -2 SD ²	% below -3 SD	% above +2 SD	% below -2 SD ²	% below -3 SD
Total	29.1	8.3	7.0	1.4	1.3	18.9	3.8
Gender							
Male	31.0	8.9	7.7	1.5	1.6	19.9	3.7
Female	27.2	7.6	6.3	1.2	1.0	17.9	3.8
Region and State							
Kachin State	36.1	10.6	4.0	0.6	1.5	17.3	4.3
Kayah State	39.7	12.2	2.6	0.6	2.8	17.9	2.6
Kayin State	25.4	6.1	5.9	1.8	2.6	15.2	2.9
Chin State	41.0	12.8	3.3	0.5	2.6	16.7	4.3
Sagaing Region	26.7	6.4	6.0	0.9	1.5	13.4	3.1
Tanintharyi Region	25.6	4.7	10.3	2.4	1.6	19.6	3.6
Bago Region	23.0	4.3	6.1	2.2	0.3	17.6	3.4
Magway Region	25.9	10.1	6.2	0.3	0.9	21.8	3.3
Mandalay Region	26.1	6.7	7.1	0.6	1.6	18.0	2.4
Mon State	28.1	6.1	6.8	0.7	0.0	18.8	2.4
Rakhine State	37.5	17.8	13.9	3.7	0.2	34.3	11.3
Yangon Region	20.3	5.0	12.6	2.2	3.5	15.3	3.6
Shan State	36.5	12.3	4.7	1.4	0.8	15.5	3.4
Ayeyarwady Region	37.2	9.1	3.9	0.0	0.9	24.6	3.1
Nay Pyi Taw	22.0	5.6	6.6	0.0	0.0	16.3	2.8
Area							
Urban	20.0	4.7	8.9	2.0	2.1	15.1	2.5
Rural	31.6	9.2	6.5	1.2	1.1	20.0	4.0
Age							
< 6 months	6.6	2.7	12.9	4.5	3.0	9.8	2.9
6-8 months	14.5	5.7	4.9	0.3	2.7	15.5	5.0
9-11 months	15.3	2.7	8.7	0.4	2.9	10.8	1.1
12-17 months	16.1	4.2	10.1	2.5	1.3	16.0	3.6
18-23 months	31.4	10.8	5.8	1.6	1.4	17.6	4.2
24-35 months	40.6	12.1	5.7	1.1	0.6	21.6	4.3
36-47 months	35.9	10.3	5.4	0.5	0.6	21.0	3.2
48-59 months	32.9	7.4	6.6	0.9	1.3	22.9	4.2
Mother's education³							
No education	39.3	15.0	7.6	1.3	0.4	25.5	6.2
Primary	31.5	8.7	7.0	1.3	1.0	19.8	4.0
Secondary	22.5	4.6	7.0	1.2	2.0	15.2	2.4
More than secondary	16.9	3.8	9.0	2.7	2.6	15.4	1.2
Wealth index quintiles							
Lowest	38.0	12.2	7.8	1.3	0.7	24.5	5.4
Second	31.9	8.7	5.7	1.3	1.2	18.8	4.4
Middle	29.1	8.6	7.7	0.9	1.3	18.4	3.8
Fourth	21.1	4.9	5.1	1.1	2.0	15.6	2.0
Highest	16.0	2.9	9.0	2.3	1.9	12.4	1.2

Note: Table is based on children who stayed in the household on the right before the interview. Source: Myanmar Demographic and Health Survey-MDHS (2015-2016).

Each of the indices is expressed in standard deviation units (SD) from the median of the WHO Child Growth Standards adopted in 2006. Table is based on children with valid dates of birth (month and year) and valid measurement of both height and weight.

¹Recumbent length is measured for children under age 2; standing height is measured for all other children.

²Includes children who are below-3 standard deviations (SD) from the WHO Child Growth Standards population median.

³For women who are not interviewed, information is taken from the Household Questionnaire.

Excludes children whose mothers are not listed in the Household Questionnaire.

Total includes 2 children with missing information on mother's education.

TABLE 2.18 PRESENCE OF IODIZED SALT IN HOUSEHOLD
Year 2015-2016, absolute and percentage values

Background Characteristic	Among all households, the percentage:			Among households with tested salt:	
	With salt tested	With no salt in the household	Number of households	Percentage with iodized salt	Number of household
Residence					
Urban	98.0	2.0	3315	92.1	3248
Rural	98.5	1.5	9185	78.5	9044
States/Regions					
Kachin	98.7	1.3	365	91.3	360
Kayah	99.4	0.6	65	99.2	64
Kayin	98.3	1.7	335	73.3	329
Chin	99.5	0.5	105	89.5	105
Sagaing	99.7	0.3	1295	87.2	1291
Tanintharyi	96.2	3.8	3.6	31.9	294
Bago	97.2	2.8	1269	90.8	1233
Magway	98.5	1.5	1062	89.1	1045
Mandalay	98.9	1.1	1461	94.2	1444
Mon	95.2	4.8	466	79.2	444
Rakhine	98.6	1.4	695	59.6	686
Yangon	99.7	0.3	1730	97.1	1724
Shan	98.7	1.3	1339	87.4	1322
Ayeyarwady	97.2	2.8	1705	52.2	1657
NayPyiTaw	97.0	3.0	303	94.1	294
Wealth quintile					
Lowest	97.0	3.0	2583	66.3	2505
Second	98.1	1.9	2593	80.0	2544
Middle	99.3	0.7	2503	84.7	2485
Fourth	99.1	0.9	2424	87.2	2402
Highest	98.2	1.8	2397	93.2	2355
Total	98.3	1.7	12500	82.1	12291

Source: Myanmar Demographic and Health Survey-MDHS (2015-2016).

TABLE 2.19 VITAMIN A SUPPLEMENTATION
Year 2015 February, absolute and percentage values

States and Regions	2015 February					
	6 months-5 Years			Post natal		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	4293674	4115746	95.9	259453	240612	92.7
Kachin	132585	125229	94.5	13641	12958	95.0
Kayah	28662	28036	97.8	-	-	NA
Kayin	120550	108826	90.3	10714	9631	89.9
Chin	51933	50591	97.4	3006	2960	98.5
Sagaing	383317	374089	97.6	93104	82675	88.8
Tanintharyi	149841	135273	90.3	10432	10229	98.1
Bago	372259	359190	96.5	37690	35807	95.0
Magway	301094	299672	99.5	28161	27726	98.5
Mandalay	455673	448043	98.3	10517	10058	95.6
Mon	172190	168498	97.9	4683	4421	94.4
Rakhine	323811	283440	87.5	18657	16733	89.7
Yangon	518688	492093	94.9	20309	19786	97.4
Shan (South)	202747	193987	95.7	-	-	NA
Shan (North)	173960	158144	90.9	2368	2360	99.7
Shan (East)	34986	33717	96.4	3203	2300	71.8
Ayeyarwady	840430	826765	98.4	-	-	NA
Nay Pyi Taw	30948	30153	97.4	2968	2968	100.0

TABLE 2.19 VITAMIN A SUPPLEMENTATION (cont'd)
Years 2015 August, absolute and percentage values

States and Regions	2015 August					
	6 months-5 Years			Post natal		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	4089979	3928817	96.1	271338	249977	92.1
Kachin	136326	129022	94.6	13716	12614	92.0
Kayah	27832	27462	98.7	-	-	NA
Kayin	147754	132748	89.8	12493	11469	91.8
Chin	56710	55890	98.6	4371	4348	99.5
Sagaing	408029	396735	97.2	101420	89654	88.4
Tanintharyi	144315	140074	97.1	4125	3732	90.5
Bago	387694	377003	97.2	38114	36553	95.9
Magway	290587	288321	99.2	28615	28160	98.4
Mandalay	458884	448495	97.7	8575	8500	99.1
Mon	174052	169044	97.1	-	-	NA
Rakhine	301467	271541	90.1	24894	23785	95.5
Yangon	212055	203655	96.0	17572	17622	100.3
Shan (South)	203932	192753	94.5	-	-	NA
Shan (North)	182620	161846	88.6	746	731	98.0
Shan (East)	48445	46187	95.3	4825	3228	66.9
Ayeyarwady	817851	799367	97.7	3002	1108	36.9
Nay Pyi Taw	91426	88674	97.0	8870	8473	95.5

TABLE 2.19 VITAMIN A SUPPLEMENTATION (cont'd)
Years 2016 February, absolute and percentage values

States and Regions	2016 February								
	6-11 months			1-5 Years			Post natal		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	475,808	447,738	94.1	3,856,384	3,690,327	95.7	1,096,469	384,922	35.1
Kachin	16,435	15,608	95.0	118,384	112,612	95.1	42,410	13,607	32.1
Kayah	3,471	3,422	98.6	25,774	25,517	99.0	8,129	3,283	40.4
Kayin	16,745	15,314	91.5	138,592	123,903	89.4	37,186	15,130	40.7
Chin	6,600	6,548	99.2	50,672	50,304	99.3	16,164	5,671	35.1
Sagaing	45,027	44,462	98.8	349,516	341,135	97.6	111,897	42,572	38.0
Tanintharyi	15,703	15,352	97.8	124,734	120,626	96.7	36,535	13,064	35.8
Bago	43,192	42,081	97.4	333,378	326,186	97.8	95,283	35,712	37.5
Magway	33,596	33,381	99.4	251,508	244,104	97.1	81,112	30,748	34.9
Mandalay	51,359	48,902	95.2	359,296	353,821	98.5	126,851	47,381	37.4
Mon	19,628	19,256	98.1	153,882	150,356	97.7	45,116	18,113	40.2
Rakhine	44,676	33,565	75.1	317,707	269,156	84.7	83,805	21,603	25.8
Yangon	59,713	53,902	90.3	427,283	402,375	94.2	137,345	42,399	30.9
Shan (South)	25,005	23,878	95.5	175,464	170,270	97.0	54,284	20,090	37.0
Shan (North)	22,684	19,653	86.6	159,533	143,718	90.1	50,454	14,376	28.5
Shan (East)	6,510	6,014	92.4	48,614	47,760	98.2	16,870	3,953	23.4
Ayeyarwady	58,390	56,900	97.5	748,018	736,324	98.4	131,391	48,270	36.7
Nay Pyi Taw	7,074	9,500	134.3	74,029	72,160	97.5	21,637	8,950	41.4

TABLE 2.19 VITAMIN A SUPPLEMENTATION (concl'd)
Year 2016 August, absolute and percentage values

States and Regions	2016 August								
	6-11 months			1-5 Years			Post natal		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	478,918	454,766	95.0	3,553,942	3,381,365	95.1	1,096,469	422,679	38.6
Kachin	17,131	16,197	94.6	123,999	118,037	95.2	42,410	16,487	38.9
Kayah	3,463	3,412	98.5	24,082	23,864	99.1	8,129	3,244	39.9
Kayin	16,696	15,417	92.3	127,706	119,223	93.4	37,186	16,102	43.3
Chin	6,893	6,487	94.1	50,489	49,911	98.9	16,164	5,757	35.6
Sagaing	44,635	44,090	98.8	335,486	329,967	98.4	111,897	46,743	41.8
Tanintharyi	15,681	14,786	94.3	129,955	124,258	95.6	36,535	13,966	38.2
Bago	44,131	42,738	96.8	332,882	321,118	96.5	95,283	38,917	40.8
Magway	34,982	34,686	99.2	263,226	260,736	99.1	81,112	32,433	40.0
Mandalay	52,849	51,684	97.8	364,683	356,424	97.7	126,851	52,084	41.1
Mon	19,608	18,892	96.4	152,432	146,957	96.4	45,116	19,590	43.4
Rakhine	37,878	32,913	86.9	300,948	256,663	85.3	83,805	22,644	27.0
Yangon	61,232	57,363	93.7	437,208	407,954	93.3	137,345	50,211	36.6
Shan (South)	23,995	23,318	97.2	195,866	188,453	96.2	54,284	21,989	40.5
Shan (North)	24,066	20,563	85.4	165,523	146,313	88.4	50,454	16,091	31.9
Shan (East)	5,710	5,220	91.4	43,916	42,903	97.7	16,870	4,491	26.6
Ayeyarwady	59,910	57,232	95.5	429,134	414,569	96.6	131,391	52,864	40.2
Nay Pyi Taw	10,058	9,768	97.1	76,407	74,015	96.9	21,637	9,066	41.9

Source: National Nutrition Centre, Department of Public Health.

TABLE 2.20 DEWORMING COVERAGE

Year 2015 February, absolute and percentage values

States and Regions	2-4 years Children			Primary School Children		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	1551346	1472568	94.9	3091961	2966041	95.9
Kachin	85729	81436	95.0	163955	163937	100.0
Kayah	17844	17611	98.7	35033	29320	83.7
Kayin	16214	62371	384.7	-	-	NA
Chin	26210	25963	99.1	27216	26831	98.6
Sagaing	120769	117820	97.6	232447	217614	93.6
Tanintharyi	-	-	NA	-	-	NA
Bago	259034	251104	96.9	527358	524289	99.4
Magway	182377	180846	99.2	554642	554579	100.0
Mandalay	11168	11109	99.5	15024	15024	100.0
Mon	118755	114291	96.2	236338	234066	99.0
Rakhine	170180	148865	87.5	312211	288295	92.3
Yangon	21473	21164	98.6	15579	-	-
Shan (East)	18457	21481	116.4	29518	29476	99.9
Shan (South)	142963	135506	94.8	245522	239587	97.6
Shan (North)	106614	92013	86.3	187270	176899	94.5
Ayeyarwady	248540	190988	76.8	509848	466124	91.4
Nay Pyi Taw	5019	-	NA	-	-	NA

TABLE 2.20 DEWORMING COVERAGE (cont'd)

Year 2015 August, absolute and percentage values

States and Regions	2-4 years Children			Primary School Children		
	Targeted	Actual	Coverage	Targeted	Actual	Coverage
Union	2562092	2439291	95.2	4734767	4641299	98.0
Kachin	83975	81555	97.1	178569	178569	100.0
Kayah	18663	18109	97.0	36493	36493	100.0
Kayin	101720	92364	90.8	178547	178284	99.9
Chin	36434	36071	99.0	38357	38300	99.9
Sagaing	253790	247288	97.4	545275	521391	95.6
Tanintharyi	91593	88700	96.8	204708	197190	96.3
Bago	246062	236168	96.0	503927	495903	98.4
Magway	186449	184984	99.2	76110	76078	100.0
Mandalay	288244	281240	97.6	556542	554035	99.5
Mon	113496	110945	97.8	241475	241118	99.9
Rakhine	167473	138283	82.6	356965	326221	91.4
Yangon	323195	305756	94.6	535921	529043	98.7
Shan (East)	31658	30179	95.3	54430	54424	100.0
Shan (South)	134345	127392	94.8	242576	241764	99.7
Shan (North)	96763	86394	89.3	184763	182218	98.6
Ayeyarwady	344534	332533	96.5	681847	672117	98.6
Nay Pyi Taw	43698	41330	94.6	118262	118151	99.9

TABLE 2.20 DEWORMING COVERAGE (cont'd)
Year 2016 February, absolute and percentage values

States and Regions	2-4 years Children			5-9Years Actual	Primary School Children		
	Targeted	Actual	Coverage		Targeted	Actual	Coverage
Union	1966331	1871218	95.2	196780	3685651	3603287	97.8
Kachin	90000	86977	96.6	2332	173880	173872	100.0
Kayah	18793	18651	99.2	1308	35734	35731	100.0
Kayin	80357	74486	92.7	3927	54763	54763	100.0
Chin	30377	30209	99.5	1155	18372	18365	100.0
Sagaing	124272	122362	98.5	5164	212708	210911	99.2
Tanintharyi	-	-	-	-	-	-	-
Bago	232316	224793	96.8	13794	502068	492704	98.1
Magway	177381	176593	99.6	4569	402791	402500	99.9
Mandalay	282092	265860	94.3	4861	571011	570396	99.9
Mon	114654	110564	96.4	7607	237976	230372	96.8
Rakhine	199882	163009	81.6	18172	357965	319356	89.2
Yangon*	19750	19642	99.5	763	-	-	-
Shan (East)	37389	34898	93.3	18400	56507	55931	99.0
Shan (South)	133880	140448	104.9	14045	261179	258846	99.1
Shan (North)	111149	100555	90.5	26410	192420	186257	96.8
Ayeyarwady	297552	286047	96.1	73959	577819	562881	97.4
Nay Pyi Taw	16487	16124	97.8	314	30454	30402	99.8

TABLE 2.20 DEWORMING COVERAGE (concl'd)
Year 2016 August, absolute and percentage values

States and Regions	2-4 years Children			5-9Years Actual	Primary School Children		
	Targeted	Actual	Coverage		Targeted	Actual	Coverage
Union	2625565	2488467	94.8	163840	5071169	4867117	96.0
Kachin	90815	86938	95.7	1468	188144	167681	89.1
Kayah	18748	18524	98.8	456	37268	37268	100.0
Kayin	96055	88999	92.7	5819	104677	104364	99.7
Chin	37986	37186	97.9	952	41187	41127	99.9
Sagaing	238054	234597	98.6	4902	466278	466213	100.0
Tanintharyi	95117	92304	97.0	2028	297238	196399	66.1
Bago	234883	229435	97.7	15487	511453	509422	99.6
Magway	181492	181068	99.8	2961	417807	408668	97.8
Mandalay	282092	277160	98.3	4861	571011	570396	99.9
Mon	115066	110336	95.9	6939	235727	235662	100.0
Rakhine	201434	156285	77.6	10545	361314	327588	90.7
Yangon	320309	295977	92.4	9245	573079	568054	99.1
Shan (East)*	31347	28540	91.1	7951	-	-	-
Shan (South)	200010	190649	95.3	15056	273440	266696	97.5
Shan (North)	116198	103566	89.1	23209	194693	192576	98.9
Ayeyarwady	313615	305664	97.5	50999	696886	674350	96.8
Nay Pyi Taw	52344	51239	97.9	962	100967	100653	99.7

Source: National Nutrition Centre, Department of Public Health.

METHODOLOGY SHEET | Insurance

Responsible Unit (Service or Structure)	Myanma Insurance and Financial Regulatory Department
Level of Disaggregation	Union
Study Variables	Government and Private Insurance by type
Classification Variables	Number of insurance policy, amount of insured value, premium and claims of main insurances
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Type of Insurance
Tables	2.21, 2.22

TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS
Year 2014/2015, absolute values in Kyat Million in Policy Value

Type of Insurance	2014-2015			
	No. of policies	Policy Value	Premium	Claims
Life Insurance				
1. Government Services Personal Life Insurance	8528	1975.94	205.76	10.00
2. Army Personal Life Insurance	24345	4879.25	1262.86	386.77
3. Public Life Insurance	2	0.10	1.60	-
4. Group Life Insurance	2513	1074.98	10.75	1.20
5. Seaman Life Insurance	21191	105955	529.88	187.50
6. Life Insurance for Personal with Shore Job	-	-	-	-
7. Sportman Life Insurance	14	14.00	0.07	-
8. Snake Life Insurance	263054	131620.50	131.62	0.70
9. Health Insurance	-	-	-	-
Total	319647	245519.77	2142.54	586.17
Miscellaneous				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	76	-	8.37	-
3. Cash in Safe Insurance	107	-	55.94	-
4. Cash in Transit Insurance	58	-	34.30	-
5. Personal Accident and Disease Insurance	287	-	344.72	13.76
6. Workmen's Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miner's Liability Insurance	3	-	6.02	-
b. Third Party Liability	38	-	2.37	-
8. Deposit Insurance	13	-	64.52	-
9. Travel Insurance	11039842	110398.42	1037.94	92.26
10. Tiger Fishing Barge Owner's Liability Insurance	25	12.50	0.09	-
11. Oil and Gas Insurance	-	-	-	-
Total	11040449	110410.92	1554.27	106.02
Engineering				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	10	-	214.92	-
b. Erection All Risks Insurance	-	-	-	-
c. Electronic Equipment Insurance	7	-	0.24	0.36
d. Machinery Insurance	7	-	1.78	-
Total	24	-	216.94	0.36
Marine				
1. Marine Cargo Insurance	9412	426824.97	1685.88	91.22
2. Marine Hull and Machinery Insurance	122	20086.98	255.93	3.32
3. Ship Owner and Ship Operator's Liability Insurance	17131	8849.50	34.55	1.36
Total	26665	455761.45	1976.36	95.90
Aviation				
1. Aviation Hull Insurance	10	320.90	1.93	0.30
2. Aviation Liability Insurance				
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	10	320.90	1.93	0.30
Fire				
1. Fire and Allied Perils Insurance	32280	-	15784.28	1082.38
Third Party (Liability)				
1. Third Party Liability Insurance	2842227	-	7374.99	408.95
Comprehensive				
1. Comprehensive Motor Insurance	5959	35173.79	1044.02	701.09

TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (cont'd)
Year 2015/2016, absolute values in Kyat Million in Policy Value

Type of Insurance	2015-2016			
	No. of policies	Policy Value	Premium	Claims
Life Insurance				
1. Government Services Personal Life Insurance	10083	3823.57	300.25	16.68
2. Army Personal Life Insurance	6903	1998.33	1850.13	423.67
3. Public Life Insurance	2	5.00	1.69	6.44
4. Group Life Insurance	2923	1013.28	10.13	2.40
5. Seaman Life Insurance	19044	95220.00	476.30	157.50
6. Life Insurance for Personal with Shore Job	-	-	-	-
7. Sportman Life Insurance	33	33.00	0.16	-
8. Snake Life Insurance	148884	74532.00	74.53	0.11
9. Health Insurance	350	-	17.72	-
Total	188222	176625.18	2730.91	606.80
Miscellaneous				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	533	-	18.28	-
3. Cash in Safe Insurance	273	-	70.28	-
4. Cash in Transit Insurance	99	-	60.43	-
5. Personal Accident and Disease Insurance	315	-	244.21	7.48
6. Workmen's Compansation Insurance	-	-	-	-
7. Liability Insurance				
a. Miner's Liability Insurance	2	-	5.55	-
b. Third Party Liability	45	-	7.27	-
8. Deposit Insurance	10	-	24.30	-
9. Travel Insurance	9938865	97576.91	931.02	9.28
10. Tiger Fishing Barge Owner's Liability Insurance	18	9.00	0.06	-
11. Oil and Gas Insurance	-	-	-	-
Total	9940160	97585.91	1361.40	16.76
Engineering				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	23	-	341.04	-
b. Erection All Risks Insurance	-	-	-	-
c. Electronic Equipment Insurance	8	-	0.26	0.12
d. Machinery Insurance	9	-	18.24	-
Total	40	-	359.54	0.12
Marine				
1. Marine Cargo Insurance	7900	397228.81	1674.17	176.07
2. Marine Hull and Machinery Insurance	118	38084.34	277.83	3.09
3. Ship Owner and Ship Operator's Liability Insurance	17110	8729.00	36.03	-
Total	25128	444042.15	1988.03	179.16
Aviation				
1. Aviation Hull Insurance	11	316.10	2.69	0.25
2. Aviation Liability Insurance				
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	11	316.10	2.69	0.25
Fire				
1. Fire and Allied Perils Insurance	35888	-	18473.32	1786.14
Third Party (Liability)				
1. Third Party Liability Insurance	1825048	-	6238.49	377.07
Comprehensive				
1. Comprehensive Motor Insurance	4888	99323.65	864.90	484.33

TABLE 2.21 VOLUME OF GOVERNMENT INSURANCE BUSINESS (concl'd)
Year 2016/2017, absolute values in Kyat Million in Policy Value

Type of Insurance	2016-2017			
	No. of policies	Policy Value	Premium	Claims
Life Insurance				
1. Government Services Personal Life Insurance	11228	5023.43	467.84	23.60
2. Army Personal Life Insurance	1088	434.98	1883.85	783.43
3. Public Life Insurance	-	-	1.05	-
4. Group Life Insurance	2764	1207.26	12.07	0.90
5. Seaman Life Insurance	19995	99975.00	500.19	119.50
6. Life Insurance for Personal with Shore Job	-	-	-	-
7. Sportman Life Insurance	49	18.40	0.24	0.20
8. Snake Life Insurance	302615	151307.50	151.31	0.14
9. Health Insurance	26	-	1.80	0.22
Total	337765	257966.57	3018.35	927.99
Miscellaneous				
1. Burglary Insurance	-	-	-	-
2. Fidelity Guarantee Insurance	859	-	72.81	-
3. Cash in Safe Insurance	291	-	74.97	-
4. Cash in Transit Insurance	69	-	88.94	-
5. Personal Accident and Disease Insurance	332	-	238.54	10.93
6. Workmen's Compensation Insurance	-	-	-	-
7. Liability Insurance				
a. Miner's Liability Insurance	47	-	16.64	0.32
b. Third Party Liability	78	-	19.71	-
8. Deposit Insurance	7	-	12.54	-
9. Travel Insurance	9619593	7886493.34	820.41	78.93
10. Tiger Fishing Barge Owner's Liability Insurance	-	-	-	-
11. Oil and Gas Insurance	-	-	-	-
Total	9621276	7886493.34	1344.56	90.18
Engineering				
1. Contractor's and Machineries Insurance				
a. Contractor's All Risks Insurance	58	-	101.68	3.07
b. Erection All Risks Insurance	1	-	0.99	-
c. Electronic Equipment Insurance	8	-	0.25	1.07
d. Machinery Insurance	8	-	1.82	-
Total	75	-	104.74	4.14
Marine				
1. Marine Cargo Insurance	6688	363688.72	1653.87	-
2. Marine Hull and Machinery Insurance	181	37365.13	366.06	4.20
3. Ship Owner and Ship Operator's Liability Insurance	16769	8625.00	40.86	2.50
Total	23638	409678.85	2060.79	6.70
Aviation				
1. Aviation Hull Insurance	9	3572.60	103.30	0.57
2. Aviation Liability Insurance				
a. Crew Personal Accident Insurance	-	-	-	-
b. Aviation Hull Deductible Insurance	-	-	-	-
c. Aviation Hull War and Allied Perils Insurance	-	-	-	-
Total	9	3572.60	103.30	0.57
Fire				
1. Fire and Allied Perils Insurance	32985	-	20080.61	2567.14
Third Party (Liability)				
1. Third Party Liability Insurance	2780177	-	18958.01	584.77
Comprehensive				
1. Comprehensive Motor Insurance	4594	97984.23	893.56	505.50

Note: Insurance of Air travel Category has been building in the Miscellaneous group since 2004-05.

Source: Myanma Insurance.

TABLE 2.22 VOLUME OF PRIVATE INSURANCE BUSINESS
Years 2015/2016-2016/2017, absolute values in Kyat Million in Policy Value

Name of Insurance Company	Type of Insurance	2015-2016				2016-2017			
		No. of policies	Policy Value	Premium	Claims	No. of policies	Policy Value	Premium	Claims
IKBZ Ins: Co., Ltd.	Life Insurance	5126242	15040.20	1861.75	132.81	8672300	32060.15	3053.44	53.93
	Non-Life Insurance	21471	1942448.45	9447.54	1024.13	45657	2701778.58	13939.15	1391.44
GGI Ins: Co., Ltd.	Life Insurance	2427565	7947.29	1107.59	53.51	2665031	22497.11	1315.82	56.71
	Non-Life Insurance	12713	939465.88	6107.42	1781.70	22951	1532765.24	10045.29	2826.93
Global World Co., Ltd.	Life Insurance	302950	4173.00	155.68	1.25	273576	5324.00	162.81	9.53
	Non-Life Insurance	3554	215261.74	1293.21	409.48	5853	389341.26	3321.33	314.05
First National Ins: Co., Ltd.	Life Insurance	291754	1010.50	102.54	1.54	339144	1366.90	125.92	22.48
	Non-Life Insurance	4609	324530.07	3400.81	453.81	10101	673792.22	4504.30	540.35
Aung Myintmo Minn Ins: Co., Ltd.	Life Insurance	141765	35627.76	4631.29	79.97	269717	35627.76	4631.29	222.31
	Non-Life Insurance	-	-	-	-	-	-	-	-
Aung Thitsar Oo Ins: Co., Ltd.	Life Insurance	748905	210.40	225.92	-	765727	317.80	231.89	-
	Non-Life Insurance	6783	804412.99	4698.33	279.75	7411	880713.61	5353.80	164.36
CB Ins: Co., Ltd.	Life Insurance	690936	169199.09	1696.04	170.34	516244	307594.68	2560.21	86.82
	Non-Life Insurance	-	-	-	-	-	-	-	-
Ayar Myanmar Ins: Co., Ltd.	Life Insurance	485859	4607.90	201.97	8.69	640424	10908.40	331.26	16.71
	Non-Life Insurance	6439	457035.37	3383.55	456.78	11354	737360.62	6326.04	1151.82
Capital Life Ins: Co., Ltd.	Life Insurance	951972	20577.87	521.92	38.35	1101864	39835.45	778.68	100.67
	Non-Life Insurance	-	-	-	-	-	-	-	-
Young Ins: Co., Ltd.	Life Insurance	228454	456.05	69.09	10.80	175507	252.20	54.47	0.18
	Non-Life Insurance	-	-	-	-	28	1130.00	9.64	-
Excellent Fortune Ins: Co., Ltd.	Life Insurance	19	35.00	1.58	-	44	23.40	0.25	-
	Non-Life Insurance	-	-	-	-	-	-	-	-

Source: Financial Regulatory Department.

METHODOLOGY SHEET | **Social Welfare, Pension**

Responsible Unit (Service or Structure)	Department of Social Welfare and Pension Department
Level of Disaggregation	Union, States and Regions
Study Variables	Social welfare establishments, Pensioners and Pensionery Expenditure
Classification Variables	Social welfare establishments by public and NGOs, No. Of Pensioners and Pensioners Expenditure by States, Regions and by Gender
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Social welfare establishments, Pensioners (Political, Defense, Departments)
Tables	2.23, 2.24

TABLE 2.23 SOCIAL WELFARE ESTABLISHMENTS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PUBLIC							
Vocational Training Centre for Women							
(1) Number of Centres	4	4	4	4	4	4	4
(2) Number of Women	210	254	161	169	177	211	218
Training School for Girls							
(1) Number of Schools	2	3	3	3	3	3	3
(2) Number of Children	400	359	316	314	271	296	227
Training School for Boys							
(1) Number of Schools	6	7	7	7	7	7	7
(2) Number of Children	817	987	1016	1068	1001	985	1177
Women's Development Centre							
(1) Number of Centres	2	2	2	2	2	2	2
(2) Number of Women	204	155	176	178	165	152	148
School for the Persons with Visual Disabilities							
(1) Number of Schools	2	2	2	2	2	2	2
(2) Trainees	176	163	160	195	210	242	230
School for the Persons with Hearing Disabilities							
(1) Number of Schools	1	1	1	1	2	2	2
(1) Number of Students	219	196	187	187	218	284	118
School for the Children with Disabilities							
(1) Number of Schools	1	1	1	1	2	2	2
(2) Number of Children	160	170	197	218	324	296	356
School for the Adult Persons with Disabilities							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	130	68	69	64	59	48	50
Disabled Care Centre							
(1) Number of Centres	-	1	1	1	1	1	1
(2) Number of Children	-	42	60	65	68	78	79
Social Welfare Training School							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	313	1084 (r)	1002 (r)	1331 (r)	1345	930 (r)	1071
Pre-Primary School							
(1) Number of Schools	63	68	68	68	75	99	99
(2) Number of Children	7139	8783	10020	10305	11860	13996	15200
Early Childhood Care and Development Centre							
(1) Number of Centres	-	-	-	-	-	1	1
(2) Trainees	-	-	-	-	-	697	968
Residential Nursery							
(1) Number of Nurseries	6	6	5	5	7	7	7
(2) Number of Children	182	236	238	208	208	201	259

TABLE 2.23 SOCIAL WELFARE ESTABLISHMENTS (concl'd)
Years 2005/2006, 2010/2011, 2012/2013 -2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
School for the Home Science							
(1) Number of Schools	7	7	7	7	8	9	9
(2) Trainees	2524	4121	5455	5800	6175	9491	12069
Rehabilitation Centre for Ex-drug Addicts							
(1) Number of Centres	10	12	12	12	12	12	12
(2) Trainees	105	296 (r)	143 (r)	295 (r)	308	299	310
Centre for Women Care							
(1) Number of Centres	-	-	2	2	2	2	2
(2) Number of Women	-	-	181	210	16	53	50
Temporary Shelter for Victims of Trafficking							
(1) Number of Shelters	-	1	2	2	4	4	4
(2) Number of Victims	-	175 (r)	165 (r)	241 (r)	276 (r)	824 (r)	322
Day Care Centre for the Aged							
(1) Number of Centres	-	-	-	1	1	1	1
(2) Number of the elderly	-	-	-	30	70	70	70
NGOs							
Vocational Pre-Primary School							
(1) Number of Schools	796	720	730	851	900	921	975
(2) Number of Children	18946	25428	26261	31141	33338	34849	35732
Voluntary Youth Development Centre							
(1) Number of Centres	155	210	217	227	224	228	226
(2) Number of Children	13446	18250	21428	16980	16983	10329	18395
Voluntary Vocational Training School For Women							
(1) Number of Schools	10	10	10	10	11	11	11
(2) Trainees	689	584	563	559	609	708	669
Voluntary School for the Persons with Visual Disabilities							
(1) Number of Schools	5	5	6	6	6	6	5
(2) Trainees	497	445	539	494	464	506	433
Voluntary School for the Persons with Hearing Disabilities							
(1) Number of Schools	1	1	1	1	1	1	1
(2) Trainees	350	337	156	156	156	233	234
Home for the Aged							
(1) Number of Homes	45	56	61	66	72	75	81
(2) Number of the elderly	1977	2077	2175	2285	2438	2576	2675
Voluntary School for the Children with Disabilities							
(1) Number of Centres	-	-	2	2	3	3	5
(2) Trainees	-	-	224	287	371	388	540

Note : Women's Home (Yangon, Mandalay) were renamed as
Women's Development Centre in 1998. Training School for Women
renamed as Vocational Training Centre for Women in 1998.
School for the Home Science opened in 1997.
NGOs : Non Governmental Organizations

Source: Department of Social Welfare.

TABLE 2.24 PENSIONERS AND PENSIONERY EXPENDITURE
Year 2016/2017, absolute values

States and Regions	Pensioners and Pensionery Expenditure (Political), 2016-2017					
	Male		Female		Total	
	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)
Kachin State	1,566	1,244.85	6	4.77	1,572	1,249.62
Kayah State	464	315.23	-	-	464	315.23
Kayin State	726	512.25	3	2.12	729	514.37
Chin State	1,317	923.44	-	-	1,317	923.44
Sagaing Region	7,207	4,543.93	14	8.83	7,221	4,552.76
Tanintharyi Region	832	623.50	2	1.50	834	625.00
Bago Region	3,018	1,819.82	15	9.05	3,033	1,828.87
Bago Region (West)	2,872	1,678.47	7	4.09	2,879	1,682.56
Magway Region	5,658	3,408.33	16	9.64	5,674	3,417.97
Mandalay Region	7,356	5,285.11	18	12.93	7,374	5,298.05
Mon State	1,546	970.38	3	1.88	1,549	972.26
Rakhine State	3,789	2,428.25	7	4.49	3,796	2,432.73
Yangon Region	5,576	4,810.01	47	40.54	5,623	4,850.56
Shan State (East)	410	344.26	4	3.36	414	347.62
Shan State (South)	1,458	1,216.50	11	9.18	1,469	1,225.67
Shan State (North)	1,157	826.92	11	7.86	1,168	834.78
Ayeyarwaddy Region	7,040	4,193.88	16	9.53	7,056	4,203.41
Total	51,992	35,145.12	180	129.76	52,172	35,274.88

TABLE 2.24 PENSIONERS AND PENSIONERY EXPENDITURE(cont'd)
Year 2016/2017, absolute values

States and Regions	Pensioners and Pensionery Expenditure (Defence), 2016-2017					
	Male		Female		Total	
	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)
Kachin State	8,220	7,948.74	15	14.51	8,235	7,963.24
Kayah State	1,576	1,681.80	9	9.60	1,585	1,691.40
Kayin State	5,415	4,829.31	142	126.64	5,557	4,956.00
Chin State	2,741	1,302.51	-	0.00	2,741	1,302.51
Sagaing Region	12,268	10,810.52	41	36.13	12,309	10,846.65
Tanintharyi Region	3,244	3,344.36	17	17.53	3,261	3,361.89
Bago Region	18,652	16,124.15	100	86.45	18,752	16,210.60
Bago Region (West)	13,468	11,920.83	136	120.38	13,604	12,041.20
Magway Region	14,977	14,497.42	85	82.29	15,062	14,579.70
Mandalay Region	38,767	45,836.33	1,827	2,160.16	40,594	47,996.49
Mon State	10,387	9,374.37	50	45.13	10,437	9,419.50
Rakhine State	8,401	7,308.77	19	16.53	8,420	7,325.30
Yangon Region	84,937	88,339.44	4,056	4,218.48	88,993	92,557.92
Shan State (East)	3,048	3,480.10	22	25.12	3,070	3,505.22
Shan State (South)	9,833	11,326.99	49	56.45	9,882	11,383.44
Shan State (North)	8,246	7,936.11	53	51.01	8,299	7,987.00
Ayeyarwaddy Region	16,949	14,100.04	74	61.56	17,023	14,161.60
Total	261,129	260,161.79	6,695	7,127.93	267,824	267,289.72

TABLE 2.24 PENSIONERS AND PENSIONERY EXPENDITURE (concl'd)
Year 2016/2017, absolute values

States and Regions	Pensioners and Pensionery Expenditure (Department), 2016-2017					
	Male		Female		Total	
	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)	No. of Pensioners	Pensionery Expenditure (Kyat million)
Kachin State	5,087	3,504.91	2,931	2,019.44	8,018	5,524.35
Kayah State	1,840	1,235.89	833	559.51	2,673	1,795.40
Kayin State	3,937	2,494.51	1,943	1,231.10	5,880	3,725.61
Chin State	3,825	2,834.62	614	455.02	4,439	3,289.64
Sagaing Region	23,059	16,304.54	9,273	6,556.74	32,332	22,861.28
Tanintharyi Region	2,922	2,229.00	1,991	1,518.80	4,913	3,747.81
Bago Region	14,376	9,704.75	6,708	4,528.34	21,084	14,233.10
Bago Region (West)	14,535	9,733.68	6,174	4,134.55	20,709	13,868.23
Magway Region	20,753	14,647.98	8,583	6,058.09	29,336	20,706.07
Mandalay Region	43,228	30,330.94	17,976	12,612.87	61,204	42,943.81
Mon State	8,177	6,366.29	5,145	4,005.70	13,322	10,371.99
Rakhine State	11,010	7,753.70	3,228	2,273.29	14,238	10,026.99
Yangon Region	79,810	58,908.37	50,779	37,480.37	130,589	96,388.73
Shan State (East)	1,127	845.62	429	321.89	1,556	1,167.52
Shan State (South)	5,946	4,888.55	3,031	2,491.96	8,977	7,380.51
Shan State (North)	4,117	2,916.37	2,242	1,588.17	6,359	4,504.54
Ayeyarwady Region	25,192	17,073.69	13,617	9,228.82	38,809	26,302.51
Total	268,941	191,773.40	135,497	97,064.66	404,438	288,838.06

Source: Pension Department.

METHODOLOGY SHEET | **Development of Border Areas**

Responsible Unit (Service or Structure)	Progress of Border Areas and National Races Department
Level of Disaggregation	Border Area (21 regions)
Study Variables	Development works
Classification Variables	By Sector
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Border Areas development Activities
Tables	2.25

TABLE 2.25 MEASURES TAKEN FOR THE DEVELOPMENT OF BORDER AREAS AND NATIONAL RACES
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Construction								
1. Earth Roads	Mile	3347	4479	5784	5827	7228	8349	8397
2. Gravel Roads	Mile	2098	3203	4448	4639	5221	5977	6046
3. Asphalt Roads	Mile	383	476	2650	2681	2843	3007	3012
4. Maintenance Work	Mile	3338	3590	3968	3968	4412	4464	4472
5. Bridges	No.	796	1748	1973	1916	3401	4004	4047
Big	No.	59	119	205	215	259	319	323
Small	No.	737	1629	1768	1701	3142	3685	3724
6. Suspension	No.	35	66	86	86	126	139	139
7. Culvert	No.	-	-	-	-	748	1330	1360
Education								
1. Schools	No.	1034	1074	1126	1126	1125	1125	1125
(a) Primary	No.	852	888	924	924	911	911	911
(b) Middle	No.	90	92	93	93	103	103	103
(c) High	No.	92	94	109	109	111	111	111
Health								
1. Hospitals	No.	79	100	100	101	101	101	101
2. Dispensaries	No.	303	392	513	533	533	533	533
Power								
1. Regions with Electricity	No.	196	207	207	207	211	211	211
2. Hydro Electric Power	No.	11	51	51	51	136	136	138
3. Solar Power	No.	-	-	-	-	4544	20922	32386
Agriculture, Livestock and Fishery								
1. Agriculture Offices	No.	31	31	31	31	31	31	31
2. Agriculture Farms	No.	117	118	118	118	118	118	118
3. Dams	No.	63	80	81	82	82	82	82
4. Canals	No.	5	5	5	5	5	5	5
5. Tractor Depots	No.	11	11	11	11	11	11	11
6. Reserved Forests	No.	11	11	11	11	14	14	14
7. Saw Mills	No.	4	4	4	4	4	4	4
8. Nursery Forests	No.	14	14	14	14	14	14	14
9. Livestock Farms	No.	19	20	20	4	25	25	25
10. Fish Farms	No.	7	7	7	7	-	-	-
11. Fish Ponds	No.	59	59	59	59	-	-	-
12. Distribution of Donkeys	No.	38	38	38	38	38	38	38

TABLE 2.25 MEASURES TAKEN FOR THE DEVELOPMENT OF BORDER AREAS AND NATIONAL RACES (concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Telecommunication								
1. Post Offices	No.	52	54	54	53	53	53	53
2. Radio Telephones	No.	-	-	-	-	-	-	-
3. Telephone Exchanges	No.	-	-	-	-	-	-	-
4. Telephone	No.	85	86	86	86	86	86	86
5. Telephone Land Lines	Mile	-	-	-	-	-	-	-
6. Carrier System	No.	-	-	-	-	-	-	-
7. Telegraph Offices*	No.	44	47	47	47	47	45	45
8. Domestic Satellites	No.	-	-	-	-	-	-	-
9. Buildings (Communication Centre)	No.	-	-	-	-	-	-	-
10. T.V Sub-stations	No.	108	112	114	114	114	114	114
11. T.V Receive only	No.	3	3	3	3	3	3	3
12. Library	No.	-	-	-	-	26	26	26
Housing								
1. Buildings	No.	-	-	-	166	169	169	169
2. Buildings for sports	No.	-	-	-	13	13	13	13
3. Water Supply	No.	-	-	-	99	269	269	269
4. Housing for war veterans	No.	-	-	-	544	908	908	908
5. Staff Quarter	No.	-	-	-	-	123	123	123
6. Ceti	No.	43	52	52	52	52	52	52
7. Monastery	No.	247	286	289	292	339	345	358
8. Monastic Schools	No.	12	15	15	15	15	15	16
9. Renovation of Religious edifices	No.	48/44	65/47	66/47	66/47	96/47	114/51	116/52
Mineral Explorations and Mining								
(a) Ruby	Carat	249281	249281	249281	249281	249281	249281	249281
(b) Sapphire	No.	508	508	508	508	508	508	508
Staff Members								
(a) Male	No.	463	709	739	741	696	683	866
(b) Female	No.	242	495	522	524	486	482	607
Social Welfare								
1. Vocational Training Schools of Domestic Science for Women	No.	34	36	36	36	37	37	43
2. Domestic Science Trainees	No.	17883	38500	44903	53742	59695	65744	72709
3. Parahita	No.	1	1	1	1	1	1	1
4. Training Schools for Development of Nationalities Youths from Border Areas	No.	26	27	28	28	32	38	44
5. Nationalities Youth Resource Development Degree Collage	No.	2	2	2	2	2	2	2
6. Trainees	No.	574	1780	2422 (r)	2422	2598 (r)	2969 (r)	2969
7. University for the Development of the National Races of the Union	No.	1	1	1	1	1	1	1
8. Trainees	No.	9929	12104	12493	12493	12691 (r)	12797 (r)	12797

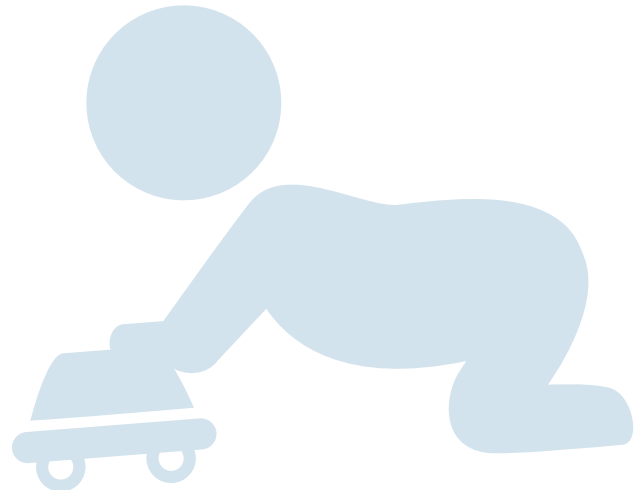
Note: *Reduction of 2 Telegraph offices is according to the (7/2015) meeting decision, because of abolition the telegraph offices in Minthar village and Aungzaya village in Saging Region.

Source: Progress of Border Areas and National Races Department.



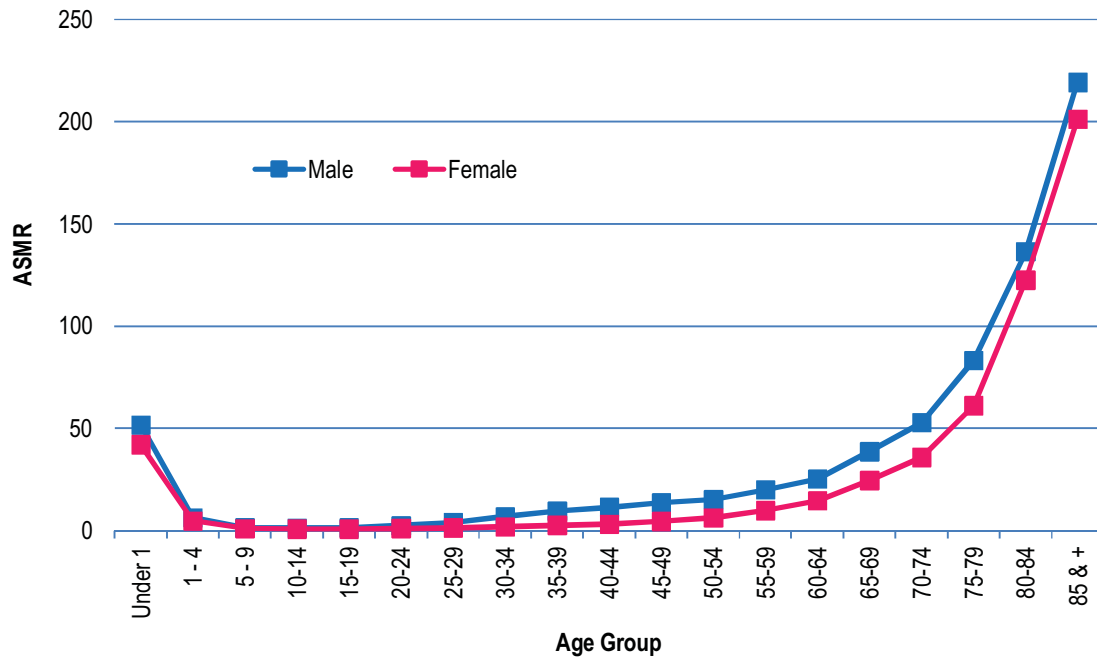
3

Vital statistics



The **Natural Increase** rate is stable recording **11.1** per thousand in 2014 and 2015. | In 2015 the **Infant Mortality** Rate declined significantly at **44.8** as compared to previous one year, 45.9, and also the **Under Five Mortality** rate, 66.5 against **65.3**. | The **average number of children** per woman was equal to **1.9** in urban areas and to **2.8** in rural ones. | From 2014 to 2015 the **Life Expectancy** increased progressively in all age groups. | Women confirm their **longevity** on men: their life expectancy was **69.3** in 2015 against **59.7** of men. | The main leading cause of death was cerebrovascular disease recording 74.4 deaths per thousand.

FIGURE 3.1 AGE-SPECIFIC MORTILITY RATE BY SEX, UNION, 2015
(PER 1,000 POPULATION IN EACH AGE GROUP)



Source: Central Statistical Organization

VITAL STATISTICS

METHODOLOGY SHEET | Number of Vital Events

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Union, Urban, Rural
Study Variables	Births, Deaths, Infant Deaths, Under Five Deaths, Maternal Deaths
Classification Variables	Vital Events such as Births, Deaths, Infant Deaths, Under Five Deaths and Maternal Deaths
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Place of residence by Union, Urban/Rural
Tables	3.01

TABLE 3.01 NUMBER OF BIRTHS, DEATHS, INFANT, UNDER 5 AND MATERNAL DEATHS BY UNION, URBAN/RURAL
Years 2014-2015, person

Area	Year	Births	Deaths	Infant Deaths	Under 5 Deaths	Maternal Deaths
Union	2014	736,369	213,085	9,386	11,575	258
	2014*	1,067,413	487,927	-	-	2,797 **
	2015	739,152	225,526	9,849	11,959	324
	2015*	1,065,146	480,686	-	-	-
Urban	2014	227,119	96,697	5,806	6,850	92
	2014*	256,977	146,017	-	-	-
	2015	233,206	102,923	6,256	7,251	151
	2015*	260,918	144,475	-	-	-
Rural	2014	509,250	116,388	3,580	4,725	166
	2014*	810,435	341,910	-	-	-
	2015	505,946	122,603	3,593	4,708	173
	2015*	804,228	336,211	-	-	-

Note: The vital events using from 1 January to 31 December of the calendar year from CRVS system.

*Data refer to Thematic Report on Population Projections for the Union of Myanmar, States/Regions, Rural and Urban Areas, 2014-2050, Census Report Volume 4-F, Department of Population.

** Maternal Deaths from Thematic Report on Maternal Mortality. Census Report Volume 4-C, Department of Population.

Source: CRVS System, Central Statistical Organization.

METHODOLOGY SHEET | **Vital Rates and Ratios**

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Union, Urban, Rural
Study Variables	Natural Increase Rate, Crude Birth Rate, Crude Death Rate, Infant Mortality Rate, Under Five Mortality Rate, Maternal Mortality Ratio
Classification Variables	Vital Events such as Births, Deaths, Infant Deaths, Under Five Deaths and Maternal Deaths
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Place of residence by Union, Urban/Rural
Tables	3.02

TABLE 3.02 NATURAL INCREASE, BIRTH, DEATH, INFANT MORTALITY, UNDER FIVE MORTALITY RATES AND MATERNAL MORTALITY RATIOS BY UNION, URBAN/RURAL

Years 2014-2015, per 1,000 population, per 1,000 livebirths and per 100,000 livebirths

Area	Year	Number of Reporting Towns/ Townships	Natural Increase Rate	Crude Birth Rate	Crude Death Rate	Infant Mortality Rate	Under Five Mortality Rate	Maternal Mortality Ratio
			per 1,000 population	per 1,000 population	per 1,000 population	per 1,000 live-births	per 1,000 live-births	per 100,000 live-births
Union	2014	322/288	11.1	20.6	9.5	45.9	66.5	223
	2014*	-	-	20.4	9.3	58.9	71.8 **	282 ***
	2015	322/288	11.1	20.4	9.3	44.8	65.3	241
	2015*	-	-	20.2	9.1	57.3	-	-
Urban	2014	322	7.1	16.8	9.7	31.5	44.8	-
	2014*	-	-	16.8	9.6	31.6	46.3 **	193 ***
	2015	322	7.3	16.8	9.5	30.9	43.8	-
	2015*	-	-	16.9	9.3	30.9	-	-
Rural	2014	288	12.8	22.2	9.4	50.4	73.3	-
	2014*	-	-	21.9	9.3	50.4	78.8 **	310 ***
	2015	288	12.7	21.9	9.2	49.3	72.1	-
	2015*	-	-	21.6	9.0	49.3	-	-

Notes: Based on CRVS system.

Source: CRVS System, Central Statistical Organization.

*Data refer to Thematic Report on Population Projections for the Union of Myanmar, States/Regions, Rural and Urban Areas, 2014-2050, Census Report Volume 4 - F, Department of Population.

** Under Five Mortality Rate from Thematic Report on Mortality, Census Report Volume 4 - B, Department of Population.

*** Maternal Mortality Ratio from Thematic Report on Maternal Mortality, Census Report Volume 4 - C, Department of Population.

METHODOLOGY SHEET | Age-Specific Fertility Rate (ASFR), Total Fertility Rate (TFR)

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Union, Urban, Rural
Study Variables	Age-Specific Fertility Rate (ASFR), Total Fertility Rate(TFR)
Classification Variables	Number of Live Births by Age of Mother
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Resident Female Population by Union, Urban/Rural
Tables	3.03

TABLE 3.03 AGE-SPECIFIC FERTILITY RATE (ASFR) AND TOTAL FERTILITY RATE (TFR) BY UNION, URBAN/RURAL

Years 2014-2015, per 1,000 women aged 15-49 years

Area	Year	Age of Mother							TFR
		15-19	20-24	25-29	30-34	35-39	40-44	45-49	
Union	2014	26	109	147	117	73	26	3	2.5
	2014**	33	109	129	112	76	33	7	2.5 *
	2015	28	112	141	115	73	25	3	2.5
	2015	-	-	-	-	-	-	-	-
Urban	2014	19	77	112	94	56	19	2	1.9
	2014**	22	77	103	94	59	21	5	1.9 *
	2015	21	79	107	92	57	19	2	1.9
	2015	-	-	-	-	-	-	-	-
Rural	2014	29	125	163	127	80	29	3	2.8
	2014**	38	124	141	120	84	39	9	2.8 *
	2015	31	129	157	124	79	29	4	2.8
	2015	-	-	-	-	-	-	-	-

Notes: Based on CRVS System.

Source: CRVS System, Central Statistical Organization.

* TFR from Thematic Report on Population Projections for the Union of Myanmar, States/Regions, Rural and Urban Areas, 2014-2050, Census Report Volume 4 - F, Department of Population.

**Data refer to Thematic Report on Fertility and Nuptiality, Census Report Volume 4 - A, Department of Population.

METHODOLOGY SHEET | Age Specific Mortality Rate (ASMR)

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Union, Urban, Rural By Sex
Study Variables	Age Specific Mortality Rate (ASMR)
Classification Variables	Deaths by Specific Age Group
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Resident people by Union, Urban/Rural
Tables	3.04, 3.05, 3.06

TABLE 3.04 AGE SPECIFIC MORTALITY RATE BY SEX (UNION)
Year 2014-2015, per 1,000 population in each age group

Age group	2014			2014*			2015		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	48.8	53.7	43.8	61.6	70.3	53.0	47.1	51.8	42.2
1 - 4	5.8	6.5	5.0	2.5	2.9	2.0	5.7	6.4	4.9
5 - 9	1.3	1.5	1.1	0.9	1.0	0.8	1.3	1.5	1.1
10-14	1.2	1.4	0.9	0.7	0.8	0.7	1.1	1.4	0.9
15-19	1.2	1.5	0.9	1.2	1.5	0.9	1.2	1.5	0.9
20-24	1.9	2.5	1.3	1.6	2.2	1.2	1.8	2.5	1.1
25-29	2.9	4.2	1.6	2.3	3.4	1.4	2.7	4.2	1.4
30-34	4.3	6.7	2.1	3.3	5.1	1.8	4.3	6.9	1.9
35-39	6.1	9.6	2.8	4.5	6.9	2.3	6.0	9.6	2.7
40-44	7.4	11.7	3.6	5.5	8.3	3.0	7.2	11.5	3.3
45-49	9.2	14.1	4.8	6.6	9.9	3.8	8.8	13.7	4.6
50-54	10.7	15.6	6.6	8.9	12.9	5.6	10.5	15.3	6.4
55-59	15.4	21.5	10.4	12.8	18.4	8.1	14.5	20.1	9.9
60-64	20.3	26.1	15.5	20.8	29.8	13.5	19.5	25.4	14.7
65-69	31.9	39.9	25.7	34.5	48.6	23.9	30.8	38.8	24.6
70-74	45.4	56.0	37.7	58.4	79.3	43.7	43.0	52.9	36.0
75-79	72.0	85.8	62.3	98.1	126.3	79.4	70.2	83.3	61.3
80-84	131.8	143.5	124.2	190.6	220.4	175.5	128.0	136.6	122.6
85 & +	204.0	220.5	195.1	-	-	-	207.6	219.3	201.3

Notes: Based on CRVS System.

Source: CRVS System, Central Statistical Organization.

*Data refer to Thematic Report on Mortality, Census Report
Volume 4 - B, Department of Population.

TABLE 3.05 AGE SPECIFIC MORTALITY RATE BY SEX (URBAN)
Year 2014-2015, per 1,000 population in each age group

Age group	2014			2014*			2015		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	32.7	36.5	28.8	37.8	43.4	31.9	32.2	36.0	28.3
1 - 4	3.6	3.7	3.5	1.2	1.4	1.0	3.5	3.6	3.4
5 - 9	0.9	1.0	0.8	0.7	0.8	0.6	0.9	1.0	0.7
10-14	0.9	1.1	0.6	0.6	0.7	0.5	0.9	1.1	0.6
15-19	1.3	1.7	0.9	0.8	1.1	0.6	1.3	1.7	0.9
20-24	2.0	2.9	1.1	1.4	2.1	0.9	1.9	2.8	1.1
25-29	3.3	5.2	1.5	2.5	4.1	1.1	3.3	5.1	1.5
30-34	5.6	9.1	2.2	4.0	6.7	1.7	5.5	9.1	2.1
35-39	7.7	12.8	3.0	5.5	9.2	2.2	7.5	12.6	3.0
40-44	8.9	15.0	3.6	6.7	11.3	2.8	8.9	15.0	3.6
45-49	10.5	17.2	5.0	7.8	12.8	3.9	10.3	16.9	4.9
50-54	12.9	19.9	7.2	9.9	15.9	5.4	12.5	19.4	7.0
55-59	17.0	24.5	11.1	14.4	23.0	8.0	16.3	23.7	10.6
60-64	22.3	30.6	16.0	23.8	37.5	13.8	21.2	29.4	15.2
65-69	32.7	43.0	25.3	39.8	60.8	25.2	30.7	40.6	23.8
70-74	44.6	57.1	36.0	67.6	97.1	48.0	42.2	54.5	33.9
75-79	67.0	83.1	56.4	112.1	149.0	89.4	68.0	84.6	57.4
80-84	125.9	142.8	115.9	207.8	243.7	193.3	120.4	134.0	112.4
85 & +	194.0	213.8	184.3	-	-	-	192.0	206.7	185.0

Notes: Based on CRVS System.

Source: CRVS System, Central Statistical Organization.

* Data refer to Thematic Report on Mortality, Census Report
Volume 4 - B, Department of Population.

TABLE 3.06 AGE SPECIFIC MORTALITY RATE BY SEX (RURAL)
Year 2014-2015, per 1,000 population in each age group

Age group	2014			2014*			2015		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Under 1	54.0	59.2	48.7	68.0	77.6	58.4	51.9	56.9	46.7
1 - 4	6.5	7.4	5.5	2.9	3.3	2.4	6.3	7.3	5.3
5 - 9	1.5	1.7	1.3	1.0	1.0	0.9	1.4	1.7	1.2
10-14	1.3	1.5	1.0	0.8	0.8	0.7	1.2	1.5	0.9
15-19	1.1	1.3	0.9	1.3	1.6	1.1	1.2	1.4	0.9
20-24	1.8	2.3	1.3	1.7	2.3	1.3	1.7	2.4	1.2
25-29	2.7	3.7	1.7	2.2	3.1	1.5	2.5	3.7	1.4
30-34	3.8	5.6	2.0	3.0	4.4	1.8	3.8	5.9	1.8
35-39	5.4	8.3	2.7	4.0	5.9	2.3	5.3	8.3	2.6
40-44	6.7	10.3	3.5	4.9	7.0	3.1	6.4	10.0	3.1
45-49	8.6	12.7	4.8	6.1	8.7	3.8	8.2	12.3	4.4
50-54	9.8	13.8	6.3	8.5	11.7	5.8	9.6	13.6	6.1
55-59	14.8	20.2	10.1	12.1	16.6	8.3	13.8	18.6	9.6
60-64	19.5	24.3	15.3	19.6	26.9	13.6	18.7	23.8	14.5
65-69	31.6	38.6	25.9	32.5	43.9	23.7	30.8	38.0	25.0
70-74	45.8	55.6	38.5	55.2	72.2	43.0	43.4	52.2	36.9
75-79	74.0	86.8	64.8	93.4	116.9	77.4	71.2	82.8	63.0
80-84	134.2	143.8	127.9	185.2	210.6	171.4	131.3	137.6	127.1
85 & +	208.8	223.4	200.5	-	-	-	215.0	224.7	209.5

Notes: Based on CRVS System.

Source: CRVS System, Central Statistical Organization.

* Data refer to Thematic Report on Mortality, Census Report
Volume 4 - B, Department of Population.

METHODOLOGY SHEET **Expectation of Life at Birth**

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Union, Urban, Rural By Sex
Study Variables	Expectation of Life at Birth
Classification Variables	Deaths by Specific Age Group by Sex
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Resident people by Union, Urban/Rural
Tables	3.07

TABLE 3.07 EXPECTATION OF LIFE AT BIRTH BY SEX, UNION, URBAN/RURAL
Years 2014-2015, years

Year	Union			Urban			Rural		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
2014	63.9	59.3	68.7	64.5	58.7	70.5	63.8	59.7	68.2
2014*	64.7	60.2	69.3	65.2	59.7	71.0	64.7	60.7	68.8
2015	64.4	59.7	69.3	64.9	59.2	70.9	64.4	60.2	68.8
2015*	65.1	60.6	69.7	65.6	60.1	71.3	65.1	61.1	69.2

Notes: Based on CRVS System.

Source: CRVS System, Central Statistical Organization.

* Data refer to Thematic Report on Population Projections for the Union of Myanmar, States/Regions, Rural and Urban Areas, 2014-2050, Census Report Volume 4 - F, Department of Population.

METHODOLOGY SHEET | Cause Specific Death Rate from Leading Causes of Death

Responsible Unit (Service or Structure)	Vital Registration System in Collaboration with Central Statistical Organization and Department of Public Health
Level of Disaggregation	Urban
Study Variables	Cause Specific Death Rate from Leading Causes of Death
Classification Variables	Deaths by Specific Causes
Type of Dissemination	Publication (Book and CD Rom), Online Databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Quarterly, Yearly
Units	Resident People by Urban
Tables	3.08

TABLE 3.08 CAUSE SPECIFIC DEATH RATE FROM LEADING CAUSES OF DEATH (URBAN)
Years 2014-2015 , per 100,000 population

Cause Group	2014		2015	
	Number	Rate	Number	Rate
Cerebrovascular disease	10776	71.2	11398	74.4
Other cardiovascular diseases	9291	61.4	8339	54.4
Hypertensive disease	8508	56.2	7170	46.8
Cirrhosis of the liver	4846	32.0	5162	33.7
Other digestive diseases	3718	24.6	3728	24.3
Ischaemic heart disease	2895	19.1	3716	24.3
Other infectious diseases	3702	24.5	3508	22.9
Diabetes mellitus	2668	17.6	3097	20.2
Tuberculosis	3486	23.0	3038	19.8
Alcohol use disorders	3010	19.9	2611	17.0
Ill-defined diseases (ICD10 R00-R99)	14691	97.1	16231	106.0

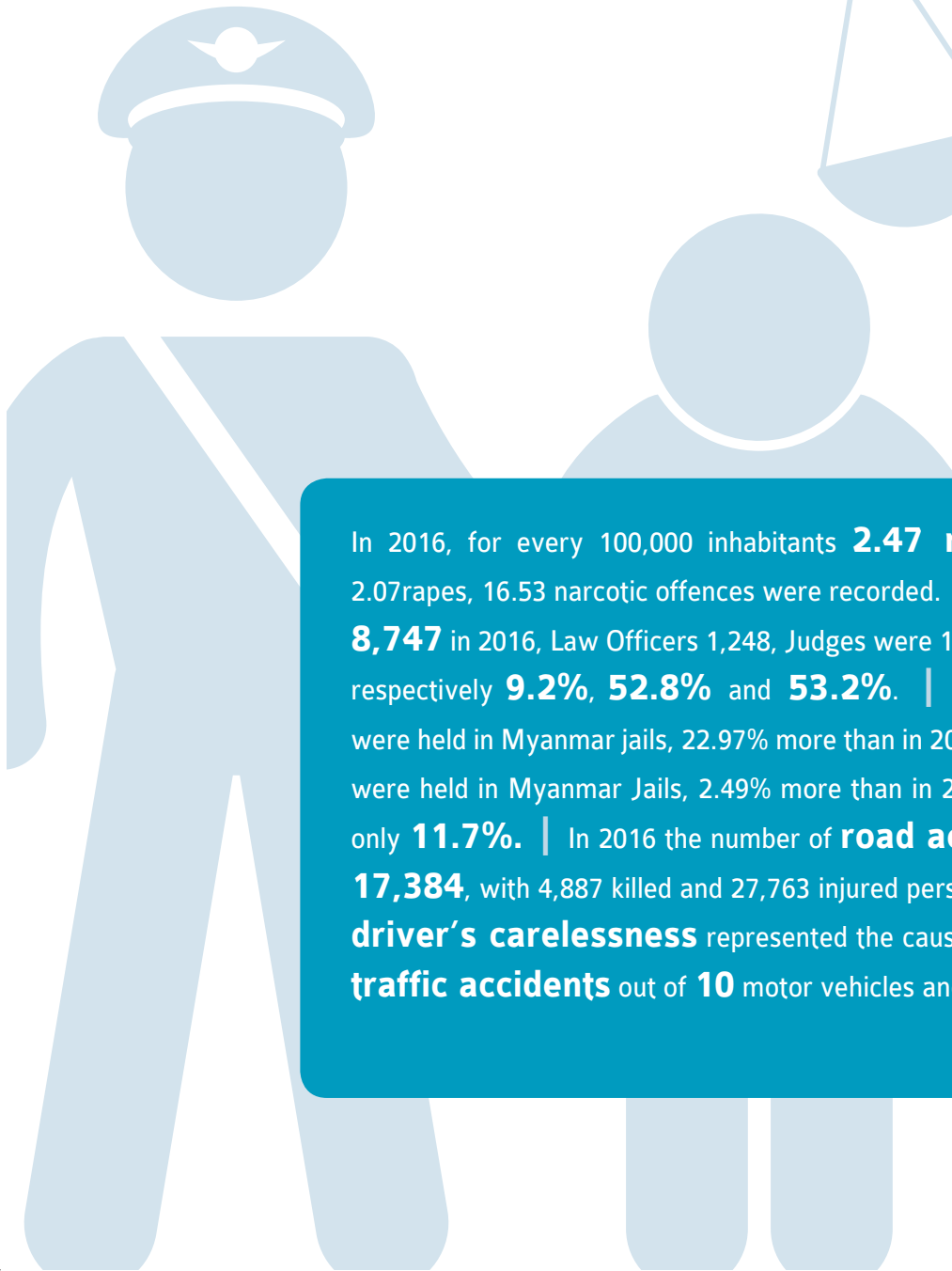
Notes: Classification of Diseases are based on Mortality Tabulation List 1 of International Classification of Diseases (ICD), 10th Revision.

Source: CRVS System, Central Statistical Organization.



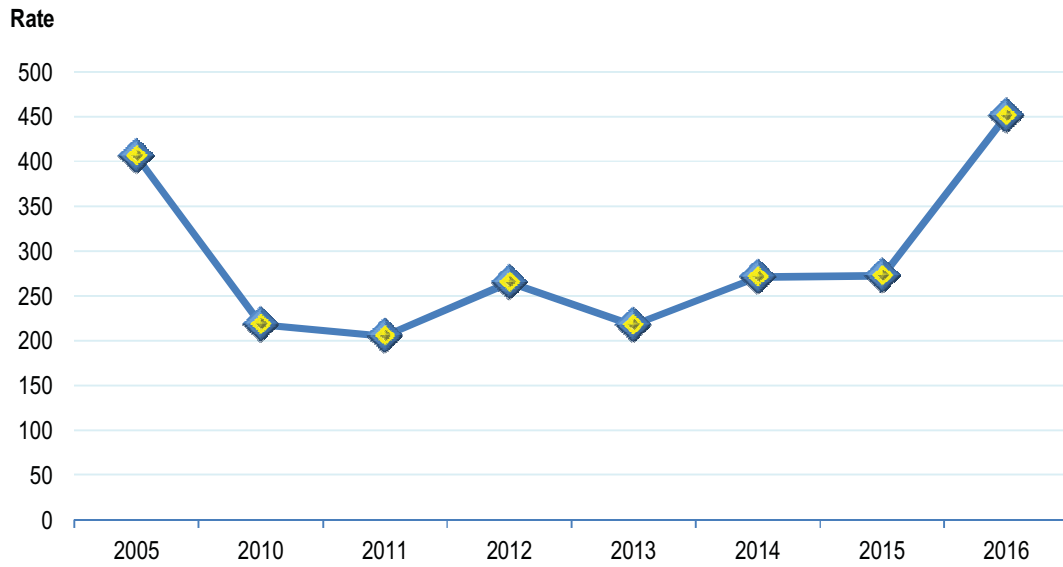
4

Justice and Security



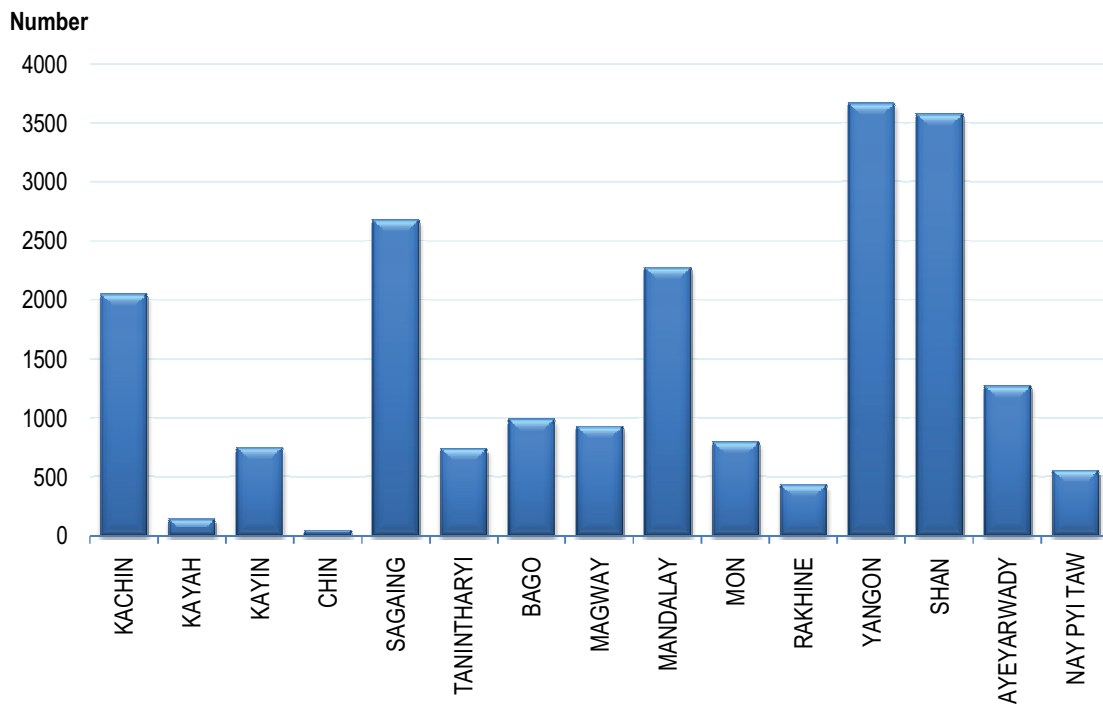
In 2016, for every 100,000 inhabitants **2.47 murders**, 0.30 robberies, 2.07 rapes, 16.53 narcotic offences were recorded. | **Police Officers** were **8,747** in 2016, Law Officers 1,248, Judges were 1,285, **women** represented respectively **9.2%**, **52.8%** and **53.2%**. | In 2016, **79,654** persons were held in Myanmar jails, 22.97% more than in 2010, **9,266** women persons were held in Myanmar Jails, 2.49% more than in 2010, **women** represented only **11.7%**. | In 2016 the number of **road accidents** in Myanmar was **17,384**, with 4,887 killed and 27,763 injured persons. | In **77.9%** of cases **driver's carelessness** represented the cause of road accidents. | In **4 traffic accidents** out of **10** motor vehicles and others were involved.

FIGURE 4.1 CRIME RATE (PER 100,000 INHABITANTS)



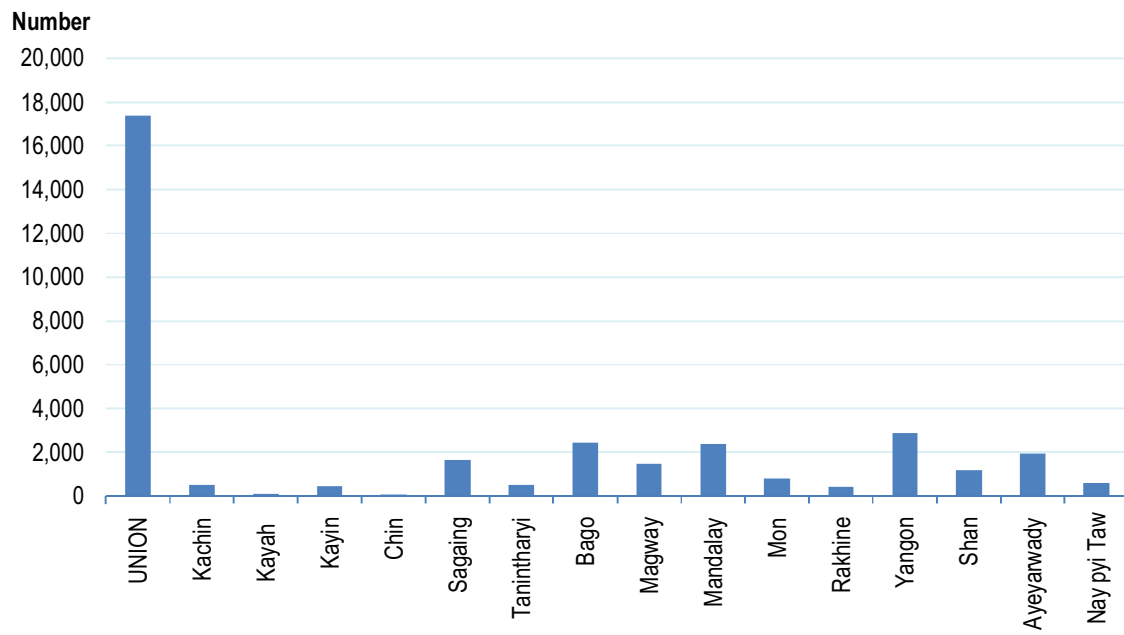
Source: Myanmar Policy Force

FIGURE 4.2 NUMBER OF SELECTED CRIMES BY STATES & REGIONS, 2016



Source: Myanmar Policy Force

FIGURE 4.3 TRAFFIC ACCIDENTS, 2016



Source: Myanmar Policy Force

JUSTICE AND SECURITY

METHODOLOGY SHEET | Crime

Responsible Unit (Service or Structure)	Myanmar Police Force
Level of Disaggregation	Union, Regions and States
Study Variables	Selected crime by States and Regions, offenders by type of offence by gender, crime rate by type of offence
Classification Variables	By Types and Gender
Type of Dissemination	Publication (Book form and CD Rom), on line databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Number of Crimes
Tables	4.01, 4.02, 4.03, 4.04

TABLE 4.01 SELECTED CRIMES BY TYPE OF OFFENCE
Years 2005, 2010, 2012-2016, absolute values

Type of Crime	2005	2010	2012	2013	2014	2015	2016
Murder	676	795	1,323	1,305	1,334	1,264	1,308
Dacoity	9	18	10	21	20	10	19
Robbery	61	48	91	100	96	136	160
Burglary	10	11	35	39	33	18	25
Kidnap	-	2	37	3	2	-	3
Rape	312	377	652	734	756	682	1,100
Theft	3,075	3,248	3,877	4,145	4,497	4,493	4,997
Animal Theft	30	54	54	79	76	91	102
Forgery and Coinage	3	35	17	33	28	38	25
Offences under the People's Property Protection Act	1,038	536	508	526	731	925	1,146
Narcotic Offences	3,109	2,706	4,017	5,497	6,763	6,570	8,748
Gambling	6,034	1,904	4,836	3,655	2,732	2,212	3,148
Trafficking in Person (TIP)	-	173	120	102	127	130	131

Notes: 1. Includes crime committed in railway precincts.

2. Prevention cases have been included since 1998.

Source: Myanmar Police Force.

TABLE 4.02 SELECTED CRIMES

Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
KACHIN STATE							
Murder	33	35	72	69	58	47	51
Dacoity	-	-	2	1	-	2	3
Robbery	2	1	5	2	9	5	5
Burglary	-	-	-	-	2	1	2
Kidnap	-	-	37	2	-	-	-
Rape	20	9	24	26	31	39	34
Theft	108	128	161	199	237	225	284
Animal Theft	3	3	5	6	10	15	9
Forgery and Coinage	-	-	-	3	-	-	1
Offences under the People's Property Protection Act	73	46	67	63	59	63	49
Narcotic Offences	653	798	1,140	1,482	1,896	1,652	1564
Gambling	89	31	23	32	35	19	34
Trafficking in person(TIP)	-	21	13	6	9	15	12
KAYAH STATE							
Murder	-	4	5	8	3	8	3
Dacoity	-	-	-	-	-	-	-
Robbery	-	-	1	-	-	-	-
Burglary	-	-	-	-	-	-	1
Kidnap	-	-	-	-	-	-	-
Rape	-	3	3	5	3	6	6
Theft	-	6	13	20	35	21	31
Animal Theft	-	-	-	-	-	-	-
Forgery and Coinage	-	1	-	-	-	-	-
Offences under the People's Property Protection Act	2	-	2	3	1	2	2
Narcotic Offences	8	8	20	52	82	56	94
Gambling	3	1	4	4	4	-	5
Trafficking in person(TIP)	-	-	-	-	-	-	-
KAYIN STATE							
Murder	8	25	24	29	27	40	38
Dacoity	-	-	-	2	-	1	-
Robbery	2	2	13	3	4	6	1
Burglary	-	-	-	-	-	-	-
Kidnap	-	-	-	1	-	-	-
Rape	3	6	13	10	17	23	18
Theft	41	34	66	76	111	102	97
Animal Theft	-	-	-	-	-	1	-
Forgery and Coinage	1	4	1	2	3	3	5
Offences under the People's Property Protection Act	4	5	5	8	5	-	2
Narcotic Offences	128	59	80	124	230	201	551
Gambling	52	29	25	31	17	20	34
Trafficking in person(TIP)	-	9	3	3	2	3	5

TABLE 4.02 SELECTED CRIMES (cont'd)
Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
CHIN STATE							
Murder	10	4	14	8	15	9	3
Dacoity	-	1	-	-	-	-	-
Robbery	-	-	-	-	-	2	-
Burglary	-	-	-	-	-	-	-
Kidnap	-	-	-	-	-	-	-
Rape	1	2	2	3	6	5	9
Theft	5	2	12	11	25	33	30
Animal Theft	-	1	-	-	4	3	1
Forgery and Coinage	-	-	-	2	-	-	-
Offences under the People's Property Protection Act	7	-	1	1	2	2	1
Narcotic Offences	6	6	13	24	7	3	3
Gambling	1	-	-	2	-	-	-
Trafficking in person(TIP)	-	-	-	-	-	-	-
SAGAING REGION							
Murder	59	27	119	125	140	119	125
Dacoity	-	-	2	-	2	1	1
Robbery	2	-	7	6	6	9	18
Burglary	-	-	4	2	1	1	4
Kidnap	-	-	-	-	-	-	-
Rape	26	6	60	80	82	79	110
Theft	118	94	169	227	345	311	380
Animal Theft	2	1	2	12	11	14	19
Forgery and Coinage	-	2	-	3	1	5	-
Offences under the People's Property Protection Act	63	6	40	63	226	355	479
Narcotic Offences	179	227	578	899	889	847	1271
Gambling	629	139	614	348	195	150	280
Trafficking in person(TIP)	-	3	-	1	3	5	2
TANINTHARYI REGION							
Murder	46	35	31	41	28	27	34
Dacoity	-	-	1	-	1	-	-
Robbery	3	2	1	1	2	2	4
Burglary	-	-	3	-	-	-	-
Kidnap	-	-	-	-	-	-	-
Rape	11	10	13	16	4	8	19
Theft	56	42	67	57	73	53	89
Animal Theft	-	-	-	1	-	-	-
Forgery and Coinage	-	-	3	1	3	2	2
Offences under the People's Property Protection Act	7	6	5	5	3	10	24
Narcotic Offences	71	151	150	230	234	305	517
Gambling	74	41	52	43	62	30	50
Trafficking in person(TIP)	-	2	3	3	7	1	1

TABLE 4.02 SELECTED CRIMES (cont'd)
Years 2005, 2010, 2012-2016 , absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
BAGO REGION							
Murder	37	102	149	159	170	147	137
Dacoity	-	-	-	-	-	-	-
Robbery	1	-	2	5	3	3	1
Burglary	-	-	-	1	-	1	1
Kidnap	-	-	-	-	-	-	-
Rape	16	54	64	64	82	49	73
Theft	186	324	321	9	337	269	246
Animal Theft	4	9	9	-	3	-	1
Forgery and Coinage	-	3	1	-	3	3	-
Offences under the People's Property Protection Act	166	83	107	76	57	66	35
Narcotic Offences	34	16	26	28	32	35	84
Gambling	500	305	1,215	855	490	419	410
Trafficking in person(TIP)	-	4	8	12	5	7	3
MAGWAY REGION							
Murder	22	44	94	96	106	91	68
Dacoity	-	-	-	-	1	-	-
Robbery	-	1	6	4	9	8	3
Burglary	-	-	1	1	2	1	1
Kidnap	-	-	-	-	-	-	-
Rape	6	21	43	42	55	56	78
Theft	122	89	143	198	278	338	307
Animal Theft	-	1	6	7	12	8	3
Forgery and Coinage	-	3	-	2	-	1	2
Offences under the People's Property Protection Act	126	62	73	66	63	63	95
Narcotic Offences	10	4	7	5	28	31	77
Gambling	208	64	311	175	118	265	291
Trafficking in person(TIP)	-	2	1	2	3	4	1
MANDALAY REGION							
Murder	137	98	156	166	158	159	126
Dacoity	-	1	-	1	7	2	9
Robbery	4	6	4	11	2	18	37
Burglary	-	-	2	2	3	4	5
Kidnap	-	-	-	-	-	-	-
Rape	42	37	84	102	84	96	128
Theft	732	608	912	1,022	1,038	1,052	940
Animal Theft	5	3	6	11	10	7	8
Forgery and Coinage	-	3	2	6	5	3	3
Offences under the People's Property Protection Act	156	125	70	115	107	107	74
Narcotic Offences	267	180	212	279	500	402	567
Gambling	638	175	635	925	509	377	377
Trafficking in person(TIP)	-	19	15	9	15	18	9

TABLE 4.02 SELECTED CRIMES (cont'd)
Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
MON STATE							
Murder	37	44	57	45	47	57	62
Dacoity	2	1	-	1	-	-	-
Robbery	-	2	5	8	2	6	2
Burglary	-	1	-	1	-	3	-
Kidnap	-	1	-	-	1	-	-
Rape	14	18	15	24	24	31	53
Theft	92	102	156	160	160	160	238
Animal Theft	1	-	1	-	1	-	3
Forgery and Coinage	-	3	-	-	2	3	1
Offences under the People's Property Protection Act	40	10	9	6	2	2	1
Narcotic Offences	36	20	44	105	156	130	283
Gambling	162	85	129	122	135	95	146
Trafficking in person(TIP)	-	8	1	1	5	3	7
RAKHINE STATE							
Murder	88	139	185	161	104	91	105
Dacoity	6	12	3	11	2	-	-
Robbery	7	8	-	8	4	5	4
Burglary	-	1	-	-	-	1	1
Kidnap	-	-	-	-	-	-	-
Rape	18	41	24	29	44	31	45
Theft	147	133	88	107	132	120	101
Animal Theft	6	15	11	20	16	17	16
Forgery and Coinage	-	7	1	-	-	5	1
Offences under the People's Property Protection Act	29	24	22	10	11	24	9
Narcotic Offences	26	46	18	49	60	78	121
Gambling	89	22	17	25	19	35	21
Trafficking in person(TIP)	-	1	3	1	1	10	8
YANGON REGION							
Murder	105	100	164	130	186	182	180
Dacoity	1	2	2	4	6	1	1
Robbery	37	22	30	33	48	53	51
Burglary	10	5	18	23	25	1	5
Kidnap	-	-	-	-	-	-	1
Rape	106	103	135	152	130	103	229
Theft	1,068	1,223	1,144	1,070	1,009	1,106	1183
Animal Theft	4	9	4	1	1	1	-
Forgery and Coinage	2	7	3	12	4	8	6
Offences under the People's Property Protection Act	262	144	65	69	37	28	26
Narcotic Offences	235	259	326	286	436	555	936
Gambling	2,497	794	1,243	1,056	908	564	1023
Trafficking in person(TIP)	-	25	13	18	14	17	25

TABLE 4.02 SELECTED CRIMES (concl'd)
Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
SHAN STATE							
Murder	58	90	112	137	155	144	180
Dacoity	-	1	-	1	1	1	-
Robbery	2	3	6	12	4	8	10
Burglary	-	4	-	-	-	-	-
Kidnap	-	1	-	-	1	-	2
Rape	25	37	24	40	45	40	66
Theft	256	224	264	264	252	320	341
Animal Theft	3	1	4	4	2	6	3
Forgery and Coinage	-	2	5	2	6	3	2
Offences under the People's Property Protection Act	68	16	20	23	144	193	296
Narcotic Offences	1,442	926	1,397	1,921	2,186	2,252	2556
Gambling	136	95	118	101	74	67	72
Trafficking in person(TIP)	-	77	54	40	54	39	47
AYEYARWADY REGION							
Murder	36	48	141	131	137	143	164
Dacoity	-	-	-	-	-	2	2
Robbery	1	1	11	7	3	11	19
Burglary	-	-	7	9	-	5	4
Kidnap	-	-	-	-	-	-	-
Rape	24	30	148	141	149	116	189
Theft	144	239	361	421	465	383	475
Animal Theft	2	11	6	9	6	19	39
Forgery and Coinage	-	-	1	-	1	2	2
Offences under the People's Property Protection Act	35	9	22	18	14	10	25
Narcotic Offences	14	6	6	13	27	23	67
Gambling	956	123	450	236	166	171	274
Trafficking in person(TIP)	-	2	6	6	9	8	11
NAY PYI TAW							
Murder	-	-	-	-	-	-	32
Dacoity	-	-	-	-	-	-	3
Robbery	-	-	-	-	-	-	5
Burglary	-	-	-	-	-	-	1
Kidnap	-	-	-	-	-	-	-
Rape	-	-	-	-	-	-	43
Theft	-	-	-	-	-	-	255
Animal Theft	-	-	-	-	-	-	-
Forgery and Coinage	-	-	-	-	-	-	-
Offences under the People's Property Protection Act	-	-	-	-	-	-	28
Narcotic Offences	-	-	-	-	-	-	57
Gambling	-	-	-	-	-	-	131
Trafficking in person(TIP)	-	-	-	-	-	-	-

Notes: 1. Includes crime committed in railway precincts.

2. Prevention cases have been included since 1998.

Source: Myanmar Police Force.

TABLE 4.03 OFFENDERS BY TYPE OF OFFENCE
Years 2005, 2010, 2012-2016, absolute values

Type of Crime	2005	2010	2012	2013	2014	2015	2016
Murder							
Total	816	1,032	1,650	1,690	1,626	1,625	1,636
of which: Females	35	52	98	91	90	98	78
Dacoity							
Total	25	90	72	145	120	66	132
of which: Females	1	-	-	-	2	-	2
Robbery							
Total	114	161	210	157	188	321	218
of which: Females	10	3	-	3	1	6	2
Burglary							
Total	12	23	45	62	49	43	26
of which: Females	1	2	-	3	3	4	2
Kidnap							
Total	-	4	150	14	17	-	4
of which: Females	-	-	-	-	-	-	-
Rape							
Total	362	408	670	824	790	730	1,111
of which: Females	6	2	-	13	2	4	17
Theft							
Total	3,368	3,578	4,430	3,345	4,321	4,259	4,690
of which: Females	270	528	425	397	402	381	463
Animal Theft							
Total	42	62	100	137	103	158	143
of which: Females	-	-	-	2	1	5	3
Forgery and Coinage							
Total	5	48	33	73	43	60	44
of which: Females	-	13	6	15	8	16	5
Offences under the People's Property Protection Act							
Total	1,646	829	1,150	880	1,220	1,273	1,387
of which: Females	64	43	30	44	58	83	50
Narcotic Offences							
Total	3,861	3,179	4,700	8,814	9,595	9,067	13,301
of which: Females	533	466	520	1,556	1,324	1,129	1,702
Gambling							
Total	8,576	3,247	5,840	6,737	5,742	4,785	6,672
of which: Females	2,032	384	1,550	1,966	1,794	1,450	2,059
Trafficking in Person							
Total	-	502	325	269	274	321	403
of which: Females	-	305	219	188	201	176	244
Other Crimes							
Total	214,317	135,790	141,234	135,650	141,926	118,102	197,141
of which: Females	13,124	16,661	17,627	15,952	16,410	9,811	13,173
Total crimes							
Total	233,144	148,953	160,609	158,797	166,014	140,810	226,908
of which: Females	16,076	18,459	20,475	20,230	20,296	13,163	17,800

Notes: 1. Female offenders are committed as abettment of rape.
2. The Anti Trafficking in Person Law enacted on 13rd September 2005.

Source: Myanmar Police Force.

TABLE 4.04 CRIME RATES BY TYPE OF OFFENCE
Years 2005, 2010, 2012-2016, per 100,000 inhabitants

Type of Crime	2005	2010	2012	2013	2014	2015	2016
Murder	1.20	1.32	2.19	2.14	2.60	2.45	2.47
Dacoity	0.01	0.03	0.02	0.03	0.03	0.01	0.03
Robbery	0.11	0.08	0.15	0.16	0.18	0.26	0.30
Burglary	0.01	0.01	0.06	0.06	0.06	0.03	0.04
Kidnap	-	*	0.06	-	*	-	-
Rape	0.57	0.63	1.08	1.20	1.47	1.32	2.07
Theft	5.66	5.43	7.26	6.79	8.74	8.72	9.44
Animal Theft	0.05	0.09	0.09	0.12	0.14	0.17	0.19
Forgery and Coinage	*	0.05	0.03	0.05	0.05	0.07	0.04
Offences under the People's Property Protection Act	1.90	0.89	0.84	0.86	1.42	1.79	2.16
Narcotic Offences	5.70	4.52	6.65	9.01	13.15	12.76	16.53
Gambling	13.06	3.18	8.01	5.99	5.31	4.29	6.94
Trafficking in Person (TIP)	-	0.28	0.19	0.16	0.24	0.25	0.24
Other Crimes	391	201	233	190	237	240	411
Total	406	218	265	217	271	272	451

Note: * Less than 0.01

Source: Myanmar Police Force.

METHODOLOGY SHEET | Police Officers, Law officers and Judges

Responsible Unit (Service or Structure)	Myanmar Police Force, Union Attorney General Office and Supreme Court of the Union
Level of Disaggregation	Union, States and Regions.
Study Variables	Number of police officers, law officers and Judges by Region and State and by gender
Classification Variables	Gender
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Police Officers, Law Officers and Judges across the country
Tables	4.05, 4.06, 4.07

TABLE 4.05 POLICE OFFICERS

Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
UNION							
Male	10,674	8,684	8,501	7,657	7,479	7,770	7,945
Female	304	387	338	450	602	632	802
KACHIN STATE							
Male	372	426	397	397	392	366	376
Female	-	2	1	1	1	8	8
KAYAH STATE							
Male	115	123	133	145	155	161	130
Female	-	1	1	1	-	4	7
KAYIN STATE							
Male	254	313	297	270	168	269	283
Female	3	5	7	5	4	3	6
CHIN STATE							
Male	157	135	161	172	172	161	95
Female	-	-	-	-	-	2	2
SAGAING REGION							
Male	854	821	883	695	678	702	767
Female	9	15	18	33	42	46	64
TANINTHARYI REGION							
Male	294	291	290	365	262	244	240
Female	1	2	3	2	4	6	5
BAGO REGION							
Male	803	789	750	683	694	752	777
Female	30	39	40	45	62	91	102
MAGWAY REGION							
Male	611	634	634	547	556	556	578
Female	19	22	19	35	43	53	62
MANDALAY REGION							
Male	1,149	1,114	820	765	790	871	862
Female	45	53	40	68	97	94	166
MON STATE							
Male	317	308	299	251	259	260	303
Female	8	11	12	9	21	23	27
RAKHINE STATE							
Male	532	425	459	393	376	315	335
Female	3	6	5	4	4	7	10
YANGON REGION							
Male	3,337	1,221	1,061	916	935	942	943
Female	131	161	104	101	153	124	142
SHAN STATE							
Male	1,099	1,226	1,185	1,078	1,047	995	1,126
Female	30	33	38	56	43	58	85
AYEYARWADY REGION							
Male	780	858	774	674	641	791	785
Female	25	37	30	38	40	54	58
NAY PYI TAW							
Male	-	-	358	306	354	385	345
Female	-	-	20	52	88	59	58

Source: Myanmar Police Force.

TABLE 4.06 LAW OFFICERS

Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
UNION							
Male	709	563	534	533	623	592	589
Female	394	419	494	571	648	620	659
KACHIN STATE							
Male	30	27	34	33	32	31	33
Female	10	13	12	11	13	12	12
KAYAH STATE							
Male	14	13	13	13	11	12	10
Female	4	2	2	2	2	3	6
KAYIN STATE							
Male	19	17	14	14	15	14	12
Female	9	3	4	3	8	9	15
CHIN STATE							
Male	17	15	16	15	14	17	15
Female	5	4	0	1	0	0	1
SAGAING REGION							
Male	81	56	43	46	45	53	45
Female	39	24	37	40	40	46	48
TANINTHARYI REGION							
Male	21	19	20	18	17	16	15
Female	2	3	5	8	8	10	11
BAGO REGION							
Male	60	35	37	39	30	41	38
Female	49	30	40	41	40	51	59
MAGWAY REGION							
Male	44	35	40	32	30	40	31
Female	13	15	19	19	29	33	30
MANDALAY REGION							
Male	77	56	67	61	76	78	82
Female	52	49	81	91	91	82	90
MON STATE							
Male	22	15	16	11	9	14	14
Female	12	10	14	16	20	23	21
RAKHINE STATE							
Male	36	26	26	30	33	36	35
Female	9	10	12	11	11	10	11
YANGON REGION							
Male	91	70	68	44	69	65	87
Female	86	126	123	137	156	147	130
SHAN STATE							
Male	76	80	60	60	64	62	65
Female	22	21	33	31	27	37	38
AYEYARWADY REGION							
Male	62	34	35	24	34	45	37
Female	31	21	34	37	30	45	43
UNION ATTORNEY GENERAL OFFICE							
Male	59	65	45	93	144	68	70
Female	51	88	78	123	173	112	144

Source: Union Attorney General Office.

TABLE 4.07 NUMBER OF JUDGES
Years 2011-2016, absolute values

States and Regions	2011	2012	2013	2014	2015	2016
UNION	1144	1139	1108	1164	1182	1285
Male	576	574	552	554	561	601
Female	568	565	556	610	621	684
KACHIN STATE	45	43	42	46	48	47
Male	33	32	31	30	28	27
Female	12	11	11	16	20	20
KAYAH STATE	14	14	13	14	13	22
Male	8	8	8	8	8	15
Female	6	6	5	6	5	7
KAYIN STATE	22	22	23	24	28	27
Male	12	12	12	13	13	13
Female	10	10	11	11	15	14
CHIN STATE	15	15	15	15	18	22
Male	14	14	14	14	14	18
Female	1	1	1	1	4	4
SAGAING REGION	103	102	95	83	93	95
Male	60	59	52	40	40	41
Female	43	43	43	43	53	54
TANINTHARYI REGION	29	29	28	30	29	34
Male	15	15	14	15	15	15
Female	14	14	14	15	14	19
BAGO REGION	110	106	100	95	126	115
Male	59	59	54	54	54	50
Female	51	47	46	41	72	65
MAGWAY REGION	69	68	59	60	60	71
Male	29	28	24	24	20	22
Female	40	40	35	36	40	49
MANDALAY REGION	158	163	160	160	107	189
Male	70	75	72	67	50	85
Female	88	88	88	93	57	104
MON STATE	38	40	40	35	46	40
Male	17	17	17	15	20	15
Female	21	23	23	20	26	25
RAKHINE STATE	47	45	44	42	35	41
Male	25	23	22	20	15	19
Female	22	22	22	22	20	22
YANGON REGION	222	217	220	211	256	264
Male	101	101	102	98	143	137
Female	121	116	118	113	113	127
SHAN STATE	92	92	90	99	112	105
Male	61	59	62	56	62	60
Female	31	33	28	43	50	45
AYEYARWADY REGION	94	95	90	89	103	97
Male	40	41	37	36	35	40
Female	54	54	53	53	68	57
SUPREME COURT OF THE UNION	86	88	89	161	108	116
Male	32	31	31	64	44	44
Female	54	57	58	97	64	72

Source: Supreme Court of the Union.

METHODOLOGY SHEET | Prisoners

Responsible Unit (Service or Structure)	Prison Department
Level of Disaggregation	Union, States and Regions
Study Variables	Convicts and undertrials
Classification Variables	Gender
Type of Dissemination	Publication (Book form and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Prisoners in Prison
Tables	4.08, 4.09

TABLE 4.08 PRISONERS CONFINED IN JAILS BY CATEGORY
Years 2005, 2010, 2012-2016, absolute values

Year	Convicts		Undertrials		Total	
	Males	Females	Males	Females	Males	Females
2005	59,019	9,697	4,408	809	63,427	10,506
2010	51,568	8,194	4,164	847	55,732	9,041
2012	42,450	7,595	6,439	991	48,889	8,586
2013	47,756	7,822	6,441	1,062	54,197	8,884
2014	43,967	6,266	7,497	1,031	51,464	7,297
2015	49,390	6,527	7,789	1,017	57,179	7,544
2016	59,758	7,874	10,630	1,392	70,388	9,266

Source: Prison Department.

TABLE 4.09 PRISONERS CONFINED IN JAILS BY STATES AND REGIONS

Years 2005, 2010, 2012-2016, absolute values

States and Regions	2005	2010	2012	2013	2014	2015	2016
UNION	73,933	64,773	57,475	63,081	58,761	64,723	79,654
Convicts	68,716	59,762	50,045	55,578	50,233	55,917	67,632
Undertrials	5,217	5,011	7,430	7,503	8,528	8,806	12,022
KACHIN STATE	3,148	3,403	3,501	3,543	3,832	4,610	5,995
Convicts	2,858	3,094	2,711	2,698	3,084	3,936	5,216
Undertrials	290	309	790	845	748	674	779
KAYAH STATE	1,117	525	449	530	542	470	651
Convicts	1,095	510	427	479	483	392	599
Undertrials	22	15	22	51	59	78	52
KAYIN STATE	1,704	1,256	714	896	932	1,158	1,732
Convicts	1,653	1,164	634	809	817	1,083	1,431
Undertrials	51	92	80	87	115	75	301
CHIN STATE	426	-	-	-	-	-	-
Convicts	426	-	-	-	-	-	-
Undertrials	-	-	-	-	-	-	-
SAGAING REGION	5,238	3,968	4,714	5,416	4,905	5,861	7,637
Convicts	5,166	3,836	4,457	4,999	4,660	5,507	6,938
Undertrials	72	132	257	417	245	354	699
TANINTHARYI REGION	2,009	2,217	1,784	2,028	1,994	2,258	3,051
Convicts	1,864	2,099	1,583	1,716	1,708	1,959	2,532
Undertrials	145	118	201	312	286	299	519
BAGO REGION	6,190	5,259	4,494	5,349	4,789	5,490	6,237
Convicts	5,782	4,972	4,081	4,854	4,277	4,932	5,660
Undertrials	408	287	413	495	512	558	577
MAGWAY REGION	2,751	1,448	1,372	1,586	1,347	1,731	1,985
Convicts	2,703	1,389	1,295	1,485	1,240	1,624	1,879
Undertrials	48	59	77	101	107	107	106
MANDALAY REGION	14,803	13,132	10,827	12,574	12,246	13,469	15,545
Convicts	14,028	12,225	10,021	11,522	10,870	12,135	13,766
Undertrials	775	907	806	1,052	1,376	1,334	1,779
MON STATE	5,440	4,806	4,056	4,394	4,053	4,480	4,737
Convicts	5,343	4,686	3,874	4,170	3,705	4,163	4,340
Undertrials	97	120	182	224	348	317	397
RAKHINE STATE	3,716	4,252	3,710	3,704	3,331	3,116	3,899
Convicts	3,388	3,972	2,577	3,156	2,768	2,767	3,166
Undertrials	328	280	1,133	548	563	349	733
YANGON REGION	12,713	11,370	10,267	10,820	9,659	9,582	12,573
Convicts	10,341	9,113	7,650	8,260	6,430	5,892	7,878
Undertrials	2,372	2,257	2,617	2,560	3,229	3,690	4,695
SHAN STATE	8,873	9,063	7,752	8,039	7,772	8,375	10,953
Convicts	8,530	8,859	7,354	7,676	7,311	7,972	10,297
Undertrials	343	204	398	363	461	403	656
AYEYARWADY REGION	5,805	4,074	3,835	4,202	3,359	4,123	4,659
Convicts	5,539	3,843	3,381	3,754	2,880	3,555	3,930
Undertrials	266	231	454	448	479	568	729
NAY PYI TAW							
Convicts	-	-	-	-	-	-	-
Undertrials	-	-	-	-	-	-	-

Note: Convicts include prisoners detained in yebet camps.

Source: Prison Department.

METHODOLOGY SHEET | **Traffic accidents**

Responsible Unit (Service or Structure)	Myanmar Police Force
Level of Disaggregation	Union, States and Regions
Study Variables	Type and causes of accidents by Region and State and deaths and injured persons
Classification Variables	Motor vehicles, Motor vehicles and slow moving vehicles, Motor vehicles and pedestrians, Motor vehicles and animals, Motor vehicles and others
Type of Dissemination	Publication (Book form and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Number of accidents, Casualties, Fatalities
Tables	4.10, 4.11, 4.12, 4.13,4.14,4.15,4.16,4.17

TABLE 4.10 TYPES OF TRAFFIC ACCIDENTS
Years 2010, 2012-2016, absolute values

States and Regions	Year	Type of accidents					Total
		Motor vehicles	Motor vehicles and slow moving vehicles	Motor vehicles and pedestrians	Motor vehicles and animals	Motor vehicles and others	
UNION	2010	2,687	1,002	1,894	-	3,437	9,020
	2012	5,362	1,324	2,167	66	2,756	11,675
	2013	7,635	922	2,146	35	3,174	13,912
	2014	5,677	846	2,468	43	5,963	14,997
	2015	7,138	1,489	2,817	168	4,065	15,677
	2016	10,011	550	1,720	73	5,030	17,384
Kachin State	2010	219	30	112	-	68	429
	2012	155	16	53	-	89	313
	2013	103	4	45	5	192	349
	2014	261	41	55	3	92	452
	2015	99	39	62	2	331	533
	2016	290	12	90	4	91	487
Kayah State	2010	8	1	6	-	18	33
	2012	49	1	3	-	12	65
	2013	56	2	11	1	45	115
	2014	76	5	12	-	41	134
	2015	79	15	13	-	3	110
	2016	81	3	13	-	5	102
Kayin State	2010	111	16	17	-	50	194
	2012	133	19	57	-	121	330
	2013	124	5	7	-	271	407
	2014	256	32	37	2	60	387
	2015	349	15	47	-	64	475
	2016	329	3	20	1	80	433
Chin State	2010	8	-	8	-	26	42
	2012	25	-	13	-	37	75
	2013	30	-	9	-	29	68
	2014	31	1	8	-	42	82
	2015	43	1	14	-	57	115
	2016	17	1	11	-	41	70
Sagaing Region	2010	255	131	122	-	290	798
	2012	661	275	97	23	76	1,132
	2013	1,227	105	35	5	37	1,409
	2014	978	66	82	2	446	1,574
	2015	756	138	167	24	399	1,484
	2016	783	44	239	21	554	1,641
Tanintharyi Region	2010	79	5	43	-	55	182
	2012	141	18	48	-	103	310
	2013	224	16	56	-	117	413
	2014	140	18	52	10	100	320
	2015	186	4	43	4	108	345
	2016	261	45	58	3	134	501
Bago Region	2010	475	291	364	-	392	1,522
	2012	295	195	378	28	588	1,484
	2013	943	48	70	9	479	1,549
	2014	427	119	112	-	992	1,650
	2015	980	181	376	5	499	2,041
	2016	1344	201	335	6	572	2458

TABLE 4.10 TYPES OF TRAFFIC ACCIDENTS (concl'd)
Years 2010, 2012-2016, absolute values

States and Regions	Year	Type of accidents					Total
		Motor vehicles	Motor vehicles and slow moving vehicles	Motor vehicles and pedestrians	Motor vehicles and animals	Motor vehicles and others	
Magway Region	2010	98	47	104	-	224	473
	2012	478	102	137	-	126	843
	2013	743	59	219	3	62	1,086
	2014	478	75	167	4	586	1,310
	2015	1,084	101	127	21	298	1,631
	2016	1,397	27	7	5	55	1,491
Mandalay Region	2010	676	87	174	-	832	1,769
	2012	1,237	167	231	11	690	2,336
	2013	1,178	129	311	8	769	2,395
	2014	395	22	408	16	1,593	2,434
	2015	860	494	616	99	367	2,436
	2016	1,883	32	49	4	414	2,382
Mon State	2010	107	25	55	-	153	340
	2012	356	22	72	-	95	545
	2013	491	32	59	-	57	639
	2014	245	28	104	-	309	686
	2015	240	106	122	2	175	645
	2016	56	24	47	-	667	794
Rakhine State	2010	59	7	53	-	140	259
	2012	55	22	51	-	88	216
	2013	235	24	15	-	2	276
	2014	110	25	61	1	132	329
	2015	123	23	48	-	147	341
	2016	302	7	45	-	50	404
Yangon Region	2010	441	270	589	-	378	1,678
	2012	962	206	692	-	302	2,162
	2013	1,115	320	976	-	568	2,979
	2014	1,252	277	926	-	553	3,008
	2015	1,258	199	862	-	405	2,724
	2016	1,133	21	323	-	1,404	2,881
Shan State	2010	73	7	123	-	574	777
	2012	701	64	145	2	194	1,106
	2013	774	69	116	1	180	1,140
	2014	789	30	132	2	225	1,178
	2015	710	35	130	10	182	1,067
	2016	663	8	122	2	381	1,176
Ayeyarwady Region	2010	78	85	124	-	237	524
	2012	114	217	190	2	235	758
	2013	392	109	217	3	366	1,087
	2014	239	107	312	3	792	1,453
	2015	371	138	190	1	1,030	1,730
	2016	1,052	116	317	26	444	1,955
Nay pyi Taw	2010	-	-	-	-	-	-
	2012	-	-	-	-	-	-
	2013	-	-	-	-	-	-
	2014	-	-	-	-	-	-
	2015	-	-	-	-	-	-
	2016	420	6	44	1	138	609

Source: Myanmar Police Force.

TABLE 4.11 CAUSES OF TRAFFIC ACCIDENTS
Years 2010, 2012-2016, absolute values

States and Regions	Year	Causes of accidents					Others	Total
		Driver's carelessness	Motor vehicles defect	Road defect	Violation of Traffic Rules			
					Passengers	Pedestrians		
UNION TOTAL	2010	6,509	483	102	505	524	897	9,020
	2012	7,876	520	195	997	722	1,365	11,675
	2013	9,306	408	241	1,094	900	1,963	13,912
	2014	12,366	381	150	148	819	1,133	14,997
	2015	10,305	763	303	247	919	3,140	15,677
	2016	13,539	439	93	247	752	2,314	17,384
Kachin State	2010	388	39	2	-	-	-	429
	2012	236	9	10	37	6	15	313
	2013	245	-	3	-	-	101	349
	2014	351	34	21	-	23	23	452
	2015	278	37	10	5	11	192	533
	2016	416	27	19	-	16	30	508
Kayah State	2010	24	4	-	-	2	3	33
	2012	60	4	1	-	-	-	65
	2013	48	6	2	42	-	17	115
	2014	69	31	10	5	7	12	134
	2015	82	4	-	4	7	13	110
	2016	78	2	-	-	-	1	81
Kayin State	2010	184	4	2	-	4	-	194
	2012	287	13	7	7	8	8	330
	2013	347	10	15	5	5	25	407
	2014	299	14	30	3	31	10	387
	2015	323	4	1	-	23	124	475
	2016	380	6	12	1	8	26	433
Chin State	2010	20	12	3	1	6	-	42
	2012	62	4	4	2	3	-	75
	2013	56	3	-	4	5	-	68
	2014	39	6	20	2	-	15	82
	2015	104	8	3	-	-	-	115
	2016	54	7	3	-	-	6	70
Sagaing Region	2010	294	128	24	209	66	77	798
	2012	422	78	21	417	49	145	1,132
	2013	1,009	29	63	189	18	101	1,409
	2014	1,382	26	22	9	28	107	1,574
	2015	960	45	66	8	83	322	1,484
	2016	1,493	84	2	17	44	1	1,641
Tanintharyi Region	2010	134	13	8	5	13	9	182
	2012	200	9	5	50	36	10	310
	2013	191	18	31	137	14	22	413
	2014	238	5	5	2	50	20	320
	2015	240	9	8	6	20	62	345
	2016	228	32	22	10	54	155	501
Bago Region	2010	1,251	78	31	36	53	73	1,522
	2012	1,059	83	56	27	65	194	1,484
	2013	1,074	20	5	28	14	408	1,549
	2014	1,494	44	3	5	59	45	1,650
	2015	1,724	101	93	20	21	82	2,041
	2016	2,294	8	-	92	21	43	2,458

TABLE 4.11 CAUSES OF TRAFFIC ACCIDENTS (concl'd)
Years 2010, 2012-2016, absolute values

States and Regions	Year	Causes of accidents					Others	Total
		Driver's carelessness	Motor vehicles defect	Road defect	Violation of Traffic Rules			
					Passengers	Pedestrians		
Magway Region	2010	426	18	1	27	-	1	473
	2012	717	30	15	48	22	11	843
	2013	679	45	19	209	69	65	1,086
	2014	1,128	29	6	6	57	84	1,310
	2015	1,218	39	32	51	48	243	1,631
	2016	1,419	33	12	-	-	27	1,491
Mandalay Region	2010	1,554	18	8	98	52	39	1,769
	2012	1,950	106	26	81	50	123	2,336
	2013	1,757	102	18	178	91	249	2,395
	2014	2,107	12	1	17	94	203	2,434
	2015	993	353	55	52	270	713	2,436
	2016	2,288	25	-	11	50	8	2,382
Mon State	2010	227	17	6	23	25	42	340
	2012	423	8	1	2	4	107	545
	2013	246	25	24	179	68	97	639
	2014	562	63	-	-	-	61	686
	2015	589	16	-	4	13	23	645
	2016	658	97	8	-	30	1	794
Rakhine State	2010	250	9	-	-	-	-	259
	2012	158	10	7	15	14	12	216
	2013	205	42	20	-	8	1	276
	2014	279	14	3	4	5	24	329
	2015	192	24	10	5	19	91	341
	2016	383	1	-	-	20	-	404
Yangon Region	2010	933	45	-	60	251	389	1,678
	2012	1,068	97	16	276	430	275	2,162
	2013	2,098	19	2	94	525	241	2,979
	2014	2,229	18	3	41	405	312	3,008
	2015	1,721	4	-	64	349	586	2,724
	2016	1,154	2	-	89	323	1,313	2,881
Shan State	2010	595	84	5	19	23	51	777
	2012	721	62	20	24	19	260	1,106
	2013	305	82	36	16	67	634	1,140
	2014	849	68	17	20	18	206	1,178
	2015	818	46	9	17	30	147	1,067
	2016	492	79	9	-	73	523	1,176
Ayeyarwady Region	2010	229	14	12	27	29	213	524
	2012	513	7	6	11	16	205	758
	2013	1,046	7	3	13	16	2	1,087
	2014	1,340	17	9	34	42	11	1,453
	2015	1,063	73	16	11	25	542	1,730
	2016	1,719	35	6	26	113	56	1,955
Nay Pyi Taw	2010	-	-	-	-	-	-	-
	2012	-	-	-	-	-	-	-
	2013	-	-	-	-	-	-	-
	2014	-	-	-	-	-	-	-
	2015	-	-	-	-	-	-	-
	2016	483	1	-	1	-	124	609

Source: Myanmar Police Force.

TABLE 4.12 ROAD ACCIDENTS

Years 2005, 2010, 2012-2016, absolute values

Year	Road accidents (cases)	Deaths (persons)			Injuries(persons)						Total		
		Total	Male	Female	Serious			Slight			killed+injured		
					Total	Male	Female	Total	Male	Female	Total	Male	Female
2005	5,755	1,283	912	371	4,899	3,263	1,636	4,721	3,090	1,631	10,903	7,265	3,638
2010	9,020	2,461	1,909	552	9,515	6,632	2,883	6,498	4,130	2,368	18,474	12,671	5,803
2012	11,675	3,422	2,702	720	11,861	8,386	3,475	7,823	5,527	2,296	23,106	16,615	6,491
2013	13,912	3,721	2,962	759	10,642	7,391	3,251	12,736	9,070	3,666	27,099	19,423	7,676
2014	14,997	4,144	3,314	830	11,092	7,847	3,245	10,992	7,277	3,715	26,228	18,438	7,790
2015	15,677	5,037	3,941	1,096	14,122	10,220	3,902	11,490	8,103	3,387	30,649	22,264	8,385
2016	17,384	4,887	4,016	871	11,619	8,665	2,954	16,144	12,097	4,047	32,650	24,778	7,872

Source: Myanmar Police Force.

TABLE 4.13 CASUALTIES ROAD USER CLASS, DEGREE OF CASUALTY
Year 2016/2017, absolute values

Road user class	Degree of casualty									
	Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
CONTROLLER										
Driver										
Car	786	104	970	382	493	282	930	231	3179	999
Light truck	711	70	924	336	455	175	706	220	2796	801
Heavy rigid truck	304	48	799	145	284	154	600	89	1987	436
Articulated truck	92	23	506	114	207	101	633	198	1438	436
Bus	173	80	845	284	384	182	711	195	2113	741
Other motor vehicle	91	19	73	98	102	24	213	37	479	178
Sub-total	2157	344	4117	1359	1925	918	3793	970	11992	3591
Motorcycle rider	751	153	1409	475	864	291	1069	409	4093	1328
Pedal cycle rider	31	5	19	6	19	5	11	4	80	20
Other/Unknown	82	26	92	52	178	50	156	20	508	148
CONTROLLER										
Sub-total	864	184	1520	533	1061	346	1236	433	4681	1796
PASSENGER										
Car	84	50	451	180	210	131	240	95	985	456
Light truck	105	35	325	162	187	109	254	106	871	412
Heavy rigid truck	93	29	358	114	159	91	262	35	872	269
Articulated truck	42	15	102	30	142	38	96	28	382	111
Bus	128	48	258	70	124	18	608	121	1118	257
Other motor vehicle	59	18	184	65	64	19	28	8	335	110
Sub-total	511	195	1678	621	886	406	1488	393	4653	1615
Motorcycle	371	125	1191	398	622	241	983	306	3167	1070
Pedal cycle	13	2	14	3	6	2	5	1	38	8
Other/Unknown	40	8	105	30	27	2	17	16	189	56
PASSENGER										
Sub-total	424	135	1310	431	655	245	1005	323	3394	1134
PEDESTRIAN										
Sub-total	60	13	40	10	25	7	23	6	148	36
CASUALTIES:										
TOTAL	4016	871	8665	2954	4552	1922	7545	2125	24778	7872

Source: Myanmar Police Force.

TABLE 4.14 FATALITIES
Year 2016/2017, absolute values

Road user class	Age (years)	Degree of Fatality										
		Killed		Seriously injured		Moderately injured		Minor/Other injured		Total kills & injured		
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Driver	5-16	14	-	4	10	9	5	168	32	195	47	
	17-20	60	19	167	59	123	35	250	85	600	198	
	21-25	110	41	169	102	96	67	200	64	575	274	
	26-29	100	28	186	97	89	75	156	40	531	240	
	30-39	97	23	145	86	87	58	148	21	477	188	
	40-49	101	10	152	79	67	45	101	19	421	153	
	50-59	89	15	270	24	56	30	98	10	513	79	
	60-69	24	1	21	2	24	2	15	-	84	5	
Passenger	0-4	7	12	18	5	14	-	2	-	41	17	
	5-16	125	18	301	135	115	23	320	6	861	182	
	17-20	230	38	449	197	261	96	610	123	1550	454	
	21-25	220	74	450	161	258	132	541	145	1469	512	
	26-29	189	29	491	172	226	123	425	97	1331	421	
	30-39	166	70	424	112	121	99	213	95	924	376	
	40-49	100	21	373	80	162	81	52	91	687	273	
	50-59	44	15	95	52	103	32	52	41	294	140	
	60-69	25	5	25	21	36	3	1	6	87	35	
	/U+	-	-	-	-	1	-	-	-	1	-	
	Unknown	2	1	2	-	-	1	-	-	4	2	
Pedestrian	0-4	1	-	-	-	-	1	-	-	1	1	
	5-16	9	2	3	1	1	-	2	-	15	3	
	17-20	7	2	8	1	3	1	1	-	19	4	
	21-25	11	1	9	1	2	-	3	1	25	3	
	26-29	8	2	10	1	2	-	2	1	22	4	
	30-39	11	2	2	1	3	1	4	1	20	5	
	40-49	6	2	3	2	5	1	2	-	16	5	
	50-59	5	1	3	2	6	1	6	1	20	5	
	60-69	2	1	1	1	3	2	3	2	9	6	
	Unknown	-	-	1	-	-	-	-	-	1	-	
Motor cyclist	5-16	201	56	301	160	116	54	245	4	863	274	
	17-20	135	65	495	192	329	98	456	120	1415	475	
	21-25	152	45	480	142	364	102	550	135	1546	424	
	26-29	154	28	320	100	145	96	480	110	1099	334	
	30-39	165	50	485	95	220	76	240	189	1110	410	
	40-49	150	20	261	100	187	82	76	101	674	303	
	50-59	142	10	172	52	102	14	5	54	421	130	
	60-69	12	1	86	32	23	10	-	2	121	45	
	Unknown	11	3	-	-	-	-	-	-	11	3	
	Pedal cyclist	5-16	6	1	4	1	3	1	1	-	14	3
17-20		8	2	4	1	3	2	5	1	20	6	
21-25		4	1	5	2	2	1	4	1	15	5	
26-29		9	-	3	1	5	-	3	-	20	1	
30-39		8	1	7	1	4	1	2	1	21	4	
40-49		3	-	6	2	2	-	1	-	12	2	
50-59		6	1	2	1	4	1	-	1	12	4	
60-69		-	1	2	-	2	1	-	1	4	3	
Unknown		1	1	2	-	-	2	-	1	3	4	
Other	5-16	3	54	230	65	135	51	2	55	370	225	
	17-20	61	10	394	102	185	78	320	66	960	256	
	21-25	254	45	283	98	154	85	510	87	1201	315	
	26-29	205	13	273	130	165	92	527	121	1170	356	
	30-39	210	14	396	110	189	85	425	95	1220	304	
	40-49	202	10	364	95	164	65	213	51	943	221	
	50-59	96	4	245	68	165	10	52	36	558	118	
	60-69	54	2	63	-	-	1	52	10	169	13	
	/U+	1	-	-	-	11	-	1	-	13	-	
	Unknown	-	-	-	-	-	-	-	2	-	2	
	Total	0-4	9	13	20	5	14	3	2	1	45	22
		5-16	358	131	843	372	379	134	738	97	2318	734
		17-20	501	136	1517	552	904	310	1642	395	4564	1393
21-25		751	207	1396	506	876	387	1808	433	4831	1533	
26-29		665	100	1283	500	632	386	1593	369	4173	1356	
30-39		657	160	1459	405	624	320	1032	402	3772	1287	
40-49		562	63	1159	358	587	274	445	262	2753	957	
50-59		382	46	787	199	436	88	213	143	1818	476	
60-69		117	11	198	56	88	19	71	21	474	107	
/U+		1	-	-	-	12	-	1	-	14	-	
Unknown		13	4	3	-	-	1	-	2	16	7	

Source: Myanmar Police Force.

TABLE 4.15 FATALITIES BY STATES AND REGIONS
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities									
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
KACHIN STATE	Driver	5-16	2	-	-	-	1	-	-	-	3	-
		17-20	6	-	9	1	5	-	2	1	22	2
		21-25	5	2	3	1	4	-	3	2	15	5
		26-29	2	-	3	1	-	2	2	-	7	3
		30-39	2	-	5	-	-	-	5	-	12	-
		40-49	-	-	1	-	-	-	3	-	4	-
		50-59	1	-	-	-	-	-	-	-	1	-
	Passenger	5-16	-	-	1	-	-	-	-	-	1	-
		17-20	3	-	8	-	-	-	-	-	11	-
		21-25	9	2	10	3	8	-	6	-	33	5
		26-29	5	-	13	3	3	-	5	4	26	7
		30-39	3	-	6	3	10	-	11	2	30	5
		40-49	-	-	3	-	-	2	-	-	4	2
		50-59	-	-	-	-	-	2	5	-	5	2
	Pedestrian	5-16	2	-	-	-	-	-	-	1	2	-
		17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	-	-	-	-	-	-	-	-
		26-29	-	-	-	-	-	-	-	-	-	-
		30-39	-	-	-	-	-	-	-	-	-	-
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	-	-	-	-	2	-	-	-	2	-
	Motor cyclist	5-16	6	-	7	12	-	-	19	-	32	12
		17-20	4	3	23	11	26	1	14	7	67	22
		21-25	5	-	12	12	9	2	28	7	54	21
		26-29	11	-	6	3	-	-	22	-	39	3
		30-39	-	4	12	-	-	-	-	-	12	4
		40-49	5	-	3	-	3	-	6	6	17	6
		50-59	10	-	5	5	-	-	-	-	15	5
	Pedal cyclist	5-16	1	1	-	1	-	-	-	2	1	4
		17-20	3	-	2	-	2	1	3	-	10	1
21-25		1	-	-	2	1	-	-	-	2	2	
26-29		-	-	-	-	-	-	-	-	-	-	
30-39		-	-	-	-	-	-	-	-	-	-	
40-49		-	-	-	-	-	-	-	-	-	-	
50-59		-	-	-	-	-	-	-	-	-	-	
Other	5-16	-	12	29	-	-	-	-	-	29	12	
	17-20	2	-	43	6	4	-	-	-	49	6	
	21-25	19	2	19	10	8	3	38	-	84	15	
	26-29	9	2	31	-	10	1	51	17	101	20	
	30-39	-	-	20	5	-	-	10	5	30	10	
	40-49	12	-	22	-	-	-	10	5	44	5	
	50-59	-	-	23	-	-	-	9	-	32	-	
60-69	-	-	-	-	-	-	2	-	2	-		

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
SAGAING REGION	Driver	5-16	1	-	-	-	-	-	21	3	22	3	
		17-20	4	-	11	5	2	1	17	10	34	16	
		21-25	7	4	15	10	4		30	9	56	23	
		26-29	11	2	29	2	1	1	13	8	54	13	
		30-39	6	3	16	7	1	-	24		47	10	
		40-49	5	-	11	1	-	-	14	4	30	5	
		50-59	1	-	9	1	-	-	11	1	21	2	
	Passenger	60-69	-	-	5	-	2	-	5	-	12	-	
		0-4	1	-	10	-	1	-	1	-	13	-	
		5-16	3	-	9	4	2	1	7	1	21	6	
		17-20	19	-	24	4	7	-	49	41	99	45	
		21-25	18	2	31	12	5	2	24	20	78	36	
		26-29	21	2	55	20	10	-	65	30	151	52	
		30-39	14	3	27	16	3	4	40	6	84	29	
		40-49	20	2	43	8	2	-	2	19	67	29	
		50-59	2	2	12	11	4	1	5	14	23	28	
		60-69	3	-	3	6	1	-	-	1	7	7	
		Pedestrian	5-16	-	-	-	-	-	-	-	-	-	-
			17-20	-	-	-	-	-	-	-	-	-	-
			21-25	-	-	-	-	-	-	-	-	-	-
			26-29	-	-	-	-	-	-	-	-	-	-
			30-39	-	-	-	-	-	-	-	-	-	-
	40-49		-	-	-	-	-	-	-	-	-	-	
	50-59		-	-	-	-	-	-	-	-	-	-	
	Motor cyclist	60-69	-	-	-	-	-	-	-	-	-	-	
		5-16	-	-	30	-	-	-	-	-	30	-	
		17-20	2	2	57	61	10	4	76	34	145	101	
		21-25	10	2	41	19	9	7	72	25	132	53	
		26-29	14	4	55	17	18	3	85	21	172	45	
		30-39	36	2	53	4	10	1	40	39	139	46	
		40-49	6	4	29	13	5	-	2	7	42	24	
	Pedal cyclist	50-59	19	3	35	-	1	-	-	-	55	3	
		60-69	5	-	11	-	-	-	-	-	16	-	
		5-16	-	-	-	-	-	-	-	-	-	-	
		17-20	-	-	-	-	-	-	-	-	-	-	
		21-25	-	-	-	-	-	-	-	-	-	-	
		26-29	-	-	-	-	-	-	-	-	-	-	
		30-39	-	-	-	-	-	-	-	-	-	-	
	Other	40-49	-	-	-	-	-	-	-	-	-	-	
		50-59	2	-	1	-	-	-	-	-	3	-	
		60-69	-	-	-	-	-	-	-	-	-	-	
		5-16	-	-	10		12	-	-	10	22	10	
17-20		3	-	30	9	11	3	42	34	86	46		
21-25		17	9	41	4	5	4	51	31	114	48		
26-29		21	2	37	12	7	2	65	24	130	40		
Other	30-39	10	1	41	3	5	4	36	30	92	38		
	40-49	20	-	30	14	22	2	29	9	101	25		
	50-59	16	-	38	12	44	1	3	11	101	24		
	60-69	12	-	4	-	-	-	8	1	24	1		

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
TANINTHAR YI REGION	Driver	5,-16	5	-	1	4	4	1	6	1	16	6	
		17-20	5	3	9	2	9	2	8	2	31	9	
		21-25	4	3	9	4	7	1	9	5	29	13	
		26-29	-	2	-	-	-	-	-	-	-	-	2
		30-39	-	-	-	-	-	-	-	-	-	-	-
		40-49	5	-	15	3	10	2	11	1	41	6	
	Passenger	50-59	7	2	7	2	6	1	9	-	29	5	
		60-69	-	-	-	-	-	-	-	-	-	-	
		0-4	-	-	2	3	-	-	-	-	2	3	
		5,-16	5	3	9	3	8	4	6	-	28	10	
		17-20	19	2	11	5	15	6	15	3	60	16	
		21-25	8	4	16	2	13	7	22	4	59	17	
		26-29	-	-	-	-	-	-	-	-	-	-	
		30-39	-	-	-	-	-	-	-	-	-	-	
		40-49	11	1	21	4	14	7	4	2	50	14	
		50-59	8	1	10	1	15	4	6	2	39	8	
		60-69	-	-	-	-	-	-	-	-	-	-	
		Pedestrian	5,-16	-	-	-	-	-	-	-	-	-	-
			17-20	-	-	-	-	-	-	-	-	-	-
			21-25	-	-	-	-	-	-	-	-	-	-
			26-29	-	-	-	-	-	-	-	-	-	-
			30-39	-	-	-	-	-	-	-	-	-	-
			40-49	-	-	-	-	-	-	-	-	-	-
		Motor cyclist	50-59	-	-	-	-	-	-	-	-	-	-
	60-69		-	-	-	-	-	-	-	-	-	-	
	5,-16		5	2	10	12	15	5	16	-	46	19	
	17-20		2	2	20	11	10	7	20	4	52	24	
	21-25		15	2	20	5	20	5	25	12	80	24	
	26-29		-	-	-	-	-	-	-	-	-	-	
	30-39		-	-	-	-	-	-	-	-	-	-	
	40-49		4	3	25	14	15	20	2	5	46	42	
	50-59	14	2	10	13	25	8	1	5	50	28		
	Pedal cyclist	60-69	-	-	-	-	-	-	-	-	-	-	
		5,-16	-	-	-	-	-	-	-	-	-	-	
		17-20	-	-	-	-	-	-	-	-	-	-	
		21-25	-	-	-	-	-	-	-	-	-	-	
		26-29	-	-	-	-	-	-	-	-	-	-	
		30-39	-	-	-	-	-	-	-	-	-	-	
		40-49	-	-	-	-	-	-	-	-	-	-	
		50-59	-	-	-	-	-	-	-	-	-	-	
		60-69	-	-	-	-	-	-	-	-	-	-	
		Other	0-4	1	-	-	-	-	-	-	-	1	-
5,-16	1		11	15	12	-	12	-	2	16	37		
17-20	2		2	20	6	11	3	14	3	47	14		
21-25	15		2	5	2	1	2	37	1	58	7		
26-29	10		-	-	-	-	-	-	-	10	-		
30-39	-		-	-	-	-	-	-	-	-	-		
40-49	16		1	20	14	-	3	4	4	40	22		
50-59	10		-	30	14	1	1	8	10	49	25		
60-69	-		-	-	-	-	-	-	-	-	-		
70+	-		-	-	-	10	-	-	-	10	-		

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities									
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
MAGWAY REGION	Driver	5-16	2	-	1	2	-	-	19	8	22	10
		17-20	-	-	14	-	-	-	10	9	24	9
		21-25	9	-	-	-	-	-	10	7	19	7
		26-29	11	2	19	11	-	-	14	6	44	19
		30-39	8	2	18	12	-	-	7	6	33	20
		40-49	-	-	15	12	-	-	13	8	28	20
		50-59	5	1	15	6	-	-	16	-	36	7
		60-69	5	-	3	-	-	-	3	-	11	-
	Passenger	0-4	1	-	-	-	-	-	-	-	1	-
		5-16	10	2	35	12	-	-	25	1	70	15
		17-20	19	3	36	15	-	-	29	11	84	29
		21-25	11	2	37	14	-	-	31	15	79	31
		26-29	8	1	35	13	-	-	27	8	70	22
		30-39	7	1	38	11	-	-	28	10	73	22
		40-49	7	1	29	16	-	-	3	14	39	31
		50-59	7	-	15	17	-	-	8	4	30	21
	Pedestrian	5-16	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	-	-	-	-	-	-	-	-
		26-29	-	-	-	-	-	-	-	-	-	-
		30-39	6	-	-	-	-	-	-	-	6	-
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	-	-	-	-	-	-	-	-	-	-
		60-69	-	-	-	-	-	-	-	-	-	-
	Motor Cyclist	5-16	9	2	58	22	-	-	52	-	119	24
		17-20	13	9	47	15	16	-	53	16	129	40
		21-25	12	3	50	17	-	-	55	16	117	36
		26-29	9	4	43	14	-	-	67	15	119	33
		30-39	6	3	51	5	-	-	26	12	83	20
		40-49	8	2	25	22	-	-	9	13	42	37
		50-59	17	1	42	15	-	-	1	14	60	30
		60-69	5	1	32	16	8	-	-	-	45	17
	Pedal cyclist	5-16	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	-	-	-	-	-	-	-	-
		26-29	-	-	-	-	-	-	-	-	-	-
		30-39	-	-	-	-	-	-	-	-	-	-
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	-	-	-	-	-	-	-	-	-	-
		60-69	-	-	-	-	-	-	-	-	-	-
	Other	5-16	-	11	29	11	-	-	-	19	29	41
		17-20	5	2	44	12	-	-	27	10	76	24
21-25		14	2	31	11	-	-	55	10	100	23	
26-29		7	1	33	13	-	-	33	11	73	25	
30-39		6	1	30	12	-	-	14	10	50	23	
40-49		15	2	38	10	-	-	14	8	67	20	
50-59		5	1	36	19	-	-	3	7	44	27	
60-69		4	-	32	-	-	-	7	5	43	5	

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
MANDALAY REGION	Driver	5,-16	1	-	-	-	-	-	20	10	21	10	
		17-20	-	8	13	-	8	5	19	10	40	23	
		21-25	10	8	10	3	18	12	15	5	53	28	
		26-29	5	3	7	12	20	18	17	15	49	48	
		30-39	8	7	1	9	19	10	5	1	33	27	
		40-49	31	3	19	10	18	6	10	-	78	19	
		50-59	5	5	11	-	12	27	1	-	29	32	
		60-69	-	-	-	-	2	-	-	-	2	-	
		Passenger	0-4	3	-	3	-	4	-	-	-	10	-
			5,-16	15	-	47	24	13	1	62	-	137	25
	17-20		-	4	77	39	132	44	169	19	378	106	
	21-25		57	10	51	14	75	47	125	35	306	106	
	26-29		35	-	20	15	65	38	105	10	225	63	
	30-39		8	17	14	4	6	14	10	7	38	42	
	40-49		1	2	28	3	30	5	2	2	61	12	
	50-59		-	-	13	5	-	-	5	1	18	6	
	60-69		3	-	-	-	-	-	-	-	3	-	
	Unknown		-	-	-	-	-	1	-	-	-	1	
	Pedestrian	0-4	1	-	-	-	-	1	-	-	1	1	
		5,-16	-	-	1	-	-	-	1	-	2	-	
		17-20	1	-	2	-	-	-	-	-	3	-	
		21-25	-	-	-	-	-	-	-	-	-	-	
		26-29	6	2	5	-	-	-	-	-	11	2	
		30-39	-	-	-	-	-	-	-	-	-	-	
		40-49	1	-	-	-	-	-	-	-	1	-	
		50-59	-	-	1	-	2	1	4	1	7	2	
		60-69	1	-	-	1	1	1	1	-	3	2	
		Unknown	-	-	1	-	-	-	-	-	1	-	
	Motor cyclist	5,-16	35	20	20	32	-	13	30	-	85	65	
		17-20	19	8	58	9	30	-	71	10	178	27	
		21-25	21	5	34	7	151	23	95	13	301	48	
		26-29	32	3	30	9	28	18	57	21	147	51	
		30-39	24	12	70	18	85	32	55	24	234	86	
		40-49	26	-	20	14	87	36	6	17	139	67	
		50-59	19	-	21	2	13	-	-	-	53	2	
		60-69	-	-	-	-	3	5	-	-	3	5	
		Unknown	11	3	-	-	-	-	-	-	11	3	
		Pedal cyclist	5,-16	2	-	-	1	1	-	1	-	4	1
	17-20		-	-	-	-	-	-	1	-	1	-	
	21-25		-	-	-	-	-	1	-	-	-	1	
	26-29		5	-	1	-	2	-	2	-	10	-	
	30-39		1	1	3	-	3	-	-	1	7	2	
	40-49		-	-	-	-	-	-	-	-	-	-	
	50-59		-	1	-	-	-	-	-	-	-	1	
	60-69		-	-	-	-	-	-	-	-	-	-	
	Other		5,-16	-	-	-	-	19	14	-	4	19	18
			17-20	7	-	24	-	28	39	40	1	99	40
21-25		13	2	24	10	27	25	81	10	145	47		
26-29		25	-	15	12	35	20	54	1	129	33		
30-39		68	1	20	10	59	14	31	-	178	25		
40-49		17	1	22	17	41	-	-	-	80	18		
50-59		11	-	-	-	20	-	-	1	31	1		
60-69		12	-	-	-	-	-	-	-	12	-		
Unknown	-	-	-	-	-	-	-	2	-	2			

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities										
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured		
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
MON STATE	Driver	5,-16	-	-	-	-	-	-	-	-	-	-	-
		17-20	6	-	19	5	12	1	9	2	46	8	
		21-25	11	3	9	7	6	5	7	4	33	19	
		26-29	3	1	10	4	3	4	4	-	20	9	
		30-39	1	-	8	8	4	3	6	3	19	14	
		40-49	1	2	12	8	5	1	6	1	24	12	
		50-59	2	-	7	3	1	1	-	3	10	7	
	60-69	-	-	-	-	-	-	-	-	-	-	-	
	Passenger	5,-16	5	3	34	6	3	1	2	1	44	11	
		17-20	31	5	41	12	12	7	7	9	91	33	
		21-25	13	4	47	8	8	3	11	8	79	23	
		26-29	12	2	28	4	15	4	8	6	63	16	
		30-39	11	3	15	17	9	5	6	6	41	31	
		40-49	13	1	8	4	6	2	4	2	31	9	
		50-59	7	2	6	3	11	2	7	2	31	9	
	60-69	3	-	4	1	4	2	-	1	11	4		
	Pedestrian	5,-16	-	-	-	-	-	-	-	-	-	-	
		17-20	-	-	-	-	-	-	-	-	-	-	
		21-25	-	-	-	-	-	-	-	-	-	-	
		26-29	-	-	-	-	-	-	-	-	-	-	
		30-39	1	-	1	-	-	-	-	-	2	-	
		40-49	1	-	2	-	2	-	-	-	5	-	
		50-59	-	-	2	-	-	-	-	-	2	-	
	60-69	-	-	-	-	-	-	-	-	-	-		
	Motor cyclist	5,-16	5	1	12	18	24	-	16	2	57	21	
		17-20	21	5	34	17	13	6	21	6	89	34	
		21-25	17	3	28	11	13	5	22	4	80	23	
		26-29	10	8	26	3	11	10	35	7	82	28	
		30-39	19	2	29	14	15	4	10	15	73	35	
		40-49	8	2	16	5	6	13	9	8	39	28	
		50-59	5	1	7	3	18	-	1	3	31	7	
	60-69	-	-	-	-	-	-	-	-	-	-		
	Pedal cyclist	5,-16	1	-	1	-	-	-	-	-	2	-	
		17-20	1	1	1	1	1	1	-	-	3	3	
		21-25	1	-	1	-	1	-	-	-	3	-	
		26-29	-	-	-	1	1	-	-	-	1	1	
		30-39	-	-	-	-	-	-	-	-	-	-	
		40-49	-	-	-	-	-	-	-	-	-	-	
		50-59	-	-	-	-	-	-	-	-	-	-	
	60-69	-	-	-	-	-	-	-	-	-	-		
	Other	5,-16	-	11	11	2	11	5	-	-	22	18	
		17-20	2	3	26	8	5	1	16	4	49	16	
21-25		19	2	23	6	4	2	27	3	73	13		
26-29		17	2	21	15	2	2	24	5	64	24		
30-39		5	1	14	4	2	1	15	2	36	8		
40-49		14	-	10	6	2	-	12	2	38	8		
50-59		3	-	19	12	-	-	7	-	29	12		
60-69	-	-	8	-	-	-	6	-	14	-			

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities									
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killsd & injured	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
YANGON REGION	Driver	5-16	3	-	-	4	4	4	55	5	62	13
		17-20	20	6	22	19	43	9	97	4	182	38
		21-25	9	4	14	30	25	26	77	5	125	65
		26-29	16	3	5	13	27	21	57	1	105	38
		30-39	24	5	1	11	8	32	45	3	78	51
		40-49	11	1	14	12	4	23	22	-	51	36
		50-59	43	1	68	7	2	-	32	5	145	13
	Passenger	60-69	9	1	2	-	6	2	1	-	18	3
		0-4	-	-	-	-	2	-	-	-	2	-
		5-16	34	1	68	31	42	10	92	1	236	43
		17-20	28	6	59	28	48	11	132	2	267	47
		21-25	24	17	67	13	67	14	119	4	277	48
		26-29	36	4	67	43	50	45	85	7	238	99
		30-39	41	12	55	15	18	38	42	8	156	73
	Pedestrian	40-49	2	1	49	24	28	37	4	3	83	65
		50-59	1	-	12	2	35	9	3	-	51	11
		60-69	1	-	3	1	10	-	-	-	14	1
		5-16	2	-	-	-	-	-	-	-	2	-
		17-20	5	2	3	1	3	1	-	-	11	4
		21-25	5	-	9	-	2	-	2	1	18	1
		26-29	2	-	5	1	2	-	1	-	10	1
	Motor cyclist	30-39	2	2	1	1	1	-	1	-	5	3
		40-49	1	1	-	1	-	-	-	-	1	2
		50-59	-	-	-	-	-	-	1	-	1	-
		60-69	-	-	1	-	1	1	-	1	2	2
		5-16	35	-	10	-	-	-	-	-	45	-
		17-20	-	-	20	-	11	-	5	-	36	-
		21-25	2	1	1	-	-	-	1	-	4	1
	Pedal cyclist	26-29	2	-	1	2	-	-	1	-	4	2
		30-39	1	-	-	1	-	-	-	-	1	1
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	-	-	-	-	-	-	-	-	-	-
		60-69	-	-	-	-	-	-	-	-	-	-
5-16		-	-	-	-	-	-	-	-	-	-	
17-20		-	-	-	-	-	-	-	-	-	-	
Other	21-25	-	-	-	-	-	-	-	-	-	-	
	26-29	-	-	-	-	-	-	-	-	-	-	
	30-39	1	-	-	-	-	-	-	-	1	-	
	40-49	-	-	-	-	-	-	-	-	-	-	
	50-59	-	-	-	-	-	-	-	-	-	-	
	60-69	-	-	-	-	-	-	-	-	-	-	
	5-16	-	5	21	3	10	10	-	-	31	18	
Other	17-20	1	1	37	17	28	9	46	-	112	27	
	21-25	14	3	26	15	45	13	87	-	172	31	
	26-29	45	2	45	8	52	31	91	-	233	41	
	30-39	38	1	40	9	36	39	86	-	200	49	
	40-49	33	1	52	7	30	38	78	-	193	46	
	50-59	8	1	19	5	55	1	9	1	91	8	
	60-69	9	-	5	-	-	-	4	1	18	1	

TABLE 4.15 FATALITIES BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities									
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Total killed & injured	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SHAN STATE	Driver	5,-16	-	-	-	-	-	-	10	-	10	-
		17-20	10	-	6	-	5	1	15	8	36	9
		21-25	10	1	23	7	5	-	10	4	48	12
		26-29	10	1	3	7	5	7	5	2	23	17
		30-39	-	2	-	2	8	4	12	1	20	9
		40-49	8	1	22	6	2	3	-	-	32	10
		50-59	12	2	6	1	9	-	-	-	27	3
		60-69	-	-	-	-	6	-	-	-	6	-
		Passenger	5,-16	15	3	8	2	13	4	8	-	44
	17-20		33	-	10	5	12	15	9	1	64	21
	21-25		25	6	12	5	29	16	5	1	71	28
	26-29		11	1	13	4	28	3	-	-	52	8
	30-39		15	1	5	2	13	1	-	-	33	4
	40-49		18	4	13	2	10	2	10	6	51	14
	50-59		5	2	12	4	7	1	5	4	29	11
	60-69		3	1	8	4	3	-	-	1	14	6
	Pedestrian		5,-16	1	1	-	-	-	-	-	-	1
		17-20	1	-	-	-	-	-	1	-	2	-
		21-25	-	-	-	-	-	-	-	-	-	-
		26-29	-	-	-	-	-	-	-	1	-	1
		30-39	-	-	-	-	-	-	-	-	-	-
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	-	-	-	-	1	-	-	-	1	-
		60-69	1	-	-	-	-	-	-	-	1	-
		Motor cyclist	5,-16	18	5	20	19	25	9	30	-	93
	17-20		34	11	34	8	45	12	44	9	157	40
	21-25		21	4	39	9	32	23	23	5	115	41
	26-29		15	1	18	6	12	9	32	4	77	20
	30-39		10	1	19	5	7	1	9	13	45	20
	40-49		19	-	9	4	9	8	2	2	39	14
50-59	9		-	-	3	2	-	-	-	11	3	
60-69	1		-	-	2	-	-	-	-	1	2	
Pedal cyclist	5,-16		5	-	-	-	3	1	-	-	8	1
	17-20	2	1	-	-	-	-	-	1	2	2	
	21-25	2	-	1	-	-	-	2	1	5	1	
	26-29	-	-	-	-	-	-	-	-	-	-	
	30-39	-	-	-	-	-	-	-	-	-	-	
	40-49	1	-	-	-	2	-	-	-	3	-	
	50-59	-	-	-	-	-	-	-	-	-	-	
	60-69	-	-	-	-	-	-	-	-	-	-	
	Other	5,-16	-	2	34	6	32	8	-	5	66	22
17-20		24	1	27	9	23	5	18	3	92	18	
21-25		58	1	8	12	8	9	17	6	91	28	
26-29		17	2	23	11	11	8	39	23	90	44	
30-39		15	1	8	2	23	11	7	7	53	21	
40-49		8	1	25	3	36	12	21	3	90	19	
50-59		-	-	-	-	-	-	-	1	-	1	
60-69		2	1	3	-	-	1	2	1	7	3	
70+		-	-	-	-	1	-	1	-	2	-	

TABLE 4.15 FATALITIES BY STATES AND REGIONS (concl'd)
Year 2016/2017, absolute values

States and Regions	Road User Class	Age (years)	Degree of fatalities								Total kills & injured	
			Killed		Seriously injured		Moderately injured		Minor/Other injured		Male	Female
			Male	Female	Male	Female	Male	Female	Male	Female		
NAY PYI	Driver	5-16	-	-	-	-	-	-	10	-	10	-
		TAW	17-20	2	-	-	-	-	-	30	16	32
		21-25	5	-	3	1	-	-	8	2	16	3
		26-29	-	-	-	-	-	-	-	5	-	5
		30-39	5	1	8	2	-	-	32	-	45	3
		40-49	3	1	12	5	-	-	13	-	28	6
		50-59	7	1	6	-	-	-	18	-	31	1
		60-69	4	-	2	2	-	-	3	-	9	2
	Passenger	5-16	11	4	37	25	13	-	54	-	115	29
		17-20	18	5	31	19	13	2	73	13	135	39
		21-25	9	10	9	18	9	3	46	29	73	60
		26-29	9	1	26	12	1	-	5	4	41	17
		30-39	9	2	16	5	-	8	11	10	36	25
		40-49	1	3	55	8	9	15	9	15	74	41
		50-59	1	1	5	4	-	5	5	8	11	18
		60-69	5	2	2	2	-	-	-	-	7	4
	Pedestrian	5-16	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	-	-	-	-	-	-	-	-
		26-29	-	-	-	-	-	-	-	-	-	-
		30-39	2	-	-	-	2	1	3	1	7	2
		40-49	1	-	1	-	-	-	1	-	3	-
		50-59	1	-	-	-	-	-	-	-	1	-
		60-69	-	-	-	-	-	-	-	1	-	1
	Motor cyclist	5-16	36	10	30	-	-	10	20	-	86	20
		17-20	8	5	36	5	22	17	21	10	87	37
		21-25	10	1	35	3	-	-	75	13	120	17
		26-29	9	2	-	-	-	-	10	-	19	2
		30-39	6	5	14	4	-	-	30	19	50	28
		40-49	15	2	20	7	-	-	5	15	40	24
		50-59	7	2	7	-	13	-	1	15	28	17
		60-69	-	-	11	2	7	-	-	1	18	3
	Pedal cyclist	5-16	-	-	-	-	-	-	-	-	-	-
		17-20	-	-	-	-	-	-	-	-	-	-
		21-25	-	-	-	-	-	-	1	-	1	-
		26-29	1	-	-	-	-	-	1	-	2	-
		30-39	1	-	1	-	-	-	1	-	3	-
		40-49	-	-	-	-	-	-	-	-	-	-
		50-59	1	-	1	1	2	1	-	1	4	3
		60-69	-	-	-	-	-	1	-	1	-	2
	Other	0-4	-	1	1	-	-	2	-	-	1	3
		5-16	-	-	20	10	15	-	-	-	35	10
		17-20	-	-	-	-	5	5	10	-	15	5
		21-25	20	10	-	-	-	5	-	-	20	15
		26-29	3	1	6	4	-	-	26	21	35	26
		30-39	15	5	45	10	5	5	85	7	150	27
		40-49	30	2	29	7	-	1	25	4	84	14
		50-59	23	2	15	3	-	-	5	3	43	8
	60-69	-	-	-	-	-	-	-	-	-	-	

Source: Myanmar Police Force.

TABLE 4.16 CASUALTIES, TYPE OF CRASH, DEGREE OF CASUALTY
Year 2016/2017, absolute values

Type of crash	Degree of casualty				Total Killed & injured
	Killed	Seriously injured	Moderately injured	Minor/Other injured	
Car crash	1024	1983	1116	1496	5619
Light truck crash	921	1747	926	1286	4880
Heavy truck crash	474	1416	688	986	3564
Heavy rigid truck crash	-	-	-	-	-
Articulated truck crash	172	752	488	955	2367
Bus crash	429	1457	708	1635	4229
Emergency vehicle crash	187	420	268	286	1161
Motorcycle crash	1400	3473	2018	2767	9658
Pedal cycle crash	52	42	32	21	147
Pedestrian crash	73	50	32	29	184
Other/ Unknown	155	279	198	209	841
All types of crashes	4887	11619	6474	9670	32650

Note: Crash categories listed are those involving at least One traffic unit of that type.

Source: Myanmar Police Force.

TABLE 4.17 FATALITIES BY TYPES OF ROADS
Year 2016/2017, absolute values

Road Classification	Degree of Fatalities									
	Killed		Seriously injured		Moderately injured		Minor/Other injured		Total Killed & injured	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Freeway/ motorway	124	87	259	59	535	135	1012	170	1930	451
State highway	1240	265	3401	1279	1801	689	2014	883	8456	3116
Other classified road	2083	331	4004	1422	2092	976	2968	956	11147	3685
Unclassified road	569	188	1001	194	124	122	1551	116	3245	620
Total	4016	871	8665	2954	4552	1922	7545	2125	24778	7872

Source: Myanmar Police Force.



5

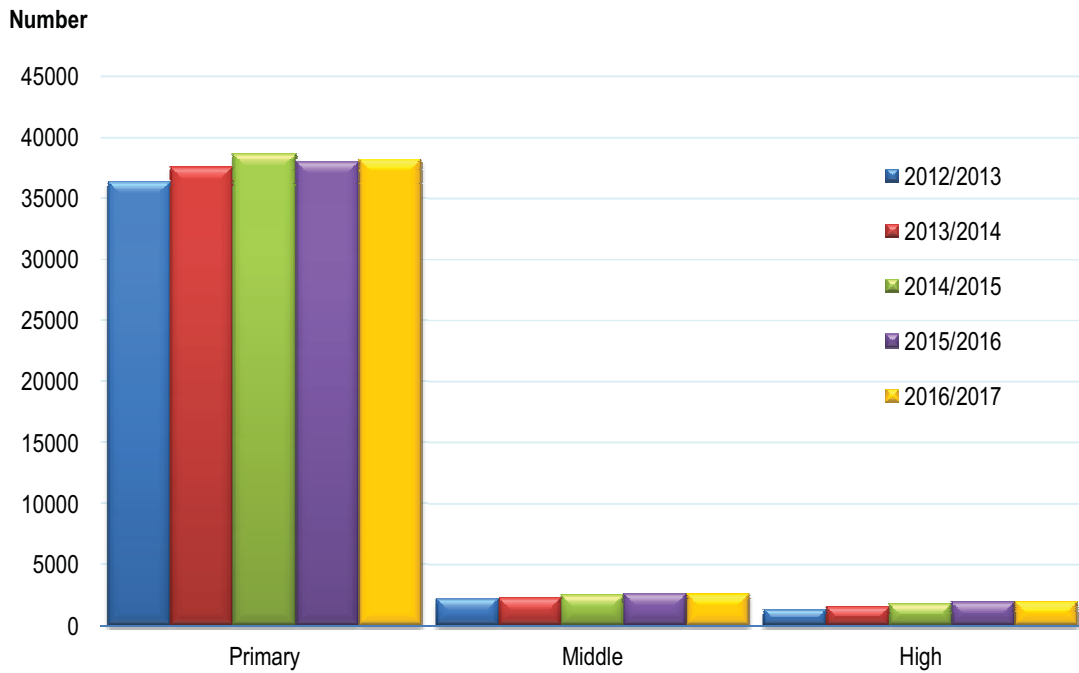
Education



The **official entry** age for primary education in Myanmar is **5 years**.
| **5,139,305 children** were currently attending Primary School in 2016-2017, **2,843,363 young students** attended Middle School and **925,410** High School. | In 2016-2017, for every 100 young students of the same age-group about **102** went in **Primary School**, **70** in **Middle** and **47** in **High school**. | **Pupil-teacher ratio** at the **primary level** was **23** and **secondary level** was **27** in 2016-2017.

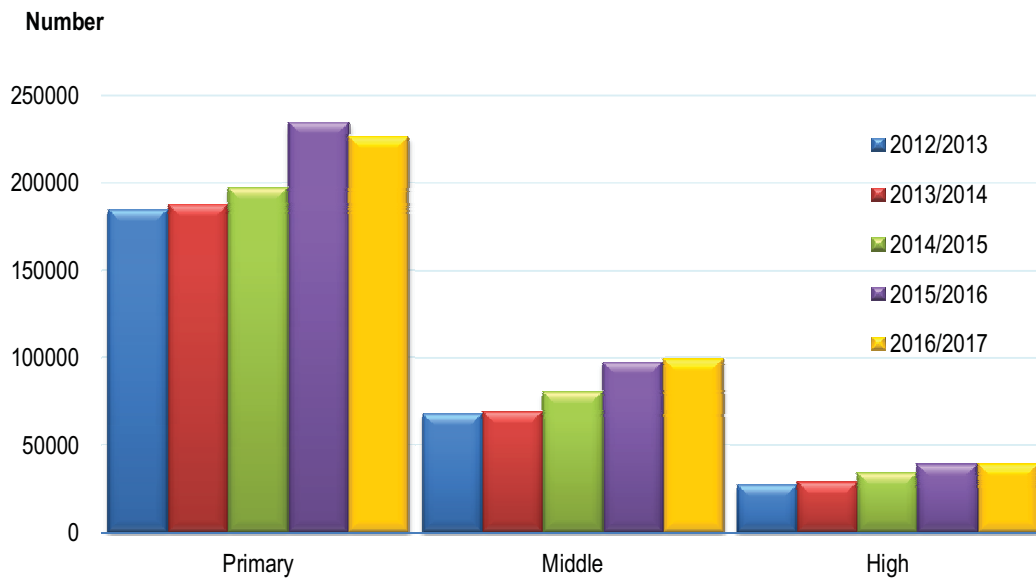


FIGURE 5.1 NUMBER OF SCHOOLS BY EDUCATION LEVEL



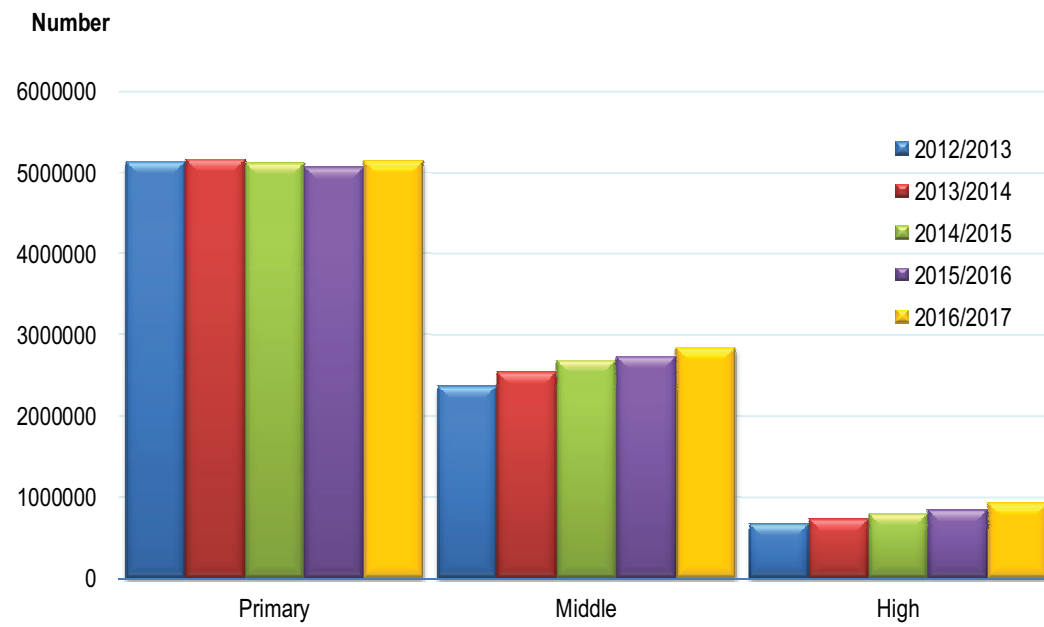
Source: Ministry of Education

FIGURE 5.2 NUMBER OF TEACHERS BY EDUCATION LEVEL



Source: Ministry of Education

FIGURE 5.3 NUMBER OF STUDENTS BY EDUCATION LEVEL



Source: Ministry of Education

EDUCATION

METHODOLOGY SHEET | Schools, Teachers, Students

Responsible Unit (Service or Structure)	Ministry of Education, Myanmar Examination Department
Level of Disaggregation	Union, States and Regions
Study Variables	Schools, Teachers, Students, Growth Index, Average Number of Students Per Teacher, Teacher Educators, Teaching Staff
Classification Variables	Academic Qualifications, Level of Education, Gender, Percentage of Females, Urban, Rural
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Academic Year
Units	Schools, Teachers, Students
Tables	5.01, 5.02, 5.03, 5.04, 5.05, 5.06, 5.07, 5.08, 5.09, 5.10, 5.11

TABLE 5.01 SCHOOLS, TEACHERS AND STUDENTS
Academic Years 2012/2013-2016/2017, absolute values

States and Regions	Year	Schools			Teachers			Students		
		Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
UNION TOTAL	2012-2013	36,359	2,245	1,343	184,743	67,883	27,200	5,139,632	2,370,861	669,056
	2013-2014	37,579	2,267	1,549	187,327	69,212	28,817	5,166,317	2,542,830	730,866
	2014-2015 (r)	38,651	2,511	1,779	197,124	80,660	33,924	5,121,203	2,687,801	792,670
	2015-2016 (r)	38,017	2,615	1,924	234,605	97,455	39,051	5,071,458	2,730,879	840,706
	2016-2017	38,197	2,635	1,972	226,357	99,437	39,478	5,139,305	2,843,363	925,410
Kachin State	2012-2013	1,181	88	60	6,297	2,641	1,089	173,061	104,829	31,032
	2013-2014	1,203	94	67	6,222	2,661	1,254	174,982	111,795	34,160
	2014-2015 (r)	1,204	105	80	7,752	3,111	1,411	175,158	115,911	35,674
	2015-2016	1,194	121	82	8,307	3,286	1,599	173,967	115,081	36,800
	2016-2017	1,204	120	84	7,989	3,322	1,582	175,774	120,148	40,753
Kayah State	2012-2013	340	35	14	1,338	566	238	34,245	17,898	5,360
	2013-2014	339	34	16	1,382	511	350	35,083	19,041	6,011
	2014-2015 (r)	342	33	18	1,327	659	382	35,032	20,551	6,647
	2015-2016	344	35	22	1,767	737	434	35,695	21,487	7,194
	2016-2017	345	33	24	1,673	780	425	36,610	22,563	8,631
Kayin State	2012-2013	1,192	82	41	5,206	1,725	702	168,449	64,822	13,513
	2013-2014	1,335	98	56	5,078	1,972	733	181,078	68,189	16,140
	2014-2015 (r)	1,328	82	57	5,190	2,973	841	185,207	74,716	19,528
	2015-2016	1,334	94	60	9,205	2,617	1,197	193,562	80,235	21,282
	2016-2017	1,361	94	62	9,052	2,509	1,252	200,309	85,874	23,998
Chin State	2012-2013	1,063	84	30	3,329	1,055	488	70,888	34,529	9,689
	2013-2014	1,075	84	37	3,311	1,019	540	75,437	35,337	10,584
	2014-2015 (r)	1,089	91	41	3,827	1,331	584	76,723	36,725	10,151
	2015-2016	1,098	92	45	5,364	1,718	772	78,312	37,663	10,690
	2016-2017	1,102	93	45	5,238	1,627	706	80,408	38,225	11,532
Sagaing Region	2012-2013	3,946	222	127	20,909	8,447	2,924	543,722	290,526	75,499
	2013-2014	4,185	222	148	21,831	8,015	3,183	548,987	308,174	82,988
	2014-2015	4,703	239	180	22,718	9,761	4,038	539,392	324,362	94,522
	2015-2016	4,296	279	198	27,261	13,435	4,439	537,439	326,662	98,897
	2016-2017	4,317	287	200	25,401	13,435	4,475	544,945	337,819	108,381
Tanintharyi Region	2012-2013	1,000	69	46	5,510	1,800	770	180,089	72,143	15,896
	2013-2014	1,021	77	50	5,377	2,049	756	186,708	77,989	17,825
	2014-2015	1,112	86	53	6,412	2,579	872	187,043	83,299	20,385
	2015-2016	1,047	97	58	8,437	2,881	1,186	185,277	86,414	24,086
	2016-2017	1,052	97	59	8,078	3,010	1,278	187,908	93,118	25,958
Bago Region	2012-2013	4,000	228	128	21,565	6,728	3,052	501,343	221,823	59,978
	2013-2014	4,091	229	156	22,061	6,852	2,825	507,324	242,344	66,106
	2014-2015	4,090	247	171	23,511	7,218	3,094	501,997	258,722	72,208
	2015-2016	4,129	253	187	22,531	12,565	4,113	500,667	268,638	81,268
	2016-2017	4,157	255	187	22,090	12,338	4,352	509,992	284,696	92,097
Magway Region	2012-2013	3,605	197	88	16,707	5,562	2,183	385,237	202,966	57,351
	2013-2014	3,657	196	101	17,217	5,337	2,462	382,843	220,617	63,142
	2014-2015	3,662	209	124	16,387	7,944	2,965	375,437	237,377	71,269
	2015-2016	3,657	234	142	20,623	9,003	3,127	374,330	240,651	75,837
	2016-2017	3,661	234	147	19,768	9,813	3,109	379,413	250,780	84,348

TABLE 5.01 SCHOOLS, TEACHERS AND STUDENTS (concl'd)
Academic Years 2012/2013-2016/2017, absolute values

States and Regions	Year	Schools			Teachers			Students		
		Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
Mandalay Region	2012-2013	4,079	259	180	25,083	10,736	3,585	663,729	360,800	104,512
	2013-2014	3,571	221	160	22,099	9,040	3,407	524,496	313,089	90,344
	2014-2015	3,660	244	189	21,582	9,816	4,772	511,223	325,931	96,589
	2015-2016	3,575	263	201	23,175	11,350	4,361	506,766	326,871	95,833
	2016-2017	3,581	271	203	22,371	11,668	4,422	517,584	336,212	103,846
Mon State	2012-2013	1,205	98	69	7,748	3,075	1,285	224,507	100,518	25,162
	2013-2014	1,160	95	72	8,103	3,282	1,351	227,275	104,737	28,323
	2014-2015	1,220	102	86	7,664	4,014	1,586	223,339	111,124	31,162
	2015-2016	1,239	107	90	9,106	4,260	1,687	223,274	112,627	33,974
	2016-2017	1,251	106	92	9,599	4,019	1,702	229,594	118,001	39,085
Rakhine State	2012-2013	2,515	138	69	11,045	2,909	1,337	370,650	100,742	26,671
	2013-2014	2,572	138	83	10,652	3,566	1,501	432,536	121,186	31,573
	2014-2015	2,602	144	95	12,633	4,134	1,933	444,746	136,340	37,171
	2015-2016	2,645	154	104	15,707	4,729	2,128	440,500	147,943	42,401
	2016-2017	2,657	150	115	15,040	5,922	2,213	424,354	159,821	47,592
Yangon Region	2012-2013	2,273	259	183	17,931	10,758	4,349	559,591	340,678	123,832
	2013-2014	2,264	258	198	18,020	10,532	4,446	540,916	352,348	127,584
	2014-2015	2,222	283	226	17,288	10,875	4,820	527,303	359,392	127,342
	2015-2016	2,221	285	233	19,785	10,471	5,154	518,325	356,014	126,369
	2016-2017	2,217	292	235	18,817	10,207	5,190	524,864	361,237	131,068
Shan State	2012-2013	4,216	207	172	16,799	5,268	2,220	485,410	193,726	47,891
	2013-2014	4,482	208	198	17,004	5,193	2,395	509,568	206,625	51,297
	2014-2015 (r)	4,824	291	215	17,819	5,872	2,540	512,996	214,776	54,173
	2015-2016 (r)	4,571	240	221	24,183	7,014	3,111	508,250	214,758	58,234
	2016-2017	4,614	249	225	23,782	7,173	3,001	527,492	221,834	64,126
Ayeyarwady Region	2012-2013	5,744	279	136	25,276	6,613	2,978	778,711	264,861	72,670
	2013-2014	6,054	273	163	25,380	7,532	2,910	718,894	297,531	87,026
	2014-2015	6,023	309	197	28,774	8,608	3,342	710,238	320,990	95,469
	2015-2016	6,094	305	231	34,243	11,389	4,716	680,206	326,595	106,739
	2016-2017	6,102	299	241	32,881	11,548	4,862	683,657	340,455	120,996
Nay Pyi Taw	2012-2013	-	-	-	-	-	-	-	-	-
	2013-2014	570	40	44	3,590	1,651	704	120,190	63,828	17,763
	2014-2015	570	46	47	4,240	1,765	744	115,369	67,585	20,380
	2015-2016	573	56	50	4,911	2,000	937	114,888	69,240	21,102
	2016-2017	576	55	53	4,578	2,066	909	116,401	72,580	22,999

Note: Students are inclusive of Affiliated students.

Source: Ministry of Education.

TABLE 5.02 SCHOOLS, TEACHERS AND STUDENTS OF PRIVATE SECTOR
Academic Year 2016/2017, absolute values

States and Regions	Schools			Teachers			Students		
	Primary	Middle	High	Primary	Middle	High	Primary	Middle	High
UNION	61	50	474	1,599	2,400	4,359	32,668	30,818	77,433
Kachin	2	1	16	17	52	147	242	260	1,965
Kayah	1	-	-	-	-	7	47	-	-
Kayin	1	-	5	5	14	49	36	84	513
Chin	1	2	1	22	18	8	237	320	162
Sagaing	4	5	48	86	159	419	2,004	2,384	10,439
Tanintharyi	2	1	2	79	68	38	1,045	1,005	950
Bago	1	1	43	26	101	364	322	677	4,784
Magway	2	1	40	45	86	310	672	796	6,810
Mandalay	14	14	100	619	761	1,122	10,420	9,482	21,589
Mon	-	-	9	8	21	67	123	148	812
Rakhine	-	2	12	23	17	120	234	86	1,308
Yangon	28	9	123	394	668	1,045	12,219	10,686	16,336
Shan	2	9	46	159	217	355	3,252	2,640	6,011
Ayeyarwady	-	3	15	40	110	159	374	892	2,578
Nay Pyi Taw	3	2	14	76	108	149	1,441	1,358	3,176

Source: Ministry of Education.

TABLE 5.03 SCHOOLS AND TEACHERS
Academic Year 2015/2016, absolute values

States and Regions	Schools				Teachers			
	Total	Basic Education Primary School	Basic Education Middle School	Basic Education High School	Total	Primary Assistant Teacher	Junior Assistant Teacher	Senior Assistant Teacher
UNION TOTAL	42,804	38,197	2,635	1,972	371,111	234,605	97,455	39,051
Kachin	1,408	1,204	120	84	13,192	8,307	3,286	1,599
Kayah	402	345	33	24	2,938	1,767	737	434
Kayin	1,517	1,361	94	62	1,019	9,205	2,617	1,197
Chin	1,240	1,102	93	45	7,854	5,364	1,718	772
Sagaing	4,804	4,317	287	200	45,135	27,261	13,435	4,439
Tanintharyi	1,208	1,052	97	59	12,504	8,437	2,881	1,186
Bago (E)	2,281	2,036	131	114	20,843	8,964	9,369	2,510
Bago (W)	2,318	2,121	124	73	18,366	13,567	3,196	1,603
Magway	4,042	3,661	234	147	32,843	20,623	9,003	3,217
Mandalay	4,055	3,581	271	203	38,886	23,175	11,350	4,361
Naypyitaw	684	576	55	53	7,848	4,911	2,000	937
Mon	1,449	1,251	106	92	15,053	9,106	4,260	1,687
Rakhine	2,922	2,657	150	115	22,564	15,707	4,729	2,128
Yangon	2,744	2,217	292	235	35,410	19,785	10,471	5,154
Shan(S)	2,516	2,287	118	111	17,172	11,882	3,569	1,721
Shan(N)	1,939	1,755	103	81	13,383	9,508	2,796	1,079
Shan(E)	633	572	28	33	3,753	2,793	649	311
Ayeyarwady	6,642	6,102	299	241	50,348	34,243	11,389	4,716

TABLE 5.03 SCHOOLS AND TEACHERS (concl'd)
Academic Year 2016/2017, absolute values

States and Regions	Schools				Teachers			
	Total	Basic Education Primary School	Basic Education Middle School	Basic Education High School	Total	Primary Assistant Teacher	Junior Assistant Teacher	Senior Assistant Teacher
UNION TOTAL	42,804	38,197	2,635	1,972	365,272	226,357	99,437	39,478
Kachin	1,408	1,204	120	84	12,893	7,989	3,322	1,582
Kayah	402	345	33	24	2,878	1,673	780	425
Kayin	1,517	1,361	94	62	12,813	9,052	2,509	1,252
Chin	1,240	1,102	93	45	7,571	5,238	1,627	706
Sagaing	4,804	4,317	287	200	43,311	25,401	13,435	4,475
Tanintharyi	1,208	1,052	97	59	12,336	8,078	3,010	1,278
Bago (E)	2,281	2,036	131	114	20,628	8,885	9,116	2,627
Bago (W)	2,318	2,121	124	73	18,152	13,205	3,222	1,725
Magway	4,042	3,661	234	147	32,690	19,768	9,813	3,109
Mandalay	4,055	3,581	271	203	38,461	22,371	11,668	4,422
Naypyitaw	684	576	55	53	7,553	4,578	2,066	909
Mon	1,449	1,251	106	92	15,320	9,599	4,019	1,702
Rakhine	2,922	2,657	150	115	23,175	15,040	5,922	2,213
Yangon	2,744	2,217	292	235	34,214	18,817	10,207	5,190
Shan(S)	2,516	2,287	118	111	17,195	11,850	3,667	1,678
Shan(N)	1,939	1,755	103	81	13,253	9,468	2,792	993
Shan(E)	633	572	28	33	3,508	2,464	714	330
Ayeyarwady	6,642	6,102	299	241	49,291	32,881	11,548	4,862

Notes : 1.All Schools are Sanction Schools, not included in Affiliated Schools and Branch Schools
N=North
E=East
S=South
W=West

Primary Assistant Teacher, Junior Assistant Teacher and Senior Assistant Teacher only, not included in school head.

2. 2016-2017 AY is the temporarily data.

Source : Ministry of Education.

TABLE 5.04 GROWTH INDEX OF SCHOOLS, TEACHERS AND STUDENTS

Academic Years 2005/2006, 2010/2011, 2012/2013– 2016/2017 ,1997-1998=100, growth rate

Academic Year	Primary			Middle			High		
	School	Teacher	Student	School	Teacher	Student	School	Teacher	Student
2005-2006	101	109	104	103	111	124	117	139	157
2010-2011	101	123	107	106	116	136	127	161	156
2012-2013	102	121	107	107	127	144	145	185	159
2013-2014	105	122	108	108	129	155	167	196	173
2014-2015	105	129	106	117	150	164	188	231	188
2015-2016	80	153	106	639	178	167	380	257	199
2016-2017	96	188	107	126	186	173	642	269	220

Note: 2016-2017 AY is the temporarily data.

Source: Ministry of Education.

TABLE 5.05 AVERAGE NUMBER OF STUDENTS PER TEACHER

Academic Years 2005/2006, 2010/2011, 2012/2013-2016/2017, average values

Academic Year	Primary	Middle	High
2005-2006	30	34	32
2010-2011	27	36	28
2012-2013	28	35	25
2013-2014	28	37	25
2014-2015	26	33	23
2015-2016	21	28	22
2016-2017	23	29	23

Source: Ministry of Education.

TABLE 5.06 TEACHER EDUCATORS
Academic Year 2014-2015 , absolute values and percentage compositions

Education College	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Percentage of females	Total	Females	Percentage of females	Total	Females	Percentage of females	Total	Females	Percentage of females
Total	21	15	71.43	41	40	97.56	554	475	85.74	657	559	85.08
Yankin	1	-	-	2	2	100.00	30	24	80.00	37	34	91.89
Mandalay	1	1	100.00	2	2	100.00	29	23	79.31	37	30	81.08
Mawlamyine	1	1	100.00	2	2	100.00	27	25	92.59	23	20	86.96
Patheingyi	1	-	-	2	2	100.00	32	27	84.38	34	31	91.18
Taungtha	1	1	100.00	2	2	100.00	26	22	84.62	33	33	100.00
Taungtha	1	1	100.00	2	2	100.00	29	28	96.55	29	28	96.55
Magway	1	1	100.00	2	2	100.00	29	21	72.41	36	28	77.78
Monywa	1	-	-	2	2	100.00	26	21	80.77	37	29	78.38
Myittha	1	1	100.00	1	1	100.00	24	18	75.00	25	19	76.00
Dawei	1	1	100.00	2	2	100.00	25	22	88.00	28	21	75.00
Kyaungpya	1	1	100.00	2	2	100.00	24	21	87.50	15	11	73.33
Sagaing	1	1	100.00	2	2	100.00	26	22	84.62	34	28	82.35
Pakokku	1	1	100.00	2	2	100.00	22	21	95.45	40	34	85.00
Pyaw	1	1	100.00	2	2	100.00	26	24	92.31	26	23	88.46
Bogalaya	1	1	100.00	2	2	100.00	28	22	78.57	30	25	83.33
Hpa-an	1	1	100.00	2	1	50.00	23	20	86.96	36	33	91.67
Myaungmya	1	1	100.00	2	2	100.00	28	27	96.43	33	28	84.85
Meiktila	1	-	-	2	2	100.00	30	25	83.33	35	28	80.00
Hlegu	1	-	-	2	2	100.00	27	23	85.19	34	30	88.24
Thingangyun	1	1	100.00	2	2	100.00	31	28	90.32	36	31	86.11
Lasho	1	-	-	2	2	100.00	12	11	91.67	19	15	78.95

TABLE 5.06 TEACHER EDUCATORS (cont'd)

Academic Year 2015-2016 , absolute values and percentage compositions

Education College	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Percentage		Total	Percentage		Total	Percentage		Total	Percentage	
		Females	of females		Females	of females		Females	of females		Females	of females
Total	13	9	69.23	437	391	89.47	605	532	87.93	801	637	79.53
Yankin	1	-	-	37	33	89.19	37	32	86.49	44	39	88.64
Mandalay	1	-	-	27	23	85.19	38	37	97.37	48	40	83.33
Mawlamyine	1	1	100.00	21	20	95.24	24	20	83.33	35	28	80.00
Patheingyi	0	0	-	24	22	91.67	37	35	94.59	39	33	84.62
Taungtha	0	0	-	17	16	94.12	31	31	100.00	34	27	79.41
Taungtha	1	1	100.00	24	21	87.50	26	24	92.31	37	28	75.68
Magway	1	1	100.00	18	14	77.78	31	25	80.65	43	35	81.40
Monywa	0	-	-	26	21	80.77	35	33	94.29	43	35	81.40
Myittha	0	-	-	17	16	94.12	23	18	78.26	36	23	63.89
Dawei	0	-	-	19	16	84.21	28	22	78.57	27	20	74.07
Kyaikpada	1	1	100.00	7	6	85.71	18	12	66.67	31	17	54.84
Sagaing	1	1	100.00	24	20	83.33	32	27	84.38	43	36	83.72
Pakokku	1	-	-	21	21	100.00	38	34	89.47	46	38	82.61
Pyaw	1	1	100.00	11	11	100.00	22	18	81.82	36	28	77.78
Bogalaya	1	1	100.00	11	9	81.82	17	13	76.47	33	26	78.79
Hpa-an	1	1	100.00	18	17	94.44	29	26	89.66	30	23	76.67
Myaungmya	0	-	-	21	21	100.00	24	22	91.67	28	21	75.00
Meiktila	1	1	100.00	25	25	100.00	31	25	80.65	42	34	80.95
Hlegu	1	-	-	26	24	92.31	34	32	94.12	36	30	83.33
Thingangyun	0	-	-	32	27	84.38	32	29	90.63	41	36	87.80
Lasho	0	-	-	10	7	70.00	14	14	100.00	38	24	63.16
Loikaw	0	-	-	1	1	100.00	4	3	75.00	16	11	68.75

TABLE 5.06 TEACHER EDUCATORS (concl'd)
Academic Year 2016-2017 , absolute values and percentage compositions

Education College	Principal			Lecturer			Assistant-Lecturer			Tutor		
	Total	Females	Percentage of females	Total	Females	Percentage of females	Total	Females	Percentage of females	Total	Females	Percentage of females
Total	9	6	66.67	466	410	87.98	542	479	88.38	939	760	80.94
Yankin	-	-	-	39	35	89.74	30	27	90.00	47	40	85.11
Mandalay	1	-	-	32	28	87.50	31	28	90.32	47	42	89.36
Mawlamyine	-	-	-	20	19	95.00	24	20	83.33	43	37	86.05
Patheingyi	-	-	-	26	24	92.31	28	26	92.86	44	36	81.82
Taungtha	1	1	100.00	23	20	86.96	28	28	100.00	43	36	83.72
Taungtha	1	1	100.00	25	22	88.00	20	19	95.00	44	33	75.00
Magway	-	-	-	20	16	80.00	28	23	82.14	45	37	82.22
Monywa	-	-	-	26	21	80.77	33	31	93.94	42	35	83.33
Myittha	-	-	-	22	19	86.36	20	16	80.00	39	28	71.79
Dawei	-	-	-	18	14	77.78	27	22	81.48	29	22	75.86
Kyaikpyaw	-	-	-	8	7	87.50	17	11	64.71	34	21	61.76
Sagaing	1	1	100.00	26	22	84.62	32	28	87.50	46	38	82.61
Pakokku	-	-	-	20	19	95.00	34	31	91.18	50	42	84.00
Pyaw	1	1	100.00	13	13	100.00	21	17	80.95	39	29	74.36
Bogalay	-	-	-	10	7	70.00	18	15	83.33	38	31	81.58
Hpa-an	1	1	100.00	22	21	95.45	24	22	91.67	36	29	80.56
Myaungmya	-	-	-	19	19	100.00	22	20	90.91	41	32	78.05
Meiktila	-	-	-	26	25	96.15	25	20	80.00	43	36	83.72
Hlegu	1	-	-	27	25	92.59	32	30	93.75	39	34	87.18
Thingangyun	-	-	-	29	24	82.76	31	28	90.32	43	39	90.70
Lasho	1	1	100.00	11	7	63.64	13	13	100.00	41	27	65.85
Loikaw	-	-	-	4	3	75.00	4	4	100.00	34	27	79.41
Hakha	-	-	-	-	-	-	-	-	-	14	12	85.71
Kathar	1	-	-	-	-	-	-	-	-	18	17	94.44
Kyaington	-	-	-	-	-	-	-	-	-	-	-	-

Source: Ministry of Education.

TABLE 5.07 TEACHERS BY RANK

Academic Years 2005/2006, 2010/2011, 2012/2013- 2016/2017 ,
absolute values and percentage compositions

Academic Years	Primary						Middle					
	School Head			Primay Assistant Teachers			School Head			Junior Assistant Teachers		
	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %	Total	Females	Females %
2005-2006	35,083	20,240	57.69	90,358	79,941	88.47	2,026	1,007	49.70	99,604	85,136	85.47
2010-2011	35,470	22,168	62.50	97,156	85,981	88.50	2,095	1,145	54.65	114,220	100,186	87.71
2012-2013	35,145	22,614	64.34	97,969	85,537	87.31	2,200	1,274	57.91	119,776	103,212	86.17
2013-2014	34,041	21,329	62.66	102,624	89,465	87.18	2,240	1,326	59.20	119,874	107,405	89.60
2014-2015 (r)	34,985	22,218	63.51	114,405	99,816	87.25	2,360	1,617	68.52	128,503	110,542	86.02
2015-2016	34,402	21,526	62.57	154,380	130,967	84.83	2,566	1,814	70.69	142,782	128,642	90.10
2016-2017	34,420	21,626	62.83	148,647	124,799	83.96	2,575	1,797	69.79	143,109	129,354	90.39

TABLE 5.07 TEACHERS BY RANK (concl'd)

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017 ,
absolute values and percentage compositions

Academic Years	High					
	School Head			Senior Assistant Teachers		
	Total	Females	Percentage of females	Total	Females	Percentage of females
2005-2006	1,047	547	52.24	20,987	16,501	78.62
2010-2011	1,107	610	55.10	26,500	22,000	83.02
2012-2013	1,318	718	54.48	27,200	22,343	82.14
2013-2014	1,437	830	57.76	28,817	23,705	82.26
2014-2015	1,688	993	58.83	33,988	27,815	81.84
2015-2016	1,848	1,093	59.15	39,031	31,963	81.89
2016-2017	1,893	1,163	61.44	39,524	32,707	82.75

Source: Ministry of Education.

TABLE 5.08 TEACHERS BY RANK AND BY URBAN AND RURAL

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017 , absolute values

Rank	Type of Area	Gender	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015 (r)	2015-2016 (r)	2016-2017
Primary Assistant Teacher	Union	Total	90,358	97,156	97969	102624	114402	154380	148647
		Females	79,941	85,981	52547	89465	99816	130967	124799
Junior Assistant Teacher	Urban	Total	20,886	19,994	18539	19503	20520	22776	22703
		Females	19,973	19,310	17664	18480	19530	21873	21803
	Rural	Total	69,472	77,162	79430	83121	93885	131604	125944
		Females	59,968	66,671	34883	70985	80286	109094	102996
Senior Assistant Teacher	Union	Total	99,604	114,220	119776	119874	128503	142782	143109
		Females	85,136	100,186	103212	107405	110542	128642	129354
	Urban	Total	45,798	46,433	48276	45901	46772	48079	47116
		Females	41,016	42,711	43834	42769	43694	45231	44506
Rural	Total	53,806	67,787	71500	73973	81731	94703	95993	
	Females	44,120	57,475	59378	64636	66848	83411	84848	
Primary Teacher	Union	Total	20,987	26,500	27200	28817	34032	39031	39524
		Females	16,501	22,000	22346	23705	27809	31963	32707
	Urban	Total	13,604	15,125	14854	14388	16117	17327	17195
		Females	11,024	12,840	12593	12561	14028	15286	15254
Rural	Total	7,383	11,375	12346	14429	17915	21704	22329	
	Females	5,477	9,160	9753	11144	13781	16677	17453	

Note: Primary Assistant Teacher, Junior Assistant Teacher and Senior Assistant Teacher only, not included in school head.

Source: Ministry of Education.

TABLE 5.09 TEACHING STAFF BY ACADEMIC QUALIFICATIONS

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2015/2016 , absolute values

Academic Years	Primary Head+ Primary Assistant Teachers			Junior Assistant Teachers			Senior Assistant Teachers			Total Number of Teachers		
	Graduates	Non-Graduates	Total	Graduates	Non-Graduates	Total	Graduates	Non-Graduates	Total	Graduates	Non-Graduates	Total
2005-2006	104,997	20,444	125,441	95,257	4,347	99,604	20,960	27	20,987	221,214	24,818	246,032
2010-2011	116,490	16,022	132,512	112,653	1,316	113,969	26,499	1	26,500	255,642	17,339	272,981
2012-2013	149,359	12,884	162,243	89,163	1,484	90,647	27,199	1	27,200	280,090	396,452	676,542
2013-2014	123,074	13,591	136,665	116,569	3,305	119,874	28,789	33	28,822	285,361	430,719	716,080
2014-2015	150,120	17,007	167,027	108,373	2,493	110,866	34,019	12	34,031	311,924	454,316	766,240
2015-2016	183,615	5,064	188,679	142,244	545	142,789	39,030	0	39,030	370,498	551,772	922,270

Source: Ministry of Education.

TABLE 5.10 STUDENTS APPEARING FOR MATRICULATION EXAMINATION

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017 , absolute values

Description	Gender	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
1. Appeared	Total	494843	469852	487413	541946	597768	636237	716188
	Males	244639	214168	215201	235549	254823	269628	301624
	Females	250204	255684	272212	306397	342945	366609	414564
2. Passed	Total	126018	165007	170043	171647	89868	190388	242736
	Males	56364	69611	70435	70833	134979	75947	96262
	Females	69654	95396	99608	100814	224847	114441	146474

Note : External students included.

Source: Myanmar Examination Department.

TABLE 5.11 PERSONS APPEARING FOR MATRICULATION EXAMINATION

Academic Years 2005/2006 , 2010/2011, 2012/2013 - 2016/2017,
absolute values and percentage composition

Academic Years	Appeared	Passed	Percentage
2005-2006	494843	126018	25.47
2010-2011	469852	165007	35.12
2012-2013	487413	170043	34.89
2013-2014	541946	171647	31.67
2014-2015	597769	224847	37.60
2015-2016	636237	190388	29.92
2016-2017	716188	242736	33.89

Note : Years refer to Academic year (June to March)
External students included.

Source: Myanmar Examination Department.

METHODOLOGY SHEET | **Monastic education**

Responsible Unit (Service or Structure)	Department of Promotion and Propagation of Sasana
Level of Disaggregation	Union, States and Regions
Study Variables	Number of schools, students of primary, middle and high
Classification Variables	Level of Education, Gender
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Monasteries
Tables	5.12

TABLE 5.12 MONASTIC EDUCATION STATISTICS
Academic Years 2012/2013 – 2016/2017, absolute values

States and Regions	Academic Years	Schools			Students											
		Primary	Middle	High	Primary				Middle				High			
					Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls
UNION	2012-2013	1,103	446	2	10,940	4,474	94,974	87,312	5,536	2,563	19,780	19,336	625	74	2,009	1,834
	2013-2014	1,093	502	2	13,099	5,264	98,813	91,750	7,738	3,761	21,629	22,460	489	33	2,026	2,205
	2014-2015	972	557	2	12,111	5,571	115,658	85,767	10,458	5,844	29,879	23,454	-	-	3,455	2,025
	2015-2016	962	629	2	13,334	6,065	120,915	85,562	11,093	6,553	32,761	26,225	-	-	2,872	2,295
	2016-2017	939	645	2	13,584	7,395	98,453	101,614	11,348	6,516	36,329	28,369	-	-	3,772	2,372
Kachin State	2012-2013	19	5	-	85	184	1,466	1,317	22	7	147	179	-	-	-	-
	2013-2014	18	7	-	82	245	1,469	1,338	16	-	161	213	-	-	-	-
	2014-2015	17	9	-	30	208	1,872	1,230	30	98	277	179	-	-	-	-
	2015-2016	17	12	-	75	312	1,903	1,054	28	107	336	239	-	-	-	-
	2016-2017	16	13	-	32	-	1,307	1,279	8	-	682	579	-	-	-	-
Kayah State	2012-2013	6	2	-	36	136	290	282	6	-	38	29	-	-	-	-
	2013-2014	6	2	-	13	112	332	301	17	17	19	43	-	-	-	-
	2014-2015	5	3	-	28	60	449	233	27	60	37	27	-	-	-	-
	2015-2016	6	3	-	31	65	408	348	36	78	81	33	-	-	-	-
	2016-2017	4	4	-	57	122	312	394	42	116	96	61	-	-	-	-
Kayin State	2012-2013	30	3	-	80	9	2,558	2,422	32	8	182	194	-	-	-	-
	2013-2014	32	3	-	92	4	2,997	2,747	40	27	240	258	-	-	-	-
	2014-2015	29	6	-	45	33	3,118	2,737	37	-	520	423	-	-	-	-
	2015-2016	28	6	-	57	48	3,316	2,525	49	42	604	558	-	-	-	-
	2016-2017	25	6	-	62	53	2,856	2,947	32	33	533	261	-	-	-	-
Chin State	2012-2013	17	3	-	42	-	468	395	11	-	33	31	-	-	-	-
	2013-2014	16	4	-	32	3	479	427	11	-	35	33	-	-	-	-
	2014-2015	14	4	-	18	33	509	277	-	-	86	75	-	-	-	-
	2015-2016	11	4	-	31	39	512	219	-	-	93	88	-	-	-	-
	2016-2017	10	4	-	41	-	396	298	-	-	74	76	-	-	-	-
Sagaing Region	2012-2013	153	72	-	987	597	10,149	9,706	462	418	1,849	1,834	-	-	-	-
	2013-2014	146	82	-	1,413	797	9,286	9,003	750	642	2,186	2,180	-	-	-	-
	2014-2015	106	90	-	837	498	1,088	8,885	1,306	1,165	2,387	2,365	-	-	-	-
	2015-2016	103	96	-	911	537	10,477	8,432	1,408	1,227	2,634	2,478	-	-	-	-
	2016-2017	97	95	-	1308	677	8,342	8,149	1,136	1,491	2,425	2,213	-	-	-	-
Tanintharyi Region	2012-2013	35	16	-	131	68	4,023	3,674	19	5	1,017	1,151	-	-	-	-
	2013-2014	34	15	-	75	5	3,680	3,211	10	3	948	970	-	-	-	-
	2014-2015	34	14	-	76	26	3,980	3,353	31	25	1,244	833	-	-	-	-
	2015-2016	35	15	-	82	37	4,103	3,243	43	31	1,337	871	-	-	-	-
	2016-2017	34	16	-	32	3	3,279	3,988	25	-	1,682	718	-	-	-	-
Bago Region	2012-2013	106	43	-	892	44	10,572	9,731	277	24	1,606	1,566	-	-	-	-
	2013-2014	104	49	-	941	104	10,569	9,891	303	30	1,977	2,055	-	-	-	-
	2014-2015	89	53	-	589	100	12,221	9,233	749	133	2,826	1,804	-	-	-	-
	2015-2016	90	56	-	609	178	13,779	8,188	818	177	2,918	2,495	-	-	-	-
	2016-2017	88	58	-	506	192	12,149	8,911	686	133	1,948	3,853	-	-	-	-

TABLE 5.12 MONASTIC EDUCATION STATISTICS (concl'd)
Academic Years 2012/2013 – 2016/2017 , absolute values

States and Regions	Academic Years	Schools			Students											
		Primary	Middle	High	Primary				Middle				High			
					Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls	Novices	Nuns	Boys	Girls
Magway Region	2012-2013	83	41	-	227	141	5274	4817	112	78	1465	1350	-	-	-	-
	2013-2014	77	43	-	331	166	5153	4760	172	100	1611	1629	-	-	-	-
	2014-2015	75	44	-	282	104	5443	4271	211	160	2203	1632	-	-	-	-
	2015-2016	76	45	-	332	135	5566	4144	218	174	2189	1420	-	-	-	-
	2016-2017	74	46	-	276	148	4382	4973	149	121	2212	1517	-	-	-	-
Mandalay Region	2012-2013	244	107	2	2,310	550	21,430	20,120	1,655	249	5,292	4,970	625	74	2,009	1,834
	2013-2014	203	111	2	3,169	626	20,864	19,239	2,445	418	5,174	5,491	489	33	2,026	2,205
	2014-2015	208	141	2	3,751	799	23,156	21,421	3,054	910	7,386	6,281	-	-	3,455	2,025
	2015-2016	202	165	2	3,941	818	24,779	21,470	3,011	932	9,089	7,477	-	-	3,872	2,295
	2016-2017	195	167	2	4,426	902	19,202	25,262	3,213	1,054	11,567	6,490	-	-	3,772	2,372
Mon State	2012-2013	44	21	-	284	6	3,617	3,341	95	14	474	538	-	-	-	-
	2013-2014	38	20	-	333	16	2,963	2,988	170	-	534	661	-	-	-	-
	2014-2015	33	22	-	299	15	3,411	2,901	306	18	786	673	-	-	-	-
	2015-2016	30	25	-	338	49	3,449	2,540	402	27	883	753	-	-	-	-
	2016-2017	29	25	-	232	87	2,911	2,842	324	36	747	793	-	-	-	-
Rakhine State	2012-2013	59	20	-	85	1	3,957	3,672	194	60	966	863	-	-	-	-
	2013-2014	56	21	-	126	13	4,986	4,982	172	41	1,310	1,255	-	-	-	-
	2014-2015	54	24	-	144	66	5,630	5,782	149	12	1,598	1,371	-	-	-	-
	2015-2016	54	29	-	203	75	7,522	6,181	164	22	1,786	1,099	-	-	-	-
	2016-2017	56	29	-	268	83	5,841	6,643	142	64	2,113	1,217	-	-	-	-
Yangon Region	2012-2013	139	57	-	3,465	2,280	19,066	16,583	2,280	1,658	4,233	4,150	-	-	-	-
	2013-2014	140	64	-	3,401	2,299	20,804	18,348	2,962	2,137	4,735	4,820	-	-	-	-
	2014-2015	134	76	-	3,443	2,876	29,377	12,074	3,718	2,616	6,334	4,416	-	-	-	-
	2015-2016	128	89	-	3,774	3,109	28,986	13,123	4,012	2,993	6,337	4,983	-	-	-	-
	2016-2017	131	97	-	3,418	4,133	22,493	21,499	4,567	2,822	7,467	5,634	-	-	-	-
Shan State	2012-2013	44	20	-	1,916	344	4,772	7,478	268	49	497	649	-	-	-	-
	2013-2014	44	26	-	2,485	681	4,731	4,702	494	273	827	1,102	-	-	-	-
	2014-2015	53	25	-	2,220	630	6,192	5,239	378	494	1,691	1,319	-	-	-	-
	2015-2016	57	28	-	2,551	656	6,242	5,665	402	577	1,486	1,310	-	-	-	-
	2016-2017	56	30	-	2,418	722	6,634	6,203	528	490	1,215	1,926	-	-	-	-
Ayeyarwady Region	2012-2013	124	36	-	400	114	7,332	6,815	103	13	1,981	1,832	-	-	-	-
	2013-2014	159	45	-	514	156	8,727	8,095	118	9	1,415	1,292	-	-	-	-
	2014-2015	121	46	-	349	123	9,912	8,231	462	153	2,504	1,788	-	-	-	-
	2015-2016	125	56	-	399	187	9,873	8,430	502	166	2,988	2,421	-	-	-	-
	2016-2017	124	55	-	508	273	8,349	8,226	496	156	3,568	3,031	-	-	-	-

Note: Monastic Education High School opened in Mandalay at 2005- 2006 School Year. 293 Post Primary Schools and 19651 Post Primary Students are added in the Middle Schools and Middle Students.

Source: Department of Promotion & Propagation of the Sasana.

METHODOLOGY SHEET | Higher education

Responsible Unit (Service or Structure)	Department of Higher Education, Department of Human Resources for Health, Agricultural University, University of Forestry, University of Veterinary Science, Department of Technical and Vocational Education and Training, International Theravada Buddhist Missionary University, Myanmar Maritime University, Department of Fine Arts, Myanmar Mercantile Marine Collage
Level of Disaggregation	All Universities and Colleges that award academic degrees or higher professional certificates
Study Variables	Enrolments, Teaching Staff and Graduates of all Universities and Colleges that award academic degrees or higher professional certificates
Classification Variables	Gender, Field of Specialization
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Academic Year
Units	All Universities and Colleges
Tables	5.13, 5.14, 5.15

TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION

Academic Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015(r)	2015-2016	2016-2017
PROFESSIONAL UNIVERSITY								
Medicine	fresh	2,458	2,469	1,571	1,354	1,363	1,584	1,704
	total	14,516	13,806	12,669	11,446	12,309	12,065	12,063
Yangon Medicine (1)	fresh	670	759	512	392	475	479	473
	total	3,822	3,952	3,775	3,502	3,878	3,680	3,576
Yangon Medicine (2)	fresh	485	533	418	326	413	382	379
	total	3,068	3,480	3,351	2,961	3,267	3,221	3,142
Mandalay	fresh	688	632	521	384	342	363	397
	total	4,553	3,621	3,263	2,914	3,122	3,106	3,270
Magway	fresh	615	545	120	252	133	206	284
	total	3,073	2,753	2,280	2,069	2,042	1,904	1,781
Taunggyi	fresh	-	-	-	-	-	154	171
	total	-	-	-	-	-	154	294
Dental Medicine	fresh	445	308	350	304	318	334	216
	total	1,738	1,788	1,757	1,761	1,818	1,937	1,855
Yangon	fresh	249	183	217	163	209	181	125
	total	892	959	962	979	1,045	1,106	1,070
Mandalay	fresh	196	125	133	141	109	153	91
	total	846	829	795	782	773	831	785
Medical Technology	fresh	307	277	334	289	268	273	287
	total	1,077	1,043	1,010	990	995	1,019	1,094
Yangon	fresh	166	176	189	143	133	125	136
	total	563	609	596	561	556	519	545
Mandalay	fresh	141	101	145	146	135	148	151
	total	514	434	414	429	439	500	549
Nursing	fresh	308	293	290	282	420	336	325
	total	1,387	1,375	1,492	1,580	1,805	2,001	2,157
Yangon	fresh	154	162	139	124	226	139	138
	total	676	693	773	791	894	1,009	1,094
Mandalay	fresh	154	131	151	158	194	197	187
	total	711	682	719	789	911	992	1,063
Pharmacy	fresh	305	256	241	215	245	237	242
	total	1,231	1,028	965	917	928	910	908
Yangon	fresh	184	161	152	119	161	142	128
	total	727	635	611	564	571	552	532
Mandalay	fresh	121	95	89	96	84	95	114
	total	504	393	354	353	357	358	376

TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Community Health (Magway)	fresh	168	166	157	137	148	120	141
	total	925	737	919	708	702	756	701
Traditional Medicine	fresh	-	71	82	60	55	105	116
	total	-	450	368	357	335	429	433
Technological University/ Institutes	fresh (r)	828	28,809	17,404	11,409	6,510	7,469	6,852
	total (r)	1,711	83,906	87,752	84,843	74,037	68,972	55,317
Myanmar Aerospace and Engineering	fresh (r)	107	153	185	132	143	119	108
	total (r)	354	515	619	597	611	603	579
Economics (Yangon, Monywa, Meiktila)	fresh	3,569	5,913	2,780	2,893	2,728	2,524	2,387
	total	12,079	14,986	13,915	11,218	13,188	12,346	12,766
Education (Yangon, Sagaing)	fresh	1,997	2,844	3,047	2,368	3,038	3,553	3,759
	total	6,286	6,766	8,154	8,577	8,483	10,189	10,434
Agriculture	fresh	246	626	460	580	677	543	425
	total	1,287	2,082	1,960	2,063	2,299	2,777	2,739
Forestry	fresh	55	220	101	97	91	85	71
	total	240	830	837	716	586	517	445
Veterinary Science	fresh	90	256	236	267	245	248	148
	total	483	968	1,210	1,294	1,289	1,243	1,333
Computer	fresh (r)	10,792	3,698	4,466	3,536	3,340	4,171	3,712
	total (r)	16,216	12,292	11,055	10,536	11,861	13,181	15,698
Arts and Culture	fresh	125	250	228	331	318	289	315
	total	557	630	745	844	885	1,000	1,145
Yangon	fresh	68	179	165	258	265	213	221
	total	313	430	529	632	686	759	854
Mandalay	fresh	57	71	63	73	53	76	94
	total	244	200	216	212	199	241	295
Myanmar Maritime	fresh	377	453	449	388	420	343	279
	total	1,315	2,156	2,194	2,003	1,858	1,710	1,454
Myanmar Mercantile Marine College	fresh	-	454	320	304	284	270	244
	total	-	454	320	304	284	270	244

TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)

Academic Years 2005/2006 , 2010/2011, 2012/2013- 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
ARTS AND SCIENCE (NON-PROFESSIONAL UNIVERSITY)								
Yangon University	fresh	-	-	-	703	543	731	1,136
	total	4,969	2,670	2,389	2,865	3,080	3,720	4,851
Mawlamyine University	fresh	2,316	2,898	3,910	3,389	3,885	4,656	3,617
	total	5,171	8,328	8,907	8,324	10,625	12,131	12,632
Patheingyi University	fresh	1,180	1,695	1,807	1,561	2,182	2,229	1,170
	total	4,097	4,884	4,742	4,451	6,003	7,069	6,548
Mandalay University	fresh	-	-	-	544	344	651	492
	total	1,964	1,742	1,852	2,428	2,535	3,205	3,616
Magway University	fresh	1,503	1,701	2,009	1,854	1,577	2,200	1,609
	total	4,280	4,933	5,352	5,124	5,807	6,963	6,861
Taunggyi University	fresh	1,952	2,272	2,271	2,065	2,143	2,569	1,876
	total	2,835	5,466	5,562	5,265	6,253	7,386	7,221
Myitkyina University	fresh	1,258	1,797	1,885	2,555	1,770	1,822	1,716
	total	2,337	5,077	5,328	5,907	6,284	6,506	6,549
Sittwe University	fresh	125	1,802	957	898	797	970	895
	total	669	4,470	3,200	2,591	2,842	3,034	3,024
Monywa University	fresh	2,734	4,104	3,256	3,885	3,101	5,124	4,297
	total	7,171	11,679	10,671	10,408	11,886	15,223	16,120
University of Distance Education	fresh	153,034	111,230	154,979	126,520	135,345	182,034	122,255
	total	415,898	279,557	336,246	258,316	306,987	360,078	515,121
Dagon University	fresh	5,261	7,596	7,698	7,568	8,146	8,345	6,614
	total	13,626	18,511	18,975	17,982	22,779	25,041	25,260
Pyaw University	fresh	1,989	2,056	1,797	1,782	1,713	2,349	1,925
	total	3,620	5,852	5,169	4,656	5,314	6,411	6,744
Meiktila University	fresh	1,258	1,922	1,836	2,089	1,922	2,391	2,130
	total	3,011	5,142	5,157	5,303	6,427	7,354	7,718
University of East Yangon	fresh	3,109	3,739	4,099	3,685	3,687	4,053	3,050
	total	6,732	9,055	9,409	8,549	10,244	11,289	11,218
Taungoo University	fresh	588	1,456	1,132	1,232	1,199	1,817	1,691
	total	1,087	3,952	3,642	3,250	4,002	4,877	5,443
Dawei University	fresh	313	707	1,117	964	1,088	1,077	1,058
	total	833	2,174	2,579	2,538	3,169	3,461	3,661
Yadanabon University	fresh	5,688	7,652	5,756	6,178	5,969	6,794	5,079
	total	13,402	22,510	18,726	16,610	19,222	20,230	20,356
Pakokku University	fresh	880	1,708	1,743	2,081	1,451	2,719	2,121
	total	2,425	4,976	5,227	5,566	6,377	7,604	8,160
Kyaukse University	fresh	1,035	1,435	1,307	1,655	1,596	2,031	1,852
	total	1,395	3,986	4,046	4,160	5,143	5,975	6,588

TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (cont'd)

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
University of West Yangon	fresh	2,674	3121	3,101	3128	3426	3493	3014
	total	6,989	7010	6,964	6726	8859	9819	10349
National Management College	fresh	111	221	457	211	499	442	415
	total	277	643	944	903	1344	1480	1486
Hinthada University	fresh	605	1258	1,317	1285	1734	1930	737
	total	1,443	3496	3,287	3191	4405	5201	4619
Hpa-an University	fresh	679	963	1,342	1,230	1,486	1,697	1889
	total	1,281	2,672	2,861	2,896	3,678	4,552	5243
Lashio University	fresh	222	903	1,156	927	1,009	1,060	841
	total	324	2,005	2,426	2,308	2,858	3,135	3058
Kalay University	fresh	1,183	1,830	1,852	2,363	1,511	2,472	1740
	total	1,628	4410	4,619	5,058	5,479	6,816	6862
Bamaw University	fresh	192	496	637	785	685	678	611
	total	300	1,703	1,842	2,009	2,282	2,385	2352
Panglong University	fresh	197	234	243	172	171	204	191
	total	472	592	651	567	677	726	722
Maubin University	fresh	540	805	868	737	1,067	1,502	592
	total	1,216	2,104	2,109	1,978	2,799	3,668	3483
Myeik University	fresh	650	900	1,130	975	1,152	995	1140
	total	979	2,689	2,647	2,583	3,352	3,511	3772
Loikaw University	fresh	248	722	806	546	558	638	491
	total	272	1,671	1,995	1,741	2,025	2,125	1894
Kyaing Tong University	fresh	127	274	356	254	274	273	259
	total	157	670	789	738	928	1,006	949
Bago University	fresh	1,215	1,606	1,752	1,949	2,330	2,937	2512
	total	1,786	3,753	4,320	4,492	5,755	6,988	7559
Shwebo University	fresh	1,017	1,296	2,049	2,145	1,699	2,694	2264
	total	2,299	3,395	4,426	5,037	6,216	7,845	8432
Sagaing University	fresh	-	-	718	932	524	982	946
	total	-	-	718	1,570	1,961	2,834	3291
University of Foreign Languages	fresh	539	875	1,188	1,005	1,126	1,275	1230
	total	3,942	3,092	3,837	3,742	4,713	4,991	5235
Yangon	fresh	177	480	620	519	616	738	827
	total	2,314	1,938	2,408	2,297	2,893	3,062	3357
Mandalay	fresh	362	395	568	486	510	537	403
	total	1,628	1,154	1,429	1,445	1,820	1,929	1878

TABLE 5.13 ENROLLMENT IN HIGHER EDUCATION (concl'd)

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Degree College								
Yanangyaung	fresh	612	731	707	715	623	1,192	917
	total	1107	1901	1884	1806	2,162	2,920	3167
Myingyan	fresh	476	1068	1225	1447	1,318	1,657	1689
	total	909	2974	3344	3642	4,484	5,204	5645
Moehnyin	fresh	404	731	884	928	629	666	560
	total	799	1912	2304	2376	2,613	2,536	2317
TaungGoke	fresh	-	-	352	433	394	552	528
	total	-	-	352	688	966	1,364	1641
Mandalar	fresh	-	-	929	1454	1,672	1,824	1500
	total	-	-	929	2224	3,522	4,716	5348
Harkar college	fresh	-	-	-	-	-	-	210
	total	-	-	-	-	-	-	210
International Theravada	fresh	47	45	48	51	54	44 (r)	35
Buddhist Missionary	total	206	221	262	285	264	235 (r)	269
University								

Notes: 1. Years refer to academic year.

2. Animal Husbandry and Veterinary Science was renamed as University of Veterinary Science in 1999.

3. Myingyan, Moehnyin Degree Colleges opened in 2003

4. WYTU was opened in 2005.

5. University of Public Health, Yangon opened in 2007.

6. Table (5.13) shows the number of students who attended the Bachelor of Engineering courses at the GTI and GTC under DTVET.

Sources:

1. Department of Higher Education.

2. Department of Human Resources for Health.

3. Agricultural University.

4. University of Forestry.

5. University of Veterinary Science.

6. Department of Technical and Vocational Education and Training.

7. International Theravada Buddhist Missionary University.

8. Myanmar Maritime University.

9. Department of Fine Arts.

10. Myanmar Mercantile Marine College.

TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION

Academic Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Institutes	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PROFESSIONAL UNIVERSITY							
Medicine	1537	1622	1374	1391	1516	1950	2028
Yangon Medicine I	511	447	418	425	465	576	591
Yangon Medicine II	442	458	385	388	421	533	548
Mandalay	401	458	365	373	417	518	536
Magway	183	259	206	205	213	257	268
Taunggyi	-	-	-	-	-	66	85
Dental Medicine	209	275	252	246	283	322	315
Yangon	113	160	140	138	158	178	175
Mandalay	96	115	112	108	125	144	140
Medical Technology	95	101	118	152	147	188	190
Yangon	52	51	62	80	78	102	109
Mandalay	43	50	56	72	69	86	81
Nursing	269	231	253	216	231	310	309
Yangon	180	149	144	112	120	157	157
Mandalay	89	82	109	104	111	153	152
Pharmacy	83	85	108	134	137	189	193
Yangon	45	40	57	76	78	100	99
Mandalay	38	45	51	58	59	89	94
Community Health							
(Magway)	51	56	66	67	75	67	64
Public Health							
(Yangon)	-	19	19	21	19	23	28
Traditional Medicine	-	165	157	154	145	137	122
Technological University/ Colleges/Institutes	464	829	6264	827	4263	4492	4460
Myanmar Aerospace and Engineering	79	93	100	102	107	94	102
Computer	1335	1461	1415	1553	1723	1526	1583
Economics	496	443	468	454	492	505	499
Yangon	254	209	217	208	232	232	233
Monywa	126	122	131	129	150	156	152
Meiktila	116	112	120	117	110	117	114
Education	250	221	306	300	365	398	339
Yangon	149	128	157	152	176	202	188
Sagaing	101	93	149	148	189	196	151
Agriculture	140	161	184	176	205	195	209
Forestry	38	47	53	51	50	38	34

TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION (cont'd)
Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institute	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Veterinary Science	56	70	90	94	82	80	105
Arts and Culture							
Yangon	125	103	122	123	114	115	131
Mandalay	81	102	102	100	104	102	118
Myanmar Maritime	120	136	117	115	113	114	111
Myanmar Mercantile	-	55	62	56	41	41	39
Marine College	-	-	-	-	-	-	-
NON-PROFESSIONAL UNIVERSITY							
Yangon University	1130	794	691	673	852	739	828
Mawlamyine University	406	487	457	440	428	418	411
Patheingyi University	314	373	377	358	385	422	385
Sittwe University	206	212	224	223	200	191	175
Mandalay University	622	546	451	419	504	495	558
Magway University	284	344	353	351	360	390	359
Myittha University	198	203	267	261	306	319	287
Taunggyi University	248	271	322	311	336	348	346
Monywa University	369	421	467	463	465	515	514
University of Distance Education	367	333	306	289	339	352	325
University of Foreign Languages	297	286	341	336	363	372	346
Dagon University	1048	1039	1104	1089	1070	1026	1046
Pyaw University	273	333	327	316	301	301	294
Meiktila University	247	283	315	306	300	312	318
Taungtha University	233	212	277	266	261	248	239

TABLE 5.14 TEACHING AND RESEARCH STAFF IN HIGHER EDUCATION (concl'd)
Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institute	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Dawei University	197	192	181	177	190	191	197
Yadanabon University	542	734	849	833	756	768	737
University of East Yangon	542	473	523	508	550	545	524
Pakokku University	202	217	304	303	294	319	297
Hpa-an University	184	187	192	188	181	183	189
Lashio University	120	129	164	162	158	168	162
Kalay University	160	148	200	202	241	244	217
University of West Yangon	338	313	376	364	395	389	366
Kyaukse University	169	160	243	237	269	277	249
Hinthada University	211	229	241	236	250	247	224
Bamaw University	79	95	119	115	153	157	145
Kyaington University	88	91	88	86	133	141	125
Myeik University	189	184	186	186	182	177	167
Panglong University	157	109	103	101	172	175	143
Maubin University	218	203	219	213	252	247	231
Loikaw University	138	120	130	131	176	182	173
Bago University	151	191	265	263	275	300	291
Shwebo University	134	180	251	251	269	276	280
Sagaing University	-	-	99	99	203	205	181
Degree College							
Yanangyaung	100	95	153	149	165	149	140
Myingyan	117	106	166	165	195	192	179
Moehnyin	87	90	121	119	186	175	140
Taung Goke	-	-	57	57	63	67	89
Mandalay	-	-	65	66	89	111	181
Harkhar	-	-	-	-	-	-	24
National Management college	14	16	31	30	30	32	39
International Theravada	60	62	64	62	51	58	58
Buddhist Missionary University	-	-	-	-	-	-	-

Notes: 1. Myingyan, Moehyin Degree Colleges opened in 2003.

2. WYTU was opened in 2005.

Sources: 1. Department of Higher Education.

2. Department of Human Resources for Health.

3. Agricultural University.

4. University of Forestry.

5. University of Veterinary Science.

6. Department of Technical and Vocational Education and Training.

7. International Theravada

Buddhist Missionary University.

8. Myanmar Maritime University.

9. Department of Fine Arts.

10. Myanmar Mercantile Marine college.

TABLE 5.15 GRADUATES OF HIGHER EDUCATION

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Field of Specialization	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PROFESSIONAL UNIVERSITY							
Medicine	1,128	2,317	2,249	2,293	729	2,276	2637
Medical graduates	792	2,036	1,931	1,929	281	1,627	1,894
Diploma in Medical Science	61	5	36	62	46	152	215
Master of Medical Science	210	235	231	260	326	422	452
Doctor of Medical Science	51	26	43	27	61	61	65
Ph.D	14	15	8	15	15	14	11
Dental Medical	179	286	277	276	244	268	327
Dental Graduates	165	269	239	223	191	229	251
Diploma in Dental Science	-	-	26	35	42	15	16
Master of Dental Science	14	16	8	8	8	20	51
Doctor of Dental Science	-	1	4	9	3	3	9
Ph.D	-	-	-	1	-	1	-
Medical Technology	306	256	270	232	203	228	242
Bachelor of Medical Technology	293	243	264	223	197	213	231
Master of Medical Technology	13	13	6	9	6	15	8
Diploma in Diagnostic Medical Sonography							3
Nursing	(r) 209	429	405	466	465	557	567
Bachelor of Nursing Science	(r) 199	420	404	453	451	547	539
Master of Nursing Science	10	9	1	13	14	10	23
Diploma in Emergency Nursing							5
Pharmacy	224	253	231	216	193	229	231
Bachelor of Pharmacy	221	245	227	202	183	222	216
Master of Pharmacy	3	8	4	14	10	7	14
Ph.D							1
Community Health(Magway)	333	142	143	127	131	129	109
Bachelor of Community Health	333	142	143	127	131	129	109
Public Health	-	90	111	106	116	126	120
Diploma in Medical Science	-	23	29	38	48	36	43
Master	-	35	46	30	27	44	76
Ph.D	-	-	1	2	3	-	1
Diploma in Medical Education	-	32	35	36	38	46	34
Traditional Medicine							
Graduate(B.M.T.M)	-	130	102	116	81	94	100
Master	-	-	6	4	6	9	12
Post-graduates	-	-	-	-	-	-	-
Diploma(Dip.T.Med)	133	-	-	-	-	-	-

TABLE 5.15 GRADUATES OF HIGHER EDUCATION (cont'd)

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Field of Specialization		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Technological University	(r)	1,637	16,167	19,650	20,348	27,897	36,289	9828
Graduates	(r)	571	15,368	19,427	19,514	27,482	35,450	9828
Master	(r)	856	663	73	476	157	277	-
Architecture graduates	(r)	71	118	135	212	141	389	-
Post-Diploma	(r)	-	-	-	70	35	69	-
Pre-Diploma		132	-	-	-	-	-	-
Ph.D	(r)	-	18	15	76	82	104	-
Myanmar Aerospace and Engineering	(r)	86	70	69	68	86	112	-
Graduates		86	70	69	61	67 (r)	105 (r)	-
Master		-	-	-	-	19	7	-
Post-Diploma		-	-	-	7	-	-	-
Computer	(r)	8,866	3,755	2,529	580	1,769	346	2410
Pre- Diploma		61	-	-	-	-	-	-
Post-Diploma	(r)	527	1	-	16	45	142	-
Graduates	(r)	5,678	3,446	2,452	460	1,662	-	2349
Masters	(r)	2,600	308	21	44	51	162	61
Ph.D	(r)	-	-	6	60	11	42	-
Education		1,920	3,593	3,631	3,820	2,966	3,359	-
(Yangon,Sagaing)								
Education graduates '		1,888	3,122	3,160	3,324	2,396	2,732	-
Education post-graduates		32	126	123	153	214	270	-
Diploma		-	341	346	340	351	350	-
Ph.D		-	4	2	3	5	7	-
Economics		4,181	4,596	5,803	576	4,377	3,323	-
(Yangon,Monywa,Meiktila)								
Economics graduates		2,061	1,600	1,851	37	1,460	989	-
Economics post-graduates		79	134	135	133	141	160	-
Commerce graduates		1,801	2,045	3,111	52	2,032	674	-
Commerce post-graduates		91	69	309	26	404	581	-
Diploma		149	745	393	323	337	303	-
Ph.D		-	3	4	5	3	18	-
Agriculture		404	485	425	429	69	459 (r)	505
Agriculture graduate		306	305	384	389	-	416 (r)	463
Master of Agricultural Science		14	14	39	32	63	33 (r)	20
Master of Philosophy		6	-	-	-	-	-	1
Ph.D in Agriculture		1	6	2	3	3	5	6
Diploma in Agriculture Business Studies		77	159	-	-	-	-	-
Post Graduate Diploma in Agricultural Science (Grad Dip Agsc)		-	1	-	5	3	5 (r)	2
Post Graduate Diploma in Agricultural Science in Rice		-	-	-	-	-	-	13

TABLE 5.15 GRADUATES OF HIGHER EDUCATION (concl'd)
Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Field of Specialization	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Forestry ³	77	65	183	178	172	127 (r)	89
Forestry graduate	69	65	183	177	170	126 (r)	86
Master	8	-	-	1	2	1	3
Veterinary	145	115	653	236	269	68	231
Graduate	141	86	170	222	229	-	195
Master	4	8	6	14	26	60	32
Ph.D	-	-	2	-	7	8	4
Diploma	-	21	475	-	7	-	-
Arts and Culture Graduates	(r) 98	140	195	228	77	133	-
Yangon	(r) 53	94	124	151	21	77	-
Mandalay	45	46	71	77	56	56	-
Myanmar Maritime	-	268	414	490	477	459	531
Graduates	-	250	374	405	382	399	394
Post-Graduates	-	18	40	85	95	60	137
Myanmar Mercantile Marine College							
Diploma in Nautical Studies(Dip.N.S.)	-	131	102	71	83	64	64
Diploma in Maritime Technology (Dip.Mar.Tech.)	-	147	112	85	73	69	60
NON-PROFESSIONAL							
Arts and Science ²	117,243	111,461	121,539	14,901	74,774	41,907	-
Arts graduates	75,026	66,741	72,138	6,203	45,386	9,978	-
Arts post-graduates	1,641	790	819	1,136	1,142	1,103	-
Arts Diploma	-	-	-	2,369	2,205	1,894	-
Arts Ph.D	-	-	-	180	185	132	-
Science graduates	34,901	38,848	42,475	2,252	22,831	26,041	-
Science post-graduates	4,372	1,878	2,003	2,238	2,490	2,319	-
Science Diploma	1,156	2,590	3,576	314	318	229	-
Science Ph.D	147	614	528	209	217	211	-
Foreign Languages	336	907	1,507	254	974	951	-
(Yangon, Mandalay)							
Graduates	-	570	767	-	762	880	-
Post-Graduates	-	18	54	42	36	58	-
Diploma	-	319	686	212	176	173	-
Ph.D	-	-	-	-	-	3	-
International Theravada	122	99	113	121	121	93	106
Buddhist Missionary University							
Diploma	67	45	59	58	49	42	66
Graduates	44	38	37	47	42	51	40
Master	10	16	13	16	28	10 (r)	-
Ph.D	1	-	4	-	2	-	-

- Notes: 1. Education graduates include correspondence graduates in Education.
2. The duration of the course has been changed from six years to five since 2001-2002.
3. Arts graduates include English and Law major students.

- Sources: 1. Department of Technical and Vocational Education and Training.
2. Department of Higher Education.
3. Department of Human Resources for Health.
4. Agricultural University.
5. University of Forestry.
6. University of Veterinary Science.
7. International Theravada Buddhist Missionary University.
8. Myanmar Maritime University.
9. Department of Fine Arts.
10. Myanmar Mercantile Marine college.

METHODOLOGY SHEET | **Distance education**

Responsible Unit (Service or Structure)	Yangon Institute of Education, Yangon University of Distance Education, Mandalay University of Distance Education
Level of Disaggregation	Yangon and Mandalay Universities of Distance Education and Yangon Institute of Education
Study Variables	Number of enrolled, appeared and passed of Arts and Science, Law, Economics, Interdisciplinary Education
Classification Variables	Subject and Class
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Academic Year
Units	University of Distance Education and Institute of Education
Tables	5.16

TABLE 5.16 ENROLLMENT IN UNIVERSITY OF DISTANCE EDUCATION AND INSTITUTE OF EDUCATION

Academic Years 2012 - 2016, absolute values

Particulars	Year	First Year			Second Year			Third Year		
		Enrolled	Appeared	Passed	Enrolled	Appeared	Passed	Enrolled	Appeared	Passed
TOTAL	2012	109,580	91,678	70,363	96,288	87,884	70,821	79,386	74,165	61,302
	2012-2013	1,648	1,527	1,378	1,394	1,370	1,265	-	-	-
	2013	117,407	98,848	74,894	96,274	87,728	68,813	88,971	84,777	69,367
	2013-2014	1,389	1,285	1,156	1,475	1,444	1,376	-	-	-
	2014	130,060	100,199	78,420	103,480	92,929	71,311	85,079	78,663	58,652
	2014-2015	1,369	1,248	1,129	1,241	1,223	1,150	-	-	-
	2015	143,411	120,831	78,649	110,364	99,872	70,974	95,861	88,880	59,512
	2015-2016	1,495	1,397	1,311	1,202	1,178	1,056	-	-	-
2016	187,963	159,671	99,075	118,331	106,322	71,474	104,858	95,640	62,765	
2016-2017	1,829	1,726	1,676	1,419	1,390	1,365	-	-	-	
Arts	2012	83,680	70,789	55,402	70,459	65,220	53,208	60,009	56,665	47,878
	2013	83,487	70,799	55,133	70,019	64,840	51,043	65,094	62,447	51,993
	2014	93,042	78,821	58,786	71,957	65,620	50,939	60,804	56,764	43,480
	2015	108,500	92,545	69,599	77,974	71,672	52,519	66,487	62,101	43,475
	2016	159,900	137,859	86,222	86,746	79,332	54,704	73,686	68,346	46,341
Science	2012	7,941	5,978	4,547	12,191	10,376	8,483	7,835	7,173	6,141
	2013	12,996	10,422	7,868	11,812	9,861	7,623	10,718	10,156	8,597
	2014	15,073	11,809	7,820	15,211	12,610	8,934	10,044	8,992	6,525
	2015	11,962	9,039	5,648	16,326	13,566	8,475	13,020	11,775	6,975
2016	14,612	11,352	7,731	15,870	12,844	7,832	14,910	13,286	8,457	
Law	2012	7,898	6,460	4,414	6,200	5,649	4,413	6,519	5,771	3,998
	2013	7,704	6,355	3,884	5,985	5,433	4,116	6,666	6,061	3,764
	2014	6,170	4,961	2,625	5,710	5,102	3,489	6,614	5,883	3,418
	2015	4,049	3,134	1,465	4,555	4,093	2,680	6,297	5,629	2,871
2016	4,236	3,251	1,862	3,289	2,814	1,377	5,934	5,177	2,718	
Economics	2012	9,357	7,914	5,625	6,761	6,064	4,320	4,394	4,018	2,921
	2013	12,240	10,492	7,484	7,849	7,070	5,664	5,832	5,517	4,663
	2014	12,827	2,068	7,587	9,453	8,592	7,212	6,541	6,067	4,689
	2015	12,698	10,714	5,854	9,580	8,774	6,014	8,868	8,307	5,539
	2016	7,056	5,514	2,565	9,140	8,229	5,209	9,000	8,327	4,986
Interdisci- plinary	2012	704	537	375	677	575	397	629	538	364
	2013	980	780	525	609	524	367	661	596	350
	2014	2,948	2,540	1,602	1,149	1,005	737	1,076	957	540
	2015	6,202	5,399	3,212	1,929	1,767	1,286	1,189	1,068	652
2016	2,159	1,695	695	3,286	3,103	2,352	1,328	1,222	723	
Education1/	2012-2013	1,648	1,527	1,378	1,394	1,370	1,265	-	-	-
	2013-2014	1,389	1,285	1,156	1,475	1,444	1,376	-	-	-
	2014-2015	1,369	1,248	1,129	1,241	1,223	1,150	-	-	-
	2015-2016	1,495	1,397	1,311	1,202	1,178	1,056	-	-	-
	2016-2017	1,829	1,726	1,676	1,419	1,390	1,365	-	-	-

TABLE 5.16 ENROLLMENT IN UNIVERSITY OF DISTANCE EDUCATION AND INSTITUTE OF EDUCATION (concl'd)

Academic Years 2012 - 2016, absolute values

Particulars	Year	Fourth Year			Fifth Year			Graduated Student		
		Enrolled	Appeared	Passed	Enrolled	Appeared	Passed	Enrolled	Appeared	Passed
TOTAL	2012	6,336	5,858	4,041	-	-	-	6,336	5,858	4,041
	2013	6,093	5,653	3,841	-	-	-	6,093	5,653	3,841
	2014	5,918	5,574	4,214	-	-	-	5,918	5,574	4,214
	2015	59,453	57,817	46,541	-	-	-	59,453	57,817	46,541
	2016	71,043	68,021	49,979	2,591	2,529	1,654	78,408	75,395	55,287
Arts	2012	-	-	-	-	-	-	60,009	56,665	47,878
	2013	-	-	-	-	-	-	65,094	62,447	51,993
	2014	-	-	-	-	-	-	-	-	-
	2015	42,967	42,007	35,532	-	-	-	42,967	42,007	35,532
	2016	50,291	48,348	36,992	-	-	-	59,910	57,566	43,125
Science	2012	-	-	-	-	-	-	7,835	7,173	6,141
	2013	-	-	-	-	-	-	10,718	10,156	8,597
	2014	-	-	-	-	-	-	-	-	-
	2015	6,537	6,371	4,797	-	-	-	6,537	6,371	4,797
	2016	8,627	8,289	6,414	-	-	-	8,627	8,289	6,414
Law	2012	6,336	5,858	4,041	-	-	-	6,336	5,858	4,041
	2013	6,093	5,653	3,841	-	-	-	6,093	5,653	3,841
	2014	5,918	5,574	4,214	-	-	-	5,918	5,574	4,214
	2015	4,766	4,369	2,617	-	-	-	4,766	4,369	2,617
	2016	4,845	4,373	2,479	2,591	2,529	1,654	2,591	2,529	1,654
Economics	2012	-	-	-	-	-	-	4,394	4,018	2,921
	2013	-	-	-	-	-	-	5,832	5,517	4,663
	2014	-	-	-	-	-	-	-	-	-
	2015	4,652	4,547	3,175	-	-	-	4,652	4,547	3,175
	2016	6,899	6,643	3,890	-	-	-	6,899	6,643	3,890
Interdisciplinary	2012	-	-	-	-	-	-	629	538	364
	2013	-	-	-	-	-	-	661	596	350
	2014	-	-	-	-	-	-	-	-	-
	2015	531	523	420	-	-	-	531	523	420
	2016	381	368	204	-	-	-	381	368	204

Notes: Year refers to academic year.

1/Enrollment in Institute of Education.

Sources: 1. Yangon Institute of Education.

2. Yangon University of Distance Education.

3. Mandalay University of Distance Education.

 METHODOLOGY SHEET | **State scholars for training abroad**

Responsible Unit (Service or Structure)	Scholarship Selection and Approval Committee
Level of Disaggregation	Union
Study Variables	Number of training and degree or diploma of State Administrative Organizations, Ministries, Non Government Organizations
Classification Variables	Trainings, Degree/Diploma by Organizations and Ministries
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily, Monthly, Yearly
Units	Scholars
Tables	5.17

TABLE 5.17 STATE SCHOLARS FOR TRAINING ABROAD
Year 2016, absolute values

Organizations/Ministries	Training	Degree/Diploma	Total
Grand Total			
State Administrative Organizations			
The President Office	8	1	9
Union Government's Office	4	-	4
Pyidaungsu Hluttaw Office	6	-	6
Pyithu Hluttaw Office	8	-	8
Amyotha Hluttaw Office	8	-	8
Supreme Court of the Union	2	2	4
Union Election Commission Office	4	1	5
Union Attorney General's	13	3	16
Office of the Auditor	14	2	16
Union Civil Services Board	10	2	12
Central Bank of Myanmar	43	4	47
Naypyitaw City Development Committee	7	1	8
Anti-Corruption Commission	2	-	2
Ministries			
Ministry of Foreign Affairs	45	7	52
Ministry of Home Affairs	377	7	384
Ministry of Defence	725	95	820
Ministry of Border Affairs	8	-	8
Ministry of State Consellor's Office	2	-	2
Ministry of Information	23	3	26
Ministry of Religious Affairs and Culture	20	4	24
Ministry of Agriculture, Livestock and Irrigation	235	61	296
Ministry of Transport and Communications	264	11	275
Ministry of Natural Resources and Environmental Conservation	102	31	133
Ministry of Electricity and Energy	76	4	80
Ministry of Labour, Immigration and Population	52	6	58
Ministry of Industry	102	6	108
Ministry of Commerce	37	4	41
Ministry of Education	486	149	635
Ministry of Health and Sports	331	33	364
Ministry of Planning and Finance	118	32	150
Ministry of Construction	36	2	38
Ministry of Social Welfare, Relief and Resettlement	31	3	34
Ministry of Hotels & Tourism	62	5	67
Kachin State	1	-	1
Kayah State	1	-	1
Kayin State	1	-	1
Chin State	1	-	1
Tanintharyi Region	1	-	1
Bago Region	4	-	4
Magway Region	1	-	1
Mandalay Region	13	3	16
Mon State	1	-	1
Rakhine State	2	-	2
Yangon Region	33	3	36
Shan State	1	-	1
Ayeyawady Region	1	-	1

Note: Training that didn't get the degree or diploma.

Source: Scholarship Selection and Approval Committee.

 METHODOLOGY SHEET | **Education Colleges**

Responsible Unit (Service or Structure)	Ministry of Education, University for the Development of the National Races of the Union
Level of Disaggregation	Union, States and Regions
Study Variables	Students of Appeared and Passed
Classification Variables	Grade II/PTC, Grade I/JTC
Type of Dissemination	Publication (Book and CD Rom) on databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Education Colleges
Tables	5.18

TABLE 5.18 EDUCATION COLLEGES

Academic Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	A	4,393	112	n.a.	3,095	2,730	24,745	21,586
	P	4,393	112	n.a.	3,094	2,730	24,745	21,586
Education College (Grade II / PATC)								
Kachin State	A	195	-	n.a.	n.a.	n.a.	804	1,361
	P	195	-	n.a.	n.a.	n.a.	804	1,361
Kayah State	A	508	-	n.a.	n.a.	n.a.	1,477	1,757
	P	508	-	n.a.	n.a.	n.a.	1,477	1,757
Kayah State	A	-	-	-	-	-	70	-
	P	-	-	-	-	-	70	-
Sagaing Region ^{1/}	A	1,036	-	n.a.	749	516	2,845	1,629
	P	1,036	-	n.a.	748	516	2,845	1,629
Bago Region	A	546	-	n.a.	249	237	2,498	1,515
	P	546	-	n.a.	249	237	2,498	1,515
Magway Region	A	57	-	n.a.	506	461	2,061	1,550
	P	57	-	n.a.	506	461	2,061	1,550
Mandalay Region	A	848	-	n.a.	463	453	1,838	1,533
	P	848	-	n.a.	463	453	1,838	1,533
Mon State	A	-	-	n.a.	n.a.	n.a.	923	-
	P	-	-	n.a.	n.a.	n.a.	923	-
Rakhine State	A	477	-	n.a.	163	158	1,547	1,496
	P	477	-	n.a.	163	158	1,547	1,496
Yangon Region	A	311	-	n.a.	636	589	2,583	2,746
	P	311	-	n.a.	636	589	2,583	2,746
Shan State	A	-	-	n.a.	186	179	2,991	3,269
	P	-	-	n.a.	186	179	2,991	3,269
Ayeyarwady Region	A	183	-	n.a.	143	137	3,425	3,093
	P	183	-	n.a.	143	137	3,425	3,093
Tanintharyi Region	A	232	112	n.a.	n.a.	n.a.	1,683	1,637
	P	232	112	n.a.	n.a.	n.a.	1,683	1,637

TABLE 5.18 EDUCATION COLLEGES (concl'd)

Academic Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions		2005-2006	2010-2011	2012-2013	2013-2014(r)	2014-2015(r)	2015-2016	2016-2017
TOTAL	A	7,297	4,927	2,810	3,046	2,773	-	8,806
	P	7,297	4,927	2,792	3,046	2,773	-	8,806
Education college (Grade I / JATC)								
Kachin State	A	233	107	75	81	76	-	-
	P	233	107	75	81	76	-	-
Karyah State	A	-	-	-	-	-	-	733
	P	-	-	-	-	-	-	733
Kayin State	A	-	-	-	-	-	-	-
	P	-	-	-	-	-	-	-
Sagaing Region	A	621	316	571	563	542	-	1,323
	P	621	316	571	563	542	-	1,323
Bago Region	A	718	221	203	147	128	-	1,237
	P	718	221	203	147	128	-	1,237
Magway Region	A	225	189	184	123	116	-	579
	P	225	189	184	123	116	-	579
Mandalay Region	A	1,382	415	256	567	537	-	1,887
	P	1,382	415	246	567	537	-	1,887
Mon State	A	274	315	151	212	189	-	639
	P	274	315	151	212	189	-	639
Rakhine State	A	286	140	137	-	-	-	-
	P	286	140	131	-	-	-	-
Yangon Region	A	1,415	1,444	345	222	203	-	1,154
	P	1,415	1,444	345	222	203	-	1,154
Shan State	A	940	639	357	277	247	-	-
	P	940	639	355	277	247	-	-
Ayeyarwady Region	A	829	950	336	700	613	-	1,254
	P	829	950	336	700	613	-	1,254
Tanintharyi Region	A	374	191	195	154	122	-	-
	P	374	191	195	154	122	-	-

- Notes :
1. Years refer to academic year (June to March).
 2. Teachers' Training Schools were upgraded to Education College Grade II and Teachers' Training Colleges were renamed as Education College in 1998.
 3. Data for 1998-1999 to 2004-2005 relate to correspondence course only.
 4. All Education Colleges(Grade II) are upgraded to(Grade I) colleges since 2004-2005
 5. PATC=Primary Assistant Teacher's Certificate
 6. JATC =Junior Assistant Teacher's Certificate
 7. 1/ Includes students trained at the University for the Development of the National Races of Unions.
 8. JATC training was not opened in 2015-2016.
 9. A= Appeared, P= Passed

- Sources: 1. Department of Educational Research Planning and Training.
2. University for the Development of the National Races of the Union.

 METHODOLOGY SHEET | **Technical, Agricultural and Vocational Trainees**

Responsible Unit (Service or Structure)	Department of Technical and Vocational Education and Training, Small- Scale Industries Department, Department of Agricultural Planning, Fisheries Department, Co-operative Department, Ministry of Education, Department of Social Welfare, Department of Education and Training
Level of Disaggregation	Union
Study Variables	Technical, Agricultural and Vocational Training
Classification Variables	Type of Institute
Type of Dissemination	Publication (Book and CD Rom) online databank
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Vocational Training
Tables	5.19, 5.20

TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES

Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Technical Institutes								
Government Technical Institutes	A	7,845	-	-	1,571	4,098	6,846	9,475
	P	6,642	-	-	1,097	3,110	5,727	-
Government Technical Institutes (Evening)	A	-	-	-	-	-	-	-
	P	-	-	-	-	-	-	-
Agricultural Institutes	A	651	563	517	882	1,516	822 (r)	1,437
	P	635	559	515	881	1,500	813 (r)	-
Education College (Grade I/JATC)	A	7,297	4,927	2,810	3,046	2,773	-	8,806
	P	7,297	4,927	2,792	3,046	2,773	-	8,806
Education College (Grade II/PATC)	A	4,393	112	n.a.	2,896 (r)	2,730	24,745	21,586
	P	4,393	112	n.a.	2,896 (r)	2,730	24,745	21,586
Cooperative University/College								
Yangon	A	545	1,425	1,526	1,331	1,815	1,873	1,808
	P	205	1,262	1,387	1,130	1,713	1,618	-
Others	A	567	1,305	2,257	2,182	2,781	3,323	3,253
	P	278	1,210	2,051	1,787	2,525	2,957	-
Myanmar Lacquerware College	A	23	102	52	91	155	177	183
	P	23	102	48	84	138	142	-
Technical Schools								
Government Technical High Schools	(r) A	-	7,586	3,069	2,439	2,463	5,543	6,519
	(r) P	-	5,896	2,058	1,578	1,585	3,160	4,747
Agricultural High Schools	A	-	-	-	-	-	-	-
	P	-	-	-	-	-	-	-
Commercial Training School	A	298	285	157	155	116	198	194
	P	298	285	157	153	113	190	189
Computer Operator Course	A	150	108	314	310	-	-	-
	P	148	102	314	306	-	-	-
Engineering Technology Evening Classes	A	751	575	478	483	-	-	-
	P	718	575	440	459	-	-	-
Handicraft	A	150	108	314	310	-	-	-
	P	148	102	314	306	-	-	-
Weaving Schools	A	187	206	234	288	231	240	380
	P	187	206	234	288	211	215	379
Fishery Schools	A	739	778	1,225	1,206	812	606 (r)	1,722
	P	739	778	1,225	1,206	812	606 (r)	1,722
Others	A	2,978	4,660	6,515	6,332	7,879	10,139	13,019
	P	2,612	4,121	5,455	5,800	6,175	9,491	12,069

TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES (cont'd)
Academic Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Training School For Development	A	2341	2984	3086	3314	3477	5432	6305
Nationalities Youth from Border Areas	P	2139	2584	2658	2830	2966	4957	6305
Technical Schools for Nationalities	A	81	162	170	242	334	420	833
Youth in Border Areas	P	81	162	170	242	334	420	833
Training course of Capentry,	A	-	40	20	10	18	40	108
Masonry Work	P	-	40	20	10	18	40	108
Basic Mechanic Course	A	-	82	130	185	209	204	386
	P	-	82	130	185	209	204	386
Basic Electronic Wedding Course	A	-	40	20	25	54	138	312
	P	-	40	20	25	54	138	312
Electronic Fuel Injection	A	-	-	-	-	-	22	8
	P	-	-	-	-	-	22	8
Construction Course	A	-	-	-	-	-	16	19
	P	-	-	-	-	-	16	19
Technical Schools for Nationalities	A	-	100	-	-	250	130	83
Youth in Border Areas (Mobile)	P	-	100	-	-	250	130	83
Training course of Capentry,	A	-	100	-	-	50	50	44
Masonry Work	P	-	100	-	-	50	50	44
Basic Mechanic Course	A	-	-	-	-	-	80	39
	P	-	-	-	-	-	80	39
Basic Electronic Wedding Course	A	-	-	-	-	200	-	-
	P	-	-	-	-	200	-	-
Vocational Training School of	A	3035	4351	4908	5573	5953	6049	6965
Domestic Science for Women	P	3035	4351	4908	5573	5953	6049	6965
Basic Vocational	A	-	3269	3634	4142	4153	4182	4967
	P	-	3269	3634	4142	4153	4182	4967
Advanced Tailoring	A	-	895	1213	1271	1682	1803	1852
	P	-	895	1213	1271	1682	1803	1852
Knitting Course	A	-	111	56	44	11	-	-
	P	-	111	56	44	11	-	-
Course Oyster Shell and Gem	A	-	13	-	-	-	-	-
Paining	P	-	13	-	-	-	-	-
Hand-loom Course	A	-	12	3	31	17	-	42
	P	-	12	3	31	17	-	42
Traditional Hand Weaving Course	A	-	-	-	85	90	64	104
	P	-	-	-	85	90	64	104
Bamboo and Cane Domestic	A	-	51	2	-	-	-	-
Handiwork Course	P	-	51	2	-	-	-	-
Cooling Course	A	-	-	-	-	-	-	-
	P	-	-	-	-	-	-	-
Vocational Training School of	A	-	240	252	728	1588	1073	385
Domestic Science for Women (Mobile)	P	-	240	252	728	1588	1073	385
Basic Vocational	A	-	120	204	665	710	501	306
	P	-	120	204	665	710	501	306
Advanced Tailoring	A	-	-	48	38	365	268	79
	P	-	-	48	38	365	268	79
Knitting Course	A	-	-	-	12	-	-	-
	P	-	-	-	12	-	-	-
Course Oyster Shell and Gem	A	-	-	-	13	-	-	-
Paining	P	-	-	-	13	-	-	-
Advanced Dress Making Special	A	-	120	-	-	513	304	-
Training Course	P	-	120	-	-	513	304	-

TABLE 5.19 TECHNICAL, AGRICULTURAL AND VOCATIONAL TRAINEES (concl'd)
Academic Years 2005/2006,2010/2011,2012/2013 - 2016/2017, absolute values

Institutes		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
UNDR								
Master of Education	A	-	12	-	-	1	2	12
	P	-	-	12	-	-	-	1
B.Ed (1) year	A	-	99	-	-	-	-	-
	P	-	99	-	-	-	-	-
B.Ed (4) year	A	-	242	-	-	-	-	-
	P	-	237	-	-	-	-	-
B.Ed (5) year	A	-	-	237	192	260	322	1287
	P	-	-	-	-	-	-	-
B.Ed (2) year Bridge	A	-	163	-	-	-	-	-
	P	-	154	-	-	-	-	-
Diploma in Teacher Education	A	-	-	-	-	-	-	107
	P	-	-	-	-	-	-	-
Junior Assistant Teacher Certificate	A	-	15	-	-	-	-	-
	P	-	15	-	-	-	-	-
Primary Assistant Teacher Certificate	A	-	-	204	107	-	-	-
	P	-	-	-	-	198	105	-
NYRDDC								
Arts	A	176	132	114	160	258	320	438
	P	38	59	39	37	37	-	-
Science	A	262	403	522	493	636	666	707
	P	62	127	172	139	139	-	-
A.G.T.C	A	92	189	323	281	429	580	591
	P	56	81	185	-	-	-	-
Remedial	A	-	-	-	-	-	61	-
	P	-	-	-	-	-	-	-
Central Training School (Modernize Motor Machine Course)								
	A	-	-	-	-	882	564	599
	P	-	-	-	-	882	564	599

Notes : 1. A= Appeared, P= Passed

- 1Years refer to academic year, which varies depending on the type of course Yangon. Cooperative Degree College award bachelor degree. Since 2000-2001. Other Colleges. (Phaunggyi, Mandalay and Sagaing) give diploma.
- Master of Education appear 4 in 2005-2006
- B.Ed(4) years appears 228 in 2005-2006 is passed in 2009-2010.
- UDNR= The University for the Development of the National Races Of the Union in Sagaing
- NYRDDC= Nationalities Youth Resources Development Degree College in Yangon and Sagaing.

- Sources:1. Department of Technical and Vocational Education and Training.
2. Small-Scale Industries Department.
3. Department of Agricultural Planning.
4. Fisheries Department.
5. Co-operative Department.
6. Ministry of Education.
7. Department of Social Welfare.
8. Department of Education and Training.

TABLE 5.20 VOCATIONAL TRAINEES BY TYPE OF SKILL

Academic Years 2010/2011, 2012/2013 - 2016/2017, absolute values

Course		2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
GOVERNMENT TECHNICAL	A	7586	3069	2439	2463	5543	6519
HIGH SCHOOL	P	5896	2058	1578	1585	3160	4747
a. Building Technology	A	2330	1011	777	819	1531	1688
	P	1878	748	512	562	1056	1310
b. Electronics Technology	A	1167	417	324	357	865	1154
	P	903	283	229	206	484	822
c. Electrical Technology	A	1040	464	473	431	1065	1424
	P	772	337	314	278	584	1011
d. Building Service Technology	A	172	28	-	-	-	-
	P	271	-	-	-	-	-
e. Auto Mechanics Technology	A	1744	684	460	439	1108	1221
	P	1392	409	252	253	562	854
f. Machining Technology	A	884	383	279	291	671	733
	P	650	231	190	185	303	530
g. Metal Processing Technology	A	68	70	60	68	75	64
	P	30	28	28	28	36	51
h. Information Technology	A	-	-	66	57	176	178
	P	-	-	53	72	107	130
i. Refrigeration and Air Conditioning	A	181	11	-	1	52	57
	P	-	22	-	1	28	39

TABLE 5.20 VOCATIONAL TRAINEES BY TYPE OF SKILL (concl'd)
Academic Years 2010/2011, 2012/2013- 2016/2017, absolute values

Course		2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
GOVERNMENT TECHNICAL	A	-	-	1571	4098	6846	9475
INSTITUTES	P	-	-	1097	3110	5727	-
a.Civil Engineering	A	-	-	450	1164	1903	2632
	P	-	-	328	884	1585	-
b.Electrical Communication	A	-	-	313	816	1427	1995
	P	-	-	207	606	1207	-
c.Electrical Power	A	-	-	332	988	1712	2340
	P	-	-	248	778	1475	-
d.Mechanical	A	-	-	476	1096	1740	2288
	P	-	-	314	814	1401	-
e.InformationTechnology	A	-	-	0	34	64	220
	P	-	-	0	28	59	-

Notes : 1.Years refer to academic year, which varies depending on the type of course

2.A= Appeared

P= Passed

Source: Department of Technical and Vocational Education and Training

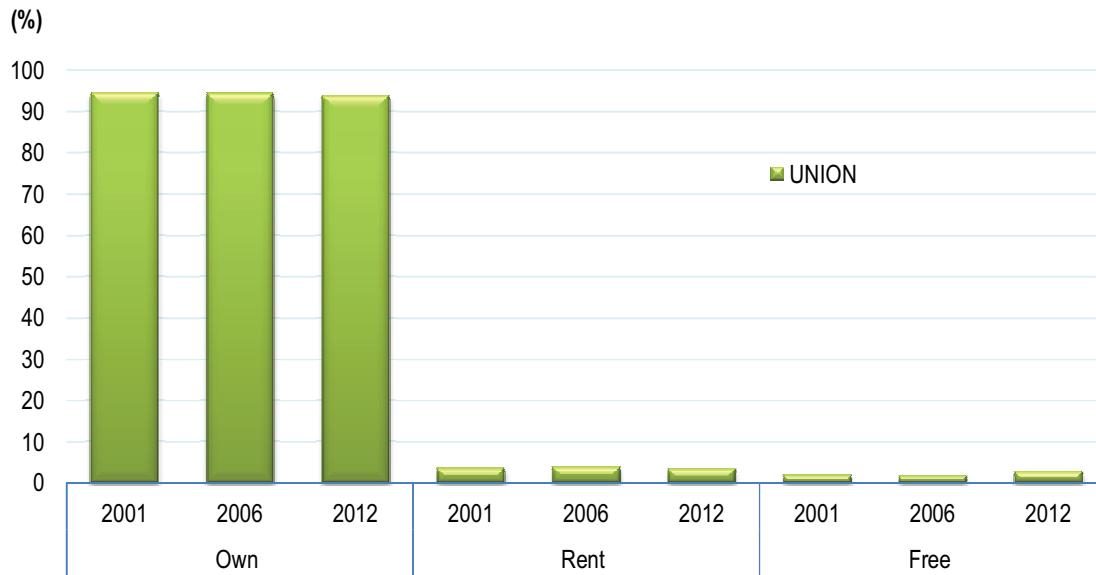


6

Households and Social Issues

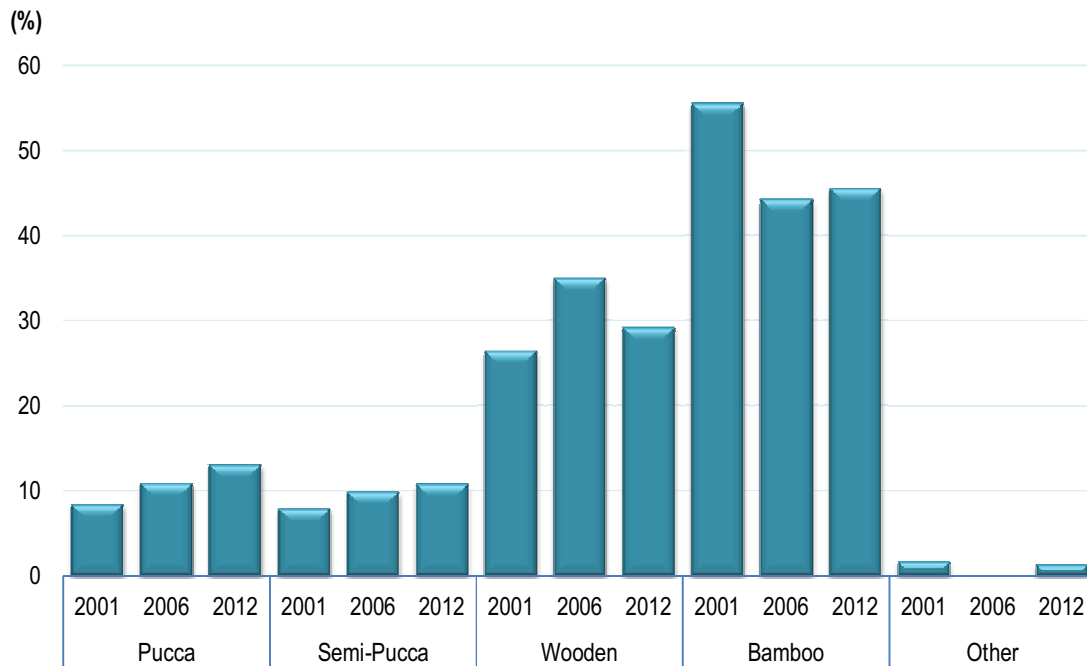
In 2012, the percentage **distribution of household by own**, rent and free were **93.8**, 3.5 and 2.7 respectively. The percentage distribution of households by Pucca, Semi-Pucca, **Wodden**, **Bamboo** and Other were 13.1, 10.8, **29.2**, **45.6** and 1.3 respectively. The percentage distribution of households by **electricity** was **57.5**, **7.2** in **Battery** and **35.3** in **other**. The percentage distribution of households with **Good Sources of water** was **65.2**. Moreover, the type of **Fuel Used in Firewood** was **63.8%**, **Charcoal** was **22.4%**, **Electricity** was **13.2%** and **0.5%** was in **other**. The **circulation** of Myanmar Language newspaper (The Mirror, Myanma Alinn, Myawaddy, City News, Mandalay Yadanarbon) increased from **391 thousand copies** per publishing day in **2015** to **423 thousand copies** per publishing day in **2016**. And the Global New Light of Myanmar by English Language in 2016 was 16 thousand for daily which is the same as previous year publishing. The annual increase (32 thousands) over the previous year was about 7.8 percent. All the newspaper published online: daily.

FIGURE 6.1 DISTRIBUTION OF HOUSEHOLDS BY TYPE OF TENURE



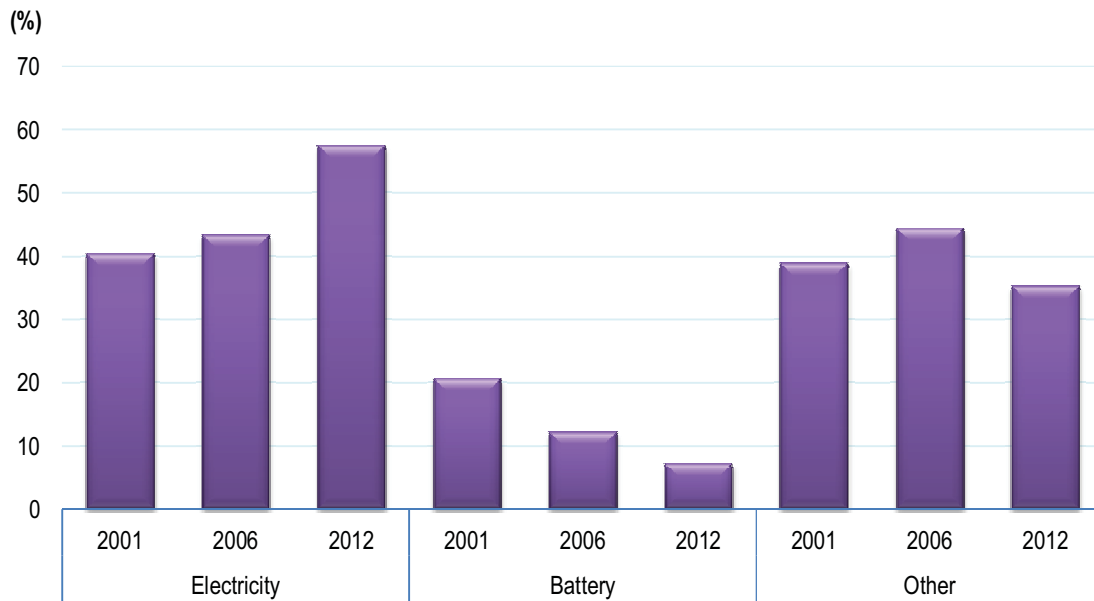
Source: Central Statistical Organization

FIGURE 6.2 DISTRIBUTION OF HOUSEHOLDS BY BUILDING STRUCTURE



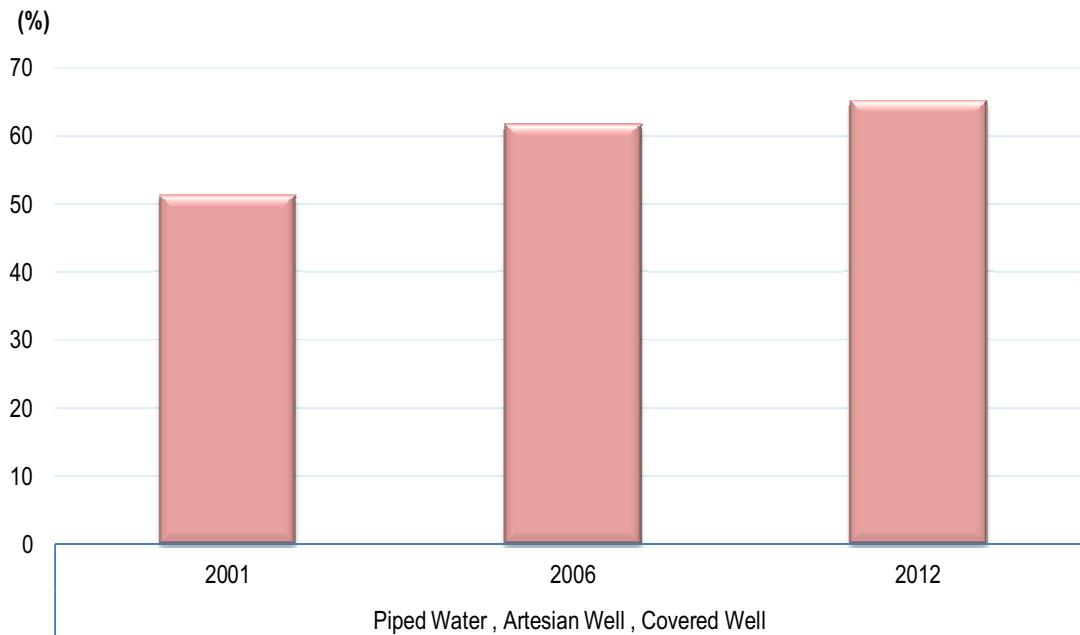
Source: Central Statistical Organization

FIGURE 6.3 DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING USED



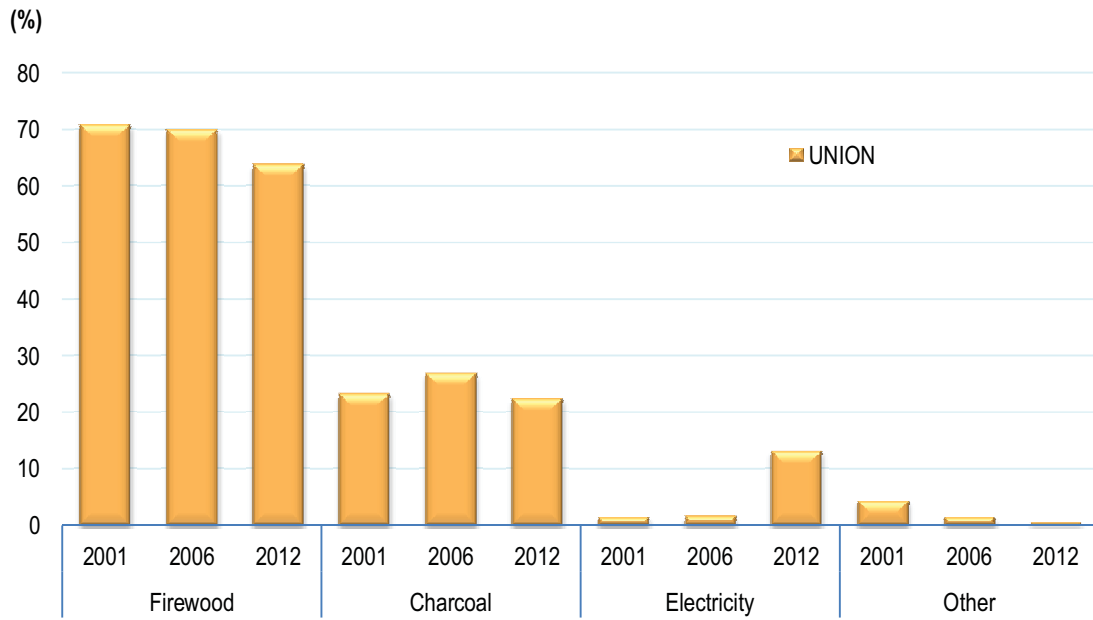
Source: Central Statistical Organization

FIGURE 6.4 DISTRIBUTION OF HOUSEHOLDS WITH GOOD SOURCES OF WATER



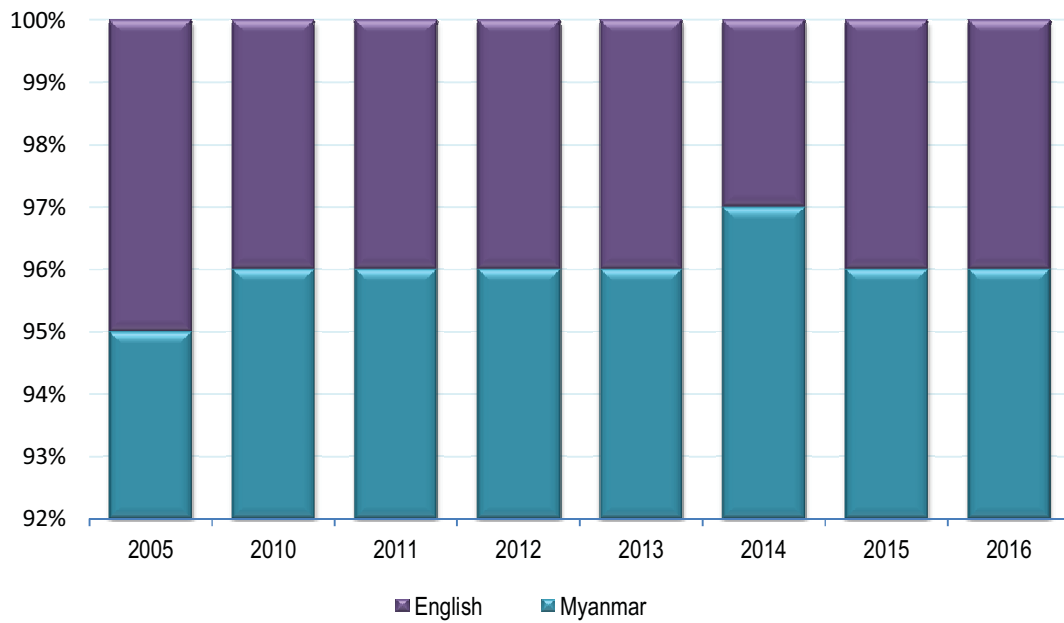
Source: Central Statistical Organization

FIGURE 6.5 HOUSEHOLDS WHICH USE MAIN TYPE OF FUEL



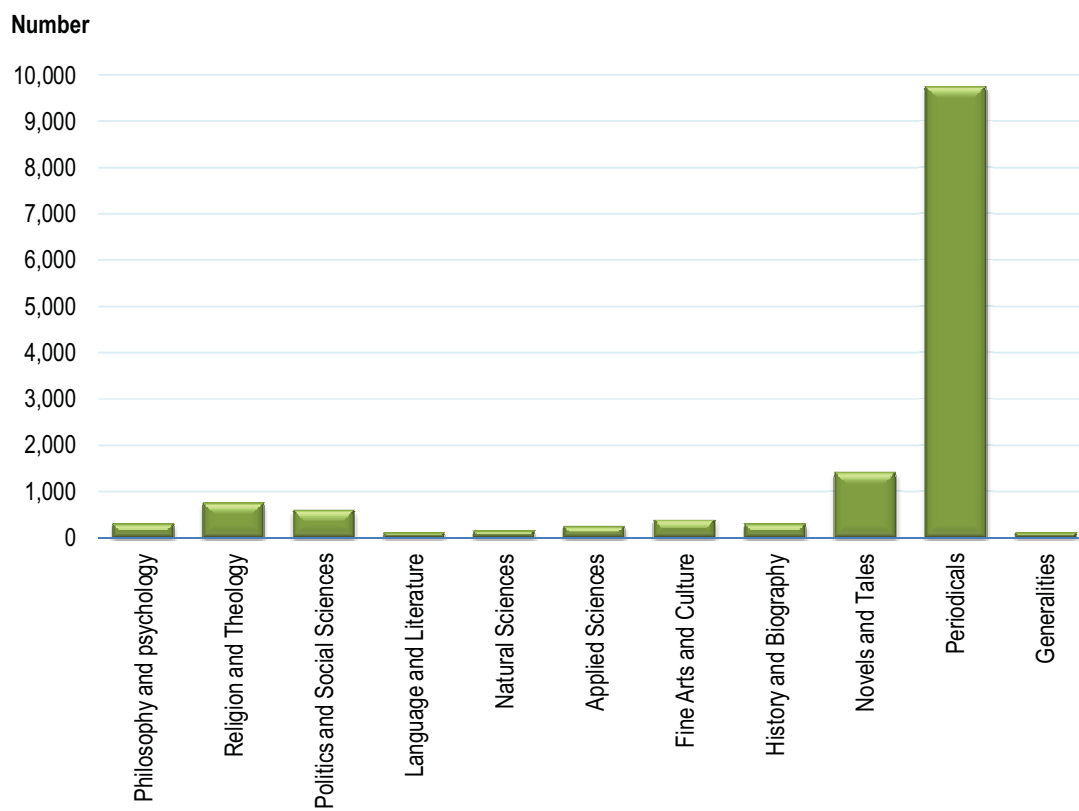
Source: Central Statistical Organization

FIGURE 6.6 DAILY NEWSPAPER CIRCULATIONS



Sources: City News, Mandalay Yadanarbon News, News and Periodical Enterprise and Myawaddy News

FIGURE 6.7 PUBLISHED BOOKS BY TYPE, 2016



Sources: Information and Public Relation Department

HOUSEHOLDS

METHODOLOGY SHEET | Households Characteristics

Responsible Unit (Service or Structure)	Central Statistical Organization
Level of Disaggregation	Union, States and Regions
Study Variables	Household income and expenditure by States and Regions by Union by Type of Tenure, by Building Structure, by Type of Lighting Used, by Source of Water, by Type of Fuel Used
Classification Variables	Own, Rent, Free, Pucca, Semi-pucca, Wooden, Bamboo, Electricity, Battery, Piped Water, Artesian Well, Covered Well, Firewood, Charcoal, Electricity, Other
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Once in Every Five Year
Units	Households
Tables	6.01,6.02, 6.03, 6.04, 6.05

TABLE 6.01 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF TENURE
Years 2001, 2006, 2012, absolute values

States and Regions	Households by Type of Tenure (%)								
	Own			Rent			Free		
	2001	2006	2012	2001	2006	2012	2001	2006	2012
UNION	94.51	94.38	93.80	3.60	3.93	3.49	1.88	1.69	2.71
Kachin State	98.07	95.01	93.76	1.29	4.18	3.45	0.64	0.81	2.79
Kayah State	95.44	91.64	92.90	2.33	5.35	2.71	2.23	3.01	4.39
Kayin State	92.44	97.07	95.60	5.97	1.67	2.69	1.59	1.26	1.71
Chin State	97.58	91.87	93.89	1.98	6.15	4.37	0.44	1.97	1.74
Sagaing Region	95.52	97.69	95.90	3.29	0.95	1.47	1.19	1.36	2.63
Tanintharyi Region	85.95	89.25	90.99	8.38	7.53	3.87	5.67	3.21	5.14
Bago Region (East)	97.92	96.29	94.88	1.18	1.76	2.05	0.89	1.95	3.07
Bago Region (West)	96.52	96.11		1.36	2.12		2.12	1.77	
Magway Region	96.10	97.09	95.03	1.43	1.62	1.68	2.47	1.29	3.29
Mandalay Region	93.33	93.88	93.72	4.22	3.84	3.39	2.46	2.28	2.88
Mon State	95.40	96.54	94.43	2.04	2.06	2.64	2.56	1.40	2.93
Rakhine State	96.57	97.15	96.78	1.82	1.44	0.69	1.61	1.41	2.53
Yangon Region	84.35	84.25	83.68	12.71	12.63	13.20	2.94	3.12	3.12
Shan State (South)	95.83	94.95	94.11	2.66	3.28	3.34	1.51	1.77	2.55
Shan State (North)	95.45	95.97		2.40	3.01		2.15	1.02	
Shan State (East)	97.88	93.90		1.38	5.40		0.74	0.70	
Ayeyarwady Region	96.82	97.85	97.31	1.88	1.85	1.04	1.31	0.30	1.65
Nay Pyi Taw	-	-	97.84	-	-	1.36	-	-	0.80

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be
Continuously presented when it has finished.

Source: Central Statistical Organization.

TABLE 6.02 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY BUILDING STRUCTURE
Years 2001, 2006, 2012, absolute values

States and Regions	Households by Type of Building Structure (%)								
	Pucca			Semi-Pucca			Wooden		
	2001	2006	2012	2001	2006	2012	2001	2006	2012
UNION	8.42	10.84	13.07	7.88	9.88	10.82	26.47	34.99	29.23
Kachin State	5.06	11.85	9.16	6.74	8.86	8.78	29.82	23.26	29.37
Kayah State	10.03	14.03	20.41	14.76	7.90	16.23	26.94	44.25	39.94
Kayin State	3.40	6.65	12.78	9.81	13.81	13.87	35.60	58.88	62.24
Chin State	1.61	7.98	2.93	2.96	2.08	1.69	26.41	89.50	66.66
Sagaing Region	8.61	10.16	6.54	7.84	9.93	10.54	21.64	22.95	22.41
Tanintharyi Region	8.86	8.24	10.72	6.44	11.94	10.76	41.67	50.95	51.51
Bago Region (East)	7.30	10.25	7.01	11.28	9.50	10.99	36.12	51.24	41.92
Bago Region (West)	7.00	5.58		8.37	9.11		25.54	42.08	
Magway Region	5.64	5.51	7.55	6.80	9.38	5.83	14.17	28.33	12.26
Mandalay Region	7.60	11.68	19.61	10.30	9.12	10.88	19.84	23.65	11.20
Mon State	6.75	11.16	8.24	10.44	10.25	13.98	39.73	54.32	49.39
Rakhine State	2.95	2.18	2.05	3.80	2.69	4.40	22.07	26.91	27.83
Yangon Region	19.65	19.96	25.40	9.43	15.14	13.12	36.47	42.38	38.18
Shan State (South)	18.03	27.98	30.12	14.16	9.48	20.06	26.41	30.34	13.30
Shan State (North)	14.69	28.15		8.90	17.48		16.59	12.09	
Shan State (East)	25.78	28.90		24.72	33.02		31.97	22.04	
Ayeyarwady Region	2.46	2.42	6.74	2.61	5.10	7.84	28.71	38.33	35.93
Nay Pyi Taw	-	-	8.93	-	-	7.34	-	-	17.30

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be
Continuously presented when it has finished.

TABLE 6.02 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY BUILDING STRUCTURE (concl'd)
 Years 2001, 2006, 2012, absolute values

Stats and Regions	Households by Type of Building Structure (%)					
	Bamboo			Other		
	2001	2006	2012	2001	2006	2012
UNION	55.54	44.25	45.57	1.65	0.05	1.31
Kachin State	57.69	56.03	52.57	0.69	-	0.12
Kayah State	48.26	33.81	23.06	0	-	0.35
Kayin State	50.55	20.66	11.11	0.65	-	
Chin State	68.96	0.43	28.71	0.06	-	
Sagaing Region	61.73	56.96	60.47	0.18	-	0.05
Tanintharyi Region	42.17	28.87	27.01	0.86	-	
Bago Region (East)	45.3	29.01	39.62	0	-	0.46
Bago Region (West)	58.97	43.22		0.12	-	
Magway Region	73.28	56.77	71.18	0.1	-	3.18
Mandalay Region	61.11	55.56	58.27	1.15	-	0.04
Mon State	38.26	24.27	28.39	4.83	-	
Rakhine State	70.04	68.22	65.14	1.13	-	0.59
Yangon Region	31.58	22.53	23.27	2.87	-	0.03
Shan State (South)	41.29	32.19	34.57	0.11	-	1.96
Shan State (North)	59.56	42.28		0.26	-	
Shan State (East)	17.05	10.77		0.48	5.27	
Ayeyarwady Region	60.45	54.16	44.09	5.76	-	5.4
Nay Pyi Taw	-	-	66.26	-	-	0.18

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be Continuously presented when it has finished.

Source: Central Statistical Organization.

TABLE 6.03 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING USED
 Years 2001, 2006, 2012, absolute values

States and Regions	Households by Type of Lighting Used (%)								
	Electricity			Battery			Other		
	2001	2006	2012	2001	2006	2012	2001	2006	2012
UNION	40.41	43.38	57.50	20.66	12.20	7.22	38.93	44.42	35.28
Kachin State	23.58	25.70	44.92	13.03	2.74	0.43	63.39	71.55	54.65
Kayah State	68.18	78.04	90.54	0.07	0.09	0.18	31.75	21.87	9.28
Kayin State	47.95	59.41	77.11	6.30	0.06	-	45.75	40.53	22.89
Chin State	48.55	67.86	52.25	2.84	0.24	0.01	48.61	31.90	47.74
Sagaing Region	62.81	35.14	55.66	16.51	19.95	7.02	20.68	44.91	37.32
Tanintharyi Region	40.89	39.76	79.62	3.09	0.27	-	56.02	59.97	20.38
Bago Region (East)	37.80	47.99	54.96	24.76	22.56	12.97	37.44	29.45	32.06
Bago Region (West)	39.02	48.06		26.29	15.41		34.69	36.53	
Magway Region	41.37	54.85	40.82	24.57	16.04	8.33	34.06	29.11	50.85
Mandalay Region	34.22	29.94	65.17	40.29	18.22	4.24	25.49	51.85	30.59
Mon State	39.93	43.98	64.00	6.34	9.55	0.56	53.73	46.46	35.44
Rakhine State	41.38	10.15	37.64	0.76	1.23	0.10	57.85	88.62	62.26
Yangon Region	63.00	74.62	89.43	11.48	5.52	2.13	25.52	19.85	8.44
Shan State (South)	41.20	61.00	73.95	1.88	2.32	1.04	56.92	36.67	25.01
Shan State (North)	33.19	35.88		6.72	2.21		60.09	61.91	
Shan State (East)	37.22	40.15		11.98	3.24		50.80	56.62	
Ayeyarwady Region	11.77	29.53	24.31	39.15	16.11	25.31	49.09	54.36	50.39
Nay Pyi Taw	-	-	54.93	-	-	2.74	-	-	42.33

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be
 Continuously presented when it has finished.

Source: Central Statistical Organization.

TABLE 6.04 PERCENTAGE DISTRIBUTION OF HOUSEHOLDS WITH GOOD SOURCES OF WATER
 Years 2001, 2006, 2012, absolute values

States and Regions	Good Sources of Water (%)		
	Piped Water , Artesian Well , Covered Well		
	2001	2006	2012
UNION	51.26	61.66	65.18
Kachin State	45.77	56.64	65.7
Kayah State	28.23	43.8	46.41
Kayin State	23.31	42.29	40.07
Chin State	92.89	45	59.1
Sagaing Region	56.99	60.73	74.93
Tanintharyi Region	67.97	54.02	59.95
Bago Region (East)	81.3	67.9	65.47
Bago Region (West)	55.7	55.29	
Magway Region	60.2	70.02	66.58
Mandalay Region	59.22	68.24	87.26
Mon State	23.55	36.8	63.02
Rakhine State	22.98	43.68	40.2
Yangon Region	83.28	84.63	76.26
Shan State (South)	44.61	73.67	50.88
Shan State (North)	23.18	45.88	
Shan State (East)	64.27	70.28	
Ayeyarwady Region	20.28	48.99	53.72
Nay Pyi Taw	-	-	77.96

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be
 Continuously presented when it has finished.

Source: Central Statistical Organization.

TABLE 6.05 PERCENTAGE OF HOUSEHOLDS WHICH USE MAIN TYPE OF FUEL
Years 2001, 2006, 2012, absolute values

States and Regions	Type of Fuel Used (%)											
	Firewood			Charcoal			Electricity			Other		
	2001	2006	2012	2001	2006	2012	2001	2006	2012	2001	2006	2012
UNION	70.84	69.94	63.81	23.29	26.90	22.43	1.49	1.66	13.21	4.38	1.50	0.54
Kachin State	90.58	82.12	75.19	7.70	16.77	22.07	0.06	0.06	2.63	1.65	1.05	0.12
Kayah State	90.55	79.60	72.40	6.77	13.34	12.14	2.29	6.89	15.46	0.39	0.17	-
Kayin State	48.57	76.05	38.10	48.34	23.70	39.70	2.96	0.23	21.93	0.13	0.02	0.28
Chin State	99.47	97.63	94.23	0.53	2.22	5.67	0.00	0.14	0.09	0.00	-	-
Sagaing Region	80.38	81.96	82.79	16.82	16.19	11.63	0.71	0.17	4.77	2.09	1.67	0.81
Tanintharyi Region	47.83	43.71	49.09	51.15	55.84	50.39	0.18	0.24	0.47	0.85	0.21	-
Bago Region (East)	66.33	74.98	68.01	21.94	22.94	24.12	0.67	0.37	7.50	11.06	1.71	0.37
Bago Region (West)	68.58	74.05		26.50	21.22		0.38	0.03		4.53	4.71	
Magway Region	85.63	80.56	82.12	10.81	16.25	6.13	1.76	0.36	11.56	1.80	2.82	0.19
Mandalay Region	52.27	57.54	48.89	43.42	40.79	41.06	0.88	0.40	9.84	3.42	1.28	0.21
Mon State	76.61	82.78	64.83	19.84	15.31	25.83	2.38	1.84	8.43	1.16	0.08	0.90
Rakhine State	86.69	89.59	83.67	13.05	10.26	16.15	0.00	-	0.12	0.26	0.15	-
Yangon Region	35.66	34.72	17.92	52.16	54.58	28.97	7.48	8.77	51.79	4.71	1.93	1.32
Shan State (South)	75.99	55.02	68.14	22.59	41.89	19.28	1.28	3.09	12.26	0.13	-	0.32
Shan State (North)	72.30	68.93		27.26	30.60		0.26	0.31		0.17	0.17	
Shan State (East)	87.52	86.50		6.56	12.60		2.38	0.09		3.55	0.81	
Ayeyarwady Region	80.20	89.32	81.53	7.79	9.17	12.98	0.15	0.12	4.62	11.86	1.38	1.05
Nay Pyi Taw	-	-	44.12	-	-	29.95	-	-	25.56	-	-	0.36

Note: Myanmar Living Conditions Survey- MLCS data (2017) will be continuously presented when it has finished.

Source: Central Statistical Organization.

SOCIAL ISSUES

METHODOLOGY SHEET | Daily newspaper circulation

Responsible Unit (Service or Structure)	City News, Mandalay Yadanarbon News, News and Periodicals Enterprise, Myawaddy News
Level of Disaggregation	Union
Study Variables	Myanmar and English daily newspapers by publishers and circulation (000)
Classification Variables	Yearly data
Type of Dissemination	Publication (Book and CD Rom), online databanks.
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily
Units	Newspaper Circulation
Tables	6.06

TABLE 6.06 DAILY NEWSPAPER CIRCULATION
Years 2005, 2010, 2012-2016, absolute values

Year	Myanmar		English	
	Publishers	Circulation in thousand	Publishers	Circulation in thousand
2005	4	345	1	19
2010	4	249	1	11
2012	5	327	1	13
2013	5	369	1	15
2014	5	379	1	10
2015	5	391	1	16
2016	5	423	1	16

Sources : 1. City News.
2. Mandalay Yadanarbon News.
3. News and Periodicals Enterprise.
4. Myawaddy News.

METHODOLOGY SHEET | **Published books**

Responsible Unit (Service or Structure)	General Administration Department, Information and Public Relation Department, Sarpay Beikman Public Library, National Library.
Level of Disaggregation	Union, States and Regions
Study Variables	Public Books activities of Public Library, National Library and Cinema Statistics by States and Regions.
Classification Variables	Yearly data
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Published books, Library Visitors, Cinema seating
Tables	6.07, 6.08, 6.09, 6.10

TABLE 6.07 PUBLISHED BOOKS BY TYPE
Years 2005, 2010, 2012-2016, absolute values

Subject	2005	2010	2012	2013	2014	2015	2016
TOTAL	10,625	11,374	14,168	14,435	13,220	14,135	13,988
Philosophy and psychology	147	145	209	157	166	306	308
Religion and Theology	550	490	860	848	762	757	540
Politics and Social Sciences	450	360	372	324	356	601	740
Language and Literature	357	139	168	297	103	111	157
Natural Sciences	119	360	317	247	180	140	382
Applied Sciences	62	133	257	148	172	255	274
Fine Arts and Culture	1,419	700	406	303	303	394	72
History and Biography	24	63	306	250	195	297	428
Novels and Tales	1,510	1,528	1,652	1,494	1,378	1,415	1,483
Periodicals	5,500	7,367	9,486	10,175	9,506	9,751	9,239
Generalities	487	89	135	192	99	108	365

Note: Private Sector only.

Sources: 1. General Administration Department.
2. Information and Public Relation Department.
(Copyright and Registration Division)

TABLE 6.08 ACTIVITIES OF THE SARPAY BEIKMAN PUBLIC LIBRARY

Years 2005, 2010, 2012-2016, absolute values

Year	Number of Borrowers			Books Circulated	Accession	
	Special member	Ordinary member	Children member		Myanmar Books	English Books
2005	-	3161	-	15292	797	83
2010	45	2	-	1688	2391	602
2012	33	5	-	1995	2604	319
2013	281	106	-	4118	6128	2748
2014	534	166	4	18219	2603	479
2015	263	69	40	9480	745	619
2016	229	35	42	12471	757	149

Source: Sarpay Beikman Public Library.

TABLE 6.09 NATIONAL LIBRARY STATISTICS

Years 2005, 2010, 2012-2016, absolute values

Year	Number of Visitors	No. of Books and Magazines Lent by the Library	Accession (Volumes)					
			Books		Magazines and Journals		Manuscripts	
			Myanmar	English	Myanmar	English	Myanmar	English
2005	6,833	21,443	7,467	537	11,504	1,640	-	-
2010	3,166	13,710	8,102	1,742	11,709	1,582	-	-
2012	3,780	61,012	7,450	3,345	12,194	796	-	-
2013	3,314	62,790	2,208	948	12,052	316	-	-
2014	12,106	87,901	10,698	4,496	13,214	2,692	4,030	-
2015	17,326	78,754	8,192	1,521	17,952	683	78	-
2016	32,362	169,172	10,318	4,225	35,030	3,308	4,078	-

Note: Collect National Library Statistics from Yangon and Nay Pyi Taw National Library since 2014.

Source: National Library.

TABLE 6.10 CINEMA STATISTICS BY STATES AND REGIONS
Year 2016/2017, absolute values

States and Regions	Cinema Halls	Total No. of Seats	Cinema Halls Running	Total No. of Seats	Seating Capacity By Admission Class					
					300 Ks	400 Ks	500 Ks	600Ks	700Ks	800Ks
UNION TOTAL	27	16041	22	13132	180	240	967	530	262	1673
Kachin State	-	-	-	-	-	-	-	-	-	-
Kayah State	1	691	-	-	-	-	-	-	-	-
Kayin State	1	243	1	243	-	-	-	40	-	-
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	-	-	-	-	-	-	-	-	-	-
Tanintharyi Region	1	240	1	240	-	-	-	-	-	-
Bago Region	1	130	-	-	-	-	-	-	-	-
Magway Region	2	1022	1	491	-	-	-	-	-	-
Mandalay Region	4	2169	4	2329	-	-	-	100	-	211
Mon State	-	-	-	-	-	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-	-	-
Yangon Region	14	9882	12	8165	180	240	708	390	262	1102
Shan State	2	1315	2	1315	-	-	259	-	-	319
Ayeyarwady Region	1	349	1	349	-	-	-	-	-	41

TABLE 6.10 CINEMA STATISTICS BY STATES AND REGIONS (cont'd)
Year 2016/2017, absolute values

States and Regions	Seating Capacity By Admission Class									
	1000 Ks	1200 Ks	1300 Ks	1500 Ks	1600Ks	1700Ks	1800Ks	2000 Ks	2200 Ks	2250 Ks
UNION TOTAL	3047	646	495	1798	224	123	479	1081	185	24
Kachin State	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-
Kayin State	125	-	-	60	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-
Sagaing Region	-	-	-	-	-	-	-	-	-	-
Tanintharyi Region	60	-	-	164	-	-	-	-	-	-
Bago Region	-	-	-	-	-	-	-	-	-	-
Magway Region	92	-	126	198	-	-	49	26	-	-
Mandalay Region	841	101	72	168	224	123	27	30	95	-
Mon State	-	-	-	-	-	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-	-	-
Yangon Region	1621	545	297	873	-	-	403	837	90	24
Shan State	224	-	-	251	-	-	-	100	-	-
Ayeyarwady Region	84	-	-	84	-	-	-	88	-	-

TABLE 6.10 CINEMA STATISTICS BY STATES AND REGIONS (concl'd)
Year 2016/2017, absolute values

States and Regions	Seating Capacity By Admission Class										
	2500	2750	3000	3500	3600	3750	4000	4500	5000	5500	6000
	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks	Ks
UNION TOTAL	566	94	162	40	32	14	90	9	124	29	18
Kachin State	-	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-	-
Kayin State	-	-	18	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	-	-	-	-	-	-	-	-	-	-	-
Tanintharyi Region	-	-	-	-	-	-	16	-	-	-	-
Bago Region	-	-	-	-	-	-	-	-	-	-	-
Magway Region	-	-	-	-	-	-	-	-	-	-	-
Mandalay Region	257	26	-	-	-	14	-	-	30	-	10
Mon State	-	-	-	-	-	-	-	-	-	-	-
Rakhine State	-	-	-	-	-	-	-	-	-	-	-
Yangon Region	269	68	144	40	-	-	32	9	11	9	8
Shan State	40	-	-	-	-	-	42	-	80	-	-
Ayeyarwady Region	-	-	-	-	32	-	-	-	-	20	-

Source: Motion Picture Enterprise.

METHODOLOGY SHEET | **Video statistics**

Responsible Unit (Service or Structure)	Central Video Supervision Committee.
Level of Disaggregation	Union, States and Regions
Study Variables	Video activities by States and Regions
Classification Variables	-
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Video Statistics
Tables	6.11

TABLE 6.11 VIDEO STATISTICS BY STATES AND REGIONS

Years 2010-2016, absolute values

States and Regions	Year	Total	Editing	Video Filming	Production	Duplicating	Distribution	Exhibition	Rental	Karaoke
UNION	2010	33,612	146	848	258	92	1,923	19,507	9,615	1,223
	2011	34,127	161	925	295	5	2,559	17,285	11,429	1,468
	2012	28,727	152	920	272	120	1,859	11,075	12,668	1,661
	2013	24,367	135	880	303	102	1,752	6,590	12,757	1,848
	2014	22,222	114	854	304	102	1,755	5,172	11,748	2,173
	2015	19,310	106	576	217	102	1,302	6,771	9,058	1,178
	2016	16,032	106	836	271	91	1,410	3,374	7,311	2,633
Kachin State	2010	1,575	1	47	-	-	23	1,060	404	40
	2011	1,399	-	44	-	-	25	824	442	64
	2012	590	-	34	-	-	18	206	273	59
	2013	402	-	32	-	-	9	93	215	53
	2014	668	-	42	-	-	19	212	292	103
	2015	426	-	30	-	-	4	161	191	40
	2016	568	-	39	-	-	15	149	177	188
Kayah State	2010	161	-	14	-	-	5	89	46	7
	2011	164	-	10	-	-	6	82	55	11
	2012	194	-	12	-	1	7	90	74	10
	2013	172	-	15	1	-	10	62	74	10
	2014	151	-	11	1	2	20	46	62	9
	2015	130	-	6	-	-	8	45	45	26
	2016	91	-	5	-	-	6	25	35	20
Kayin State	2010	483	-	17	-	-	91	86	276	13
	2011	656	-	25	-	-	148	145	313	25
	2012	394	-	12	-	-	83	44	233	22
	2013	370	-	23	-	-	73	16	256	2
	2014	383	-	24	2	-	69	43	218	27
	2015	252	-	9	-	-	47	42	141	13
	2016	253	-	10	-	-	50	32	136	25
Chin State	2010	128	-	12	-	-	-	72	40	4
	2011	140	-	19	-	-	-	74	43	4
	2012	20	-	8	-	-	-	3	9	-
	2013	20	-	11	-	-	-	4	5	-
	2014	19	-	4	-	-	-	5	9	1
	2015	11	-	3	-	-	-	-	8	-
	2016	14	-	4	-	-	-	-	10	-
Sagaing Region	2010	2,668	-	56	-	-	111	1,929	487	85
	2011	3,245	-	59	-	-	225	2,148	700	113
	2012	1,333	-	53	-	-	117	438	518	207
	2013	1,227	-	69	-	-	149	190	565	254
	2014	1,265	-	39	-	-	135	135	491	465
	2015	893	-	38	-	-	78	239	311	227
	2016	793	-	63	-	-	62	24	140	504
Tanintharyi Region	2010	759	-	19	-	-	93	350	295	2
	2011	568	-	16	-	-	87	134	305	26
	2012	569	-	14	-	-	68	31	356	100
	2013	554	-	22	-	-	40	13	325	154
	2014	667	-	7	-	-	28	16	404	212
	2015	367	-	14	-	-	36	10	221	86
	2016	236	-	4	-	-	41	10	143	38

TABLE 6.11 VIDEO STATISTICS BY STATES AND REGIONS (cont'd)
Years 2010-2016, absolute values

States and Regions	Year	Total	Editing	Video Filming	Production	Duplicating	Distribution	Exhibition	Rental	Karaoke
Bago Region	2010	2,839	-	82	-	-	202	1,566	904	85
	2011	2,520	-	78	-	-	308	1,066	995	73
	2012	2,423	-	77	-	-	164	902	1,201	79
	2013	2,289	-	74	-	-	188	624	1,299	104
	2014	1,859	-	71	-	-	173	192	1,356	67
	2015	1,612	-	39	-	-	104	606	810	53
	2016	1,004	-	68	-	-	91	31	750	64
Magway Region	2010	2,204	2	80	-	1	62	1,690	317	52
	2011	1,646	2	67	-	1	83	1,092	350	51
	2012	1,876	-	79	-	-	51	1,019	676	51
	2013	1,240	-	67	-	-	50	313	760	50
	2014	1,161	-	72	-	-	67	163	816	43
	2015	1,116	-	45	-	-	38	570	443	20
	2016	522	-	71	-	-	32	28	330	61
Mandalay Region	2010	3,766	8	162	4	1	372	2,201	933	85
	2011	4,302	8	204	4	1	543	2,252	1,172	118
	2012	5,153	13	220	4	1	514	2,720	1,566	115
	2013	3,067	6	181	4	2	482	916	1,342	134
	2014	2,954	5	174	6	2	531	807	1,307	122
	2015	2,915	10	166	2	1	389	1,169	1,087	91
	2016	2,418	6	225	5	3	478	869	692	140
Mon State	2010	1,793	-	72	-	-	146	682	831	62
	2011	1,565	-	95	-	-	177	356	865	72
	2012	1,335	-	102	-	-	127	173	867	66
	2013	1,226	-	95	-	-	118	66	870	77
	2014	843	-	77	-	-	74	29	605	58
	2015	818	-	40	-	-	76	95	571	36
	2016	635	-	104	-	-	61	10	402	58
Rakhine State	2010	1,081	1	1	1	-	26	935	108	9
	2011	1,067	1	1	1	-	20	919	122	3
	2012	503	1	1	1	-	7	329	126	38
	2013	359	1	1	1	-	17	244	92	3
	2014	250	1	2	1	-	26	89	124	7
	2015	328	1	3	1	-	6	251	60	6
	2016	161	-	-	-	-	12	16	123	10
Yangon Region	2010	9,902	128	112	245	88	463	5,669	2,942	255
	2011	10,334	139	120	283	-	541	5,565	3,407	279
	2012	8,327	128	113	258	96	386	3,197	3,904	245
	2013	8,117	120	115	289	100	359	2,916	3,933	285
	2014	6,998	99	104	287	96	344	2,767	3,041	260
	2015	6,633	90	72	210	85	314	2,559	3,125	178
	2016	5,656	93	102	259	83	355	1,892	2,522	350

TABLE 6.11 VIDEO STATISTICS BY STATES AND REGIONS (concl'd)
Years 2010 - 2016, absolute values

States and Regions	Year	Total	Editing	Video Filming	Production	Duplicating	Distribution	Exhibition	Rental	Karaoke
Shan State	2010	2,203	3	117	7	2	161	817	809	287
	2011	2,076	7	124	6	3	183	627	827	299
	2012	2,137	6	133	8	17	140	646	834	353
	2013	1,844	7	120	8	-	120	445	780	364
	2014	1,571	6	113	6	2	102	297	701	344
	2015	1,229	2	77	4	16	71	354	452	253
	2016	1,298	5	82	7	5	61	128	356	654
Ayeyarwady Region	2010	3,340	-	47	-	-	124	2,003	1,005	161
	2011	3,621	-	50	-	-	147	1,703	1,435	286
	2012	3,197	-	40	-	-	112	1,156	1,619	270
	2013	3,105	-	41	-	-	97	654	1,983	330
	2014	2,919	-	95	-	-	115	335	1,971	403
	2015	2,108	-	22	-	-	83	583	1,294	126
	2016	1,931	-	49	-	-	101	80	1,205	496
Naypyitaw	2010	710	3	10	1	-	44	358	218	76
	2011	824	4	13	1	-	66	298	398	44
	2012	676	4	22	1	5	65	121	412	46
	2013	375	1	14	-	-	40	34	258	28
	2014	514	3	19	1	-	52	36	351	52
	2015	472	3	12	-	-	48	87	299	23
	2016	452	2	10	-	-	45	80	290	25

Source: Central Video Supervision Committee.

METHODOLOGY SHEET | Sport Grounds

Responsible Unit (Service or Structure)	Sports and Physical Education Department
Level of Disaggregation	Host Country, Union, States and Regions
Study Variables	South East Asia Games, Sport grounds
Classification Variables	Host Country by Gender and Medals Awarded
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Sport Events, Sport Grounds
Tables	6.12, 6.13

TABLE 6.12 MYANMAR ATHLETIC STATISTICS (SOUTH EAST ASIA GAMES)
Years 2001-2017, absolute values

Year	Host Country	Athletes			Sport Events	Medals Awarded		
		Male	Female	Total		Gold	Silver	Bronze
2001	Malaysia	163	89	252	24	19	14	53
2003	Vietnam	171	120	291	21	16 (r)	43 (r)	50
2005	Philippines	191	132	323	21	17	34	48
2007	Thailand	251	150	401	30	14	26	47 (r)
2009	Laos	220	108	328	25	12 (r)	22	37
2011	Indonesia	282	195	477	30	16	27	37 (r)
2013	Myanmar	565	410	975	33	85 (r)	63 (r)	84 (r)
2015	Singapore	242	152	394	31	12	26	31
2017	Malaysia	231	151	383	29	7	10	20

Source: Sports and Physical Education Department.

TABLE 6.13 SPORT GROUNDS BY STATES AND REGIONS
Years 2005, 2010, 2012 - 2016, absolute values

State and Region	2005	2010	2012	2013	2014	2015	2016
Kachin State	24	28	29	29	31	32	26
Kayah State	15	12	12	13	12	21	21
Kayin State	20	22	24	24	26	36	34
Chin State	23	19	19	19	22	24	29
Sagaing Region	69	76	76	76	72	89	87
Tanintharyi Region	37	38	38	38	36	46	43
Bago Region	54	54	54	54	49	51	55
Magway Region	73	74	74	74	54	58	41
Mandalay Region	65	74	74	75	64	77	87
Mon State	26	26	28	28	33	35	35
Rakhine State	27	28	28	28	30	35	34
Yangon Region	85	102	104	104	94	109	110
Shan State	80	80	80	84	103	108	113
Ayeyarwady Region	78	86	88	89	95	100	93
Nay Pyi Taw	-	-	17	51	53	56	56
Total	676	719	745	786	774	877	864

Note: Includes Aung San Sports Stadium in Yangon Region.

Source: Sports and Physical Education Department.

METHODOLOGY SHEET | Seizure of Narcotic Drugs

Responsible Unit (Service or Structure)	Central Committee for Drug Abuse Control
Level of Disaggregation	Union
Study Variables	Type of drug by case and weight
Classification Variables	-
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily, Monthly, Yearly
Units	Number of Case and Weight
Tables	6.14

TABLE 6.14 SEIZURE OF NARCOTIC DRUGS BY TYPE
Years 2005, 2010, 2012- 2016, absolute values

Type of drug	2005	2010	2012	2013	2014	2015	2016
Heroin							
Case	1,181	814	1,454	1,802	2,662	2,502	2,888
Kilo	811.69	88.54	335.79	238.93	435.46	186.04	769.26
Heroin Liquid							
Case	-	-	-	-	-	-	3
Kilo	-	-	-	-	-	-	0.14
Opium							
Case	407	395	493	620	562	388	358
Kilo	772.72	764.78	1,470.35	2,356.98	1,828.41	888.84	945.71
Concentrated Opium							
Case	90	122	77	97	134	78	41
Kilo	20.55	35.47	29.32	115.25	102.11	38.08	47.19
Opium oil Liquid							
Case	-	-	1	2	14	2	3
Litre	-	-	0.54	29.26	538.88	27.58	51.18
Cannabis							
Case	186	167	173	119	181	215	245
Kilo	126.39	205.60	80.28	40.94	205.55	87.71	188.78
Phensedyl							
Case	-	-	1	-	-	-	-
Litre	-	-	16.50	-	-	-	-
Inj.morphine							
Case	3	4	1	2	-	1	4
Ampoule	1,692	23	467	1,485	-	6	171
Morphine							
Case	-	1	-	1	-	-	-
Litre	-	98.20	-	0.09	-	-	-
Methamphetamine							
Case	726	751	1,269	1,724	2,541	2,815	4,722
Tablet	3,651,509	2,192,262	18,162,053	10,187,014	12,653,002	49,950,912	98,353,463
Speciosa Powder							
Case	57	107	102	60	36	30	150
Kilo	178.67	375.27	330.15	218.95	605.32	687.35	1,409.43
Speciosa Leaf							
Case	-	-	-	-	-	-	5
Kilo	-	-	-	-	-	-	3.29
Acetone							
Case	-	-	-	-	-	-	2
Litre	-	-	-	-	-	-	1,238.35
Acetic							
Case	1 (r)	-	-	-	-	1	1
Anhydride							
Litre	1,638.00 (r)	-	-	55.00	-	260	16
Ketamine							
Case	-	-	-	-	-	1	2
Kilo	-	-	-	-	-	3.10	940.16
Ketamine Liquid							
Case	-	-	-	-	2	1	-
Litre	-	-	-	-	3.1	3.10	-
Lorazepan							
Case	-	-	-	-	-	-	-
Tablet	-	-	10	-	-	-	320
Alprazolam							
Case	-	-	3	2	1	2	3
Tablet	-	-	453,204	159,819	11,000	10,430	250,471
Ecstasy							
Case	-	-	-	-	4	1	1
Tablet	-	-	-	-	2,388,953	1	22
Dimethyl Sulphate							
Case	-	-	-	-	-	2	-
Litre	-	-	-	-	-	1,920	-
Sulphuric Acid							
Case	-	-	1	1	-	-	1
Litre	-	-	2,582.50	924.00	280	2,197.65	28,476.80
Anthranilic Acid							
Case	-	-	-	-	-	1	-
Kilo	-	-	-	-	-	1,100	-
Hydrochloric Acid							
Case	-	-	-	-	1	1	2
Litre	-	-	6.00	173.50	1,702.60	7,950.00	3,494.80
Phosphoric Acid							
Case	-	-	-	-	-	-	2
Litre	-	-	-	-	-	-	1,133
Phenylpropanone							
Case	-	-	-	-	3	1	-
Litre	-	-	-	-	6,029.25	8,190	-
Buprenorphine							
Case	-	-	-	1	-	4	3
Tablet	-	-	-	99	-	2,900	253
Inj.Buprenorphine							
Case	-	-	-	-	5	1	2
Ampoule	-	-	-	-	642	443	3,972

TABLE 6.14 SEIZURE OF NARCOTIC DRUGS BY TYPE (concl'd)
Years 2005, 2010, 2012- 2016, absolute values

Type of drug		2005	2010	2012	2013	2014	2015	2016
Diazepam	Case	-	-	1	3	2	4	5
	Tablet	-	-	880	317,319	684,927	201,782	340,093
Inj.diazepam	Case	-	-	2	4	7	6	1
	Ampoule	-	-	3,004	18,206	121,670	2,833	278
Tramadol	Case	-	-	21	13	3	8	5
	Capsule	-	-	75,130	58,362	271	22,577	4,182
Inj.tramadol	Case	-	-	-	-	-	-	2
	Ampoule	-	-	9	80	-	-	1,421
Inj.Fentanyl	Case	-	-	-	-	-	-	1
	Ampoule	-	-	-	-	-	-	700
Cosedyl	Case	-	-	-	1	-	-	-
	Litre	-	-	-	28.80	-	-	-
Brown Charcoal	Case	-	-	-	-	-	-	1
	Kilo	-	-	-	-	-	-	3,351
Brown Opium	Case	2 (r)	-	4	3	8	4	4
	Kilo	43.77 (r)	-	45.76	71.55	1,108.30	538.91	472.00
Opium Liquid	Case	-	-	19	9	10	12	7
	Litre	-	-	197.58	2,072.46	6,618.58	57.17	3.11
Precursor	Case	10	6	-	-	-	1	-
Chemicals	Litre	16,221.40 (r)	3,202.34	2.66	200.00	-	10,639.00	-
Cough Syrup	Case	2	2	-	-	-	1	-
with Codeine	Litre	9.72	4.9	-	-	-	0.10	-
Stimulants	Case	-	-	7	14	12	25	26
Powder	Kilo	-	-	7.30	7.31	108.43	197.88	55.00
Methamphetamine	Case	-	-	1	-	-	-	-
	Liquid	-	-	9	-	-	-	-
Low Grade Opium	Case	139	154	229	223	298	137	43
	Kilo	127.74	147.07	80.80	65.98	134.10	34.92	22.15
Ephedrine	Case	4	9	11	12	7	9	4
	Powder	325.10	33.64	358.37	133.37	32.10	111.94	534.20
Ephedrine	Case	-	-	-	-	1	-	1
	Tablet	-	-	-	-	268,500	-	1,192,000
Ethyl Ether	Case	-	-	-	-	5	-	1
	Litre	-	-	-	-	41,995.60	-	250.00
Methadone	Case	-	-	-	-	-	-	2
	Litre	-	-	-	-	-	-	0.46
Ammonium	Case	-	-	-	2	4	-	-
	Chloride	-	28.00	1,923.97	687.50	990.25	18	9,355
Ice	Case	7	12	7	25	30	49	46
	Kilo	280.32	226.12	152.66	173.00	47.12	2,261.69	2,464.08
Pseudoephedrine	Case	-	9	43	48	23	10	-
	Powder	-	776.18	6,946.99	3,580.77	1,939.35	1,271.97	-
Pseudoephedrine	Case	-	-	-	3	3	-	1
	Powder	-	-	-	29.50	5.90	-	61.50
Caffeine	Case	1	4	7	11	6	6	9
	Kilo	17.00	2,279.40	1,441.28	13,482.60	431.46	9,932.26	19,847.48
F/REG	Case	120	11	55	60	71	66	186
Others	Case	142	62	24	66	60	29	17
Total	Case	3,078 (r)	2,630	4,006	4,928	6,696	6,414	8,800

Source: Central Committee for Drug Abuse Control.



7

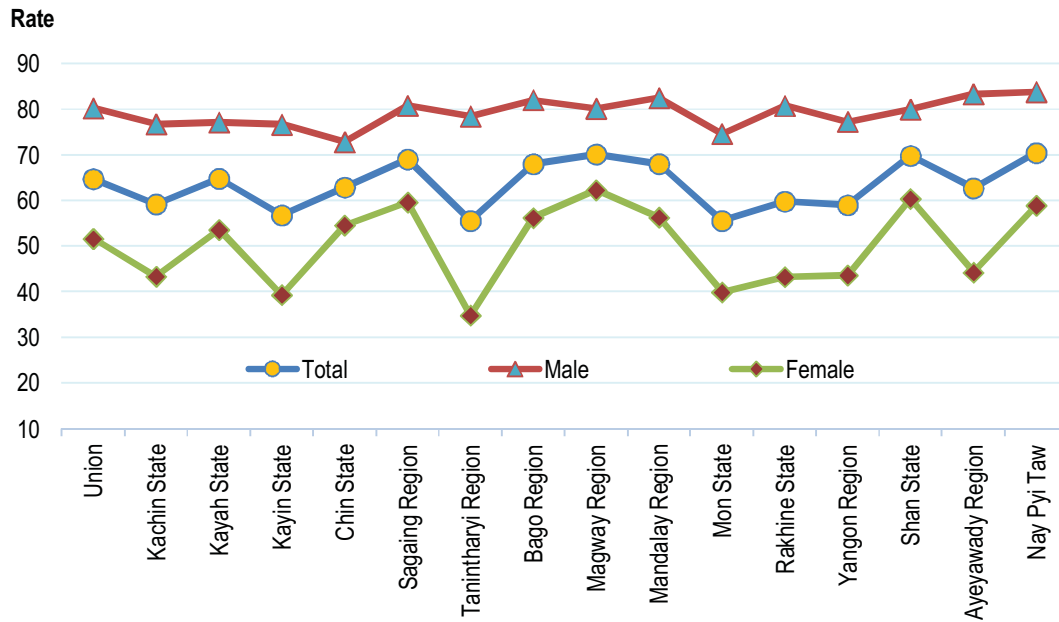
Labour and Employment



In 2016, over **1,198 thousand** persons were registered in **76 labour offices** of the Department of Labour placed in different towns, 16 in Yangon and 60 in other States and Regions. | Along the whole year, the **vacancies notified** decreased by about **1.6%**, the **persons placed in employment** by **2.3%** compared with 2015. | According to the **Myanmar Labour Force, Child Labour and School-to-Work and Transition Survey- 2015**, more than 80 men and 52 women out of 100 are economically active. **Unemployment** rate was **0.8%** and **Labour underutilization** rate was **6.9%**. | The main destinations for **overseas employment** of people from Myanmar were Thailand, Malaysia, Korea, Japan and Singapore.

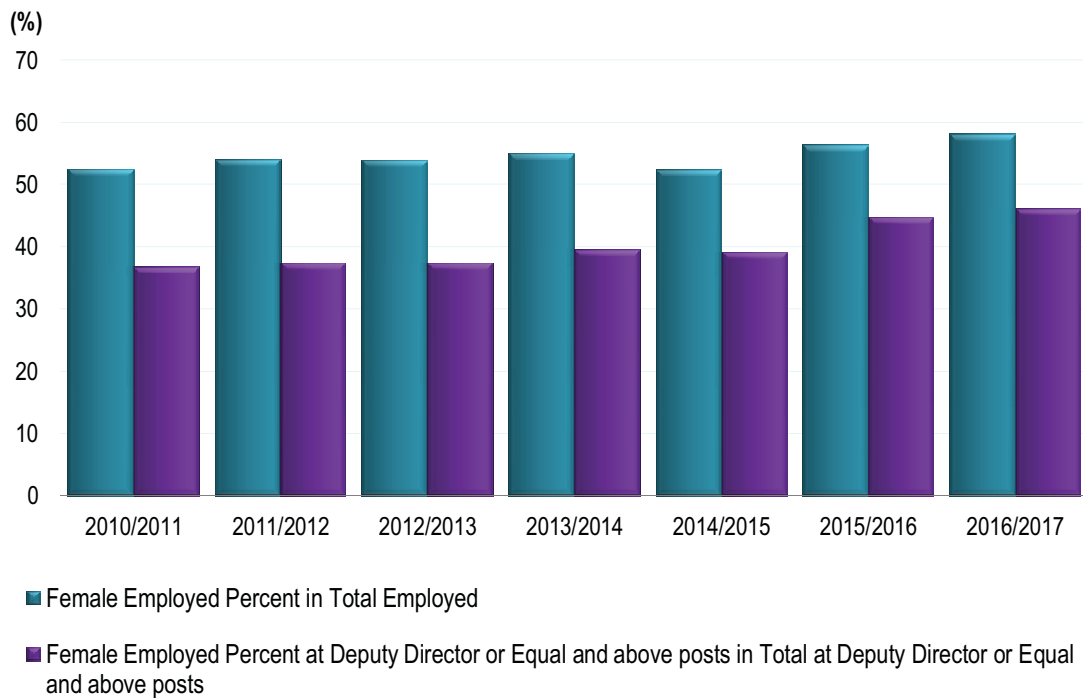


FIGURE 7.1 LABOUR FORCE PARTICIPATION RATE, 2015



Source: Department of Labour

FIGURE 7.2 PERCENT OF FEMALE EMPLOYED



Source: Respective State Organizations and Ministries

LABOUR AND EMPLOYMENT

METHODOLOGY SHEET | **Persons Employed through Government Labour Offices**

Responsible Unit (Service or Structure)	Department of Labour
Level of Disaggregation	Union, States and Regions
Study Variables	Number of exchanges, Fresh Registrations, Persons placed in employment, Lapsed Registers, Persons on register at the end of the year, Vacancies notified and Vacancies outstanding
Classification Variables	Gender, Government and Private
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly
Units	Exchange Offices, Persons Employed
Tables	7.01, 7.02

TABLE 7.01 PERSONS EMPLOYED THROUGH GOVERNMENT LABOUR EXCHANGE OFFICES
Years 2005, 2010, 2012-2016, absolute values

Year	Exchanges	Fresh Registration			Persons Placed in Employment			Lapsed Register	Persons on register at the end of the year	Vacancies notified	Vacancies outstanding at the end of the year
		Male	Female	Total	G	P	T				
2005	77	-	-	354,926	-	-	64,730	391,830	189,684	65,765	1,035
2010	77	317,193	384,641	701,834	13,837	251,957	265,794	413,969	172,007	265,544 (r)	250 (r)
2012	77	462,578	574,762	1,037,340	7,126	390,413	397,539	585,721	237,858	401,740	4,201
2013	76	481,949	633,456	1,115,405	15,246	402,432	417,678	217,446	718,139	418,962	1,284
2014	76 (r)	411,549	578,542	990,091	19,844	307,665	327,509	620,640	760,081	329,530	2,021
2015	76 (r)	346,761	558,116	904,877	20,277	190,171	210,448	675,394	779,116	210,333	115
2016	76	406,915	791,124	1,198,039	12,448	193,182	205,630	785,545	985,980	207,009	1,379

Notes: G= Government

Source: Department of Labour.

P= Private

T= Total

TABLE 7.02 PERSONS PLACED BY STATES AND REGIONS
Years 2011/2012-2016/2017, absolute values

States and Regions	2011-2012		2012-2013		2013-2014	
	Government	Private	Government	Private	Government	Private
Kachin State	237	5,309	189	7,079	715	6,479
Kayah State	56	1,410	61	1,275	119	1,847
Kayin State	156	3,586	230	4,662	155	4,804
Chin State	46	655	45	825	112	422
Sagaing Region	731	11,308	717	14,015	1,775	13,692
Tanintharyi Region	395	3,053	436	4,241	2,159	3,703
Bago Region	456	21,678	487	29,130	887	27,206
Magway Region	700	19,218	779	24,641	1,906	25,791
Mandalay Region	3,112	63,791	1,314	55,721	1,161	52,177
Mon State	671	8,630	858	11,043	405	10,353
Rakhine State	261	5,252	302	7,366	894	8,620
Yangon Region	2,545	160,399	1,296	210,803	3,096	213,751
Shan State	378	7,889	332	10,736	684	10,083
Ayeyawady Region	442	13,327	268	17,531	814	18,252
Union Territory	-	-	930	498	1,584	3,943
Total	10,186	325,505	8,244	399,566	16,466	401,123

TABLE 7.02 PERSONS PLACED BY STATES AND REGIONS (concl'd)
Years 2011/2012-2016/2017, absolute values

States and Regions	2014-2015		2015-2016		2016-2017	
	Government	Private	Government	Private	Government	Private
Kachin State	922	1,646	173	1,034	386	425
Kayah State	350	798	601	612	279	757
Kayin State	164	3,089	379	1,320	154	1,125
Chin State	98	105	62	10	188	11
Sagaing Region	4,655	6,396	1,639	4,363	980	3,951
Tanintharyi Region	1,126	3,218	980	3,621	717	3,555
Bago Region	1,143	20,306	1,536	18,907	942	14,340
Magway Region	2,783	12,547	4,101	6,679	769	5,930
Mandalay Region	1,444	44,800	824	17,922	1,413	11,404
Mon State	485	5,016	439	3,561	508	3,083
Rakhine State	1,173	5,226	940	3,328	264	1,322
Yangon Region	3,172	132,421	1,907	113,841	2,764	132,241
Shan State	2,466	6,628	1,648	6,068	1,397	2,501
Ayeyawady Region	851	17,047	524	7,010	938	2,775
Union Territory	946	658	770	192	1,285	20
Total	21,778	259,901	16,523	188,468	12,984	183,440

Source : Department of Labour.

METHODOLOGY SHEET | Labour and employment

Responsible Unit (Service or Structure)	Department Of Labour, 2014 Myanmar Population and Housing Census, Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015 (based on 15 years and above)
Level of Disaggregation	Union, States and Regions
Study Variables	Labour force, Labour Force Participation Rate, Employment rate, Unemployment Rate, Working Age Population, Aggregate Measure of Labour Underutilization (LU-4), Outside Labour Force and Employment to Population Ratio
Classification Variables	Gender, Age-groups, States and Regions, Urban, Rural
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Households
Table	7.03, 7.04, 7.05

TABLE 7.03 LABOUR FORCE, LABOUR FORCE PARTICIPATION RATE, EMPLOYMENT RATE, UNEMPLOYMENT RATE, WORKING AGE POPULATION, AGGREGATE MEASURE OF LABOUR UNDERUTILIZATION AND OUTSIDE LABOUR FORCE
Years 2005, 2010-2015, million and percentage values

Particulars		2005	2010	2011	2012	2013	2014*	2015*
Labour Force(Million)	Male	17.22	19.13	19.40	19.66	19.86	13.40	12.47
	Female	10.63	11.83	11.99	12.16	12.28	8.71	9.48
	Total	27.85	30.96	31.39	31.82	32.14	22.11	21.95
Labour Force Participation Rate(%)	Male	81.07	82.36	82.38	82.67	83.50	85.20	80.20
	Female	49.14	50.04	50.02	50.23	50.73	50.50	51.60
	Total	64.96	66.06	66.04	66.28	66.94	67.00	64.70
Employment(Million)	Male	16.60	18.46	18.72	18.97	19.16	12.88	12.39
	Female	10.13	11.26	11.41	11.57	11.69	8.35	9.40
	Total	26.73	29.72	30.13	30.54	30.85	21.23	21.79
Employment Rate(%)	Male	96.40	96.49	96.49	96.49	96.49	96.10	99.30
	Female	95.30	95.19	95.19	95.15	95.15	95.90	99.10
	Total	95.98	96.00	95.99	95.99	95.99	96.00	99.20
Unemployment(Million)	Male	0.63	0.70	0.71	0.72	0.73	0.52	0.08
	Female	0.49	0.54	0.55	0.56	0.56	0.35	0.08
	Total	1.12	1.24	1.26	1.28	1.29	0.87	0.16
Unemployment Rate(%)	Male	3.66	3.66	3.66	3.66	3.66	3.90	0.70 **
	Female	4.61	4.55	4.59	4.58	4.58	4.10	0.90 **
	Total	4.01	4.00	4.01	4.01	4.01	4.00	0.80 **
Working Age Population(15+)(Million)	Male	21.23	23.75	23.93	24.23	24.52	15.72	15.55
	Female	21.63	24.28	24.76	25.06	25.36	17.26	18.38
	Total	42.86	48.03	48.69	49.29	49.88	32.98	33.93
Aggregate measure of Labour Underutilization(LU-4)(%)	Male	-	-	-	-	-	-	6.00 **
	Female	-	-	-	-	-	-	8.10 **
	Total	-	-	-	-	-	-	6.90 **
Outside Labour Force(%)	Male	-	-	-	-	-	-	19.8
	Female	-	-	-	-	-	-	48.4
	Total	-	-	-	-	-	-	35.3

Notes: These figures are projected on 1990 Labour Force Survey.

Source : Department of Labour.

Based on 10 years and above population.

Unpaid family workers are considered as employed.

* 2014 Myanmar Population and Housing Census (based on 15-64 years)

+ Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015 (based on 15 years and above)

**According to the ILO definition of employment and unemployment, most of person in labour force were employed person, unemployment rate was relatively low in developing countries compared to developed one.

19th International Conference of Labour Statisticians (19th ICLS) , Labour Underutilization focuses on capturing groups with unmet need for employment.

TABLE 7.04 LABOUR FORCE PARTICIPATION RATE, UNEMPLOYMENT RATE, AGGREGATE MEASURE OF LABOUR UNDERUTILIZATION AND EMPLOYMENT TO POPULATION RATIO BY AGE GROUP
Year 2015, percentage values

Age Group	Labour Force Participation Rate	Unemployment Rate	Aggregate measure of Labour Underutilization	Employment to Population Ratio
10 - 14	-	-	-	-
15 - 19	47.4	1.6	10.1	46.7
20 - 24	73.4	1.6	9.3	72.2
25 - 29	77.0	1.2	8.0	76.1
30 - 34	76.7	0.8	6.9	76.1
35 - 39	79.1	0.4	6.5	78.8
40 - 44	76.7	0.2	5.6	76.6
45 - 49	75.8	0.3	6.1	75.5
50 - 54	68.0	0.2	4.7	67.9
55 - 59	60.1	0.4	4.6	59.9
60 - 64	41.1	0.6	4.8	40.9
65 - 69	29.0	0.3	3.1	28.9
70 - 74	14.6	0.0	2.2	14.6
75 - 79	10.5	0.0	1.2	10.5
80 - 84	2.8	0.0	3.0	2.8
85 - 89	2.8	0.0	18.1	2.8
90 +	0.9	0.0	0.0	0.9
Total 15+	64.7	0.8	6.9	64.2
Population Age 15 - 17	38.3	1.5	11.2	37.7
Population Age 15 - 64	69.0	0.8	7.0	68.5

Source: Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015.

TABLE 7.05 LABOUR FORCE PARTICIPATION RATE, UNEMPLOYMENT RATE, AGGREGATE MEASURE OF LABOUR UNDERUTILIZATION AND EMPLOYMENT TO POPULATION RATIO BY STATES AND REGIONS

Year 2015, percentage values

States and Regions	Labour Force Participation Rate (15-64)			Unemployment Rate			Aggregate measure of Labour Underutilization			Employment to Population Ratio (15-64)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Union	64.71	80.20	51.60	0.8	0.7	0.9	6.9	6.0	8.1	64.2	79.7	51.1
Kachin State	59.20	76.74	43.35	0.9	0.9	1.0	7.3	5.9	9.4	58.7	76.1	42.9
Kayah State	64.76	77.14	53.57	1.2	0.9	1.6	4.4	5.6	2.7	64.0	76.5	52.7
Kayin State	56.75	76.62	39.31	0.4	0.4	0.3	3.6	3.3	4.1	56.6	76.3	39.2
Chin State	62.87	72.80	54.57	11.1	9.8	12.5	25.5	21.8	29.5	55.9	65.6	47.7
Sagaing Region	69.03	80.77	59.58	0.2	0.2	0.3	3.6	4.1	2.9	68.9	80.6	59.4
Tanintharyi Region	55.53	78.45	34.82	0.1	0.1	0.0	7.2	7.0	7.6	55.5	78.4	34.8
Bago Region	67.97	82.01	56.19	1.0	0.9	1.1	8.5	7.0	10.2	67.3	81.2	55.6
Magway Region	70.11	80.15	62.25	0.5	0.4	0.6	5.7	4.9	6.4	69.8	79.8	61.9
Mandalay Region	68.00	82.44	56.28	0.2	0.3	0.1	4.8	4.3	5.4	67.9	82.2	56.2
Mon State	55.53	74.60	39.89	1.1	1.1	1.3	14.1	11.5	18.0	54.9	73.8	39.4
Rakhine State	59.79	80.72	43.22	1.4	0.8	2.3	13.4	9.4	19.0	59.0	80.1	42.2
Yangon Region	58.99	77.26	43.60	1.4	1.1	1.8	5.4	4.6	6.6	58.2	76.4	42.8
Shan State	69.78	79.97	60.36	0.3	0.3	0.3	4.8	4.8	4.7	69.5	79.7	60.2
Ayeyawady Region	62.71	83.34	44.22	0.6	0.5	0.8	8.6	6.7	11.7	62.3	82.9	43.9
Nay Pyi Taw	70.43	83.79	58.88	1.2	1.1	1.4	19.4	16.7	22.5	69.6	82.9	58.0
Urban Areas	60.18	76.19	47.05	1.4	1.2	1.7	7.1	6.2	8.3	59.3	75.3	46.2
Rural Areas	66.71	81.93	53.66	0.5	0.5	0.6	6.9	6.0	8.1	66.4	81.6	53.3
15-24 years Age-group	59.9	67.8	52.8	1.6	1.4	1.8	9.6	8.4	11.0	58.9	66.8	51.9

Source: Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015.

METHODOLOGY SHEET | Job-seekers looking for work through Labour Exchanges Offices

Responsible Unit (Service or Structure)	Department of Labour
Level of Disaggregation	Union
Study Variables	Number of offices and Job-seekers
Classification Variables	Gender, Yangon and Other States and Regions
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly and Yearly
Units	Job-seekers
Table	7.06

TABLE 7.06 JOB-SEEKERS LOOKING FOR WORK THROUGH LABOUR EXCHANGE OFFICES
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	No. of Office	Yangon Region			No. of Office	Other States and Regions		
		Male	Female	Total		Male	Female	Total
2005-2006	16	90,801	120,561	211,362	61	64,817	70,022	134,839
2010-2011	16	173,592	263,361	436,953	61	168,388	147,205	315,593
2012-2013	16	244,397	374,253	618,650	61	226,943	233,926	460,869
2013-2014	16	229,187	369,356	598,543	60	255,878	249,255	505,133
2014-2015	16	185,838	327,898	513,736	60 (r)	179,409	201,298	380,707
2015-2016	16	207,916	430,126	638,042	60 (r)	158,685	224,908	383,593
2016-2017	16	245,230	527,406	772,636	60	152,574	197,487	350,061

Source: Department of Labour.

METHODOLOGY SHEET | Overseas Persons Employed

Responsible Unit (Service or Structure)	Department of Labour
Level of Disaggregation	By Country
Study Variables	Overseas Persons Employed
Classification Variables	By Country
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly and Yearly
Units	Placement of Workers
Tables	7.07

TABLE 7.07 OVERSEAS PERSONS EMPLOYED
Years 2010/2011-2016/2017, absolute values

Placement of Workers for Overseas employment	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	5,603	28,347	75,584	61,645	70,788	105,616	147,381
Thai	1,658	12,827	43,099	33,172	35,820	62,380	113,210
Malaysia	2,442	12,469	28,892	23,243	29,224	35,967	25,154
Korea	666	2,348	2,931	4,366	4,220	4,870	5,501
Singapore	687	476	605	699	493	432	621
Qatar	-	13	29	71	-	-	131
United Arab Emirates	138	189	20	12	2	170	214
Kuwait	-	18	-	-	-	-	-
Japan	12	7	8	63	875	1,794	2,486
Hong kong	-	-	-	19	154	1	-
Maccu	-	-	-	-	-	2	2
Laos	-	-	-	-	-	-	62

Note: Certificate of Identity Issuing Centres in Thailand, Myawaddy Migrant Worker's Office, Overseas Workers Identity Card Centres North Dagon.

Source: Department of Labour.

METHODOLOGY SHEET | Key Figures of Labour Force Statistics

Responsible Unit (Service or Structure)	Department of Labour, Ministry of labour, Immigration and Population
Level of Disaggregation	The survey covered 23,425 households throughout the country, covering 1,468 enumeration areas (EAs) as delineated in the Myanmar Population and Housing Census of 2014.
Study Variables	The size, structured, distribution and characteristics of the labour force, employment, unemployment and other economics characteristics of the population as well as aspects relating to child labour and the school-to-work transition.
Classification Variables	Gender, Working Population, Child Labour and Youth Transition.
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	2015
Frequency of Data Collection	Survey was conducted from 1 st March to 31 st March 2015.
Units	Households
Tables	7.08,7.09,7.10

TABLE 7.08 KEY FIGURES OF LABOUR FORCE STATISTICS
Year 2015, absolute and percentage values

Particulars	Total	Male	Female
Working age population (15 years and above)	33,934,661	15,553,856	18,380,805
Labour force	21,959,797	12,474,495	9,485,302
Employment	21,791,335	12,391,395	9,399,940
Unemployment	168,462	83,100	85,362
Labour force participation rate (%)	64.7	80.2	51.6
Unemployment rate (%)	0.8	0.7	0.9
Aggregate measure of labour underutilization (%)	6.9	6.0	8.1
Population outside labour force	35.3	19.8	48.4
Average weekly working hours	51.55	52.74	49.97
Average daily wage (in ,000 Kyats)	4.76	5.32	3.99
Average monthly wage (in ,000 Kyats)	134.49	147.2	119.04

Source: Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015.

TABLE 7.09 KEY FIGURES OF CHILD LABOUR
Year 2015, absolute and percentage values

Particulars	Total	Male	Female
Child population (5-17 years)	12,146,463	6,010,459	6,136,004
Working child	1,278,909	676,208	602,701
Child labour	1,125,661	601,471	524,190
Hazardous child labour	616,816	337,318	279,498
Other child labour	508,846	264,153	244,693
Proportion of working children (%)	10.5	11.3	9.8
Proportion of child labour (%)	9.3	10	8.5
Proportion of hazardous child labour (%)	5.1	5.6	4.6
Proportion of other child labour (%)	4.2	4.4	4.0

Source: Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015.

TABLE 7.10 KEY FIGURES OF SCHOOL-TO-WORK TRANSITION
Year 2015, absolute and percentage values

Particulars	Total	Male	Female
Youth population (15–29 years)	12,071,870	5,624,303	6,393,567
Labour force	7,851,224	4,259,483	3,591,741
Employment	7,738,780	4,204,769	3,534,011
Unemployment	112,446	54,715	57,731
Labour force participation rate (%)	56.3	75.7	56.2
Unemployment rate (%)	1.4	1.3	1.6
Aggregate measure of labour underutilization (%)	9.0	7.9	10.3
Youth transitioned to stability and satisfaction job	5,981,032	3,201,635	2,779,397
Youth in transition	2,417,563	627,012	1,790,551
Youth not yet started transition	3,619,275	1,795,656	1,823,619
Youth transitioned to stability and satisfaction job (%)	49.8	56.9	43.5
In transition (%)	20.1	11.1	28.0
Not yet started transition (%)	30.1	31.9	28.5

Source: Myanmar Labour Force, Child Labour and School-to-Work Transition Survey-2015.

 METHODOLOGY SHEET | **Women employed in State Organizations and Government**
Ministries

Responsible Unit (Service or Structure)	Respective State Organizations and Ministries
Level of Disaggregation	State Organizations and Ministries
Study Variables	Number of offices and departments supplying information, Women employed
Classification Variables	Percentage of Women in total employed, Percentage of Women employed at Deputy Director or equal and above posts in total at Deputy Director or equal and above posts, Percentage of Women employed at Deputy Director or equal and above posts in total employed, Percentage of Women employed at Deputy Director or equal and above posts in female employed
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Employed person in State Organizations and Ministries
Tables	7.11

TABLE 7.11 PERCENT OF FEMALE EMPLOYED
Year 2016/2017, absolute and percentage values

Description	No.of Offices/ Departments Supplying Information	Female Employed Percent in Total Employed	Female Employed Percent at Deputy Director or Equal and above posts in Total at Deputy Director or Equal and above posts	Female Employed Percent at Deputy Director or equal and above posts in Total Employed	Female Employed Percent at Deputy Director or equal and above posts in Female Employed
Grand Total	195	57.96	46.07	0.56	0.97
State Administrative Organizations	21	56.57	41.48	1.46	2.59
President's Office	1	51.26	10.00	1.15	2.24
Union Government's Office	1	52.68	13.64	1.34	2.54
Pyidaungsu Hluttaw Office	1	57.82	25.00	1.70	2.94
Pyithu Hluttaw Office	1	70.94	23.26	1.71	2.41
Amyothar Hluttaw Office	1	66.23	38.24	3.38	5.10
Supreme Court of the Union <u>2/</u>	1	47.89	64.29	1.96	4.08
Constitutional Tribunal of the Union	1	53.19	18.75	3.19	6.00
Union Election Commission Office 1/	1	56.97	9.68	0.17	0.29
Union Attorney General's Office	1	50.67	56.00	5.15	10.16
Office of the Auditor General of the Union	1	78.75	74.74	1.07	1.35
Union Civil Service Board	5	54.90	54.24	2.43	4.43
Central Bank of Myanmar	1	72.84	65.79	3.76	5.17
Anti-Corruption Commission Office	1	52.98	26.23	3.31	6.25
Myanmar National Human Rights Commission	1	46.77	20.00	1.61	3.45
Naypyitaw City Development Committee	1	39.62	15.92	1.06	2.69
Yangon City Development Committee	1	50.58	18.75	0.36	0.72
Mandalay City Development Committee	1	44.00	13.33	0.09	0.20

TABLE 7.11 PERCENT OF FEMALE EMPLOYED (concl'd)
Year 2016/2017, absolute and percentage values

Description	No. of Offices/ Departments Supplying Information	Female Employed Percent in Total Employed	Female Employed Percent at Deputy Director or Equal and above posts in Total at Deputy Director or Equal and above posts	Female Employed Percent at Deputy Director or equal and above posts in Total Employed	Female Employed Percent at Deputy Director or equal and above posts in Female Employed
Ministries	174	58.00	46.54	0.53	0.97
Ministry of Foreign Affairs	9	54.64	33.15	5.10	9.34
Ministry of Home Affairs	6	17.38	5.91	0.03	0.20
Ministry of Defence	7	76.44	12.50	0.01	0.02
Ministry of Border Affairs	4	50.38	42.86	2.37	4.71
Ministry of the Office of the State Counsellor	1	54.43	0.00	0.00	0.00
Ministry of Information	5	52.87	16.46	0.18	0.34
Ministry of Religious Affairs and Culture	10	51.41	27.80	1.42	2.77
Ministry of Agriculture, Livestock and Irrigation	16	39.42	30.95	0.43	1.09
Ministry of Transport and Communications	19	26.76	16.83	0.21	0.80
Ministry of Natural Resources and Environmental Conservation	14	24.92	12.47	0.16	0.65
Ministry of Electricity and Energy	12	25.11	17.71	0.27	1.08
Ministry of Labour, Immigration and Population	9	51.35	29.79	0.68	1.32
Ministry of Industry	6	61.90	33.66	0.76	1.23
Ministry of Commerce	4	47.67	29.71	1.32	2.77
Ministry of Education	12	78.63	76.10	0.63	0.80
Ministry of Health and Sports	6	60.60	55.15	0.88	1.45
Ministry of Planning and Finance	22	58.08	40.70	1.00	1.73
Ministry of Construction	5	44.79	25.19	0.65	1.44
Ministry of Social Welfare, Relief and Resettlement	3	71.93	45.92	1.55	2.16
Ministry of Hotels and Tourism	2	59.12	21.43	1.18	1.99
Ministry of Ethnic Affairs	1	58.74	0.00	0.00	0.00

Notes: 1/ Multi Party Democracy General Election Commission was transformed as Union Election Commission Office in 2009-10.
2/ Supreme Court of the Union includes Supreme Court (Yangon) and Supreme Court (Mandalay) from 2004-05 to 2009-10.

Source: Respective State Organizations and Ministries.

METHODOLOGY SHEET | Establishments and Employees registered with the Social Security Board

Responsible Unit (Service or Structure)	Social Security Board
Level of Disaggregation	Union, States and Regions
Study Variables	Establishments registered with the Social Security Board
Classification Variables	Benefit and Employee Range
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Establishments, Employers and Employees under the social security scheme
Tables	7.12, 7.13

TABLE 7.12 AWARDS BY TYPE OF SOCIAL BENEFIT
Years 2010/2011-2016/2017, absolute values

Benefit		2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
General Insurance								
Sickness	Claims	40,891	43,690	39,497	43,028	56,276	75,911	114,395
	Awards	40,891	43,690	39,497	43,028	56,276	75,911	112,195
Maternity	Claims	2,669	2,804	3,320	3,724	4,625	6,582	9,027
	Awards	2,669	2,804	3,320	3,724	4,623	6,582	8,621
Paternity benefit	Claims	-	-	-	-	449	2,863	5,202
	Awards	-	-	-	-	448	2,863	4,955
Maternity expenses of insured wife	Claims	-	-	-	-	745	5,794	8,141
	Awards	-	-	-	-	745	5,794	7,832
Maternity expenses of uninsured	Claims	-	-	-	-	276	1,833	3,440
	Awards	-	-	-	-	276	1,833	3,314
Adoption of a child	Claims	-	-	-	-	-	1	-
	Awards	-	-	-	-	-	1	-
Death	Claims	1,628	1,423	1,433	1,491	1,539	1,698	1,585
	Awards	1,628	1,423	1,433	1,491	1,539	1,698	1,561
Employment Injury Insurance								
Temporary Disability	Claims	1,025	1,201	1,235	1,129	1,285	1,465	1,818
Benefit	Awards	1,025	1,201	1,235	1,129	1,285	1,465	1,749
Permanent Disability	Claims	138	526	526	370	301	517	212
Benefit	Awards	138	526	526	370	301	517	206
Survivors' Pension	Claims	-	-	-	-	-	-	61
	Awards	625	489	484	343	321	364	56

Notes: Claims= New cases which are claimed within financial year.

Awards= New cases which are allowed within financial year.

Source: Social Security Board.

TABLE 7.13 ESTABLISHMENTS REGISTERED WITH THE SOCIAL SECURITY BOARD
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Employee Range	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	31,009	36,938	38,950	33,119	34,906	25,618	27,776
0-4	-	-	-	-	-	-	9,236
5-9	24,186	28,642	29,882	23,890	24,354	15,684	7,761
10-25	4,066	4,803	5,080	4,871	4,997	4,318	5,116
26- 50	1,153	1,611	1,799	1,934	2,018	2,163	2,468
51- 75	475	615	686	848	768	873	844
76- 100	228	273	315	358	411	497	581
101- 125	227	248	276	237	463	324	299
126- 150	114	112	155	150	198	211	226
151- 175	48	75	95	116	158	170	173
176- 200	50	78	105	119	106	122	129
201- 225	65	44	58	61	97	96	107
226- 250	45	70	67	78	97	115	95
251- 500	208	206	238	252	743	547	359
501- 750	64	65	78	83	150	154	155
751-1000	21	28	40	42	243	217	88
1001 and above	59	68	76	80	103	127	139

Source : Social Security Board.

METHODOLOGY SHEET | Salient Features of the Social Security Schemes

Responsible Unit (Service or Structure)	Social Security Board
Level of Disaggregation	Union, States and Regions
Study Variables	Number of Towns, Registered Insured Persons, Actively Insured Persons, Establishments, Employer's Contribution, Employee's Contribution. Benefits in kyat millions for: Sickness, Maternity, Paternity, Maternity expenses of insured and uninsured wife, Adoption of a Child, Death, Temporary and Permanently Disability, Survivor Pensions, Medical Care
Classification Variables	Selected Economic Activity
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Establishments, Employers and Employees
Tables	7.14, 7.15

TABLE 7.14 EMPLOYEES ACTIVELY REGISTERED WITH THE SOCIAL SECURITY BOARD
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	No of Towns	108	110	110	110	110	110	116
	Establishments	31,009	36,938	38,950	33,119	34,906	25,618	27,776
	Male Workers	284,835	273,318	307,629	325,030	359,558	388,981	432,635
	Female Workers	209,550	242,754	303,851	364,484	419,279	482,339	568,574
Kachin State	No of Towns	1	1	1	1	1	1	1
	Establishments	220	281	299	198	214	210	231
	Male Workers	1,465	1,475	1,427	1,434	1,552	1,878	2,035
	Female Workers	428	554	673	670	835	1,041	1,091
Kayah State	No of Towns	1	1	1	1	1	1	1
	Establishments	107	136	110	93	104	107	116
	Male Workers	912	629	684	702	809	855	930
	Female Workers	270	288	298	342	518	568	592
Kayin State	No of Towns	1	1	1	1	1	1	1
	Establishments	171	227	211	137	150	152	181
	Male Workers	1,849	1,876	1,951	1,960	1,718	1,746	2,011
	Female Workers	880	1,039	1,090	1,085	1,399	1,292	2,313
Sagaing Region	No of Towns	6	6	6	6	6	6	6
	Establishments	2,075	2,453	2,426	1,885	1,960	1,589	1,690
	Male Workers	13,073	12,972	13,194	13,686	16,651	17,432	19,288
	Female Workers	7,772	7,926	8,103	8,959	10,041	10,505	11,015
Tanintharyi Region	No of Towns	2	2	2	2	2	2	2
	Establishments	584	637	675	454	479	330	364
	Male Workers	2,345	2,590	3,156	3,841	4,733	4,329	4,968
	Female Workers	3,571	3,196	3,926	4,319	4,084	4,510	4,503
Bago Region	No of Towns	18	18	18	18	18	18	18
	Establishments	2,629	3,027	3,068	2,618	2,714	2,007	2,197
	Male Workers	24,073	21,312	20,743	20,993	21,174	23,008	23,070
	Female Workers	17,102	17,003	19,156	20,387	24,960	30,317	35,012
Magway Region	No of Towns	7	7	7	7	7	7	7
	Establishments	1,337	1,539	1,553	1,208	1,275	1,008	1,118
	Male Workers	18,925	14,935	14,617	14,809	15,234	16,170	16,917
	Female Workers	10,577	7,931	8,043	8,346	8,791	9,332	9,787

TABLE 7.14 EMPLOYEES ACTIVELY REGISTERED WITH THE SOCIAL SECURITY BOARD (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions		2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Mandalay Region	No of Towns	14	16	16	16	16	13	13
	Establishments	7,903	9,881	10,701	10,118	10,458	6,524	6,863
	Male Workers	54,629	63,715	69,224	70,731	74,841	64,191	69,124
	Female Workers	25,984	41,387	48,411	56,376	59,598	52,370	59,719
Mon State	No of Towns	4	4	4	4	4	4	4
	Establishments	1,137	1,325	1,402	1,258	1,308	868	960
	Male Workers	9,314	7,043	6,860	6,897	6,210	7,155	8,254
	Female Workers	2,593	2,603	3,312	3,611	3,843	4,490	5,247
Rakhine State	No of Towns	2	2	2	2	2	2	2
	Establishments	347	271	298	303	331	254	286
	Male Workers	2,997	2,539	2,715	2,838	2,886	2,898	3,246
	Female Workers	1,226	1,325	1,691	1,845	2,043	1,980	2,448
Yangon Region	No of Towns	39	39	39	39	39	39	40
	Establishments	11,097	13,304	14,245	11,741	12,650	9,396	10,304
	Male Workers	134,664	125,317	153,723	167,440	195,347	216,557	246,409
	Female Workers	131,341	151,176	200,372	247,283	289,953	339,563	406,305
Shan State	No of Towns	4	4	4	4	4	4	4
	Establishments	1,307	1,592	1,712	1,438	1,529	1,115	1,207
	Male Workers	5,310	5,622	6,639	6,835	7,057	7,373	8,579
	Female Workers	1,932	2,524	3,537	4,080	4,791	5,303	5,837
Ayeyarwady Region	No of Towns	9	9	9	9	9	9	9
	Establishments	2,095	2,265	2,250	1,668	1,734	1,446	1,579
	Male Workers	16,279	13,293	12,696	12,864	11,346	12,308	13,443
	Female Workers	5,874	5,802	5,239	7,181	8,423	10,896	13,736
Union Territory (Establishment)	No of Towns	-	-	-	-	-	3	8
	Establishments	-	-	-	-	-	612	680
	Male Workers	-	-	-	-	-	13,081	14,361
	Female Workers	-	-	-	-	-	10,172	10,969

Source: Social Security Board.

TABLE 7.15 SALIENT FEATURES OF THE SOCIAL SECURITY SCHEMES
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Coverage (Number)							
Towns	108	110	110	110	110	110	116
Registered Insured Persons	967,350	999,530	624,018	703,134	778,837	871,320	1,001,209
Actively Insured Persons	502,263	534,443	624,018	703,134	778,837	871,320	1,001,209
Establishments	31,009	36,938	39,530	33,733	34,906	25,618	27,776
Finance (Kyat Million)							
State Contribution	-	-	-	-	-	-	-
Employer's Contribution	892.10	3,618.73	4,966.19	5,752.46	18,711.47	31,772.11	43,798.56
Employee's Contribution	535.26	2,169.11	2,980.39	3,452.08	12,445.86	21,184.05	29,196.74
Total	1,427.36	5,787.84	7,946.58	9,204.54	31,157.33	52,956.16	72,995.30
Benefits (Kyat Million)							
Sickness	30.52	135.44	159.78	162.80	415.51	941.02	1,733.31
Maternity	19.47	108.17	145.76	166.89	414.53	1,144.75	2,032.32
Paternity benefit	-	-	-	-	12.49	123.47	262.13
Maternity expenses of insured wife	-	-	-	-	24.69	59.08	131.53
Maternity expenses of uninsured wife	-	-	-	-	5.94	276.02	498.80
Adoption of a child	-	-	-	-	-	0.21	-
Death	33.06	65.20	57.60	59.96	152.44	364.42	578.42
Temporary Disability	3.62	15.93	24.09	22.24	56.21	93.48	184.78
Permanent Disability	4.66	127.22	65.82	100.59	165.24	93.33	143.21
Survivor's Pension	2.23	115.28	50.56	141.55	270.68	205.89	259.70
Medical Care	380.13	1,251.71	1,741.14	903.05	1,940.18	5,569.19	5,139.13
Total	473.69	1,818.95	2,244.75	1,557.08	3,457.91	8,870.86	10,963.33
Establishment by Selected Economic Activity (Number)							
Textiles	1,359	1,660	1,812	1,291	1,552	818	871
Food and beverage	5,616	6,386	6,417	5,468	6,689	4,156	4,256
Tobacco	900	1,131	916	682	657	414	354
Footwear and Garment	1,427	1,015	1,812	962	1,267	954	1,018
Wholesale and Retail Trade	3,647	5,139	5,524	4,864	7,161	5,051	5,804
Printing and Publishing	438	517	563	524	427	411	411
Personal Service	5,511	7,157	7,676	6,586	981	1,492	3,491
Recreation Service	455	586	590	455	709	442	860
Transportation Business	-	-	-	-	-	-	823
Electronic and Peripheral	-	-	-	-	-	-	880
Equipment Production, Transmission, Distribution and Installation Business	-	-	-	-	-	-	-
Forest, Forest Product and Related Enterprises	-	-	-	-	-	-	1,069
Business of Financial Services	-	-	-	-	-	-	1,318
Services	-	-	-	-	-	-	1,764
Others	11,656	13,347	14,220	12,901	15,463	11,880	4,857

Note : State contribution ceased with effect from 11.6.1991 under the notification of the Ministry of Labour, Immigration and Population.

Source : Social Security Board.



8

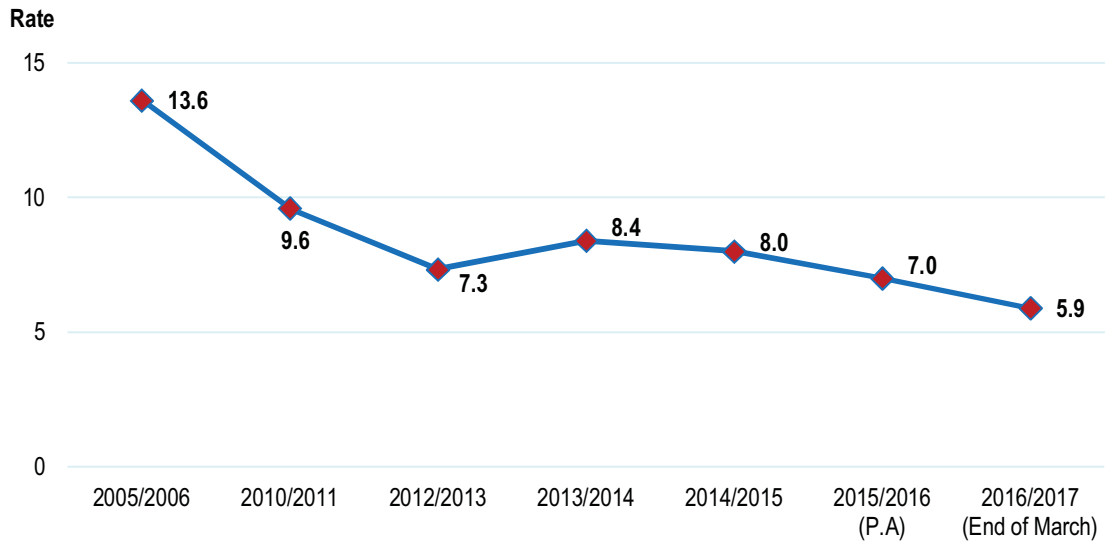
National Accounts



The Gross Domestic Product, **GDP**, at current prices amounted to **79,720,897.9** millions of Kyat in the fiscal year 2016-2017. | The Real GDP increased by **5.9%** in 2016-2017 as compared to the previous period. | **Consumption share** of GDP was slightly over **73%**, **Investment** incidence was **33%** in the fiscal year 2016-2017. | At current prices, **per capita GDP** was equal to 1,506,527 Kyat, **per capita Consumption** to 1,104,878 Kyat in the fiscal year 2016-2017. | Among the sectors of economic activity, **Agriculture** represented **26%** of GDP, **Industry 35%** and **Services 39%** in the fiscal year 2016-2017.

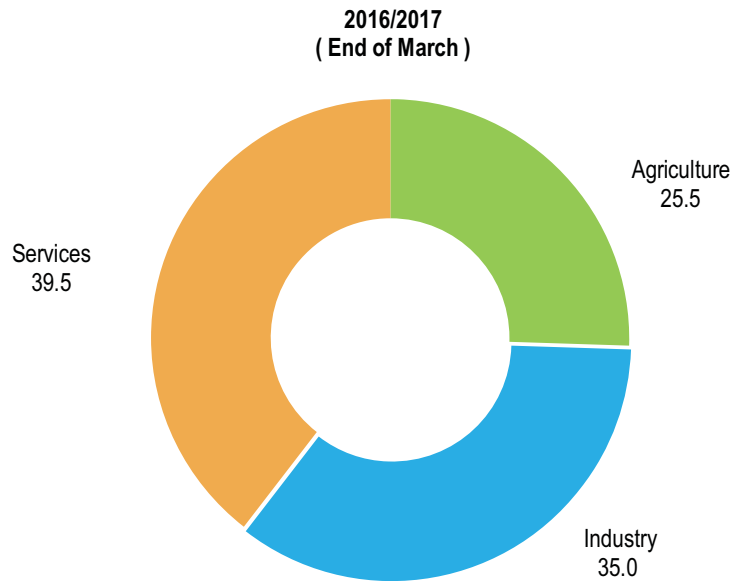


FIGURE 8.1 ANNUAL GROWTH RATES OF GROSS DOMESTIC PRODUCT



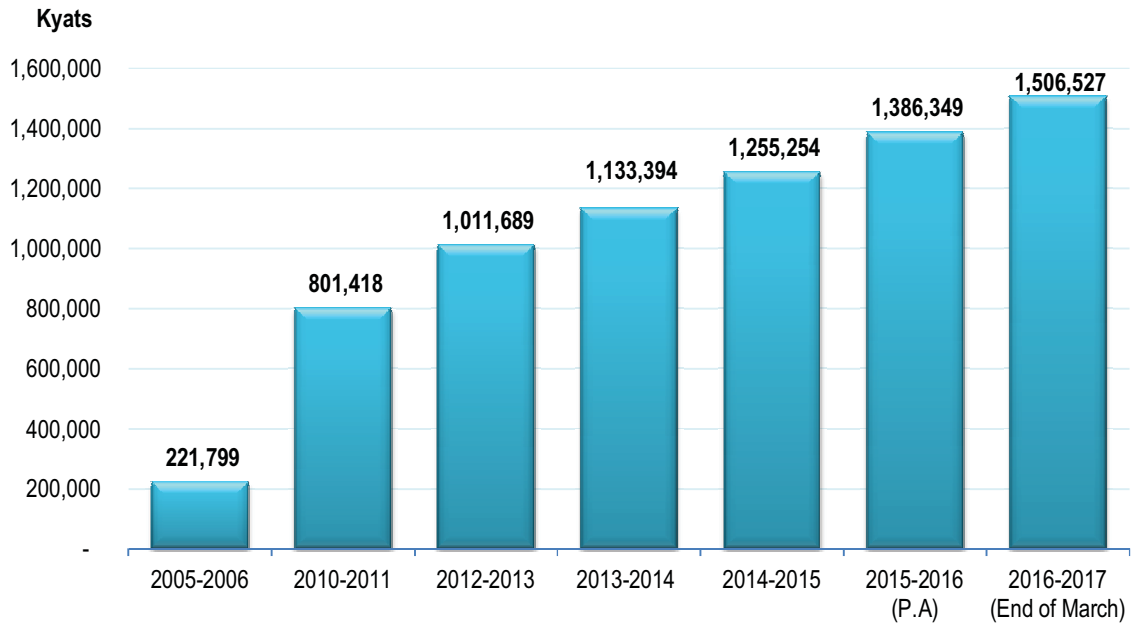
Source: Planning Department

FIGURE 8.2 SHARE OF GDP (CURRENT PRODUCERS' PRICES)



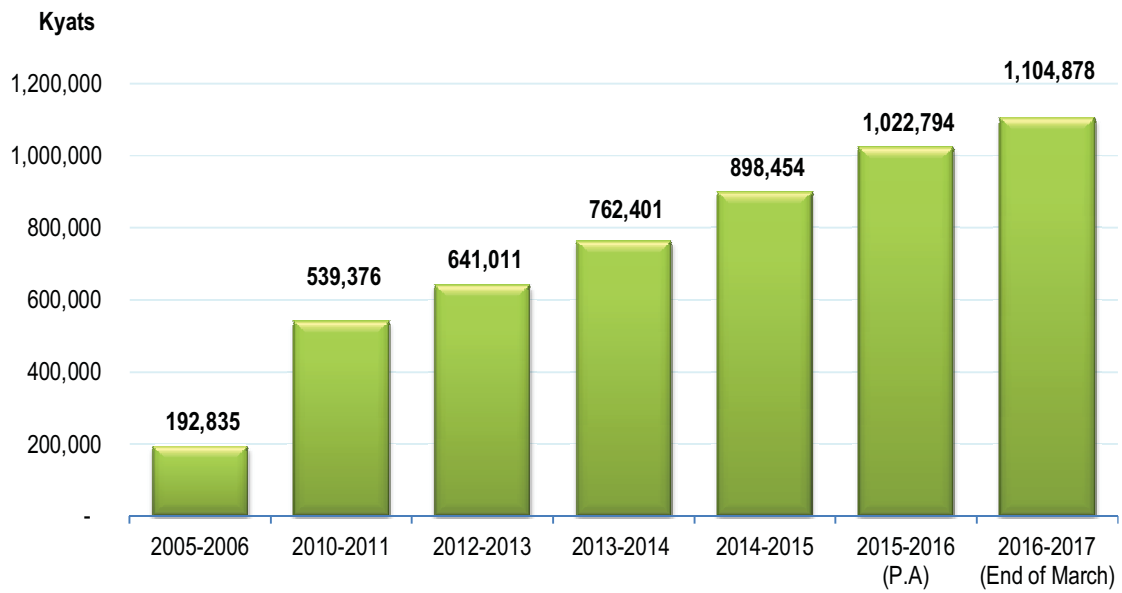
Source: Planning Department

FIGURE 8.3 PER CAPITA GDP



Source: Planning Department

FIGURE 8.4 PER CAPITA CONSUMPTION



Source: Planning Department

NATIONAL ACCOUNTS

METHODOLOGY SHEET | **Gross Domestic Product**

Responsible Unit (Service or Structure)	Planning Department
Level of Disaggregation	Union
Study Variables	Gross Domestic Product (GDP) by production approach
Classification Variables	Both at current price and constant price
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Quarterly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	-
Tables	8.01, 8.02

TABLE 8.01 GROSS DOMESTIC PRODUCT AT CURRENT PRICES BY SECTOR OF ACTIVITY
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions of Kyat

Sectors	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
AGRICULTURE	5736351.7	14658961.3	15680310.0	17132994.3	18162255.2	19466836.8	20300035.6
Agriculture	4718474.3	11108404.4	11349615.2	12316081.8	12780581.2	13417668.2	13736113.2
Livestock and Fishery	941058.8	3392103.2	4141221.1	4631983.8	5243293.9	5906519.1	6505195.6
Forestry	76818.6	158453.7	189473.7	184928.7	138380.1	142649.5	58726.8
INDUSTRY	2151683.5	10528139.7	16594170.9	18773849.8	22508639.8 (r)	25063666.0	27917838.0
Energy	20075.7	66994.9	2745827.8	2919975.0	4011395.0 (r)	3687516.1	2669961.3
Mining	69392.9	299433.4	418323.5	547645.2	786098.5	759981.8	835279.5
Processing and Manufacturing	1572906.7	7900494.0	10299192.0	11553545.4	13007189.6	15130436.7	18167436.6
Electric Power	27652.3	421882.7	614929.5	695854.4	926865.5	1030836.9	1111243.5
Construction	461655.9	1839334.7	2515898.1	3056829.8	3777091.2	4454894.5	5133917.1
SERVICES	4398730.2	14589663.9	18984779.1	22104781.9	24590995.2 (r)	28183518.4	31503024.3
Transportation	1283046.6	4594356.4	6112723.9	6925715.5	7512856.0 (r)	8239652.8	8948034.7
Communications	129115.7	332227.1	605796.9	913831.7	1158119.7	1512271.1	1638899.7
Financial Institutions	10237.4	37715.4	85345.7	114385.1	139681.3	173401.9	233833.0
Social and Administrative Services	112598.9	915719.6	1326076.7	1683301.2	2025534.2	2686743.5	2806426.9
Rental and Other Services	196533.9	738484.2	1095645.8	1323897.9	1537311.7	1812108.0	2159037.1
Trade	2667197.7	7971161.2	9759190.1	11143650.5	12217492.3	13759341.1	15716792.9
GROSS DOMESTIC PRODUCT ¶	12286765.4	39776764.9	51259260.0	58011626.0	65261890.2 (r)	72714021.2	79720897.9

Source : Planning Department.

TABLE 8.02 GROSS DOMESTIC PRODUCT AT CONSTANT PRICES BY SECTOR OF ACTIVITY
Years 2005/2006,2010/2011, 2012/2013-2016/2017 absolute values in millions of kyat

Sectors	(At 2000-2001 Constant Prices) 2005-2006	(At 2010-2011 Constant Prices)	
		2010-2011	2012-2013
AGRICULTURE	2339957.3	14658961.3	14807052.2
Agriculture	1878319.0	11108404.4	10724796.7
Livestock and Fishery	444564.1	3392103.2	3900918.6
Forestry	17074.2	158453.7	181336.9
INDUSTRY	715326.9	10528139.7	12533395.1
Energy	9221.0	66994.9	63390.1
Mining	23950.3	299433.4	310684.9
Processing and Manufacturing	532178.5	7900494.0	9483383.4
Electric Power	5706.6	421882.7	484041.2
Construction	144270.5	1839334.7	2191895.5
SERVICES	1619935.4	14589663.9	17740214.2
Transportation	359877.4	4594356.4	5588692.3
Communications	32477.8	332227.1	1211651.5
Financial Institutions	10237.4	37715.4	110138.5
Social and Administrative Services	69937.3	915719.6	1129435.6
Rental and Other Services	73109.0	738484.2	988906.7
Trade	1074296.5	7971161.2	8711389.6
GROSS DOMESTIC PRODUCT □	4675219.6	39776764.9	45080661.5

TABLE 8.02 GROSS DOMESTIC PRODUCT AT CONSTANT PRICES BY SECTOR OF ACTIVITY (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in millions of kyat

Sectors	(At 2010-2011 Constant Prices)			
	2013-2014	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
AGRICULTURE	15346105.9	15768771.3	16306177.9	(r) 16243869.9
Agriculture	10959270.5	11113012.3	11357413.2	11278025.7
Livestock and Fishery	4217589.2	4529326.4	4820334.8	4914210.5
Forestry	169246.2	126432.6	128429.9	(r) 51633.7
INDUSTRY	13963076.0	15659182.3	(r) 16962757.1	(r) 18477950.3
Energy	65283.0	88821.0	(r) 88366.9	(r) 82077.1
Mining	407170.5	610518.7	512226.7	(r) 572049.1
Processing and Manufacturing	10387879.6	11370547.1	12496231.2	(r) 13661017.9
Electric Power	551844	633345.9	716282.5	(r) 772890.9
Construction	2550898.9	2955949.6	3149649.8	3389915.3
SERVICES	19569976.6	21357097.2	(r) 23207290.1	(r) 25070723.8
Transportation	6241482.8	6609978.5	(r) 7133374.6	(r) 7664060.8
Communications	1546393.2	2185657.1	2639379.8	(r) 2938972.3
Financial Institutions	147613.6	180258.9	223775.5	(r) 301761.8
Social and Administrative Services	1271001.0	1421441.8	1506569.0	1573628.7
Rental and Other Services	1145558.3	1269456.4	1417942.3	1590433.7
Trade	9217927.7	9690304.5	10286248.9	11001866.5
GROSS DOMESTIC PRODUCT	48879158.5	52785050.8	(r) 56476225.1	(r) 59792544.0

Source: Planning Department.

METHODOLOGY SHEET | Expenditure on Gross Domestic Product

Responsible Unit (Service or Structure)	Planning Department
Level of Disaggregation	Union
Study Variables	Gross Domestic Product (GDP) by expenditure approach. Per capita GDP
Classification Variables	Both at current price and constant price
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Quarterly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	-
Tables	8.03, 8.04

TABLE 8.03 EXPENDITURE ON GROSS DOMESTIC PRODUCT AT CURRENT PRICES
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in Kyat Million and Kyat

Particulars	2005-2006	2010-2011	2012-2013	2013-2014 ¹	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
	kyat in million						
1. Total Consumption*	10682305.0	26770837.4	32478111.3	39022739.7 (r)	46711542.8 (r)	53645564.7	58466832.5
2. Total Investment	1563754.0	9115073.7	15316371.3	18282781.5	20700859.5	25152151.1	26371778.5
3. Stock Changes	(+)57040.5	(+)106059.2	(+)532457.4	(+)255396.6	(+)277266.3	(+)163142.6	(+)1025934.6
4. Exports (Fob)	19802.7	7791732.0	7572516.8 **	9689982.8 **	11519571.5 **	12648218.5 **	13877942.1 **
5. Imports (Cif)	11514.2	6002287.2	7722904.9 **	13301995.6 **	16596537.2 **	20317456.9 **	21632414.7 **
6. Statistical Discrepancy ***	(-)24622.6	(+)1995349.8	(+)3082708.1	(+)4062721.0 (r)	(+)2649187.3 (r)	(+)1422401.2	(+)1610824.9
7. Gross Domestic Product	12286765.4	39776764.9	51259260.0	58011626.0	65261890.2 (r)	72714021.2	79720897.9
	kyat						
8. Per Capita GDP	221799	801418	1011689	1133394	1255254 (r)	1386349	1506527
9. Per Capita Consumption	192835	539376	641011	762401 (r)	898454 (r)	1022794	1104878
10. Per Capita Investment	28229	183649	302295	357197	398162 (r)	479545	498361

Notes : * 2005/2006 consumption data are estimated based on the Integrated Household Living Conditions Assessment (IHLCA) Survey, 2004. The data for 2010/2011 to 2015/2016 are estimated based on IHLCA Survey, 2009.

** Converting US\$ terms into kyat by market exchange rate.

*** Statistical discrepancy are difference between GDP by product approach [(7)] and GDP by expenditure approach [(1)+(2)+(3)+(4)-(5)].

Source: Planning Department.

TABLE 8.04 EXPENDITURE ON GROSS DOMESTIC PRODUCT AT CONSTANT PRICES
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in Kyat Million and Kyat

Particulars	(At 2000-2001 Constant Prices) 2005-2006	(At 2010-2011 Constant Prices)	
		2010-2011	2012-2013
kyat in million			
1. Total Consumption*	4064649.4	26770837.4	30697647.7
2. Total Investment	708536.9	9115073.7	13470193.5
3. Stock Changes	(+) 24254.6	(+) 106059.2	(+) 472954.1
4. Exports (Fob)	15495.1	7791732.0	7157388.3
5. Imports (Cif)	9917.5	6002287.2	6299269.9
6. Statistical Discrepancy **	(-) 127798.9	(+) 1995349.8	(-)418252.2
7. Gross Domestic Product	4675219.6	39776764.9	45080661.5
kyat			
8. Per Capita GDP	84396	801418	889744
9. Per Capita Consumption	73374	539376	605871
10. Per Capita Investment	12790	183649	265857

TABLE 8.04 EXPENDITURE ON GROSS DOMESTIC PRODUCT AT CONSTANT PRICES (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in Kyat Million and Kyat

Particulars	(At 2010-2011 Constant Prices)			
	2013-2014	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
kyat in million				
1. Total Consumption*	34904060.6 (r)	38793140.1 (r)	40501832.9	41340966.7
2. Total Investment	15405175.1	16612058.3 (r)	19389181.3	19621859.0
3. Stock Changes	(+)253122.4	(+)224808.5	(+)155509.0	(+)763344.2
4. Exports (Fob)	8081720.4	9592054.8	11036839.9	10989817.9
5. Imports (Cif)	9723681.0	11888637.0	14460823.4	12809340.8
6. Statistical Discrepancy **	(-)41239.0 (r)	(-)548373.9 (r)	(-)146314.6	(-)114103.0
7. Gross Domestic Product	48879158.5	52785050.8 (r)	56476225.1	59792544.0
kyat				
8. Per Capita GDP	954969	1015273 (r)	1076763	1129931
9. Per Capita Consumption	681933 (r)	746151 (r)	772199	781242
10. Per Capita Investment	300976	319518 (r)	369670	370804

Notes : * 2005/2006 consumption data are estimated based on the Integrated Household Living Conditions Assessment (IHLCA) Survey, 2004. The data for 2010/2011 to 2014/2015 are estimated based on IHLCA Survey, 2009.

** Statistical discrepancy are difference between GDP by product approach [(7)] and GDP by expenditure approach [(1)+(2)+(3)+(4)-(5)].

Source: Planning Department.

METHODOLOGY SHEET | Annual growth rates of Gross Domestic Product

Responsible Unit (Service or Structure)	Planning Department
Level of Disaggregation	Union
Study Variables	By sector of activities
Classification Variables	Annual growth rate of GDP at constant prices by sector
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Quarterly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	-
Tables	8.05

TABLE 8.05 ANNUAL GROWTH RATES OF GROSS DOMESTIC PRODUCT
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in Percent

Sectors	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
AGRICULTURE	12.1	4.7	1.7	3.6	2.8	3.4	(-)0.4
Agriculture	10.7	4.0	(-) 0.2	2.2	1.4	2.2	(-)0.7
Livestock and Fishery	18.8	7.5	7.1	8.1	7.4	6.4	1.9
Forestry	4.0	0.4	6.6	(-) 6.7	(-)25.3	1.6	(-)59.8
INDUSTRY	19.9	18.6	8.0	11.4	12.1	8.3	8.9
Energy	19.4	(-) 6.0	(-) 1.3	3.0	36.1	(-)0.5	(-)7.1
Mining	37.0	10.7	(-) 7.8	31.1	49.9	(-)16.1	11.7
Processing and Manufacturing	21.9	20.5	8.3	9.5	9.5	9.9	9.3
Electric Power	19.2	28.0	9.0	14.0	14.8	13.1	7.9
Construction	11.0	12.5	9.3	16.4	15.9	6.6	7.6
SERVICES	13.1	9.5	12.0	10.3	9.1	8.7	8.0
Transportation	16.2	7.1	8.1	11.7	5.9	7.9	7.4
Communications	18.5	8.9	200.2	27.6	41.3	20.8	11.4
Financial Institutions	51.7	37.9	41.3	34.0	22.1	24.1	34.9
Social and Administrative Services	8.4	15.9	14.2	12.5	11.8	6.0	4.5
Rental and Other Services	12.0	12.5	16.1	15.8	10.8	11.7	12.2
Trade	12.1	10.3	4.4	5.8	5.1	6.1	7.0
GROSS DOMESTIC PRODUCT	13.6	9.6	7.3	8.4	8.0	7.0	5.9
PER CAPITA GDP	11.3	8.4	6.2	7.3	6.3	6.1	4.9
PER CAPITA CONSUMPTION	12.3	1.5	7.0	12.6 (r)	9.4 (r)	3.5	1.2
PER CAPITA INVESTMENT	27.1	30.9	8.8	13.2	6.2 (r)	15.7	0.3

Source: Planning Department.

METHODOLOGY SHEET | Shares of Gross Domestic Product

Responsible Unit (Service or Structure)	Planning Department
Level of Disaggregation	Union
Study Variables	By sector of activities
Classification Variables	Gross domestic product at current prices by sector
Type of Dissemination	Publication (Book and CD Rom), on line databanks
Frequency of Dissemination	Quarterly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	-
Tables	8.06

TABLE 8.06 SHARES OF GROSS DOMESTIC PRODUCT AT CURRENT PRICES BY SECTOR OF ACTIVITY
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values in Percent

Sectors	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016 (P.A)	2016-2017 (End of March)
AGRICULTURE	46.7	36.8	30.6	29.5	27.8	26.8	25.5
Agriculture	38.4	27.9	22.1	21.2	19.6	18.5	17.2
Livestock and Fishery	7.7	8.5	8.1	8.0	8.0	8.1	8.2
Forestry	0.6	0.4	0.4	0.3	0.2	0.2	0.1
INDUSTRY	17.5	26.5	32.4	32.4	34.5	34.5	35.0
Energy	0.2	0.2	5.4	5.0	6.2	5.1	3.3
Mining	0.6	0.7	0.8	1.0	1.2	1.1	1.1
Processing and Manufacturing	12.8	19.9	20.1	19.9	19.9	20.8	22.8
Electric Power	0.2	1.1	1.2	1.2	1.4	1.4	1.4
Construction	3.7	4.6	4.9	5.3	5.8	6.1	6.4
SERVICES	35.8	36.7	37.0	38.1	37.7	38.7	39.5
Transportation	10.4	11.5	11.9	11.9	11.5	11.3	11.2
Communications	1.1	0.8	1.2	1.6	1.8	2.1	2.1
Financial Institutions	0.1	0.1	0.2	0.2	0.2	0.2	0.3
Social and Administrative Services	0.9	2.3	2.6	2.9	3.1	3.7	3.5
Rental and Other Services	1.6	1.9	2.1	2.3	2.4	2.5	2.7
Trade	21.7	20.1	19.0	19.2	18.7	18.9	19.7
GROSS DOMESTIC PRODUCT	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: Planning Department.



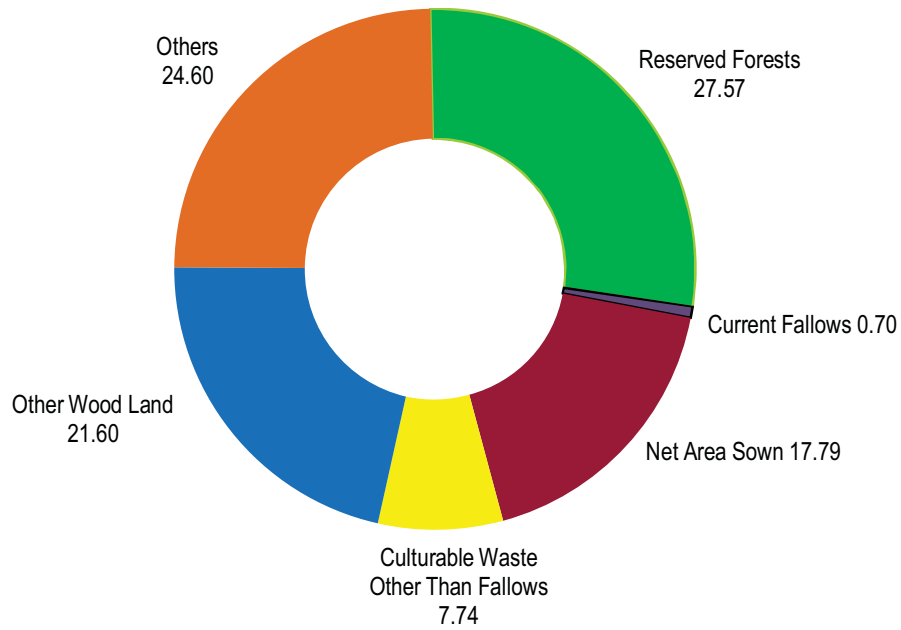
9

Agriculture



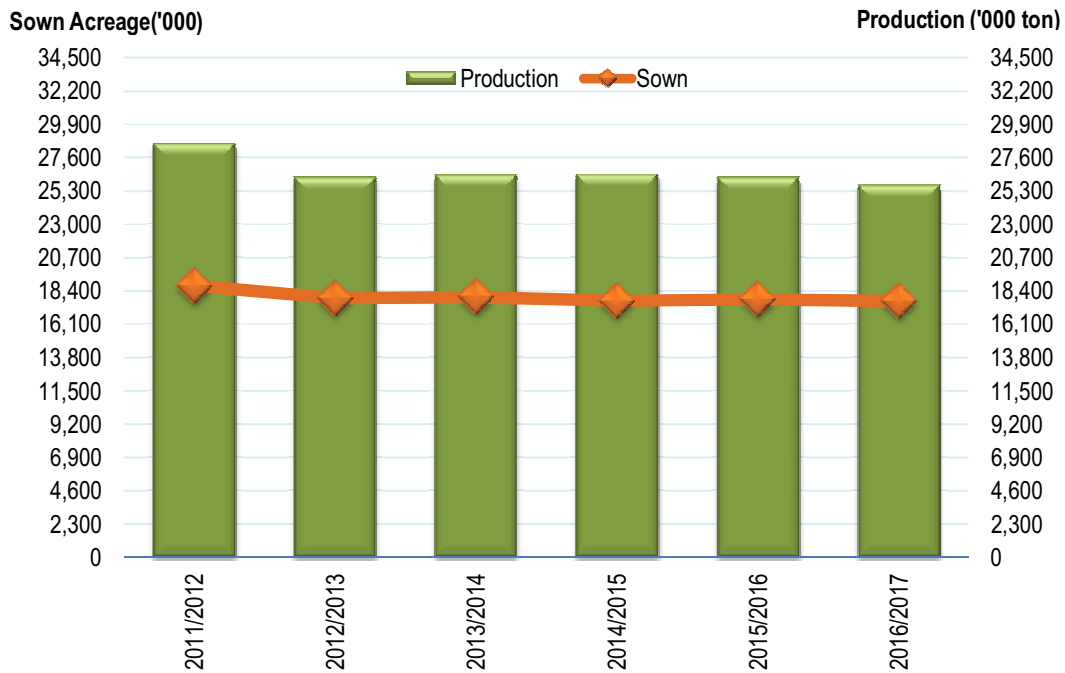
Over **30%** of 161,303,131 acres Myanmar land area was **arable** in 2016-2017. | About **17.79%** of Agriculture area was **net area sown** equal to **29,745,799** acres. | **12,945,619** acres were devoted to **cultivable waste** other than fallow land and **36,106,999** acres to **wood land** in 2015-2016. | In 2015-2016 sown crops of **paddy** were equal to **17,695 thousand** acres, with a paddy production of **25,673 thousand** tons. | Figures of all types of Livestock **increased** in 2016-2017 as compared to the previous period: **Cattle** -0.02%, **Sheep** and **Goats** +0.18%, **Pigs** -0.10%, **Fowl** -7.00% and **Duck** -0.15%. | **Fresh Water Fisheries** production was equal to 1,616,143 thousand Viss and **Marine Fisheries** to 1,859,487 thousand Viss (1 Viss = 1.6329 kilogram).

FIGURE 9.1 PERCENTAGE OF AREA CLASSIFIED BY TYPE OF LAND, 2016/2017 (Thousand Acres)



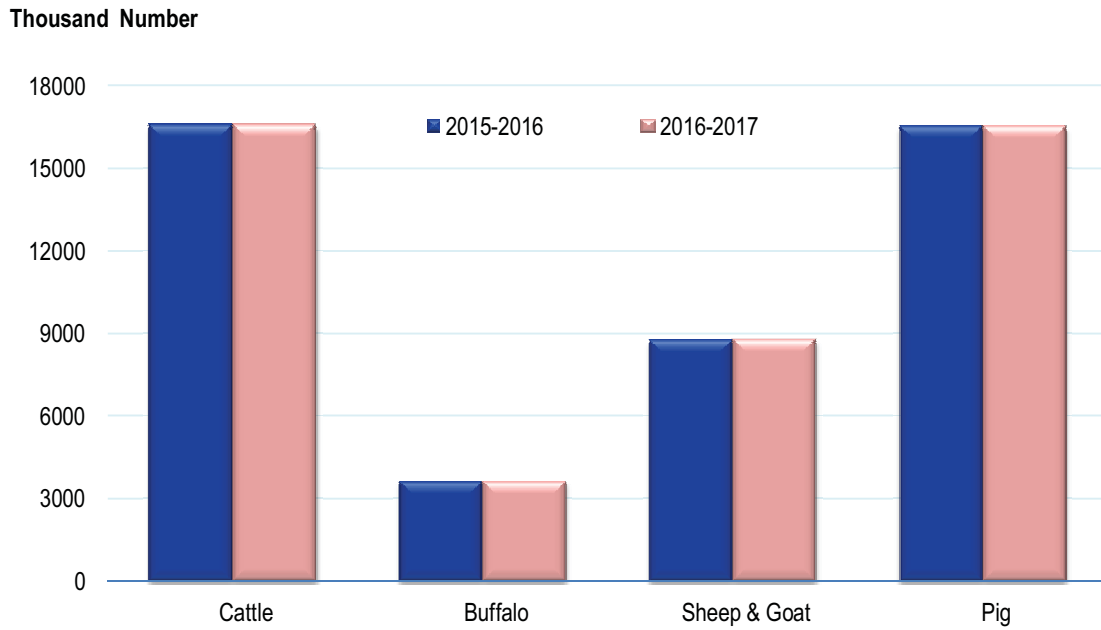
Source: Department of Agricultural Land Management and Statistics

FIGURE 9.2 SOWN ACREAGE AND PRODUCTION OF PADDY



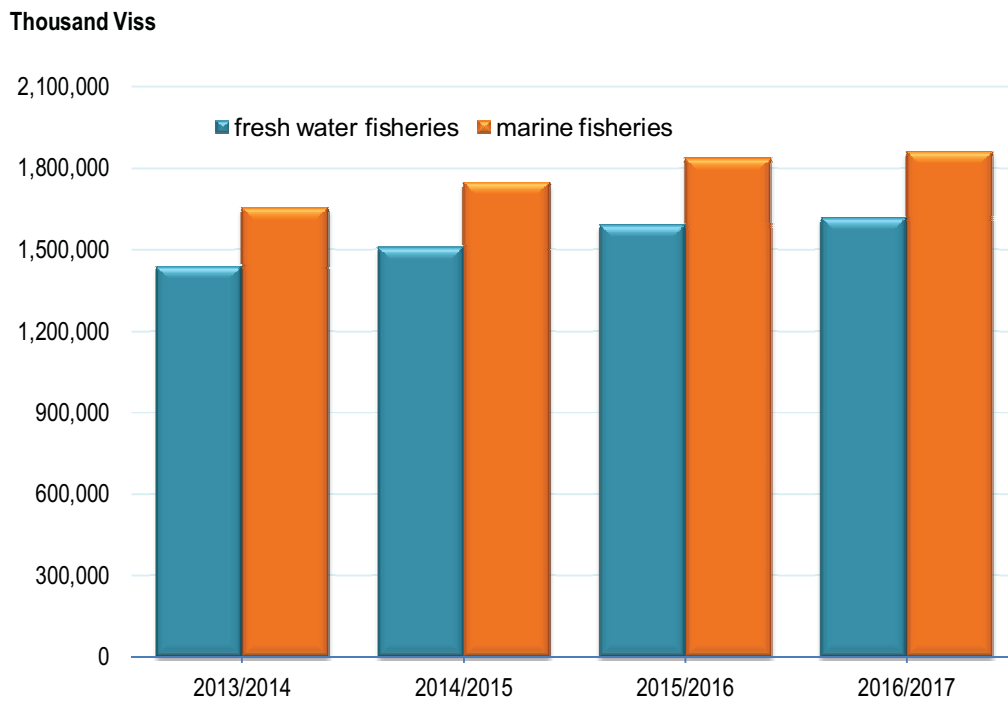
Source: Department of Agricultural Land Management and Statistics

FIGURE 9.3 LIVESTOCK BREEDING (Thousand Number)



Sources: Ministry of Agriculture, Livestock and Irrigation, Ministry of Defence

FIGURE 9.4 FISHERY PRODUCTION (Thousand Viss)



Source: Department of Fisheries

AGRICULTURE

METHODOLOGY SHEET | Utilization of Land Areas

Responsible Unit (Service or Structure)	Department of Agricultural Land Management and Statistics
Level of Disaggregation	Union
Study Variables	Land utilization , net area sown, not harvested and harvested, area not available for cultivation, area sown
Classification Variables	Type of Land, Net and Gross Areas, Type of Planting Classification
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Entire Land Area
Tables	9.01, 9.02, 9.03, 9.04, 9.05

TABLE 9.01 AREA CLASSIFIED BY TYPE OF LAND

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Year	Reserved Forests	Current Fallows	Net Area Sown	Occupied Area	Cultivable Waste Other Than Fallows	Other Wood Land	Others	Total Area
2005-2006	38,813	910	26,989	27,899	15,516	44,055	40,903	167,186
2010-2011	44,271	569	29,703	30,272	13,333	38,621	40,689	167,186
2012-2013	45,232	1,086	29,258	30,344	13,246	37,577	40,787	167,186
2013-2014	45,950	1,129	29,328	30,457	13,058	36,675	41,046	167,186
2014-2015	45,896	1,094	29,617	30,711	13,014	36,409	41,156	167,186
2015-2016	45,848	1,111	29,671	30,782	12,964	36,427	41,165	167,186
2016-2017	46,100	1,165	29,746	30,911	12,946	36,107	41,122	167,186

Note: Net area sown is exclusive of squatter.

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.02 LAND UTILIZATION OF NET AREA SOWN

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Year	Paddy	Ya	Kaing	Garden	Dhani	Taungya	Net Area Sown
2005 - 2006	15329	9063	1347	2814	116	830	29499
2010 - 2011	15997	10476	1403	4944	123	1028	33971
2012 - 2013	15599	10191	1361	4795	122	794	32862
2013 - 2014	15548	10177	1351	4857	121	714	32768
2014 - 2015	15629	10227	1350	5009	121	678	33014
2015 - 2016	15658	10242	1343	4995	121	657	33016
2016 - 2017	15625	10305	1355	5039	117	608	33049

Note: Net area sown is inclusive of squatter. Source: Department of Agricultural Land Management and Statistics.

TABLE 9.03 AREA SOWN, NOT HARVESTED AND HARVESTED

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Years	Net Area Sown	Area Sown More Than Once	Gross Area Sown	Gross Area not harvested	Gross Area Harvested
2005-2006	29,499	16,843	46,342	2,014	44,328
2010-2011	33,971	24,263	58,234	7,308	50,926
2012-2013	32,862	19,144	52,006	7,518	44,488
2013-2014	32,768	20,038	52,800	7,829	44,971
2014-2015	33,014	19,792	52,806	7,744	45,062
2015-2016	33,016	19,673	52,689	7,466	45,223
2016-2017	33,049	18,499	51,548	6,623	44,925

Note: Net area sown is inclusive of squatter. Source: Department of Agricultural Land Management and Statistics.

TABLE 9.04 AREA NOT AVAILABLE FOR CULTIVATION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Year	Grazing Grounds & Cattle Paths	Cannals, Reservoirs Tanks and Embankment	Residential Area and Town	Village Land	Road	Railway Land	Others	Total
2005 - 2006	760	598	441	998	632	53	37,421	40,903
2010 - 2011	761	622	477	1,006	648	64	37,111	40,689
2012 - 2013	756	624	481	1,034	652	66	37,174	40,787
2013 - 2014	757	632	481	1,185	668	67	37,256	41,046
2014 - 2015	756	638	490	1,216	673	67	37,316	41,156
2015 - 2016	746	640	495	1,234	674	67	37,307	41,163
2016 - 2017	739	642	497	1,236	675	67	37,266	41,122

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.05 AREA SOWN BY TYPE OF PLANTING CLASSIFICATION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Year	Double Cropped Area					Area Sown More Than Twice	Net Area Sown	Mixed Cropped Area	Gross Area Sown	Total Harvested Area
	Re-planted Area	Pre-monsoon/ Mid-monsoon	Mid-monsoon/ Winter	Pre-monsoon/ Winter	Total Cropped Area					
2005 - 2006	1	1,489	4,563	5,796	11,849	310	29,499	4,684	46,342	44,328
2010 - 2011	1	1,713	6,485	6,124	14,323	414	33,971	9,527	58,234	50,926
2012 - 2013	17	1,620	5,815	4,947	12,399	282	32,862	6,461	52,006	44,488
2013 - 2014	2	1,642	6,021	5,559	13,224	395	32,768	6,410	52,800	44,971
2014 - 2015	*	1,757	6,341	5,067	13,165	302	33,014	6,325	52,806	45,062
2015 - 2016	12	1,832	6,232	5,340	13,416	335	33,016	5,918	52,689	45,223
2016 - 2017	12	1,551	6,365	5,204	13,132	344	33,049	5,022	51,548	44,925

Note: Net area sown is inclusive of squatter. Source: Department of Agricultural Land Management and Statistics.

*Less than one unit

METHODOLOGY SHEET | Flood Protection and Irrigation

Responsible Unit (Service or Structure)	Department of Agricultural Land Management and Statistics, Department of Irrigation and Management of Water Utilization
Level of Disaggregation	Union
Study Variables	Irrigable and Flood Protection Areas, Protection Areas for Weir, Areas of selected Crops under Weir, Type of Irrigation, Areas of Crops under Irrigation
Classification Variables	Weir, Tank, Embankments, Drainage work, Government and Private for Weir, Crops under Irrigation, Crops under Weir, Government and Private Irrigation
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Water Resources
Tables	9.06, 9.07, 9.08, 9.09, 9.10

TABLE 9.06 IRRIGABLE AND FLOOD PROTECTION AREAS

Years 2005/2006, 2010/2011, 2012/2013- 2016/2017, absolute values in thousand acres

Year	Irrigable Area						Flood Protection					
	Weir		Tank		Total		Embankments		Drainage Work		Total	
	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
2005 - 2006	154	1,411	198	1,557	352	2,968	208	2,904	190	739	398	3,643
2010 - 2011	170	1,507	242	1,950	412	3,457	215	2,809	209	858	424	3,667
2012 - 2013	169	1,375	247	1,874	416	3,249	228	2,804	214	860	442	3,664
2013 - 2014	171	1,388	256	1,914	427	3,302	223	2,804	236	902	459	3,706
2014 - 2015	192	1,433	261	1,862	453	3,295	231	2,804	239	894	470	3,698
2015 - 2016	212	1,351	269	1,649	481	3,000	225	2,804	235	892	460	3,696
2016 - 2017	143	1,390	256	1,591	399	2,981	229	2,815	237	878	466	3,694

Source: Department of Irrigation and Management of Water Utilization.

TABLE 9.07 PROTECTION AREA FOR WEIR

Years 2009/2010 - 2016/2017, absolute values in thousand acres

Year	Total		Government		Private	
	Protect Area	Net Area Sown	Protect Area	Net Area Sown	Protect Area	Net Area Sown
2009-2010	3,117	2,587	2,712	2,236	405	351
2010-2011	3,117	2,586	2,712	2,235	405	351
2011-2012	3,112	2,577	2,706	2,236	406	341
2012-2013	3,111	2,582	2,707	2,243	404	339
2013-2014	3,110	2,570	2,707	2,241	403	329
2014-2015	3,110	2,571	2,707	2,242	403	329
2015-2016	3,111	2,596	2,706	2,238	405	331
2016-2017	3,118	2,573	2,706	2,238	412	335

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.08 AREA OF SELECTED CROPS UNDER WEIR

Years 2009/2010 - 2016/2017, absolute values in thousand acres

Year	Total	Paddy	Wheat	Maize	Ground-nut	Sesamum	Pulses	Sugarcane	Other food Crops	Cotton	Jute	Other non-food Crops
2009-2010	4233	2573	15	33	36	21	1088	1	402	-	2	62
2010-2011	4240	2572	16	35	35	22	1090	1	405	-	3	61
2011-2012	4036	2540	16	28	27	20	1074	1	269	-	4	57
2012-2013	3946	2567	12	29	29	23	1049	1	182	-	1	53
2013-2014	3929	2560	13	31	28	22	1052	1	168	-	*	54
2014-2015	3937	2564	13	30	29	23	1065	1	158	-	*	54
2015-2016	3934	2557	9	31	28	19	1087	1	147	-	*	55
2016-2017	3940	2563	9	31	27	18	1098	1	139	-	*	54

Note: *Less than one unit

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.09 AREA BY TYPE OF NET IRRIGATION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres and percent composition

Year	Total		Government Irrigation				Private Irrigation				Wells		Other Sources	
	Irrigated area		Canals		Tanks		Canals		Tanks		Acreage	%	Acreage	%
	Acreage	%	Acreage	%	Acreage	%	Acreage	%	Acreage	%				
2005-2006	5,278	100.0	1070.0	20.3	701.0	13.3	643.0	12.2	75.0	1.4	243.0	4.6	2545.0	48.2
2010-2011	5,663	100.0	978.0	17.3	580.0	10.2	634.0	11.2	101.0	1.8	380.0	6.7	2990.0	52.8
2012-2013	5,226	100.0	999.0	19.1	520.0	10.0	606.0	11.6	66.0	1.3	366.0	7.0	2669.0	51.0
2013-2014	5,271	100.0	997.0	18.9	526.0	10.0	610.0	11.6	69.0	1.3	373.0	7.1	2696.0	51.1
2014-2015	5,363	100.0	928.0	17.3	575.0	10.7	599.0	11.2	64.0	1.2	383.0	7.1	2813.0	52.5
2015-2016	5,280	100.0	921.8	17.5	496.0	9.4	609.0	11.5	57.3	1.1	370.6	7.0	2825.3	54.5
2016-2017	5,314	100.0	934.2	17.6	510.7	9.6	596.0	11.2	56.0	1.1	377.3	7.1	2839.8	53.4

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.10 AREA OF CROPS UNDER IRRIGATION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand acres

Year	Total Irrigated Area	Paddy	Wheat	Maize	Ground-nut	Sesamum	Pulses	Sugarcane	Other Food Crops	Cotton	Jute	Other non-food Crops
2005 - 2006	7108.19	5188.05	130.68	92.28	58.04	188.24	381.26	25.30	901.38	31.08	44.76	67.12
2010 - 2011	7249.47	5402.30	88.02	115.33	72.06	178.61	274.03	26.68	1002.82	20.37	6.12	63.13
2012-2013	6419.25	4618.81	91.77	126.98	72.53	156.73	255.56	30.89	1001.55	18.14	0.57	45.72
2013-2014	6695.86	4805.28	94.44	144.59	79.79	209.92	281.36	27.71	1004.57	7.81	*	40.39
2014-2015	6626.09	4632.88	92.78	140.91	77.98	281.61	287.51	29.31	1017.83	23.36	*	41.92
2015-2016	6651.84	4640.51	90.10	140.74	86.45	285.66	330.55	28.27	1007.80	4.82	*	36.88
2016-2017	6705.10	4636.13	78.37	146.00	88.58	335.49	336.50	27.63	1016.54	3.87	*	35.99

Note: * Less than one unit

Source: Department of Agricultural Land Management and Statistics.

 METHODOLOGY SHEET | **Production of crops**

Responsible Unit (Service or Structure)	Department of Agricultural Land Management and Statistics
Level of Disaggregation	Union, States and Regions
Study Variables	Cereals, Oilseeds, Pulses, Spices and Condiments, Tobacco and Betel, Beverages, Vegetables and Fruits, Fibre, Miscellaneous
Classification Variables	Types of crops, Sown, Harvested, Production, Yield
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Seasonally
Units	Crops
Tables	9.11, 9.12, 9.13, 9.14, 9.15

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
CEREALS									
Paddy	Sown	Acre	18259	19885	17893	17999	17722	17821	17695
	Harvested	Acre	18246	19796	17270	17181	16975	16728	16615
	Production	Ton	27245.8	32065.1	26216.6	26372.1	26423.3	26210.3	25672.8
Wheat	Sown	Acre	277	251	246	250	244	238	214
	Harvested	Acre	277	251	246	250	244	238	214
	Production	Ton	156.2	181.0	177.6	182.9	182.4	179.3	160.6
Maize (a)	Sown	Acre	793	962	1042	1089	1134	1166	1211
	Harvested	Acre	789	961	1035	1087	1132	1161	1206
	Production	Ton	903.5	1354.4	1501.6	1600.6	1693.4	1748.5	1830.6
Millet	Sown	Acre	626	546	539	558	582	589	588
	Harvested	Acre	626	545	539	558	582	589	588
	Production	Ton	208.7	212.6	210.5	225.1	238.8	240.3	243.4
OILSEEDS									
Groundnut (Rain)	Sown	Acre	798	951	1059	1102	1136	1144	1241
	Harvested	Acre	797	950	1059	1102	1136	1138	1240
	Production	Ton	379.3	529.3	584.9	611.6	635.7	643.1	698.6
Groundnut (Winter)	Sown	Acre	1007	1217	1193	1198	1210	1215	1204
	Harvested	Acre	1007	1217	1193	1198	1210	1209	1204
	Production	Ton	643.6	840.8	843.5	853.0	865.9	874.8	873.8
Sesamum (Early)	Sown	Acre	2474	2875	2791	2894	2703	2869	2847
	Harvested	Acre	2286	2875	2790	2858	2683	2821	2822
	Production	Ton	285.4	528.5	521.7	539.8	519.4	543.3	539.4
Sesamum (Late)	Sown	Acre	648	881	898	909	917	911	873
	Harvested	Acre	648	879	897	909	917	911	872
	Production	Ton	153.1	258.9	272.9	277.3	282.2	284.1	273.5
Mustard	Sown	Acre	174	251	155	151	146	146	140
	Harvested	Acre	174	251	155	151	145	145	140
	Production	Ton	50.5	87.1	51.1	50.5	48.5	48.6	48.4

Note: (a) Only for seeds

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PULSES									
Matpe (Black gram)	Sown	Acre	2014	2607	2737	2723	2712	2800	2913
	Harvested	Acre	2014	2607	2737	2723	2712	2800	2912
	Production	Ton	1004.9	1578.3	1058.3	1076.1	1079.9	1142.0	1164.1
Pedisein (Green gram)	Sown	Acre	2345	2771	2686	2775	2899	2990	3017
	Harvested	Acre	2342	2770	2683	2775	2897	2987	3005
	Production	Ton	930.0	1338.1	947.9	992.3	1049.6	1090.0	1086.9
Butter bean	Sown	Acre	142	163	158	155	158	166	138
	Harvested	Acre	142	163	158	155	158	166	138
	Production	Ton	62.0	82.8	80.8	82.7	84.6	90.2	80.0
Bocate (Cow pea)	Sown	Acre	394	447	328	332	330	334	326
	Harvested	Acre	394	447	328	332	330	334	326
	Production	Ton	153.9	214.7	155.6	115.1	115.2	117.4	113.2
Sultani	Sown	Acre	28	32	34	37	32	36	354
	Harvested	Acre	28	32	34	37	32	36	354
	Production	Ton	11.6	15.5	16.8	19.0	17.3	19.0	18.6
Sultapya	Sown	Acre	207	242	268	276	272	274	254
	Harvested	Acre	207	242	268	276	272	274	254
	Production	Ton	90.0	115.9	131.5	134.1	133.2	135.1	125.7
Pelun	Sown	Acre	370	387	357	360	358	362	345
	Harvested	Acre	370	387	357	360	358	362	345
	Production	Ton	148.7	191.0	125.6	127.9	128.3	131.1	123.7
Pesingon (Pigeon pea)	Sown	Acre	1319	1565	1514	1578	1529	1601	1652
	Harvested	Acre	1319	1564	1514	1578	1529	1598	1652
	Production	Ton	599.6	824.2	549.0	578.8	575.1	602.3	627.6
Peyin (Rice bean)	Sown	Acre	95	128	129	127	127	128	126
	Harvested	Acre	94	127	129	127	126	128	126
	Production	Ton	33.4	53.5	39.3	39.3	39.3	40.4	39.8

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PULSES									
Pebyugale	Sown	Acre	24	28	30	31	31	32	31
(Duffin bean)	Harvested	Acre	24	28	30	31	31	32	31
	Production	Ton	7.7	10.9	12.6	13.3	13.2	14	13.5
Peyyi	Sown	Acre	245	285	290	296	302	306	290
(Lablab bean)	Harvested	Acre	245	285	290	296	302	306	290
	Production	Ton	90.6	132.3	145.1	149.3	152.7	157	150
Pegya	Sown	Acre	39	42	36	37	36	32	31
(Lima bean)	Harvested	Acre	39	42	36	37	36	32	31
	Production	Ton	12.0	15.9	14.8	15.7	14.9	13.1	13.4
Sadawpe	Sown	Acre	110	136	131	134	134	135	127
(Garden pea)	Harvested	Acre	110	136	131	134	132	135	126
	Production	Ton	45.3	67.2	46.3	48.6	48.7	50.2	47.2
Peyazar	Sown	Acre	5	4	4	4	4	4	4
(Lentil bean)	Harvested	Acre	5	4	4	4	4	4	4
	Production	Ton	1.2	1.4	1.0	0.9	1.0	1.1	1.0
Penauk	Sown	Acre	387	365	332	338	345	341	320
(Krishna mung)	Harvested	Acre	387	365	332	338	345	341	320
	Production	Ton	105.9	130.7	87.1	91.9	95.9	96.3	89.9
Gram	Sown	Acre	553	819	894	949	934	920	899
(Chick pea)	Harvested	Acre	553	819	894	949	934	920	899
	Production	Ton	260.3	459.4	517.1	562.2	570.7	571.5	559.4
Peboke	Sown	Acre	385	418	389	383	374	367	354
(Soy bean)	Harvested	Acre	385	418	389	383	373	367	354
	Production	Ton	185.9	254.5	162.6	160.6	156.5	154.3	149.1

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
SPICES AND CONDIMENTS									
Chillies	Sown	Acre	323	315	280	271	275	272	274
	Harvested	Acre	321	315	280	271	275	272	272
	Production	Ton	108.7	127.5	117.5	115.5	121.4	126.8	129.3
Onion	Sown	Acre	179	179	178	190	193	189	173
	Harvested	Acre	179	179	178	190	193	189	173
	Production	Ton	998.6	1113.5	1142.4	1204.9	1244.9	1244.5	1123.1
Garlic	Sown	Acre	60	72	71	72	70	70	71
	Harvested	Acre	60	72	71	72	70	70	71
	Production	Ton	146.2	206	208.8	212	208.9	209.1	212.9
TOBACCO AND BETEL									
Tobacco (Virginia)	Sown	Acre	10	7	7	7	7	6	5
	Harvested	Acre	10	7	7	7	7	6	5
	Production	Ton	7.7	3.5	4	3.8	3.6	3.5	3.1
Tobacco (Myanmar)	Sown	Acre	54	35	34	32	33	33	32
	Harvested	Acre	54	35	34	32	33	33	32
	Production	Ton	37.8	24.6	25.3	23.3	25	25.1	24.3
Betel nut	Sown	Acre	158	195	216	220	231	237	242
	Harvested	Acre	113	141	159	162	171	174	179
	Production	Ton	84.7	147.9	166.2	169.5	176.2	197.2	198.4
Betel leaves	Sown	Acre	19	28	32	33	34	34	34
	Harvested	Acre	19	28	32	33	34	33	34
	Production	Ton	148.0	220.8	264.3	270.8	269.2	277.2	276.4

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
BEVERAGES									
Tea	Sown	Acre	204	234	224	231	236	237	238
	Harvested	Acre	183	196	198	202	207	209	213
	Production	Ton	79	94.5	94.6	96.3	98.6	99.7	102.4
Coffee	Sown	Acre	44	61	50	50	49	49	49
	Harvested	Acre	18	27	29	29	29	29	30
	Production	Ton	4	7.3	8	8.1	8.4	8.3	8.5
Sugarcane (b)	Sown	Acre	330	374	381	419	447	400	405
	Harvested	Acre	319	371	380	418	441	400	404
	Production	Ton	7073	9249.5	9413.1	10307.4	11128.4	10142.4	10437.1
Toddy Palm (c)	Sown	Acre	67	68	70	69	70	70	70
	Harvested	Acre	67	68	68	68	70	66	68
	Production	Ton	377.5	415	391.3	406.7	403.2	380.9	361.9
VEGETABLES AND FRUITS									
Potato	Sown	Acre	86	96	91	90	91	91	90
	Harvested	Acre	86	96	91	90	90	91	90
	Production	Ton	470.7	563.6	551.1	540.1	542.3	560.3	554.3
Plantain	Sown	Acre	160	187	202	205	212	215	225
	Harvested	Acre	152	185	180	182	187	198	202
	Production	Bunch	135596	190163	190619	197057	208127	221614	230017
Vegetables	Sown	Acre	1094	1339	1337	1366	1396	1403	1412
	Harvested	Acre	1094	1339	1337	1365	1394	1399	1411
Fruits	Sown	Acre	1183	1366	1454	1466	1475	1488	1498
	Harvested	Acre	936	1111	1133	1145	1162	1183	1184

Note: (b) Only for sugar production

(c) Only for jaggery production

TABLE 9.11 SOWN ACREAGE, HARVESTED ACREAGE AND PRODUCTION OF SELECTED CROPS (concl'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Classification	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
FIBRE									
Cotton	Sown	Acre	97	92	86	92	92	91	89
(Wagyi)	Harvested	Acre	97	92	86	92	92	91	89
	Production	Ton	15.3	15.8	14.9	16.3	16.6	16.5	17.1
Cotton	Sown	Acre	98	111	77	80	74	73	54
(Mahlaing5/6)	Harvested	Acre	98	111	77	80	74	73	54
	Production	Ton	14.3	20.7	14.8	15.4	13.9	14.1	10.2
Cotton	Sown	Acre	625	664	524	568	586	556	499
(Long staple)	Harvested	Acre	621	660	524	567	586	556	499
	Production	Ton	202.3	504.6	429.7	469.4	493.6	482.3	438
Jute	Sown	Acre	56	8	1	*	*	*	*
	Harvested	Acre	41	5	1	*	*	*	*
	Production	Ton	14.6	1.8	*	*	*	*	*
Kenaf	Sown	Acre	35	30	4	2	4	3	3
	Harvested	Acre	35	28	4	2	4	3	3
	Production	Ton	14.5	12	1.3	1.1	1.4	1	1
MISCELLANEOUS									
Rubber	Sown	Acre	558	1246	1436	1507	1584	1607	1616
	Harvested	Acre	267	461	528	573	639	694	724
	Production	Ton	63.2	126.2	161.8	174.1	194.9	208.7	221.7
Coconut	Sown	Acre	126	132	142	141	141	141	141
	Harvested	Acre	120	103	119	119	120	119	120
	Production	No	455177	430855	490717	510412	509177	508666	490276
Plants	Sown	Acre	10	12.1	13.2	13.3	13.3	12.1	12.2
(Medicinal)	Harvested	Acre	9	10.8	11.8	11.6	10.3	9.1	9.1
Fodder	Sown	Acre	1146	1214	1254	1259	1309	1339	1336
	Harvested	Acre	1146	1214	1254	1259	1309	1335	1335
	Production	Bundle	1663618	2069114	2224012	2289526	2372781	2433818	2413658
Thanatphet	Sown	Acre	55	55	54	54	54	53	53
	Harvested	Acre	55	55	54	54	53	53	53
	Production	Ton	32.9	33.3	33	33.1	32	32	31.9
Dhani	Sown	Acre	139	143	143	143	143	142	142
	Harvested	Acre	130	132	133	134	135	134	135
	Production	Byits	793614	793003	801275	817191	821227	827767	800202

Note: *Less than one unit

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Cereals			Oilseeds			
		Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
UNION TOTAL	2009-2010	19932702	255591	896501	937221	1203874	2947832	920368
	2010-2011	19884840	250748	962295	950729	1216675	2875277	880606
	2011-2012	18761712	235779	1017271	1013302	1178714	2928835	858280
	2012-2013	17893424	245809	1042395	1059368	1193024	2790979	897975
	2013-2014	17998696	249945	1088515	1101510	1198203	2894261	909391
	2014-2015	17722355	243603	1134308	1136499	1209688	2703308	917368
	2015-2016	17820586	237978	1166140	1143598	1215361	2868624	911173
	2016-2017	17695525	213865	1211216	1240679	1204360	2846574	872468
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-
	2011-2012	185147	-	16726	20958	25895	37614	21391
	2012-2013	174661	-	16088	19912	25016	38982	26087
	2013-2014	182973	-	18508	23121	25622	42378	27506
	2014-2015	179095	-	17513	22897	25656	40310	27794
	2015-2016	177071	-	17506	22784	24943	45055	29239
	2016-2017	185109	-	18376	22299	25555	44468	28645
Kachin State	2009-2010	675703	69	27990	6789	58996	6044	19149
	2010-2011	660093	232	33304	4525	58760	5074	19717
	2011-2012	544973	152	52023	5157	43670	5093	16988
	2012-2013	448349	74	46852	3264	32370	4010	16169
	2013-2014	443081	73	47781	2569	29237	3703	15393
	2014-2015	446683	73	49552	2456	28137	3878	15284
	2015-2016	449678	73	52045	1996	28423	3446	15641
	2016-2017	448189	73	56535	1892	28080	3437	15313
Kayah State	2009-2010	112109	15	20723	13710	2465	14995	1700
	2010-2011	112332	15	20747	13865	2667	16153	1758
	2011-2012	106495	15	20555	13980	2595	18211	929
	2012-2013	104280	15	20618	14147	2620	18131	1071
	2013-2014	103085	7	20727	14248	2590	18234	1136
	2014-2015	99110	13	32198	15087	2261	19031	1504
	2015-2016	94282	-	36725	12552	1975	18989	1041
	2016-2017	95180	-	52766	11819	2162	22644	1127

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Cereals			Oilseeds			
		Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Kayin State	2009-2010	670967	3	37664	5998	26329	2844	32444
	2010-2011	679169	-	38895	6129	26562	3140	33341
	2011-2012	652343	-	38960	5821	27700	3310	33667
	2012-2013	647658	-	43777	6062	29590	3428	35176
	2013-2014	649151	-	51385	6095	30161	3469	35999
	2014-2015	646395	-	51239	5914	30604	3473	38451
	2015-2016	644399	-	51782	5845	30749	3519	39087
2016-2017	582364	-	51689	5501	31038	3462	39040	
Chin State	2009-2010	138569	216	91628	1828	2372	7515	22
	2010-2011	138940	205	91719	1737	2431	7604	25
	2011-2012	107723	80	70188	1185	2542	6551	12
	2012-2013	107463	65	69493	1239	2677	6922	25
	2013-2014	101179	154	63618	1398	2996	6567	30
	2014-2015	93377	131	58123	1326	3032	6511	45
	2015-2016	89125	684	54881	1115	3018	5708	45
2016-2017	82852	677	46842	1080	2922	5531	62	
Sagaing Region	2009-2010	2275338	185398	192848	236123	422033	491866	485312
	2010-2011	2292460	178618	196673	253290	423957	447612	452294
	2011-2012	2181055	171140	201532	258297	445581	455532	492901
	2012-2013	1832265	183329	198212	263599	476405	422710	537948
	2013-2014	2093005	184221	203378	273705	467359	443439	538813
	2014-2015	1922669	181515	208160	275209	477353	454254	536617
	2015-2016	2126415	176953	210875	276355	485688	501759	534503
2016-2017	2130224	163355	198424	285539	498431	478213	523708	
Tanintharyi Region	2009-2010	401537	-	222	20	50	1151	662
	2010-2011	371751	-	210	24	45	1175	480
	2011-2012	357167	-	259	27	25	1129	434
	2012-2013	306770	-	229	29	32	778	383
	2013-2014	270540	-	220	7	30	729	387
	2014-2015	263492	-	220	-	23	692	196
	2015-2016	262577	-	220	13	-	677	273
2016-2017	254780	-	220	-	-	637	268	

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Cereals			Oilseeds			
		Paddy	Wheat	Maize	Groun- dnut (Rain)	Groun- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Bago Region	2009-2010	3516701	-	1902	49696	137334	129990	56546
	2010-2011	3434396	-	1907	50291	139838	130633	56901
	2011-2012	3054515	-	2047	53601	130952	131415	45401
	2012-2013	3026596	-	5747	59347	134745	118400	48642
	2013-2014	3027678	-	10934	59681	136742	121592	48877
	2014-2015	3026249	-	6878	61256	136652	121652	49458
	2015-2016	2980201	-	8565	61182	135291	124528	50790
	2016-2017	2960455	-	8796	65096	126098	123971	46819
Magway Region	2009-2010	1021614	1392	90141	256305	134081	1213301	121873
	2010-2011	1053510	1511	91380	259969	136287	1216409	113478
	2011-2012	1055473	1515	95800	286633	148730	1226897	113668
	2012-2013	947428	1552	93545	307366	149291	1226930	114442
	2013-2014	926998	1569	95200	315995	152141	1238602	115459
	2014-2015	869626	1573	94950	328102	155001	1222402	115896
	2015-2016	861449	1656	94804	348809	156438	1222457	114970
	2016-2017	748299	787	88874	388880	157208	1205203	108748
Mandalay Region	2009-2010	922297	27853	48125	223225	149098	1029482	151571
	2010-2011	964579	28144	47661	219766	151019	998438	150069
	2011-2012	788977	22965	29026	230761	111573	995847	93825
	2012-2013	704296	21395	30040	247186	110719	904719	83369
	2013-2014	677075	21649	30497	269390	118050	970118	93205
	2014-2015	606509	20853	32987	292966	120862	788340	99397
	2015-2016	543031	19890	31751	282265	117932	899072	93311
	2016-2017	643999	11396	34966	329702	112579	915301	78731
Mon State	2009-2010	1016750	-	-	5017	26216	3170	13251
	2010-2011	1007164	-	-	5049	26317	3196	13378
	2011-2012	910759	-	-	2745	22158	1979	6516
	2012-2013	813099	-	-	2508	21764	1644	5299
	2013-2014	716993	-	-	2354	22241	1471	3036
	2014-2015	720276	-	-	1741	21741	946	2772
	2015-2016	720265	-	-	1514	22563	924	2886
	2016-2017	734365	-	-	1375	21705	718	1700

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Cereals			Oilseeds			
		Paddy	Wheat	Maize	Grou- dnut (Rain)	Grou- dnut (Winter)	Sesa- mum (Early)	Sesa- mum (Late)
Rakhine State	2009-2010	1237476	3	140	2545	95247	3828	1036
	2010-2011	1237495	-	163	2573	97839	3894	1056
	2011-2012	1143019	-	86	2261	88437	3897	802
	2012-2013	1133038	-	39	2122	85558	3751	311
	2013-2014	1128732	-	39	2092	86662	3702	334
	2014-2015	1123597	-	38	1944	83867	3794	300
	2015-2016	1116660	-	571	1963	85552	3818	342
	2016-2017	1113159	-	50	1987	84171	3807	325
Yangon Region	2009-2010	1395278	-	109	64	11397	-	4859
	2010-2011	1393260	-	100	62	10610	-	4849
	2011-2012	1383302	-	123	65	8163	-	4442
	2012-2013	1385052	-	131	68	7959	-	4261
	2013-2014	1386667	-	157	76	8165	-	4322
	2014-2015	1387108	-	164	78	7823	-	4366
	2015-2016	1384341	-	174	78	7445	-	4371
	2016-2017	1359525	-	155	75	4947	-	3838
Shan State	2009-2010	1548332	38571	371080	117260	25801	39856	6819
	2010-2011	1541807	39947	425128	114412	27601	38078	7916
	2011-2012	1512605	38599	474429	113140	24349	37394	4386
	2012-2013	1424985	38196	496168	113493	23769	36985	4566
	2013-2014	1390667	41089	523524	111774	22909	36711	4874
	2014-2015	1358023	38314	557661	108228	22576	34495	5222
	2015-2016	1344234	38722	581828	107867	23070	33759	5220
	2016-2017	1319826	37577	632414	106225	22737	33662	5287
Ayeyarwady Region	2009-2010	5000031	2071	13929	18641	112455	3790	25124
	2010-2011	4997884	2076	14408	19037	112742	3871	25344
	2011-2012	4778159	1313	15517	18671	96344	3966	22918
	2012-2013	4837484	1183	21456	19026	90509	3589	20226
	2013-2014	4900872	1183	22547	19005	93298	3546	20020
	2014-2015	4980146	1131	24625	19295	94100	3530	20066
	2015-2016	5026831	-	24413	19260	92274	4913	19454
	2016-2017	5037199	-	21109	19209	86727	5520	18857

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses							
		Matpe (Black-gram)	Pedisein (Green-gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peygi (Lablab bean)
UNION TOTAL	2009-2010	2528345	2660191	448088	30848	228472	122610	27344	282296
	2010-2011	2606642	2770519	446854	32080	241824	127842	27536	285157
	2011-2012	2693906	2712682	364444	30641	241717	127193	29016	270023
	2012-2013	2737213	2685521	327619	33991	267879	128980	29699	289540
	2013-2014	2723257	2775121	331942	37288	275859	126953	31297	296747
	2014-2015	2712047	2899154	329677	32118	271856	127000	30931	302228
	2015-2016	2800342	2990122	333554	35644	274346	128168	32138	305683
	2016-2017	2913335	3017052	325561	35439	253728	126498	30836	289848
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-	-
	2011-2012	67778	67402	-	510	-	-	-	11221
	2012-2013	76232	63650	-	561	-	-	-	12364
	2013-2014	71233	71056	-	612	-	-	-	13613
	2014-2015	78035	70036	-	619	-	-	-	16338
	2015-2016	82441	71603	-	673	-	-	-	16290
	2016-2017	86355	71312	-	680	-	-	-	15958
Kachin State	2009-2010	227	2510	-	-	-	-	-	-
	2010-2011	254	2576	-	-	-	-	-	-
	2011-2012	105	2463	-	-	-	-	-	-
	2012-2013	97	1997	-	-	-	-	-	-
	2013-2014	72	1908	-	-	-	-	-	-
	2014-2015	69	2042	-	-	-	-	-	-
	2015-2016	71	2227	-	-	-	-	-	-
	2016-2017	78	2061	-	-	-	-	-	-
Kayah State	2009-2010	-	2925	480	-	-	281	-	300
	2010-2011	-	2982	500	-	-	1309	-	300
	2011-2012	3	2868	329	-	-	1256	-	300
	2012-2013	-	2798	342	-	-	1254	-	300
	2013-2014	-	2988	350	-	-	1226	-	300
	2014-2015	-	2632	270	-	-	1233	-	300
	2015-2016	-	2740	270	-	-	1079	-	300
	2016-2017	177	1894	383	-	-	1027	-	300

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses							
		Matpe (Black- gram)	Pedisein (Green- gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Pegyí (Lablab bean)
Kayin State	2009-2010	1112	50235	29211	-	-	10	7475	5338
	2010-2011	1238	50476	28505	-	-	-	7562	5506
	2011-2012	1378	51663	28940	-	-	-	7611	5520
	2012-2013	1521	56039	30450	-	-	-	7688	5203
	2013-2014	1673	62428	32875	-	-	-	7698	5307
	2014-2015	1688	64336	33437	-	-	-	7708	5307
	2015-2016	1717	64815	34002	-	-	-	7802	5356
	2016-2017	2786	65357	33596	-	-	-	7806	5360
Chin State	2009-2010	12	594	405	-	-	9539	-	420
	2010-2011	15	593	506	-	-	10343	-	520
	2011-2012	26	504	335	-	-	7148	-	525
	2012-2013	26	498	361	-	-	7978	-	539
	2013-2014	28	635	394	-	-	7189	-	633
	2014-2015	30	643	400	-	-	6889	-	646
	2015-2016	30	646	406	-	-	7416	-	604
	2016-2017	28	516	394	-	-	6538	-	593
Sagaing Region	2009-2010	159169	513468	-	3538	202640	27782	3553	49340
	2010-2011	161691	529504	-	4308	215472	31609	3410	51363
	2011-2012	163636	543423	-	4367	218202	33821	3577	51854
	2012-2013	192518	498296	-	4707	246972	33535	3602	56571
	2013-2014	190012	504398	-	8556	250711	33208	3800	60062
	2014-2015	188285	525721	-	5266	247621	33502	3828	61913
	2015-2016	190309	570416	-	7119	250874	34528	3861	62270
	2016-2017	221271	591234	-	7963	234250	34888	4074	63434
Tanintharyi Region	2009-2010	471	99	13	-	-	-	-	-
	2010-2011	301	164	5	-	-	-	-	-
	2011-2012	156	43	15	-	-	-	-	-
	2012-2013	158	42	2	-	-	-	-	-
	2013-2014	126	6	4	-	-	-	-	-
	2014-2015	109	3	-	-	-	-	-	-
	2015-2016	146	-	2	-	-	-	-	-
	2016-2017	527	-	5	-	-	-	-	-

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses							
		Matpe (Black- gram)	Pedisein (Green- gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peygi (Lablab bean)
Bago Region	2009-2010	1029982	388400	55738	5237	-	-	9425	29543
	2010-2011	1078863	401271	55363	5413	-	-	9678	29623
	2011-2012	1194959	422491	52827	4896	-	-	11254	18980
	2012-2013	1220062	509065	53946	6762	-	-	11955	20938
	2013-2014	1204018	522976	53342	6789	-	-	13113	19926
	2014-2015	1172042	565366	53123	6809	-	-	12631	18348
	2015-2016	1240950	569586	54123	6799	-	-	13591	20010
	2016-2017	1293991	559123	53816	6796	-	-	12847	15698
Magway Region	2009-2010	26041	673256	7576	6858	1372	38287	-	136785
	2010-2011	30020	689990	7687	6988	1837	38683	-	137498
	2011-2012	32257	696361	7847	6993	1849	38965	-	141998
	2012-2013	33172	736578	9360	6995	1850	39149	-	154051
	2013-2014	33182	745647	9364	7001	1858	39166	-	154389
	2014-2015	33676	764269	9400	6996	1844	39095	-	156529
	2015-2016	33846	774148	9575	6998	1847	39110	-	157818
	2016-2017	48222	778645	9567	6998	1849	39281	-	149215
Mandalay Region	2009-2010	68591	350877	708	9445	24460	31402	2759	42494
	2010-2011	74247	404017	712	9576	24515	30374	2806	42410
	2011-2012	9311	305802	812	8867	21666	30517	2989	23148
	2012-2013	9206	252004	814	10266	19057	31051	3002	23372
	2013-2014	9242	289280	811	9697	23290	30674	3011	26407
	2014-2015	9834	305792	718	7803	22391	30447	3084	26960
	2015-2016	9881	336027	720	9501	21625	30069	3100	27386
	2016-2017	11274	328713	725	8463	17629	27889	3063	24174
Mon State	2009-2010	12471	30740	19376	-	-	-	-	-
	2010-2011	12734	30837	19394	-	-	-	-	-
	2011-2012	6567	25309	8043	-	-	-	-	-
	2012-2013	4852	25016	7968	-	-	-	-	-
	2013-2014	4993	24461	8584	-	-	-	-	-
	2014-2015	5571	25189	7201	-	-	-	-	-
	2015-2016	5877	28689	7060	-	-	-	-	-
	2016-2017	5907	35370	4889	-	-	-	-	-

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses							
		Matpe (Black- gram)	Pedisein (Green- gram)	Bocatepe (Cow Pea)	Sultani	Sultapya	Peyin (Rice bean)	Pebyugale (Duffin bean)	Peygi (Lablab bean)
Rakhine State	2009-2010	61719	5979	110784	-	-	-	-	17
	2010-2011	63082	6456	111603	-	-	-	-	21
	2011-2012	42583	4925	73587	-	-	-	-	25
	2012-2013	37972	3642	62613	-	-	-	-	20
	2013-2014	38307	3714	62490	-	-	-	-	26
	2014-2015	39033	4211	60373	-	-	-	-	26
	2015-2016	37662	3952	57519	-	-	-	-	29
	2016-2017	38229	3717	56354	-	-	-	-	29
Yangon Region	2009-2010	47958	353938	2455	-	-	-	3326	-
	2010-2011	48647	359570	2173	-	-	-	3268	-
	2011-2012	49957	363635	1699	-	-	-	2762	-
	2012-2013	49989	363047	1856	-	-	-	2642	-
	2013-2014	49366	361720	1337	-	-	-	2583	-
	2014-2015	49479	370152	1649	-	-	-	2860	-
	2015-2016	50006	374091	1631	-	-	-	2962	-
	2016-2017	53790	368604	1325	-	-	-	2213	-
Shan State	2009-2010	311	2045	-	-	-	13197	806	3930
	2010-2011	286	2620	-	-	-	13404	812	4054
	2011-2012	133	3620	-	-	-	13389	823	4312
	2012-2013	134	4220	-	-	-	13907	810	4678
	2013-2014	152	4843	-	-	-	13370	822	4659
	2014-2015	133	4139	-	-	-	13701	820	4345
	2015-2016	232	4622	-	-	-	13831	822	4404
	2016-2017	148	4673	-	-	-	14840	833	4592
Ayeyarwady Region	2009-2010	1120281	285125	221342	5770	-	2112	-	14129
	2010-2011	1135264	289463	220406	5795	-	2120	-	13862
	2011-2012	1125057	222173	190010	5008	-	2097	-	12140
	2012-2013	1111274	168629	159907	4700	-	2106	-	11504
	2013-2014	1120853	179061	162391	4633	-	2120	-	11425
	2014-2015	1134063	194623	163106	4625	-	2133	-	11516
	2015-2016	1147174	186560	168246	4554	-	2135	-	11216
	2016-2017	1150552	205833	164507	4539	-	2035	-	10495

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
 Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses								
		Pegya (Lima bean)	Peyazar (Lentil bean)	Panauk (Krishna mung)	Butter Bean	Pelun	Pesingon (Pigeon pea)	Sadawpe (Garden pea)	Gram (Chick pea)	Peboke (Soy bean)
UNION TOTAL	2009-2010	41026	5546	367282	157895	384275	1522589	126368	809376	422291
	2010-2011	42206	4474	364643	163038	387416	1564991	136356	819246	417597
	2011-2012	37189	4342	336085	154315	347564	1590114	133008	822991	389173
	2012-2013	35690	3670	331758	157752	356579	1514015	130725	894254	389406
	2013-2014	36891	3787	338287	155388	359689	1578246	134146	949401	383300
	2014-2015	36016	3738	344661	157888	357924	1529283	134279	934198	373596
	2015-2016	32425	4247	341099	166339	361649	1600808	135322	920482	367198
	2016-2017	31410	3611	320113	138489	344911	1651699	126592	899194	353805
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-	-	-
	2011-2012	-	-	-	-	269	1160	-	1686	464
	2012-2013	-	-	-	-	244	1097	-	4080	393
	2013-2014	-	-	-	-	290	1123	-	4681	591
	2014-2015	-	-	-	-	283	1062	-	4206	563
	2015-2016	-	-	-	-	313	819	-	3163	572
	2016-2017	-	-	-	-	379	947	-	2071	551
Kachin State	2009-2010	-	-	258	-	102	1020	6700	51	16446
	2010-2011	-	-	283	-	102	1027	8063	10	18493
	2011-2012	-	-	248	-	147	824	7086	-	17918
	2012-2013	-	-	181	-	147	626	7178	-	16857
	2013-2014	-	-	180	-	147	491	7570	-	10819
	2014-2015	-	-	114	-	147	512	6895	-	11908
	2015-2016	-	-	133	-	147	465	6969	-	11401
	2016-2017	-	-	100	-	147	403	6289	-	11677
Kayah State	2009-2010	-	-	-	-	4281	9793	272	423	10658
	2010-2011	3447	-	-	-	4355	10099	300	500	10965
	2011-2012	3343	-	-	-	4049	9962	300	470	10893
	2012-2013	3355	-	-	-	4097	10180	300	464	10865
	2013-2014	3370	-	-	-	4080	10327	300	484	10633
	2014-2015	3535	-	-	-	3209	12137	300	487	9727
	2015-2016	3055	-	-	-	3043	13937	300	434	7649
	2016-2017	2903	-	-	-	2718	10389	300	348	5713

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
 Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses								
		Pegya (Lima bean)	Peyazar (Lentil bean)	Panauk (Krishna mung)	Butter Bean	Pelun	Pesingon (Pigeon pea)	Sadawpe (Garden pea)	Gram (Chick pea)	Peboke (Soy bean)
Kayin State	2009-2010	566	-	-	-	16171	739	-	-	8975
	2010-2011	516	-	-	-	19021	680	-	-	9092
	2011-2012	525	-	-	-	18442	727	-	-	9223
	2012-2013	526	-	-	-	20757	485	-	-	9366
	2013-2014	530	-	-	-	26849	507	-	-	9462
	2014-2015	530	-	-	-	27073	507	-	-	9706
	2015-2016	514	-	-	-	27612	510	-	-	9745
	2016-2017	534	-	-	-	27560	499	-	-	9730
Chin State	2009-2010	-	-	-	201	3627	4257	2059	-	3384
	2010-2011	-	-	-	201	3605	2900	2064	-	3326
	2011-2012	-	-	-	210	2839	4837	1163	-	1844
	2012-2013	-	-	-	212	2784	1939	1177	-	1889
	2013-2014	-	-	-	225	2667	1225	1247	-	1713
	2014-2015	-	-	-	243	2705	3807	1240	-	1368
	2015-2016	-	-	-	250	2523	842	1373	-	1316
	2016-2017	-	-	-	254	2379	683	1273	-	1174
Sagaing Region	2009-2010	7295	3913	16407	29615	53435	514150	56048	368314	35221
	2010-2011	7844	2827	16518	32392	54949	545446	61001	374446	32321
	2011-2012	7786	2745	16650	32594	54937	548206	60458	382989	33725
	2012-2013	8139	2121	16743	35011	57368	528934	59886	443633	37742
	2013-2014	7940	2147	16796	38413	57826	563102	59399	441679	41478
	2014-2015	8061	2039	16737	41291	55021	557853	60364	431670	41596
	2015-2016	8246	2589	16816	42881	55798	587307	60294	430342	40892
	2016-2017	8371	1944	16847	41626	57520	606763	59240	426914	38641
Tanintharyi Region	2009-2010	-	-	-	-	2535	95	-	-	-
	2010-2011	-	-	-	-	1486	72	-	-	-
	2011-2012	-	-	-	-	423	95	-	-	-
	2012-2013	-	-	-	-	177	109	-	-	-
	2013-2014	-	-	-	-	105	80	-	-	-
	2014-2015	-	-	-	-	120	66	-	-	-
	2015-2016	-	-	-	-	74	52	-	-	-
	2016-2017	-	-	-	-	210	57	-	-	-

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017 absolute values in acre

States and Regions	Year	Pulses								
		Pegya (Lima bean)	Peyazar (Lentil bean)	Panauk (Krishna mung)	Butter Bean	Pelun	Pesingon (Pigeon pea)	Sadawpe (Garden pea)	Gram (Chick pea)	Peboke (Soy bean)
Bago Region	2009-2010	-	-	23007	12020	60193	16809	306	25463	38434
	2010-2011	-	-	24760	12027	61259	16964	306	25901	38444
	2011-2012	-	-	19594	7254	46770	17890	318	23609	18840
	2012-2013	-	-	21146	7315	48384	17832	458	24688	19310
	2013-2014	-	-	27572	7314	49011	17889	456	24017	19888
	2014-2015	-	-	28071	7131	49344	18403	418	24822	21368
	2015-2016	-	-	28011	7134	49476	18442	418	26637	21536
	2016-2017	-	-	26836	6340	42229	18881	586	27196	18666
Magway Region	2009-2010	3772	-	204379	32965	95392	428526	29025	194258	12573
	2010-2011	3786	-	207235	33614	96400	430146	30957	184011	12586
	2011-2012	3826	-	208102	33771	96737	437017	31201	194667	12644
	2012-2013	3827	-	213316	33773	98919	437034	31203	212510	12648
	2013-2014	3830	-	214564	33788	99000	939468	33604	212534	12661
	2014-2015	3810	-	217820	33887	100357	437031	33668	224165	12646
	2015-2016	3816	-	221010	35846	100432	443713	34480	221970	12660
	2016-2017	2631	-	207361	26473	96442	444626	29200	213712	12099
Mandalay Region	2009-2010	29393	-	115490	70616	29195	471714	1478	214219	32225
	2010-2011	26613	-	108060	72164	27753	482422	1514	227709	31171
	2011-2012	21709	-	83943	70695	28090	490246	1556	213134	29001
	2012-2013	19843	-	72821	71211	26288	436227	1664	202316	27752
	2013-2014	21221	-	72059	65413	28431	464838	1806	259482	27952
	2014-2015	20080	-	75150	64769	28948	422103	1895	242248	27496
	2015-2016	16794	-	68201	69895	26988	460818	2078	231295	27743
	2016-2017	16971	-	62614	53448	24940	491224	1632	220915	27667
Mon State	2009-2010	-	-	-	1217	23151	233	-	-	4498
	2010-2011	-	-	-	1220	23163	243	-	-	4508
	2011-2012	-	-	-	491	15821	215	-	-	1610
	2012-2013	-	-	-	459	11680	87	-	-	945
	2013-2014	-	-	-	512	12364	74	-	-	913
	2014-2015	-	-	-	969	13008	-	-	-	1280
	2015-2016	-	-	-	1093	14244	-	-	-	1535
	2016-2017	-	-	-	1095	9952	-	-	-	1278

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Pulses								
		Pegya (Lima bean)	Peyazar (Lentil bean)	Panauk (Krishna mung)	Butter Bean	Pelun	Pesingon (Pigeon pea)	Sadawpe (Garden pea)	Gram (Chick pea)	Peboke (Soy bean)
Rakhine State	2009-2010	-	-	-	-	1327	3367	-	5	-
	2010-2011	-	-	-	-	1404	3502	-	5	-
	2011-2012	-	-	-	-	1307	3471	-	6	-
	2012-2013	-	-	-	-	1268	2386	-	6	-
	2013-2014	-	-	-	-	1208	1951	-	6	-
	2014-2015	-	-	-	-	1300	1402	-	6	-
	2015-2016	-	-	-	-	1407	1416	-	6	-
	2016-2017	-	-	-	-	645	1295	-	6	-
Yangon Region	2009-2010	-	-	-	-	5022	5	-	-	-
	2010-2011	-	-	-	-	3996	5	-	-	7
	2011-2012	-	-	-	-	3996	5	-	-	7
	2012-2013	-	-	-	-	3920	-	-	-	7
	2013-2014	-	-	-	-	4002	-	-	-	5
	2014-2015	-	-	-	-	3912	-	-	-	5
	2015-2016	-	-	-	-	3855	-	-	-	8
	2016-2017	-	-	-	-	3410	-	-	-	12
Shan State	2009-2010	-	1633	169	570	2772	67590	24826	1765	217163
	2010-2011	-	1647	173	571	2691	67202	26010	1767	216512
	2011-2012	-	1597	177	240	2573	70710	25179	1763	212744
	2012-2013	-	1549	177	215	2453	72559	23153	1675	211130
	2013-2014	-	1640	183	220	2471	72804	24035	1601	206443
	2014-2015	-	1699	183	230	2577	69977	23558	1641	195149
	2015-2016	-	1658	183	220	2555	68120	23626	1625	192090
	2016-2017	-	1667	183	230	3164	71628	23045	1547	189326
Ayeyarwady Region	2009-2010	-	-	7572	10691	87072	4291	5654	4878	42714
	2010-2011	-	-	7614	10849	86509	4284	6141	4897	40179
	2011-2012	-	-	7371	9060	71164	4749	5747	4667	40260
	2012-2013	-	-	7374	9556	78093	4520	5706	4882	40502
	2013-2014	-	-	6933	9503	71238	4367	5729	4917	40742
	2014-2015	-	-	6586	9368	69920	4423	5941	4953	40784
	2015-2016	-	-	6745	9020	73282	4322	5784	5010	40051
	2016-2017	-	-	6172	9023	73216	4304	5027	6485	37271

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Spices and condiments			Tobacco and Betel			
		Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
UNION TOTAL	2009-2010	325535	178776	69789	8388	33073	189694	26645
	2010-2011	314795	178897	71976	6761	34507	195285	27558
	2011-2012	290318	178139	72138	6723	33982	206765	30113
	2012-2013	279612	177996	71242	7256	33715	215876	32378
	2013-2014	271230	189826	72063	7180	32187	220231	33315
	2014-2015	275540	193476	70349	6755	33417	230822	33985
	2015-2016	271575	189457	69626	6358	32899	237424	34327
	2016-2017	274368	172887	70874	5320	31573	241901	34311
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-
	2011-2012	5055	1491	22	-	-	-	2521
	2012-2013	4612	1592	22	-	-	-	2521
	2013-2014	4376	1355	21	-	-	-	2891
	2014-2015	5026	1215	21	-	-	-	2971
	2015-2016	5013	1449	21	-	-	-	2971
	2016-2017	4474	1348	21	-	-	2	2971
Kachin State	2009-2010	-	1858	3941	-	910	962	44
	2010-2011	-	1914	3568	-	920	963	44
	2011-2012	-	1421	3266	-	739	973	35
	2012-2013	-	1408	3126	-	351	973	35
	2013-2014	-	1320	3082	-	251	975	2
	2014-2015	-	1304	3107	-	242	975	-
	2015-2016	-	1328	3126	-	215	975	-
	2016-2017	-	1292	2996	-	172	975	-
Kayah State	2009-2010	4942	3019	3128	-	300	91	242
	2010-2011	5396	3050	3201	-	300	91	247
	2011-2012	5307	2770	3027	-	238	91	247
	2012-2013	5326	2823	3155	-	216	91	247
	2013-2014	5328	2884	3186	-	240	139	248
	2014-2015	5213	2601	3254	-	255	139	248
	2015-2016	4936	2584	3223	-	225	139	248
	2016-2017	4280	2222	2964	-	210	139	248

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
 Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Spices and condiments			Tobacco and Betel			
		Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Kayin State	2009-2010	2093	190	10	-	2349	13456	481
	2010-2011	2166	215	11	-	2362	13613	518
	2011-2012	2696	54	11	-	2378	20823	550
	2012-2013	2727	54	5	-	2454	24460	842
	2013-2014	2760	51	5	-	2460	24472	851
	2014-2015	2773	51	5	-	2462	24749	856
	2015-2016	2807	34	5	-	2466	24815	881
	2016-2017	2851	18	5	-	2459	24829	910
Chin State	2009-2010	3096	1692	1612	-	2486	13	-
	2010-2011	3196	1705	1740	-	2391	13	-
	2011-2012	2897	1646	1299	-	1944	14	-
	2012-2013	2889	1668	1322	-	1787	14	-
	2013-2014	3234	1657	1374	-	1833	14	-
	2014-2015	3177	1622	1378	-	2231	14	-
	2015-2016	2532	1651	1358	-	1774	14	-
	2016-2017	2481	1666	1326	-	1637	14	-
Sagaing Region	2009-2010	4193	30935	9350	202	1168	1211	2024
	2010-2011	4325	30867	9568	187	1241	1296	2035
	2011-2012	4306	31471	10002	240	1242	1310	2719
	2012-2013	4518	35072	10598	245	1248	1329	3789
	2013-2014	5306	35159	10714	154	1255	1364	3890
	2014-2015	5352	37291	10306	150	1537	1369	4011
	2015-2016	5557	37711	10554	165	1523	1378	4370
	2016-2017	5449	41085	11243	66	1389	1478	4853
Tanintharyi Region	2009-2010	-	-	-	-	17	85262	1137
	2010-2011	-	-	-	-	17	90147	1200
	2011-2012	-	-	-	-	32	94103	1327
	2012-2013	-	-	-	-	5	99488	1337
	2013-2014	-	-	-	-	-	103639	1335
	2014-2015	-	-	-	-	-	113854	1348
	2015-2016	-	-	-	-	-	120373	1357
	2016-2017	-	-	-	-	-	124731	1372

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Spices and condiments			Tobacco and Betel			
		Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Bago Region	2009-2010	6390	2602	67	107	2010	2539	634
	2010-2011	6388	2631	71	107	2292	2567	978
	2011-2012	5059	2053	31	101	2100	2567	2047
	2012-2013	5546	2103	31	103	1911	2567	2314
	2013-2014	5566	2157	31	103	2242	2567	2424
	2014-2015	5471	2120	31	68	2119	2567	2438
	2015-2016	5297	2105	31	68	2108	2567	2446
	2016-2017	5481	2044	31	10	1785	2567	2446
Magway Region	2009-2010	25577	49124	3729	3896	3630	-	383
	2010-2011	25928	49162	3739	3956	3636	-	384
	2011-2012	26291	49166	3740	3961	3662	-	639
	2012-2013	26550	49173	3745	3975	3667	-	639
	2013-2014	26605	49180	3746	3976	3675	-	641
	2014-2015	26393	49264	3751	3977	3677	-	641
	2015-2016	26393	49264	3751	3977	3677	-	641
	2016-2017	26392	42109	3570	3856	3643	-	641
Mandalay Region	2009-2010	144597	72002	2402	1646	12637	1844	5588
	2010-2011	133001	70772	2454	1709	13615	1844	5579
	2011-2012	119045	71831	2287	1713	13815	1844	3075
	2012-2013	112445	68921	2310	1953	15169	1859	3094
	2013-2014	104568	80312	2598	1847	13368	1770	3321
	2014-2015	109953	83410	2593	1592	13527	1770	3329
	2015-2016	106347	78837	2512	1245	13914	1770	3362
	2016-2017	112796	66265	2357	546	13592	1770	3171
Mon State	2009-2010	2864	70	-	-	342	55245	2846
	2010-2011	3431	57	-	-	366	55641	3053
	2011-2012	2012	13	-	-	488	55771	3176
	2012-2013	2006	-	-	-	80	55826	3217
	2013-2014	2010	-	-	-	80	55910	3248
	2014-2015	2389	-	-	-	60	55998	3343
	2015-2016	2628	-	-	-	122	56006	3393
	2016-2017	2469	-	-	-	60	56006	3027

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Spices and condiments			Tobacco and Betel			
		Chillies	Onion	Garlic	Tobacco (Virginia)	Tobacco (Myanmar)	Betel nut	Betel leaves
Rakhine State	2009-2010	34939	3437	1219	-	4613	6714	1126
	2010-2011	36163	3503	1392	-	4707	6736	1166
	2011-2012	34430	1897	772	-	4605	6874	1204
	2012-2013	33662	1755	704	-	4546	6874	1202
	2013-2014	33547	1753	735	-	4534	6781	1203
	2014-2015	34139	1756	760	-	4962	6785	1208
	2015-2016	34394	1752	760	-	4526	6785	1228
	2016-2017	34333	1775	803	-	4502	6788	1236
Yangon Region	2009-2010	1377	2	-	-	15	601	2671
	2010-2011	1295	4	-	-	5	605	2672
	2011-2012	1295	4	-	-	-	605	2545
	2012-2013	1438	2	-	-	-	605	2685
	2013-2014	198	-	-	-	-	605	2685
	2014-2015	984	-	-	-	-	605	2497
	2015-2016	978	-	-	-	-	605	2450
	2016-2017	979	-	-	-	-	605	2447
Shan State	2009-2010	7554	11797	44342	1003	1715	130	587
	2010-2011	7879	12455	46242	862	1789	135	587
	2011-2012	8563	12443	47682	713	1807	135	589
	2012-2013	8054	11594	46229	994	1516	135	589
	2013-2014	7138	12154	46572	1101	1490	135	593
	2014-2015	7781	11117	45148	969	1405	135	593
	2015-2016	7989	10988	44285	903	1432	135	590
	2016-2017	7755	11419	45558	842	1214	135	590
Ayeyarwady Region	2009-2010	88047	2605	-	-	870	21626	8933
	2010-2011	85954	2602	-	-	872	21634	9096
	2011-2012	73725	1883	-	-	958	21655	9694
	2012-2013	70098	1838	-	-	770	21655	9867
	2013-2014	70649	1851	-	-	867	21860	9983
	2014-2015	66677	1809	-	-	942	21862	10502
	2015-2016	66704	1754	-	-	917	21862	10390
	2016-2017	64628	1644	-	-	874	21862	10399

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Beverage				Vegetables and Fruits			
		Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
UNION TOTAL	2009-2010	229577	60221	395653	67083	94310	178725	1296880	1365890
	2010-2011	234183	60795	374385	67777	95632	186981	1338532	1365535
	2011-2012	237371	62061	381227	69012	92270	188886	1329385	1372077
	2012-2013	224058	49894	380751	69573	91286	202004	1337476	1453605
	2013-2014	231041	50098	418636	69402	90119	204740	1365824	1465977
	2014-2015	236341	49176	446907	69799	90644	211506	1395674	1474944
	2015-2016	236576	49192	400087	69672	90684	215462	1402955	1488451
	2016-2017	238368	49437	405461	70062	90279	225465	1412129	1497660
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-	-
	2011-2012	1753	396	14684	20	1783	578	14105	2404
	2012-2013	1537	253	13380	58	1929	1007	14685	5601
	2013-2014	1537	270	19681	62	1665	1076	16137	8025
	2014-2015	1537	396	19212	62	1668	1083	14837	10291
	2015-2016	1537	396	10359	43	1669	1083	15524	10450
	2016-2017	1537	396	9800	43	1682	1093	14793	10538
Kachin State	2009-2010	3159	2098	17404	-	7557	21308	55366	64141
	2010-2011	3632	2102	13305	-	7480	26786	63909	64657
	2011-2012	3672	2106	11063	-	5552	27218	63045	67255
	2012-2013	3706	2106	5242	-	4974	28418	57058	67593
	2013-2014	3772	2106	4024	-	4666	28422	55519	68044
	2014-2015	3501	1680	3602	-	4869	31674	58630	68159
	2015-2016	3525	1680	3413	-	4894	34072	60545	70330
	2016-2017	3525	1680	3230	-	4842	40358	60753	70355
Kayah State	2009-2010	12	1658	-	-	1564	2346	26435	1850
	2010-2011	20	1678	-	-	1601	2479	30500	1850
	2011-2012	21	1688	-	-	1603	2484	34126	1850
	2012-2013	21	1738	-	-	1617	2489	29974	1850
	2013-2014	26	1738	-	-	1640	2500	30304	1857
	2014-2015	47	1738	-	-	1620	2147	30267	1900
	2015-2016	52	1738	-	-	1329	2147	30042	1969
	2016-2017	52	1740	-	-	1123	2323	26973	1969

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Beverage				Vegetables and Fruits			
		Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Kayin State	2009-2010	1042	9499	7661	281	-	3782	18761	40159
	2010-2011	1064	9590	7728	293	-	4049	20074	40642
	2011-2012	1077	9675	7849	293	-	4131	23284	44995
	2012-2013	1134	9740	7955	293	-	13075	26283	114940
	2013-2014	1138	9795	8021	293	-	13101	26759	114968
	2014-2015	1138	9795	8187	293	-	13156	27117	115909
	2015-2016	1138	9812	8189	298	-	13299	27974	116272
	2016-2017	1138	9812	8145	298	-	13339	28225	116425
Chin State	2009-2010	20196	1277	990	-	4566	3488	30056	17245
	2010-2011	20400	1283	923	-	4905	3561	30299	17307
	2011-2012	20400	1283	668	-	4317	3026	24150	7224
	2012-2013	1955	557	672	-	4129	3050	23729	7361
	2013-2014	1955	559	581	-	3950	3350	24200	9562
	2014-2015	1957	568	565	-	4131	3496	22279	11009
	2015-2016	1957	568	551	-	3945	3455	21641	12363
	2016-2017	1439	562	486	-	3849	3502	19375	12497
Sagaing Region	2009-2010	8978	529	165653	20168	7389	19361	224419	100408
	2010-2011	9058	542	160397	20168	7415	19403	231243	93138
	2011-2012	9123	562	161676	20168	7546	19886	234168	95077
	2012-2013	9163	562	162582	20168	7636	20527	255196	96775
	2013-2014	9189	563	166107	20168	8019	20605	257035	96921
	2014-2015	9230	572	176909	20168	7852	20752	260753	97479
	2015-2016	9216	572	168568	20168	7681	21131	270103	99285
	2016-2017	11191	586	178135	20168	7923	22153	279050	100012
Tanintharyi Region	2009-2010	1	126	-	574	-	10763	12880	248295
	2010-2011	1	126	-	574	-	10904	13149	248546
	2011-2012	1	126	-	571	-	11004	12852	249078
	2012-2013	1	126	-	571	-	11305	12023	249498
	2013-2014	1	176	-	571	-	11352	13149	250045
	2014-2015	-	279	-	572	-	11352	12469	250058
	2015-2016	-	279	-	571	-	11352	13186	251185
	2016-2017	-	279	-	571	-	11352	13193	251881

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
 Years 2009/2010-2016/2017, absolute values in acre

States and Regions	Year	Beverage				Vegetables and Fruits			
		Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Bago Region	2009-2010	-	1358	48793	851	551	13441	137376	193879
	2010-2011	-	1358	46322	871	620	13761	141117	193921
	2011-2012	-	1358	45874	871	635	13768	141604	195145
	2012-2013	-	1358	48156	871	635	14622	141767	195727
	2013-2014	-	1358	60516	825	620	14624	144975	198160
	2014-2015	-	631	69194	824	635	14639	143917	199647
	2015-2016	-	631	54612	870	635	14847	139912	201335
	2016-2017	-	111	44706	870	635	14847	143412	202145
Magway Region	2009-2010	520	569	16739	20900	4797	2664	116354	33341
	2010-2011	1027	569	14226	21528	4797	2669	118040	33373
	2011-2012	1177	569	14226	21538	5258	2669	118074	33393
	2012-2013	1187	663	15241	21642	5269	2679	121459	33705
	2013-2014	1187	703	21329	21642	5272	2680	121991	33891
	2014-2015	1187	987	22232	21642	5298	2686	122197	34377
	2015-2016	1187	987	23035	21643	5457	2686	125931	34718
	2016-2017	1187	987	20797	22095	5406	2687	124224	34718
Mandalay Region	2009-2010	7543	16813	44044	22381	4010	6671	126304	55501
	2010-2011	8423	16982	41275	22381	4138	7005	127027	56282
	2011-2012	7467	16586	30686	22409	1984	6685	110668	57725
	2012-2013	7663	4906	31620	22469	2586	7141	99886	58919
	2013-2014	11977	4906	31907	22469	1879	8011	115265	59244
	2014-2015	16976	4851	30107	22469	2018	8514	127271	59854
	2015-2016	17126	4851	28167	22469	2127	9027	119447	62350
	2016-2017	17426	5832	31096	22469	2020	10608	120488	70546
Mon State	2009-2010	337	69	5021	474	-	6360	38137	165775
	2010-2011	337	69	3847	476	-	6400	38961	165836
	2011-2012	337	69	3857	476	-	6426	34049	169175
	2012-2013	340	69	817	476	-	6472	37922	169400
	2013-2014	340	-	55	476	-	6508	36345	170885
	2014-2015	349	-	77	476	-	6567	37079	170885
	2015-2016	333	-	313	476	-	6583	37577	170973
	2016-2017	333	-	372	476	-	6587	38671	170973

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (cont'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Beverage				Vegetables and Fruits			
		Tea	Coffee	Sugarcane	Toddy Palm	Potato	Plantain	Vegetables	Fruits
Rakhine State	2009-2010	-	-	2679	-	9304	6962	96547	58237
	2010-2011	-	-	2461	-	9392	7009	101152	59414
	2011-2012	-	-	2206	-	8700	7102	98571	60758
	2012-2013	-	-	1987	-	7853	7147	94408	60901
	2013-2014	-	-	1585	-	8016	7216	96565	60850
	2014-2015	-	-	1805	-	8074	7230	98959	61631
	2015-2016	-	-	1868	-	8237	7360	97269	66989
	2016-2017	-	-	1277	-	8252	7575	96990	67217
Yangon Region	2009-2010	-	-	6566	90	-	7010	57978	78452
	2010-2011	-	-	5239	90	-	7016	59908	78462
	2011-2012	-	-	5168	92	-	6977	58141	78462
	2012-2013	-	-	5640	90	-	6975	57658	78462
	2013-2014	-	-	6147	90	-	6989	54984	78446
	2014-2015	-	-	6012	328	-	7014	58836	78446
	2015-2016	-	-	6183	328	-	7014	60244	74803
	2016-2017	-	-	6190	266	-	7014	56964	74906
Shan State	2009-2010	187789	26150	79764	-	54547	18016	174686	91674
	2010-2011	190221	26421	78275	-	55259	18940	180096	94655
	2011-2012	192343	27568	82981	-	54867	19346	184535	91984
	2012-2013	197351	27741	87229	-	54633	19509	189152	95314
	2013-2014	199919	27849	98539	-	54367	19730	193490	96780
	2014-2015	200419	27604	108810	-	54454	19912	196003	95885
	2015-2016	200505	27635	94634	-	54685	19976	195025	95568
	2016-2017	200540	27452	101025	-	54522	20417	200483	93559
Ayeyarwady Region	2009-2010	-	75	339	1364	25	56553	181581	216933
	2010-2011	-	75	387	1396	25	56999	183057	217452
	2011-2012	-	75	289	2574	25	57586	178013	217552
	2012-2013	-	75	230	2935	25	57588	176276	217559
	2013-2014	-	75	144	2806	25	58576	179106	218299
	2014-2015	-	75	195	2965	25	61284	185060	219414
	2015-2016	-	43	195	2806	25	61430	188535	219861
	2016-2017	-	-	202	2806	25	61610	188535	219919

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (concl'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Fibre				Miscellaneous		
		Cotton (Wagyi)	Cotton (Mahla- ing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
UNION TOTAL	2009-2010	94396	119794	673928	8937	1143712	131790	11778
	2010-2011	91828	111218	663564	8447	1246262	132233	12067
	2011-2012	90162	103348	612323	7769	1342202	132326	13090
	2012-2013	86260	77227	524296	1101	1435931	141565	13268
	2013-2014	91532	79955	567598	43	1506867	141117	13259
	2014-2015	91864	73824	586457	58	1584115	141178	13332
	2015-2016	91135	72823	555700	131	1607428	141016	12050
	2016-2017	89353	54101	499226	117	1616097	141100	12179
Nay Pyi Taw	2009-2010	-	-	-	-	-	-	-
	2010-2011	-	-	-	-	-	-	-
	2011-2012	-	-	8882	-	-	945	-
	2012-2013	-	-	8893	-	-	1078	-
	2013-2014	-	-	10002	-	-	1078	-
	2014-2015	-	-	10125	-	-	1128	50
	2015-2016	-	-	9007	-	-	1128	50
	2016-2017	-	-	9153	-	-	1128	50
Kachin State	2009-2010	-	-	31	-	43377	2122	790
	2010-2011	-	-	-	-	50047	2122	790
	2011-2012	-	-	-	-	61478	2124	790
	2012-2013	-	-	-	-	63503	2124	734
	2013-2014	-	-	-	-	74589	2142	790
	2014-2015	-	-	-	-	76537	2142	734
	2015-2016	-	-	-	-	78950	2142	734
	2016-2017	-	-	-	-	80411	2142	734
Kayah State	2009-2010	-	100	3	-	111	170	92
	2010-2011	-	100	-	-	111	170	92
	2011-2012	-	100	-	-	67	170	92
	2012-2013	-	-	-	-	36	171	92
	2013-2014	-	-	-	-	36	171	92
	2014-2015	-	-	-	-	36	171	92
	2015-2016	-	-	-	-	10	171	101
	2016-2017	-	-	-	-	66	171	101

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (concl'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Fibre				Miscellaneous		
		Cotton (Wagyi)	Cotton (Mahla- ing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Kayin State	2009-2010	-	-	10	-	145696	1396	265
	2010-2011	-	-	-	-	163344	1429	265
	2011-2012	-	-	-	-	189747	1437	265
	2012-2013	-	-	-	-	213027	10521	265
	2013-2014	-	-	-	-	223144	10532	265
	2014-2015	-	-	-	-	260838	10534	265
	2015-2016	-	-	-	-	266820	10594	265
	2016-2017	-	-	-	-	268274	10608	68
Chin State	2009-2010	-	1420	-	-	85	57	609
	2010-2011	-	1214	-	-	85	57	1605
	2011-2012	-	573	-	-	85	57	1877
	2012-2013	-	573	-	-	9	57	1870
	2013-2014	-	491	-	-	9	57	1844
	2014-2015	-	471	-	-	9	57	1904
	2015-2016	-	329	-	-	9	57	1700
	2016-2017	-	193	-	-	9	57	1674
Sagaing Region	2009-2010	7605	22022	124925	-	6581	8759	1584
	2010-2011	5749	15690	119301	-	7549	8853	1519
	2011-2012	6949	16505	115685	-	8451	9002	1582
	2012-2013	4530	12728	70062	-	9789	9004	1671
	2013-2014	8869	12663	79391	-	10642	9005	1647
	2014-2015	9305	13630	88665	-	12622	9005	1665
	2015-2016	9351	14063	93560	-	12995	9008	1597
	2016-2017	9829	13043	82700	-	12241	9019	1622
Tanintharyi Region	2009-2010	-	-	-	-	219296	12785	74
	2010-2011	-	-	-	-	238357	12785	124
	2011-2012	-	-	-	-	264106	12785	74
	2012-2013	-	-	-	-	298356	12785	74
	2013-2014	-	-	-	-	319816	12787	74
	2014-2015	-	-	-	-	334051	12790	34
	2015-2016	-	-	-	-	343052	12819	34
	2016-2017	-	-	-	-	345834	12831	34

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (concl'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Fibre				Miscellaneous		
		Cotton (Wagyi)	Cotton (Mahla- ing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Bago Region	2009-2010	17310	-	21312	944	88231	6692	105
	2010-2011	17213	-	11025	996	94393	6842	105
	2011-2012	14643	-	3239	2687	101121	6842	105
	2012-2013	15592	-	1945	361	107707	6842	105
	2013-2014	15786	-	2007	20	110999	6842	105
	2014-2015	15739	-	1989	16	115129	6842	105
	2015-2016	15906	-	1721	15	116693	6842	105
	2016-2017	16745	-	1645	4	118096	6842	105
Magway Region	2009-2010	64308	13578	261706	-	80	2459	337
	2010-2011	64417	13646	267909	-	80	2459	339
	2011-2012	64439	13648	268286	-	80	2459	339
	2012-2013	64008	13651	271159	-	80	2459	340
	2013-2014	64561	13653	271806	-	80	2461	340
	2014-2015	64513	13516	275767	-	80	2461	452
	2015-2016	64194	13517	272355	-	80	2461	452
	2016-2017	61324	10442	260274	-	-	2462	455
Mandalay Region	2009-2010	5170	82251	263229	-	381	1681	4478
	2010-2011	4446	80150	262675	-	381	1719	3478
	2011-2012	4131	72104	214929	-	381	774	4012
	2012-2013	2130	49852	171863	-	381	718	4203
	2013-2014	2316	52737	204263	-	381	718	4153
	2014-2015	2307	45793	209765	-	114	715	4204
	2015-2016	1684	44533	178920	-	114	715	4260
	2016-2017	1455	30060	145266	-	114	715	4584
Mon State	2009-2010	-	-	-	-	423692	10670	267
	2010-2011	-	-	-	-	451725	10689	267
	2011-2012	-	-	-	-	464477	10692	267
	2012-2013	-	-	-	-	470066	10692	270
	2013-2014	-	-	-	-	480224	10692	270
	2014-2015	-	-	-	-	489053	10692	262
	2015-2016	-	-	-	-	491100	10727	262
	2016-2017	-	-	-	-	493290	10727	262

TABLE 9.12 SOWN ACREAGE OF SELECTED CROPS BY STATES AND REGIONS (concl'd)
Years 2009/2010 - 2016/2017, absolute values in acre

States and Regions	Year	Fibre				Miscellaneous		
		Cotton (Wagyi)	Cotton (Mahla- ing 5/6)	Cotton (Long Staple)	Jute	Rubber	Coconut	Plants (Medicinal)
Rakhine State	2009-2010	3	-	13	-	31380	13399	1
	2010-2011	3	-	6	-	32891	13409	67
	2011-2012	-	-	-	-	34320	13413	88
	2012-2013	-	-	-	-	35400	13415	88
	2013-2014	-	-	-	-	36719	12638	89
	2014-2015	-	-	-	-	36523	12646	69
	2015-2016	-	-	-	-	35522	12650	32
	2016-2017	-	-	-	-	35529	12651	29
Yangon Region	2009-2010	-	-	-	42	34672	9289	2516
	2010-2011	-	-	-	32	38052	9294	2816
	2011-2012	-	-	-	65	39208	9294	2999
	2012-2013	-	-	-	3	40293	9277	2979
	2013-2014	-	-	-	6	40829	9277	2979
	2014-2015	-	-	-	5	42233	9278	2979
	2015-2016	-	-	-	7	43412	9278	1932
	2016-2017	-	-	-	-	42510	9278	1932
Shan State	2009-2010	-	423	2120	-	131080	832	606
	2010-2011	-	418	2076	-	149019	837	546
	2011-2012	-	418	990	-	156797	839	545
	2012-2013	-	423	363	-	172287	839	522
	2013-2014	-	411	129	-	182362	839	554
	2014-2015	-	414	146	-	183320	839	460
	2015-2016	-	381	137	-	183394	575	455
	2016-2017	-	363	188	-	184449	575	458
Ayeyarwady Region	2009-2010	-	-	579	7951	19050	61479	54
	2010-2011	-	-	572	7419	20228	61568	54
	2011-2012	-	-	312	5017	21884	61493	55
	2012-2013	-	-	11	737	24997	61583	55
	2013-2014	-	-	-	17	27037	61878	57
	2014-2015	-	-	-	37	33570	61878	57
	2015-2016	-	-	-	109	35274	61894	71
	2016-2017	-	-	-	113	35274	61894	71

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS
 Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014
Mango					
Sown	Acre	175	197	232	237
Harvested	Acre	161	173	189	191
Production	Number	1833592	2014702	2098617	2123251
Lemon					
Sown	Acre	39	44	49	49
Harvested	Acre	35	41	43	43
Production	Number	638205	781294	783268	826960
Orange					
Sown	Acre	31	35	36	36
Harvested	Acre	22	29	29	30
Production	Viss	164093	203643	193587	208972
Pomelo and Sweet Lime					
Sown	Acre	14	15	17	17
Harvested	Acre	12	14	14	14
Production	Number	64276	79086	82300	87383
Durian					
Sown	Acre	17	21	23	23
Harvested	Acre	16	20	20	20
Production	Number	38709	57527	63847	62377
Pineapple					
Sown	Acre	44	52	60	59
Harvested	Acre	42	51	53	52
Production	Number	201332	248827	252477	244897
Custard apple					
Sown	Acre	9	10	11	11
Harvested	Acre	9	10	11	11
Production	Number	84051	115743	108698	101338
Lichee					
Sown	Acre	14	13	8	8
Harvested	Acre	11	11	5	6
Production	Number	1041676	1056679	359467	389381
Grapes					
Sown	Acre	3	4	3	3
Harvested	Acre	3	2	2	3
Production	Viss	8106	4698	5725	7597
Apple					
Sown	Acre	5	4	1	1
Harvested	Acre	3	2	1	1
Production	Viss	3033	2847	1241	1258

TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS (cont'd)
 Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Unit	2014-2015	2015-2016	2016-2017
Mango				
Sown	Acre	240	247	254
Harvested	Acre	197	200	207
Production	Number	2228279	1981290	2309027
Lemon				
Sown	Acre	51	52	54
Harvested	Acre	43	44	46
Production	Number	761890	841756	913235
Orange				
Sown	Acre	36	38	37
Harvested	Acre	30	27	26
Production	Viss	216206	215442	216881
Pomelo and Sweet Lime				
Sown	Acre	17	17	17
Harvested	Acre	15	15	15
Production	Number	77113	89930	91355
Durian				
Sown	Acre	23	23	24
Harvested	Acre	20	20	21
Production	Number	63230	52613	64545
Pineapple				
Sown	Acre	59	61	61
Harvested	Acre	53	54	55
Production	Number	250182	254092	245452
Custard apple				
Sown	Acre	11	11	11
Harvested	Acre	11	11	11
Production	Number	101885	101527	104075
Lichee				
Sown	Acre	9	9	8
Harvested	Acre	7	7	6
Production	Number	336668	365029	366967
Grapes				
Sown	Acre	3	3	4
Harvested	Acre	3	3	4
Production	Viss	7449	12596	19163
Apple				
Sown	Acre	1	1	1
Harvested	Acre	1	1	1
Production	Viss	2891	2391	2881

TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS (cont'd)
 Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014
Pear					
Sown	Acre	2	3	3	3
Harvested	Acre	2	2	2	2
Production	Viss	10046	9913	10244	9626
Damson					
Sown	Acre	4	4	4	4
Harvested	Acre	3	3	3	3
Production	Viss	7410	8739	8930	21441
Walnut					
Sown	Acre	5	8	10	11
Harvested	Acre	2	6	6	7
Production	Viss	2161	4432	5173	6203
Cashewnut					
Sown	Acre	200	218	220	216
Harvested	Acre	117	143	149	148
Production	Viss	14845	31170	34426	34549
Plums					
Sown	Acre	49	54	54	54
Harvested	Acre	48	50	52	52
Production	Viss	276966	196354	187970	190531
Chestnut					
Sown	Acre	*	*	*	*
Harvested	Acre	*	*	*	*
Production	Viss	176	203	251	273
Tamarind					
Sown	Acre	44	46	47	47
Harvested	Acre	42	44	44	45
Production	Viss	70918	85015	88868	88242
Strawberry					
Sown	Acre	*	*	*	19
Harvested	Acre	*	*	*	15
Production	Viss	827	876	974	874
Others					
Sown	Acre	528	635	676	667
Harvested	Acre	408	509	509	502
Total					
Sown	Acre	1183	1366	1454	1465
Harvested	Acre	936	1111	1132	1145

TABLE 9.13 SOWN AREA, HARVESTED AREA AND PRODUCTION OF FRUITS (concl'd)
 Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Unit	2014-2015	2015-2016	2016-2017
Pear				
Sown	Acre	3	2	2
Harvested	Acre	2	2	2
Production	Viss	9827	8655	10141
Damson				
Sown	Acre	4	4	4
Harvested	Acre	3	3	3
Production	Viss	8023	10759	9910
Walnut				
Sown	Acre	11	11	11
Harvested	Acre	7	6	6
Production	Viss	7686	7744	7955
Cashewnut				
Sown	Acre	216	219	216
Harvested	Acre	151	158	151
Production	Viss	31380	42392	48958
Plums				
Sown	Acre	54	54	56
Harvested	Acre	52	52	54
Production	Viss	187807	200625	202563
Chestnut				
Sown	Acre	*	*	1
Harvested	Acre	*	*	*
Production	Viss	270	319	320
Tamarind				
Sown	Acre	47	46	48
Harvested	Acre	45	44	45
Production	Viss	94551	90675	112170
Strawberry				
Sown	Acre	*	*	*
Harvested	Acre	*	*	*
Production	Viss	974	972	982
Others				
Sown	Acre	689	690	689
Harvested	Acre	522	535	530
Total				
Sown	Acre	1474	1488	1498
Harvested	Acre	1162	1182	1183

Note: *Less than one unit

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.14 SOWN AREA, HERVESTED AREA AND PRODUCTION OF VEGETABLES
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Cabbage								
Sown	Acre	59	75	77	75	78	77	79
Harvested	Acre	59	75	77	75	77	77	79
Production	Viss	231158	277469	290767	288752	292098	299664	303807
Cauliflower								
Sown	Acre	61	66	67	65	67	70	68
Harvested	Acre	61	66	67	65	67	70	68
Production	Viss	219222	210141	231063	226324	237402	241612	254003
Lettuce								
Sown	Acre	16	24	29	28	26	29	32
Harvested	Acre	16	24	29	28	26	29	32
Production	Viss	27120	43077	47056	48085	45322	55343	60499
Mustard (Leaf)								
Sown	Acre	76	95	91	91	85	88	89
Harvested	Acre	76	95	91	91	84	88	89
Production	Viss	127753	171134	171910	183711	146711	167903	189706
Tomato								
Sown	Acre	228	277	273	279	272	281	278
Harvested	Acre	228	277	273	279	272	280	278
Production	Viss	580834	810713	845419	845028	822552	808335	812768
Carrot								
Sown	Acre	7	6	7	7	6	5	5
Harvested	Acre	7	6	7	7	6	5	5
Production	Viss	16239	12111	14425	13257	10165	9413	9278
Radish								
Sown	Acre	44	56	55	52	54	56	57
Harvested	Acre	44	56	55	52	54	56	57
Production	Viss	125703	180526	158539	154740	167095	167184	164894
Watermelon								
Sown	Acre	40	47	38	45	51	53	60
Harvested	Acre	40	47	38	45	51	53	60
Production	Viss	126506	151300	113779	141337	144664	165737	177190
Gourd								
Sown	Acre	38	55	58	56	57	58	57
Harvested	Acre	38	55	58	56	57	58	57
Production	Viss	107302	153657	161378	172886	163568	165841	162840
Asparagus								
Sown	Acre	1	1	1	2	1	2	2
Harvested	Acre	1	1	1	2	1	2	2
Production	Viss	929	2012	1520	2269	2041	1968	3425
Others								
Sown	Acre	524	637	642	666	698	684	685
Harvested	Acre	524	637	641	665	698	681	684
Total								
Sown	Acre	1094	1339	1338	1366	1395	1403	1412
Harvested	Acre	1094	1339	1337	1365	1394	1399	1411

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.15 YIELD PER HARVESTED ACRE OF SELECTED CROPS
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Paddy	46lb(basket)	71	79	74	75	76	76	75
Wheat	72lb(basket)	17	22	22	23	23	23	23
Maize	55lb(basket)	47	57	59	60	61	61	62
Groundnut								
Rain	25lb(basket)	43	50	50	50	50	51	51
Winter	25lb(basket)	57	62	63	64	64	65	65
Sesamum								
Early	54lb(basket)	5	8	8	8	8	8	8
Late	54lb(basket)	10	12	13	13	13	13	13
Cotton(lint)								
Wagyi	Viss	98	107	108	111	112	113	119
Mahlaing 5/6	Viss	90	116	120	120	117	120	118
Long Staple	Viss	203	476	510	515	524	540	546
Jute	Viss	220	217	223	234	187	148	96
Kenaf	Viss	257	263	227	276	218	175	163
Rubber	lb	530	613	687	681	683	674	686
Matpe(Black gram)	72lb(basket)	15	19	17	18	18	18	18
Pedisein(Green gram)	72lb(basket)	12	16	16	16	16	16	16
Bocate(Cow pea)	72lb(basket)	12	15	15	16	16	16	16
Peboke(Soy bean)	72lb(basket)	15	19	19	19	19	19	19
Pelun	72lb(basket)	12	15	16	16	16	16	16
Pesingon(Pigeon pea)	72lb(basket)	14	16	16	16	17	17	17
Peyin(Rice bean)	72lb(basket)	11	13	14	14	14	14	14
Sadawpe(Garden pea)	72lb(basket)	13	15	16	16	17	17	17
Peyazar(Lentil bean)	72lb(basket)	7	10	10	10	11	11	12
Penauk(Krishna mung)	72lb(basket)	8	11	12	12	12	13	13
Butter bean	69lb(basket)	14	16	17	17	17	18	18
Sultani	69lb(basket)	14	16	16	17	18	17	17
Sultapya	69lb(basket)	14	16	16	16	16	16	16
Gram(Chick pea)	69lb(basket)	15	18	19	19	20	20	20
Pebyugale(Duffin bean)	69lb(basket)	10	13	14	14	14	14	14
Peyyi(Lablab bean)	69lb(basket)	12	15	16	16	16	17	17
Pegya(Lima bean)	69lb(basket)	10	12	13	14	13	13	14
Chillies	Viss	210	252	261	265	274	291	296
Onion	Viss	3464	2873	3993	3949	4004	4087	4042
Garlic	Viss	1507	1781	1824	1830	1859	1869	1869
Potato	Viss	3409	3667	3756	3729	3745	3845	3820
Tobacco(dry)(Virginia)	Viss	467	322	346	331	329	347	359
Tobacco(dry)(Myanmar)	Viss	435	444	466	451	467	475	479
Sugarcane	long ton	22	25	25	25	25	25	26
Tapioca	Viss	3155	3345	3288	3325	3231	3200	2932
Tea	Viss	268	300	298	297	296	297	299
Coffee	Viss	141	168	173	177	178	178	174

Source: Department of Agricultural Land Management and Statistics.

METHODOLOGY SHEET | **Substituting for opium poppy in border**

Responsible Unit (Service or Structure)	Department of Agriculture
Level of Disaggregation	Union
Study Variables	Sown Areas of Crops substituting for Opium Poppy in border Areas
Classification Variables	Annual and Perennial Crops
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Border Area
Tables	9.16

TABLE 9.16 SOWN AREA OF ANNUAL AND PERENNIAL CROPS SUBSTITUTING FOR OPIUM POPPY IN BORDER AREA

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in acre

Crop	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
Annual Crops	1440518	2529955	2330148	2436648	2460985	2491970	2513401
Paddy	764866	1316039	1199274	1248232	1126025	1126185	1137125
Wheat	6836	8301	7741	9117	12616	13814	665
Buck wheat	9408	5395	3909	3512	2750	1522	2908
Maize	158999	275111	274151	335070	365588	391567	437089
Groundnut	45686	97915	105418	93386	107695	92812	80920
Sesamum	32742	42913	39037	35616	37756	36282	34958
Sunflower	1879	21259	21738	22571	24770	23272	20299
Other oil Crops	101656	149669	140670	120759	158790	157107	115767
Soybean	58601	155753	145889	141853	129839	121455	131062
Other pulses	113898	139435	120181	133731	152378	175649	99211
Chillies	-	20168	17356	14483	16078	20251	14711
Onion	-	9862	5829	9129	10412	10289	7245
Garlic	-	32077	16097	26494	35656	24804	27157
Other Spices	62273	9184	9181	7861	9784	3254	7052
Sugarcane	21267	52201	43722	50329	28181	28185	32951
Potato	-	32621	27863	27885	33892	25138	28625
Vegetables	54376	119541	109416	112227	162112	174299	130857
Others	8031	42511	42676	44393	46663	66085	204799
Perennial Crops	187612	1233571	1256768	1270987	1002288	1002288	1002288
Coffee	5497	7793	7793	7793	13783	13784	14914
Tea	60969	85572	87577	87995	124272	124272	124272
Orange	10989	12199	12199	12199	12199	12199	12199
Lemon / Lime	1002	1593	1593	1593	1593	1593	1593
Walnut/Chestnut	1876	2123	2123	2123	2123	2123	2123
Lychees	5047	5102	5102	5102	5102	5102	5102
Mango	1365	2474	2474	2474	2474	2474	5998
Rubber	29975	137107	158299	172100	174736	174740	225653
Others	70892	979608	979608	979608	666006	666001	610434

Source: Department of Agriculture.

METHODOLOGY SHEET | **Agriculture inputs**

Responsible Unit (Service or Structure)	Department of Agricultural Land Management and Statistics, Department of Agriculture, Agricultural Mechanization Department, Myanma Agricultural Development Bank
Level of Disaggregation	Union, States and Regions
Study Variables	Utilization of Fertilizer, Distribution of Quality Seeds, Pesticides utilized for Plant Protection, Agricultural Loans, Short term and long term Loans to Cultivators, Equipment for Plant Protection, Agricultural Equipment, Distribution of Tractors
Classification Variables	Type of Fertilizers, Quality Seeds by Crop, Pesticides utilized by Crop, Agricultural Loans by Crop, Equipment for Plant Protection by Type of Commodity, Tractor by Stations
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Agriculture Inputs
Tables	9.17, 9.18, 9.19, 9.20, 9.21, 9.22, 9.23, 9.24, 9.25

TABLE 9.17 UTILIZATION OF FERTILIZER

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in metric ton

Year	Urea	T-Super	Potash	Compound	Other	Total
2005 - 2006	5912	2092	1302	2456	-	11762
2010 - 2011	4588	171	182	766	-	5707
2012 - 2013	21961	11580	5885	49748	4281	93455
2013 - 2014	22597	11900	5449	29935	5087	74968
2014 - 2015	10431	5208	2492	8304	2007	28442
2015 - 2016	1114596	165245	58297	1033221	56114	2427473
2016 - 2017	1321267	201990	62864	1493423	87798	3167342

Note: Agricultural recommendation data

Source: Department of Agriculture.

TABLE 9.18 DISTRIBUTION OF QUALITY SEEDS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
Paddy	Thousand Basket	-	277	111	104	955	910	914
Wheat	Basket	-	284	-	-	-	-	-
Maize	Basket	-	3220	2115	1192	2323	2890	1350
Sorghum	Basket	-	146	70	64	-	420	-
Pulses								
Matpe(Black gram)	Basket	-	1196	1416	1494	2183	1274	2586
Pedisein(Green gram)	Basket	85	266	522	617	1129	1210	1826
Butter bean	Basket	-	20	56	90	163	138	150
Gram(Chick pea)	Basket	-	603	513	1489	1563	1023	1292
Pesingon(Pigeon pea)	Basket	81	675	966	2526	4401	4910	6157
Soy bean	Basket	-	-	100	16	74	70	90
Pe-Ya-Za(Lentil)	Basket	-	-	60	180	-	-	-
Groundnut	Basket	2272	120	482	643	1560	1965	1765
Sesamum	Basket	154	484	443	825	893	1186	1644
Sunflower	Basket	4023	394	1300	1234	1353	1963	125
Nigar	Basket	8	334	185	215	415	430	275
Mustard	Basket	-	-	-	100	20	-	100
Cotton seeds	Thousand Viss	398	574	18	72	63	36	72
Jute seeds	Basket	1624	750	22	17	15	67	40
Kenaf Seeds	Basket	-	-	208	406	121	542	519
Sugarcane	Ton	1525	135012	3905	3366	3334	9831	6504
Rubber Sapling	Thousand Nos.	1270	276	155	115	115	95	109
Rubber Seeds	Thousand Nos.	-	-	963	898	606	125	110
Mulberry Sapling	Thousand Nos.	3341	786	80	80	10	-	-
Coffee Sapling	Thousand Nos.	1828	445	200	254	351	2670	1650
Tea Sapling	Thousand Nos.	1070	-	-	-	-	-	-
Vegetable Seeds	Kg	2528	69	266	619	395	587	1323
Food Trees Sapling	Thousand Nos.	374	127	80	132	98	143	179
Palm Oil Sapling	Thousand Nos.	-	-	1229	397	2241	-	-

Source: Department of Agriculture.

TABLE 9.19 PESTICIDES UTILIZED FOR PLANT PROTECTION BY CROP
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
TOTAL	pound	8172	5380705	8239873	2337714	5947372	17616223	25106124
	gallon	11566	1283183	1121715	1161840	1113634	3160986	5814480
Paddy	pound	110	1362281	5970961	1125917	3062964	4026112	4602258
	gallon	3653	595716	129514	133429	292979	450467	654582
Wheat	pound	352	11993	11344	4590	14325	977473	1553619
	gallon	78	3687	86302	366	2214	159703	363818
Maize	pound	-	6680	14710	223486	47295	1010443	1586589
	gallon	607	25774	86305	4838	18314	175803	379918
Groundnut	pound	37	63427	207554	118556	364540	741687	1317833
	gallon	371	33895	86353	16520	114608	272097	476512
Sesamum	pound	-	49163	143504	17819	133646	1096794	1672940
	gallon	289	29796	86324	18654	86218	243707	447822
Sunflower	pound	57	33224	113754	4218	99590	1062736	1638882
	gallon	668	25470	86306	1869	15112	172601	376716
Pulses	pound	490	1990620	1390484	480133	1734633	2697781	3273927
	gallon	2346	543400	87861	300409	429804	587292	791407
Cotton	pound	5093	4260	-	17855	175890	1139038	1715184
	gallon	3108	1033	86412	9736	69726	227214	431327
Jute	pound	-	-	-	-	2833	699910	1276056
	gallon	-	-	86288	-	1201	158690	362805
Sugarcane	pound	126	957	67834	170450	18647	981795	1557941
	gallon	72	269	345	2461	5636	163124	367239
Potato	pound	-	1109234	20440	54680	40909	1004057	1580203
	gallon	114	1089	86290	3500	1848	159336	363352
Fruits and Vegetable:	pound	1819	47906	132174	115650	204163	1167311	1743457
	gallon	143	12641	127097	19054	52647	210136	414151
Others	pound	88	700960	167114	4359	47937	1011085	1587235
	gallon	117	10413	86318	651004	23327	180816	384831

Source: Department of Agriculture.

TABLE 9.20 AGRICULTURAL LOANS BY CROP

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in kyat millions

Crop	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
GRAND TOTAL	34390.27	190679.89	557846.54	1158728.58	1167485.44	1091404.88	1630623.88
CEREALS	29365.34	157536.51	508499.59	1039152.54	1051028.00	994051.10	1536397.92
Paddy	29292.06	156494.46	507130.31	1035840.60	1047681.70	993009.80	1535351.10
Wheat	-	-	-	-	-	-	-
Maize	73.28	1042.05	1369.28	3311.94	3346.3	1041.30	1046.82
OILSEEDS	3363.40	17508.79	21451.75	43219.68	42345.26	36777.40	36737.64
Groundnut	1752.42	7101.94	9039.59	17145.10	15867.66	12953.66	12271.54
Sesamum	1562.13	10059.67	11906.29	24962.32	25205.40	22639.90	23320.86
Sunflower	-	-	-	-	-	-	-
Mustard	48.85	347.18	505.87	1112.26	1272.20	1183.84	1145.24
CONDIMENTS	-	-	-	-	-	-	-
Chillies	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
TOBACCO	-	-	-	-	-	-	-
Tobacco	-	-	-	-	-	-	-
FIBRES	319.09	1405.39	1486.33	2348.44	1780.90	1440.44	1397.18
Cotton	319.09	1405.39	1486.33	2348.44	1780.90	1440.44	1397.18
OTHERS	1342.44	14229.20	26408.87	74007.92	72331.28	59135.94	56091.14
Pulses	1342.44	14229.20	26408.87	59674.32	57250.28	51853.14	49182.74
Potato	-	-	-	-	-	-	-
Sugarcane	-	-	-	14333.6	15081.00	7282.80	6908.40
Jute	-	-	-	-	-	-	-

Note: Maize is inclusive of Sorghum.

Source: Myanmar Agricultural Development Bank.

TABLE 9.21 AGRICULTURAL LOANS BY STATES AND REGIONS
Years 2012/2013 – 2016/2017, absolute values in Kyat millions

States and Regions	Year	Seasonality Loans			TOTAL
		Rain	Winter	Pre - Rain	
UNION TOTAL	2012-2013	423489.84	127259.96	4134.08	554883.88
	2013-2014	933979.28	204918.98	19830.32	1158728.58
	2014-2015	957062.52	177993.22	32429.70	1167485.44
	2015-2016	916448.00	156963.48	17993.40	1091404.88
	2016-2017	1401599.58	212661.70	16362.60	1630623.88
Nay Pyi Taw	2012-2013	-	256.01	-	256.01
	2013-2014	13492.50	734.46	1076.70	15303.66
	2014-2015	13692.62	186.98	544.70	14424.30
	2015-2016	14022.28	70.60	134.40	14227.28
	2016-2017	20297.37	67.46	116.60	20481.43
Kachin State	2012-2013	7253.83	791.16	-	8044.99
	2013-2014	15689.30	1612.06	-	17301.36
	2014-2015	17582.60	1821.02	-	19403.62
	2015-2016	19689.90	1847.56	-	21537.46
	2016-2017	30486.00	1845.30	-	32331.30
Kayah State	2012-2013	834.42	-	136.80	971.22
	2013-2014	1484.26	-	167.70	1651.96
	2014-2015	1688.80	-	196.80	1885.60
	2015-2016	1857.42	-	188.80	2046.22
	2016-2017	2738.54	-	299.85	3038.39
Kayin State	2012-2013	539.53	-	-	539.53
	2013-2014	1106.02	-	-	1106.02
	2014-2015	1208.08	-	-	1208.08
	2015-2016	647.44	-	-	647.44
	2016-2017	1071.14	-	-	1071.14
Chin State	2012-2013	2040.15	280.36	-	2320.51
	2013-2014	3937.90	459.20	164.00	4561.10
	2014-2015	5676.70	391.38	207.00	6275.08
	2015-2016	5526.62	423.74	130.30	6080.66
	2016-2017	9079.65	594.83	170.30	9844.78
Sagaing Region	2012-2013	47773.12	12544.51	-	60317.63
	2013-2014	122228.04	32173.30	5721.00	160122.34
	2014-2015	130125.88	22226.70	9034.40	161386.98
	2015-2016	129577.34	17408.86	6051.70	153037.90
	2016-2017	196789.64	21226.66	4872.20	222888.50
Tanintharyi Region	2012-2013	4829.90	257.76	-	5087.66
	2013-2014	11117.00	329.10	-	11446.10
	2014-2015	11955.80	285.20	-	12241.00
	2015-2016	11744.90	166.20	-	11911.10
	2016-2017	17918.85	163.35	-	18082.20

TABLE 9.21 AGRICULTURAL LOANS BY STATES AND REGIONS (concl'd)
Years 2012/2013 – 2016/2017, absolute values in Kyat millions

States and Regions	Year	Seasonality Loans			
		Rain	Winter	Pre - Rain	TOTAL
Bago Region	2012-2013	99883.11	23578.09	1172.96	124634.16
	2013-2014	219293.18	35587.58	4641.60	259522.36
	2014-2015	219086.16	17812.90	13812.70	250711.76
	2015-2016	213510.42	15898.72	5672.10	235081.24
	2016-2017	333437.23	14563.73	2263.60	350264.56
Magway Region	2012-2013	24454.14	2718.07	-	27172.21
	2013-2014	44267.88	4772.26	863.60	49903.74
	2014-2015	47260.98	4288.36	1309.50	52858.84
	2015-2016	50858.02	3988.54	1222.70	56069.26
	2016-2017	70807.50	5107.22	1284.70	77199.42
Mandalay Region	2012-2013	37314.83	7926.13	1630.72	46871.68
	2013-2014	67898.14	11768.92	2937.02	82604.08
	2014-2015	70081.72	7694.02	2687.50	80463.24
	2015-2016	66264.84	5834.36	1693.10	73792.30
	2016-2017	93880.11	7826.97	3006.05	104713.13
Mon State	2012-2013	15261.10	1301.38	-	16562.48
	2013-2014	29616.80	2359.16	4.20	31980.16
	2014-2015	29988.30	2418.82	5.70	32412.82
	2015-2016	29421.30	2295.34	4.50	31721.14
	2016-2017	45211.05	3317.26	6.60	48534.91
Rakhine State	2012-2013	18732.80	1111.02	-	19843.82
	2013-2014	45679.90	2308.40	44.60	48032.90
	2014-2015	48862.90	1847.44	48.00	50758.34
	2015-2016	48508.70	1281.30	-	49790.00
	2016-2017	80521.05	1456.66	27.80	82005.51
Yangon Region	2012-2013	52376.92	13893.53	-	66270.45
	2013-2014	97199.10	21033.06	295.30	118527.46
	2014-2015	95605.70	20330.00	329.50	116265.20
	2015-2016	81533.10	17398.42	320.60	99252.12
	2016-2017	123039.45	24718.51	348.10	148106.06
Shan State	2012-2013	8752.29	310.86	1193.60	10256.75
	2013-2014	17405.96	638.88	3914.60	21959.44
	2014-2015	18768.58	579.32	4253.90	23601.80
	2015-2016	10824.22	153.84	2575.20	13553.26
	2016-2017	18337.55	177.73	3966.80	22482.08
Ayeyarwady Region	2012-2013	103443.70	62291.08	-	165734.78
	2013-2014	243563.30	91142.60	-	334705.90
	2014-2015	245477.70	98111.08	-	343588.78
	2015-2016	232461.50	90196.00	-	322657.50
	2016-2017	357984.45	131596.02	-	489580.47

Source: Myanmar Agricultural Development Bank.

TABLE 9.22 SHORT TERM AND LONG TERM LOANS TO CULTIVATORS
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL LOAN	(million Kyat)	3261.21	8897.26	13206.72	3991.88	18707.30	10897.86	10521.92
DRAUGHT CATTLE								
Townships	No.	-	-	-	-	-	-	-
Borrowers	No.	-	-	-	-	-	-	-
Heads	No.	-	-	-	-	-	-	-
Loans	(million Kyat)	-	-	-	-	-	-	-
BULLOCK CARTS								
Townships	No.	-	-	-	-	-	-	-
Borrowers	No.	-	-	-	-	-	-	-
Carts	No.	-	-	-	-	-	-	-
Loans	(million Kyat)	-	-	-	-	-	-	-
PUMP SETS								
Townships	No.	7	32	-	2	-	-	-
Borrowers	No.	25	142	-	12	-	-	-
Unit	No.	25	142	-	12	-	-	-
Loans	(million Kyat)	7.28	68.57	-	5.71	-	-	-
POWER TILLERS								
Townships	No.	136	150	15	9	1	-	-
Borrowers	No.	2474	2847	57	86	1	-	-
Unit	No.	2470	2847	57	86	-	-	-
Loans	(million Kyat)	1911.61	4770.45	76.13	152.42	1.50	-	-
SOLAR-SALT PRODUCTION								
Townships	No.	3	1	1	1	-	-	-
Borrowers	No.	159	107	87	86	-	-	-
Loans	(million Kyat)	75.00	60.00	50.00	50.00	-	-	-
COFFEE								
Townships	No.	-	-	1	-	-	-	-
Borrowers	No.	-	-	1	-	-	-	-
Acre	No.	-	-	-	-	-	-	-
Loans	(million Kyat)	-	-	20.00	-	-	-	-
GREEN TEA								
Townships	No.	4	-	-	-	-	-	-
Borrowers	No.	853	-	-	-	-	-	-
Acre	No.	2234	-	-	-	-	-	-
Loans	(million Kyat)	82.41	-	-	-	-	-	-
THRESHER								
Townships	No.	5	9	1	-	-	-	-
Borrowers	No.	675	26	1	-	-	-	-
Unit	No.	4888	26	1	-	-	-	-
Loans	(million Kyat)	24.44	51.72	1.20	-	-	-	-

TABLE 9.22 SHORT TERM AND LONG TERM LOANS TO CULTIVATORS (concl'd)
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
SPECIAL PROJECT								
Townships	No.	-	1	1	1	1	1	1
Borrowers	No.	-	1	1	1	1	1	1
Loans	(million Kyat)	-	1000.00	3000.00	3000.00	3000.00	3000.00	3000.00
SUGARCANE								
Townships	No.		3	29	-	60	49	40
Borrowers	No.	1	1878	26035	-	70174	38495	29903
Acre	No.	1	15144	92230	-	150810	72828	69084
Loans	(million Kyat)	200.00	151.44	9223.00	-	15081.00	7282.80	6908.40
OIL PALM								
Townships	No.		-	-	-	-	-	-
Borrowers	No.	4	-	-	-	-	-	-
Items	No.	5522	-	-	-	-	-	-
Loans	(million Kyat)	42950.00	-	-	-	-	-	-
GREEN TEA PROCESSING								
Townships	No.	3	5	5	6	5	6	6
Borrowers	No.	6	3573	4347	4159	3197	3118	3117
Acre	No.	-	35310	41320	39165	31240	30753	30676
Loans	(million Kyat)	767.20	706.20	826.40	783.30	624.80	615.06	613.52
ENGINE								
Townships	No.	5	75	6	1	-	-	-
Borrowers	No.	481	787	59	1	-	-	-
Items	No.	4390	787	59	1	-	-	-
Loans	(million Kyat)	43.90	238.96	9.90	0.45	-	-	-
CITRONELLA GRASS								
Townships	No.	-	1	-	-	-	-	-
Borrowers	No.	-	18	-	-	-	-	-
Acre	No.	-	180	-	-	-	-	-
Loans	(million Kyat)	-	2.70	-	-	-	-	-
MAY YU RUBBER PLANTATION								
Townships	No.	2	-	-	-	-	-	-
Borrowers	No.	18	-	-	-	-	-	-
Acre	No.	118	-	-	-	-	-	-
Loans	(million Kyat)	1.77	-	-	-	-	-	-
VEHICLE FOR FARM USE								
Townships	No.	-	83	-	-	-	-	-
Borrowers	No.	-	742	-	-	-	-	-
Acre	No.	-	742	-	-	-	-	-
Loans	(million Kyat)	-	1847.23	-	-	-	-	-
SPECIAL FUND								
Townships	No.	-	-	-	-	-	-	-
Borrowers	No.	-	-	-	-	-	-	-
Loans	(million Kyat)	-	-	-	-	-	-	-
LIVESTOCK LOAN								
Loans	(million Kyat)	-	-	-	-	-	-	-

Source: Myanmar Agricultural Development Bank.

TABLE 9.23 EQUIPMENT FOR PLANT PROTECTION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Commodity	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	12529	10865	426	1053004	1437079	1437079	1437079
Duster (Manual)	1078	965	-	115535	79839	79839	79839
Duster (Power)	22	11	-	44776	124	124	124
Sprayer (Manual)	9821	8474	407	868543	1177529	1177529	1177529
Sprayer (Power)	547	478	7	24150	179587	179587	179587
Mist Blower Duster	403	353	12	-	-	-	-
Others	658	584	-	-	-	-	-

Note: Described Equipment of 2013-2014 are added Government and Private sector.

Source: Department of Agriculture.

TABLE 9.24 AGRICULTURAL EQUIPMENT

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Description	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
IMPLEMENTS	10573	10962	11036	11063	11108	11131	11095
Ploughs	3018	3085	3064	3077	3078	3081	3059
Harrows	3126	3182	3200	3196	3211	3217	3200
Mamooties and Spades	4429	4695	4772	4790	4819	4833	4836
MACHINERIES	875	967	992	1002	1022	1029	1041
Seed Drills (Harrow)	93	94	96	97	98	98	98
Seed Drills (Plough)	21	23	23	23	23	23	23
Rotary Harrows	571	632	628	626	622	622	603
Water Pumps	179	207	232	242	262	267	290
Tractors	11	11	13	14	17	19	27
VEHICLES	1795	1769	1776	1769	1763	1758	1742
Carts	1795	1769	1776	1769	1763	1758	1742

Source: Department of Agricultural Land Management and Statistics.

TABLE 9.25 DISTRIBUTION OF TRACTORS BY STATION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in number

States and Regions	A.T.S		Wheel Tractor						
	No	Location	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Union	Union		2884	2024	1809	1782	2121	2311	2416
Mandalay	63	Amarapura	25	16	16	10	16	14	13
	82	Kyaukpadaung	21	14	14	9	11	8	10
	81	Kyaukse	20	18	12	10	16	16	17
	43	Madaya	20	16	16	11	9	14	23
	66	Mahlaing	20	19	12	8	16	16	13
	25	Meikhtila	25	20	20	12	9	16	16
	6	Myingyan	30	20	20	13	23	22	19
	64	Myittha	79	61	61	61	51	31	50
	44	Nahtogyi	20	17	17	10	6	7	12
	99	Nyaung-Oo	25	16	16	11	13	9	8
	80	Patheingyi	32	20	20	12	9	14	18
	67	Pyawbwe	20	14	8	8	13	17	16
	74	Sintgaing	20	16	13	10	8	18	18
	23	Tada-Oo	20	12	12	7	7	11	12
	26	Thazi	20	16	13	11	11	10	13
	60	Wundwin	25	18	18	18	15	20	23
	28	Yamethin	20	20	12	8	13	18	18
		Total	442	333	300	229	246	261	299
Naypyitaw	68	Tatkone	20	20	18	16	15	18	13
	84	Pyinmana	35	33	7	16	25	28	24
	47	Leiway	30	25	24	27	26	34	23
		Mechanized Farm	-	-	-	-	51	54	37
		Total	85	78	49	59	117	134	97
Magway	10	Aunglan	60	20	13	13	13	21	22
	29	Magwe	40	12	13	12	22	27	12
	8	Minbu	20	12	15	15	15	14	13
	7	Pakokku	27	13	15	17	23	15	13
	46	Pwintphyu	32	16	17	19	29	30	26
	69	Sinbyukyan	30	12	12	12	12	16	14
	71	Taungdwingyi	35	31	18	18	33	31	30
	(Sub)	Gant gaw	20	4	5	4	4	13	12
		Total	279	120	108	110	151	167	142

TABLE 9.25 DISTRIBUTION OF TRACTORS BY STATION (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in number

States and Regions	A.T.S		Wheel Tractor						
	No.	Location	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Sagaing	62	Budalin	14	14	14	10	11	13	12
	39	Chaung Oo	17	11	6	9	9	14	13
	2	Kalay	37	17	18	14	14	24	23
	40	Kantbalu	20	15	10	10	19	12	15
	1	Katha	39	26	26	17	15	25	24
	4	Monywa	23	11	10	15	20	18	13
	59	Myaung	20	13	9	9	13	9	10
	42	Myinmu	15	16	9	7	11	7	10
	5	Sagaing	20	15	9	8	12	10	10
	22	Salingyi	15	17	13	13	5	8	5
	3	Shwebo	24	22	18	18	25	22	18
	61	Wetlet	20	17	10	12	22	21	23
	21	Ye-Oo	35	18	14	13	28	14	18
	41	Yinmabin	20	14	12	12	11	13	10
	(Sub)	Tamu	15	12	5	7	7	10	14
(Sub)	Kawlin	-	7	7	6	6	11	13	
	Total	334	245	190	180	228	231	231	
Kachin	90	Bamaw	20	21	18	15	10	15	14
	93	Hopin	22	13	13	13	19	17	17
	55	Moegaung	21	21	19	19	10	19	19
	79	Myitkyina	28	24	22	22	10	15	15
	(Sub)	Shweku	10	16	10	10	11	11	11
	(Sub)	Moenyin	-	10	8	8	4	6	8
	(Sub)	Putao	-	6	6	6	4	4	7
	(Sub)	Taning	-	15	13	13	5	10	10
	(Sub)	Waingmaw	-	8	7	7	5	10	10
	Total	101	134	116	113	78	107	111	
Shan	92	Kengtung	19	18	18	18	23	23	21
	85	Shwenyaung	39	41	55	58	60	52	59
	65	Aungban	31	20	20	20	20	25	20
	96	Kyaukme	25	25	21	23	25	30	34
	56	Lashio	30	30	23	28	37	36	34
	(Sub)	Tachileik	8	12	12	12	17	14	11
	(Sub)	Kunlone	8	8	6	5	5	7	8
	(Sub)	Nantsan	27	10	11	15	15	13	10
		Total	202	164	166	179	202	200	197

TABLE 9.25 DISTRIBUTION OF TRACTORS BY STATION (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in number

States and Regions	A.T.S		Wheel Tractor						
	No.	Location	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Kayah	86	Loikaw	53	37	37	37	53	45	43
		Total	53	37	37	37	53	45	43
Kayin	20	Hpa-an	26	12	17	20	27	32	36
	(Sub)	Kawtkarate	10	9	5	5	5	8	7
		Total	36	21	22	25	32	40	43
Mon	54	Mawlamyine	28	18	12	12	21	25	29
	88	Thaton	27	15	13	18	24	29	22
	37	Beelin	45	18	16	14	24	23	21
	83	Kyaikhto	23	17	17	13	13	22	20
		Total	143	68	58	57	82	99	92
Ayeyarwady	51	Pathein	22	16	15	18	28	28	21
	33	Danubyu	20	19	17	17	26	26	18
	15	Hinthada	30	17	21	21	21	29	24
	9	Kyaungone	16	15	12	13	13	18	14
	97	Laputta	-	5	5	5	7	12	17
	19	Maubin	28	15	14	14	13	18	20
	53	Mawlamyingu	20	14	8	8	8	13	13
	13	Myanaung	25	15	14	18	24	24	21
	38	Myaungmya	15	13	12	12	12	17	14
	52	Nyaungdon	25	17	16	13	13	17	21
	57	Pantanaw	20	18	15	14	20	19	18
	75	kytelat	15	9	9	9	8	13	18
	78	Wakema	25	18	14	14	14	18	17
	17	Yegyi	29	11	10	15	23	23	24
	49	Zalun	21	11	11	13	12	17	17
	(Sub)	Ainme	15	11	10	11	21	19	11
	(Sub)	Ingapu	15	15	11	14	14	19	24
	(Sub)	Laymyaknar	14	10	12	14	14	18	22
		Total	355	249	226	243	291	348	334
Rakhine	72	Sittwe	35	27	27	24	30	33	31
	89	Kyauktaw	38	26	28	27	45	49	49
	(Sub)	Kyaukphyu	-	5	5	5	5	7	7
		Total	73	58	60	56	80	89	87

TABLE 9.25 DISTRIBUTION OF TRACTORS BY STATION (concl'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in number

States and Regions	A . T . S		Wheel Tractor						
	No.	Location	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Bago	98	Oaktwin	25	18	15	25	32	39	30
	(Sub)	Paung Tle	-	-	-	-	-	-	21
	16	Oakpho	22	11	11	13	13	12	23
	27	Minhla	20	15	13	13	23	23	33
	34	Ohn-hne	25	18	16	14	14	13	25
	50	Waw	31	20	15	10	8	12	13
	12	Nyaunglaybin	25	18	16	13	23	17	16
	70	Kyauktaga	20	10	10	9	11	16	18
	58	Paukkhaung	40	19	20	18	18	18	37
	24	Daik Oo	30	28	25	23	38	30	25
	30	Pyay	61	27	23	23	23	23	58
	45	Nattalin	20	15	17	16	16	16	37
	14	Tharyarwady	35	18	13	19	26	36	35
	32	Gyobingauk	25	16	12	15	25	25	35
	76	Moeyo	25	14	12	12	12	12	25
	11	Taungoo	38	16	15	35	25	25	22
	73	Thanabin	25	20	12	12	12	20	19
	31	Phayagyi	26	12	14	14	14	18	17
	48	Yedashay	39	25	18	14	14	20	21
	87	Phyu	64	26	22	18	20	33	28
94	Thegone	35	26	23	20	20	20	44	
	Total		631	372	322	336	387	428	582
Yangon	35	Htauk kyant	31	16	21	21	24	23	20
	77	Taikkyi	22	17	17	19	27	26	25
	18	Thanlyin	32	31	33	34	39	26	29
	36	Kawhmu	18	9	7	7	5	10	16
	(Sub)	Htantabin	10	5	5	5	3	8	5
		Mobine Station	-	50	55	55	54	42	36
	Total		113	128	138	141	152	135	131
Tanintharyi	91	Dawei	18	10	10	10	15	15	14
	95	Myeik	19	7	7	7	7	12	13
		Total		37	17	17	22	27	27

Note: A.T.S = Agriculture Tractors Stations

Source: Agricultural Mechanization Department.

METHODOLOGY SHEET | **Prices of crops**

Responsible Unit (Service or Structure)	Department of Agriculture
Level of Disaggregation	Union
Study Variables	Prices of selected crops at harvest time
Classification Variables	By type of commodities
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Seasonally
Units	Price of crops
Tables	9.26

TABLE 9.26 PRICES OF SELECTED CROPS AT HARVEST TIME

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in kyat per unit

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
Paddy								
Summer	100 Basket	n.a	350000	330000	426000	441400	579800	552100
Monsoon	100 Basket	n.a	398000	400000	421800	469300	517100	537000
Wheat	Ton	266622	371265	405405	399802	450110	465206	400075
Maize								
Grain	Ton	116072	216454	288605	278384	316654	326124	284144
Cobs	100cobs	3300	3600	11500	6600	9600	11200	13400
Leaf sheath	Ton	139999	311111	183750	183750	183750	-	-
Millet	Ton	87432	259580	224290	317666	354064	352740	316078
Matpe(Black gram)	Ton	395111	664449	462848	551492	732137	1114345	1110627
Pedisein(Green gram)	Ton	406528	704255	559117	705203	853906	1018290	811567
Butter bean	Ton	260034	495241	484697	635443	695351	647797	616123
Bocate(Cow pea)	Ton	287155	432963	413367	436148	514266	712491	744151
Sultani	Ton	245750	303535	428144	481822	454248	497893	574542
Sultapya	Ton	285031	479266	453705	532528	484602	527192	528546
Peboke(Soy bean)	Ton	258844	414592	524516	548921	593840	610680	642733
Gram(Chick pea)	Ton	368463	591095	633845	481247	507863	609083	1040083
Pelun	Ton	290888	670573	477975	411468	493702	649568	753298
Pesingon(Pigeon pea)	Ton	269111	698131	534008	467135	573222	798655	891426
Peyin(Rice bean)	Ton	241888	505226	302921	577183	502662	609517	554878
Pebyugale(Duffin bean)	Ton	217507	492046	351462	492378	573537	627040	680849
Peyyi(Lablab bean)	Ton	341194	750850	707492	710911	757834	833923	844836
Sadawpe(Garden pea)	Ton	473511	509819	671920	664081	747008	774741	876369
Peyazar(Lentil bean)	Ton	298666	857353	643015	643015	684444	941558	637755
Penauk(Krishna mung)	Ton	283111	857353	459296	622592	642444	698130	727196
Peyya(Lima bean)	Ton	262956	383413	551155	562339	579153	599082	652836
Groundnut								
Rain	Ton	395136	674791	906717	944901	938739	1392965	2075942
Winter	Ton	407680	920651	1127768	884318	850483	1159984	2325478
Sesamum								
Early	Ton	529781	991754	1175064	1179188	881481	1749858	1497138
Late	Ton	574103	872663	1147506	1308157	1448450	1570263	1481956

TABLE 9.26 PRICES OF SELECTED CROPS AT HARVEST TIME (concl'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in kyat per unit

Crop	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
Mustard	Ton	343777	588480	614309	781122	667626	753284	907920
Sunflower	Ton	382200	675166	723391	587600	693840	872686	885990
Cotton								
Wagyi	Ton	-	-	497776	497776	528887	528887	673629
Mahlaing 5/6	Ton	-	-	497776	497776	528887	528887	673629
Long staple	Ton	311110	622222	684442	746664	699998	699998	857346
Jute (d)								
Special grade	Ton	55999	236444	-	-	-	404177	404177
First grade	Ton	49778	217778	279900	279900	279900	336814	336814
Second grade	Ton	43555	186667	248800	248800	248880	244956	244956
Third grade	Ton	37333	149333	-	-	-	-	-
Kenaf	Ton	-	118222	186600	202150	306250	(r) 336875	336875
Rubber	Ton	873600	1411200	2204623	2204623	1327774	1344820	4488361
Sugarcane	Ton	7500	18000	30000	30000	30000	30000	47650
Toddy Palm	Ton	622220	703111	560015	435540	497760	673750	857500
Tobacco (Myanmar)	Ton	855552	2082500	1531250	1298500	1612713	1087187	1102500
Tobacco (Virginia)	Ton	622220	1544500	1433250	975713	812788	812788	837288
Betel nut	Ton	1095107	1225000	1163750	1871188	2446650	3193575	3324650
Betel leaves	Ton	622220	2958375	1389150	2032275	2465313	2258900	3435513
Chillies (Dry)	Ton	1175995	1296050	1537375	1590050	2339138	2194588	2976750
Chillies (Green)	Ton	398220	395675	751537	654150	742963	1050438	1245213
Onion	Ton	404443	252350	311763	245000	382813	744188	1047988
Garlic	Ton	572442	1776250	678037	888125	931000	1245212	2342813
Potato	Ton	255110	352188	370562	343613	428750	527975	678650
Coffee	Ton	808886	2450000	2450000	2250937	2358125	2250938	2660088
Tea (Green)	Ton	640886	490000	796250	1304625	1365875	1251338	992250
Coconut	Each	210	400	392	255	311	350	573
Tapioca	Ton	174221	155556	159250	352187	566563	619850	382813
Plantain	Bunch	970	2730	2474	2080	3167	3050	5681
Thanatphet	Ton	395109	322050	367500	382800	1102500	(r) 2143750	2143750
Dhani	100 byits	11200	12500	14700	11500	12000	12500	12300
Fodder (Straw)	100bundle	8500	28300	29000	37500	35000	40000	-

Source: Department of Agriculture.

METHODOLOGY SHEET | **Breeding and Raising**

Responsible Unit (Service or Structure)	Department of Agriculture, Prison Department, Office of the Ministry of Defence, Co-operative Department, Livestock Breeding and Veterinary Department, Department of Fisheries
Level of Disaggregation	Union
Study Variables	Livestock breeding, Raising Crocodile by size
Classification Variables	Cattle, Buffalo, Sheep & Goat, Pig, Duck, Turkey, Geese, Muscovy Duck, Bar-rock, Crocodile by size
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Livestock, Crocodile
Tables	9.27, 9.28

TABLE 9.27 LIVESTOCK BREEDING

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Cattle	12150	13609	14559	15046	15543	16574	16571
Buffalo	2710	2977	3211	3321	3426	3641	3641
Sheep & Goat	2437	4084	5370	6124	6945	8770	8786
Pig	5786	9416	11600	12725	13932	16541	16524
Fowl	84829	156407	196641	219377	244030	296413	296267
Duck	9271	14051	16941	18442	20128	23662	23636
Turkey, Geese, Muscovy Duck and Bar-rock	1439	1751	2182	2441	2735	3466	3455

Sources: 1. Livestock Breeding and Veterinary Department.
 2. Co-operative Department.
 3. Office of the Ministry of Defence.
 4. Department of Agriculture.
 5. Prison Department.

TABLE 9.28 NUMBER OF RAISING CROCODILE BY SIZE

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Size	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	774	501	570	500	517	529	550
1 - feet	305	23	155	75	86	96	116
2 - feet	70	44	37	49	49	40	40
3 - feet	25	75	29	8	10	9	9
4 - feet	61	116	112	77	78	83	77
5 - feet	82	75	77	66	41	25	31
6 - feet	87	33	30	50	48	48	48
7 - feet	54	30	27	65	81	102	102
8 - feet	18	56	54	60	74	75	76
9 - feet	8	20	20	20	20	20	20
10 - feet	26	15	15	15	15	16	16
11 - feet (above)	38	14	14	15	15	15	15

Source: Department of Fisheries.

METHODOLOGY SHEET | Production of Meat, Milk, Egg, Fisheries and Prawns

Responsible Unit (Service or Structure)	Department of Agriculture, Prison Department, Office of the Ministry of Defence, Co-operative Department, Livestock Breeding and Veterinary Department, Department of Fisheries
Level of Disaggregation	Union
Study Variables	Production of Meat, Milk and Eggs, Fish and Prawns, Area of Fish and Prawn Ponds, Leasable Fisheries and Production, Hatcheries and Distribution of Fingerlings
Classification Variables	By type of meat, eggs, milks, fresh water fisheries & marine water fisheries
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Production of Livestock and Fisheries
Tables	9.29, 9.30, 9.31, 9.32,9.33

TABLE 9.29 PRODUCTION OF MEAT, MILK AND EGG

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL MEAT	Thousand Viss	681920	1213699	1399934	1534487	1704161	1831617	1860902
Beef	Thousand Viss	79553	143499	170158	185809	202286	222288	232039
Mutton	Thousand Viss	13328	25685	32478	36381	41342	47967	49414
Pork	Thousand Viss	203153	358451	411823	454542	510902	537105	543818
Fowl meat	Thousand Viss	345731	622112	710893	778318	864560 (r)	935439	946169
Duck meat	Thousand Viss	37425	60118	70259	74872	79180	82492	83072
Turkey, Geese, Muscovy-Duck and Bar-rock	Thousand Viss	2730	3834	4323	4565	5891	6326	6390
TOTAL EGGS	Thousand Number	4395990	7827636	9050382	9871629	10766150	11616515	12318220
Fowl egg	Thousand Number	3962561	7126154	8247644	8990321	9827700	10616122	11295284
Duck egg	Thousand Number	433429	701482	802738	881308	938450	1000393	1022936
MILK	Thousand Viss	601684	981664	1114159	1202147	1325743	1455045	1487912
Fresh Milk <u>a/</u>	Thousand Viss	601684	981664	1114159	1202147	1325743	1455045	1487912

Note: a/ Includes buffaloes milk

Sources: 1. Livestock Breeding and Veterinary Department.
2. Co-operative Department.
3. Office of the Ministry of Defence.
4. Department of Agriculture.
5. Prison Department.

TABLE 9.30 PRODUCTION OF FISH AND PRAWNS BY NATURE OF CATCH

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand viss

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	1580051	2548037	2888192	3091005	3256077	3424413	3475630
Fresh Water Fisheries	738141	1220107	1367083	1436162	1508179	1589222	1616143
Fish Culture	351894	508254	569152	590422	612168	621228	642215
Leasable Fisheries	93447	153025	177593	186438	193127	207411	207742
Open Fisheries	292800	558828	620338	659302	702884	760583	766186
Marine Fisheries	841910	1327930	1521109	1654843	1747898	1835191	1859487
In-shore Fishing	311507	491334	562810	612292	646722	679021	688010
Off-shore Fishing	530403	836596	958299	1042551	1101176	1156170	1171477

Source: Department of Fisheries.

TABLE 9.31 PRODUCTION OF FISH AND PRAWNS BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand viss

State and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	1580051	2548037	2888192	3091005	3256077	3424413	3475630
Kachin State	11742	17906	18562	18997	19432	20771	20210
Kayah State	410	716	806	826	858	942	956
Kayin State	5763	9087	10672	11542	12645	13866	13969
Chin State	457	732	855	1121	1145	1265	1298
Sagaing Region	34878	57264	69204	70704	77844	84625	83142
Tanintharyi Region	471552	703135	819485	918339	983900	1066626	1081248
Bago Region	131013	210346	239130	252782	262178	286910	289324
Magway Region	5470	10080	11045	11130	11170	11351	11380
Mandalay Region	27814	45851	47106	45005	45449	46049	47361
Mon State	90173	165404	172988	174493	174370	170127	172624
Rakhine State	96687	152507	162392	165890	170475	171718	169077
Yangon Region	149619	226238	265357	285840	307376	330951	338004
Shan State	3449	6265	6572	6769	7013	7262 (r)	7370
Ayeyarwady Region	551024	942506	1064018	1124807	1179485	1209259 (r)	1236856
Nay Pyi Taw	-	-	-	2760	2737	2691	2811

Source: Department of Fisheries.

TABLE 9.32 AREA OF FISH AND PRAWN PONDS, LEASABLE FISHERIES AND PRODUCTION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Area of Fish and prawn Ponds	Acre	405855	448608	451535	452165	457538 (r)	479743	489382
Production of Fish and prawn Ponds	Thousand Viss	351894	508254	569152	590422	612168	621228	642215
Total Area of Leased Fisheries	Nos.	3452	3458	3409	3290	3314 (r)	3310 (r)	3299
Production of Leased Fisheries	Thousand Viss	93447	153025	177593	186438	193127	207411	207742

Source: Department of Fisheries.

TABLE 9.33 HATCHERIES AND DISTRIBUTION OF FINGERLINGS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Area of hatcheries	Acre	755	778	779	810	809	809	851
Fingerlings distribution	Thousand Nos	645528	796253	789623	551406	575412	608698	644092
(a)Carp group	Thousand Nos	575043	712371	744045	450600	457972	478002	(r) 532134
(b)A Variety of Fish	Thousand Nos	70485	83882	45578	100806	117440	130696	(r) 111958

Source: Department of Fisheries.

METHODOLOGY SHEET |

Production of Leather, Feather, Pearl, Shell and Honey

Responsible Unit (Service or Structure)	Livestock Breeding and Veterinary Department, Myanma Pearl Enterprise
Level of Disaggregation	Union
Study Variables	Production of Leather, Feather, Pearl and Shell, Honey and Number of Bee Colonies
Classification Variables	Leather, Feather, Pearl and Shell Production, Honey and by Products, Bee Colonies
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Products
Tables	9.34, 9.35, 9.36, 9.37, 9.38

TABLE 9.34 PRODUCTION OF LEATHER (PRIVATE SECTOR)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand pound

Year	Hide and Skin	Skin (Goat and Sheep)
2005-2006	1150	1924
2010-2011	1868	3175
2012-2013	2150	3740
2013-2014	2297	4041
2014-2015	2477	4457
2015-2016	2682	4925
2016-2017	2794	5544

Source: Livestock Breeding and Veterinary Department.

TABLE 9.35 PRODUCTION OF FEATHER (PRIVATE SECTOR)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand

Year	Production
2005-2006	1779
2010-2011	3025
2012-2013	3506
2013-2014	3719
2014-2015	4021
2015-2016	4287
2016-2017	4272

Source: Livestock Breeding and Veterinary Department.

TABLE 9.36 PEARL AND SHELL PRODUCTION

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Year	Pearl (Momme)	Shell (Ton)
2005-2006	177692	85.16
2010-2011	291694	74.62
2012-2013	302543	134.43
2013-2014	351641	160.13
2014-2015	424628	157.01
2015-2016	433612	137.00
2016-2017	512334	160.55

Source: Myanmar Pearl Enterprise.

TABLE 9.37 PRODUCTION OF HONEY AND BY-PRODUCTS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in Pound

Year	Honey	Medicated	Food stuff
2005-2006	968000	98940	385498
2010-2011	3656300	92941	70688
2012-2013	5456511	275220 *	55242 *
2013-2014	6617242	88572 *	11000 *
2014-2015	7860110	80674 *	36410 *
2015-2016	9668110	56188 *	11352 *
2016-2017	8597176	106458 *	12078 *

Note: * Private sector are included from 2012-2013 .

Source: Livestock Breeding and Veterinary Department.

TABLE 9.38 NUMBERS OF BEE COLONIES

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Year	State	Private	Total Bee Colonies
2005-2006	5870	12725	18595
2010-2011	8150	48350	56500
2012-2013	8350	65048	73398
2013-2014	6000	73356	79356
2014-2015	6000	114226	120226
2015-2016	6200	131976	138176
2016-2017	6200	148230	154430

Source: Livestock Breeding and Veterinary Department.

METHODOLOGY SHEET | **Production of Feed Mill Plants and Fishing Gear**

Responsible Unit (Service or Structure)	Livestock Breeding and Veterinary Department, Department of Fisheries
Level of Disaggregation	Union, States and Regions
Study Variables	Production of Feed Mill Plants, Fishing Vessel (off shore), Fishing Vessel (in shore) and Fishing Gear
Classification Variables	Raw feed, complete feed, fishing vessel (off shore), Fishing Vessel (in shore) and Fishing Gear
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Animal Feed Mill Plant, Fishing Gear
Tables	9.39, 9.40

TABLE 9.39 PRODUCTION OF FEED MILL PLANTS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in ton

Plant Name	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Danyingon							
Raw Feed	771	103	45	148	-	-	-
Complete Feed	10048	7473	622	48	-	-	-
Ywathagyi							
Raw Feed	148	34	12	5	-	-	-
Complete Feed	4554	4818	2495	904	-	-	-
Tayaw							
Raw Feed	615	-	-	-	-	-	-
Complete Feed	-	-	-	-	-	-	-
Mandalay							
Raw Feed	1491	1446	1274	45	-	-	-
Complete Feed	971	2407	1155	167	-	-	-
Daik U							
Raw Feed	-	-	-	-	-	-	-
Complete Feed	26807	13181	11266	6106	-	-	-
Hlewga							
Raw Feed	421	5774	817	-	-	-	-
Complete Feed	29996	23541	1512	-	-	-	-
Total							
Raw Feed	3446	7357	2148	198	-	-	-
Complete Feed	72376	51420	17050	7225	-	-	-

Source: Livestock Breeding and Veterinary Department.

TABLE 9.40 FISHING VESSEL (OFF-SHORE), FISHING VESSEL (IN-SHORE) AND FISHING GEAR
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Fishing Vessel (Off-shore)	2022	2592	2874	2889	2892	3041	3153
Fishing Vessel (In-shore)	30460	29371	24914	26222	25631	26414	26716
Fishing Gear (One set of net)	31397	31101	27638	30648	29791	32530 (r)	32916

Note: Non-mechanised fishing vessels
are included in the fishing vessel (in shore)

Source: Department of Fisheries.

METHODOLOGY SHEET | Animal Health Services

Responsible Unit (Service or Structure)	Livestock Breeding and Veterinary Department, Department of Fisheries
Level of Disaggregation	Union, States and Regions
Study Variables	Animal health services by the livestock breeding and veterinary department, Artificial insemination of cow by States and Regions, Animal Feed Requirements, Production of Veterinary Medicine Plant
Classification Variables	Dosages of vaccination, Dosages of treatment, animal feed, medicine plant
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Animal protect
Tables	9.41, 9.42, 9.43, 9.44

TABLE 9.41 ANIMAL HEALTH SERVICES BY THE LIVESTOCK BREEDING AND VETERINARY DEPARTMENT

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand number

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Dosages of vaccination							
Cattle	5659	6527	8808	7571	7100	7366	7522
Pig	681	753	832	848	815	855	733
Fowl	101281	121782	34651	25832	31645	25614	17533
Dosages of treatment							
Cattle	524	699	756	793	873	917	866
Pig	724	830	930	929	1024	1069	1062
Fowl	2038	2458	2438	2099	2651	2336	2498

Source: Livestock Breeding and Veterinary Department.

TABLE 9.42 ARTIFICIAL INSEMINATION OF COW BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	6104	5984	5551	30821	32728	28910	40867
Nay Pyi Taw	-	-	209	1957	2222	1404	1351
Kachin State	-	-	-	99	112	60	355
Kayah State	-	-	-	150	166	74	198
Kayin State	-	-	-	156	253	287	277
Chin State	-	-	-	121	109	112	15
Sagaing Region	66	240	117	2015	1930	1174	2005
Tanintharyi Region	-	-	-	255	184	187	293
Bago Region	311	511	535	2253	4882	4821	5490
Magway Region	74	-	-	1856	1484	448	986
Mandalay Region	3088	2458	2044	9705	6395	2681	5442
Mon State	182	495	438	1026	1347	2030	2344
Rakhine State	-	-	-	89	176	151	93
Yangon Region	2358	2280	2208	9711	12084	14735	19975
Shan State	-	-	-	659	511	295	546
Ayeyarwady Region	25	-	-	769	873	451	1497

Source: Livestock Breeding and Veterinary Department.

TABLE 9.43 ANIMAL FEED REQUIREMENTS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in thousand metric ton

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Straw	16325	18117	19406	19321	20812	21385	22064
Paddy	56	65	72	61	79	82 (r)	86
Broken rice	4470	8462	11123	10458	13305	14183	15451
Bran	1088	1436	1645	1333	1739	1595 (r)	1667
Cow bran	1792	2822	3478	3587	4273	4569 (r)	4955
Prawn dust	476	998	1194	908	1384	1013 (r)	1066
Maize	168	279	371	298	486	345 (r)	381
Oil cake	1009	1878	2159	1987	2471	2289	2407
Chick pea and Pigeon pea bran	70	118	156	191	223	237 (r)	256
Salt	262	333	363	365	416	428 (r)	452

Source: Livestock Breeding and Veterinary Department.

TABLE 9.44 PRODUCTION OF VETERINARY MEDICINE PLANT

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values in kilogram

Year	Dietetic	Therapeutic	Anthelmintic	Egg Promotor	Feed Supplement
2005-2006	19687	14865	270	12614	255066
2010-2011	19118	20829	739	9800	192607
2012-2013	48920	14301	1892	7550	126158
2013-2014	8564	15815	688	9295	137642
2014-2015	1584	3486	265	3088	67458
2015-2016	-	-	-	-	819
2016-2017	-	-	-	-	-

Source: Livestock Breeding and Veterinary Department.



10

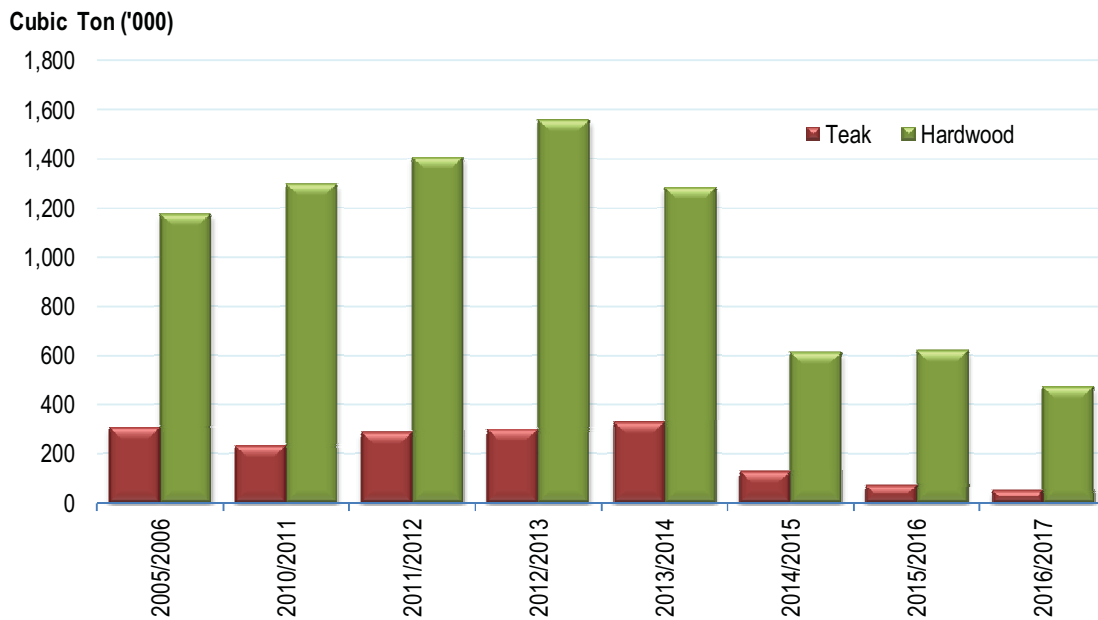
Forestry



Around **42.11%** of devoted total land was **forest** cover area, approximately **110,018 square-miles** in 2016-2017. | **Permanent forest estate** increased by **0.49%** in 2016-2017. | Major forest production was **Teak** and **Hardwood Logs**, with a production of **50,786** and **473,802** cubic tons respectively in 2016-2017. | Working **elephants** used in **timber** extraction increased by **22.5%** in 2016-2017 as compared to the previous period.

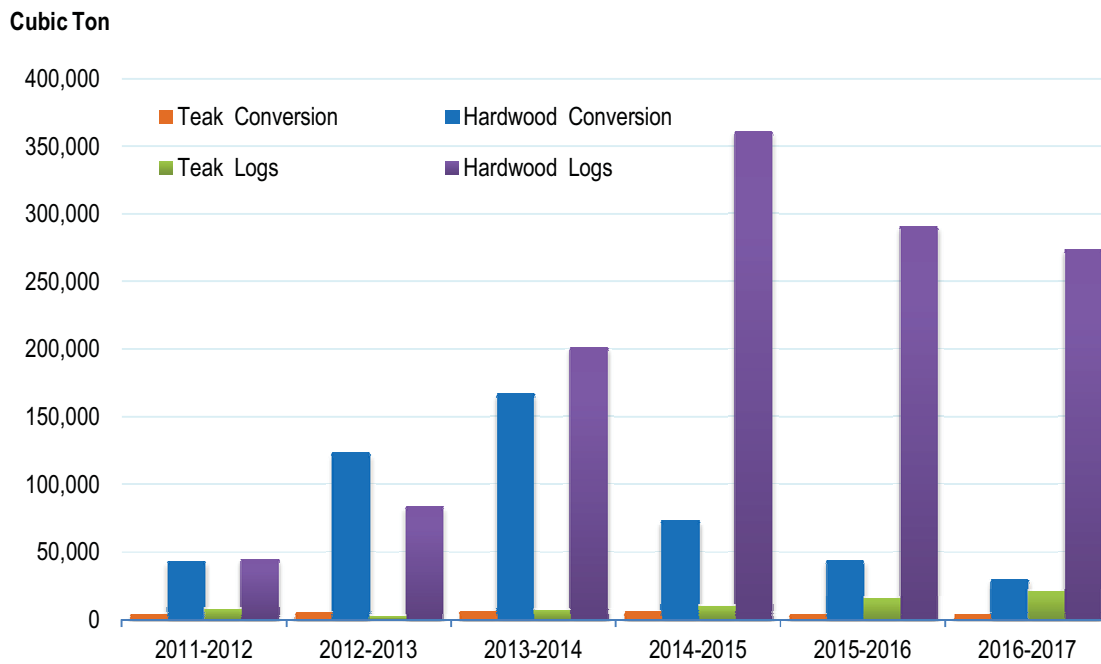


FIGURE 10.1 EXTRACTION OF TEAK AND HARDWOOD LOGS



Source: Myanmar Timber Enterprise

FIGURE 10.2 LOCAL DISTRIBUTION OF TEAK AND HARDWOOD



Source: Myanmar Timber Enterprise

FORESTRY

METHODOLOGY SHEET | **Forest Cover and Permanent Forest**

Responsible Unit (Service or Structure)	Department of Forest
Level of Disaggregation	Union, States and Regions
Study Variables	Total Land Area, Permanent Forest Estate, Reserved Forest, Protected Public Forest, Forest Cover
Classification Variables	Total Land Area, Reserved Forest & Protected Public Forest Area, Protected Area System, Forest Cover Area
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.01, 10.02, 10.03

TABLE 10.01 PERMANENT FOREST ESTATE BY STATES AND REGIONS

Years 2009/2010-2016/2017, absolute values in Square-mile

Name	Location (Region/State)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
Hukaung Valley Wildlife Sanctuary (extension)	Sagaing Region	9 b.Terrestrial	2010	2574.97	Elephant,Tiger,Leopard,Gaur,Sambar, Bear,Wild Boar,Serow,Water birds.
Moscós Islands Wildlife Sanctuary	Taninthayi Region	4.Island Marine	1927	19	Barking deer, Sambar, Swiftlet.
Lampi Islands Marine National Park	Taninthayi Region	7 b.Marine Between N 10° 41' & 10° 59' Between E 98° 04' & 98° 18'	1996	78.95	Coral reefs, Mouse deer, and Salon ethnic culture.
Taninthayi Nature Reserve	Taninthayi Region	5 a.Terrestrial	2005	656.37	Tiger, Gurney's Pitta, Elephant, Tapir.
Moeyungyi Wetland Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	1988	40	Water birds.
North Zamrari Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	2014	379.59	Elephant, Leopard, clouded leopard leopard, Guar, Bear, banteng, Avifauna
Wetthikan Bird Sanctuary	Magwe Region	9 a.Wetland N 20° 00' & E 96° 30'	1939	1.44	Wetland birds.
Shwesettaw Wildlife Sanctuary	Magwe Region	9 a.Terrestrial N 20° 12' & E 94° 35'	1940	179.19	Eld's deer, Sambar, Barking deer, Gaur.
Chung Pon Kun Wildlife Sanctuary	Magwe Region	9 c.Terrestrial N 21° 12' & E 94° 00'	2013	0.85	Myanmar golden deer, Rabbit, Wildcat, Jackal, Avifauna
Shwe-U-Daung Wildlife Sanctuary	Mandalay Region	10 b.Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	22.41	Elephant, Gaur, Banteng, Sambar, Serow, Bear.
Shwe-U-Daung Wildlife Sanctuary	Shan State	10 b. Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	45.53	Elephant, Gaur, Banteng Sambar, Serow, Bear.
Minsontaung Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 28' & E 95° 43'	2001	8.71	Barking deer, Dhole, Reptiles, Tortoise, Wild Cat.
Pyin-O-Lwin Bird Sanctuary	Mandalay Region	10 b.Terrestrial N 22° 00' & E 96° 30'	1927	49.13	Barking deer, Avifauna.
Popa Mountain Park	Mandalay Region	9 a.Terrestrial N 20° 53' & E 95° 15'	1989	49.63	Barking deer, Leopard, Geomorphologic features.
Lawkananda Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 15' & E 94° 47' Between E 97° 01' & 97° 10'	1995	0.18	Avifauna, Cultural diversity.

TABLE 10.01 PERMANENT FOREST ESTATE BY STATES AND REGIONS (cont't)
 Years 2009/2010-2016/2017, absolute values in Square-mile

States and Regions	Year	Total Land Area	Permanent Forest Estate		
			Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
Sagaing Region	2009-2010	36534	11108.96	1630.73	12739.69
	2010-2011	36534	11121.56	4130.51	15252.07
	2011-2012	36534	11273.23	4130.51	15403.74
	2012-2013	36534	11320.86	4130.51	15451.37
	2013-2014	36534	11269.21	4126.92	15396.13
	2014-2015	36534	11479.95	5799.89	17279.84
	2015-2016	36534	11479.73	5799.89	17279.62
	2016-2017(p)	36534	11617.97	5799.89	17417.86
Tanintharyi Region	2009-2010	16736	4855.77	754.45	5610.22
	2010-2011	16736	4854.25	754.46	5608.71
	2011-2012	16736	4939.82	754.46	5694.28
	2012-2013	16736	4936.03	754.46	5690.49
	2013-2014	16736	5300.62	754.46	6055.08
	2014-2015	16736	5299.58	754.46	6054.04
	2015-2016	16736	5293.00	754.32	6047.32
	2016-2017(p)	16736	5293.00	754.32	6047.32
Bago Region	2009-2010	15214	6284.03	40.00	6324.03
	2010-2011	15214	6206.89	40.00	6246.89
	2011-2012	15214	6206.87	40.00	6246.87
	2012-2013	15214	6206.87	40.00	6246.87
	2013-2014	15214	6192.9	40.00	6232.9
	2014-2015	15214	6171.44	419.59	6591.03
	2015-2016	15214	6144.37	419.59	6563.96
	2016-2017(p)	15214	6144.37	419.59	6563.96
Magway Region	2009-2010	17305	4459.43	215.10	4674.53
	2010-2011	17305	4049.39	180.96	4230.35
	2011-2012	17305	4060.00	180.96	4240.96
	2012-2013	17305	4059.87	180.96	4240.83
	2013-2014	17305	4074.73	181.59	4256.32
	2014-2015	17305	4075.48	181.59	4257.07
	2015-2016	17305	4086.21	181.48	4267.69
	2016-2017(p)	17305	4131.44	181.48	4312.92
Mandalay Region	2009-2010	14295	3851.89	187.78	4039.67
	2010-2011	14295	3712.13	130.08	3842.21
	2011-2012	14295	3714.08	130.08	3844.16
	2012-2013	14295	3633.75	130.06	3763.81
	2013-2014	14295	3632.16	130.06	3762.22
	2014-2015	14295	3604.15	175.61	3779.76
	2015-2016	14295	3602.4	175.59	3777.99
	2016-2017(p)	14295	3600.98	175.59	3776.57

TABLE 10.01 PERMANENT FOREST ESTATE BY STATES AND REGIONS (concl'd)

Years 2009/2010-2016/2017, absolute values in Square-mile

States and Regions	Year	Total Land Area	Permanent Forest Estate		
			Reserved Forest & Protected Public Forest Area	Protected Area System (PAS)	Total
Mon State	2009-2010	4748	837.84	69.56	907.4
	2010-2011	4748	832.32	69.56	901.88
	2011-2012	4748	832.31	69.56	901.87
	2012-2013	4748	832.31	69.55	901.86
	2013-2014	4748	829.19	69.05	898.24
	2014-2015	4748	828.26	69.05	897.31
	2015-2016	4748	828.23	68.98	897.21
	2016-2017(p)	4748	828.06	68.98	897.04
Rakhine State	2009-2010	14200	2650.54	677.88	3328.42
	2010-2011	14200	2650.54	677.88	3328.42
	2011-2012	14200	2650.54	677.88	3328.42
	2012-2013	14200	2650.54	677.88	3328.42
	2013-2014	14200	2622.41	677.88	3300.29
	2014-2015	14200	2617.41	677.88	3295.29
	2015-2016	14200	2617.12	677.88	3295.00
	2016-2017(p)	14200	2665.06	677.88	3342.94
Yangon Region	2009-2010	3927	418.31	2.41	420.72
	2010-2011	3927	415.09	2.41	417.5
	2011-2012	3927	415.08	2.41	417.49
	2012-2013	3927	415.04	2.41	417.45
	2013-2014	3927	414.53	2.41	416.94
	2014-2015	3927	413.96	2.41	416.37
	2015-2016	3927	413.87	2.41	416.28
	2016-2017(p)	3927	413.87	2.41	416.28
Shan State	2009-2010	60155	11625.09	475.20	12100.29
	2010-2011	60155	11893.98	474.39	12368.37
	2011-2012	60155	12083.11	474.36	12557.47
	2012-2013	60155	12261.16	474.36	12735.52
	2013-2014	60155	12933.52	438.75	13372.27
	2014-2015	60155	13374.3	392.98	13767.28
	2015-2016	60155	13332.47	383.27	13715.74
	2016-2017(p)	60155	13334.18	383.27	13717.45
Ayeyarwady Region	2009-2010	13567	2780.72	53.12	2833.84
	2010-2011	13567	2780.27	53.12	2833.39
	2011-2012	13567	2780.27	53.12	2833.39
	2012-2013	13567	2780.27	53.12	2833.39
	2013-2014	13567	2479.3	53.12	2532.42
	2014-2015	13567	2341.33	53.12	2394.45
	2015-2016	13567	2341.33	53.12	2394.45
	2016-2017(p)	13567	2386.37	53.12	2439.49

Source: Department of Forest.

TABLE 10.02 RESERVED FOREST AND PROTECTED PUBLIC FOREST AREA

Years 2009/2010-2016/2017, absolute values in Square-mile

Year	RF and PPF Area at the beginning of the year	Extension of RF and PPF Area during the year	RF and PPF Area written off during the year	RF and PPF Area at the end of the year
2009-2010	62802	494	247	63049
2010-2011	63049	630	930	62749
2011-2012	62749	1254	26	63977
2012-2013	63977	395	129	64243
2013-2014	64243	1633	525	65351
2014-2015	65351	193	225	65319
2015-2016	65319	18	85	65252
2016-2017(p.a)	65252	279	2	65529

Notes: RF=Reserved Forest
PPF=Protected Public Forest

Source : Department of Forest.

TABLE 10.03 FOREST COVER STATUS IN MYANMAR

Years 2009/2010-2016/2017, absolute and percentage values

Year	Forest Cover Area (Sq-mile)	Forest Cover Area (% of total land area)
2009-2010	123872	47.42
2010-2011	122677	46.96
2011-2012	120567	46.15
2012-2013	118457	45.34
2013-2014	116347	44.54
2014-2015	114237	43.73
2015-2016	112127	42.92
2016-2017	110018	42.11

Note: 1. Annual Forest Cover is estimated based on the forest cover of 2010 and 2015 and annual Change rate mentioned in FRA 2010 and FRA 2015

2. The forest cover of 2010 is 31773 thousand hectares (122677 sq-mile)

3. The forest cover of 2015 is 29041 thousand hectares (112127 sq-mile)

4. Annual change rate between 2005 and 2010 is (-309.6) thousand hectares or (-1195.38 sq-mile)

5. Annual change rate between 2010 and 2015 is (-546) thousand hectares or (-2110 sq-mile)

6. 2011-2012 to 2014-2015 Forest Cover area (Sq-mile) is estimated based on the annual change rate between 2010 and 2015

Source: Department of Forest.

METHODOLOGY SHEET | **Teak and Hardwood**

Responsible Unit (Service or Structure)	Myanma Timber Enterprise
Level of Disaggregation	Union, States and Regions
Study Variables	Extraction, Processing, Production, Distribution
Classification Variables	Teak and Hardwood (Logs, Sawn Timber), Extraction, Processing, Production, Distribution
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Myanma Timber Enterprise Resources
Tables	10.04, 10.05, 10.06, 10.07, 10.08, 10.09

TABLE 10.04 TEAK AND HARDWOOD LOGS EXTRACTION BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Cubic Ton

States and Regions	Description	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017(p)
UNION TOTAL	Total	1484060	1530402	1858187	1613739	741747	692066	524588
	Teak	307060	232517	300083	329315	128220	70826	50786
	Hardwood	1177000	1297885	1558104	1284424	613527	621240	473802
Kachin State	Total	69771	161196	92078	2181	19975	24835	12158
	Teak	2298	684	480	-	2011	448	117
	Hardwood	67473	160512	91598	2181	17964	24387	12041
Kayah State	Total	3574	9438	17872	24141	18414	4126	12449
	Teak	-	2390	6490	9555	9882	2170	8422
	Hardwood	3574	7048	11382	14586	8532	1956	4027
Kayin State	Total	11524	10997	12019	12700	1518	1610	1597
	Teak	4389	362	519	254	30	50	-
	Hardwood	7135	10635	11500	12446	1488	1560	1597
Chin State	Total	2797	4864	3505	1406	8389	6696	3201
	Teak	-	-	-	-	873	1082	1349
	Hardwood	2797	4864	3505	1406	7516	5614	1852
Sagaing Region	Total	356278	465309	636969	455357	288518	342113	285071
	Teak	61978	38310	46470	61173	29072	24290	12135
	Hardwood	294300	426999	590499	394184	259446	317823	272936
Tanintharyi Region	Total	31349	29333	129867	176219	54431	32281	26752
	Teak	-	-	-	3	-	-	-
	Hardwood	31349	29333	129867	176216	54431	32281	26752
Bago Region	Total	361579	276483	412640	293416	92678	56744	20014
	Teak	59379	37072	84486	48195	16233	6794	4187
	Hardwood	302200	239411	328154	245221	76445	49950	15827

TABLE 10.04 TEAK AND HARDWOOD LOGS EXTRACTION BY STATES AND REGIONS (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Cubic Ton

States and Regions	Description	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017(p)
Magway Region	Total	65263	47396	42034	47765	23663	21990	13487
	Teak	1532	1030	1742	6986	2854	2065	1884
	Hardwood	63731	46366	40292	40779	20809	19925	11603
Mandalay Region	Total	257708	261464	251752	342526	150269	104862	87835
	Teak	135006	103124	128280	138152	44209	12323	14916
	Hardwood	122702	158340	123472	204374	106060	92539	72919
Nay Pyi Taw	Total	-	-	29168	25879	9850	7257	5094
	Teak	-	-	4480	2451	1075	330	489
	Hardwood	-	-	24688	23428	8775	6927	4605
Mon State	Total	12450	10737	16084	12954	5202	4006	1100
	Teak	-	-	21	-	4	4	-
	Hardwood	12450	10737	16063	12954	5198	4002	1100
Rakhine State	Total	17767	14599	13055	20038	4172	4431	6093
	Teak	-	-	232	-	330	295	3
	Hardwood	17767	14599	12823	20038	3842	4136	6090
Yangon Region	Total	-	-	-	-	-	-	-
	Teak	-	-	-	-	-	-	-
	Hardwood	-	-	-	-	-	-	-
Shan State	Total	209831	177134	153389	140921	52762	52628	32682
	Teak	41238	49341	26397	62483	21632	20975	7282
	Hardwood	168593	127793	126992	78438	31130	31653	25400
Ayeyarwady Region	Total	84169	61452	47755	58236	11906	28487	17055
	Teak	1240	204	486	63	15	-	2
	Hardwood	82929	61248	47269	58173	11891	28487	17053

Source: Myanma Timber Enterprise.

TABLE 10.05 PROCESSING OF TEAK AND HARDWOOD LOGS EXTRACTION
Years 2009/2010-2016/2017, absolute values in Cubic Ton

Year	Teak				Hardwood			
	Felling	Input	Outturn	Arrival	Felling	Input	Outturn	Arrival
2009-2010	208624	299791	300866	201312	1562697	1467854	1467854	1447656
2010-2011	287807	262282	263817	232517	1501100	1341328	1341328	1297885
2011-2012	263982	269811	270938	287293	1506390	1573798	1572798	1405115
2012-2013	258124	269313	269516	300083	1478221	1597798	1597798	1558104
2013-2014	176676	180751	180751	329315	761853	846248	846248	1284424
2014-2015	81930	72736	72736	128220	695775	670722	670722	613527
2015-2016	58737	79366	79366	70826	650986	658055	658055	621240
2016-2017(p.a)	24	6159	6159	50786	550	13154	13154	473802

Source: Myanma Timber Enterprise.

TABLE 10.06 PRODUCTION AND DISTRIBUTION OF TEAK

Years 2009/2010-2016/2017, absolute values in Cubic Ton

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Teak (Logs)								
Production	453047	497506	506889	467025	429550	265655	201705	146900
Opening Stock at saw mills	251735	264989	219596	166942	100235	6285	66180	62534
Arrival at mills during the year*	201312	232517	287293	300083	329315	128220	70826	50786
Border trade	-	-	-	-	-	-	-	-
Others**	-	-	-	-	-	131150	64699	33580
Distribution during the year	453047	497506	506889	467025	429550	265655	201705	146900
Saw mills	17964	25646	35262	26297	35624	16949	14400	11013
Local sales	1876	1142	566	1923	6891	9726	15789	21110
Export	163146	229381	285544	309054	367376	172800	108982	35224
Border trade	-	-	-	-	-	-	-	-
Others**	5072	21741	18575	29516	13374	-	-	-
Stock	264989	219596	166942	100235	6285	66180	62534	79553
Teak (Sawn Timber)								
Production	13565	20714	34151	34644	36351	27088	21846	13547
Opening Stock at saw mills	3255	6657	14313	22009	19874	19972	9451	6495
Sawn timber during the year	10310	14057	19838	12635	16477	7116	5959	4684
Others**	-	-	-	-	-	-	6436	2368
Distribution during the year	13565	20714	34151	34644	36351	27088	21846	13547
Local sales	3293	2361	5216	4831	5770	5592	3506	3320
Export	3615	4040	6926	9939	10609	8888	11845	4407
Others**	-	-	-	-	-	3157	-	-
Stock	6657	14313	22009	19874	19972	9451	6495	5820

Note: * Includes timber at terminal depot

**Adjusted Stock

Source: Myanmar Timber Enterprise.

TABLE 10.07 PRODUCTION AND DISTRIBUTION OF HARDWOOD

Years 2009/2010-2016/2017, absolute values in Cubic Ton

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Hardwood (Logs)								
Production	1756588	1642785	1722173	1745559	1691772	982706	779593	666057
Opening Stock at saw mills	171769	179915	95858	187455	67459	44311	105283	152825
Arrival at mills during the year*	1447656	1297885	1405115	1558104	1284424	613527	621240	473802
Border trade	-	-	-	-	-	-	-	-
Others**	137163	164985	221200	-	339889	324868	53070	39430
Distribution during the year	1756588	1642785	1722173	1745559	1691772	982706	779593	666057
Saw mills	433979	394538	352785	227799	242827	77600	73396	26326
Local sales	52277	73875	169304	84366	201419	360732	290715	273900
Local sales for US\$	698364	761754	850619	871062	1118540	422179	262657	243942
Wood Base Industries	80499	71283	61760	61587	84675	16912	-	-
Raw For Industry	36072	37881	-	-	-	-	-	-
Others**	275782	207596	100250	433286	-	-	-	-
Stock	179615	95858	187455	67459	44311	105283	152825	121889
Hardwood (Sawn Timber)								
Production	324721	303753	262904	184846	201313	82779	57332	35922
Opening Stock at saw mills	26673	36772	29591	41686	52836	31261	8332	13329
Sawn timber during the year	276154	259010	221218	142663	147675	49105	44490	16379
Others**	21894	7971	12095	497	802	2413	4510	6214
Distribution during the year	324721	303753	262904	184846	201313	82779	57332	35922
Local sales	216530	236406	185039	122952	167082	72932	43605	29523
Local sales for US\$	-	-	-	-	-	-	395	1356
Export	202	470	537	973	1232	1515	-	50
Others**	71217	37286	35642	8085	1738	-	3	-
Stock	36772	29591	41686	52836	31261	8332	13329	4993

Note: * Include timber at terminal deport

** Adjusted Stock

Source: Myanmar Timber Enterprise.

TABLE 10.08 TEAK AND HARDWOOD MILLING THROUGHPUT AND OUTTURN BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Cubic Ton

States and Regions	Description	2005-2006		2010-2011		2012-2013		2013-2014	
		Teak	Hardwood	Teak	Hardwood	Teak	Hardwood	Teak	Hardwood
UNION TOTAL	Throughput	10779	375534	25746	410000	26197	208021	37115	242827
	Outturn	4966	222489	14057	259010	12635	142663	16477	147675
Kachin State	Throughput	-	9919	-	26682	-	4424	-	252
	Outturn	-	5176	-	15788	-	2899	-	172
Kayah State	Throughput	-	3685	51	8407	-	3130	-	929
	Outturn	-	2031	26	2880	-	2204	-	575
Kayin State	Throughput	-	1488	-	-	-	-	-	-
	Outturn	-	797	-	-	-	-	-	-
Chin State	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Sagaing Region	Throughput	3037	42852	730	70685	1347	38221	2095	43258
	Outturn	1345	25596	382	48684	759	26480	1009	26543
Tanintharyi Region	Throughput	-	-	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-	-	-
Bago Region	Throughput	1877	136938	4388	112381	3334	79713	7573	105547
	Outturn	783	83516	2604	71422	1929	54313	3447	63022
Magway Region	Throughput	11	35023	-	26282	-	18363	-	20887
	Outturn	4	17914	-	16470	-	12045	-	12303
Mandalay Region	Throughput	1421	82623	1569	80738	847	16352	943	24478
	Outturn	693	50718	1039	31655	512	12009	472	15285
Nay Pyi Taw	Throughput	-	-	-	-	-	15809	50	17448
	Outturn	-	-	-	13907	-	10643	22	10551
Mon State	Throughput	-	2370	-	925	-	1149	-	1136
	Outturn	-	1366	-	852	-	700	-	693
Rakhine State	Throughput	-	9668	-	8223	-	5067	-	4781
	Outturn	-	5518	-	5198	-	3328	-	2907
Yangon Region	Throughput	4433	2770	18944	15016	20669	6476	26454	7030
	Outturn	2141	1453	9971	14673	9435	5148	11527	5268
Shan State	Throughput	-	12371	-	26971	-	10432	-	8566
	Outturn	-	6730	-	17667	-	7179	-	5221
Ayeyarwady Region	Throughput	-	35827	64	33690	-	8885	-	8515
	Outturn	-	21674	35	19814	-	5715	-	5135

TABLE 10.08 TEAK AND HARDWOOD MILLING THROUGHPUT AND OUTTURN BY STATES AND REGIONS (concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Cubic Ton

States and Regions	Description	2014-2015		2015-2016		2016-2017(p)	
		Teak	Hardwood	Teak	Hardwood	Teak	Hardwood
UNION TOTAL	Throughput	16949	77600	14400	73396	11013	26326
	Outturn	7116	49105	5959	44490	4684	16379
Kachin State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Kayah State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Kayin State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Chin State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Sagaing Region	Throughput	675	17735	621	15944	582	6104
	Outturn	318	11001	283	9336	315	3566
Tanintharyi Region	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Bago Region	Throughput	2017	33665	1684	30567	346	7678
	Outturn	1028	20755	840	18741	161	4678
Magway Region	Throughput	-	1461	-	5045	-	-
	Outturn	-	881	-	3004	-	-
Mandalay Region	Throughput	566	11732	475	8816	454	7250
	Outturn	283	7460	275	5525	276	4857
Nay Pyi Taw	Throughput	96	6561	93	8327	193	3874
	Outturn	43	3992	40	5039	83	2374
Mon State	Throughput	-	-	-	-	-	-
	Outturn	-	-	-	-	-	-
Rakhine State	Throughput	-	186	-	500	-	-
	Outturn	-	106	-	304	-	-
Yangon Region	Throughput	13595	5610	11527	3997	9438	1420
	Outturn	5444	4520	4521	2406	3849	904
Shan State	Throughput	-	650	-	-	-	-
	Outturn	-	390	-	-	-	-
Ayeyarwady Region	Throughput	-	-	-	200	-	-
	Outturn	-	-	-	135	-	-

Source: Myanmar Timber Enterprise.

TABLE 10.09 LOCAL DISTRIBUTION OF TEAK AND HARDWOOD

Years 2009/2010-2016/2017, absolute values in Cubic Ton and Sheet

Description	Unit	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p.a)
Teak Conversion	Cubic Ton	3293	1928	3704	4849	5770	5592	3506	3320
Hardwood Conversion	Cubic Ton	216530	202906	43392	122952	167082	72932	43605	29523
Teak Logs	Cubic Ton	1876	1076	7318	1923	6891	9726	15789	21110
Hardwood Logs	Cubic Ton	52277	59979	44789	83652	201419	360732	290715	273900
Plywood	Sheet	62380	64958	67906	104919	179752	81802	84246	19360

Source: Myanma Timber Enterprise.

METHODOLOGY SHEET | **Establishment of plantation ,Conservation of Natural Forest in Dry Zone, Utilization of Fuelwood Substitute Energy**

Responsible Unit (Service or Structure)	Department of Forest, Department of Dry Zone
Level of Disaggregation	Regions
Study Variables	Establishment of plantation in Dry Zone, Conservation of natural forest, Utilization of Fuelwood Substitute Energy
Classification Variables	Establishment of Forest plantation, Plantation in Dry Zone, Conservation of natural forest, Utilization of Fuelwood Substitute Energy in Dry Zone
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources, Dry Zone Greening Resources
Tables	10.10, 10.11, 10.12, 10.13, 10.14

TABLE 10.10 ESTABLISHMENT OF FOREST PLANTATION

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Acre

Description	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	82042	37065	15400	15000	8000	4900	7600
COMMERCIAL PLANTATION	42217	34250	13550	13325	7100	3850	5700
Teak	37077	30885	12300	11900	6150	2750	4600
Hardwood Group 1	4190	2415	850	825	600	1100	1100
a.Pyinkadoe	4190	2115	700	575	500	600	500
b.Padauk	-	300	150	250	100	300	200
Others	-	-	-	-	-	-	-
Pinus Species	950	950	400	600	350	200	400
LOCAL SUPPLY PLANTATION	10425	2265	1000	1100	600	700	1000
Fuel Wood	10425	-	-	-	-	-	-
Mangrove	-	2265	1000	1100	600	700	1000
INDUSTRIAL PLANTATION	7400	-	-	-	-	-	-
Euclyptus Species	5400	-	-	-	-	-	-
Bamboo	-	-	-	-	-	-	-
Tung Oil Tree	2000	-	-	-	-	-	-
WATERSHED PLANTATION	22000	550	850	575	300	350	900

Source: Department of Forest.

TABLE 10.11 ESTABLISHMENT OF PLANTATION IN DRY ZONE

Years 2009/2010-2016/2017, absolute values in Acre

Region	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	21525	17307	12000	7400	7000	5000	5000	4900
Sagaing Region	3200	3500	2700	1600	1500	1000	1000	1000
Mandalay Region	4925	4750	2800	1700	2000	1500	1500	1400
Magway Region	13400	9057	6500	4100	3500	2500	2500	2500

Source: Department of Dry Zone.

TABLE 10.12 ESTABLISHMENT OF PLANTATION IN DRY ZONE BY TYPE
Years 2009/2010-2016/2017, absolute values in Acre

Description	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	21525	17307	12000	7400	7000	5000	5000	4900
Village Fuel wood Plantation	10150	9295	5600	4100	3650	3000	3000	2900
Watershed Plantation	6475	6562	3600	1600	1200	650	850	850
Research Plantation	-	-	-	-	-	-	-	-
Mountain Plantation	1450	1450	1000	900	1300	1000	800	800
Others	3450	-	1800	800	850	350	350	350

Note: Watershed Plantation is Exclusive of Dam/ Reservoir

Source: Department of Dry Zone.

TABLE 10.13 CONSERVATION OF NATURAL FOREST IN DRY ZONE
Years 2009/2010-2016/2017, absolute values in Acre

Region	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	120,000	120,000	80,000	80,000	50,000	50,000	50,000	37,000
Sagaing Region	22,000	22,000	15,000	16,000	7,000	10,000	10,000	7,000
Mandalay Region	17,500	17,500	11,000	18,000	8,000	15,000	15,000	10,000
Magway Region	80,500	80,500	54,000	46,000	35,000	25,000	25,000	20,000

Source: Department of Dry Zone.

TABLE 10.14 UTILIZATION OF FUELWOOD SUBSTITUTE ENERGY IN DRY ZONE
Years 2009/2010-2016/2017, absolute values

Item	Unit	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Improved Stoves	No.	13639	8009	9541	10089	11656	9645	15668	17525
Briquettes	No.	4052300	4045000	2542755	2599472	4328786	4612435	3869151	4240239
Farm Waste	Ton	15035	15000	21008	20802	21410	115948	157247	156445

Source: Department of Dry Zone.

METHODOLOGY SHEET | **Plantation of Teak and Hardwood Trees**

Responsible Unit (Service or Structure)	Department of Forest
Level of Disaggregation	Union
Study Variables	Plantation of Teak and Hardwood Trees
Classification Variables	Number of trees, Area
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.15, 10.16

TABLE 10.15 PLANTATION OF TEAK TREES

Years 2009/2010-2016/2017, absolute values

Description	Unit	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Area & number of trees at the beginning of the year									
Number of trees	Thousand No.	37180	38728	40118	41223	41777	42311	42588	42712
Area	Acre	826216	860616	891501	916051	928351	940251	946401	949151
Area & trees planted during the year									
Number of trees	Thousand No.	1548	1390	1105	554	536	277	124	207
Area	Acre	34400	30885	24550	12300	11900	6150	2750	4600
Area & trees planted at the end of the year									
Number of trees	Thousand No.	38728	40118	41223	41777	42311	42588	42712	42919
Area	Acre	860616	891501	916051	928351	940251	946401	949151	953751
Thinnings undertaken during the year	Acre	-	-	-	-	-	-	-	-

Note: Include teak & hardwood thinnings undertaken during the Year

Source: Department of Forest.

TABLE 10.16 PLANTATION OF HARDWOOD TREES
Years 2009/2010-2016/2017, absolute values

Description	Unit	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Area & number of trees at the beginning of the year									
Number of trees	Thousand No.	53551	54487	54765	54965	55105	55195	55251	55316
Area	Acre	1190030	1210830	1217010	1221460	1224560	1226560	1227810	1229260
Area & trees planted during the year									
Number of trees	Thousand No.	936	278	200	140	90	56	65	90
Area	Acre	20800	6180	4450	3100	2000	1250	1450	2000
Area & trees planted at the end of the year									
Number of trees	Thousand No.	54487	54765	54965	55105	55195	55251	55316	55406
Area	Acre	1210830	1217010	1221460	1224560	1226560	1227810	1229260	1231260
Thinnings undertaken during the year	Acre	-	-	-	-	-	-	-	-

Note: Include teak & hardwood thinnings undertaken during the Year

Source: Department of Forest.

METHODOLOGY SHEET | Girdling and Green Teak Marking, Forest Operations

Responsible Unit (Service or Structure)	Department of Forest
Level of Disaggregation	Union, States and Regions
Study Variables	Girdling and Green Teak Marking, Selected Felling Marking, Artificial Regeneration, Natural Regeneration, Improvement Felling, Weeding, Thinning, Climber Cutting, Repair of Reserve boundary, Repair of Compt boundary, Fire Protection, Reservation
Classification Variables	Girdling and Green Teak Marking, Forest Operations
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.17, 10.18

TABLE 10.17 GIRDLING AND GREEN TEAK MARKING BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017(p)
UNION TOTAL	187131	129518	103541	147935	40221	36979	8177
Kachin State	21927	-	-	-	397	1612	1000
Kayah State	3794	2185	-	-	429	334	0
Kayin State	3384	333	-	25	-	-	-
Chin State	8147	6609	5245	4535	1746	2050	-
Sagaing Region	32880	34333	48847	83279	17506	21001	3720
Bago Region	39535	43147	15360	23221	3890	2759	-
Magway Region	10527	13885	13520	14568	1693	2457	1200
Mandalay Region	8264	464	-	-	-	-	-
Nay Pyi Taw	-	-	8025	326	130	99	-
Rakhine Region	-	-	9240	-	-	-	-
Yangon Region	-	-	-	-	-	-	-
Shan State	57933	28237	3304	21981	14430	6667	2257
Ayeyarwady Region	740	325	-	-	-	-	-

Source: Department of Forest.

TABLE 10.18 FOREST OPERATIONS

Years 2009/2010-2016/2017, absolute values

Categories	Unit	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017(p)
Girdling & GT Marking	Tree	133440	132076	109128	104233	147935	40221	38295	8177
SF Marking	Tree	685884	827025	867923	548053	310245	281781	275773	104682
Artificial Regeneration	Acre	55200	37065	29000	15400	15000	8000	4900	7600
Natural Regeneration	Acre	44985	47445	45619	41170	21315	40534	38155	37114
Improvement Felling	Acre	19725	28229	16684	14526	10813	7832	6705	6227
Weeding	Acre	306745	256780	197482	136890	102191	44368	41939	36364
Thinning	Acre	15087	10729	9753	9611	12702	9979	11570	12964
Climber Cutting	Acre	248595	260560	245328	262440	171755	143890	209984	420104
Repair of Forest Road	ML	1405	1261	1400	1369	1398	1400	1321	1390
Repair of Reserve Boundary	ML	1287	1188	1265	1287	1350	1512	1580	1552
Repair of Compt Boundary	ML	1265	1180	1215	1232	1205	1396	1545	1570
Fire Protection	Acre	311446	250312	230595	189045	145667	80363	59916	42344
Reservation	Sq.ML	90	2315	1685	911	1633	183	15	193

Notes: GT = Green Teak
SF = Selected Felling

Source: Department of Forest.

METHODOLOGY SHEET | **Minor Forest Products**

Responsible Unit (Service or Structure)	Department of Forest, Department of Co-operative, Department of Agriculture
Level of Disaggregation	Union
Study Variables	Production of Firewood, Charcoal, Bamboo, Rattan, Cutch, Indwe-Pwenyet, Kanyin Resin, Turpentine, Dani-Thetke, Honey, Bees-wax, Bat's Guano, Orchids, Edible Bird's Nest, Lac
Classification Variables	Production of Minor Forest Products
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.19

TABLE 10.19 PRODUCTION OF MINOR FOREST PRODUCTS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Description	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017(p)
Firewood	(000) Cu-Ton	20544	20683	22747	23020	23320	20911	21001
Charcoal	(000) Cu-Ton	233	212	217	229	231	233	180
Bamboo	(000) No	1185137	1346156	1273018	1291093	1308804	1213301	1164285
Rattan	(000) No	52308	38506	40133	37690	40944	35769	32062
Cutch	(000) Viss	334	406	365	336	172	153	179
Indwe-Pwenyet	(000) Viss	299	233	221	230	258	260	198
Kanyin Resin	Viss	650	650	650	660	665	675	470
Turpentine	(000) Viss	-	45	0.7	0.1	13	0.6	2
Dani-Thetke	(000) Byit	967084	1064007	1003902	1022295	1037315	932263	920010
Honey	(000) Viss	28	43	49	50	51	50	47
Bees-wax	Viss	1255	1120	1101	1128	1147	1193	2683
Bat's Guano	(000) Viss	428	351	360	366	337	379	203
Orchids	(000) No	30	24	20	15	22	20	-
Edible Bird's Nest	Viss	686	1376	1622	1702	1550	1512	1365
Lac	(000) Viss	47	116	102	80	81	66	41
Barks	(000) Viss	-	1417	1362	1300	1298	1227	925
Thanatkha	(000) Viss	-	283	283	284	270	249	163
Jute	(000) Viss	-	83	61	73	81	77	30
Bastard sandal Wood	(000) Viss	-	5	4	7	4	8	2
Cardanon	(000) Viss	-	498	1118	1069	1016	58	85
Serpent wood	(000) Viss	-	32	27	31	31	31	27
Lacquer	(000) Viss	-	31	31	31	32	33	31

Sources: 1. Department of Forest.
2. Department of Co-operative.
3. Department of Agriculture.

METHODOLOGY SHEET | Existing Protected Areas in Myanmar

Responsible Unit (Service or Structure)	Department of Forest
Level of Disaggregation	States and Regions
Study Variables	Existing Protected Areas
Classification Variables	Wildlife Sanctuary, National Park
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.20

TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR

Years 2016/2017, absolute values

Name	Location (Region/State)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
Pidaung Wildlife Sanctuary	Kachin State	Terrestrial N 25° 15' & 25° 35', Between E 97° 14' & 97° 20'	1927	47.13	Gaur,Banteng, Sambar,Leopard, Bear.
Hkakaborazi National Park	Kachin State	H d . Terrestrial N 28° 05' & E 97° 44'	1998	1472	Takin, Musked deer, Red goral, Black barking deer,Avifauna,Orchids.
Indawgyi Wildlife Sanctuary	Kachin State	9 a. Wetland / Lake Between N 24° 56' & 25° 24' Between E 96° 0' & 96° 39'	2004	314.67	Elephant, Sambar deer, Leopard, Bear, Serow, Gaur,migratory and Residence birds.
Hukaung Valley Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 26° 17'& E 97° 41'	2004	2460	Elephant,Tiger, Leopard, Gaur, Sambar, Bear, Wildboar, Serow, Birds.
Bumphabum Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 26° 29'& E 97° 31'	2004	716	Elephant, Gaur,Serow, Leopard, Clouded Leopard, Golden cat, Jackal, Goral, Macaques, Civets, Bear, Avifauna.
Hponkanrazi Wildlife Sanctuary	Kachin State	9 b.Terrestrial N 27° 30'& E 97° 43'	2003	1044	Barking deer,Avifauna, Red Goral,Gibbon, Wild dogs, Mongooses.
Inkhainbon National Park	Kachin State	9 b.Terrestrial N 27° 30'& E 97° 43'	2017	116.03	Leopard, Gaur,Sambar, Hog Deer, Leaf Deer, Red Serow, Bear, Wild Cats, Monkeys, Wild Boar, Birds, Snakes, Aquatic fauna
Kahilu Wildlife Sanctuary	Kayin State	4.Terrestrial N 17° 3'& E 97° 6'	1928	62	Serow, Hog deer.
Mulayit Wildlife Sanctuary	Kayin State	10 a.Terrestrial N 16° 7'& E 98° 30'	1935	53.5	Leopard,Barking deer,Wild cats.
Natmataung National Park	Chin State	9 c.Terrestrial N 21° 12'& E 94° 00'	2010	275.35	Gaur, Serow, Goral and White browed Nuthatch.
Kyauk Pan Taung Wildlife Sanctuary	Chin State	9 c.Terrestrial N 21° 12'& E 94° 00'	2013	50.43	Serow,Goral,sambar,leopard, Wild cats,Barking deer,Wildboar
Chatthin Wildlife Sanctuary	Sagaing Region	9 a.Terrestrial N 23° 36'& E 95° 32'	1941	100.41	Eld's deer, Sambar, Barking deer.
Minwuntaung Wildlife Sanctuary	Sagaing Region	9 a.Terrestrial N 22° 2'& E 95° 58'	1971	79.49	Barking deer, Avifauna.
Htamanthi Wildlife Sanctuary	Sagaing Region	9 b.Terrestrial N 25° 26'& E 95° 37'	1974	830.40	Elephant, Gaur,Tiger.
Alaungdaw Katthapa National Park	Sagaing Region	9 a.Terrestrial N 22° 30'& E 94° 20'	1989	541.62	Elephant, Leopard,Gaur, Sambar, Serow, Bear.
Hukaung Valley Wildlife Sanctuary (extension)	Kachin State	9 b.Terrestrial	2010	1673	Elephant, Tiger, Leopard, Gaur, Sambar , Bear, Wild boar, Serow,Water birds.

TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR (cont'd)
Years 2016/2017, absolute values

Name	Location (Region/State)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
Hukaung Valley Wildlife Sanctuary (extension)	Sagaing Region	9 b.Terrestrial	2010	2574.97	Elephant,Tiger,Leopard,Gaur,Sambar, Bear,Wild Boar,Serow,Water birds.
Moscós Islands Wildlife Sanctuary	Taninthayi Region	4.Island Marine	1927	19	Barking deer, Sambar, Swiftlet.
Lampi Islands Marine National Park	Taninthayi Region	7 b.Marine Between N 10° 41' & 10° 59' Between E 98° 04' & 98° 18'	1996	78.95	Coral reefs, Mouse deer,and Salon ethnic culture.
Taninthayi Nature Reserve	Taninthayi Region	5 a.Terrestrial	2005	656.37	Tiger, Gurney's Pitta,Elephant, Tapir.
Moeyungyi Wetland Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	1988	40	Water birds.
North Zamrari Wildlife Sanctuary	Bago Region	4.Wetland reservoir N 17° 34' & E 96° 35'	2014	379.59	Elephant,Leopard,clouded leopard leopard,Guar,Bear,banteng, Avifauna
Wetthikan Bird Sanctuary	Magwe Region	9 a.Wetland N 20° 00' & E 96° 30'	1939	1.44	Wetland birds.
Shwesettaw Wildlife Sanctuary	Magwe Region	9 a.Terrestrial N 20° 12' & E 94° 35'	1940	179.19	Eld's deer, Sambar, Barking deer, Gaur.
Chung Pon Kun Wildlife Sanctuary	Magwe Region	9 c.Terrestrial N 21° 12' & E 94° 00'	2013	0.85	Myanmar golden deer,Rabbit, Wildcat, Jackal, Avifauna
Shwe-U-Daung Wildlife Sanctuary	Mandalay Region	10 b.Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	22.41	Elephant,Gaur,Banteng, Sambar, Serow, Bear.
Shwe-U-Daung Wildlife Sanctuary	Shan State	10 b. Terrestrial Between N 23° 5' & 22° 57' Between E 99° 5' & 96° 22'	1927	45.53	Elephant,Gaur,Banteng Sambar, Serow,Bear.
Minsontaung Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 28' & E 95° 43'	2001	8.71	Barking deer, Dhole, Reptiles, Tortoise, Wild Cat.
Pyin-O-Lwin Bird Sanctuary	Mandalay Region	10 b.Terrestrial N 22° 00' & E 96° 30'	1927	49.13	Barking deer, Avifauna.
Popa Mountain Park	Mandalay Region	9 a.Terrestrial N 20° 53' & E 95° 15'	1989	49.63	Barking deer, Leopard, Geomorphologic features.
Lawkananda Wildlife Sanctuary	Mandalay Region	9 a.Terrestrial N 21° 15' & E 94° 47' Between E 97° 01' & 97° 10'	1995	0.18	Avifauna,Cultural diversity.

TABLE 10.20 EXISTING PROTECTED AREAS IN MYANMAR (concl'd)
Years 2016/2017, absolute values

Name	Location (Region/State)	Category of Sanctuary	Year of Establishment	Area sq.mile	Wildlife Species for which sanctuary is offered
Kyaikhtiyoe Wildlife Sanctuary	Mon State	4. Terrestrial Between N 17° 24' & 17° 34' Between E 97° 01' & 97° 10'	2001	60.31	Goral, Gaur, Sambar, Monkey.
Kaylatha Wildlife Sanctuary	Mon State	4. Terrestrial N 17° 13' & E 97° 6'	1942	8.67	Serow, Avifauna .
Rakhine Yoma Elephant Range	Rakhine State	4. Terrestrial N 17° 31' & E 94° 30'	2002	677.88	Elephant, Gaur, Leopard, Jackal, Bear.
Hlawga Park	Yangon Region	4. Terrestrial N 17° 01' & E 98° 05'	1989	2.41	Sambar, Barking deer, Hog deer, Eld's deer, Monkey, Migratory birds.
Parsar Protected Area	Shan State	10 a. Terrestrial N 20° 29' & E 99° 53'	1996	29.54	Jungle fowl, Chinese Pangolin.
Inlay Lake Wildlife Sanctuary	Shan State	10 b. Wetland / Lake Between N 19° 46' & 20° 38' Between E 96° 47' & 97° 6'	1985	206.07	Water birds and fish spp.
Taunggyi Bird Sanctuary	Shan State	10 b. Terrestrial N 20° 45' & E 97° 04'	1920	2.81	Avifauna.
Panlaung Pyadalin Cave Wildlife Sanctuary	Shan State	10 b. Terrestrial N 21° 10' & E 96° 28'	2002	128.88	Elephant, Leopard, Gaur, Banteng, Golden Cat, Clouded Leopard, Serow, Gibbon, Orchids.
Loimwe Protected Area	Shan State	10 b. Terrestrial N 21° 8' & E 99° 45'	1996	15.97	Bear, Pangolin, Pheasant.
Meinmahla Kyun Wildlife Sanctuary	Ayeyarwady Region	4. Marine N 16° 05' & E 95° 18'	1993	52.78	Crocodile, Water and Shore birds.
Thamihla Kyun Wildlife Sanctuary	Ayeyarwady Region	4. Marine N 15° 5' & E 94° 17'	1970	0.34	Marine turtle.

Source: Department of Forest.

METHODOLOGY SHEET | Saw Mills

Responsible Unit (Service or Structure)	Department of Forest, Myanma Timber Enterprise
Level of Disaggregation	Union, States and Regions
Study Variables	Saw Mills
Classification Variables	Re-cutting Mills, Domestic Industrial Mills
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Forest Resources
Tables	10.21

TABLE 10.21 SAW MILLS BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006			2010-2011			2012-2013			2013-2014		
	Saw Mills	Recutt- ing Mills	Dome- stic Indust- rial Mills	Saw Mills	Recutt- ing Mills	Dome- stic Indust- rial Mills	Saw Mills	Recutt- ing Mills	Dome- stic Indust- rial Mills	Saw Mills	Recutt- ing Mills	Dome- stic Indust- rial Mills
Total	231	1502	2127	388	1328	1782	423	1300	1717	364	1340	1720
Kachin State	2	148	26	2	130	30	4	129	27	1	128	29
Kayah State	1	25	10	3	26	31	3	29	32	3	29	17
Kayin State	4	43	35	1	41	58	2	41	58	1	44	60
Chin State	-	1	-	-	-	-	-	-	-	-	-	-
Sagaing Region	35	170	183	63	78	115	79	73	94	68	123	148
Tanintharyi Region	1	66	106	8	62	64	8	60	60	9	62	73
Bago Region	63	105	213	62	102	205	63	100	201	55	101	205
Magway Region	19	72	68	24	68	64	24	74	76	22	75	76
Mandalay Region	29	296	257	61	279	175	67	274	179	37	249	168
Mon State	4	71	188	3	67	231	2	68	232	2	67	227
Rakhine State	6	67	70	7	62	53	6	60	53	6	56	51
Yangon Region	22	320	593	112	318	401	122	299	385	112	289	379
Shan State	20	82	139	20	61	138	20	56	120	17	61	89
Ayeyarwady Region	25	36	239	22	34	217	23	37	200	15	34	184
Nay Pyi Taw	-	-	-	-	-	-	-	-	-	16	22	14

TABLE 10.21 SAW MILLS BY STATES AND REGIONS (concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2014-2015			2015-2016			2016-2017 (p)		
	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills	Saw Mills	Recutting Mills	Domestic Industrial Mills
Total	364	1340	348	487	1363	365	377	1332	433
Kachin State	1	128	-	2	123	-	3	123	-
Kayah State	3	29	7	4	29	7	7	27	8
Kayin State	1	44	35	1	44	35	1	44	35
Chin State	-	-	-	-	3	-	-	2	-
Sagaing Region	68	123	-	85	119	-	88	104	36
Tanintharyi Region	9	62	26	11	68	26	9	69	26
Bago Region	55	101	72	51	109	81	45	108	91
Magway Region	22	75	19	22	78	28	17	85	26
Mandalay Region	48	271	41	93	231	26	119	213	28
Mon State	2	67	18	3	70	21	6	69	22
Rakhine State	6	56	4	10	61	-	4	60	6
Yangon Region	112	289	101	153	300	109	28	300	119
Shan State	17	61	4	23	61	5	27	58	8
Ayeyarwady Region	15	34	21	12	38	21	9	45	21
Nay Pyi Taw	5	-	-	17	29	6	14	25	7

Note: Domestic industrial mills refer to those producing Furniture and other semi-finished products

Sources: 1. Department of Forest.
2. Myanma Timber Enterprise.

METHODOLOGY SHEET | Working Elephants Used in Timber Extraction

Responsible Unit (Service or Structure)	Myanma Timber Enterprise
Level of Disaggregation	Union, States and Regions
Study Variables	Number of Working Elephants
Classification Variables	State owned, Private owned
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Working Elephants
Tables	10.22

TABLE 10.22 WORKING ELEPHANTS USED IN TIMBER EXTRACTION BY STATES AND REGIONS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006			2010-2011			2012-2013			2013-2014		
	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total
Total	1788	1130	2918	1645	1221	2866	1839	811	2650	1828	329	2157
Kachin State	44	75	119	42	70	112	42	40	82	51	40	91
Kayah State	-	16	16	-	16	16	-	15	15	-	15	15
Kayin State	-	109	109	-	110	110	-	70	70	-	70	70
Chin State	64	-	64	52	-	52	51	-	51	51	-	51
Sagaing Region	547	192	739	357	185	542	570	200	770	583	28	611
Tanintharyi Region	-	15	15	-	10	10	-	15	15	-	15	15
Bago Region	423	368	791	348	280	628	340	270	610	342	30	372
Magway Region	365	26	391	356	10	366	350	21	371	343	21	364
Mandalay Region	146	75	221	159	60	219	160	50	210	163	15	178
Mon State	-	33	33	-	-	-	-	-	-	-	-	-
Nay Pyi Taw	-	-	-	-	-	-	-	-	-	-	-	-
Rakhine State	48	13	61	61	-	61	50	-	50	50	-	50
Yangon Region	-	-	-	-	-	-	-	-	-	-	-	-
Shan State	67	167	234	111	249	360	117	85	202	90	50	140
Ayeyarwady Region	84	41	125	159	231	390	159	45	204	155	45	200

TABLE 10.22 WORKING ELEPHANTS USED IN TIMBER EXTRACTION BY STATES AND REGIONS

(concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2014-2015			2015-2016			2016-2017 (p)		
	State owned	Private owned	Total	State owned	Private owned	Total	State owned	Private owned	Total
Total	2280	-	2280	1315	-	1315	1611	-	1611
Kachin State	66	-	66	84	-	84	49	-	49
Kayah State	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	-	-	-	-	-	-
Chin State	83	-	83	44	-	44	37	-	37
Sagaing Region	815	-	815	455	-	455	615	-	615
Tanintharyi Region	-	-	-	-	-	-	-	-	-
Bago Region	415	-	415	241	-	241	234	-	234
Magway Region	364	-	364	198	-	198	241	-	241
Mandalay Region	75	-	75	46	-	46	88	-	88
Mon State	-	-	-	-	-	-	-	-	-
Nay Pyi Taw	122	-	122	43	-	43	66	-	66
Rakhine State	58	-	58	53	-	53	70	-	70
Yangon Region	-	-	-	-	-	-	-	-	-
Shan State	106	-	106	62	-	62	111	-	111
Ayeyarwady Region	176	-	176	89	-	89	100	-	100

Source: Myanma Timber Enterprise.

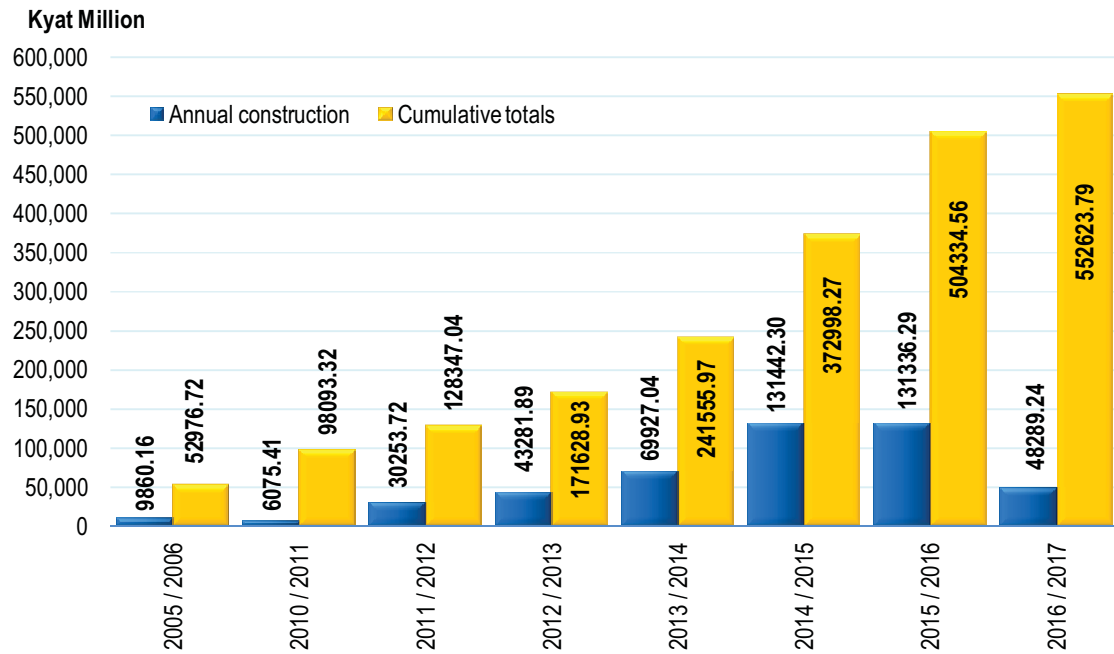


11

Industry, Construction and Myanmar Business Survey

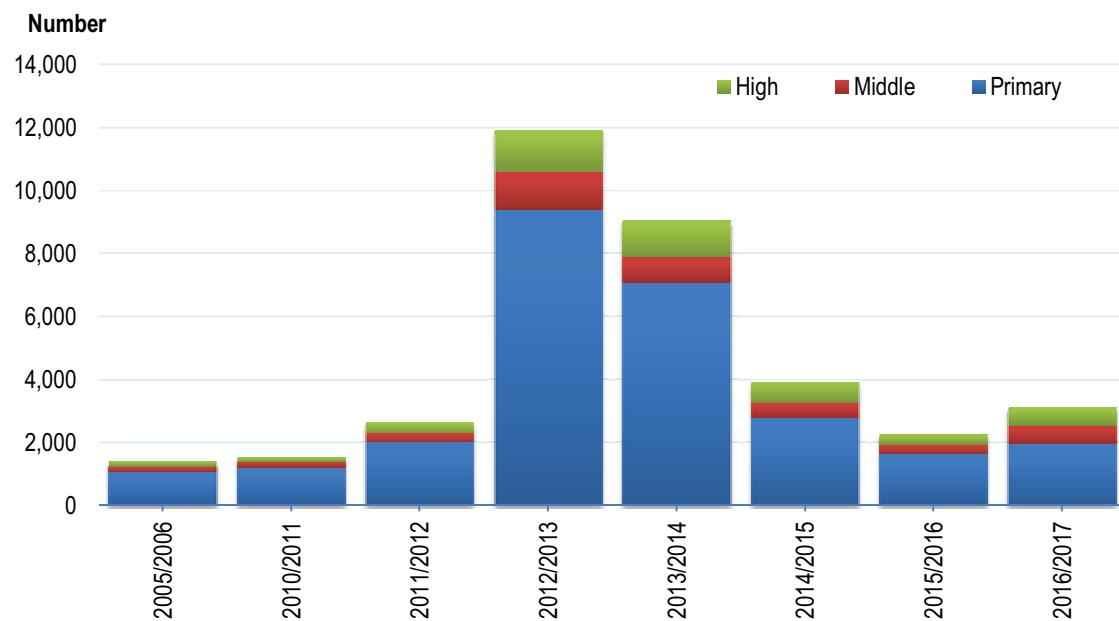
In 2015-2016 the production of **cigarettes** decreased by **4.46%** as compared to the previous period, the production of **biological products** by **20.00%**, that of **natural gas** by **3.67%**. | Positive variations were recorded for **refined gold** and **electric power generation**, respectively **28.66%** and **11.92%**. | In the **construction** sector, the value of **cost** amounted to **48,289.24** Kyat millions in 2016-2017. | The number of **buildings** completed by the Department of Urban and Housing Development are **121** in **Yangon**. | The number of **total family units** are **3,138** in **Yangon**. | The number of **completed construction Schools** are **3,137** in 2016-2017. Myanmar Business Survey (2015) covered the distribution **126,928 businesses** which are registered across the economic sectors. The largest number of businesses shows the **Manufacturing** sector was **40%**, **Resale/Trade** sector was **33%** and **Service** sector was **27%**.

FIGURE 11.1 COMPLETED RESIDENTIAL BUILDINGS



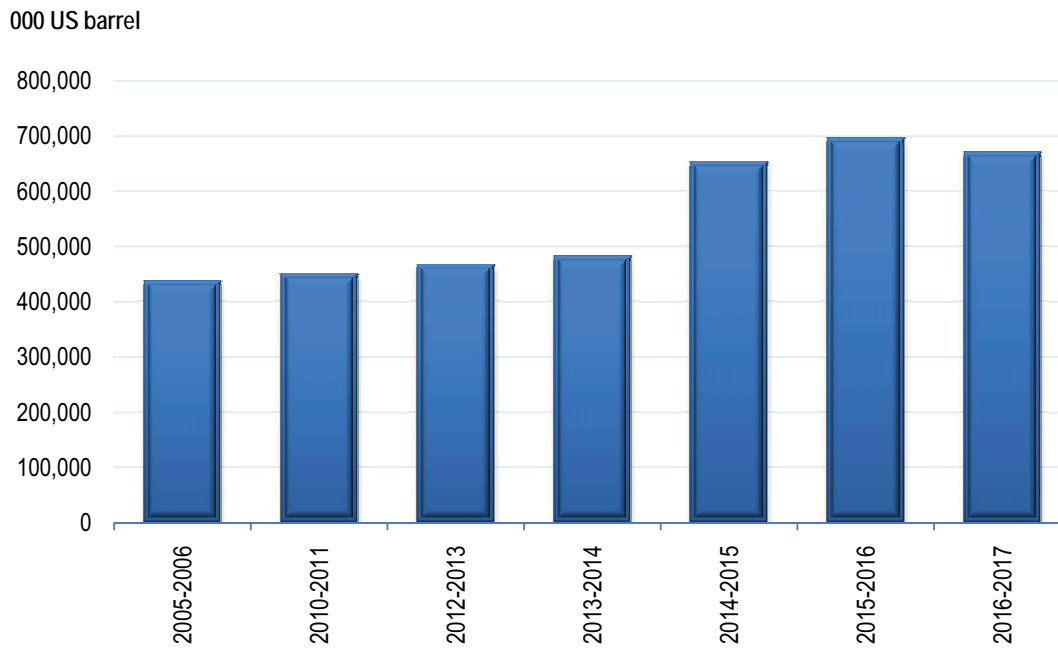
Source: Department of Urban and Housing Development

FIGURE 11.2 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS



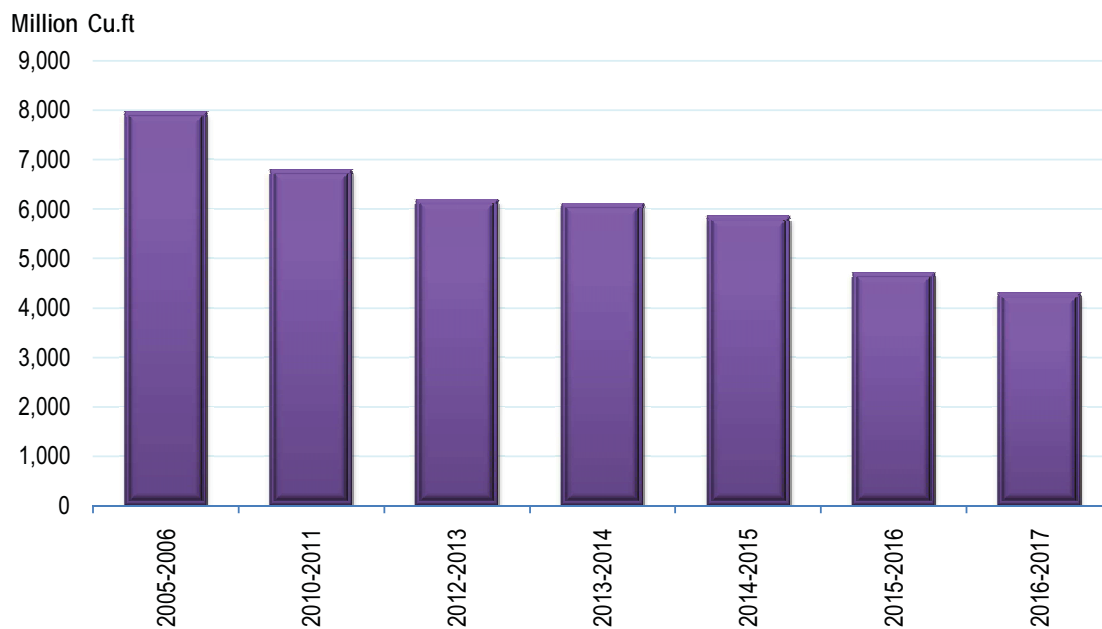
Source: Department of Educational Research Planning and Training

FIGURE 11.3 PRODUCTION OF SELECTED CRUDE OIL



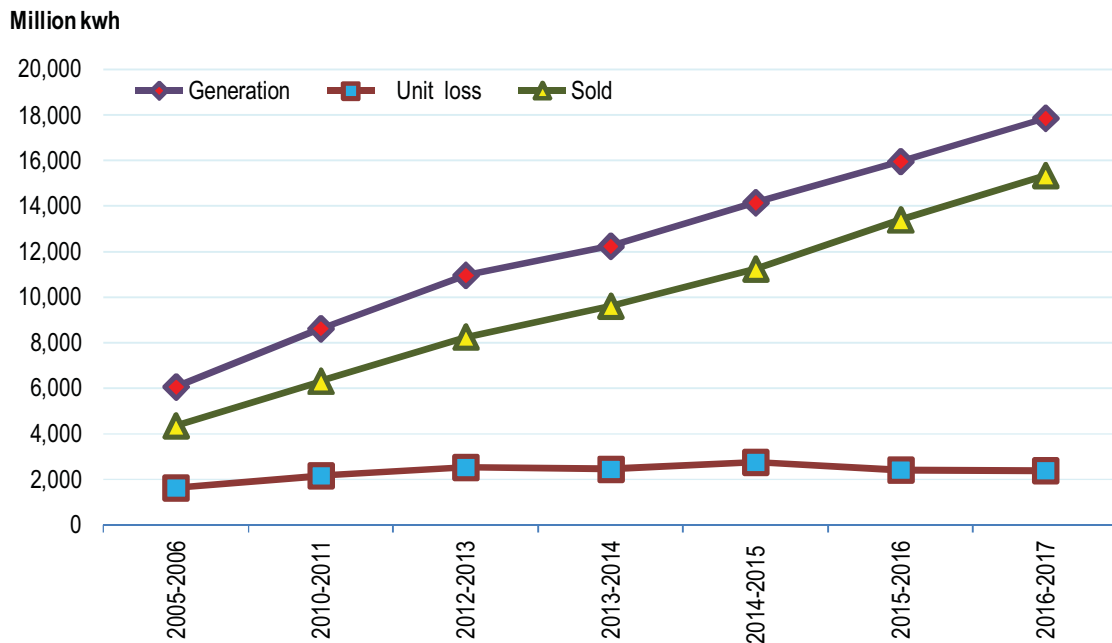
Source: Ministry of Electricity and Energy

FIGURE 11.4 PRODUCTION OF NATURAL GAS



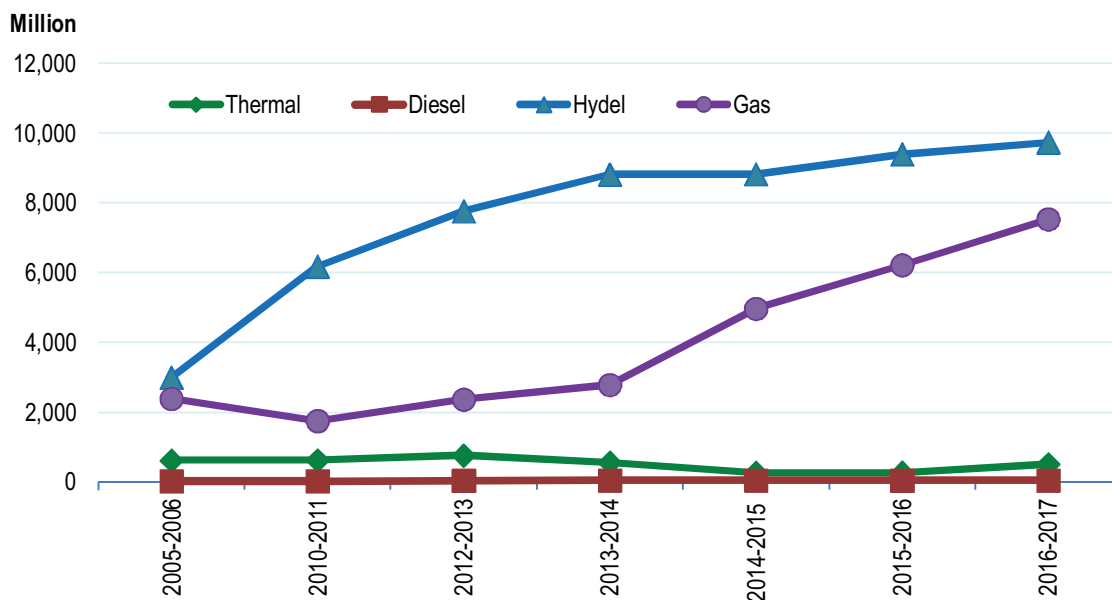
Source: Ministry of Electricity and Energy

FIGURE 11.5 ELECTRIC POWER GENERATED, SOLD AND UNIT LOSS



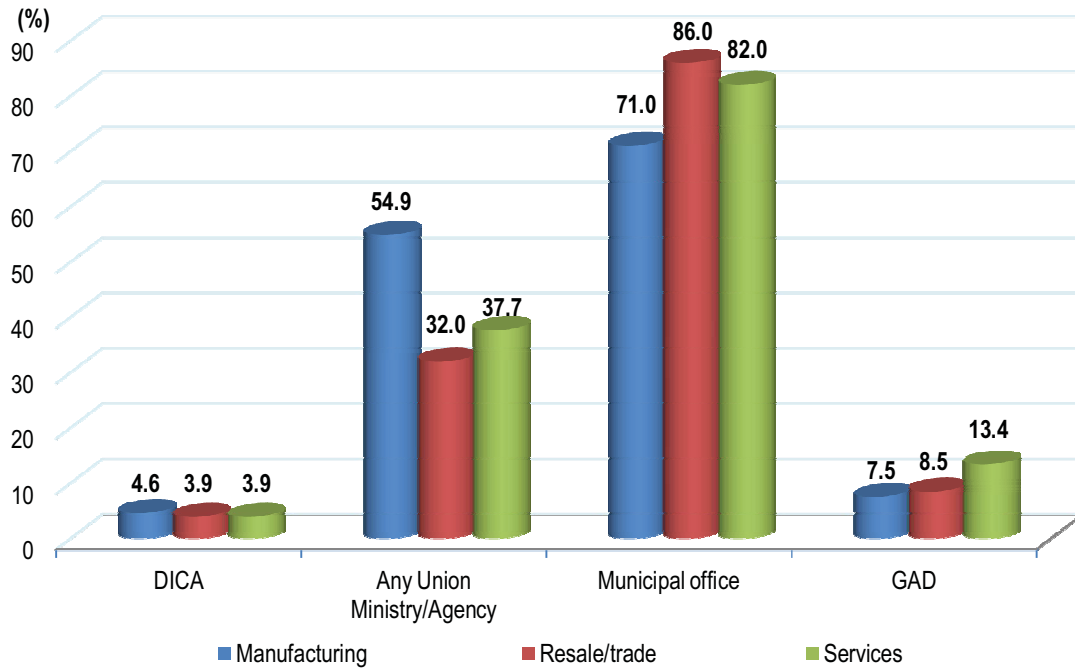
Source: Ministry of Electricity and Energy

FIGURE 11.6 ELECTRIC POWER GENERATION BY TYPE



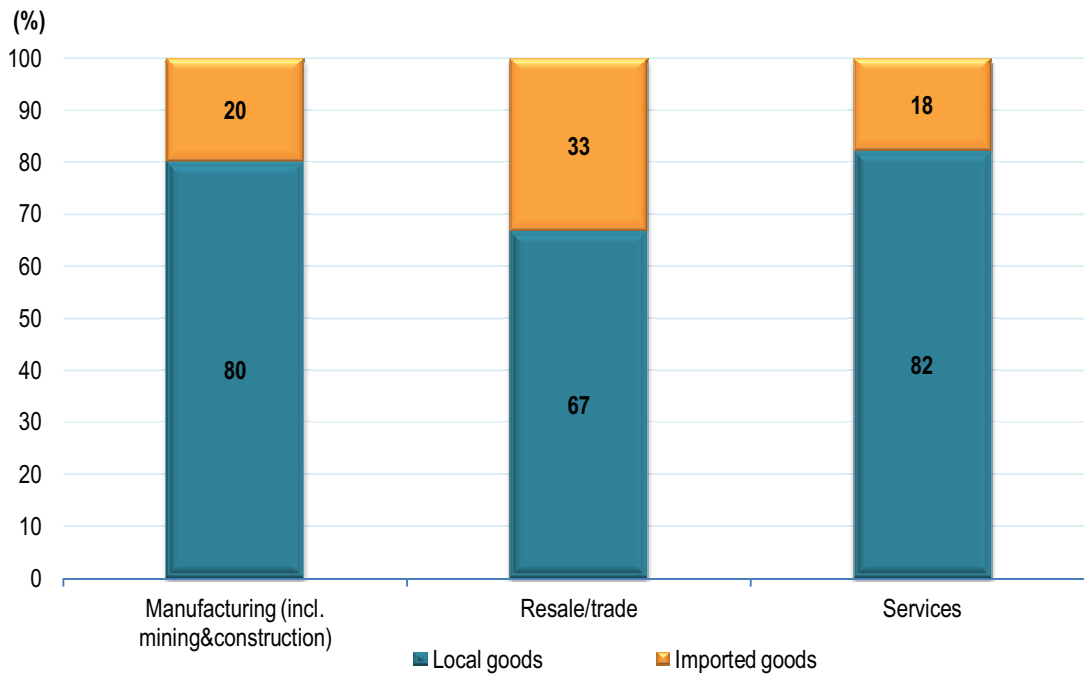
Source: Ministry of Electricity and Energy

FIGURE 11.7 REGISTRATION STATUS BY ECONOMIC SECTOR AND REGISTRATION TYPE



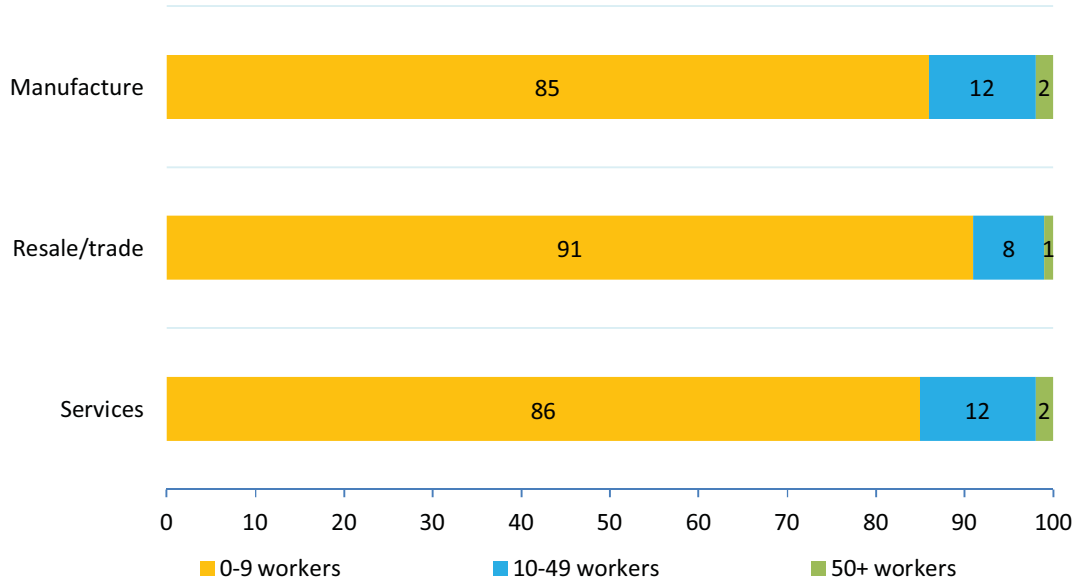
Source: Myanmar Business Survey (2015)

FIGURE 11.8 PURCHASES OF LOCAL/ IMPORTED GOODS BY ECONOMIC SECTOR



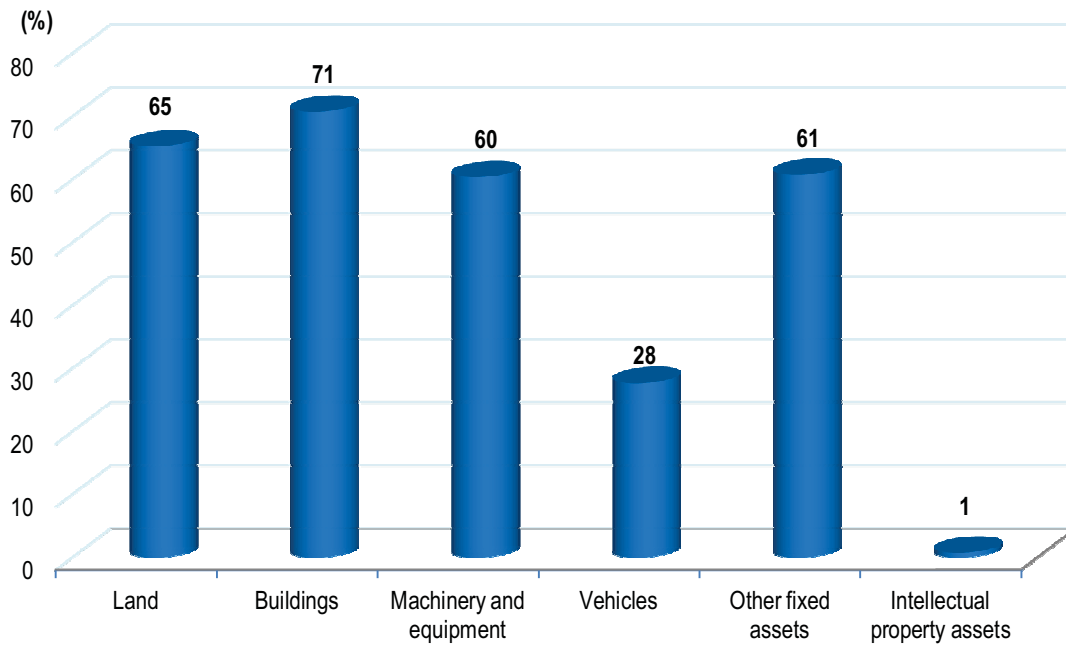
Source: Myanmar Business Survey (2015)

FIGURE 11.9 DISTRIBUTION OF BUSINESSES BY SIZE CLASS AND ECONOMIC SECTOR (PERCENTAGE)



Source: Myanmar Business Survey (2015)

FIGURE 11.10 BUSINESSES OWNING VARIOUS TYPES OF ASSETS BY UNION



Source: Myanmar Business Survey (2015)

INDUSTRY

METHODOLOGY SHEET | Public industrial enterprises

Responsible Unit (Service or Structure)	The respective agencies
Level of Disaggregation	Union
Study Variables	Public industrial enterprises
Classification Variables	Food and beverages, Clothing, Construction materials, Personal goods, Household goods, Printing and publishing, Industrial raw materials, Mineral and Petroleum products, Agricultural equipment, Machinery and equipment, Transport vehicles, Workshops and dockyards and Miscellaneous
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Public Industry
Tables	11.01

TABLE 11.01 PUBLIC INDUSTRIAL ENTERPRISES

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Food and beverages	176	80	33	38	38	39	58
Clothing	32	41	48	38	38	28	39
Construction materials	122	109	109	94	93	93	98
Personal goods	24	39	14	25	17	16	21
Household goods	27	22	11	12	18	17	18
Printing and publishing	31	34	24	27	27	44	44
Industrial raw materials	44	40	40	40	42	41	39
Mineral and Petroleum products	36	24	20	18	18	19	21
Agricultural equipment	13	15	15	5	3	13	3
Machinery and equipment	29	18	14	14	14	16	16
Transport vehicles	173	9	10	10	12	11	8
Workshops and dockyards	106	116	135	115	127	116	120
Miscellaneous	134	92	332	334	342	340	343
TOTAL	947	639	805	770	789	793	828

Source : Data obtained from the respective agencies.

METHODOLOGY SHEET| Volume of production of selected commodities

Responsible Unit (Service or Structure)	Myanma Pharmaceutical Industries, No.(1), (2) and (3) Heavy Industries Enterprise, Department of Mines, Myanma Petrochemical Enterprise, Planning and Statistics Branch, Ministry of Electricity and Energy(Minister's Office), Department of Agriculture, Ministry of Defence, Department of Co-operative and Myanma Economic Holdings Limited
Level of Disaggregation	Union
Study Variables	Volume of production of selected commodities
Classification Variables	Food and Beverages, Tobacco, Textile (Cotton), Made-up Articles, Personal Requisites, Pharmaceuticals, Household Goods, Electrical Goods, Building Materials, Machinery, Vehicles, Crude Oil, Natural Gas and Petroleum Products, Stationary and Others
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly
Units	Selected Commodities
Tables	11.02

TABLE 11.02 VOLUME OF PRODUCTION OF SELECTED COMMODITIES

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
FOOD AND BEVERAGES								
Sugar	Ton	2430 (r)	1437 (r)	-	2400	2400	2560	2800
Molasses	Ton	2818 (r)	1230 (r)	-	1200	1200	1280	1400
Salt	Crude (000)Ton	172	125 (r)	217	196	129	212	221
	Fine (000)Ton	276	242	178	193	206	191	208
Biscuits	Ton	469	451	553	554	566	578 (r)	654
Noodles	(000)lb	241	198	52	40	55	39	73
Coffee	(000)lb	84	11	-	-	-	-	-
Tea	(000)lb	1729	1871	2308	2356	2424	2592	2594
Condensed milk	(000)lb	2560	5674	6446 (r)	7066	9937	4230	4338
Shrimp paste	(000)viss	632	635	644	589	634	530	562
Soft Drink	(000)doz	15708	6993	1406	1086	948	486	11234
Beer	(000)gal	1637	22427 (r)	27846 (r)	35571 (r)	46528 (r)	48408 (r)	52322
Alcohol	(000)gal	1471	547 (r)	1331	1388 (r)	1908 (r)	2295 (r)	3121
Purified Drinking water	Litres	4732287	56379951	23177464	21534000	17928540	14538160	13821220
Candy	M.Ton	21	20	17	17	23	31	-
TOBACCO								
Cigarettes	Million	2822	4330	5741	6594	8006	8953	8554
TEXTILE (COTTON)								
Cotton fabrics	(000) yd	17702	18983	7369	3222	1777	1517	3209
Poplin	(000) yd	6433	13009	4635	1525	285	257	1891
Curtain	(000) yd	5	17	-	-	-	-	-
Cotton shirting	(000) yd	8182	2357	2734	1697	1492	1260	827
Netting Mosquitc cotton	(000) yd	3082	3600	-	-	-	-	491
Cotton yarn	(000)lb	9112	19247	6764	2042	2082	2731	3225
Cotton thread	(000) doz	483	-	7	3	2	-	-

Notes: Since 2009-2010, cigarettes production data are represented the sector for private.
 Although the data of Beer production for the year 2009-2010 represented to both public and private sector, it represented the private sector only since 2010-2011.
 Since 2011-2012, sugar, molasses, soft drink and purified drinking water data are represented the private sector only.

TABLE 11.02 VOLUME OF PRODUCTION OF SELECTED COMMODITIES (cont'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
MADE-UP ARTICLES								
Vests	(000) No	1445	2355	1107	616	73	14	95
Towels	(000) No	3014	-	49	-	-	-	3
Blankets	(000) No	112	190	15	8	-	-	-
Gunny bags	(000) No	1947	1218	-	-	-	-	-
Gunny cloth	(000) yd	36	9	-	-	-	-	-
Gunny twine	(000) lb	1201	2949	-	-	-	-	-
Shirts and Ready-made Garments	(000) No	1212	1187	391	82	975	689	9
Monk's Robe	Set	103389	54679	9000	9000	-	-	-
PERSONAL REQUISITES								
Tooth paste	(000)doz	65	4	-	-	-	-	-
Toilet soap	Ton	2912	519	627	612	88	-	90
Umbrella	No	642979	119934	-	-	-	-	-
PHARMACEUTICALS								
Solids	(000)kg	286	455	430	609	903	804	974
Liquids	(000)Litres	396	219	257	551	345	170	462
Ointments and similar preparations	(000)kg	58	58	34	53	43	29	47
Tablets	Million	1244	903	723	807	651	716	864
Sterile products	(000)amp	14687	18666	20566	24290	21056	21154	20730
Biological products	(000)dosage	432	518	449	114	289	355	426
HOUSEHOLD GOODS								
Glasses	(000)No	67.44	-	-	-	-	-	-
Bottles, all sorts	(000)No	8376	5050	-	-	-	-	-
Washing soap	Ton	66775	44235	15567	21407	7579	6885	7700
Detergent Powder	Ton	1911	900	-	-	-	-	-
Liquid Detergent	gal	120900	98500	-	-	-	-	-

Note: Since 2012-2013, toilet soap data are represented the private sector only.

Although the data of washing soap production for the year 2011-2012 and 2012-2013 represented to both public and private sector, it represented the private sector only since 2013-2014.

TABLE 11.02 VOLUME OF PRODUCTION OF SELECTED COMMODITIES (cont'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
ELECTRICAL GOODS								
Car battery	(000)No	31	38	7	-	-	-	-
Dry cell battery	(000)No	11000	-	-	-	-	-	-
P.V.C Cable	Roll	41349	28615	9284	8341	18857	15478	9594
Lighting fixtures	No	10600	-	-	-	-	-	-
Fluorescent lamp	(000)No	992	-	-	-	-	-	-
Incandescent lamp	(000)No	90	-	-	-	-	-	-
Hot plate	No	5600	-	-	-	-	-	-
Rice cooker	No	5300	-	-	-	-	-	-
Transformer	No	100	181	79	1	60	5	-
BUILDING MATERIALS								
Cement	(000)MT	556	556	493	484	306 (r)	342 (r)	1451 (r)
Bricks	(000)No	72325	59759	9528 (r)	31 (r)	-	-	12005
Asbestos sheets	(000)ft	1357	2718	213	-	-	-	-
Asbestos ceiling	(000)No	741	426	41	-	-	-	-
Glass	Ton	5863	10051	-	3109	35740	33081 (r)	21789
Tile (8" x 8")	(000)No	7021	6372	2800	-	-	-	-
Paints	(000)gal	234	96	-	-	-	-	-

Note: Since 2014-2015, production of cement is included in the joint venture.

Brick production includes state own and joint venture in 2012-2013 after that since 2013-2014, only production joint venture.

Glass production includes state own and joint venture in 2016-2017.

TABLE 11.02 VOLUME OF PRODUCTION OF SELECTED COMMODITIES (concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
MACHINERY								
Pumping sets	Set	7980	10324	1735	-	-	5	-
Diesel generating sets	Set	-	193	45	39	4	13	-
Bicycles	No	34872	58993	-	-	-	-	-
Tyre and Tube	No	90620	308061	50454	193710	19845	77410	135788
Light Agriculture Maching	No	11124	7810	1790	-	-	633	1146
VEHICLES								
Light vehicles	No	445	1479	1543	129	204	-	-
Heavy vehicles	No	283	104	83	87	40	21	-
Tractor	No	390	250	100	2	-	95	-
Trailer	No	5366	5357	1636	30	-	-	-
CRUDE OIL, NATURAL GAS AND PETROLEUM PRODUCTS								
Crude Oil*	(000)US barrel	7964	6788	6197	6115	5851	4706	4297
Natural Gas*	Million Cuft	437729	450381	467025	482276	653288	695591	670081
(a)Pipeline Gas	M-Cuft	436289	443341	460596	475022	647582	689359	662867
(b)Compressed Natural Gas	M-Cuft	1440	7040	6429	7254	5706	6232	7214
Motor Spirit	(000)gal	107148	129052	100830	70508	65916	44199	38391
Diesel Oil	(000)gal	54078	63044	43586	39733	42921	4355	32642
LPG	(000)gal	3962	3290	4210	2417	6703	4150	2846
Furnace Oil	(000)gal	13440	15602	10919	9122	9503	8640	12022
Aviation Turbine	(000)gal	15970	11657	9210	5879	5744	4355	3826
Kerosene	(000)gal	409	434	175	89	163	65	32
Petroleum Coke	M.T	19515	16619	13214	13520	2672	12986	12170
STATIONARY								
Paper	Ton	19011	14691	4171	818	625	-	-
OTHERS								
Plastic sheets	(000)yd	977	788	634	-	-	-	-
Tableware	(000)No	3780	2528	250	4	-	-	-
Sanitaryware	(000)No	244	29	13	-	-	-	-
Flower Vases	(000)No	398	-	-	-	-	-	-
Fertilizer(Urea)	(000)M.T	100	35	209	157	166	130	115

Notes: LPG-Liquefied Petroleum Gas.
Petroleum Coke are Metric Ton since 1995-1996.

* Includes joint venture offshore production

Sources: 1. Myanma Pharmaceutical Industries.
2. No.(1),(2) and (3) Heavy Industries Enterprise.
3. Department of Mines.
4. Myanma Petrochemical Enterprise.
5. Planning and Statistics Branch, Ministry of Electricity and Energy, (Minister's Office)
6. Department of Agriculture.
7. Ministry of Defence .
8. Department of Co-operative.
9. Myanma Economic Holdings Limited.

METHODOLOGY SHEET | **Mines by States and Regions**

Responsible Unit (Service or Structure)	Department of Mines
Level of Disaggregation	Union, States and Regions
Study Variables	Mines
Classification Variables	Metal and Non-metal
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly
Units	Mines
Tables	11.03

TABLE 11.03 MINES BY STATES AND REGIONS

Years 2005, 2010, 2012 - 2016, absolute values

States and Regions	Type	2005*	2010*	2012*	2013*	2014*	2015*	2016*
Kachin State	Metal	37	324	167	132	135	-	64
	Non-metal	2	1	2	4	-	-	20
Kayah State	Metal	4	5	12	27	18	-	17
	Non-metal	-	-	-	-	3	-	-
Kayin State	Metal	1	208	56	101	53	35	23
	Non-metal	1	-	2	17	9	3	23
Sagaing Region	Metal	34	402	196	31	218	10	194
	Non-metal	1	8	22	47	33	-	35
Tanintharyi Region	Metal	-	86	109	138	68	-	38
	Non-metal	1	1	9	12	8	-	17
Bago Region	Metal	19	67	15	9	4	-	2
	Non-metal	-	-	-	5	-	-	-
Magway Region	Metal	-	-	1	3	3	-	2
	Non-metal	-	-	13	55	33	-	38
Mandalay Region	Metal	181	669	212	38	216	1880	232
	Non-metal	1	14	30	184	163	878	90
Mon State	Metal	-	6	21	29	11	8	13
	Non-metal	1	1	6	17	12	16	18
Shan State	Metal	3	73	235	497	376	110	180
	Non-metal	3	11	72	135	77	3	93
Chin State	Metal	-	-	11	14	4	-	-
	Non-metal	-	-	-	-	-	-	-
Ayeyawady Region	Metal	-	-	3	5	5	-	-
	Non-metal	-	-	1	4	4	-	2
Rakhine State	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	1	5	1	-	1
Naypyitaw	Metal	-	-	-	-	-	-	-
	Non-metal	-	-	-	-	-	-	3
TOTAL	Metal	279	1840	1038	1024	1111	2043	765
	Non-metal	10	36	158	485	343	900	340

Note: * Include Private Sector.

Source : Department of Mines.

METHODOLOGY SHEET | **Production of minerals**

Responsible Unit (Service or Structure)	No.(1),(2) Mining Enterprise, Myanmar Gems Enterprise
Level of Disaggregation	Union
Study Variables	Production of minerals
Classification Variables	Precious Mineral, Metal and Ore, Mineral Fuel and Industrial Raw Mineral
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly
Units	Minerals
Tables	11.04

TABLE 11.04 PRODUCTION OF MINERALS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Mineral	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
PRECIOUS MINERAL								
Jade	(000)Kilogram	19945	44406 (r)	18363 (r)	15047	16672	35979	34655
Gems	(000)Carat	23810	9207 (r)	10103	13894	11039 (r)	13483	10147
Refined silver	Troy(000)oz	40	-	-	-	-	-	-
Refined gold	Troy oz	3151	5516	25296	28695	42281	54400	46482
METAL AND ORE								
Copper matte	M.Ton	34	-	-	-	-	-	-
Nickel speiss	M.Ton	47	-	-	-	-	-	-
Antimonial lead	M.Ton	-	-	-	-	-	-	-
Refined lead	M.Ton	576	-	-	-	-	-	-
Zinc concentrates	M.Ton	280	-	318 (r)	957 (r)	382 (r)	758 (r)	754
Tin concentrates	M.Ton	737	653	886	681	536	451	405
Tungsten concentrates	M.Ton	7	1	2	-	5	10	3
Mixed tin, tungsten and scheelite	M.Ton	921	1204	938	1059	1101	627	816
a.Tin/tungsten mixed	M.Ton	91	468	339	439	487	385	519
b.Tin/tungsten/scheelite	M.Ton	830	736	599	620	614	242	297
MINERAL FUEL								
Coal	M.Ton	201830	239527	471022	380272	388732	419862	549838
INDUSTRIAL RAW MATERIAL								
Baryte	M.Ton	2205	14346	15339	31295	23060	2836	3215
Lime stone	M.Ton	20093	939	427733	666990	1759493	3427909	6002241
Fire clay	M.Ton	30	-	-	-	-	-	3000
Bentonite	M.Ton	602	546	-	1552	-	700	600
Gypsum	M.Ton	69735	77617	64079	60510	104994	99859	338489
Dolomite	M.Ton	4400	2350	170	400	2200	2200	2200
Fire clay powder	M.Ton	97	-	-	-	-	-	-

Note: Data from 1995-96 to 2015-2016 are
Obtained from the Myanmar Gems Enterprise.

Sources: 1.No.(1),(2) Mining Enterprise.
2.Myanmar Gems Enterprise.

METHODOLOGY SHEET | **Persons engaged in metalliferrous mines by type of mining**

Responsible Unit (Service or Structure)	Department of Mines
Level of Disaggregation	Union, Gender
Study Variables	Persons engaged in metalliferrous mines by type of mining
Classification Variables	Underground, Openworking and Surface workers
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly
Units	Mines
Tables	11.05

TABLE 11.05 PERSONS ENGAGED IN METALLIFEROUS MINES BY TYPE OF MINING
Years 2005, 2010, 2012-2016, absolute values

Year		Total Workers	Type of Workers		
			Underground	Openworking	Surface
2005*	Males	27528	13256	13143	1129
	Females	3504	-	3183	321
	Total	31032	13256	16326	1450
2010*	Males	61348	13921	32407	15020
	Females	9980	-	5331	4649
	Total	71328	13921	37738	19669
2012*	Males	3067	1347	1036	684
	Females	998	-	487	511
	Total	4065	1347	1523	1195
2013*	Males	2145	922	707	516
	Females	520	-	250	270
	Total	2665	922	957	786
2014*	Males	2038	-	1335	703
	Females	855	-	536	319
	Total	2893	-	1871	1022
2015*	Males	5641	-	3761	1880
	Females	2703	-	1825	878
	Total	8344	-	5586	2758
2016*	Males	50	-	30	20
	Females	10	-	-	10
	Total	60	-	30	30

Note: * Include Private Sector.

Source: Department of Mines.

METHODOLOGY SHEET | **Electric Power**

Responsible Unit (Service or Structure)	Department of Electric Power Planning, Department of Electric Power Transmission and System Control, Electric Power Generation Enterprise, Electricity Supply Enterprise, Yangon Electricity Supply Corporation, Mandalay Electricity Supply Corporation
Level of Disaggregation	Union
Study Variables	Electric Power Installation, Generation, Consumption, Production and Sales of Electric Power
Classification Variables	Installed capacity, generation, consumption, consumers, electrification, Installation and generation, unit loss, departmental use, Net Production, Cost of Production, Unit costs, Sales of electric power
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Electric Power
Tables	11.06, 11.07, 11.08, 11.09, 11.10

TABLE 11.06 ELECTRIC POWER INSTALLATION, GENERATION AND CONSUMPTION

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Installed Capacity (Megawatts)	Generation (Million Kwh)	Consumption (Million Kwh)	Consumers (000 No.)	Electrification	
					No. of Towns	No. of Villages
2005-2006	1690	6064.16	4433.87	1269	467	1240
2010-2011	3413	8625.11	6467.30	2223	486	2250
2012-2013	3726	10964.90	8441.04	2627	486	3848
2013-2014	4146	12247.12	9795.09	2906	489	5420
2014-2015	4805	14156.30	11406.76	3257	429	6626
2015-2016	5125	15964.75 (r)	13550.81	3698	422	8635
2016-2017 (p)	5390	17866.99	15482.09	4111	467	10792

Notes: (1) Since 2009-2010, Installed capacity (Megawatt) includes exported power to the China.

(2) Generation units exclude the exported power.

(3) Electrified Villages are supplied only from National Grid.

(4) Since 1995-2014, Electrified Towns mean the area (Township, Sub Township, Town and Some of main villages) where the offices of Township Electrical Engineer have been established.

(5) 2014-2015, Electrified Town includes Townships and Towns.

Sources : 1. Department of Electric Power Planning.
2. Department of Electric Power Transmission and System Control.
3. Electric Power Generation Enterprise.
4. Electricity Supply Enterprise.
5. Yangon Electricity Supply Corporation.
6. Mandalay Electricity Supply Corporation.

TABLE 11.07 ELECTRIC POWER INSTALLATION BY TYPE AND LOCATION

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Megawatts

Year	By Type				Total	By Location		
	Thermal	Diesel	Hydel	Gas		Yangon	Lawpita	Other
2005-2006	315	68	746	561	1690	465	196	1029
2010-2011	285	56	2522	550	3413	471	196	2746
2012-2013	285	78	2813	550	3726	471	196	3059
2013-2014	285	85	3005	771	4146	688	248	3210
2014-2015	285	89	3185	1246	4805	947	248	3610
2015-2016	300	95	3215	1515	5125	1000	248	3877
2016-2017 (p)	378	94	3255	1663	5390	1041	248	4101

Note: Since 2009-2010 installed capacity (Megawatts) for hydel includes exported power to China.

Sources: 1. Department of Electric Power Planning.
2. Electric Power Generation Enterprise.
3. Electricity Supply Enterprise.
4. Yangon Electricity Supply Corporation.
5. Mandalay Electricity Supply Corporation.

TABLE 11.08 ELECTRIC POWER GENERATION BY TYPE AND LOCATION

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in million kwh

Year	By Type				Total	By Location		
	Thermal	Diesel	Hydel	Gas		Yangon	Lawpita	Other
2005-2006	631.91	33.37	3000.80	2398.08	6064.16	1953.88	1487.11	2623.17
2010-2011	640.04	32.66	6188.95	1763.46	8625.11	1605.22	631.91	6387.98
2012-2013	770.64	50.63	7766.24	2377.39	10964.90	2177.32	1294.69	7492.89
2013-2014	568.91	60.76	8823.14	2794.31	12247.12	2486.98	1192.64	8567.50
2014-2015	285.54	64.89	8828.84	4977.03	14156.30	3775.57	1439.69	8941.04
2015-2016	284.98	55.23	9398.98	6225.56 (r)	15964.75 (r)	3490.04 (r)	1130.84	11343.87 (r)
2016-2017 (p)	524.23	61.12	9743.85	7537.79	17866.99	3701.48	1233.30	12932.21

Sources: 1. Department of Electric Power Planning.
2. Electric Power Generation Enterprise.
3. Electricity Supply Enterprise.
4. Yangon Electricity Supply Corporation.
5. Mandalay Electricity Supply Corporation.

TABLE 11.09 PRODUCTION OF ELECTRIC POWER

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Production (Million Kwh)					
	Generation	Unit loss	Departmental Use	Net Production	Cost of Production (000 Kyats)	Unit Cost (Kyat)
2005-2006	6064.16	1630.29	81.21	4352.66	13336809	3.06
2010-2011	8625.11	2157.81	155.22	6312.08	162715007	25.78
2012-2013	10964.90	2523.86	185.85	8255.19	352932176	42.75
2013-2014	12247.12	2452.03	182.45	9612.64	460217149	47.88
2014-2015	14156.30	2749.54	151.81	11254.95	842478254	74.85
2015-2016	15964.75 (r)	2413.94 (r)	154.26	13396.55	1214389745	90.65
2016-2017 (p)	17866.99	2384.90	127.00	15355.09	1475977132	96.12

Sources: 1. Department of Electric Power Planning.
 2. Electric Power Generation Enterprise.
 3. Electricity Supply Enterprise.
 4. Yangon Electricity Supply Corporation.
 5. Mandalay Electricity Supply Corporation.

TABLE 11.10 SALES OF ELECTRIC POWER BY TYPE

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Volume (Million Kwh)					Value (Kyat in Million)				
	Total	General Purpose	Industrial Power	Bulk	Other	Total	General Purpose	Industrial Power	Bulk	Other
	2005-2006	4352.66	1811.97	1756.42	695.41	88.86	38982.61	15670.72	18659.03	4418.37
2010-2011	6312.08	2653.33	2286.77	1306.38	65.60	237118.99	99653.01	93887.07	41675.54	1903.37
2012-2013	8255.19	3655.18	2676.57	1642.81	280.63	449755.22	173867.37	180061.55	84147.20	11679.10
2013-2014	9612.64	3764.00	2699.00	1692.12	1457.52	508130.09	168349.17	188784.02	87866.12	63130.78
2014-2015	11254.95	4112.83	2984.60	1754.58	2402.94	834420.70	200264.04	349226.91	141717.35	143212.40
2015-2016	13396.55	3567.15	2144.85	1463.75	6220.80	943391.14	170711.21	249300.91	116185.42	407193.60
2016-2017 (p)	15355.09	3451.07	2119.75	1377.92	8406.35	1059794.96	163690.81	242572.80	107656.98	545874.37

Note: 8314.16 Million kwh sold to Franchised companies include in others 8406.35 Million kwh.

Sources : 1. Department of Electric Power Planning.
 2. Electricity Supply Enterprise.
 3. Yangon Electricity Supply Corporation.
 4. Mandalay Electricity Supply Corporation.

CONSTRUCTIONS

METHODOLOGY SHEET | Housing Development

Responsible Unit (Service or Structure)	Department of Urban and Housing Development
Level of Disaggregation	Union
Study Variables	Number of Buildings, Total Family Units, Floor Space, Total Cost of Construction
Classification Variables	Annual Construction, Cumulative Totals, Public, Private
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Residential Buildings
Tables	11.11, 11.12

TABLE 11.11 COMPLETED RESIDENTIAL BUILDINGS

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Yangon		Other Towns		Total Cost of Construction (K million)
	No. of Buildings	Total Family Units	No. of Buildings	Total Family Units	
ANNUAL CONSTRUCTION					
2005-2006	229	633	-	-	9860.16
2010-2011	27	336	6	46	6075.41
2012-2013	231	1204	-	-	43281.89
2013-2014	186	2380	77	738	69927.04
2014-2015	218	5678	64	1248	131442.30
2015-2016	249	6993	69	2220	131336.29
2016-2017	121	3138	-	-	48289.24
CUMULATIVE TOTALS					
2005-2006	3457	29280	1372	3969	52976.72
2010-2011	3765	31272	1386	4113	98093.32
2012-2013	4262	33699	-	-	171628.93
2013-2014	4448	36079	1475	4981	241555.97
2014-2015	4666	41757	1539	6229	372998.27
2015-2016	4915	48750	1608	8449	504334.56
2016-2017	5036	51888	1608	8449	552623.79

Source: Department of Urban and Housing Development.

TABLE 11.12 COMPLETED RESIDENTIAL BUILDINGS CONSTRUCTED UNDER RESIDENTIAL HOUSING SCHEME

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particulars	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total							
Buildings (Number)	245	33	231	263	282	318	121
Family Units (Number)	1234	382	1204	3118	6926	9213	3138
Floor Space(sq.ft.)	1447158	329736	1338529	3017230	4155600	5550614	1465368
Cost (K million)	362160.16	6075.41	43281.89	69927.037	131442	131336.28	48289.235
Public							
Buildings (Number)	229	33	231	263	282	318	121
Family Units (Number)	633	382	1204	3118	6926	9213	3138
Floor Space(sq.ft.)	884700	329736	1338529	3017230	4155600	5550614	1465368
Cost (K million)	9860.16	6075.41	43281.89	69927.037	131442	131336.28	48289.235
Cooperative							
Buildings (Number)	-	-	-	-	-	-	-
Family Units (Number)	-	-	-	-	-	-	-
Floor Space(sq.ft.)	-	-	-	-	-	-	-
Cost (K million)	-	-	-	-	-	-	-
Private							
Buildings (Number)	16	-	-	-	-	-	-
Family Units (Number)	601	-	-	-	-	-	-
Floor Space(sq.ft.)	562458	-	-	-	-	-	-
Cost (K million)	352300	-	-	-	-	-	-

Source: Department of Urban and Housing Development.

TABLE 11.13 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2012-2013				2013-2014			
	Primary Schools	Middle Schools	High Schools	Total	Primary Schools	Middle Schools	High Schools	Total
TOTAL	9371	1191	1357	11919	7054	815	1189	9058
Kachin State	30	5	9	44	97	5	12	114
Kayah State	12	3	4	19	22	4	8	34
Kayin State	669	75	96	840	504	33	62	599
Chin State	18	6	2	26	38	7	5	50
Sagaing Region	52	14	23	89	209	9	29	247
Tanintharyi Region	618	84	81	783	515	91	71	677
Bago Region	2030	239	304	2573	555	70	118	743
Magway Region	57	16	11	84	121	21	25	167
Mandalay Region	49	10	16	75	149	27	26	202
Mon State	1313	96	138	1547	637	85	122	844
Rakhine State	1039	157	198	1394	1385	89	152	1626
Yangon Region	485	116	117	718	474	158	246	878
Shan State	73	30	26	129	213	22	41	276
Ayeyarwady Region	2896	336	316	3548	2068	187	253	2508
Nay Pyi Taw	30	4	16	50	67	7	19	93

TABLE 11.13 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (cont'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2014-2015				2015-2016			
	Primary Schools	Middle Schools	High Schools	Total	Primary Schools	Middle Schools	High Schools	Total
TOTAL	2785	476	672	3933	1633	285	347	2265
Kachin State	94	8	4	106	44	11	14	69
Kayah State	10	8	1	19	15	5	11	31
Kayin State	78	15	26	119	60	4	11	75
Chin State	27	5	5	37	21	8	9	38
Sagaing Region	149	16	7	172	144	28	24	196
Tanintharyi Region	102	11	40	153	23	6	15	44
Bago Region	343	56	97	496	227	33	37	297
Magway Region	102	11	5	118	90	35	35	160
Mandalay Region	155	22	22	199	148	35	33	216
Mon State	82	18	34	134	34	7	13	54
Rakhine State	188	33	58	279	156	11	16	183
Yangon Region	539	161	199	899	133	28	24	185
Shan State	496	49	21	566	77	24	41	142
Ayeyarwady Region	362	55	150	567	369	47	56	472
Nay Pyi Taw	58	8	3	69	92	3	8	103

TABLE 11.13 COMPLETED CONSTRUCTION OF SCHOOLS BY STATES AND REGIONS (concl'd)
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2016-2017			
	Primary Schools	Middle Schools	High Schools	Total
TOTAL	1958	571	608	3137
Kachin State	77	20	38	135
Kayah State	61	2	7	70
Kayin State	167	34	41	242
Chin State	86	19	15	120
Sagaing Region	203	79	45	327
Tanintharyi Region	51	17	33	101
Bago Region	240	65	87	392
Magway Region	174	87	47	308
Mandalay Region	188	65	51	304
Mon State	70	15	22	107
Rakhine State	91	14	31	136
Yangon Region	108	36	58	202
Shan State	230	41	61	332
Ayeyarwady Region	196	70	59	325
Nay Pyi Taw	16	7	13	36

Source: Department of Educational Research Planning and Training.

METHODOLOGY SHEET | Private Buildings in Yangon

Responsible Unit (Service or Structure)	Yangon City Development Committee
Level of Disaggregation	Yangon City
Study Variables	New Building, Extension/Repair
Classification Variables	Application Submitted, Application Approved, Completed Construction
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Private Buildings
Tables	11.14

TABLE 11.14 PRIVATE BUILDING ACTIVITIES IN YANGON

Years 2005, 2010, 2012-2016, absolute values

Type of Building		2005		2010		2012		2013	
		New Building	Extension/Repair	New Building	Extension/Repair	New Building	Extension/Repair	New Building	Extension/Repair
Total Number of	Application Submitted	4269	141	2032	40	2322	58	4545	35
	Application Approved	4080	219	2135	39	2315	24	4432	31
	Completed Construction	1198	13	737	-	666	-	-	-
Masonry	Application Submitted	2277	67	1730	32	2034	34	4460	20
	Application Approved	2185	131	1833	31	2154	19	4357	18
	Completed Construction	1095	13	737	-	660	-	-	-
Semi-Pucca	Application Submitted	-	-	-	-	-	-	-	-
	Application Approved	-	-	-	-	-	-	-	-
	Completed Construction	-	-	-	-	-	-	-	-
Brick-Nogging	Application Submitted	988	74	204	8	139	24	50	15
	Application Approved	922	88	204	8	42	5	45	13
	Completed Construction	60	-	-	-	2	-	-	-
Wooden	Application Submitted	931	-	10	-	9	-	5	-
	Application Approved	909	-	10	-	3	-	5	-
	Completed Construction	-	-	-	-	-	-	-	-
Others	Application Submitted	73	-	88	-	140	-	30	-
	Application Approved	64	-	88	-	116	-	25	-
	Completed Construction	43	-	-	-	4	-	-	-

TABLE 11.14 PRIVATE BUILDING ACTIVITIES IN YANGON (concl'd)

Years 2005, 2010, 2012-2016, absolute values

Type of Building	2014		2015		2016	
	New Building	Extension/ Repair	New Building	Extension/ Repair	New Building	Extension/ Repair
	Total Number of					
Application Submitted	5425	50	4882	100	2589	60
Application Approved	5570	60	4882	100	2589	60
Completed Construction	1089	-	1974	-	-	3291
Masonry						
Application Submitted	5022	30	4032	65	2369	35
Application Approved	5157	35	4032	65	2369	35
Completed Construction	1089	-	1974	-	-	-
Semi-Pucca						
Application Submitted	-	-	-	-	-	-
Application Approved	-	-	-	-	-	-
Completed Construction	-	-	-	-	-	-
Brick-Nogging						
Application Submitted	298	20	590	35	90	25
Application Approved	305	25	590	35	90	25
Completed Construction	-	-	-	-	-	-
Wooden						
Application Submitted	5	-	10	-	5	-
Application Approved	8	-	10	-	5	-
Completed Construction	-	-	-	-	-	-
Others						
Application Submitted	100	-	250	-	125	-
Application Approved	100	-	250	-	125	-
Completed Construction	-	-	-	-	-	-

Source: Yangon City Development Committee.

MYANMAR BUSINESS SURVEY

METHODOLOGY SHEET | Myanmar Business Survey (2015)

Responsible Unit (Service or Structure)	Central Statistical Organization
Level of Disaggregation	Union, States and Regions
Study Variables	Economic Activities, Asset Type, Local/Imported Goods and businesses by size and class, Registration Type
Classification Variables	Manufacturing, Resale/Trade, Services
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Once in every two years
Units	Business
Tables	11.15, 11.16, 11.17, 11.18

TABLE 11.15 REGISTRATION STATUS OF BUSINESSES (%), BY MAIN ECONOMIC ACTIVITY OF BUSINESS

Main economic activity of business	Registration Status			
	DICA	Any Union Ministry/Agency	Municipal Office	GAD
Mining and quarrying	19.1	87.1	43.6	41.5
Manufacture of food products, beverages and tobacco products	3.1	60.4	71.3	8.4
Manufacture of textiles, wearing apparel, leather and related products	12.1	46.1	84.6	5.4
Manufacture of wood products	4.4	59.8	63.6	3.9
Manufacture of paper products; printing and reproduction of recorded media	5.4	64.4	86.2	7.5
Manufacture of chemicals and chemical products	17.2	64.0	65.0	1.7
Manufacture of basic pharmaceutical products and pharmaceutical preparations	6.5	89.2	92.0	9.0
Manufacture of rubber and plastics products, and other non-metallic mineral products	2.6	31.7	47.1	5.6
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2.7	64.5	80.7	3.8
Manufacture of electrical equipment	56.9	92.8	88.5	7.3
Manufacture of machinery and equipment n.e.c.	6.6	75.6	87.6	9.5
Manufacture of transport equipment	14.0	72.1	79.4	1.0
Manufacture of furniture	2.6	49.0	83.4	4.9
Other manufacturing; repair and installation of machinery and equipment	6.5	49.0	88.8	6.2
Electricity, gas, steam and air conditioning supply	2.2	82.7	77.3	47.4
Water supply; sewerage, waste management and remediation	0.0	27.0	70.0	8.6
Construction	67.8	30.1	73.1	8.9
Trade and repair of motor vehicles and motorcycles	3.9	33.3	83.5	4.4
Wholesale trade (except motor vehicles and motorcycles)	4.7	35.7	82.8	8.5
Retail trade (except motor vehicles and motorcycles)	3.7	30.5	87.0	9.3
Transportation and storage	5.5	63.2	61.7	10.4
Accommodation	9.0	57.6	81.7	14.5
Food and beverage service activities	2.5	26.4	89.2	17.8
Publishing, audiovisual and broadcasting activities	1.6	52.3	64.2	5.1
IT and other information services	3.8	37.1	94.1	5.2
Real estate activities	13.1	59.3	65.7	0.0
Professional, scientific and technical activities	4.8	26.8	92.3	11.4
Administrative and support service activities	4.0	54.7	71.5	7.2
Education	2.5	56.4	57.6	6.7
Human health activities	7.6	70.6	74.2	4.5
Arts, entertainment and recreation	0.8	26.0	62.0	20.0
Other service activities	5.7	37.8	81.6	2.9
Total	4.2	42.8	79.0	9.4

Notes: DICA

- Directorate of investment and company Administration
- Any Union - Any Union Ministry or affiliated Union level agency Ministry/Agency
- Municipal office - Municipal office or township/city development committee
- GAD - General Administration Department

Source: Myanmar Business Survey (2015)

TABLE 11.16 TOTAL VALUE OF EXPENSES ON GOODS USED FOR PRODUCTION (IN MILLION KYAT), BY SOURCE (LOCAL/IMPORTED) AND MAIN ECONOMIC ACTIVITY OF BUSINESS

Main economic activity of business	Expenses on goods used for production (value in MMK '000,000)		
	Local	Imported	Total
Mining and quarrying	7,316	840	8,156
Manufacture of food products, beverages and tobacco products	3,949,187	270,770	4,219,957
Manufacture of textiles, wearing apparel, leather and related products	85,000	297,869	382,869
Manufacture of wood products	57,600	9,085	66,685
Manufacture of paper products; printing and reproduction of recorded media	30,423	19,781	50,203
Manufacture of chemicals and chemical products	14,229	218,964	233,193
Manufacture of basic pharmaceutical products and pharmaceutical preparations	4,045	15,570	19,615
Manufacture of rubber and plastics products, and other non-metallic mineral products	133,440	62,497	195,938
Manufacture of basic metals and fabricated metal products, except machinery and equipment	63,379	68,999	132,378
Manufacture of electrical equipment	6,189	31,578	37,767
Manufacture of machinery and equipment n.e.c.	6,884	5,229	12,113
Manufacture of transport equipment	4,061	87,218	91,280
Manufacture of furniture	34,180	3,302	37,482
Other manufacturing; repair and installation of machinery and equipment	74,820	16,711	91,531
Electricity, gas, steam and air conditioning supply	3,015	1,731	4,746
Water supply; sewerage, waste management and remediation	54	0	54
Construction	54,294	21,642	75,936
Trade and repair of motor vehicles and motorcycles	21,996	177,956	199,952
Wholesale trade (except motor vehicles and motorcycles)	1,790,518	671,230	2,461,748
Retail trade (except motor vehicles and motorcycles)	876,171	496,464	1,372,635
Transportation and storage	48,307	11,346	59,653
Accommodation	20,445	5,862	26,306
Food and beverage service activities	339,147	25,057	364,205
Publishing, audiovisual and broadcasting activities	2,008	1,682	3,689
IT and other information services	822	3,489	4,311
Real estate activities	6	8	14
Professional, scientific and technical activities	710	438	1,148
Administrative and support service activities	5,079	7,033	12,112
Education	1,473	555	2,028
Human health activities	6,494	27,038	33,531
Arts, entertainment and recreation	107	30	137
Other service activities	65,281	24,365	89,646
Total	7,706,677	2,584,338	10,291,015

Source: Myanmar Business Survey (2015)

TABLE 11.17 SIZE DISTRIBUTION OF BUSINESSES (%), BY MAIN ECONOMIC ACTIVITY OF BUSINESS

Main economic activity of business	Number of workers (size of business)			
	0-9 workers	10-49 workers	50+ workers	Total no of businesses
Mining and quarrying	66.3	23.7	10.0	504
Manufacture of food products, beverages and tobacco products	88.9	9.6	1.5	27,127
Manufacture of textiles, wearing apparel, leather and related products	59.4	30.5	10.2	3,830
Manufacture of wood products	87.6	10.4	2.0	1,114
Manufacture of paper products; printing and reproduction of recorded media	85.4	12.6	2.1	1,455
Manufacture of chemicals and chemical products	64.5	22.3	13.3	299
Manufacture of basic pharmaceutical products and pharmaceutical preparations	82.7	13.1	4.2	228
Manufacture of rubber and plastics products, and other non-metallic mineral products	86.1	11.7	2.2	7,137
Manufacture of basic metals and fabricated metal products, except machinery and equipment	88.2	10.8	1.0	3,077
Manufacture of electrical equipment	14.6	29.9	55.5	51
Manufacture of machinery and equipment n.e.c.	81.8	14.1	4.1	187
Manufacture of transport equipment	87.3	11.7	1.1	486
Manufacture of furniture	93.3	5.3	1.3	1,229
Other manufacturing; repair and installation of machinery and equipment	89.0	9.5	1.4	4,109
Electricity, gas, steam and air conditioning supply	86.7	9.9	3.4	104
Water supply; sewerage, waste management and remediation	88.5	11.5	0.0	44
Construction	40.5	33.9	25.7	161
Trade and repair of motor vehicles and motorcycles	94.6	4.9	0.5	5,397
Wholesale trade (except motor vehicles and motorcycles)	83.6	15.8	0.7	8,480
Retail trade (except motor vehicles and motorcycles)	93.0	6.6	0.3	27,492
Transportation and storage	82.9	12.7	4.4	4,150
Accommodation	67.3	24.7	8.0	2,348
Food and beverage service activities	85.8	13.8	0.5	18,890
Publishing, audiovisual and broadcasting activities	92.6	7.0	0.4	560
IT and other information services	96.1	2.5	1.5	332
Real estate activities	78.6	12.8	8.6	29
Professional, scientific and technical activities	87.0	10.6	2.4	318
Administrative and support service activities	91.3	7.1	1.5	1,904
Education	53.4	40.8	5.8	331
Human health activities	74.7	15.2	10.1	610
Arts, entertainment and recreation	91.5	5.8	2.8	320
Other service activities	93.1	6.2	0.7	4,624
Total	79.9	14.3	2.4	126,928

Note: "Number of workers" includes working proprietors, full-time employees, part-time employees and family workers

Source: Myanmar Business Survey(2015)

TABLE 11.18 BUSINESSES OWNING VARIOUS TYPES OF ASSETS (%), BY STATES AND REGIONS

States and Regions	Land	Buildings	Machinery and equipment	Vehicles	Other fixed assets	Intellectual property assets	Total no. of business
Kachin State	63.9	77.5	67.6	56.4	79.5	2.5	2,103
Kayah State	72.3	73.2	66.8	46.0	86.6	0.1	990
Kayin State	64.5	81.6	57.7	18.1	50.5	-	3,018
Chin State	64.2	67.2	53.5	82.5	85.4	-	1,341
Sagaing Region	67.8	84.3	68.7	17.5	57.1	0.3	11,003
Thaninthary Region	62.6	65.2	45.4	26.4	63.9	1.8	10,856
Bago Region	78.7	81.5	56.5	18.0	58.0	1.0	9,125
Magwe Region	78.4	86.4	60.0	28.8	77.8	0.4	11,032
Mandalay Region	72.3	73.9	55.5	24.6	29.6	0.3	18,811
Mon State	85.4	46.2	68.9	40.5	55.2	-	10,140
Rakhine State	50.2	73.0	64.3	25.1	79.1	-	5,973
Yangon Region	41.2	57.0	64.4	21.6	70.5	0.7	22,699
Shan State	60.2	66.1	56.1	35.2	62.3	1.1	10,855
Ayeyarwaddy Region	81.0	89.8	62.9	31.0	63.0	0.5	6,399
Nay Pyi Taw	56.0	75.3	67.2	44.7	79.0	4.2	2,586
Total	65.2	70.7	60.3	27.6	60.7	0.7	126,928

Source : Myanmar Business Survey (2015)



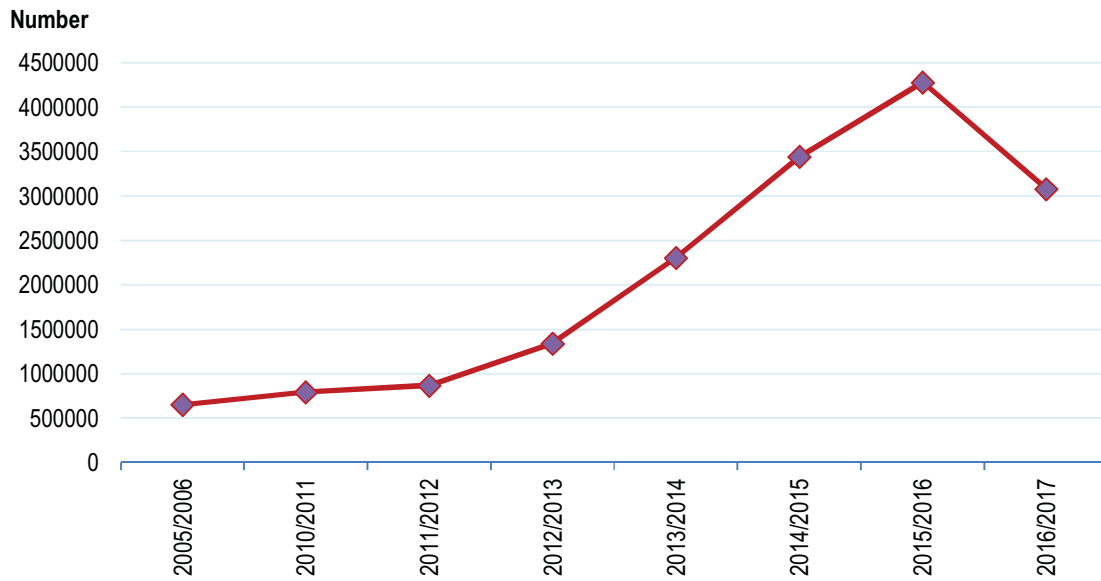
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Tourism



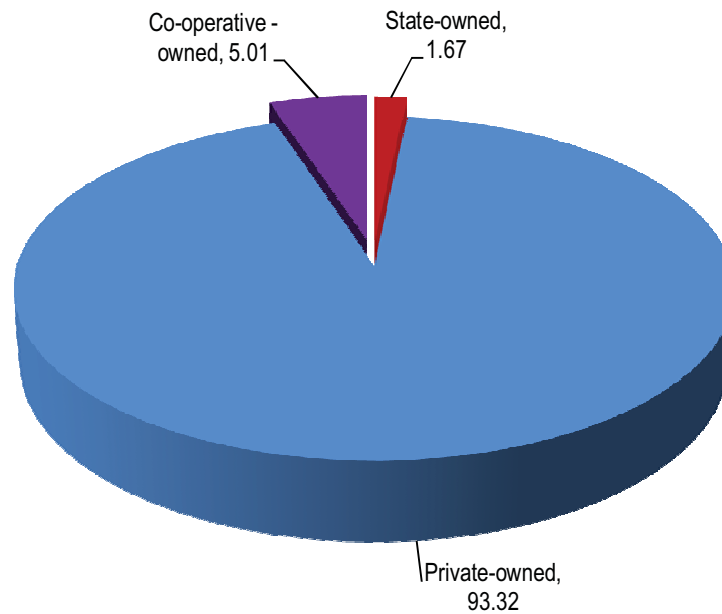
The **growth rate** of total international **tourist arrivals** in 2016-2017 **decreased** 28.0% compared with 2015-2016. | The **five main nationalities** who arrived at Yangon and Mandalay international airports were **Chinese**, 14.30%, **French**, 9.30%, **Japanese**, 8.44%, **American**, 7.86%, and **Korean**, 7.02%. | **Arrivals** from Chinese, Bangladeshi, Israeli, Russian, Indian **increased** by **57.6%**, **52.8%**, **48.8%**, **43.1%** and **39.7%** respectively in 2016-2017 as compared to the previous period.

FIGURE 12.1 INTERNATIONAL TOURIST ARRIVALS



Source: Department of Immigration

FIGURE 12.2 PERCENTAGE DISTRIBUTION OF HOTEL, MOTEL & INNS/GUEST HOUSES BY TYPE OF OWNERSHIP (2016-2017)



Source: Directorate of Hotel and Tourism and Co-operative Department

TOURISM

METHODOLOGY SHEET | International tourism

Responsible Unit (Service or Structure)	Ministry of Hotels and Tourism, Department of Immigration
Level of Disaggregation	Union
Study Variables	Number of international tourists arrivals by sea, by air, by land and tourist arrivals at Yangon and Mandalay International Airports
Classification Variables	Numbers of tourists arrivals and nationalities
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Tourist Arrivals
Tables	12.01,12.02

TABLE 12.01 INTERNATIONAL TOURIST ARRIVALS

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Year	Total	By Air	By Sea	By Land
2005-2006	653549	233453	162130	257966
2010-2011	792738	334278	125223	333237
2012-2013	1339442	681376	159643	498423
2013-2014	2304617	924401	253644	1126572
2014-2015	3443009	1123706	245897	2073406
2015-2016	4279059 (r)	1222417	318369	2738273
2016-2017	3079272	1254536	350253	1474483

Note: Started from 2013-2014, grand total of visitors arrival were also included, who entered border gate special regions and economic zones. From 2016, overseas visitors at border state are only collected from respective Department of immigration. In the past, they were collected from not only respective Department of immigration but also ethnic groups from special region.

Source: Ministry of Hotels and Tourism.

TABLE 12.02 TOURIST ARRIVALS AT YANGON AND MANDALAY INTERNATIONAL AIRPORTS
Years 2010/2011 - 2016/2017, absolute values

Nationality		2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	Male	120568	147906	233408	264468	284341	249697	285534
	Female	96293	122407	187748	224996	261295	208383	224817
American	Male	5024	7238	14507	15237	17053	18668	20866
	Female	3717	5933	12904	14405	16246	17444	19271
Australian	Male	2383	3307	6906	6280	7939	8105	10287
	Female	1846	2608	6595	6165	7683	7454	9619
Bangladeshi	Male	821	247	222	836	835	1468	2138
	Female	128	92	69	605	213	367	666
Belgium	Male	1228	1764	2569	2440	2534	2777	2993
	Female	1205	1666	2383	2322	2498	2812	2869
British	Male	3156	5786	11432	11162	13127	14159	17138
	Female	2047	4620	9696	9648	11327	12570	15471
Canadian	Male	1073	1749	3042	4940	3772	4161	5545
	Female	785	1418	2589	3520	3814	3971	5246
Chinese	Male	18986	17147	20173	26763	29952	29036	46175
	Female	3885	6522	7948	12418	15346	17231	26765
French	Male	6783	9978	14379	14532	17669	17643	22563
	Female	6701	10313	15164	15203	19053	18874	24872
German	Male	5315	7444	11869	10085	13572	13279	15536
	Female	4647	6596	11010	9529	13518	13278	15920
Indian	Male	2097	2242	2995	3552	4508	5270	7286
	Female	688	884	1203	1348	1707	1975	2838
Indonesian	Male	1222	750	1052	1698	292	43	34
	Female	1017	569	975	1775	296	67	58
Israeli	Male	548	798	777	815	976	1044	1576
	Female	502	901	651	745	1040	1032	1513
Italian	Male	3732	4308	4719	6075	5229	6279	7225
	Female	3933	4761	5244	4820	5266	6634	7488
Japanese	Male	6373	9935	21618	19938	22571	25527	29600
	Female	2874	4140	7464	8070	10238	12835	13506
Korean	Male	8189	9114	15474	19513	21301	22408	20893
	Female	5272	6013	9635	13538	15685	17541	14948
Malaysian	Male	7865	10210	13176	12117	12433	11473	13406
	Female	5423	7562	7928	7501	8229	7459	8236
Pakistani	Male	318	308	314	2186	358	401	574
	Female	111	101	94	1337	79	159	179
Russian	Male	1137	1396	1366	2117	1256	1234	1746
	Female	1221	1455	1320	1853	1323	1253	1714
Singaporean	Male	3361	4511	8258	8652	9104	8517	6342
	Female	2309	3030	4598	5606	7141	6734	4265
Swiss	Male	2155	3027	4064	4855	4761	4970	5655
	Female	2183	2857	4103	4264	5266	5350	6261
Thai	Male	19637	20991	34551	43682	56125	14578	713
	Female	29874	27839	43337	59533	82130	19447	639
Taiwanese	Male	4740	4746	9810	13403	10650	9406	11066
	Female	2612	2546	5329	9816	6005	5483	6732
Other ¹	Male	14425	20910	30135	33590	28324	29251	36177
	Female	13313	19981	27509	30975	27192	28413	35741

Note: ¹ Includes Hong Kong, Denmark, Nepal
Mexican, Netherlands, New Zealand, Philippines,
Spanish, Swedish, etc.

Source: Department of Immigration.

METHODOLOGY SHEET | **Licensed tour guides**

Responsible Unit (Service or Structure)	Directorate of Hotels and Tourism
Level of Disaggregation	Union
Study Variables	Licensed tour guides of each language
Classification Variables	Gender and Language
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Limited Tour Guides
Tables	12.03

TABLE 12.03 LICENSED TOUR GUIDES
Years 2005, 2010, 2012 – 2016, absolute values

Language	Gender	2005	2010	2012	2013	2014	2015	2016
TOTAL	Male	1646	1914	1475	1655	2273	2683	3476
	Female	2433	2163	1745	2013	2573	2947	3473
	Total	4079	4077	3220	3668	4846	5630	6949
English	Male	1131	1348	995	1105	1165	1185	1320
	Female	1530	1241	962	1083	1131	1164	1254
	Total	2661	2589	1957	2188	2296	2349	2574
Spanish	Male	30	50	50	50	51	47	48
	Female	42	60	58	61	59	59	59
	Total	72	110	108	111	110	106	107
Japanese	Male	209	179	138	160	141	121	139
	Female	349	305	205	243	243	231	195
	Total	558	484	343	403	384	352	334
French	Male	59	92	73	83	87	87	92
	Female	161	188	163	194	195	191	187
	Total	220	280	236	277	282	278	279
Chinese	Male	83	73	56	56	55	50	42
	Female	125	98	77	77	76	73	82
	Total	208	171	133	133	131	123	124
Thai	Male	53	49	49	58	64	66	72
	Female	57	59	59	73	74	84	93
	Total	110	108	108	131	138	150	165
German	Male	51	80	69	85	89	83	72
	Female	130	155	160	179	179	178	188
	Total	181	235	229	264	268	261	260
Russian	Male	7	12	13	22	27	24	28
	Female	15	24	26	42	42	42	42
	Total	22	36	39	64	69	66	70
Italian	Male	19	24	24	27	27	24	31
	Female	16	20	20	41	41	40	35
	Total	35	44	44	68	68	64	66
Korean	Male	4	7	8	9	9	7	15
	Female	8	13	15	20	21	19	16
	Total	12	20	23	29	30	26	31
Regional Guide	Male	-	-	-	-	558	989	1617
	Female	-	-	-	-	512	866	1322
	Total	-	-	-	-	1070	1855	2939

Note : Tour Guide License has been issued since 1992.

Source: Directorate of Hotels and Tourism.

METHODOLOGY SHEET | **HOTELS, MOTELS AND INNS/GUEST HOUSES**

Responsible Unit (Service or Structure)	Directorate of Hotels and Tourism and Co-operative Department
Level of Disaggregation	Union, States and Regions
Study Variables	hotels, motels ,inns/guest houses, rooms and beds
Classification Variables	Type of ownership
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Townships Hotels, Motels and Inns/Guest Houses
Tables	12.04

TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2005-2006			2010-2011			2012-2013		
	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds
Grand Total	653	19977	39644	768	24914	49534	870	30187	60181
State-owned									
Sagaing Region	1	60	120	1	70	140	-	-	-
Bago Region	-	-	-	2	150	300	1	18	36
Mandalay Region	2	150	300	12	630	1260	10	509	1018
Mon State	10	417	834	2	121	242	1	149	298
Rakhine State	2	120	240	3	138	276	1	24	48
Yangon Region	3	138	276	6	423	846	6	363	726
Shan State	2	70	140	9	491	982	4	210	420
Ayeyarwady Region	9	490	980	3	139	278	2	115	230
Tanintharyi Region	3	121	242	1	42	84	1	54	108
Total	32	1566	3132	39	2204	4408	26	1442	2884
Private-owned									
Kachin State	14	385	770	17	459	918	18	495	990
Kayah State	1	24	48	3	44	88	6	109	218
Kayin State	3	60	120	7	172	344	7	185	370
Sagaing Region	7	122	244	9	153	306	14	348	696
Tanintharyi Region	6	397	794	9	492	984	10	544	1088
Bago Region	29	415	830	31	620	1240	35	870	1740
Magway Region	7	101	202	10	154	308	15	287	574
Mandalay Region	173	4900	9800	198	6801	13602	228	8363	16726
Mon State	12	191	382	17	357	714	20	503	1006
Rakhine State	14	382	764	22	597	1194	30	933	1866
Yangon Region	161	6634	13268	178	7245	14490	202	8747	17494
Shan State	112	2790	5580	127	3166	6332	150	4478	8956
Ayeyarwady Region	35	1199	2398	38	1393	2786	45	1785	3570
Chin State	-	-	-	-	-	-	-	-	-
Total	574	17600	35200	666	21653	43306	780	27647	55294
Co-Operative-owned									
Kachin State	-	-	-	-	-	-	1	13	26
Kayah State	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	3	13	70	3	13	75
Chin State	-	-	-	-	-	-	-	-	-
Sagaing Region	3	49	86	5	68	136	3	51	110
Tanintharyi Region	-	-	-	-	-	-	5	68	75
Bago Region	5	50	60	5	82	124	5	82	124
Magway Region	3	33	46	4	43	58	4	39	58
Mandalay Region	8	278	518	9	304	574	9	304	574
Mon State	-	-	-	-	-	-	1	16	34
Rakhine State	-	-	-	2	35	70	1	13	26
Yangon Region	18	281	424	5	69	108	3	71	255
Shan State	-	-	-	19	307	470	19	292	436
Ayeyarwady Region	10	120	178	11	136	210	10	136	210
Nay Pyi Taw	-	-	-	-	-	-	-	-	-
Total	47	811	1312	63	1057	1820	64	1098	2003

TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES (cont'd)

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2013-2014			2014-2015		
	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds
Grand Total	1037	38017	75490	1214	46326	92113
State-owned						
Sagaing Region	-	-	-	-	-	-
Bago Region	1	18	36	1	18	36
Mandalay Region	10	509	1018	10	509	1018
Mon State	1	149	298	1	149	298
Rakhine State	1	24	48	1	24	48
Yangon Region	6	363	726	6	363	726
Shan State	4	210	420	4	210	420
Ayeyarwady Region	2	115	230	2	115	230
Tanintharyi Region	1	54	108	1	54	108
Total	26	1442	2884	26	1442	2884
Private-owned						
Kachin State	21	607	1214	24	698	1396
Kayah State	7	135	270	8	175	350
Kayin State	9	284	568	10	325	650
Sagaing Region	16	462	924	20	673	1346
Tanintharyi Region	16	754	1508	21	1104	2208
Bago Region	40	994	1988	44	1112	2224
Magway Region	17	347	694	24	559	1118
Mandalay Region	292	12236	24472	339	14389	28778
Mon State	30	937	1874	37	1228	2456
Rakhine State	34	1092	2184	41	1269	2538
Yangon Region	238	10445	20890	292	13627	27254
Shan State	173	5150	10300	208	6523	13046
Ayeyarwady Region	52	2139	4278	53	2180	4360
Chin State	-	-	-	1	27	54
Total	945	35582	71164	1122	43889	87778
Cooperative-owned						
Kachin State	2	34	49	2	34	49
Kayar State	-	-	-	-	-	-
Kayin State	1	23	46	1	21	42
Chin State	3	13	15	3	13	15
Sagaing Region	3	51	80	3	51	80
Tanintharyi Region	5	68	69	5	68	69
Bago Region	5	82	65	5	82	65
Magway Region	4	39	67	4	39	67
Mandalay Region	7	155	249	7	155	249
Mon State	1	15	30	1	15	30
Rakhine State	1	10	30	1	10	30
Yangon Region	3	63	92	3	63	92
Shan State	20	282	448	20	282	448
Ayeyarwady Region	9	92	113	9	92	113
Nay Pyi Taw	2	66	89	2	70	102
Total	66	993	1442	66	995	1451

TABLE 12.04 HOTELS, MOTELS AND INNS/GUEST HOUSES (concl'd)
Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Particulars	2015-2016			2016-2017		
	No. of hotels, motels and inns	No. of rooms	No. of beds	No. of hotels, motels and inns	No. of rooms	No. of beds
Grand Total	1398	53024	105532	1557	59476	118269
State-owned						
Sagaing Region	-	-	-	-	-	-
Bago Region	1	18	36	1	18	36
Mandalay Region	10	523	1046	10	523	1046
Mon State	1	149	298	1	149	298
Rakhine State	1	24	48	1	24	48
Yangon Region	6	363	726	6	363	726
Shan State	4	210	420	4	210	420
Ayeyarwady Region	2	145	290	2	138	276
Tanintharyi Region	1	54	108	1	54	108
Total	26	1486	2972	26	1479	2958
Private-owned						
Kachin State	26	733	1466	27	751	1502
Kayah State	9	201	402	15	313	626
Kayin State	19	652	1304	20	720	1440
Sagaing Region	23	800	1600	27	1098	2196
Tanintharyi Region	29	1277	2554	35	1397	2794
Bago Region	52	1262	2524	57	1402	2804
Magway Region	28	633	1266	30	739	1478
Mandalay Region	388	16206	32412	416	17261	34522
Mon State	43	1383	2766	48	1428	2856
Rakhine State	43	1308	2616	48	1514	3028
Yangon Region	331	15745	31490	357	17837	35674
Shan State	255	8070	16140	301	9551	19102
Ayeyarwady Region	59	2225	4450	67	2632	5264
Chin State	4	99	198	5	127	254
Total	1309	50594	101188	1453	56770	113540
Co-Operative-owned						
Kachin State	2	28	40	5	34	49
Kayar State	1	13	30	2	22	35
Kayin State	1	21	42	1	19	26
Chin State	3	7	11	3	13	27
Sagaing Region	3	45	60	4	45	170
Tanintharyi Region	5	68	69	4	68	69
Bago Region	4	61	58	5	160	116
Magway Region	4	48	75	7	39	67
Mandalay Region	7	104	200	9	204	360
Mon State	1	15	30	2	30	50
Rakhine State	1	13	40	1	10	30
Yangon Region	3	62	90	4	63	65
Shan State	18	277	400	20	335	492
Ayeyarwady Region	8	112	125	9	115	113
Nay Pyi Taw	2	70	102	2	70	102
Total	63	944	1372	78	1227	1771

Notes: (1) Private-owned hotels, motels and inns/guest houses have to be registered since 1991.

(2) Joint venture hotels have been included in Private owned category.

(3) State-owned includes state-owned hotel, joint venture hotel and leased hotel.

(4) Co-operative owned by Hotels and Motels was established since 1963.

Sources : 1. Directorate of Hotels and Tourism.
2. Co-operative Department.

METHODOLOGY SHEET | **Business and Enterprises in Tourism Industry**

Responsible Unit (Service or Structure)	Directorate of Hotels and Tourism
Level of Disaggregation	Union
Study Variables	Number of registered exporters limited companies, partnership and Joint-Venture Companies Limited
Classification Variables	Registered Enterprises and Business in Tourism Industry
Type of Dissemination	Publication (Book and CD Rom), on line databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Enterprises , Business
Tables	12.05

TABLE 12.05 REGISTERED EXPORTERS LIMITED COMPANIES, PARTNERSHIP AND JOINT-VENTURE COMPANIES LIMITED

Years 2005/2006, 2010/2011, 2012/2013 - 2016/2017, absolute values

Enterprises	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Tourist Enterprises							
(a) Inbound	678	687	1040	1439	1670	2057	2429
(b) Outbound	-	-	-	-	-	134	407
Tourist Transport Business	442	209	190	205	360	518	2391
Hotel Business	438	555	618	741	877	993	1073
Lodging-House Business	168	150	188	230	271	342	406
Tour Guide Business	4157	4189	3520	3680	3783	3939	4154
Regional Guides	-	-	-	634	1188	2369	3183

Source : Directorate of Hotels and Tourism.



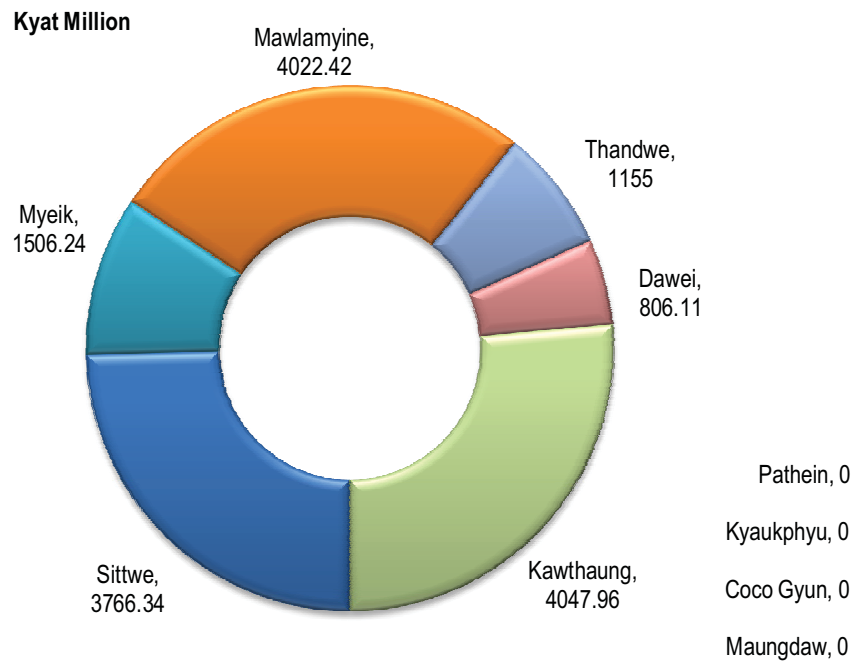
13

Coastal Trade



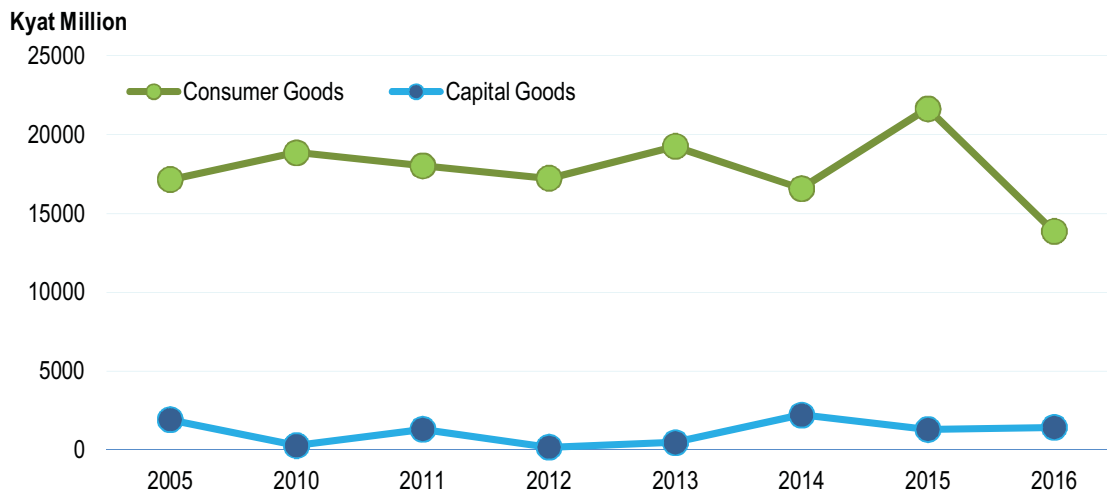
Coastal Trade value of **Domestic Seaports** (Out-Shipment) was **25,511.47** Kyat millions in 2016. | Coastal Trade of **Yangon** with other **domestic seaports** (Out-Shipment) decreased by **36%** for **consumer** goods in 2016 over 2015 and increased by **10%** for **capital** goods. | **Coastal Trade** of **Yangon** with other domestic seaports (In-Shipment) were decreased by **5,270** for **consumer** goods and increased by **1,965** for **capital** goods, as compared to the previous years.

FIGURE 13.1 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS (OUT-SHIPMENT) (2016)



Sources: Customs Department and Central Statistical Organization

FIGURE 13.2 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS BY COMMODITY (OUT-SHIPMENT)



Sources: Customs Department and Central Statistical Organization

COASTAL TRADE

METHODOLOGY SHEET | Coastal Trade

Responsible Unit (Service or Structure)	Central Statistical Organization, Customs Department
Level of Disaggregation	Union
Study Variables	Yangon with other Domestic Seaports (Out-Shipment, In-Shipment)
Classification Variables	By seaports and by commodities (Out-Shipments, In-Shipments)
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily, Monthly, Yearly
Units	Coastal Trade
Tables	13.01, 13.02, 13.03, 13.04, 13.05

TABLE 13.01 COASTAL TRADE OF DOMESTIC SEAPORTS (OUT-SHIPMENT)

Years 2005, 2010, 2012-2016, absolute values in millions of kyat

Commodity	2005	2010	2012	2013	2014	2015	2016
GRAND TOTAL	14675.29	7698.78	8340.56	8003.08	263.36	17443.02	10207.40
CONSUMER GOODS	11591.55	7182.93	7635.81	7542.16	200.91	11836.58	6566.00
Food, Drink and Edible Oil	3379.67	4514.14	5023.60	3685.96	166.08	1186.00	182.39
Textiles	34.49	2.26	4.17	10.90	-	88.11	0.32
Medicine	44.01	15.59	0.42	19.21	-	241.94	40.42
Fuel	477.50	3.58	155.38	11.72	-	1.55	3.40
Materials Raw and Semi-Manufactured (for the Manufacture of Consumer Goods)	4898.09	1060.94	446.82	874.38	3.96	7890.54	3035.07
Others (Including Tyres and Tubes)	2757.79	1586.42	2005.42	2939.99	30.87	2428.44	3304.40
CAPITAL GOODS	3083.74	515.85	704.75	460.92	62.45	5606.44	3641.40
Building Materials	825.59	279.35	410.17	255.61	36.45	4034.24	2040.59
Machinery, Appliance and Apparatus	573.83	14.66	49.72	3.05	-	13.43	32.72
Private Motorcars	340.77	76.24	67.01	124.14	-	86.50	20.1
Bicycles and Parts	-	2.51	-	-	-	0.27	-
Other Transport Equipment	568.83	-	15.23	-	26.00	30.40	8.12
Others	774.72	143.09	162.62	78.12	-	1441.60	1539.87

Sources: 1. Customs Department.
2. Central Statistical Organization.

TABLE 13.02 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS (OUT-SHIPMENT)

Years 2005, 2010, 2012-2016, absolute values in millions of kyat

Seaport	2005	2010	2012	2013	2014	2015	2016
GRAND TOTAL	19091.06	19132.44	17425.44	19729.46	18794.79	22946.55	15304.07
Sittwe	2517.19	5768.25	2636.61	3855.43	3816.19	5056.82	3766.34
Patheingyi	-	-	-	497.5	-	40.95	-
Coco Gyun	0.11	27.89	-	-	-	-	-
Kyaukpadaung	143.76	0.08	-	7.24	1.13	-	-
Myeik	6569.25	4658.93	2254.83	5742.23	3573.84	4317.24	1506.24
Mawlamyaing	3355.53	4470.00	5992.57	3495.02	3230.31	4441.97	4022.42
Thandwe	840.60	967.50	1187.00	2056.49	2202.00	2040.29	1155.00
Dawei	1372.26	1379.15	3250.49	810.76	1417.22	2458.28	806.11
Kawthaung	4292.36	1860.64	2103.94	3264.79	4554.09	4591.00	4047.96
Maungdaw	-	-	-	-	-	-	-

Sources: 1. Customs Department.
2. Central Statistical Organization.

TABLE 13.03 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS BY COMMODITY (OUT-SHIPMENT)

Years 2005, 2010, 2012-2016, absolute values in millions of kyat

Commodity	2005	2010	2012	2013	2014	2015	2016
GRAND TOTAL	19091.06	19132.44	17425.44	19729.46	18794.79	22946.55	15304.07
CONSUMERS GOODS	17164.28	18854.57	17247.16	19270.78	16579.47	21642.03	13870.53
Food, Drink and Edible Oil	7282.15	302.15	1291.93	5507.95	3561.44	2597.38	333.47
Textiles	-	5.14	2.11	13.14	7.45	17.13	-
Medicine	23.00	277.83	3.23	96.52	321.12	363.23	45.92
Fuel	8542.97	11217.40	15209.21	12152.75	7920.16	12032.78	10899.94
Materials Raw and Semi-Manufactured (for the Manufacture of Consumer Goods)	746.10	427.19	176.67	327.98	2179.50	973.75	1186.56
Others (Including Tyres and Tubes)	570.06	6624.86	564.01	1172.44	2589.80	5657.76	1404.64
CAPITAL GOODS	1926.78	277.87	178.28	458.68	2215.32	1304.52	1433.54
Building Materials	549.49	167.50	63.53	405.57	305.78	1049.84	625.47
Machinery, Appliance and Apparatus	871.53	29.30	13.80	2.00	0.49	12.14	15.09
Private Motorcars	270.91	48.09	37.46	12.69	379.75	93.39	47.37
Bicycles and Parts	9.32	-	-	0.01	-	0.64	-
Other Transport Equipment	17.10	-	55.09	-	273.36	103.23	461.84
Others	208.43	32.98	8.40	38.41	1255.94	45.28	283.77

Sources: 1. Customs Department.
2. Central Statistical Organization.

TABLE 13.04 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS (IN-SHIPMENT)

Years 2005, 2010, 2012-2016, absolute values in millions of kyat

Seaport	2005	2010	2012	2013	2014	2015	2016
GRAND TOTAL	14675.29	7698.78	8340.56	8003.08	263.36	17443.02	10207.40
Sittwe	6838.97	1695.99	689.23	620.80	-	151.57	66.05
Patheingyi	-	-	-	-	-	-	-
Coco Gyun	7.44	-	-	-	-	-	-
Kyaukpadaung	0.51	2.99	0.30	-	-	-	-
Myeik	4075.40	2484.36	2459.02	1793.27	-	275.63	53.53
Mawlamyine	1.02	-	0.10	-	-	237.07	70.49
Thandwe	4.75	-	-	-	-	-	-
Dawei	347.14	1.55	17.52	-	-	-	3.68
Kawthaung	3400.06	3513.89	5174.39	5589.01	263.36	16778.75	10013.65
Maungdaw	-	-	-	-	-	-	-

Sources: 1. Customs Department.
2. Central Statistical Organization.

TABLE 13.05 COASTAL TRADE OF YANGON WITH OTHER DOMESTIC SEAPORTS BY COMMODITY (IN-SHIPMENT)

Years 2005, 2010, 2012-2016, absolute values in millions of kyat

Commodity	2005	2010	2012	2013	2014	2015	2016
GRAND TOTAL	14675.29	7698.78	8340.56	8003.08	263.36	17443.02	10207.40
CONSUMER GOODS	11591.55	7182.93	7635.81	7542.16	200.91	11836.58	6566.00
Food, Drink and Edible Oil	3379.67	4514.14	5023.60	3685.96	166.08	1186.00	182.39
Textiles	34.49	2.26	4.17	10.90	-	88.11	0.32
Medicine	44.01	15.59	0.42	19.21	-	241.94	40.42
Fuel	477.50	3.58	155.38	11.72	-	1.55	3.40
Materials Raw and Semi-Manufactured (for the Manufacture of Consumer Goods)	4898.09	1060.94	446.82	874.38	3.96	7890.54	3035.07
Others (Including Tyres and Tubes)	2757.79	1586.42	2005.42	2939.99	30.87	2428.44	3304.40
CAPITAL GOODS	3083.74	515.85	704.75	460.92	62.45	5606.44	3641.40
Building Materials	825.59	279.35	410.17	255.61	36.45	4034.24	2040.59
Machinery, Appliance and Apparatus	573.83	14.66	49.72	3.05	-	13.43	32.72
Private Motorcars	340.77	76.24	67.01	124.14	-	86.50	20.1
Bicycles and Parts	-	2.51	-	-	-	0.27	-
Other Transport Equipment	568.83	-	15.23	-	26.00	30.40	8.12
Others	774.72	143.09	162.62	78.12	-	1441.60	1539.87

Sources: 1. Customs Department.
2. Central Statistical Organization.



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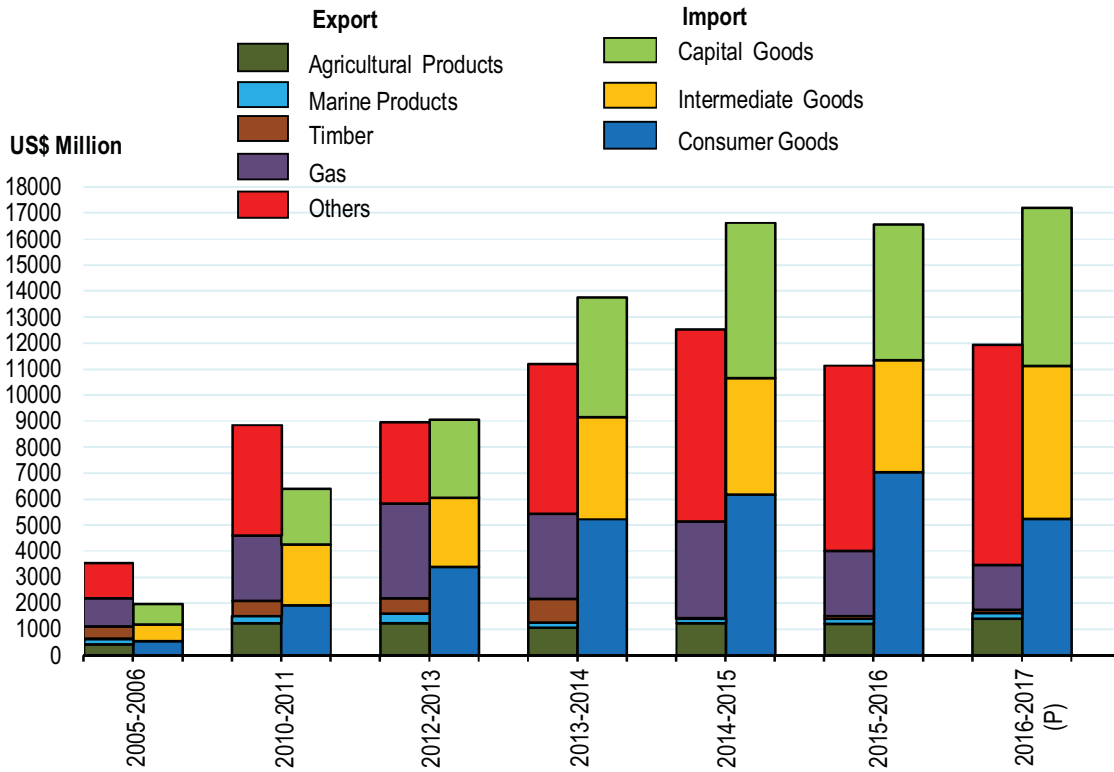
Foreign Trade and Internationalization



In 2015-2016, the value of **export** was **11,136.9** US\$ millions, that of **import** **16,577.9** US\$ millions. | The **trade balance** recorded a **deficit** of **5,441.0** US\$ millions. | The main products **exported** in 2015-2016 were gas, pulses and garment. | The main products **imported** were machinery non-electric and transport equipment, base metals and manufactures and refined mineral oil. | **China** is the main trading **partner** of Myanmar. | The highest **Foreign Direct Investment (FDI) inflows** during 2016-2017 was from **Singapore**. | **Transport** and **Communication** was the main sector of Foreign Direct Investment **permitted enterprises**. | **Real estate** was the leading sector among **Myanmar Citizens Investment** of permitted enterprises in 2016-2017.

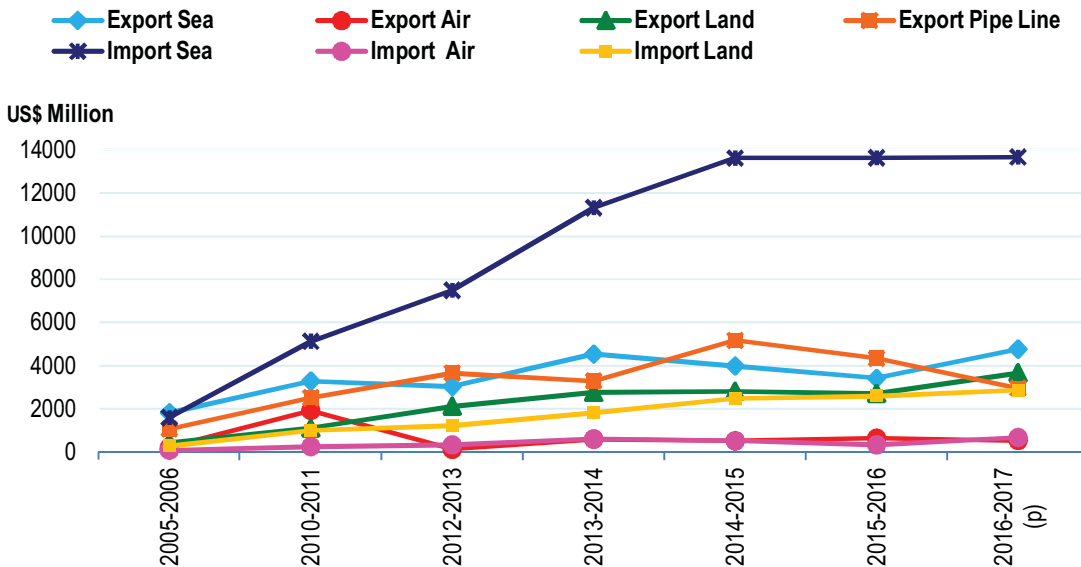


FIGURE 14.1 VALUE OF FOREIGN TRADE



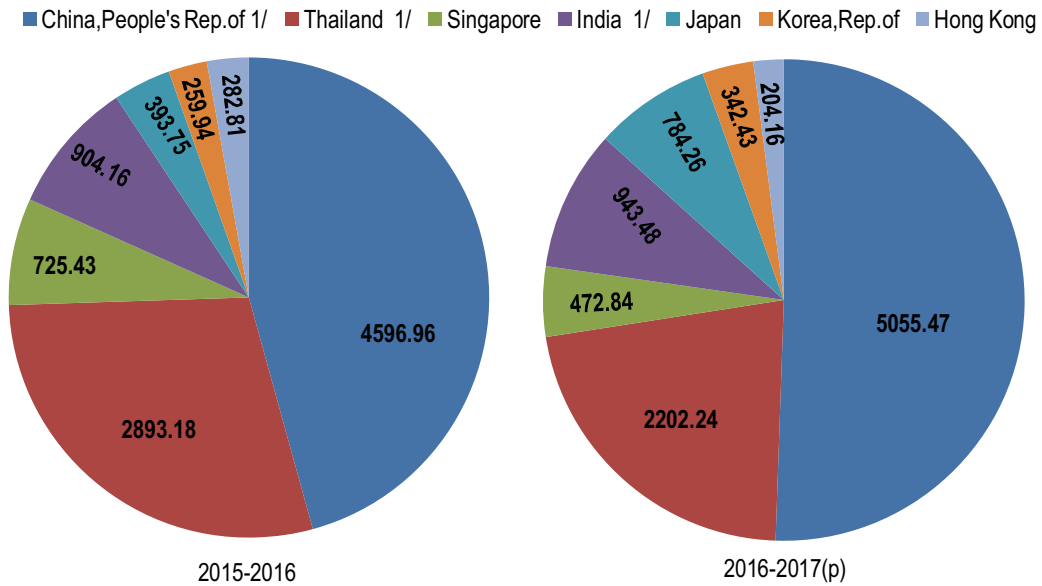
Source: Customs Department

FIGURE 14.2 EXPORT AND IMPORT BY AIR, SEA, LAND AND PIPE LINE



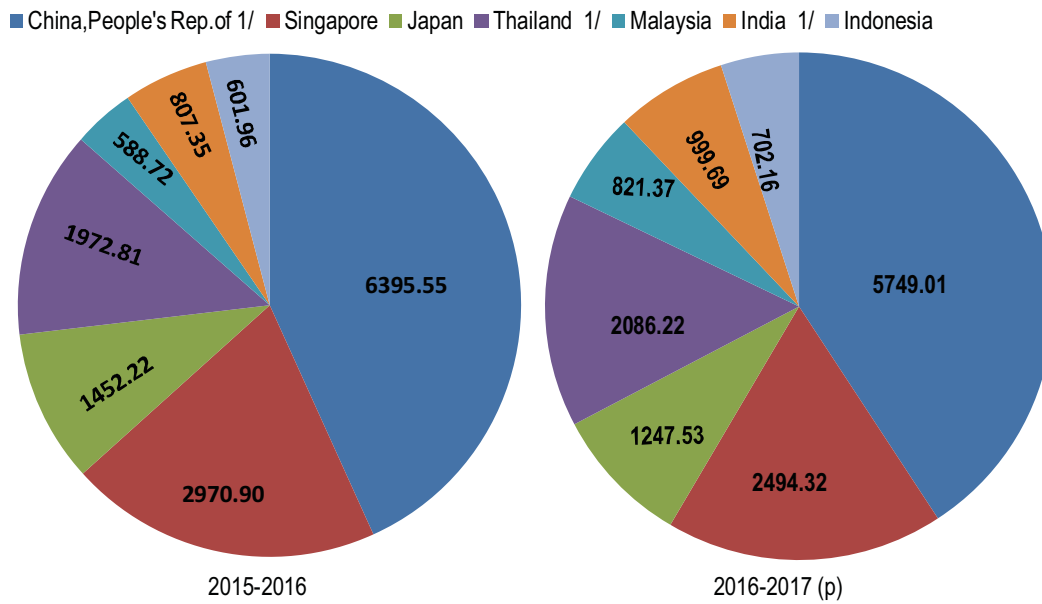
Source: Customs Department

FIGURE 14.3 DIRECTION OF EXPORT BY MAJOR COUNTRY



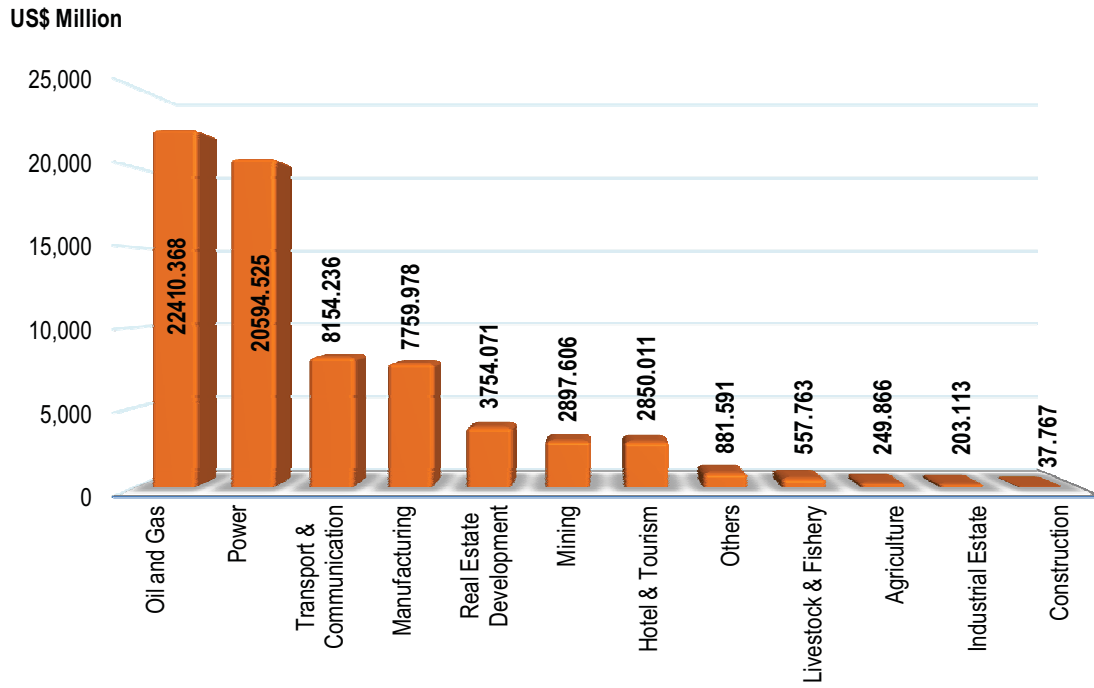
Source: Customs Department

FIGURE 14.4 DIRECTION OF IMPORT BY MAJOR COUNTRY



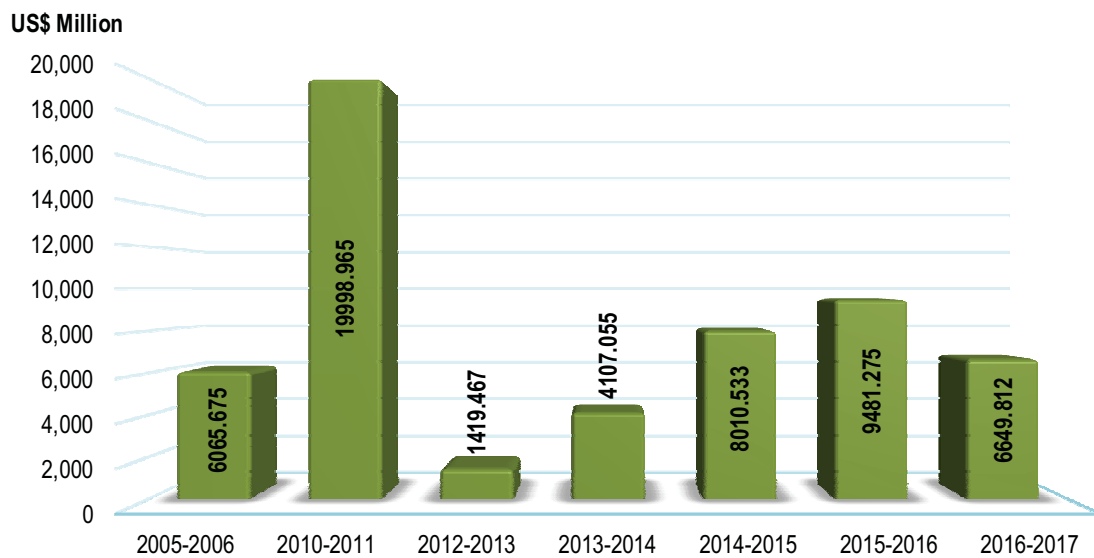
Source: Customs Department

FIGURE 14.5 FOREIGN INVESTMENT BY SECTOR
(cumulative total as of March 31, 2017)



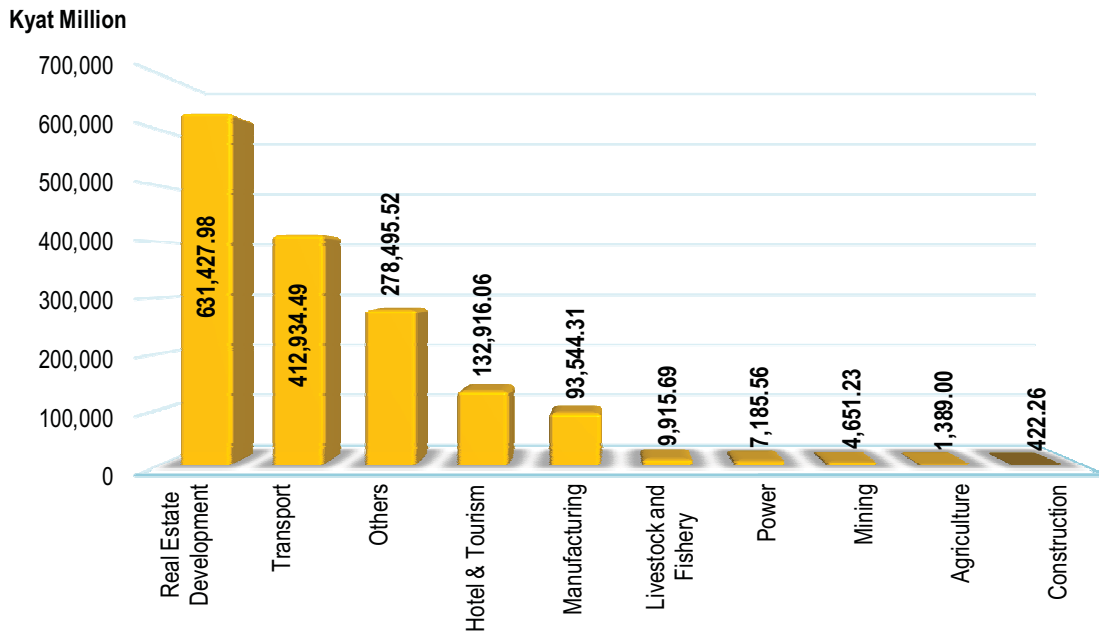
Source : Directorate of Investment and Company Administration

FIGURE 14.6 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES



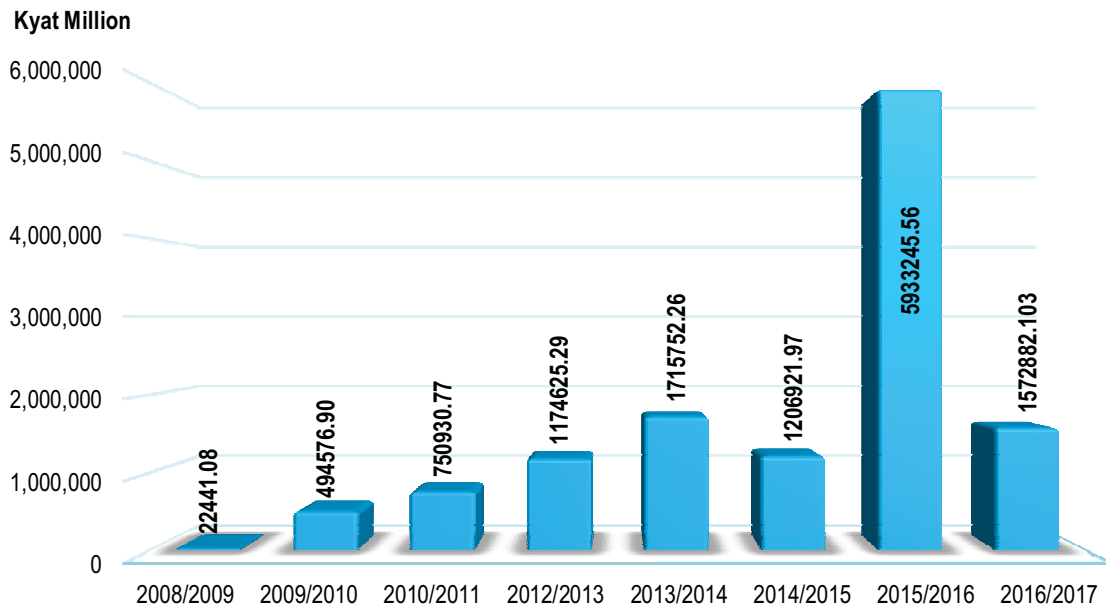
Source : Directorate of Investment and Company Administration

FIGURE 14.7 MYANMAR CITIZENS INVESTMENT BY SECTOR (2016-2017)



Source : Directorate of Investment and Company Administration

FIGURE 14.8 TOTAL MYANMAR CITIZENS INVESTMENT



Source : Directorate of Investment and Company Administration

FOREIGN TRADE AND INTERNATIONALIZATION

METHODOLOGY SHEET | Foreign Trade

Responsible Unit (Service or Structure)	Customs Department, Central Bank of Myanmar.
Level of Disaggregation	Union
Study Variables	Export, Import, Balance of Trade, Balance of Payments
Classification Variables	Export and Import by Air, Sea, Land and Pipe Line, Export by Type of Principal Commodities, Direction of Export by Country, Import of Principal Commodities, Direction of Import by Country, Balance of Payments(Receipts, Payments)
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Weekly, Monthly, Yearly from every department
Units	Exports, Imports
Tables	14.01, 14.02, 14.03, 14.04, 14.05, 14.06, 14.07, 14.08, 14.09, 14.10, 14.11, 14.12, 14.13, 14.14, 14.15

TABLE 14.01 VALUE OF FOREIGN TRADE

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in US \$ Millions

Year	Export	Import	Balance of Trade
2005-2006	3558.0	1984.4	(+) 1573.6
2010-2011	8861.0	6412.7	(+) 2448.3
2012-2013	8977.0	9068.9	(-) 91.9
2013-2014	11204.0	13759.5	(-) 2555.5
2014-2015	12523.7	16632.6	(-) 4108.9
2015-2016	11136.9 (r)	16577.9 (r)	(-) 5441.0 (r)
2016-2017 (p)	11951.6	17211.1	(-) 5259.5

Notes: 1. Data include border trade.

Sources: Customs Department.

2. Export include re-export.

3. Import include draw-back items.

TABLE 14.02 TERMS OF TRADE

Years 2005/2006, 2010/2011, 2012/2013-2016/2017

Year	Unit Value Index		Terms of Trade
	Export	Import	
		(Base Year 2005-06=100)	
2005-2006	100.0	100.0	100.0
		(Base Year 2010-11=100)	
2010-2011	100.0	100.0	100.0
2012-2013	105.8	122.6	86.3
2013-2014	119.9	136.8	87.6
2014-2015	120.1	139.6	86.0
		(Base Year 2015-16=100)	
2015-2016	100.0	100.0	100.0
2016-2017 (p)	110.2	120.2	91.7

Source: Customs Department.

TABLE 14.03 EXPORT AND IMPORT BY AIR, SEA, LAND AND PIPE LINE
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Year	Export					Import			
	Sea	Air	Land	Pipe Line	Total	Sea	Air	Land	Total
2005-2006	1826.83	221.31	430.30	1079.59	3558.03	1599.05	93.73	291.63	1984.41
2010-2011	3292.18	1931.95	1114.35	2522.53	8861.01	5134.15	262.74	1015.84	6412.73
2012-2013	3041.79	135.17	2133.97	3666.08	8977.01	7494.17	336.19	1238.55	9068.91
2013-2014	4537.88	605.67	2761.19	3299.22	11203.96	11316.24	616.36	1826.90	13759.50
2014-2015	3992.69	530.81	2821.66	5178.55	12523.71	13610.08	528.41	2494.14	16632.63
2015-2016	3420.36	653.89	2719.36 (r)	4343.27	11136.88 (r)	13625.87	347.14	2604.93 (r)	16577.94 (r)
2016-2017 (p)	4768.50	544.88	3668.33	2969.93	11951.64	13659.38	684.50	2867.19	17211.07

Source: Customs Department.

TABLE 14.04 EXPORT BY TYPE OF PRINCIPAL COMMODITIES

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
TOTAL EXPORTS	US.\$	3558	8861	8977	11204	12524	11137	11952
AGRICULTURAL PRODUCTS	US.\$	435	1228	1245	1058	1240	1224	1414
Rice and rice products	US.\$	37	198	213	134	151	102	202
	M.T.	180	536	609	391	461	319	691
Pulses	US.\$	322	800	845	743	951	990	1046
	M.T.	865	829	1353	1132	1242	1020	1033
Maize	US.\$	11	11	7	*	2	*	14
	M.T.	90	45	25	1	5	1	76
Oilcakes	US.\$	-	*	*	*	1	*	*
	M.T.	-	*	*	*	*	*	*
Raw rubber	US.\$	35	154	86	72	38	31	56
	M.T.	29	47	29	31	28	31	42
Raw cotton	US.\$	-	3	*	*	*	-	-
	M.T.	-	2	*	*	*	-	-
Raw jute	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Other Agricultural Products	US.\$	30	62	94	109	97	101	96
ANIMAL PRODUCTS	US.\$	4	13	20	11	8	7	7
MARINE PRODUCTS	US.\$	197	287	373	206	160	187	224
Fish	US.\$	88	200	282	158	109	128	137
	M.T.	74	140	137	124	106	130	121
Prawn	US.\$	99	65	65	31	30	28	38
	M.T.	20	18	20	14	12	11	11
Other Marine Products	US.\$	10	22	26	17	21	31	49
TIMBER	US.\$	474	594	574	898	40	105	118
	Cu.ton	970	961	1244	1539	23	65	67
Teak	US.\$	296	307	356	667	36	81	81
	Cu.ton	333	244	506	936	19	43	36
Hardwood	US.\$	178	287	218	231	4	24	37
	Cu.ton	637	717	738	603	4	22	31
BASE METAL AND ORES	US.\$	112	42	71	107	426	351	473
	M.T.	30	8	9	16	85	68	115
PRECIOUS AND SEMI- PRECIOUS MINERALS	US.\$	233	2028	12	604	280	280	154
Silver	US.\$	-	*	-	-	-	-	-
	Std.oz	-	22	-	-	-	-	-
Precious Stones and Pearls	US.\$	233	2028	12	604	280	280	154
GAS	US.\$	1080	2523	3666	3299	3707	2514	1728
	Mil.Cu.ft	322722	410370	-	-	-	-	-
	KG	-	-	9147333	8636214	10218973	9565531	9084517
GARMENT	US.\$	272	379	695	883	1022	857	1867
OTHER COMMODITIES ^{1/}	US.\$	751	1767	2321	4138	5639	5612	5967

Note: ^{1/} Data include border trade.

*Less than one unit.

Sources: Customs Department.

TABLE 14.05 DIRECTION OF RICE EXPORT TRADE

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2012-2013	2013-2012	2014-2015	2015-2016	2016-2017 (p)
TOTAL	US.\$	36.57	198.08	212.75	134.00	150.80	102.09	202.06
	M.T.	180	536	609	391	461	319	691
SOUTH EAST ASIA	US.\$	9.87	6.27	61.82	47.25	31.75	17.15	15.87
	M.T.	49	17	178	140	97	53	54
Malaysia	US.\$	6.24	0.33	0.68	5.44	3.23	0.05	0.14
	M.T.	31	1	2	16	10	*	*
Indonesia	US.\$	0.09	-	5.42	7.45	12.16	6.06	2.11
	M.T.	1	-	16	23	37	15	8
Singapore	US.\$	3.54	5.94	27.39	23.63	11.06	10.68	13.41
	M.T.	17	16	78	70	34	37	46
Cambodia	US.\$	-	-	-	-	0.17	-	-
	M.T.	-	-	-	-	1	-	-
Philippines	US.\$	-	-	6.97	-	1.12	0.24	0.02
	M.T.	-	-	19	-	3	1	*
Vietnam-Socialist Rep.of	US.\$	-	-	9.43	6.47	2.67	-	0.11
	M.T.	-	-	28	19	8	-	*
Others	US.\$	-	-	11.93	4.26	1.34	0.12	0.08
	M.T.	-	-	35	12	4	*	*
REST OF ASIA	US.\$	6.11	63.29	24.10	45.53	26.25	17.75	38.82
	M.T.	31	175	71	131	79	55	124
China, People's Rep.of	US.\$	-	-	8.08	22.57	6.73	16.88	18.37
	M.T.	-	-	24	66	20	52	55
Sri Lanka	US.\$	-	-	-	-	2.86	-	16.20
	M.T.	-	-	-	-	9	-	57
India	US.\$	3.59	1.05	13.37	14.82	9.05	0.26	0.25
	M.T.	17	3	39	44	27	1	*
Maldives	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Korea, Republic of	US.\$	-	-	0.87	0.10	-	0.09	*
	M.T.	-	-	3	*	-	*	*
Bangladesh	US.\$	2.10	58.11	0.41	3.20	1.02	0.21	-
	M.T.	12	161	1	10	3	1	-
Others	US.\$	0.42	4.13	1.37	4.84	6.59	0.31	4.00
	M.T.	2	11	4	11	20	1	12

TABLE 14.05 DIRECTION OF RICE EXPORT TRADE (concl'd)
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
MIDDLE EAST	US.\$	18.50	0.45	3.53	2.58	10.79	1.79	6.13
	M.T.	90	1	10	8	33	5	21
Iran	US.\$	2.83	0.09	-	-	1.94	-	-
	M.T.	13	*	-	-	6	-	-
Oman	US.\$	-	-	-	-	-	0.10	-
	M.T.	-	-	-	-	-	*	-
Others	US.\$	15.67	0.36	3.53	2.58	8.85	1.69	6.13
	M.T.	77	1	10	8	27	5	21
AMERICA	US.\$	-	-	3.41	3.69	6.54	0.73	2.17
	M.T.	-	-	11	11	20	2	6
United States	US.\$	-	-	0.15	0.28	0.71	-	0.44
	M.T.	-	-	1	1	3	-	1
Others	US.\$	-	-	3.26	3.41	5.83	0.73	1.73
	M.T.	-	-	10	10	17	2	5
EUROPE	US.\$	0.24	41.25	50.08	34.30	72.97	63.12	85.58
	M.T.	1	107	132	99	224	199	293
Belgium	US.\$	-	-	0.52	5.80	12.38	9.78	36.54
	M.T.	-	-	2	19	44	33	136
Netherlands	US.\$	-	-	0.08	2.36	6.51	2.55	4.49
	M.T.	-	-	*	8	23	10	17
Yugoslavia	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Others	US.\$	0.24	41.25	49.48	26.14	54.08	50.79	44.55
	M.T.	1	107	130	72	157	156	140
AFRICA	US.\$	1.85	86.82	69.53	0.63	0.95	1.53	52.88
	M.T.	9	236	206	2	3	5	191
Sierra Leone	US.\$	-	-	-	-	-	-	0.01
	M.T.	-	-	-	-	-	-	*
Mauritius	US.\$	-	-	0.02	-	-	-	0.04
	M.T.	-	-	*	-	-	-	*
Gambia	US.\$	-	-	-	-	-	-	-
	M.T.	-	-	-	-	-	-	-
Ivory Coast	US.\$	-	82.21	65.07	-	0.02	-	-
	M.T.	-	224	193	-	*	-	-
Guinea	US.\$	-	-	0.11	-	-	-	15.00
	M.T.	-	-	1	-	-	-	54
Others	US.\$	1.85	4.61	4.33	0.63	0.98	1.53	37.83
	M.T.	9	12	12	2	3	5	137
OCEANIA	US.\$	-	-	0.28	0.20	1.55	0.02	0.61
	M.T.	-	-	1	*	5	*	2

Note: * Less than one unit.

Sources: Customs Department.

TABLE 14.06 DIRECTION OF TIMBER EXPORT TRADE

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Country of Destination	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	US.\$	474.50	593.88	574.35	898.33	39.80	104.75	118.08
	Cu.ton	970	961	1244	1539	23	65	67
SOUTH EAST ASIA	US.\$	147.64	141.70	95.24	194.17	20.76	34.00	37.96
	Cu.ton	212	111	131	229	14	26	21
Malaysia	US.\$	13.51	3.52	3.68	2.90	3.07	7.59	10.28
	Cu.ton	13	3	2	2	2	9	5
Singapore	US.\$	31.90	38.20	30.49	51.93	11.43	14.33	8.47
	Cu.ton	36	22	26	45	7	10	4
Thailand	US.\$	82.42	71.82	44.45	104.30	5.70	10.49	18.55
	Cu.ton	119	46	62	115	5	7	12
Indonesia	US.\$	0.26	0.12	0.17	0.52	0.24	0.41	0.34
	Cu.ton	*	*	*	1	*	*	*
Brunei	US.\$	0.01	0.01	-	0.04	0.02	0.03	0.01
	Cu.ton	*	*	-	*	*	*	*
Vietnam-Socialist Rep.of	US.\$	19.54	28.03	16.46	34.18	0.23	0.84	0.31
	Cu.ton	44	40	41	66	*	*	*
Others	US.\$	-	-	-	0.30	0.07	0.31	-
	Cu.ton	-	-	-	*	*	*	-
REST OF ASIA	US.\$	305.39	447.91	472.31	674.52	15.39	56.19	55.68
	Cu.ton	743	846	1104	1267	7	33	36
China, People's Rep.of	US.\$	12.69	34.09	35.87	66.32	3.00	8.94	16.47
	Cu.ton	46	58	39	69	1	3	6
Korea, Republic of	US.\$	0.20	0.82	0.35	0.63	0.08	0.40	0.08
	Cu.ton	*	1	1	2	*	*	*
Maldives	US.\$	-	-	-	-	-	-	-
	Cu.ton	-	-	-	-	-	-	-
Sri Lanka	US.\$	0.02	0.17	0.12	0.03	-	0.01	0.02
	Cu.ton	*	*	*	*	-	*	*
Hong Kong	US.\$	23.36	1.07	0.32	0.44	0.22	0.52	0.01
	Cu.ton	42	1	*	*	*	*	*
India	US.\$	232.35	355.35	404.77	564.25	11.58	43.68	34.84
	Cu.ton	552	651	979	1079	5	28	26
Japan	US.\$	1.78	0.55	1.31	2.18	0.42	0.21	2.67
	Cu.ton	1	*	1	3	1	*	2
Pakistan	US.\$	9.06	6.79	5.96	4.54	0.06	1.43	0.49
	Cu.ton	16	7	6	5	*	1	*
Others	US.\$	25.93	49.07	23.61	36.13	0.03	1.00	1.10
	Cu.ton	86	128	78	109	*	1	2

TABLE 14.06 DIRECTION OF TIMBER EXPORT TRADE (concl'd.)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in
 thousand

Country of Destination	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
MIDDLE EAST	US.\$	1.19	3.17	3.29	24.58	0.61	6.14	7.78
	Cu.ton	2	3	4	40	*	2	3
Bahrain	US.\$	-	-	-	-	-	-	0.06
	Cu.ton	-	-	-	-	-	-	*
Kuwait	US.\$	-	-	0.01	-	-	-	-
	Cu.ton	-	-	*	-	-	-	-
Others	US.\$	1.19	3.17	3.28	24.58	0.61	6.14	7.72
	Cu.ton	2	3	4	40	*	2	3
AMERICA	US.\$	0.06	0.01	0.11	1.08	0.41	1.20	6.31
	Cu.ton	*	*	*	1	*	1	4
United States	US.\$	-	-	-	0.04	0.32	1.10	5.71
	Cu.ton	-	-	-	*	*	1	4
Canada	US.\$	-	-	-	0.06	-	0.06	0.07
	Cu.ton	-	-	-	*	-	*	*
Others	US.\$	0.06	0.01	0.11	0.98	0.09	0.04	0.53
	Cu.ton	*	*	*	1	*	*	*
EUROPE	US.\$	19.63	0.99	2.62	3.33	2.42	6.86	9.36
	Cu.ton	13	1	2	2	2	3	3
Belgium	US.\$	1.29	-	0.04	0.10	0.03	0.36	0.27
	Cu.ton	1	-	*	*	*	*	*
Denmark	US.\$	2.59	-	0.03	0.11	0.20	0.68	0.34
	Cu.ton	2	-	*	*	*	*	*
Germany, Federal Rep.of	US.\$	1.06	-	-	0.04	0.34	0.63	1.28
	Cu.ton	1	-	-	*	*	1	1
Switzerland	US.\$	0.05	0.01	-	0.16	-	0.08	0.12
	Cu.ton	*	*	-	*	-	*	*
United Kingdom	US.\$	0.84	0.08	-	0.10	0.09	0.29	0.09
	Cu.ton	*	*	-	*	*	*	*
Italy	US.\$	8.40	0.04	0.75	1.70	0.56	2.45	3.83
	Cu.ton	6	*	*	1	*	1	1
Netherlands	US.\$	1.77	-	0.03	0.02	0.14	0.20	0.39
	Cu.ton	1	-	*	*	*	*	*
Norway	US.\$	0.01	-	-	-	-	-	-
	Cu.ton	*	-	-	-	-	-	-
Sweden	US.\$	0.57	0.03	0.07	0.20	0.12	0.06	0.14
	Cu.ton	*	*	*	*	*	*	*
France	US.\$	1.75	0.04	0.04	0.07	0.05	0.53	0.21
	Cu.ton	1	*	*	*	*	*	*
Others	US.\$	1.30	0.79	1.66	0.83	0.89	1.58	2.69
	Cu.ton	1	1	2	1	1	1	1
AFRICA	US.\$	0.03	-	0.12	0.11	0.04	0.04	0.45
	Cu.ton	*	-	1	*	*	*	*
Mauritius	US.\$	-	-	-	-	0.01	0.04	-
	Cu.ton	-	-	-	-	*	*	-
Others	US.\$	0.03	-	0.12	0.11	0.03	-	0.45
	Cu.ton	*	-	1	*	*	-	*
OCEANIA	US.\$	0.28	0.10	0.58	0.50	0.17	0.32	0.54
	Cu.ton	*	*	1	*	*	*	*
COUNTRY UNCLASSIFIED	US.\$	0.28	-	0.08	0.04	-	-	-
	Cu.ton	*	-	1	*	-	-	-

Note: * Less than one unit.

Source: Customs Department.

TABLE 14.07 DOMESTIC EXPORT BY COMMODITY SECTION (BY BSITC)
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	3052.56	7870.36	8095.47	9014.29	10329.81	9215.20	8843.85
Food	577.63	1308.31	1546.48	1114.35	1132.78	1345.76	1541.36
Beverages and tobacco	45.61	3.5	5.97	3.42	3.05	18.81	21.11
Crude materials, inedible except fuel	529.97	829.12	733.82	1129.11	582.83	428.67	237.70
Mineral fuels, lubricants and related materials	1134.07	2522.53	3666.21	3534.58	3826.16	2550.55	1762.50
Animal and vegetable oils and fats	-	0.03	-	-	*	1.23	1.23
Chemicals	0.43	0.52	1.34	11.81	2.82	6.64	7.78
Manufactured goods chiefly by materials	365.88	2082.63	26.68	628.18	497.78	557.85	776.63
Machinery and transport equipment	2.38	0.05	0.98	32.03	1.60	4.86	20.22
Miscellaneous manufactured articles	19.84	9.32	6.62	39.53	25.29	7.72	63.38
Miscellaneous transactions and commodities ^{1/}	376.75	1114.35	2107.37	2521.28	4257.50	4293.11	4411.94

Notes: BSITC- Burma Standard International Trade Classification

Source: Customs Department.

^{1/}Data include border trade.

* Less than one unit

TABLE 14.08 ALL EXPORT BY COMMODITY SECTION, (BY H.S)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	3558.03	8861.01	8977.01	11203.96	12523.71	11136.88 (r)	11951.64
Live animals; animal products	197.59	295.58	379.49	211.15	164.66	190.12	227.16
Vegetable products	401.71	1070.71	1158.65	981.40	1197.37	1182.96	1351.46
Animal or vegetable fats and oils and products; prepared edible fats;their cleavage animal or vegetable waxes	0.01	0.02	0.22	0.87	0.86	1.23	1.21
Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes	49.20	7.38	12.74	7.89	13.67	26.00	31.04
Mineral products	1141.91	2525.44	3675.47	3557.89	3859.27	2563.88	1777.07
Products of the chemical or allied industries	0.73	1.00	1.21	5.29	0.55	0.73	6.47
Plastics and articles thereof; rubber and articles thereof	35.50	155.08	87.10	73.53	49.89	43.08	88.12
Raw hides and skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk - worm gut)	3.03	5.09	6.62	5.89	8.74	7.27	40.61
Wood and articles of wood; wood of straw, of esparto or of charcoal;cork and articles of cork; manufactures other plaiting materials; basketware and wicker-work.	496.10	617.32	584.80	914.18	88.16	206.78	241.04

TABLE 14.08 ALL EXPORT BY COMMODITY SECTION (BY H.S) (concl'd)
Years 2005/2006,2010/2011,2012/2013-2016/2017 absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard; paper and paperboard and articles thereof	4.89	7.32	0.61	0.89	4.85	61.72	2.99
Textiles and textile articles	277.27	386.91	701.25	899.47	1046.38	913.88	1948.45
Footwear, headgear umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts thereof; prepared feathers and articles made there with; artificial flowers; articles of human hair.	19.91	56.08	70.86	62.38	77.71	81.81	175.70
Articles of stone, plaster, cement, abestos, mica or similar materials; ceramic products; glass and glassware.	0.31	0.07	0.50	1.89	1.75	0.67	2.02
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery; coin.	233.03	2027.81	12.12	604.32	280.47	282.89	157.14
Base metals and articles of base metal	110.42	41.87	69.63	115.21	397.11	352.40	498.78
Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles	3.88	1.70	6.32	18.94	26.48	35.88	55.14
Vehicles, aircraft, vessels and associated transport equipment	1.13	1.68	1.64	0.87	30.02	1.38	9.81
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof.	2.35	10.44	10.52	7.77	28.31	52.23	68.15
Arms and ammunition; parts and accessories thereof.	-	-	-	-	-	-	-
Miscellaneous manufactured articles. ^{1/}	566.63	1648.85	2196.26	3719.56	5227.04	5130.84 (r)	5214.58
Works of art, collectors' pieces and antiques	12.43	0.66	1.00	14.57	20.42	1.13	54.70

Notes: H.S - Harmonized Commodity Description and Coding System.

Source: Customs Department.

^{1/} Data include border trade.

TABLE 14.09 DIRECTION OF EXPORT BY COUNTRY
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	3558.03	8861.01	8977.01	11203.96	12523.71	11136.88 (r)	11951.64
SOUTH EAST ASIA	1833.97	3930.84	4529.69	5297.53	5233.79	3985.40	3091.64
Singapore	262.85	456.99	291.35	694.03	758.83	725.43	472.84
Malaysia	92.90	437.80	97.92	108.87	265.17	161.32	159.01
Indonesia	65.36	41.11	31.54	60.04	86.09	139.84	125.05
Philippines	12.58	22.30	26.02	12.25	12.93	8.23	40.98
Thailand <u>1/</u>	1360.95	2905.18	4000.57	4306.28	4028.69	2893.18	2202.24
Vietnam,Socialist Rep.of	38.46	67.03	81.24	111.16	80.21	56.67	88.25
Laos	0.02	0.02	0.15	0.39	0.68	0.40	0.04
Cambodia	-	0.04	-	0.23	0.46	0.01	2.65
Brunei	0.85	0.37	0.90	4.28	0.73	0.32	0.58
REST OF ASIA	1378.56	4501.74	4012.96	5513.57	6715.55	6502.36 (r)	7461.27
China,People's Rep.of <u>1/</u>	366.95	1203.56	2238.07	2910.75	4673.87	4596.96 (r)	5055.47
Sri Lanka	3.89	1.44	0.72	0.75	3.42	2.93	24.53
Hong Kong	255.42	1894.69	12.73	489.10	288.60	282.81	204.16
India <u>1/</u>	488.97	871.59	1018.62	1143.59	745.80	904.16	943.48
Bangladesh <u>1/</u>	54.82	125.03	31.07	59.43	49.79	18.13 (r)	24.00
Japan	135.71	237.43	406.49	513.25	556.43	393.75	784.26
Pakistan	29.43	19.56	24.09	26.36	23.21	37.07	61.72
Maldives	-	-	-	*	-	-	0.01
Korea,Rep.of	38.54	148.39	280.77	352.92	370.00	259.94	342.43
Others	4.83	0.05	0.40	17.42	4.43	6.61	21.21
MIDDLE EAST	66.69	116.09	125.20	101.80	129.66	117.80	122.30
Kuwait	-	54.16	51.56	16.20	19.88	17.04	7.52
Saudi Arabia	8.79	26.54	31.93	14.36	23.63	21.54	21.50
United Arab Republic	37.36	32.45	37.55	66.03	75.02	65.74	73.36

TABLE 14.09 DIRECTION OF EXPORT BY COUNTRY (cont'd)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Iran	3.14	0.36	0.08	0.10	2.08	1.31	1.67
Israel	0.06	*	0.29	0.68	2.46	4.40	5.81
Bahrain	0.09	0.18	1.30	0.61	0.80	1.31	1.02
Others	17.25	2.40	2.49	3.82	5.79	6.46	11.42
AMERICA	35.59	16.22	47.01	51.84	82.63	135.60	289.61
United States	0.14	2.21	2.81	24.78	50.88	69.22	192.05
Canada	4.11	0.01	2.55	3.31	4.12	11.07	40.32
Brazil	1.13	3.28	0.84	0.77	4.31	2.11	9.37
Others	30.21	10.72	40.81	22.98	23.32	53.20	47.87
NORTH WEST	166.96	92.47	94.40	124.96	225.24	242.89	630.28
EUROPE							
Belgium	6.25	1.50	1.49	7.03	17.71	24.25	77.57
Denmark	4.20	0.69	1.60	2.01	6.12	3.97	23.28
France	19.04	1.42	4.11	5.00	9.68	19.19	41.63
Germany, Federal Rep.of	62.14	38.34	42.98	40.36	68.19	85.04	219.74
United Kingdom	60.95	34.80	26.94	48.58	53.58	35.24	134.08
Netherlands	7.97	5.91	5.25	10.75	28.20	49.23	91.76
Norway	0.44	0.01	0.33	1.23	3.44	1.49	5.17
Sweden	2.07	0.69	1.99	4.32	28.16	7.98	18.27
Switzerland	1.30	1.47	3.65	2.65	1.70	10.32	8.33
Others	2.60	7.64	6.06	3.03	8.46	6.18	10.45
SOUTHERN EUROPE	48.59	39.97	40.08	61.71	62.96	69.99	143.99
Italy	13.37	5.78	14.12	16.78	19.90	22.98	51.11
Spain	18.96	23.89	19.86	28.96	37.90	37.56	82.49
Others	16.26	10.30	6.10	15.97	5.16	9.45	10.39

TABLE 14.09 DIRECTION OF EXPORT BY COUNTRY (concl'd)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
EASTERN EUROPE	7.17	48.82	42.37	27.89	57.75	63.02	108.35
Czech and slovak	-	0.11	-	0.06	0.82	1.53	7.32
Finland	0.08	*	0.50	0.11	0.38	0.33	0.95
Yugoslavia	-	-	-	-	-	-	-
Russia	0.98	8.32	27.26	15.80	15.59	3.85	8.42
Others	6.11	40.39	14.61	11.92	40.96	57.31	91.66
AFRICA	2.59	92.96	73.73	9.03	5.72	8.86	61.95
Sierra Leone	-	-	-	-	0.04	*	0.10
Mauritius	-	-	0.02	-	0.15	0.24	0.08
Gambia	-	-	-	0.09	-	3.04	0.71
Ivory Coast	-	82.21	8.13	-	0.02	-	22.85
Others	2.59	10.75	65.58	8.94	5.51	5.58	38.21
OCEANIA	17.80	17.75	10.11	13.31	10.41	10.96	39.98
Australia	13.19	17.17	8.95	12.43	9.31	8.62	23.25
New Zealand and other islands in the Pacific	4.61	0.58	1.16	0.88	1.10	2.34	16.73
OTHERS	0.11	4.15	1.46	2.32	-	-	2.27
Ship- stores	-	-	-	-	-	-	-
Country unclassified	0.11	4.15	1.46	2.32	-	-	2.27

Note: 1/ Data include border trade.

Sources: Customs Department.

*Less than one unit.

TABLE 14.10 IMPORT BY COMMODITY SECTION (BY BSITC)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	1984.41	6412.73	9068.91	13759.50	16632.63	16577.94 (r)	17211.07
Food	89.84	200.00	339.97	469.84	731.40	1538.18	1876.05
Beverages and tobacco	20.50	10.28	35.99	63.02	66.24	77.38	92.11
Crude materials, inedible except fuel	11.56	24.38	281.28	69.00	95.31	39.94	113.63
Mineral fuels, lubricants and related materials	281.03	1460.26	1627.61	2363.25	2562.84	1607.28	2424.47
Animal and vegetable oils and fats	78.03	201.07	307.48	543.21	557.44	546.57	626.82
Chemicals	219.61	555.40	672.78	971.88	1137.86	1184.63	1472.75
Manufactured goods chiefly by materials	512.83	1196.40	1628.89	2497.18	2842.09	2823.37	2892.25
Machinery and transport equipment	414.66	1540.00	2587.20	4174.22	4738.26	5550.72	4210.59
Miscellaneous manufactured articles	47.43	146.89	227.66	492.01	1155.24	415.47	601.58
Miscellaneous transactions and commodities <u>1/</u>	308.92	1078.05	1360.05	2115.89	2745.95	2794.40 (r)	2900.82

Notes: BSITC - Burma Standard International Trade Classification
1/ Data include border trade.

Source: Customs Department.

TABLE 14.11 IMPORT BY COMMODITY SECTION (BY H.S)
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	1984.41	6412.73	9068.91	13759.50	16632.63	16577.94 (r)	17211.07
Live animals; animal products	29.98	57.96	87.21	108.84	119.95	119.58	120.06
Vegetable products	26.94	75.40	110.73	119.71	139.16	181.95	235.07
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal or vegetable waxes	96.90	206.12	318.40	548.58	564.86	552.92	635.46
Prepared foodstuffs; beverages, spirits and vinegar; tobacco and manufactured tobacco substitutes	34.52	70.85	203.71	314.68	547.95	1322.12	1646.89
Mineral products	293.22	1605.74	1775.94	2552.74	2864.37	1864.67	2516.94
Products of the chemical or allied industries	123.19	320.49	473.97	577.67	707.95	746.95	997.29
Plastics and articles thereof; rubber and articles thereof	122.80	307.78	401.00	532.76	591.64	573.10	660.70
Raw hides and skins, leather, furskins and articles thereof; saddlery and harness; travel goods, handbags and similar containers; articles of animal gut (other than silk - worm gut)	8.75	19.82	21.01	20.45	26.24	32.69	44.90
Wood and articles of wood; wood charcoal; cork and articles of cork; manufactures of straw, of esparto or of other plaiting materials; basketware and wicker-work.	0.69	2.26	9.62	12.70	19.25	27.68	36.82

TABLE 14.11 IMPORT BY COMMODITY SECTION (BY H.S) (concl'd)
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Commodity Section	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or paperboard; paper and paperboard and articles thereof	53.05	77.39	156.62	157.13	194.27	197.17	232.39
Textiles and textile articles	215.44	333.10	400.78	667.80	492.95	441.65	926.94
Footwear, headgear umbrellas, sun umbrellas, walking-sticks, seat-sticks, whips, riding-crops and parts thereof; prepared feathers and articles made there with; artificial flowers; articles of human hair.	3.97	7.10	11.13	12.68	16.98	17.27	27.76
Articles of stone, plaster, cement, abestos, mica or similar materials;ceremic products; glass and glassware.	14.12	52.37	78.93	112.57	143.79	182.84	235.84
Natural or cultured pearls, precious or semi- precious stones, precious metals, metals clad with precious metal and articles thereof; imitation jewellery; coin.	*	0.01	0.02	*	0.07	0.12	0.51
Base metals and articles of base metal	203.36	554.77	864.73	1318.91	1684.80	1644.81	1439.94
Machinery and mechanical appliances; electrical equipment; parts thereof; sound recorders and reproducers, television image and sound recorders ,and parts and accessories of such articles	253.83	1056.25	1134.06	1836.70	2730.78	2790.17	2350.35
Vehicles, aircraft, vessels and associated transport equipment	163.77	494.03	1518.13	2339.26	2033.52	2781.20	1867.69
Optical, photographic, cinematographic, precision, medical or surgical measuring, checking, instruments and apparatus; clocks and watches; musical instruments; parts and accessories thereof.	18.97	49.11	68.71	100.74	139.54	137.60	136.96
Arms and ammunition; parts and accessories there of.	-	-	-	-	-	-	-
Miscellaneous manufactured articles. ^{1/}	300.09	1064.76	1313.17	1962.31	2601.55	2716.27 (r)	3037.28
Works of art, collectors' pieces and antiques	20.82	57.42	121.04	463.27	1013.01	247.18	61.28

Notes: H.S - Harmonized Commodity Description and Coding System.

Source: Customs Department.

^{1/} Data include border trade.

*Less than one unit.

TABLE 14.12 IMPORT OF PRINCIPAL COMMODITIES

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Principal Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Wheat flour	US.\$	*	*	0.5	0.5	1.2	3.0	4.3
	M.T.	*	*	2	2	2	7	9
Milk,condensed and evaporated	US.\$	24.7	37.9	53.1	60.2	72.6	64.3	42.0
	Kgm	28661	39256	44615	48661	49295	45005	31680
Milk food includ- ing malted milk	US.\$	3.7	17.4	29.2	28.6	43.6	94.6 (r)	117.3
	kgm	2260	10482	12800	14586	19457	43106 (r)	56927
Sugar	US.\$	*	13.7	15.1	34.6	56.2	814.9	1050.8
	M.T.	*	46	44	79	98	1468	1901
Taste powder	US.\$	-	-	12.0	20.6	30.7	33.2	27.2
	Kgm	-	-	12531	23418	36743	36791	29078
Tea	US.\$	0.1	0.4	0.7	1.4	2.6	1.9	2.2
	Kgm	45	331	348	836	1596	968	912
Spices	US.\$	1.6	2.1	3.8	4.5	4.0	4.4	4.5
	Kgm	517	681	1278	1562	1372	2123	1658
Edible vegetable oils and other hydrogenated oils	US.\$	98.4	202.4	297.9	509.8	552.9	549.2	624.5
	M.T.	206	224	290	546	570	687	777
Animal oils and fats	US.\$	*	*	4.7	29.7	10.3	1.7 (r)	2.4
Tobacco and tobacco manufactures	US.\$	19.5	1.3	24.0	39.3	43.6	51.4	60.6
	Kgm	6928	232	4403	7153	7405	10026	12513
Dyeing, tanning and colouring materials	US.\$	6.2	12.4	14.6	16.9	18.7	29.4	24.4
Chemical elements and compounds	US.\$	25.2	48.8	101.9	157.8	177.8	190.4	220.8
Pharmaceutical products	US.\$	62.2	180.9	263.6	237.0	275.8	261.3	395.6
Fertilizers, manufactured	US.\$	4.5	14.9	23.2	52.8	79.8	71.7	117.8
	M.T.	28	55	82	173	298	291	507
Cotton yarn	US.\$	0.9	6.8	5.1	11.7	16.4	18.7	19.6
	Kgm	815	2544	2915	6622	10716	11491	11948
Cotton thread	US.\$	*	0.8	0.4	2.2	1.1	9.4 (r)	11.2
	Kgm	1	194	319	2445	1525	- (r)	-
Yarn of artificial and synthetic fibres including mixed	US.\$	0.4	2.2	1.0	7.5	6.7	4.9 (r)	34.5
	Kgm	205	787	522	3452	4180	3417 (r)	9758
Coir yarn	US.\$	*	-	-	*	0.1	19.3 (r)	20.3
	Kgm	4	-	-	23	5	12316 (r)	12153

TABLE 14.12 IMPORT OF PRINCIPAL COMMODITIES (concl'd)

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions, quantity in thousand

Principal Commodity	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
Cotton fabrics	US.\$	12.9	23.8	13.5	81.9	20.3	31.2	41.1
Fabrics of artificial and synthetic fabrics	US.\$	157.9	207.5	303.4	396.7	332.8	299.2	512.6
Fabrics of mixed and or blended materials	US.\$	-	-	-	-	-	-	-
Soap	US.\$	3.7	7.2	12.0	14.8	34.8	36.7 (r)	43.5
	Kgm	5422	5224	7266	10857	20113	19928 (r)	25311
Gunnies and other sacks for packing	US.\$	0.1	0.1	0.8	2.7	4.3	12.7	41.1
Fishing nets	US.\$	0.5	1.9	1.5	2.7	3.2	3.7	5.1
Paper,paperboard and manufactures	US.\$	50.9	70.3	111.8	152.0	179.9	188.3	222.3
	M.T.	55	94	184	392	290	265	324
Rubber manufactures	US.\$	24.1	61.0	84.7	123.3	144.3	119.0	114.2
Cement	US.\$	9.0	140.4	135.9	158.8	235.7	279.9 (r)	213.6
	M.T.	125	1649	1600	1860	2657	2928 (r)	1392
Empty glass bottles	US.\$	1.2	2.0	14.2	22.2	24.8	19.7 (r)	-
	Gr.	-	-	-	-	-	-	-
Coal and coke	US.\$	5.8	5.6	19.6	47.6	115.4	85.5	63.2
	M.T.	26	10	32	119	459	360	535
Refined mineral oil	US.\$	268.7	1390.7	1539.9	2231.6	2359.4	1550.3 (r)	2347.7
	Gal	160428	511379	416331	639914	767634	744623 (r)	1365572
Scientific instrument	US.\$	18.6	48.5	67.4	99.1	138.0	134.3	134.1
Base metals and manufactures	US.\$	200.4	552.9	863.4	1309.6	1676.7	1642.5 (r)	1432.3
Machinery non-electric and transport equipment	US.\$	307.4	1201.2	2226.3	3592.3	3916.3	4358.9 (r)	3056.9
Electrical machinery and apparatus	US.\$	111.2	347.8	427.7	593.3	856.2	1215.1 (r)	1168.9
Crude Oil	US.\$	-	-	*	-	*	*	*

Note: *Less than one unit.

Source: Customs Department.

TABLE 14.13 COMPOSITION OF IMPORTS

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Type of Commodity	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	1984.4	6412.7	9068.9	13759.5	16632.6	16577.9 (r)	17211.1
CAPITAL GOODS	548.4	1938.5	3399.2	5237.8	6175.1	7039.0	5250.8
Building materials	173.9	658.6	995.3	1391.2	1880.4	1954.3	1597.8
Machinery	216.9	839.2	694.2	1170.5	1792.9	1699.5	1488.4
Transport equipment	138.1	391.7	1514.5	2335.1	2029.4	2776.8	1863.9
Others	19.5	49.0	195.2	341.0	472.4	608.4	300.7
INTERMEDIATE GOODS	638.4	2327.6	2674.4	3915.1	4488.3	4317.4	5871.3
Raw materials	578.8	2100.5	2577.3	3772.8	4296.2	4161.8	5701.2
Fuels	0.2	5.3	11.5	11.8	45.7	33.6	46.0
Tools and spares	59.4	221.8	85.6	130.5	146.4	122.0	124.1
CONSUMER GOODS	797.6	2146.6	2995.3	4606.6	5969.2	5221.5	6089.0
Durables	46.7	196.0	317.3	496.6	591.1	520.8	770.1
Food	163.1	364.8	582.6	876.8	1008.1	1019.1	1001.3
Textiles	199.3	292.5	365.5	601.5	426.0	382.6	693.0
Medicines	62.2	181.0	263.6	237.0	275.7	261.3	395.6
Others ^{1/}	326.3	1112.3	1466.3	2394.7	3668.3	3037.7 (r)	3229.0

Note: ^{1/} Data Include border trade

Source: Customs Department

TABLE 14.14 DIRECTION OF IMPORT BY COUNTRY

Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
GRAND TOTAL	1984.41	6412.73	9068.91	13759.50	16632.63	16577.94 (r)	17211.07
SOUTH EAST ASIA	1009.60	2840.60	3881.66	5757.40	7376.51	6447.06 (r)	6526.35
Singapore	560.91	1645.32	2535.42	2910.22	4139.49	2970.90	2494.32
Malaysia	138.41	145.32	360.90	839.69	748.37	588.72	821.37
Brunei	-	*	-	*	0.02	0.73	0.27
Indonesia	57.47	275.49	195.23	438.82	550.66	601.96	702.16
Philippines	5.55	16.97	17.99	21.10	15.42	20.77	15.50
Thailand <u>1/</u>	237.37	709.09	696.81	1376.99	1679.35	1972.81 (r)	2086.22
Laos	*	*	0.22	0.01	0.02	0.10	0.41
Vietnam	9.87	47.05	74.72	169.86	242.43	290.19	405.79
Cambodia	0.02	1.36	0.37	0.71	0.75	0.88	0.31
Others	-	-	-	-	-	-	-
REST OF ASIA	782.52	3015.94	4534.25	7186.48	7956.57	9139.87 (r)	8665.37
China,People's Rep.of <u>1/</u>	468.24	2168.52	2719.47	4105.49	5022.54	6395.55 (r)	5749.01
Hong Kong	20.50	8.44	14.56	13.69	55.37	33.56	35.30
India <u>1/</u>	80.18	195.46	301.70	493.51	595.65	807.35	999.69
Japan	106.16	256.35	1091.73	1296.24	1738.94	1452.22	1247.53
Pakistan	0.99	9.49	7.80	5.05	5.43	7.32	17.96
Bangladesh <u>1/</u>	5.10	11.61	12.17	15.36	9.10	15.26	19.96
Korea,Republic of	86.15	304.23	343.21	1217.98	493.61	396.60	523.64
Sri Lanka	0.66	0.12	0.15	0.39	0.74	0.15	0.22
Others	14.54	61.72	43.46	38.77	35.19	31.98	72.06
MIDDLE EAST	19.44	142.14	141.66	164.74	241.68	261.62	276.61
United Arab Republic	12.50	41.65	52.93	75.89	124.93	128.99	135.85
Iran	3.80	33.87	30.06	20.71	29.26	37.74	33.51
Israel	0.08	0.60	0.17	0.53	1.89	6.26	1.14
Others	3.06	66.02	58.50	67.61	85.60	88.63	106.11

TABLE 14.14 DIRECTION OF IMPORT BY COUNTRY (cont'd)
 Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
AMERICA	82.18	82.68	139.60	150.62	555.80	225.85	832.38
United States	80.74	59.47	119.98	79.66	494.05	127.68	498.58
Canada	0.42	5.30	6.51	8.54	10.93	13.64	39.91
Brazil	0.51	14.96	5.20	10.09	14.02	34.31	150.69
Others	0.51	2.95	7.91	52.33	36.80	50.22	143.20
NORTH WEST EUROPE	42.83	186.37	230.99	212.94	227.84	250.11	489.40
Austria	-	0.02	0.90	0.48	0.23	0.19	3.87
Belgium	1.57	2.62	3.89	18.43	7.18	5.86	34.56
Denmark	2.53	3.95	2.50	25.15	9.13	28.44	35.38
France	6.95	40.56	43.92	31.15	52.19	91.17	134.81
Germany ,Federal Rep.of	21.21	52.10	144.55	83.24	79.38	68.73	122.37
Germany ,Democratic Rep.of 2/	-	-	-	-	-	-	-
United Kingdom	5.26	18.90	15.02	24.50	28.63	15.14	33.15
Ireland,Rep.of	1.15	0.22	0.22	0.09	1.67	2.85	7.29
Netherlands	2.46	5.05	4.08	14.92	13.79	11.98	49.68
Norway	-	-	*	0.01	0.09	0.51	1.10
Sweden	0.38	4.62	10.69	7.82	13.10	13.35	43.72
Switzerland	1.11	58.19	4.37	6.57	19.32	11.05	21.48
Others	0.21	0.14	0.85	0.58	3.13	0.84	1.99
SOUTHERN EUROPE	4.19	38.13	19.51	131.74	117.54	78.19	141.84
Greece	0.02	0.32	0.38	4.93	3.54	3.51	1.51
Italy	3.20	17.40	13.70	107.92	93.68	50.15	85.67
Portugal	*	0.05	0.06	0.08	0.56	0.06	0.39
Spain	0.76	16.15	2.91	12.63	6.36	11.37	26.78
Turkey	*	2.81	1.61	5.06	11.54	12.54	26.21
Others	0.21	1.40	0.85	1.12	1.86	0.56	1.28

TABLE 14.14 DIRECTION OF IMPORT BY COUNTRY (concl'd)
Years 2005/2006,2010/2011,2012/2013-2016/2017, absolute values in US \$ Millions

Country	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017 (p)
EASTERN EUROPE	5.81	10.91	23.63	38.73	48.19	45.58	86.42
Bulgaria	1.42	4.23	16.01	16.87	3.28	3.00	4.74
Czech and Slovak	0.03	0.01	-	*	0.38	0.57	3.11
Finland	*	0.02	1.39	0.38	0.17	0.07	2.07
Hungary	-	0.01	*	0.10	0.24	0.84	6.81
Poland	-	0.87	0.18	1.43	5.17	1.81	4.53
Romania	-	0.12	0.08	-	1.69	1.14	2.74
Yugoslavia	-	3.36	-	-	-	-	-
Russia	1.60	1.62	1.07	4.95	25.30	24.27	33.41
Others	2.76	0.67	4.90	15.00	11.96	13.88	29.01
AFRICA	1.04	3.27	4.83	13.61	27.56	24.31	30.23
South Africa	-	-	-	-	0.50	1.51	5.96
Tanzania	-	-	0.21	0.02	0.06	-	*
Morocco	0.05	*	0.21	0.08	0.43	1.44	4.74
Nigeria	*	-	*	-	-	0.07	0.87
Others	0.99	3.27	4.41	13.51	26.57	21.29	18.66
OCEANIA	35.11	88.71	87.82	100.92	80.79	101.48	144.55
Australia	27.65	75.60	77.05	89.63	64.71	76.03	121.14
New Zealand and other islands in the Pacific	7.46	13.11	10.77	11.29	16.08	25.45	23.41
OTHERS	1.69	3.98	4.96	2.32	0.15	3.75	17.92
Re-import	0.09	0.89	1.08	0.83	-	0.10	-
Country - unclassified	1.60	3.09	3.88	1.49	0.15	3.65	17.92

Note: 1/ Data include border trade.

2/ Democratic Republic of Germany has been re-united into Federal Republic of Germany since October 1990.

*Less than one unit.

Source: Customs Department.

TABLE 14.15 BALANCE OF PAYMENTS
Years 2012/2013-2015/2016, absolute values in Kyat Millions

Particulars	2012-2013		2013-2014		2014-2015		2015-2016	
	Receipts	Payments	Receipts	Payments	Receipts	Payments	Receipts	Payments
1. Main Account								
Merchandise	7446420.4	6655327.7	9786514.8	11304594.1	11111839.1 (r)	12991847.2 (r)	12100107.5	17076658.2
Transport & Insurance	183515.3	638286.6	210534.8	1088411.1	276647.2 (r)	1186115.1 (r)	537703.2	1697931.7
Travels	565065.5	186462.7	988051.6	122572.6	1864067.6 (r)	116306.0	2641668.0	106342.0
Embassies & International Organizations	47796.4	20894.5	69718.3	31061.2	79942.4	45354.7	87641.7	76009.8
Government services & transfer	-	-	-	-	-	-	-	-
Private services & transfer	601687.3	153459.5	1575432.9	419519.4	3298078.2 (r)	829444.4 (r)	3573405.7	1115862.1
Interest	6502.6	80390.3	6435.6	203480.1	8522.1 (r)	241720.5 (r)	29277.0	279511.8
Miscellaneous	501123.6	2397263.9	1517845.6	2582955.9	657325.8 (r)	3309589.8 (r)	847360.6	5486948.1
Total	9352111.1	10132085.2	14154533.6	15752594.4	17296422.4 (r)	18720377.7 (r)	19817163.7	25839263.7
2. Grants	24099.3	-	198381.3	-	311569.7	-	461042.6	-
3. Capital Account	5590015.0	5883.8	-	1384.9	-	3217.4 (r)	-	258.8
4. Loans & repayment								
Loans	92377.9	-	734552.3	-	540549.0 (r)	-	927321.5	-
Repayment of principal	-	5724834.1	-	228563.8	-	223005.5 (r)	-	413317.0
Total	92377.9	5724834.1	734552.3	228563.8	540549.0 (r)	223005.5 (r)	927321.5	413317.0
5. Foreign Investment account	981189.8	-	2534552.7	-	2584808.2 (r)	-	3423709.7	-
6. Subscription/Investment account								
Subscription to International Financial Organizations	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
7. Total (1+2+3+4+5+6)	16039793.1	15862803.1	17622019.9	15982543.1	20733349.3 (r)	18946600.6 (r)	24629237.5	26252839.5
8. Financial account								
Short-term loans	-	101340.5	-	14680.0	-	27660.0	-	21350.0
International Monetary Fund (I.M.F)								
a. Drawings	-	330.6	-	619.1	-	375.5	-	392.5
b. Special Drawing Rights (SDR)	-	-	-	-	-	-	-	-
c. Repayment	-	-	-	-	-	-	-	-
Total	-	101671.1	-	15299.1	-	28035.5	-	21742.5
9. Other Capital Transactions	-	-	-	-	-	-	-	-
10. Others	5763179.3	-	1811309.1	-	-	1359274.1 (r)	2038539.9	-
11. Total (7+8+9+10)	21802972.4	15964474.2	19433329.0	15997842.2	20733349.3 (r)	20333910.2 (r)	26667777.4	26274582.0
12. Surplus (+) /deficit (-)	-	(+)5838498.2	-	(+)3435486.8	-	(+)399439.1 (r)	-	(+) 393195.4

Note: The table is developed with the methodology of Balance of Payment Manual 5th Edition-BPM 5.

TABLE 14.15 BALANCE OF PAYMENTS
Years 2014/2015-2016/2017, absolute values in Kyat Millions

Particulars	2014-2015			2015-2016			2016-2017		
	Receipts	Payments	Net (Receipt - Payment)	Receipts	Payments	Net (Receipt - Payment)	Receipts	Payments	Net (Receipt - Payment)
1. Current Account	18036617.1	19424463.1	-1387846.0	21400309.3	25036771.0	-3636461.7	23499504.7	26647101.8	-3147597.1
Goods	10355449.6	12213057.2	-1857607.6	11553077.9	16496422.5	-4943344.6	11548435.6	17582174.9	-6033739.3
Services	3585494.3	2364863.6	1220630.7	4598211.6	3201344.2	1396867.5	4819164.9	3671164.8	1148000.1
(1) Transport	327954.0	1375898.7	-1047944.7	574490.7	1761122.5	-1186631.8	231320.2	2229144.7	-1997824.5
(2) Travel	1864487.5	37225.1	1827262.4	2630476.7	29442.5	2601034.2	2888183.6	53047.2	2835136.5
(3) Other Services	1393052.8	951739.8	441313.0	1393244.2	1410779.1	-17534.9	1699661.0	1388973.0	310688.1
Primary Income	180499.9	3319748.6	-3139248.6	544920.7	3625850.5	-3080929.8	567553.7	3265912.3	-2698358.6
Of which: Investment income	11999.7	3311206.6	-3299206.9	30909.5	3599566.2	-3568656.6	75372.7	3111852.7	-3036480.0
Secondary Income	3915173.2	1526793.7	2388379.5	4704099.1	1713153.9	2990945.2	6564350.4	2127849.8	4436500.7
Government	316193.2	-	316193.2	465847.0	-	465847.0	337975.1	-	337975.1
Other sectors & Personal Transfers	3598980.0	1526793.7	2072186.3	4238252.1	1713153.9	2525098.2	6226375.3	2127849.8	4098525.5
2. Capital Account	-	-	-	-	-	-	308.0	-	308.0
Of which: Contribution to int'l org.	-	-	-	-	-	-	-	-	-
	Assets	Liabilities	Net (Assets - Liabilities)	Assets	Liabilities	Net (Assets - Liabilities)	Assets	Liabilities	Net (Assets - Liabilities)
3. Financial Account : (= Assets - Liabilities)			-3066870.1			-4583114.4			-5546058.5
Assets (+ = net increase / - = net decrease)	154722.7	-	-	-154574.6	-	-	-1815666.1	-	-
Of which: Currency & Deposits (assets)	147021.7	-	-	-159241.5	-	-	-1817674.2	-	-
Liabilities (+ = net increase / - = net decrease)	-	3221592.8	-	-	4428539.8	-	-	3730392.5	-
Of which:									
Direct investment (liabilities)	-	2933452.7	-	-	4155886.5	-	-	4281147.0	-
Other investment (liabilities)	-	271534.9	-	-	272764.4	-	-	-598763.9	-
Currency & Deposits (liabilities)	-	132644.5	-	-	-417368.4	-	-	-478044.3	-
Loan (liabilities)	-	227307.3	-	-	815334.8	-	-	99774.0	-
Allocation of SDRs	-	-	-	-	-	-	-	-	-
Net errors & omissions	-	-	-574579.5	-	-	-1492236.2	-	-	-1907997.3
Overall Balance (Change in reserves , excluding valuation changes)	-	-	1104444.5	-	-	-545583.6	-	-	490772.1

Note: The table is developed with the methodology of Balance of Payment Manual 6th Edition-BPM 6.

Source: Central Bank of Myanmar.

METHODOLOGY SHEET | Foreign Investment of Permitted Enterprises

Responsible Unit (Service or Structure)	Directorate of Investment and Company Administration
Level of Disaggregation	Union, States and Regions
Study Variables	Foreign Investment of Permitted Enterprises
Classification Variables	Registered exporters, importers, limited companies, partnerships and joint-venture companies limited. Foreign Investment of Permitted Enterprises by Sector, Country of Origin, Form of Organization and States and Regions
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Companies
Tables	14.16, 14.17, 14.18, 14.19, 14.20

TABLE 14.16 NUMBER OF REGISTERED EXPORTERS, IMPORTERS, LIMITED COMPANIES, PARTNERSHIPS AND JOINT-VENTURE COMPANIES LIMITED
Years 2005/2006,2010/2011, 2012/2013-2016/2017, absolute values

Enterprises	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	21452	30407	41888	51114	59577	70612	80936
Exporters } Importers }	1591	1221	2470	2887	2934	3528	4225
Business Representatives	19	4	113	93	58	89	49
Myanmar Companies Limited	11269	20838	30696	37100	43421	50149	55403
Partnership Firms	1270	1072	1072	1072	1072	1072	1072
Foreign Companies and Branches	1239	1283	1816	2830	4084	5256	6278
Joint Venture Companies Limited (excluding those under Foreign Investment Law)	59	65	66	72	76	85	69
(a) State Owned Economic Enterprises and Private Entrepreneurs	24	25	26	28	30	32	27
(b) State Owned Economic Enterprises and Foreign Companies	35	40	40	44	46	53	42
Joint Venture Companies Limited formed under Foreign Investment Law	81	92	24	46	83	94	53
Other Organizations	41	42	57	85	97	121	151
Tourist Enterprises	678	687	1040	1439	1670	2057	2429
Tourist Transport Business	442	209	190	205	363	518	2391
Hotel Business	438	555	632	741	877	993	1073
Lodging-House Business	168	150	192	230	271	342	406
Tour Guide Business	4157	4189	3520	3680	3783	3939	4154
Regional Guide	-	-	-	634	1188	2369	3183

Sources: 1. Directorate of Hotels and Tourism.
2. Directorate of Investment and Company Administration.
3. Directorate of Trade.

TABLE 14.17 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER THE FOREIGN INVESTMENT LAW

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Sectors	2005-2006					2010-2011				
	No. of Enter-prises	Total Invest-ment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)	No. of Enter-prises	Total Invest-ment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)
TOTAL	5	36394.05	-	36394.05	6065.68	24	119993.79	-	119993.79	19998.97
Agriculture	-	-	-	-	-	3	832.50	-	832.50	138.75
Livestock & Fishery	-	-	-	-	-	-	-	-	-	-
Mining	1	4.20	-	4.20	0.70	3	8376.46	-	8376.46	1396.08
Oil and Gas	3	209.85	-	209.85	34.98	12	61075.78	-	61075.78	10179.30
Manufacturing	-	-	-	-	-	4	397.93	-	397.93	66.32
Power	1	36180.00	-	36180.00	6030.00	2	49311.12	-	49311.12	8218.52
Transport & Communication	-	-	-	-	-	-	-	-	-	-
Hotel & Tourism	-	-	-	-	-	-	-	-	-	-
Real Estate	-	-	-	-	-	-	-	-	-	-
Development	-	-	-	-	-	-	-	-	-	-
Industrial Estate	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-

TABLE 14.17 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER THE FOREIGN INVESTMENT LAW (cont'd)

Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Sectors	2012-2013					2013-2014				
	No. of Enter-prises	Total Invest-ment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)	No. of Enter-prises	Total Invest-ment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)
TOTAL	94	1163962.94	-	1163962.94	1419.47	123	3918250.44	-	3918250.44	4107.06
Agriculture	2	7913.00	-	7913.00	9.65	4	18445.14	-	18445.14	20.27
Livestock & Fishery	1	4592.00	-	4592.00	5.60	3	84876.10	-	84876.10	96.02
Mining	1	12573.88	-	12573.88	15.33	2	30649.10	-	30649.10	32.73
Oil and Gas	6	253544.00	-	253544.00	309.20	-	-	-	-	-
Manufacturing	78	328587.12	-	328587.12	400.72	94	1648854.74	-	1648854.74	1827.28
Power	1	298644.82	-	298644.82	364.20	1	45580.78	-	45580.78	46.51
Transport & Communication	-	-	-	-	-	4	1136232.72	-	1136232.72	1190.23
Hotel & Tourism	1	246000.00	-	246000.00	300.00	6	375944.60	-	375944.60	435.21
Real Estate Development	-	-	-	-	-	4	321208.70	-	321208.70	440.57
Industrial Estate	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Others	4	12108.12	-	12108.12	14.77	5	256458.56	-	256458.56	18.23

TABLE 14.17 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER THE FOREIGN INVESTMENT LAW (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Sectors	2014-2015					2015-2016				
	No. of Enterprises	Total Investment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)	No. of Enterprises	Total Investment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)
TOTAL	211	7850322.34	-	7850322.34	8010.53	213	10429402.50	-	10429402.50	9481.28
Agriculture	4	38872.68	-	38872.68	39.67	2	7898.00	-	7898.00	7.18
Livestock & Fishery	5	26323.78	-	26323.78	26.86	2	9075.00	-	9075.00	8.25
Mining	1	6133.82	-	6133.82	6.26	1	31815.30	-	31815.00	28.92
Oil and Gas	26	3155899.88	-	3155899.88	3220.31	13	5299569.00	-	5299569.00	4817.79
Manufacturing	141	1471972.74	-	1471972.74	1502.01	158	1171497.80	-	1171497.00	1065.00
Power	1	39307.80	-	39307.80	40.11	2	396110.00	-	396110.00	360.10
Transport & Communication	8	1645717.92	-	1645717.92	1679.30	6	2124095.60	-	2124095.60	1931.00
Hotel & Tourism	5	350790.02	-	350790.02	357.95	6	317234.50	-	317234.50	288.40
Real Estate	6	765130.10	-	765130.10	780.75	7	801548.00	-	801548.00	728.68
Development	-	-	-	-	-	-	-	-	-	-
Industrial Estate	-	-	-	-	-	1	11000.00	-	11000.00	10.00
Construction	-	-	-	-	-	-	-	-	-	-
Others	14	350173.60	-	350173.60	357.32	15	259559.30	-	259559.30	235.96

TABLE 14.17 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER THE FOREIGN INVESTMENT LAW (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Sectors	2016-2017				
	No. of Enterprises	Total Investment	Local (Kyat)	Foreign (Kyat)	Foreign (US\$)
TOTAL	138	7979774.40	-	7979774.40	6649.81
Agriculture	-	-	-	-	-
Livestock & Fishery	4	116013.60	-	116013.60	96.68
Mining	-	-	-	-	-
Oil and Gas	-	-	-	-	-
Manufacturing	97	1415416.80	-	1415416.80	1179.51
Power	3	1091859.60	-	1091859.60	909.88
Transport & Communication	14	3697378.80	-	3697378.80	3081.15
Hotel & Tourism	5	484375.20	-	484375.20	403.65
Real Estate	3	897144.00	-	897144.00	747.62
Development	-	-	-	-	-
Industrial Estate	-	-	-	-	-
Construction	-	-	-	-	-
Others	12	277586.40	-	277586.40	231.32

TABLE 14.17 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR, UNDER THE FOREIGN INVESTMENT LAW (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Sectors	Cumulative Total as of March 31,2017				
	No.of Enter- prises	Total Invest- ment	Local (Kyat)	Foreign	
				(Kyat)	(US\$)
TOTAL	1246	71560557.84	-	71560557.84	70350.90
Agriculture	19	245730.28	-	245730.28	249.87
Livestock & Fishery	40	568866.90	-	568866.90	557.76
Mining	71	2843124.64	-	2843124.64	2897.61
Oil and Gas	154	22540295.44	-	22540295.44	22410.37
Manufacturing	732	7967516.40	-	7967516.40	7759.98
Power	13	20426020.76	-	20426020.76	20594.53
Transport & Communication	47	8941247.56	-	8941247.56	8154.24
Hotel & Tourism	68	2916420.30	-	2916420.30	2850.01
Real Estate Development	39	3930907.58	-	3930907.58	3754.07
Industrial Estate	4	200250.74	-	200250.74	203.11
Construction	2	37011.66	-	37011.66	37.77
Others	57	943165.58	-	943165.58	881.59

Source : Directorate of Investment and Company Administration.

TABLE 14.18 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY OF ORIGIN
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in US \$ Millions

Particulars	2005-2006		2010-2011		2012-2013	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
TOTAL	5	6065.675	24	19998.965	94	1419.467
Australia	-	-	-	-	-	-
Afghanistan	-	-	-	-	-	-
Austria	-	-	-	-	-	-
Bangladesh	-	-	-	-	-	-
Brunei Darussalam	-	-	-	-	1	1.000
Canada	1	0.700	-	-	2	2.102
China	-	-	3	8269.229	10	231.773
Cyprus	-	-	-	-	-	-
Cook Islands	-	-	-	-	-	-
Denmark	-	-	-	-	-	-
France	-	-	-	-	-	-
Germany	-	-	-	-	-	-
Hong Kong	-	-	6	5798.277	11	84.839
India	2	30.575	-	-	2	11.500
Indonesia	-	-	-	-	-	-
Israel	-	-	-	-	-	-
Japan	-	-	-	7.140 *	11	54.063
The Republic of Korea	-	-	10	2676.399	28	37.942
Laos	-	-	-	-	-	-
Luxembourg	-	-	-	-	-	-
Macau	-	-	-	-	-	-
Malaysia	-	-	2	76.750	2	4.324
Norway	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-
The Netherlands	-	-	-	-	2	10.301
Panama	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia Federation	-	-	-	-	-	-
Republic of Mauritius	-	-	-	-	-	-
Republic of the Marshall Island	-	-	-	-	-	-
Republic of Liberia	-	-	-	-	-	-
Singapore	-	-	1	226.170	15	418.233
Samoa	-	-	-	-	-	-
Sri Lanka	-	-	-	-	-	-
Sweden	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-
South Africa	-	-	-	-	-	-
Seychelles	-	-	-	-	-	-
Thailand	2	6034.400	1	2146.000	2	1.300
Taiwan	-	-	-	-	-	-
UK ^{1/}	-	-	1	799.000	5	232.700
U.S.A	-	-	-	-	-	-
U .A.E	-	-	-	-	-	-
Viet Nam	-	-	-	-	3	329.390

TABLE 14.18 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY OF ORIGIN (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in US \$ Millions

Particulars	2013-2014		2014-2015		2015-2016	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
TOTAL	123	4107.055	211	8010.533	213	9481.275 *
Australia	1	17.696	-	-	2	29.733
Afghanistan	-	-	-	-	1	0.653
Austria	-	-	-	-	-	-
Bangladesh	-	-	-	-	1	2.356
Brunei Darussalam	2	2.273	8	43.873	6	26.483
Canada	-	-	2	153.924	-	1.277 *
China	15	56.160	30	511.415	43	3323.853
Cyprus	-	-	-	-	-	-
Cook Islands	-	-	-	-	1	1.150
Denmark	-	-	-	-	-	-
France	1	5.360	1	67.250	-	-
Germany	-	-	1	3.600	-	-
Hong Kong	25	107.101	28	625.556	23	224.665
India	4	26.040	6	208.886	5	224.223
Indonesia	-	-	-	-	1	13.190
Israel	-	-	-	-	-	-
Japan	10	55.712	16	85.740	25	219.793
The Republic of Korea	12	81.205	24	299.586	14	128.091
Laos	1	0.883	-	-	-	-
Luxembourg	1	5.200	1	40.150	1	0.400
Macau	-	-	-	-	-	-
Malaysia	4	616.108	3	6.724	5	257.221
Norway	-	-	1	11.800	-	-
New Zealand	-	-	-	-	1	6.950
The Netherlands	-	-	4	302.405	3	438.025
Panama	-	-	-	-	-	-
Philippines	-	-	1	0.506	-	-
Qatar	-	-	-	-	1	4.500
Russia Federation	-	-	-	-	-	-
Republic of Mauritius	-	-	1	9.009	-	-
Republic of the Marshall Island	-	-	1	4.499	-	-
Republic of Liberia	-	-	2	64.601	-	-
Singapore	25	2340.121	43	4297.185	55	4246.875
Samoa	-	-	3	30.214	-	0.450 *
Sri Lanka	-	-	1	1.250	-	-
Sweden	-	-	1	14.300	-	-
Switzerland	-	-	2	27.000	1	1.695
South Africa	-	-	-	-	1	1.309
Seychelles	-	-	-	-	1	1.320
Thailand	9	489.072	11	165.679	12	236.174
Taiwan	1	0.760	4	5.489	3	8.293
UK 1/	10	156.864	13	850.759	3	75.310
U.S.A	-	-	1	2.041	1	2.610
U .A.E	1	4.500	1	1.692	-	-
Viet Nam	1	142.000	1	175.400	3	4.676
Lebanon	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-
Ireland	-	-	-	-	-	-
Belize	-	-	-	-	-	-

TABLE 14.18 FOREIGN INVESTMENT OF PERMITTED ENTERPRISES BY COUNTRY OF ORIGIN (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in US \$ Millions

Particulars	2016-2017		Cumulative Total as of March 31, 2017	
	No. of Enterprises	Foreign Investment	No. of Enterprises	Foreign Investment
TOTAL	138	6649.812	1246	70350.895
Australia	1	16.290	18	145.799
Afghanistan	-	-	1	0.653
Austria	-	-	2	72.500
Bangladesh	1	1.077	4	6.390
Brunei Darussalam	3	18.026	21	93.693
Canada	1	5.150	19	202.234
China	38	482.591	170	18554.689
Cyprus	-	-	1	5.250
Cook Islands	-	-	1	1.150
Denmark	-	-	1	13.370
France	2	0.790	6	542.400
Germany	-	1.153	3	22.253
Hong Kong	18	213.700	143	7563.553
India	-	-	23	732.649
Indonesia	1	9.034	14	263.721
Israel	-	-	1	2.400
Japan	6	60.423	92	691.950
The Republic of Korea	11	66.423	138	3555.731
Laos	-	-	1	0.883
Luxembourg	-	-	3	45.750
Macau	-	-	2	4.400
Malaysia	2	21.390	57	1932.728
Norway	-	-	1	11.800
New Zealand	-	-	1	6.950
The Netherlands	1	5.000	15	994.566
Panama	-	-	2	55.101
Philippines	-	-	3	147.173
Qatar	-	-	1	4.500
Russia Federation	-	-	2	94.000
Republic of Mauritius	-	-	3	39.584
Republic of the Marshall Island	-	6.510	1	11.009
Republic of Liberia	-	-	4	79.201
Singapore	27	3820.764	236	16884.746
Samoa	1	22.060	4	52.724
Sri Lanka	-	-	2	2.250
Sweden	-	-	1	2.050
Switzerland	-	-	4	30.087
South Africa	-	-	1	1.309
Seychelles	1	2.980	2	4.300
Thailand	10	423.058	106	10923.376
Taiwan	3	10.458	11	25.000
UK ^{1/}	3	54.320	86	4129.738
U.S.A	-	-	17	248.216
U .A.E	-	-	3	47.192
Viet Nam	3	1386.200	14	2079.462
Lebanon	1	12.980	1	12.980
Cambodia	2	1.675	2	1.675
Ireland	1	6.950	1	6.950
Berlize	1	0.810	1	0.810

Note: ^{1/} Include British Virgin Islands & Bermuda Islands & Cayman Islands.

Source : Directorate of Investment and Company Administration.

TABLE 14.19 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY FORM OF ORGANIZATION, UNDER THE FOREIGN INVESTMENT LAW (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Particulars	2016-2017				
	No.of Enter- prises	Total Investment	Local (Kyat)	Foreign	
				(Kyat)	(US\$)
TOTAL	138	7979774.40	-	7979774.40	6649.81
Wholly	85	3886519.20	-	3886519.20	3238.77
Foreign-owned					
Joint Venture	53	4093255.20	-	4093255.20	3411.05
(a) State Economic Enterprises	-	-	-	-	-
(b) Myanmar Economic Holdings Ltd.	-	-	-	-	-
(c) Yangon City Development Committee	-	-	-	-	-
(d) Private Enterprises	53	4093255.20	-	4093255.20	3411.05
(e) Co-operative Society	-	-	-	-	-
(f) JV Corporation	-	-	-	-	-
(g) Myanmar Economic Corporation	-	-	-	-	-
Production Sharing Basis	-	-	-	-	-
Improved Petroleum Recovery Contract	-	-	-	-	-

TABLE 14.19 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY FORM OF ORGANIZATION, UNDER THE FOREIGN INVESTMENT LAW (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in millions

Particulars	Cumulative Total as of March 31, 2017				
	No.of Enterprises	Total Investment	Local (Kyat)	Foreign	
				(Kyat)	(US\$)
TOTAL	966	61128094.68	-	61128094.68	59611.52
Wholly Foreign-owned	503	12416073.64	-	12416073.64	11663.66
Joint Venture	354	37212106.60	-	37212106.60	37291.04
(a) State Economic Enterprises	35	23481355.66	-	23481355.66	23960.57
(b) Myanmar Economic Holdings Ltd.	10	147247.94	-	147247.94	150.25
(c) Yangon City Development Committee	-	-	-	-	-
(d) Private Enterprises	307	13564667.40	-	13564667.40	13161.00
(e) Co-operative Society	1	2940.00	-	2940.00	3.00
(f) JV Corporation					
(g) Myanmar Economic Corporation	1	15895.60	-	15895.60	16.22
Production Sharing Basis	-	-	-	-	-
Improved Petroleum Recovery Contract	106	10352199.62	-	10352199.62	10563.47
	-	-	-	-	-

Note: Terminate from wholly foreign-owned is No. of Enterprise (3) and Amount(86.636US\$ in Millions) and joint venture is No. Of Enterprise (3) and amount(379.753 US\$ in millions).

Source: Directorate of Investment and Company Administration.

TABLE 14.20 TOTAL INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS UNDER THE FOREIGN INVESTMENT LAW
Years 2010/2011- 2016/2017, absolute values in millions

States and Regions	2010-2011		2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	No.of Enter-prise	Foreign Invest-ment	No.of Enter-prise	Foreign Invest-ment	No.of Enter-prise	Foreign Invest-ment	No.of Enter-prise	Foreign Invest-ment	No.of Enter-prise	Foreign Invest-ment	No.of Enter-prise	Foreign Invest-ment
TOTAL	24	19998.97 *	94	1419.47 *	123	4107.06 *	211	8010.53 *	213	9481.28 *	138	6649.81 *
Kachin State	2	8218.52	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	1	2.43	-	-	-	-
Kayin State	1	186.10	-	-	-	-	-	-	1	37.00	-	-
Chin State	-	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	3	1396.08	-	-	4	201.43	4	144.38	-	5.08 *	1	137.27
Tanintharyi Region	7	320.05	3	205.63	2	32.73 *	6	601.12	9	3311.65	-	0.53 *
Bago Region	1	2.00	5	57.98	7	626.65 *	17	460.04 *	11	67.00	9	129.08 *
Magway Region	-	-	2	39.40	-	-	3	234.20	1	6.00	2	312.62
MandalayRegion	-	-	2	64.50	2	82.25	7	666.54 *	12	473.48	7	736.22 *
Mon State	2	2945.00	-	-	1	374.70	6	325.60	3	336.60	-	0.60 *
Rakhine State	5	6866.90	-	-	-	-	5	1618.19	5	1178.35	-	-
Yangon Region	3	64.32 *	80	833.53 *	102	2745.11 *	154	3766.65	159	3862.46 *	117	5296.83 *
Shan State	-	-	1	198.93	2	32.73	1	16.83 *	3	154.00	1	6.67 *
Ayeyawady Region	-	-	1	19.50	3	11.46	6	165.56	7	42.16	1	29.99
Nay Pyi Taw	-	-	-	-	-	-	1	9.00	2	7.50	-	-

Note: * Increased in investment value.

Source: Directorate of Investment and Company Administration.

METHODOLOGY SHEET | Myanmar Citizens Investment of Permitted Enterprises

Responsible Unit (Service or Structure)	Directorate of Investment and Company Administration
Level of Disaggregation	Union, States and Regions
Study Variables	Myanmar Citizens Investment of Permitted Enterprises
Classification Variables	Myanmar Citizens Investment of Permitted Enterprises by Sector, State and Region
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Companies
Tables	14.21, 14.22

TABLE 14.21 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR
Years 2010/2011- 2016/2017, absolute values in millions

Sectors	2010-2011			2011-2012			2012-2013		
	No. of Enter- prises	US\$ Investment	Total (Kyat)	No. of Enter- prises	US\$ Investment	Total (Kyat)	No. of Enter- prises	US\$ Investment	Total (Kyat)
TOTAL	63	1008.02	750930.77	34	279.13 *	241575.53 *	65	742.54 *	1174625.29 *
Agriculture	-	-	-	-	-	-	-	-	-
Livestock and Fishery	4	0.12	2567.84	-	-	-	3	4.88	6250.00
Mining	1	1.60	250.00	-	-	-	2	2.62	2500.00
Manufacturing	31	322.85	172857.33	26	249.89	208747.08 *	39	168.67	260133.95 *
Power	4	205.42	238198.32	-	-	-	1	6.38	4369.26
Transport	4	98.12	40024.45	1	16.28	4300.00	5	235.15 *	247430.84 *
Hotel & Tourism	2	13.00	46887.29	1	0.27	389.13	2	63.35	121333.17
Real Estate Development	-	-	-	1	5.50	5000.00	2	85.09	108500.00
Industrial Estate	-	-	-	-	-	-	1	59.74	248200.00
Construction	14	63.18	167570.33	5	6.89	23110.35	5	43.53 *	80553.02
Others	3	303.73	82575.21	-	0.30 *	28.97 *	5	73.13	95355.05

TABLE 14.21 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (cont'd)
Years 2010/2011- 2016/2017, absolute values in millions

Sectors	2013-2014			2014-2015			2015-2016		
	No. of Enter- prises	US\$	Total Investment (Kyat)	No. of Enter- prises	US\$	Total Investment (Kyat)	No. of Enter- prises	US\$	Total Investment (Kyat)
TOTAL	68	1131.74 *	1715752.26 *	66	454.99 *	1206921.97 *	151	3190.29 *	5933245.56 *
Agriculture	-	-	-	1	49.38	48776.49	-	-	-
Livestock and Fishery	3	2.36	5872.46 *	2	0.26	3188.31 *	3	10.13	28684.64
Mining	-	-	-	1	0.75	850.00	10	76.58	123179.79
Manufacturing	26	333.67 *	565504.37 *	25	50.80 *	90408.77 *	60	725.29 *	1008970.70 *
Power	2	184.51	209151.26	-	-	-	-	-	-
Transport	2	125.30	107023.72 *	3	160.08	161723.54	10	1038.90	1328348.44
Hotel & Tourism	18	296.75 *	470450.34 *	20	60.31 *	202375.66 *	31	159.14	434670.81
Real Estate	2	2.04	5200.00	3	67.47	468349.47	19	451.04	1518462.85
Industrial Estate	1	16.00	51500.00	1	1.26	14248.25	5	5.23	260344.76
Construction	3	13.75	19824.56	4	45.39 *	141747.03 *	4	11.91	67508.40
Others	11	157.36	281225.55 *	6	19.29	75254.45	9	712.06	1163075.16

TABLE 14.21 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY SECTOR (concl'd)
Years 2010/2011- 2016/2017, absolute values in millions

Sectors	2016-2017		
	No. of Enterprises	US\$	Total Investment (Kyat)
TOTAL	51	792.54 *	1572882.10 *
Agriculture	2	0.37	1389.00
Livestock and Fishery	3	0.35 *	9915.69
Mining	1	2.11 *	4651.23 *
Manufacturing	14	59.31 *	93544.31 *
Power	1	-36.56 **	7185.56 **
Transport	6	291.96	412934.49
Hotel & Tourism	10	49.05 *	132916.06 *
Real Estate Development	4	274.53 *	631427.98 *
Industrial Estate	-	-	-
Construction	-	0.21 *	422.26
Others	10	151.21	278495.52

Note: * Increased in investment value.

Source: Directorate of Investment and Company Administration.

** Decreased in investment value.

TABLE 14.22 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS
Years 2010/2011- 2016/2017, absolute values in millions

States and Regions	2010-2011			2011-2012			2012-2013		
	No. of Enterprises	Total Investment (Kyat)	US\$	No. of Enterprises	Total Investment (Kyat)	US\$	No. of Enterprises	Total Investment (Kyat)	US\$
TOTAL	63	750930.77	1008.02	34	241575.53 *	279.13	65	1174625.29 *	742.54 *
Kachin State	2	30969.58	144.93	-	-	-	2	40516.70 (r)	5.20
Kayah State	1	104808.66	82.67	1	72157.67	58.11	-	-	-
Kayin State	-	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-
Sagaing Region	1	2077.86	-	1	2359.80	-	4	15589.00 * (r)	9.37 *
Tanintharyi Region	2	23500.88	64.98	-	-	-	3	6869.26 (r)	2.62
Bago Region	4	131950.36	117.73	-	- (r)	-	1	57949.00 (r)	9.85
Magway Region	1	4100.00	4.67	1	389.13	0.27	1	6717.29	4.68
Mandalay Region	10	114560.01	91.77	7	100424.38 * (r)	138.79	9	444235.77 * (r)	168.12 *
Mon State	4	17844.64	7.26	-	-	-	-	-	-
Rakhine State	1	8805.68	5.38	-	-	-	-	-	-
Yangon Region	26	183637.23	142.99	20	30140.26 (r)	61.07	41	586127.13 * (r)	91.30 *
Shan State	4	45032.83	44.82	3	31817.07 (r)	20.89	2	8007.87	5.82
Ayeyawady Region	4	2567.84	0.12	1	4287.22 (r)	-	2	8613.27	0.31
Nay Pyi Taw	3	81075.20	300.70	-	-	-	-	-	445.27

TABLE 14.22 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS
(cont'd)
Years 2010/2011- 2016/2017, absolute values in millions

States and Regions	2013-2014			2014-2015			2015-2016		
	No. of Enterprises	Total Investment (Kyat)	US\$	No. of Enterprises	Total Investment (Kyat)	US\$	No. of Enterprises	Total Investment (Kyat)	US\$
TOTAL	68	1715752.26 *	1131.74 *	66	1206922.00 *(r)	454.99 *	151	5933245.56 *	3190.29 *
Kachin State	-	-	-	-	-	-	2	23279.50	8.15
Kayah State	-	-	-	-	-	-	-	-	-
Kayin State	-	-	-	1	1000.00	-	1	5335.00	-
Chin State	-	-	-	-	-	-	-	-	-
Sagaing Region	-	- (r)	1.00 *	2	41064.80 *(r)	4.57	1	550.00	0.50
Tanintharyi Region	2	10888.48	6.53	7	95648.30 *(r)	63.60	8	57256.17	24.35
Bago Region	5	25443.59 *(r)	40.16 *	4	17524.10 *	8.44 *	8	333980.20 *	20.64 *
Magway Region	1	3220.66	3.20	1	19304.77	6.65	-	-	-
Mandalay Region	6	525729.53 *(r)	265.29 *	2	9608.49 *(r)	13.51 *	19	436431.61	210.78
Mon State	1	164900.00	147.00	1	10000.00	2.39	9	541120.02	503.13
Rakhine State	-	-	-	1	18285.77	9.21	7	42343.15	10.31
Yangon Region	43	844492.04 *(r)	612.64 *	27	649965.25 *(r)	145.33 *	77	4183154.00 *	2342.75 *
Shan State	3	87767.18	30.59	14	94145.97 *	29.07 *	12	112066.66	18.33
Ayeyawady Region	3	20510.78	6.88	2	13751.78	8.09	4	101988.61	10.23
Nay Pyi Taw	4	32800.00	18.46	4	236622.77	164.13	3	95740.65 *	41.13 *

TABLE 14.22 MYANMAR CITIZENS INVESTMENT OF PERMITTED ENTERPRISES BY STATES AND REGIONS
(concl'd)
Years 2010/2011- 2016/2017, absolute values in millions

States and Regions	2016-2017		
	No.of Enter- prises	Total Investment (Kyat)	US\$
TOTAL	51	1572882.10 *	792.54 *
Kachin State	-	-	-
Kayah State	-	4185.56 **	-38.88 **
Kayin State	2	4200.00	2.33
Chin State	-	-	-
Sagaing Region	1	7782.26 *	5.29 *
Tanintharyi Region	-	3500.00 *	0.08
Bago Region	1	1200.00	-
Magway Region	-	-	-
Mandalay Region	11	940540.36 *	545.71 *
Mon State	3	5240.23 *	2.40
Rakhine State	2	19288.09	6.61
Yangon Region	26	555531.05 *	253.66 *
Shan State	5	26272.00	11.01
Ayeyawady Region	-	-	-
Nay Pyi Taw	-	5142.55 *	4.33 *

Note: * Increased in investment value.

** Decreased in Investment value.

Source: Directorate of Investment and Company Administration.



15

Transport and Communications

In 2016-2017, **transportation** of total **passengers** amounted to around **68,397 thousand**, **passenger-miles** were **2,868,024 thousand**.

| In 2016-2017 the **railway network** stretched around **3,798 miles**. |

The total number of **private civil flights** rose from **5,465** in 2005-2006 to **39,208** in 2016-2017, recording a growth by **617%**. | Myanmar **road**

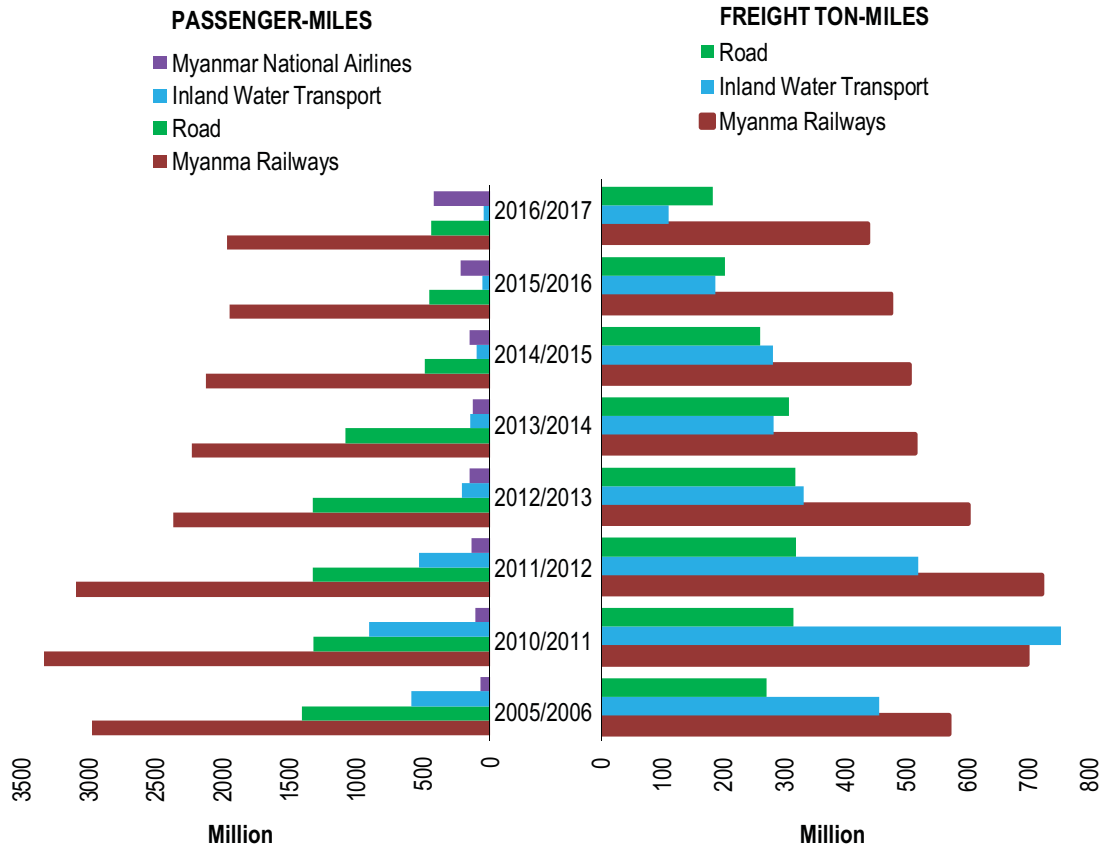
network totalled **25,868** miles in 2016-2017, **36%** more than in 2005-2006.

| **6,337,002** total registered **motor vehicles** were recorded in 2016-2017, with a growth by **547%** as compared to 2005-2006. | **Arrivals of Vessels**

by gross tonnage were **28,084**, **departures** were also **28,084** in 2016-

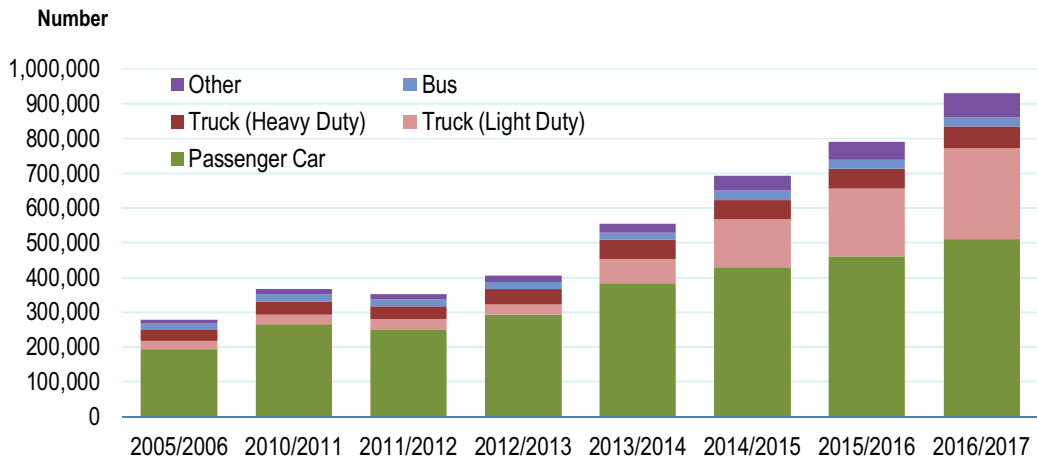
2017. | **55,300,256** Telephones and **54,783,425** Mobile Phone were in used in 2016-2017.

FIGURE 15.1 VOLUME OF PASSENGERS CARRIED AND FREIGHT TRAFFIC BY TYPES OF TRANSPORT



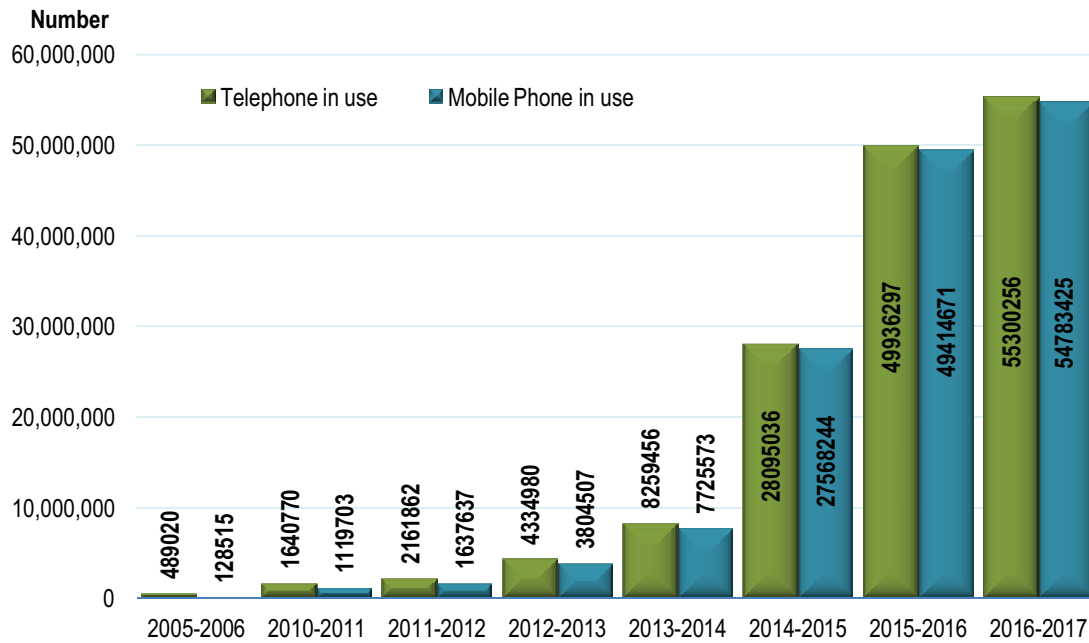
Source : Ministry of Transport and Communications

FIGURE 15.2 REGISTERED MOTOR VEHICLES BY TYPE IN YANGON AND OTHER AREAS



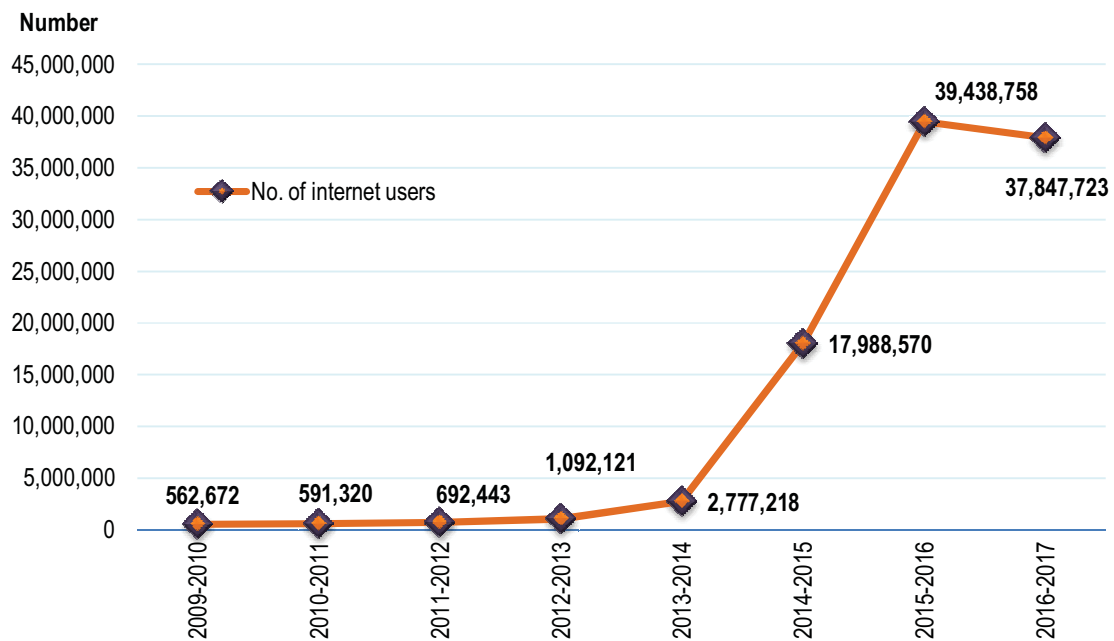
Source : Department of Road Transport Administration

FIGURE 15.3 COMMUNICATION STATISTICS



Source : Ministry of Transport and Communications

FIGURE 15.4 COMMUNICATION STATISTICS



Source : Ministry of Transport and Communications

TRANSPORT AND COMMUNICATIONS

METHODOLOGY SHEET | **Transportation**

Responsible Unit (Service or Structure)	Ministry of Transport and Communications, Private Airlines.
Level of Disaggregation	Union
Study Variables	Railways, Road, Waterways, Airways, Private Airlines
Classification Variables	Passengers, Passenger-miles, Freight ton, Freight ton-miles, Earnings from Passengers, Goods and Others, Flights, Aircrafts, Aircraft hours flown, Aerodromes, Airports, Miles Flown, Revenue, Non-Revenue, All Weather, Seasonal, Domestic Airports, International Airports
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Passengers, Freight
Tables	15.01, 15.02, 15.03, 15.04, 15.05, 15.06, 15.07, 15.08

TABLE 15.01 VOLUME OF PASSENGERS CARRIED BY TYPES OF TRANSPORT
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Total	Type of Transport			
		Railways	Road	Waterways	Airways
Passengers					
2005-2006	132471	69277	37626	25345	228
2010-2011	128035	67650	32477	27565	343
2012-2013	102124	53816	32772	15020	516
2013-2014	91645	53208	24773	13242	422
2014-2015	74666	47883	13996	12287	500
2015-2016	66908	42045	13027	11239	597
2016-2017	68397	44264	12785	10324	1024
Passenger-miles					
2005-2006	5034437	2968785	1403683	588833	73136
2010-2011	5654421	3328720	1317920	902208	105573
2012-2013	4051105	2365878	1321328	210099	153800
2013-2014	3574899	2226815	1076704	146120	125260
2014-2015	2855502	2122743	482982	96651	153126
2015-2016	2670780	1946980	451505	54539	217756
2016-2017	2868024	1965896	440623	44863	416642

Sources: 1. Myanma Railways.
 2. Road Transport.
 3. Inland Water Transport.
 4. Myanmar National Airlines.

TABLE 15.02 VOLUME OF FREIGHT TRAFFIC BY TYPES OF TRANSPORT
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Type of Transport			
	Railways	Road	Waterways	Airways
	Freight ton			
	Long-ton	Long-ton	Long-ton	Short-ton
2005-2006	2879	2349	4262	0.9
2010-2011	3408	2421	4786	0.5
2012-2013	2839	2442	2117	1.0
2013-2014	2467	2389	1898	2.1
2014-2015	2280	2039	1787	1.9
2015-2016	1983	1197	1375	0.83
2016-2017	1743	1078	951	1.00
	Freight ton-miles (Ton-miles)			
2005-2006	570124	271079	455175	294
2010-2011	697848	315780	753689	153
2012-2013	601906	318222	332004	279
2013-2014	515010	307843	283118	733
2014-2015	504758	260611	282353	675
2015-2016	475620	203052	187806	318
2016-2017	437167	183525	110193	396

Sources: 1. Myanma Railways.
 2. Road Transport.
 3. Inland Water Transport.
 4. Myanmar National Airlines.

TABLE 15.03 VOLUME OF PASSENGERS CARRIED BY PRIVATE AIR TRANSPORT
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Total	Of which				
		Myanmar Airways International	Air Bagan Limited	Air Mandalay Limited	Yangon Airways	Air KBZ Limited
Passengers						
2005-2006	645	158	85	239	163	-
2010-2011	903	276	327	152	148	-
2012-2013	1503	423	279	143	205	226
2013-2014	1830	296	295	138	236	396
2014-2015	1934	296	263	47	277	327
2015-2016	1990	298	68	41	259	453
2016-2017	2022	288	-	58	266	679
Passenger-miles						
2005-2006	229002	110975	22788	57514	37725	-
2010-2011	343994	207086	71954	32343	32611	-
2012-2013	11191833	343237	62519	31530	45586	10659050
2013-2014	68799894	235239	63699	30143	54167	68243570
2014-2015	151297386	237687	59618	11520	71326	150715400
2015-2016	119242889	221166	15288	12813	63504	118729200
2016-2017	207689796	200622	-	22821	51454	207252490

TABLE 15.03 VOLUME OF PASSENGERS CARRIED BY PRIVATE AIR TRANSPORT(Concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Of which				
	Asian Wings Airways	Mann Yadanarpon	Golden Myanmar	FMI Air Limited	Apex Airlines
	Passengers				
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2012-2013	207	-	15	5	-
2013-2014	222	10	201	36	-
2014-2015	155	164	359	46	-
2015-2016	182	224	309	56	100
2016-2017	126	213	219	70	103
	Passenger-miles				
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2012-2013	45459	-	4452	-	-
2013-2014	50293	2020	120763	-	-
2014-2015	35804	36000	130031	-	-
2015-2016	42600	42000	89898	-	26420
2016-2017	30339	42000	60860	-	29210

Sources: 1. Myanmar Airways International.
2. Air Bagan Limited .
3. Air Mandalay Limited.
4. Yangon Airways.
5. Air KBZ Limited.
6. Asian Wings Airways.
7. Mann Yadanarpon Airlines.
8. Golden Myanmar Airlines.
9. FMI Air Limited.
10. Apex Airlines.

TABLE 15.04 VOLUME OF FREIGHT TRAFFIC BY PRIVATE AIR TRANSPORT
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Total	Of which				
		Myanmar Airways International	Air Bagan Limited	Air Mandalay Limited	Yangon Airways	Air KBZ Limited
Freight-ton (Short-ton)						
2005-2006	1.074	1	0.006	0.030	0.038	-
2010-2011	2.662	2.546	0.064	0.023	0.029	-
2012-2013	4.448	4.096	0.081	0.048	0.046	0.125
2013-2014	3.840	3.102	0.118	0.048	0.036	0.181
2014-2015	3.543	2.142	0.114	0.013	0.051	0.200
2015-2016	2.493	1.978	0.032	0.028	0.052	0.035
2016-2017	4.922	4.526	-	0.016	0.044	0.033
Freight ton-miles (Ton-miles)						
2005-2006	629.307	609	2	8	10.307	-
2010-2011	1430.551	1401	17	5	7.551	-
2012-2013	2627.655	2512	26	11	12.967	51.396
2013-2014	2488.732	1947	31	11	9.535	343.325
2014-2015	2459.967	1400	28	3	9.920	573.396
2015-2016	9715.614	1292	7	9	10.405	7898.166
2016-2017	11773.835	1810	-	6	6.779	9723.958

TABLE 15.04 VOLUME OF FREIGHT TRAFFIC BY PRIVATE AIR TRANSPORT (Concl'd)
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Of which				
	Asian Wings Airways	Mann Yadanarpon	Golden Myanmar	FMI Air Limited	Apex Airlines
Freight-ton (Short-ton)					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2012-2013	0.052	-	-	-	-
2013-2014	0.063	-	0.292	-	-
2014-2015	0.029	0.036	0.958	-	-
2015-2016	0.025	0.079	0.180	-	0.084
2016-2017	0.014	0.029	0.177	-	0.083
Freight ton-miles (Ton-miles)					
2005-2006	-	-	-	-	-
2010-2011	-	-	-	-	-
2012-2013	14.292	-	-	-	-
2013-2014	21.144	-	125.728	-	-
2014-2015	8.916	196.000	240.735	-	-
2015-2016	9.661	431.066	36.619	-	21.697
2016-2017	4.207	136.820	63.686	-	22.385

- Sources: 1. Myanmar Airways International.
 2. Air Bagan Limited.
 3. Air Mandalay Limited.
 4. Yangon Airways.
 5. Air KBZ Limited.
 6. Asian Wings Airways.
 7. Mann Yadanarpon Airlines.
 8. Golden Myanmar Airlines.
 9. FMI Air Limited.
 10. Apex Airlines.

TABLE 15.05 EARNINGS FROM PRINCIPAL MEANS OF PUBLIC TRANSPORT
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in kyat Millions

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
RAILWAYS							
Earnings from							
Passengers	15747.89	20639.34	36213.46	35472.96	34211.92	31818.08 (r)	30208.28
Goods	5214.64	8288.01	19623.12	19308.06	18509.54	17653.32	15545.72
Others	1695.27	4237.27	5844.49	7427.17	9089.24	20809.45 (r)	18642.59
Total	22657.80	33164.63	61681.07	62208.19	61810.70	70280.85 (r)	64396.59
AIRWAYS							
Earnings from							
Passengers	3522.52	13470.73	20964.38	17211.43	26333.03	49535.70	93757.50
Goods	178.12	1527.33	511.01	1250.73	1153.99	1529.78	1522.7
Others	91.29	338.49	19246.23	21075.88	23382.43	14968.58	19620.5
Total	3791.93	15336.55	40721.62	39538.04	50869.45	66034.06	114900.70
INLAND WATERWAYS							
Earnings from							
Passengers	1636.08	1264.08	2601.95	2584.51	2215.45	1551.74	1771.23
Goods	2421.63	6063.58	8418.13	7468.02	2728.87	4517.50	2632.01
Others	48.40	412.40	1245.53	552.87	4589.98	2272.61	1855.65
Total	4106.11	7740.06	12265.61	10605.40	9534.30	8341.84	6258.89
ROAD							
Earnings from							
Passengers	994.42	1458.78	1355.03	927.59	773.09	607.35 (r)	1350.90
Goods	2428.53	5470.05	5926.10	5399.82	4458.74	3153.56	2139.38
Others	312.33	559.30	970.62	1266.21	6289.22	5856.59 (r)	4093.84
Total	3735.28	7488.13	8251.75	7593.62	11521.05	9617.50 (r)	7584.12

Sources: 1. Myanmar Railways.
 2. Myanmar National Airlines.
 3. Inland Water Transport.
 4. Road Transport.

TABLE 15.06 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Million

Particular	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Myanmar Airways								
International Earnings From								
Passengers	Ks	-	-	-	-	-	-	-
	US\$	16.06	0.85	5.07	3.59	57.85	29.29	25.94
Goods	Ks	-	-	-	-	-	-	-
	US\$	0.83	0.06	0.03	0.03	1.80	1.81	2.38
Others	Ks	-	-	-	-	-	-	-
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	-	-	-	-	-
	US\$	16.89	0.91	5.10	3.62	59.65	31.10	28.31
Air Bagan Limited								
Earnings From								
Passengers	Ks	4243.00	11539.00	14340.00	15522.00	15010.00	4149.00	-
	US\$	-	-	-	-	-	-	-
Goods	Ks	6.00	69.00	83.00	121.00	108.00	30.00	-
	US\$	-	-	-	-	-	-	-
Others	Ks	93.00	4090.00	1010.00	348.00	270.00	77.00	-
	US\$	-	-	-	-	-	-	-
Total	Ks	4342.00	15698.00	15433.00	15991.00	15388.00	4256.00	-
	US\$	-	-	-	-	-	-	-
Air Mandalay Limited								
Earnings From								
Passengers	Ks	-	-	-	-	-	-	-
	US\$	11.98	8.81	9.06	8.06	3.20	2.38	3.27
Goods	Ks	-	-	-	-	-	-	-
	US\$	0.04	0.03	0.06	0.07	0.02	0.03	0.01
Others	Ks	-	-	-	-	-	-	-
	US\$	0.07	0.02	0.06	0.39	0.32	0.02	0.60
Total	Ks	-	-	-	-	-	-	-
	US\$	12.09	8.86	9.18	8.52	3.54	2.43	3.88
Yangon Airways								
Earnings From								
Passengers	Ks	3265.33	4908.49	4121.35	5123.86	7378.16	8065.81	6338.18
	US\$	3.07	3.47	7.30	7.22	6.30	3.59	4.26
Goods	Ks	39.29	81.74	60.72	77.48	110.14	139.56	119.33
	US\$	0.01	0.00	0.02	0.02	0.01	0.01	0.00
Others	Ks	33.55	60.10	51.59	65.03	21.29	23.19	13.57
	US\$	0.13	0.12	0.14	0.15	0.06	0.04	0.02
Total	Ks	3338.17	5050.33	4233.65	5266.37	7509.58	8228.56	6471.07
	US\$	3.20	3.60	7.45	7.39	6.37	3.64	4.29

TABLE 15.06 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT(cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Million

Particular	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Air KBZ Limited								
Earnings From								
Passengers	Ks	-	-	3138.72	539.88	199.98	823.30	1900.42
	US\$	-	-	2.85	9.75	10.61	23.51	29.67
Goods	Ks	-	-	47.19	65.09	55.50	81.11	68.32
	US\$	-	-	-	-	-	0.01	0.01
Others	Ks	-	-	21.75	38.45	11.30	45.20	62.04
	US\$	-	-	-	0.01	-	-	-
Total	Ks	-	-	3207.66	643.42	266.78	949.61	2030.78
	US\$	-	-	2.85	9.76	10.61	23.51	29.68
Asian Wings Airways								
Earnings From								
Passengers	Ks	-	-	5323.53	5722.38	2437.45	3796.10	5179.72
	US\$	-	-	7.20	6.58	8.17	8.83	2.19
Goods	Ks	-	-	64.66	87.67	40.46	41.04	20.01
	US\$	-	-	-	-	0.13	0.00	0.00
Others	Ks	-	-	10.38	23.32	24.36	18.39	70.64
	US\$	-	-	0.08	0.09	0.26	0.08	0.11
Total	Ks	-	-	5398.57	5833.37	2502.27	3855.53	5270.37
	US\$	-	-	7.28	6.67	8.56	8.91	2.31
Mann Yadanarpon Airlines								
Earnings From								
Passengers	Ks	-	-	-	268.00	3405.00	12310.00	11740.00
	US\$	-	-	-	-	-	-	-
Goods	Ks	-	-	-	-	3.00	3.00	2.00
	US\$	-	-	-	-	-	-	-
Others	Ks	-	-	-	-	2.00	2.00	2.00
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	-	268.00	3410.00	12315.00	11744.00
	US\$	-	-	-	-	-	-	-
Golden Myanmar								
Earnings From								
Passengers	Ks	-	-	1.81	3646.00	2510.78	8036.18	7984.78
	US\$	-	-	0.28	7.02	5.67	3.92	-
Goods	Ks	-	-	1.65	101.69	21.31	30.84	158.37
	US\$	-	-	0.00	0.21	0.09	0.01	-
Others	Ks	-	-	0.00	250.37	169.81	41.28	82.80
	US\$	-	-	0.03	2.52	14.95	4.49	0.92
Total	Ks	-	-	3.46	3998.06	2701.90	8108.30	8225.95
	US\$	-	-	0.31	9.75	20.71	8.42	0.92

TABLE 15.06 EARNINGS FROM PRINCIPAL MEANS OF PRIVATE AIR TRANSPORT (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in Million

Particular	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
FMI Air Limited								
Earnings From								
Passengers	Ks	-	-	1601.95	5347.48	7101.91	6474.31	8506.47
	US\$	-	-	-	-	-	-	-
Goods	Ks	-	-	-	-	-	-	-
	US\$	-	-	-	-	-	-	-
Others	Ks	-	-	46.18	266.39	162.62	233.77	91.97
	US\$	-	-	-	-	-	-	-
Total	Ks	-	-	1648.13	5613.87	7264.53	6708.08	8598.44
	US\$	-	-	-	-	-	-	-
Apex Airlines								
Earnings From								
Passengers	Ks	-	-	-	-	-	3421.58	3423.39
	US\$	-	-	-	-	-	0.73	0.56
Goods	Ks	-	-	-	-	-	134.26	129.66
	US\$	-	-	-	-	-	-	-
Others	Ks	-	-	-	-	-	106.00	102.65
	US\$	-	-	-	-	-	0.00	0.01
Total	Ks	-	-	-	-	-	3661.84	3655.70
	US\$	-	-	-	-	-	0.73	0.57

Sources: 1. Myanmar Airways International.
2. Air Bagan Limited.
3. Air Mandalay Limited.
4. Yangon Airways.
5. Air KBZ Limited.
6. Asian Wings Airways.
7. Mann Yadanarpon Airlines.
8. Golden Myanmar Airlines.
9. FMI Air Limited.
10. Apex Airlines.

TABLE 15.07 CIVIL AVIATION STATISTICS (PUBLIC)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
FLIGHTS							
Total							
a. Number of flights	2219	2527	4017	3839	4474	5537	7584
b. Miles flown (000)	1792	2222	3494	3002	3443	4285	6639
Internal							
a. Number of flights	2018	2527	4017	3831	4474	5210	6142
b. Miles flown (000)	1642	2222	3494	2988	3443	3574	4347
Scheduled Flights							
a. Number of flights	2018	2298	2293	2268	3107	5232	7162
b. Miles flown (000)	1642	2061	2068	1789	2414	4026	6308
Internal							
a. Number of flights	2018	2298	2293	2268	3107	4909	5758
b. Miles flown (000)	1642	2061	2068	1789	2414	3326	4096
NUMBER OF AIRCRAFTS	13	9	13	14	10	16	18
AIRCRAFT HOURS FLOWN	8728	12537	15045	13033	14676	15801	22287
a. Revenue	8385	11812	14665	12777	14031	14835	21780
b. Non-Revenue	343	725	380	256	645	966	507
NUMBER OF AERODROMES	69	69	69	69	69	69	69
a. All weather	35	41	41	41	42	42	42
b. Seasonal	34	28	28	28	27	27	27
NUMBER OF AIRPORTS	-	32	33	33	34	34	34
a. Domestic	-	30	30	30	31	31	31
b. International	-	2	3	3	3	3	3

Note: Number of airports is included in number of aerodromes.

Sources: 1. Department of Civil Aviation.
2. Myanmar National Airlines.

TABLE 15.08 CIVIL AVIATION STATISTICS (PRIVATE)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
FLIGHT							
Total							
a. Number of flights	5465	4657	14712	18732 (r)	19862 (r)	39234 (r)	39208
b. Miles flown (000)	126703	181958	423302	179429 (r)	1784884 (r)	2113297 (r)	2609364
Internal							
a. Number of flights	3541	2161	9863	15406	16697	35703	35676
b. Miles flown (000)	121749	178161	154728	175391	1780998	2108750	2608636
External							
a. Number of flights	1924	2496	4849	3326 (r)	3165 (r)	3531 (r)	3532
b. Miles flown (000)	4954	3797	268574	4038 (r)	3886 (r)	4547 (r)	728
Scheduled Flights							
a. Number of flights	5465	4657	14712	18732	19862 (r)	36129 (r)	42012
b. Miles flown (000)	126703	181958	423285	179429	1784884 (r)	2113123 (r)	2535828
Internal							
a. Number of flights	3541	2161	9863	15406	16697	32815	38631
b. Miles flown (000)	121749	178161	154711	175391	1780998	2108733	2535803
External							
a. Number of flights	1924	2496	4849	3326 (r)	3165 (r)	3314 (r)	3381
b. Miles flown (000)	4954	3797	268574	4038 (r)	3886 (r)	4390 (r)	25
NUMBER OF AIRCRAFTS	13	14	48	21 (r)	24 (r)	31 (r)	29
AIRCRAFT HOURS FLOWN							
a. Revenue	18247	21014	35035	39838 (r)	45216 (r)	55167 (r)	61908
b. Non-Revenue	15	22	36	3	51	341	192

- Sources:
1. Myanmar Airways International.
 2. Air Bagan Limited.
 3. Air Mandalay Limited.
 4. Yangon Airways.
 5. Air KBZ Limited.
 6. Asian Wings Airways.
 7. Mann Yadanarpon Airlines.
 8. Golden Myanmar Airlines.
 9. FMI Air Limited.
 10. Apex Airlines.

METHODOLOGY SHEET| **Railway Transport**

Responsible Unit (Service or Structure)	Myanma Railways
Level of Disaggregation	Union
Study Variables	Length of Railways, Rolling Stock, Goods Stock, Railway Stations and Commodities
Classification Variables	Route mileage, Track mileage, Locomotives, Passenger Cars, Wagons, Carrying Capacity
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Length, Stock, Freights
Tables	15.09, 15.10, 15.11

TABLE 15.09 RAIL TRANSPORT STATISTICS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
LENGTH OF RAILWAYS							
a.Route mileage	3075	3605	3688	3722	3795	3795	3798
b.Track mileage	3986	4729	4818	4855	4933	4933	4939
ROLLING STOCK							
a.Locomotives							
i.Engines (Number)							
Steam	39	37	35	35	35	35	35
Diesel	297	387	405	405	377	377	382
ii.Tractive Effort (000 Lbs)							
Steam	735	-	-	-	-	-	-
Diesel	12228	13300	13600	13667	13150	13150	13324
b.Passenger Cars (Number)							
i.Coaching Vehicles							
ii.Seating Capacity	876	823	877	915	965	1001	1001
ii.Seating Capacity							
	36597	32820	35370	37680	40110	41670	41670
GOODS STOCK							
a.Wagons (Number)							
i.Four-Wheeled							
ii.Bogies	713	11	11	11	11	11	11
ii.Bogies							
	2003	1428	1453	1790	1800	1815	1854
b.Carrying Capacity (Ton)							
i.Four-Wheeled							
ii.Bogies	12695	176	176	176	176	176	176
ii.Bogies							
	59904	45696	46496	57280	57600	58050	59328
RAILWAY STATIONS (NUMBER)	787	915	939	946	960	960	960

Source: Myanma Railways.

TABLE 15.10 COMMODITIES TRANSPORTED BY RAILWAYS
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2005-2006		2010-2011		2012-2013		2013-2014	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
TOTAL	2879	570124	3408	697848	2839	601906	2467	515010
Paddy	*	20	-	45	-	35	-	-
Rice	97	33967	76	24386	84	27163	71	24565
Flour and atta	4	1670	15	5993	21	7971	24	9300
Grains and pulses (edible)	26	9992	32	11722	29	11319	15	5602
Indian Corn,Cob	11	4040	6	1624	-	60	1	70
Fruits (fresh and dry) and vegetables	1	261	-	43	2	766	-	55
Provisions	39	15177	66	25310	83	31952	97	38639
Timber	198	52645	208	47827	206	47039	167	45632
Sugarcane	21	272	3	484	-	-	-	-
Sugar	21	8290	13	4947	8	2880	2	831
Kyanthaga	1	154	-	-	-	32	1	73
Jaggery	-	-	-	-	-	-	-	-
Molasses	*	28	-	-	-	-	-	-
Salt	82	27206	61	21732	41	15635	20	7908
Cigarettes and tobacco	*	74	-	74	-	-	-	34
Leaves for cigar wrapping	-	-	-	-	-	2	-	-
Seeds,Common	2	543	2	778	1	453	1	472
Fodder	19	7130	9	3159	10	3571	6	1977
Cotton	-	-	-	12	-	16	-	1
Piece goods	*	46	3	1222	4	1313	1	316
Gunnies (empties)	*	99	-	68	-	2	-	2

TABLE 15.10 COMMODITIES TRANSPORTED BY RAILWAYS (cont'd)
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2005-2006		2010-2011		2012-2013		2013-2014	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
Charcoal	*	40	1	131	-	-	-	-
Firewood	17	2997	23	3659	28	4623	26	4183
Coal and Coke	20	3165	1	168	-	-	-	-
Petroleum and other hydro-carbon oils (Dangerous)	20	5715	30	9086	27	8186	20	6158
Petroleum and other hydro-carbon oils (Non- dangerous)	58	14682	85	27960	88	27034	80	23955
Oils Division "A" and "B"	3	1161	4	1734	3	1342	4	1623
Ores	8	1591	17	4814	11	1958	18	2668
Lead ores pig or scrap	1	332	-	12	-	-	-	-
Iron and steel, Division "A"(finished)	4	1393	25	9163	29	11639	35	15216
Iron and steel, Division "B"(unfinished)	2	796	3	949	19	6806	15	6325
Baryte Gypsum Limestone	43	11500	20	5588	13	5763	4	1598
Machinery other than electrical including agricultural implement	1	302	6	2199	3	661	1	187
Bricks and building material	3	1134	6	2333	7	3388	7	3584
Cement	45	15803	40	13912	31	13408	27	10273
Stone and ballast	90	15372	141	31392	198	39901	80	22141
Manures	54	21082	168	63271	63	23323	49	18674
Explosive and other dangerous goods, n.e.s.	3	963	4	1581	16	10003	10	5469
Military accouterments and stores	78	21064	92	24216	99	27070	86	22442
Livestock	*	79	2	435	2	370	2	428
Railway Departmental	944	82923	1033	90748	806	60016	849	60656
Miscellaneous	963	206416	1213	255071	907	206206	748	173953

TABLE 15.10 COMMODITIES TRANSPORTED BY RAILWAYS (cont'd)
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2014-2015		2015-2016		2016-2017	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
TOTAL	2280	504758	1983	475620	1743	437167
Paddy	-	-	-	-	-	-
Rice	38	13313	27	9894	13	4526
Flour and atta	20	7655	20	7628	26	10069
Grains and pulses (edible)	13	4495	13	5151	12	4598
Indian Corn,Cob	1	444	-	5	1	293
Fruits (fresh and dry) and vegetables	1	114	1	43	-	-
Provisions	98	38723	87	34003	73	28735
Timber	131	35634	149	32138	142	29435
Sugarcane	-	-	-	-	-	-
Sugar	1	155	36	14110	125	48208
Kyanthaga	-	4	-	-	-	-
Jaggery	-	-	-	-	-	-
Molasses	-	-	-	-	-	-
Salt	32	13169	41	16430	28	12017
Cigarettes and tobacco	-	51	-	41	-	-
Leaves for cigar wrapping	-	-	-	-	-	-
Seeds,Common	2	557	1	121	-	31
Fodder	6	2121	5	1775	3	1100
Cotton	-	-	-	-	-	-
Piece goods	1	217	1	43	-	-
Gunnies (empties)	-	-	-	16	-	-

TABLE 15.10 COMMODITIES TRANSPORTED BY RAILWAYS (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2014-2015		2015-2016		2016-2017	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
Charcoal	-	-	-	-	-	-
Firewood	21	3541	12	2100	7	1118
Coal and Coke	-	-	-	-	-	-
Petroleum and other hydro-carbon oils (Dangerous)	18	5189	16	4543	14	3659
Petroleum and other hydro-carbon oils (Non- dangerous)	73	22219	66	19708	52	15143
Oils Division "A" and "B"	4	1556	4	1563	4	1563
Ores	15	1884	6	790	1	242
Lead ores pig or scrap	-	-	-	-	-	-
Iron and steel, Division "A"(finished)	26	12217	21	9851	18	8871
Iron and steel, Division "B"(unfinished)	6	2354	-	-	-	-
Baryte Gypsum Limestone	4	800	10	4209	1	156
Machinery other than electrical including agricultural implement	1	707	1	84	1	72
Bricks and building material	11	5048	19	8661	41	13575
Cement	35	11189	25	7857	12	5061
Stone and ballast	151	42998	159	44645	143	38940
Manures	97	37218	91	35077	65	24989
Explosive and other dangerous goods, n.e.s.	5	2241	12	6040	6	3050
Military accouterments and stores	85	22261	85	22313	86	22095
Livestock	1	302	1	92	-	26
Railway Departmental	663	47884	473	44208	372	36915
Miscellaneous	720	168498	601	142481	497	122680

Source: Myanma Railways.

TABLE 15.11 COMMODITIES TRANSPORTED BY RAILWAYS ACCORDING TO BSITC CLASSIFICATION
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2005-2006		2010-2011		2012-2013		2013-2014	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
TOTAL	2879	570124	3408	697848	2839	601906	2467	515010
Food and live animals	210	70451	165	55954	185	65211	148	53496
Beverages and tobacco	17	6603	17	6781	29	11160	41	16747
Crude materials, inedible except fuels	558	152898	685	195217	627	162253	429	129063
Mineral fuels, lubricants and related materials	85	23487	129	41817	137	41750	111	34763
Animal and vegetable oils and fats	11	4267	24	9091	20	7715	24	9423
Chemicals	16	6290	17	6744	29	14719	22	10309
Manufactured goods classified chiefly by materials	79	29633	90	34009	61	25241	49	19622
Machinery and transport equipment	5	1749	4	1575	5	1989	2	646
Miscellaneous manufactured articles	1753	194399	2035	271418	1467	179055	1378	155615
Commodities not classified according to kind	145	80347	242	75242	279	92813	263	85326

TABLE 15.11 COMMODITIES TRANSPORTED BY RAILWAYS ACCORDING TO BSITC CLASSIFICATION
(concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	2014-2015		2015-2016		2016-2017	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
TOTAL	2280	504758	1983	475620	1743	437167
Food and live animals	107	39292	127	48223	203	77575
Beverages and tobacco	36	14724	26	10528	13	5563
Crude materials, inedible except fuels	495	153928	496	148638	412	119421
Mineral fuels, lubricants and related materials	104	34393	92	29296	72	21913
Animal and vegetable oils and fats	31	11918	33	12536	32	12159
Chemicals	18	7190	22	10345	17	7263
Manufactured goods classified chiefly by materials	61	22483	59	22607	60	21149
Machinery and transport equipment	2	658	1	137	3	1560
Miscellaneous manufactured articles	1180	140459	920	124399	736	104281
Commodities not classified according to kind	246	79713	207	68911	195	66283

Note: BSITC – Burma Standard International Trade Classification.

Source: Myanma Railways.

METHODOLOGY SHEET | **Shipping Statistics**

Responsible Unit (Service or Structure)	Customs Department, Department of Marine Administration, Inland Water Transport, Myanmar Five Star Line, Myanmar Port Authority
Level of Disaggregation	Union
Study Variables	Inland Waterways, Shipping, Commodities, Foreign Trade, Coastal Trade, Vessels by Gross Tonnage, Arrivals, Departures, Vessels by Capacity and Flag, Seaborne Cargo, In-Shipments, Out-Shipments, Sea-Going Passenger and Inland Passenger
Classification Variables	Valid certified private water craft, Riverine, Coastal, Inland Water Transport, Powered Craft, Dumb Craft, Overseas Shipping, Number of Vessels, Chartered, Coastal Shipping, Number of Lighthouses, Commodities, Loaded, Unloaded, With Cargo, Entry, Clearance, Gross Tonnage, Net Tonnage, Vessels, Schooners, Flag of ship (Arrival and Departure), International, Coastal, Foreshore, Wharf, Mid-Stream, Petrol Oil and Lubricants, Rice and Rice Products, Minerals, Timber, Tonnage Registered, Inward, Outward
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Daily, Monthly, Yearly
Units	Foreign Trade, Coastal Trade
Tables	15.12, 15.13, 15.14, 15.15, 15.16, 15.17, 15.18, 15.19, 15.20, 15.21, 15.22, 15.23, 15.24

TABLE 15.12 INLAND AND OVERSEAS SHIPPING STATISTICS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
INLAND WATERWAYS							
1.Valid certified private water craft (Number)							
a.Riverine	3636	4588	2160	2281	2217	2344	2800
b.Coastal	140	253	348	386	409	486	529
2.Inland Water Transport (Public) (Number)							
a.Powered Craft	319	239	225	225	211	178	163
b.Dumb Craft	197	190	187	188	172	162	153
SHIPPING							
1.Overseas Shipping (000 ton) (Yangon)							
a.Loaded	1173	3256	4883	5329	3409	3111	2466
b.Unloaded	3253	8600	10244	12519	16014	18915	11583
2.Number of Vessels							
a.Myanmar Five Star Line	26	23	22	22	19	19	16
b.Chartered	-	8	5	-	-	-	9
3.Coastal Shipping (000 ton) (Yangon)							
a.Loaded	111	278	423	405	363	368	543
b.Unloaded	207	270	386	400	615	679	1236
4.Number of Lighthouses	27	26	26	26	26	26	26
a.With Lighthouse keeper	10	9	9	9	9	9	7
b.Without Lighthouse keeper	17	17	17	17	17	17	19

Sources: 1. Customs Department.
2. Department of Marine Administration.
3. Inland Water Transport.
4. Myanmar Five Star Line.
5. Myanmar Port Authority.

TABLE 15.13 PRINCIPAL COMMODITIES TRANSPORTED BY INLAND WATERWAYS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Particular	Unit	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
TOTAL	Ton	4262	4786	2117	1898	1787	1375	951
	Ton-miles	455175	753689	332004	283118	282353	187806	110193
Rice	Ton	2	-	4	31	44	11	16
	Ton-miles	224	-	1785	3894	5383	1482	2267
Cement	Ton	1	6	5	0.3	1	-	-
	Ton-miles	155	2267	2143	179	597	-	-
Petroleum Coke	Ton	4	-	-	-	-	-	-
	Ton-miles	1637	-	-	-	-	-	-
Fertilizer	Ton	-	-	-	-	-	-	-
	Ton-miles	-	-	-	-	-	-	-
Miscellaneous	Ton	4210	4763	2076	1855.7	1741.3	1364	935
	Ton-miles	425579	740632	307824	271899	276034	186324	107926
Timber	Ton	45	17	32	11	0.7	-	-
	Ton-miles	27580	10790	20252	7146	339	-	-

Source: Inland Water Transport.

TABLE 15.14 SEABORNE SHIPPING TONNAGE OF CARGO HANDLED AT THE PORT OF YANGON
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in ton

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
INTERNATIONAL							
(a)Loaded	1172890	3255635	4882715	5328703	3409298	3111346	2465937
(b)Unloaded	3252813	8599975	10244127	12519267	16014329	18914808	11582910
COASTAL							
(a)Loaded	111104	278056	423016	404895	362784	367672	543220
(b)Unloaded	207461	269590	386352	400096	615340	679388	1235902

Source: Customs Department.

TABLE 15.15 MERCHANT SHIPPING: FOREIGN TRADE
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Total		With Cargo		In Ballast	
	Number of Times	Tonnage Registered (000)	Number of Times	Tonnage Registered (000)	Number of Times	Tonnage Registered (000)
			ENTRY			
2005-2006	674	3253	674	3253	-	-
2010-2011	1691	8600	1469	8600	222	-
2012-2013	2118	10244	1582	10244	536	-
2013-2014	2339	12519	1834	12519	505	-
2014-2015	2352	16014	2022	16014	330	-
2015-2016	2408	18915	2286	18915	122	-
2016-2017	1350	11583	1285	11583	65	-
			CLEARANCE			
2005-2006	265	1173	265	1173	-	-
2010-2011	1682	3256	1192	3256	490	-
2012-2013	2033	4883	797	4883	1236	-
2013-2014	2187	5329	868	5329	1319	-
2014-2015	2224	3409	662	3409	1562	-
2015-2016	2413	3111	844	3111	1569	-
2016-2017	1390	2466	575	2466	815	-

Source: Customs Department.

TABLE 15.16 MERCHANT SHIPPING : COASTAL TRADE
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Total		With Cargo		In Ballast	
	Number of Times	Tonnage Registered (000)	Number of Times	Tonnage Registered (000)	Number of Times	Tonnage Registered (000)
			ENTRY			
2005-2006	583	207	583	207	-	-
2010-2011	884	270	710	270	174	-
2012-2013	1251	386	904	386	347	-
2013-2014	1069	400	800	400	269	-
2014-2015	1072	615	827	615	245	-
2015-2016	1289	679	910	679	379	-
2016-2017	1365	543	972	543	393	-
			CLEARANCE			
2005-2006	398	111	398	111	-	-
2010-2011	922	278	769	278	153	-
2012-2013	1324	423	1085	423	239	-
2013-2014	1108	405	889	405	219	-
2014-2015	1102	363	777	363	325	-
2015-2016	1195	368	812	368	383	-
2016-2017	1394	1236	786	1236	608	-

Source: Customs Department.

TABLE 15.17 NUMBER AND CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM MYANMAR PORTS
Years 2011/2012-2016/2017, absolute values

Port	Year	Number			Gross Tonnage(000)			Net Tonnage(000)		
		Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
ARRIVALS										
TOTAL	2011-2012	3400	3870	7270	13497	983	14480	6572	480	7052
	2012-2013	4245	4144	8389	18342	1310	19652	8376	518	8894
	2013-2014	4832	5388	10220	25600	1133	26733	12028	537	12565
	2014-2015	4636	5029	9665	25741	1269	27010	12051	588	12651
	2015-2016	5141	6520	11661	29879	1728	31607	13271	726	13997
	2016-2017	4911	7322	12233	30909	1298	32207	14068	491	14559
	Yangon	2011-2012	1714	606	2320	10625	348	10973	5386	157
2012-2013		2003	642	2645	14509	403	14912	6769	181	6950
2013-2014		2335	707	3042	18675	403	19078	8689	181	8870
2014-2015		2254	775	3029	20597	577	21174	9398	254	9652
2015-2016		2572	809	3381	26440	665	27105	11745	249	11994
2016-2017		2409	412	2821	28084	303	28387	12730	141	12871
Sittwe		2011-2012	326	-	326	339	-	339	133	-
	2012-2013	394	-	394	356	-	356	136	-	136
	2013-2014	508	-	508	970	-	970	390	-	390
	2014-2015	498	-	498	736	-	736	285	-	285
	2015-2016	490	-	490	501	-	501	232	-	232
	2016-2017	459	-	459	416	-	416	168	-	168
	Patheingyi	2011-2012	23	385	408	38	30	68	19	17
2012-2013		32	732	764	49	40	89	19	27	46
2013-2014		12	2085	2097	39	21	60	13	13	26
2014-2015		22	1787	1809	29	-	29	12	-	12
2015-2016		45	1694	1739	68	-	68	27	-	27
2016-2017		68	67	135	189	-	189	87	4	91
Mawlamyine		2011-2012	136	1	137	103	1	104	46	1
	2012-2013	215	-	215	178	-	178	85	-	85
	2013-2014	160	25	185	337	5	342	176	3	179
	2014-2015	356	-	356	1755	-	1755	990	-	990
	2015-2016	438	2	440	1032	1	1033	555	-	555
	2016-2017	648	3	651	774	2	776	395	-	395
	Other Ports	2011-2012	1201	2878	4079	2392	604	2996	988	305
2012-2013		1601	2770	4371	3250	867	4117	1367	310	1677
2013-2014		1817	2571	4388	5579	704	6283	2760	340	3100
2014-2015		1506	2467	3973	2624	692	3316	1378	334	1712
2015-2016		1596	4015	5611	1838	1062	2900	712	477	1189
2016-2017		1327	6480	8167	1446	993	2439	688	346	1034

TABLE 15.17 NUMBER AND CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM MYANMAR PORTS (concl'd)
Years 2011/2012-2016/2017, absolute values

Port	Year	Number			Gross Tonnage(000)			Net Tonnage(000)		
		Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
DEPARTURES										
TOTAL	2011-2012	3363	3901	7264	13344	990	14334	6524	487	7011
	2012-2013	4172	4189	8361	18107	1155	19262	8297	548	8845
	2013-2014	4839	5424	10263	25654	1219	26873	11714	536	12250
	2014-2015	4624	5020	9644	25752	1261	27013	11871	585	12456
	2015-2016	5177	7319	12496	30011	1684	31695	13302	769	14071
	2016-2017	4828	7325	12149	31062	7216	38278	13991	437	14428
Yangon	2011-2012	1711	606	2317	10569	348	10917	5360	158	5518
	2012-2013	1994	642	2636	14410	402	14812	6706	181	6887
	2013-2014	2335	707	3042	18674	403	19077	8689	181	8870
	2014-2015	2253	775	3028	20576	577	21153	9392	254	9646
	2015-2016	2573	809	3382	26441	665	27106	11746	249	11995
	2016-2017	2409	412	2821	28084	303	28387	12731	141	12872
Sittwe	2011-2012	319	-	319	193	-	193	61	-	61
	2012-2013	394	-	394	390	-	390	146	-	146
	2013-2014	505	-	505	931	-	931	373	-	373
	2014-2015	498	-	498	744	-	744	304	-	304
	2015-2016	497	-	497	551	-	551	219	-	219
	2016-2017	448	-	448	360	-	360	162	-	162
Patheingyi	2011-2012	23	384	407	36	28	64	18	16	34
	2012-2013	30	725	755	44	43	87	16	27	43
	2013-2014	12	2106	2118	40	23	63	13	14	27
	2014-2015	17	1787	1804	26	-	26	10	-	10
	2015-2016	54	1694	1748	74	-	74	31	-	31
	2016-2017	67	2044	2111	187	-	187	87	-	87
Mawlamyine	2011-2012	134	9	143	101	1	102	44	1	45
	2012-2013	212	1	213	173	1	174	83	-	83
	2013-2014	135	25	160	246	5	251	126	3	129
	2014-2015	352	-	352	1780	-	1780	904	-	904
	2015-2016	455	2	457	1085	1	1086	583	2 (r)	585 (r)
	2016-2017	630	3	633	760	3	763	393	3	396
Other Ports	2011-2012	1176	2902	4078	2445	613	3058	1041	312	1353
	2012-2013	1542	2821	4363	3090	709	3799	1346	340	1686
	2013-2014	1852	2586	4438	5763	788	6551	2513	338	2851
	2014-2015	1504	2458	3962	2626	684	3310	1261	331	1592
	2015-2016	1598	4814	6412	1860	1018	2878	723	519	1242
	2016-2017	1270	4866	6136	1671	6910	8581	618	296	914

Source: Myanmar Port Authority.

TABLE 15.18 CAPACITY OF VESSELS ARRIVING AT AND DEPARTING FROM THE PORT OF YANGON
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Number			Gross Tonnage(000)			Net Tonnage(000)		
	Vessels	Schooners	Total	Vessels	Schooners	Total	Vessels	Schooners	Total
ARRIVALS									
2005-2006	1256	267	1523	5881	113	5994	3044	50	3094
2010-2011	1772	555	2327	9837	299	10136	5126	117	5243
2012-2013	2003	642	2645	14509	403	14912	6769	181	6950
2013-2014	2335	707	3042	18675	403	19078	8689	181	8870
2014-2015	2254	775	3029	20597	577	21174	9398	254	9652
2015-2016	2572	809	3381	26440	665	27105	11745	249	11994
2016-2017	2409	412	2821	28084	303	28387	12730	141	12871
DEPARTURES									
2005-2006	1250	267	1517	5825	113	5938	3027	50	3077
2010-2011	1769	555	2324	9903	299	10202	5140	117	5257
2012-2013	1994	642	2636	14410	402	14812	6706	181	6887
2013-2014	2335	707	3042	18674	403	19077	8689	181	8870
2014-2015	2253	775	3028	20576	577	21153	9392	254	9646
2015-2016	2573	809	3382	26441	665	27106	11746	249	11995
2016-2017	2409	412	2821	28084	303	28387	12731	141	12872

Source: Myanmar Port Authority.

TABLE 15.19 VESSELS ARRIVING AT AND DEPARTING FROM THE PORT OF YANGON BY GROSS TONNAGE
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Year	Vessels by Gross Tonnage											Total
	Under 1000	1001- 2000	2001- 3000	3001- 4000	4001- 5000	5001- 6000	6001- 7000	7001- 8000	8001- 9000	9001- 10000	Above 10001	
ARRIVALS												
2005-2006	186	254	49	128	236	71	11	93	43	75	110	1256
2010-2011	195	176	177	117	277	145	129	147	85	175	149	1772
2012-2013	272	170	128	78	210	198	83	221	52	234	357	2003
2013-2014	343	179	133	89	227	242	88	155	67	289	523	2335
2014-2015	278	153	73	90	142	194	56	167	183	384	534	2254
2015-2016	229	153	59	117	131	82	93	159	330	401	818	2572
2016-2017	149	144	60	147	68	91	34	91	171	262	1192	2409
DEPARTURES												
2005-2006	188	250	50	125	238	71	12	93	42	75	106	1250
2010-2011	189	177	176	118	277	143	129	148	86	174	152	1769
2012-2013	342	172	139	76	196	202	76	204	50	214	323	1994
2013-2014	343	179	133	89	227	242	88	155	67	289	523	2335
2014-2015	279	153	73	90	141	194	56	167	183	383	533	2253
2015-2016	230	153	59	117	131	82	93	159	330	401	818	2573
2016-2017	149	144	60	147	68	91	34	91	171	262	1192	2409

Source: Myanma Port Authority.

TABLE 15.20 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP
Years 2012/2013-2016/2017, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
GRAND TOTAL	2012-2013	2003	14508834	6769617	1994	14409417	6706612
	2013-2014	2335	18674569	8689364	2335	18674309	8689200
	2014-2015	2254	20596831	9397955	2253	20576065	9391885
	2015-2016	2572	26440104	11745407	2573	26440994	11745935
	2016-2017	2408	28070290	12724685	2408	28070290	12724685
Antiga	2012-2013	24	242802	119665	23	233202	114783
	2013-2014	55	573834	285652	55	373834	252652
	2014-2015	61	581369	287774	61	581369	287774
	2015-2016	122	1168436	607084	122	1168436	607084
	2016-2017	48	511967	251266	48	511967	251266
Astraulia	2012-2013	2	9302	7662	2	9302	7662
	2013-2014	1	28	27	1	28	27
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Bahamas	2012-2013	11	130020	53471	12	135397	59003
	2013-2014	19	290900	118113	19	290900	118113
	2014-2015	36	428676	176244	36	428676	176244
	2015-2016	17	416829	224660	17	416829	224660
	2016-2017	11	183551	79211	11	183551	79211
Bangladesh	2012-2013	42	478815	271633	38	423874	240157
	2013-2014	64	707209	409710	64	707209	409710
	2014-2015	2	24906	14778	2	24906	14778
	2015-2016	5	77451	45973	5	77451	45973
	2016-2017	2	29408	15766	2	29408	15766
Belize	2012-2013	3	21052	10467	3	21052	10467
	2013-2014	1	17056	10329	1	17056	10329
	2014-2015	1	60	18	1	60	18
	2015-2016	-	-	-	-	-	-
	2016-2017	1	2181	654	1	2181	654
Cambodia	2012-2013	3	8561	4218	3	8561	4218
	2013-2014	-	-	-	-	-	-
	2014-2015	1	6318	2143	1	6318	2143
	2015-2016	3	80598	25460	3	80598	25460
	2016-2017	-	-	-	-	-	-
China	2012-2013	76	1049606	468513	76	1045911	466980
	2013-2014	34	503237	252452	34	503237	252452
	2014-2015	33	406654	204540	33	406654	204540
	2015-2016	40	490155	239872	40	490155	239872
	2016-2017	16	218123	129291	16	218123	129291
Cyprus	2012-2013	3	18639	10120	3	18639	10115
	2013-2014	55	428417	208049	55	428417	208049
	2014-2015	42	462718	245207	42	462718	245207
	2015-2016	23	198369	86673	23	198369	86673
	2016-2017	13	243086	119876	13	243086	119876
Dominica	2012-2013	-	-	-	-	-	-
	2013-2014	8	47260	28789	8	47260	28789
	2014-2015	104	689363	391210	104	689363	391210
	2015-2016	64	629066	322774	64	629066	322774
	2016-2017	93	1304357	594224	93	1304357	594224

TABLE 15.20 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP
(cont'd)
Years 2012/2013-2016/2017, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Germany	2012-2013	-	-	-	-	-	-
	2013-2014	1	22496	8264	1	22496	8264
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Gibraltar	2012-2013	35	297091	141500	35	297091	141500
	2013-2014	2	2692	808	2	2692	808
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Honduras	2012-2013	10	27396	12811	10	27396	12811
	2013-2014	-	-	-	-	-	-
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Hong Kong	2012-2013	-	-	-	-	-	-
	2013-2014	40	728010	411946	40	728010	411946
	2014-2015	55	1137591	531841	55	1137591	531841
	2015-2016	50	1063948	516721	50	1063948	516721
	2016-2017	60	984950	454460	60	984950	454460
India	2012-2013	74	305936	147057	71	307046	154289
	2013-2014	82	414213	197234	82	414213	197234
	2014-2015	10	188379	87838	10	188379	87838
	2015-2016	3	68341	31860	3	68341	31860
	2016-2017	-	-	-	-	-	-
Indonesia	2012-2013	59	204515	85661	61	224683	98598
	2013-2014	12	54880	26510	12	54880	26510
	2014-2015	83	649410	324261	83	649410	324261
	2015-2016	94	788362	413244	94	788362	413244
	2016-2017	145	1449357	685761	145	1449357	685761
Island	2012-2013	-	-	-	-	-	-
	2013-2014	8	47260	28789	8	47260	28789
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Italy	2012-2013	-	-	-	-	-	-
	2013-2014	1	15355	7706	1	15355	7706
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Japan	2012-2013	-	-	-	-	-	-
	2013-2014	-	-	-	-	-	-
	2014-2015	4	148052	47143	4	148052	47143
	2015-2016	1	22472	7955	1	22472	7955
	2016-2017	1	63007	18902	1	63007	18902
Korea	2012-2013	38	239942	114926	37	213250	93062
	2013-2014	49	324189	125516	49	324189	125516
	2014-2015	44	252361	101656	44	252361	101656
	2015-2016	24	164375	73919	24	164375	73919
	2016-2017	25	217788	102575	25	217788	102575

TABLE 15.20 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP
(cont'd)
Years 2012/2013-2016/2017, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Liberia	2012-2013	101	1125458	620100	101	1117380	619571
	2013-2014	51	790373	339246	51	790373	229246
	2014-2015	116	1412436	700888	116	1412436	700888
	2015-2016	145	1689295	837219	145	1689295	837219
	2016-2017	195	2843152	1455993	195	2843152	1455993
Malaysia	2012-2013	93	535425	188708	90	533120	184951
	2013-2014	79	417938	161789	79	417938	161789
	2014-2015	61	287141	99737	61	287141	99737
	2015-2016	60	397049	157714	60	397049	157714
Maldova	2012-2013	1	2657	1459	2	26120	13998
	2013-2014	-	-	-	-	-	-
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Malta	2012-2013	20	247032	129782	20	246759	129777
	2013-2014	4	36193	19956	4	36193	19956
	2014-2015	5	45614	22343	5	45614	22343
	2015-2016	15	222053	91626	15	222053	91626
	2016-2017	48	632384	332656	48	632384	332656
Marshall Island	2012-2013	43	132275	60849	43	132275	60849
	2013-2014	79	503387	219418	79	503387	219418
	2014-2015	64	517663	226519	64	517663	226519
	2015-2016	177	1846285	819602	177	1846285	819602
Mongolia	2012-2013	115	1637419	690388	115	1637419	690388
	2013-2014	18	65423	35694	18	42154	23213
	2014-2015	33	143542	75322	33	143542	75322
	2015-2016	13	60251	31651	13	60251	31651
	2016-2017	6	6818	2720	6	6818	2720
Myanmar	2012-2013	3	1174	502	3	1174	502
	2012-2013	291	1340894	659559	289	1341618	662989
	2013-2014	294	1482058	750794	294	1481798	750630
	2014-2015	318	1627237	777262	320	1624756	776831
	2015-2016	278	1722748	752828	279	1723688	753356
Netherlands	2016-2017	119	868050	397163	119	868050	397163
	2012-2013	2	11633	3064	2	11633	4064
	2013-2014	1	61214	31371	1	61214	31371
	2014-2015	3	128223	63020	3	128223	63020
	2015-2016	4	140791	68556	4	140791	68556
Norway	2016-2017	4	32655	7330	4	32655	7330
	2012-2013	-	-	-	-	-	-
	2013-2014	8	190517	57159	8	190517	57159
	2014-2015	5	158759	47632	5	158759	47632
	2015-2016	17	252368	99374	17	252368	99374
Panama	2016-2017	8	262204	95644	8	262204	95644
	2012-2013	329	3580987	1389085	327	3618031	1378185
	2013-2014	527	5032602	2010975	527	5032602	2010975
	2014-2015	377	4525614	1844644	375	4507716	1839121
	2015-2016	493	6560628	2512445	493	6560628	2512445
2016-2017	408	5265566	2107262	408	5265566	2107262	

TABLE 15.20 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP
(cont'd)
Years 2012/2013-2016/2017, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Philippines	2012-2013	2	13525	8483	2	13525	8483
	2013-2014	6	104610	56694	6	104610	56694
	2014-2015	2	19820	8988	2	19820	8988
	2015-2016	2	19820	8988	2	19820	8988
	2016-2017	-	-	-	-	-	-
Portuguese	2015-2016	5	55194	20320	5	55194	20320
	2016-2017	21	264067	89408	21	264067	89408
Russia	2012-2013	-	-	-	-	-	-
	2013-2014	1	6037	3602	1	6037	3602
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Singapore	2012-2013	393	2828518	1388682	390	2805436	1361830
	2013-2014	453	3511371	1675325	453	3511371	1675325
	2014-2015	431	4410503	1895345	430	4410116	1895229
	2015-2016	478	5553573	2316820	478	5553573	2316820
	2016-2017	641	7682876	3433521	641	7682876	3433521
Srilanka	2012-2013	-	-	-	-	-	-
	2013-2014	1	9938	4266	1	9938	4266
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
ST.John's	2012-2013	1	11473	3834	1	11473	3834
	2013-2014	-	-	-	-	-	-
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
ST.Kitts (Basse Terre-Leeward Lands)	2012-2013	-	-	-	-	-	-
	2013-2014	7	84676	41308	7	84676	41308
	2014-2015	10	34969	14366	10	34969	14366
	2015-2016	1	3238	1536	1	3238	1536
	2016-2017	-	-	-	-	-	-
St-Vincent	2012-2013	1	13800	7971	2	27600	15942
	2013-2014	16	192731	94394	16	192731	94394
	2014-2015	14	140885	72225	14	140885	72225
	2015-2016	20	226180	121030	20	226180	121030
	2016-2017	26	330416	180203	26	330416	180203
Switzerland	2012-2013	-	-	-	-	-	-
	2013-2014	-	-	-	-	-	-
	2014-2015	1	17951	10748	1	17951	10748
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Tavalu	2012-2013	-	-	-	-	-	-
	2013-2014	3	35917	21214	3	35917	21214
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Thailand	2012-2013	197	899803	473353	203	859438	484415
	2013-2014	169	971472	513507	169	971472	513507
	2014-2015	191	1147191	591809	191	1147191	591809
	2015-2016	214	1196943	607732	214	1196943	607732
	2016-2017	205	1380063	651842	205	1380063	651842

TABLE 15.20 ARRIVAL AND DEPARTURE OF SEA-GOING VESSELS BY CAPACITY AND FLAG OF SHIP(concl'd)
Years 2012/2013-2016/2017, absolute values

Flag of Ship	Year	Arrivals			Departures		
		No. of Vessels	Gross Tonnage	Net Tonnage	No. of Vessels	Gross Tonnage	Net Tonnage
Turkish(Turkey)	2012-2013	2	36146	19586	2	36146	19586
	2013-2014	1	3576	1796	1	3576	1796
	2014-2015	-	-	-	-	-	-
	2015-2016	-	-	-	-	-	-
	2016-2017	1	30064	17802	1	30064	17802
United Arab Emirates (UAE)	2015-2016	2	774	232	2	774	232
	2016-2017	-	-	-	-	-	-
United Kingdom	2012-2013	-	-	-	-	-	-
	2013-2014	-	-	-	-	-	-
	2014-2015	1	117	-	1	117	-
	2015-2016	-	-	-	-	-	-
	2016-2017	-	-	-	-	-	-
Vanautu	2012-2013	8	14669	4248	9	37069	15890
	2013-2014	18	57385	19906	18	57385	19906
	2014-2015	11	20316	6372	11	20316	6372
	2015-2016	17	49081	13906	17	49081	13906
	2016-2017	1	1529	458	1	1529	458
Vietnam	2012-2013	121	615439	327456	119	584236	305385
	2013-2014	155	822538	465597	155	822538	465597
	2014-2015	155	1066284	569753	155	1066284	569753
	2015-2016	192	1328814	716564	192	1328814	716564
	2016-2017	127	13035418	516148	127	13035418	516148

Source: Myanmar Port Authority.

TABLE 15.21 SEABORNE CARGO HANDLED BY THE PORT OF YANGON
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in ton

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
GRAND TOTAL	10238715	18438641	24167636	24049913	29205278	31057188	31924983
a.International	9644607	17371969	22857407	22999727	27951999	30091461	30871324
b.Coastal	594108	1066672	1310229	1050186	1253279	965727	1053659
OUTSHIPMENT							
Wharf	4624113	5922464	6397936	6768622	6450425	5838112	7565830
a.International	4507322	5664285	6148349	6496163	5832562	5637258	7346605
b.Coastal	116791	258179	249587	272459	617863	200854	219225
Foreshore	100847	208781	229813	357406	323104	3730192	518621
a.International	-	-	-	-	-	694	-
b.Coastal	100847	208781	229813	357406	323104	369498	518621
Mid-Stream	-	-	181	-	-	-	-
a.International	-	-	181	-	-	-	-
b.Coastal	-	-	-	-	-	-	-
Total	4724960	6131245	6627930	7126028	6773529	6208304	8084451
a.International	4507322	5664285	6148530	6496163	5832562	5637952	7346605
b.Coastal	217638	466960	479400	629865	940967	570352	737846
INSHIPMENT							
Wharf	5384742	10819526	15904007	14888347	19518976	20561619	19009615
a.International	5137105	10389154	15313421	14597376	19311758	20275043	18757057
b.Coastal	247637	430372	590586	290971	207218	286576	252558
Foreshore	128833	169340	240243	129350	105094	108799	63255
a.International	-	-	-	-	-	-	-
b.Coastal	128833	169340	240243	129350	105094	108799	63255
Mid-Stream	180	1318530	1395456	1906188	2807679	4178466	4767662
a.International	180	1318530	1395456	1906188	2807679	4178466	4767662
b.Coastal	-	-	-	-	-	-	-
Total	5513755	12307396	17539706	16923885	22431749	24848884	23840532
a.International	5137285	11707684	16708877	16503564	22119437	24453509	23524719
b.Coastal	376470	599712	830829	420321	312312	395375	315813

Source: Myanma Port Authority.

TABLE 15.22 SEABORNE CARGO BY PRINCIPAL COMMODITY
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in ton

Commodity	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
GRAND TOTAL	10238715	18438641	24167636	24049913	26075970	31057188	31924983
OUTSHIPMENT							
Petrol Oil and Lubricants	69491	49267	68095	60547	44203	20982 (r)	18628
Rice and Rice Products	221335	594685	702683	549675	604874	305643	834769
Minerals	42426	42633	25222	8402	1448	5244	198866
Timber	1730382	1646058	1441025	1698044	869562	585422	735707
General Cargo	2661326	3798602	4390905	4809360	4930340	5291013 (r)	6475481
TOTAL	4724960	6131245	6627930	7126028	6450427	6208304	8084451
INSHIPMENT							
Petrol Oil and Lubricants	1618868	2028570	2224361	2351798	3467039	4369661	5017410
General Cargo	3894887	10278826	15315345	14572087	16158504	20479223	18823122
TOTAL	5513755	12307396	17539706	16923885	19625543	24848884	23840532

Source: Myanma Port Authority.

TABLE 15.23 SEABORNE CARGO BY COMMODITY SECTION (BSITC)
Years 2011/2012-2016/2017, absolute values in ton

Commodity	Year	Outshipment (exports)			Inshipment (imports)		
		Foreign	Coastal	Total	Foreign	Coastal	Total
TOTAL	2011-2012	6861974	399036	7261010	13811916	649417	14461333
	2012-2013	6148530	479400	6627930	16708877	830829	17539706
	2013-2014	6496163	629865	7126028	16503564	420321	16923885
	2014-2015	5832563	617864	6450427	19311757	313786	19625543
	2015-2016	5637953	570351	6208304	24453509	395375	24848884
	2016-2017	7346605	737846	8084451	23524718	315814	23840532
Food and live animals	2011-2012	4140792	19824	4160616	510530	186908	697438
	2012-2013	3839013	65700	3904713	731073	254564	985637
	2013-2014	3146278	30204	3176482	577530	174262	751792
	2014-2015	3550337	28374	3578711	582004	146730	728734
	2015-2016	2672322	-	2672322	1689205	149379	1838584
	2016-2017	2241334	-	2241334	2418341	168447	2586788
Beverages and tobacco	2011-2012	11200	2440	13640	277602	1027	278629
	2012-2013	19233	3848	23081	41955	2034	43989
	2013-2014	7581	11890	19471	43334	6722	50056
	2014-2015	11490	15386	26876	49101	18	49119
	2015-2016	13897	-	13897	56252	-	56252
	2016-2017	23165	-	23165	38438	-	38438
Crude materials inedible except fuel	2011-2012	1997562	66544	2064106	1920869	67141	1988010
	2012-2013	1565113	78430	1643543	2044389	83129	2127518
	2013-2014	2377139	32845	2409984	2813296	61134	2874430
	2014-2015	2035132	237444	2272576	8067659	97223	8164882
	2015-2016	1925848	405322	2331170	11308609	178864	11487473
	2016-2017	2590767	571230	3161997	8592899	26227	8619126
Mineral fuels lubricants and related materials	2011-2012	12415	39882	52297	3960346	203583	4163929
	2012-2013	7644	67439	75083	3396512	28713	3425225
	2013-2014	6429	29523	35952	3355006	55705	3410711
	2014-2015	2129	39590	41719	2500754	8338	2509092
	2015-2016	14869	76441	91310	3147746	18222	3165968
	2016-2017	14890	4766	19656	224286	-	224286
Animal and vegetable oils and fats	2011-2012	-	2210	2210	337225	18014	355239
	2012-2013	-	40	40	220063	4599	224662
	2013-2014	181	-	181	331786	-	331786
	2014-2015	108	-	108	4202	-	4202
	2015-2016	36	-	36	17469	-	17469
	2016-2017	108	-	108	9461	-	9461
Chemicals	2011-2012	-	1877	1877	289879	12826	302705
	2012-2013	72	5972	6044	531218	13204	544422
	2013-2014	3654	61823	65477	387810	7584	395394
	2014-2015	8036	4144	12180	483803	1771	485574
	2015-2016	23850	-	23850	508101	-	508101
	2016-2017	16500	-	16500	671791	-	671791

TABLE 15.23 SEABORNE CARGO BY COMMODITY SECTION (BSITC) (concl'd)
Years 2011/2012-2016/2017, absolute values in ton

Commodity	Year	Outshipment (exports)			Inshipment (imports)		
		Foreign	Coastal	Total	Foreign	Coastal	Total
Manufactured goods classified chiefly by material	2011-2012	25228	8	25236	-	155	155
	2012-2013	15976	291	16267	7458	49	7507
	2013-2014	1085	575	1660	2024	-	2024
	2014-2015	2135	-	2135	53945	-	53945
	2015-2016	3842	-	3842	57170	-	57170
	2016-2017	9409	-	9409	43508	-	43508
	Machinery and transport equipment	2011-2012	187831	264915	452746	3394050	26716
2012-2013		148496	255433	403929	6149020	28098	6177118
2013-2014		766011	460948	1226959	4667720	9294	4677014
2014-2015		76852	290708	367560	5385363	9407	5394770
2015-2016		42751	-	42751	4000675	-	4000675
2016-2017		1993359	161850	2155209	5428347	-	5428347
Miscellaneous manufactured articles	2011-2012	23095	1056	24151	2689568	126069	2815637
	2012-2013	21288	212	21500	2899922	408357	3308279
	2013-2014	21184	315	21499	3711530	101834	3813364
	2014-2015	29992	12	30004	1820151	50023	1870174
	2015-2016	731127	88588	819715	3128883	48910	3177793
	2016-2017	119732	-	119732	5445633	121140	5566773
Commodities not classified according to kind	2011-2012	463851	280	464131	431847	6978	438825
	2012-2013	531695	2035	533730	687267	8082	695349
	2013-2014	166621	1742	168363	613528	3786	617314
	2014-2015	116352	2206	118558	364775	276	365051
	2015-2016	209411	-	209411	539399	-	539399
	2016-2017	337341	-	337341	652014	-	652014

Source: Myanmar Port Authority.

TABLE 15.24 PASSENGER STATISTICS OF THE PORT OF YANGON
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
SEA-GOING PASSENGER							
a. Inward	28434	6814	8893	13186	20050	13864 (r)	5964
b. Outward	24632	6869	9421	13567	20063	13852 (r)	6288
c. Total	53066	13683	18314	26753	40113	27716 (r)	12252
INLAND PASSENGER (000)							
a. Inward	2697	7170	6864	5881	5638	5195	4891
b. Outward	2842	7340	6979	6345	5372	5606	5278
c. Total	5539	14510	13843	12226	11010	10801	10169

Source: Myanmar Port Authority.

METHODOLOGY SHEET | **Arterial Highways**

Responsible Unit (Service or Structure)	Department of Highways
Level of Disaggregation	Union, States and Regions
Study Variables	Length of Roads (Miles)
Classification Variables	Bituminous, Metalled, Surface, Earth, Mule, Concrete
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Length of Highways
Tables	15.25

TABLE 15.25 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Union Total							
Length of Roads (miles)	19021	22307	24670	24935	25212	25733	25868
1.Bituminous	9296	10943	11362	12692	14285	15695	16024
2.Metalled	3487	4296	3266	2874	2681	2325	2131
3.Surface	2971	3223	3600	3447	3085	3296	3044
4.Earth	3267	3845	5323	4893	4244	3409	3210
5.Mule	-	-	687	448	161	161	161
6.Concrete	-	-	432	581	756	847	1002
7.AC	-	-	-	-	-	-	296
Kachin State							
Length of Roads (miles)	1652	1660	2316	2353	2373	2379	2384
1.Bituminous	323	372	376	365	595	675	749
2.Metalled	481	547	421	337	324	286	250
3.Surface	609	571	630	603	506	563	519
4.Earth	239	170	420	601	771	676	655
5.Mule	-	-	457	431	161	161	161
6.Concrete	-	-	12	16	16	18	29
7.AC	-	-	-	-	-	-	21
Kayah State							
Length of Roads (miles)	581	639	597	598	593	591	576
1.Bituminous	283	295	225	293	341	395	413
2.Metalled	36	95	37	38	26	21	16
3.Surface	135	125	109	62	63	39	21
4.Earth	127	124	226	205	163	136	123
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	-	-	-
7.AC	-	-	-	-	-	-	3
Kayin State							
Length of Roads (miles)	772	829	1146	1130	1167	1221	1258
1.Bituminous	346	360	404	517	579	619	650
2.Metalled	109	146	84	54	41	28	15
3.Surface	118	154	83	109	144	261	274
4.Earth	199	169	575	450	402	312	262
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	1	1	7
7.AC	-	-	-	-	-	-	50
Chin State							
Length of Roads (miles)	1062	1100	1226	1226	1226	1224	1318
1.Bituminous	199	293	320	345	361	385	443
2.Metalled	296	290	280	328	356	280	271
3.Surface	18	14	19	-	31	179	184
4.Earth	549	503	579	536	478	379	419
5.Mule	-	-	28	17	-	-	-
6.Concrete	-	-	-	-	-	1	1
7.AC	-	-	-	-	-	-	-

TABLE 15.25 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Sagaing Region							
Length of Roads (miles)	2095	2329	2756	2786	2805	2912	2919
1.Bituminous	1032	1103	1199	1300	1384	1494	1585
2.Metalled	331	410	368	323	367	550	548
3.Surface	391	427	479	445	450	471	428
4.Earth	341	389	498	698	546	295	204
5.Mule	-	-	202	-	-	-	-
6.Concrete	-	-	10	20	58	102	154
7.AC	-	-	-	-	-	-	-
Tanintharyi Region							
Length of Roads (miles)	743	758	843	843	960	937	931
1.Bituminous	439	464	549	463	603	701	644
2.Metalled	207	240	244	201	190	59	57
3.Surface	27	4	-	129	67	69	34
4.Earth	70	50	50	50	99	64	76
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	1	44	44
7.AC	-	-	-	-	-	-	76
Bago Region							
Length of Roads (miles)	1064	1428	1363	1374	1397	1427	1444
1.Bituminous	752	973	891	912	960	1061	1115
2.Metalled	69	146	95	124	142	121	79
3.Surface	146	190	138	76	71	49	36
4.Earth	97	119	75	98	60	46	42
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	164	164	164	150	172
7.AC	-	-	-	-	-	-	-
Magway Region							
Length of Roads (miles)	1789	2066	2187	2200	2177	2193	2193
1.Bituminous	1050	1339	1395	1607	1746	1883	1956
2.Metalled	226	244	140	212	219	140	124
3.Surface	345	333	251	219	156	157	101
4.Earth	168	150	401	162	56	13	11
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	-	-	1
7.AC	-	-	-	-	-	-	-
Mandalay Region							
Length of Roads (miles)	1322	1768	1575	1636	1694	1638	1638
1.Bituminous	1122	1415	1195	1296	1367	1420	1437
2.Metalled	100	141	111	61	11	9	8
3.Surface	80	121	50	8	21	36	14
4.Earth	20	91	25	26	17	30	15
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	194	245	278	143	164
7.AC	-	-	-	-	-	-	-

TABLE 15.25 UNION OF MYANMAR ARTERIAL HIGHWAYS BY STATES AND REGIONS(concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Mon State							
Length of Roads (miles)	440	465	456	547	591	591	583
1.Bituminous	387	397	384	453	501	582	562
2.Metalled	22	24	4	2	9	-	1
3.Surface	23	33	47	41	61	8	3
4.Earth	8	11	21	51	20	1	-
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	-	-	1
7.AC	-	-	-	-	-	-	16
Rakhine State							
Length of Roads (miles)	971	1110	1133	1159	1183	1183	1225
1.Bituminous	555	569	529	616	615	658	654
2.Metalled	226	256	342	273	304	269	262
3.Surface	46	115	124	113	99	104	103
4.Earth	144	170	135	134	107	75	101
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	3	23	58	77	93
7.AC	-	-	-	-	-	-	12
Yangon Region							
Length of Roads (miles)	559	599	641	649	649	665	661
1.Bituminous	340	430	436	489	466	468	447
2.Metalled	70	65	81	54	19	-	-
3.Surface	70	52	16	8	5	3	2
4.Earth	79	52	73	38	5	19	5
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	35	60	154	175	207
7.AC	-	-	-	-	-	-	-
Shan State							
Length of Roads (miles)	4635	5884	6820	6806	6717	6669	6668
1.Bituminous	1949	2268	2644	3047	3613	3941	3967
2.Metalled	873	1286	925	768	637	511	442
3.Surface	772	867	1274	1331	1163	1035	998
4.Earth	1041	1463	1974	1619	1294	1167	1140
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	3	41	10	15	23
7.AC	-	-	-	-	-	-	98
Ayeyarwaddy Region							
Length of Roads (miles)	1336	1672	1611	1628	1680	1751	1771
1.Bituminous	519	665	815	989	1154	1218	1233
2.Metalled	441	406	134	99	36	51	55
3.Surface	191	217	380	303	248	260	274
4.Earth	185	384	271	225	226	195	155
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	11	12	16	27	54
7.AC	-	-	-	-	-	-	-
Naypyitaw							
Length of Roads (miles)	-	-	-	-	-	352	297
1.Bituminous	-	-	-	-	-	195	169
2.Metalled	-	-	-	-	-	-	2
3.Surface	-	-	-	-	-	62	52
4.Earth	-	-	-	-	-	1	1
5.Mule	-	-	-	-	-	-	-
6.Concrete	-	-	-	-	-	94	53
7.AC	-	-	-	-	-	-	20

Source: Department of Highways.

METHODOLOGY SHEET | Road Transport

Responsible Unit (Service or Structure)	Department of Road Transport Administration, Road Transport and Yangon Region Transport Authority
Level of Disaggregation	Yangon and other Areas, States and Regions
Study Variables	Registered Motor Vehicles, Public Road Transport, Yangon City Road Transport
Classification Variables	Passengers, Truck (Light/Heavy Duty), Bus, Other, (Two/Three Wheeler), Trawlergi, Heavy Machine, Public Taxi Service and Bus Service, Passenger-miles
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Type of Vehicles, Passengers
Tables	15.26, 15.27, 15.28

TABLE 15.26 REGISTERED MOTOR VEHICLES BY TYPE IN YANGON AND OTHER AREAS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Classification	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Total	979288	2308521	3699109	4237682	5077699	5541361	6337002
Yangon	168533	261330	369686	513935	679485	756865	824068
Others	810755	2047191	3329423	3723747	4398214	4784496	5512934
Passenger	193940	265642	292919	382774	429493	462199	512144
Yangon	122159	159854	196872	269829	308976	325963	331786
Others	71781	105788	96047	112945	120517	136236	180358
Truck (Light Duty)	23364	28068	30665	72528	139784	194541	261386
Yangon	13630	15828	17223	48948	99692	124245	129169
Others	9734	12240	13442	23579	40092	70296	132217
Truck (Heavy Duty)	31437	36820	43881	52069	53775	55989	61147
Yangon	9102	11263	13236	16917	17120	17675	17379
Others	22335	25557	30645	35152	36655	38314	43768
Bus	18038	20944	19812	22151	26746	25937	26801
Yangon	9882	11388	11443	13036	16816	15543	14756
Others	8156	9556	8369	9115	9930	10394	12045
Other	11307	15862	18806	25730	44460	52366	69834
Yangon	7694	11463	14792	19941	27977	30411	30757
Others	3613	4399	4014	5789	16483	21955	39077
Two Wheeler	641777	1883958	3219213	3595474	4276696	4631107	5271105
Yangon	3310	50660	113692	141600	203632	235711	289863
Others	638467	1833298	3105521	3453874	4073064	4395396	4981242
Three Wheeler	2374	13424	38549	51395	65164	74272	84405
Yangon	-	145	618	1230	2258	3875	5632
Others	2374	13279	37931	50165	62906	70397	78773
Trawlergi	57051	43678	34418	34417	40344	43570	48595
Yangon	2756	658	1548	2061	2580	2914	4093
Others	54295	43020	32870	32356	37764	40656	44502
Heavy Machine	-	125	846	1144	1237	1380	1585
Yangon	-	71	262	372	434	528	633
Others	-	54	584	772	803	852	952

Source: Department of Road Transport Administration.

TABLE 15.27 PUBLIC ROAD TRANSPORT HAULAGE STATISTICS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

States and Regions	2005-2006		2010-2011		2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles	Ton	Ton-miles
TOTAL	2349	271079	2421	315780	2442	318222	2389	307843	2039	260611	1197	203052	1078	183525
Kachin State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kayah State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kayin State	6	1526	7	1534	-	-	-	-	-	-	-	-	-	-
Chin State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sagaing Region	91	12190	97	16760	103	17133	100	15424	86	14058	84	13883	68	12554
Tanintharyi Region	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bago Region	331	46981	323	50044	336	51603	333	52044	200	29948	183	29591	134	22500
Magway Region	195	35458	208	38074	203	38092	200	37748	171	31546	134	25957	110	22265
Mandalay Region	395	60221	413	69388	425	69602	404	65804	429	71452	361	60288	383	56071
Mon State	89	13447	90	13643	90	15319	84	15352	69	12501	59	10831	59	13184
Rakhine State	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yangon Region	965	63499	981	69954	972	69632	978	70774	851	59364	177	25625	135	21906
Shan State	169	30195	193	43259	204	41937	181	35612	144	29316	110	24452	108	23716
Ayeyawady Region	108	7562	109	13124	109	14904	109	15085	89	12426	89	12425	81	11329

Source: Road Transport.

TABLE 15.28 YANGON CITY ROAD TRANSPORT
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values in thousand

Year	Public Taxi Service		Bus Service				Total	
	Passenger	Passenger-mile	Public		Private		Passenger	Passenger-mile
			Passenger	Passenger-mile	Passenger	Passenger-mile		
2005-2006	450	6355	37176	1397328	869895	4054927	907071	5452255
2010-2011	517	7114	31960	1310806	684115	3188934	716075	4499740
2012-2013	512	7219	32260	1314109	540674	2520298	572934	3834407
2013-2014	523	7289	24250	1069415	464085	2163286	488335	3232701
2014-2015	450	6868	13546	476114	422815	1970910	436361	2447024
2015-2016	-	-	13027	451505	427825	1994263	440852	2445768
2016-2017	-	-	12785	440623	726993	3388807	739778	3829430

Note: Since 1988-89 private bus service statistics includes Private buses as well as pick-ups.

Sources: 1. Road Transport.
2. Yangon Region Transport Authority.

METHODOLOGY SHEET | **Communications Statistics**

Responsible Unit (Service or Structure)	Myanma Posts and Telecommunications, Myanmar Post, Posts and Telecommunications Department, Myanmar Radio and Television
Level of Disaggregation	Union, States and Regions
Study Variables	Posts Service, Telegraph Service, Telephone Service, Type of Exchange, Telex Service, Facsimile Service, Satellite Earth Station, e-mail subscribers, Internet User, Microwave Stations and Television Relay Stations
Classification Variables	Post Offices, Post-cum-Telegraph Office, Letter Mail, Telegraph Offices, Wireless Stations Telegrams, Telephone in use, Mobile Phone in use, Auto Exchange, Manual Exchange, Transit Exchange, International Exchange, Mobile Exchange, International Gateway, Facsimile in use, Government, Public, MPT Satellite, Mobile, Digital Route
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Telecommunications Service Users
Tables	15.29, 15.30

TABLE 15.29 COMMUNICATIONS STATISTICS
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
POST SERVICE							
Post Offices	1343	1385	1380	1387	1384	1378	1381
Post-cum-Telegraph Office	159	181	176	173	167	150	-
Letter Mail (000)							
Domestic	84545	80941	11375	1558	1231	1188	1081
Foreign-Received	541	214	180	163	176	205	194
Sent	1452	118	150	447	508	444	429
TELEGRAPH SERVICE							
Telegraph Offices	158	225	262	276	285	260	-
Wireless Stations	153	120	102	94	88	81	-
Telegrams (000)							
Domestic	3184	879	478	456	148	127	111
Foreign-Received	0.5	-	-	-	-	-	-
Sent	4	-	-	-	-	-	-
TELEPHONE SERVICE							
Telephone in use	489020	1640770	4334980	8259456	28095036	49936297	55300256
Fixed phone in use	128515	412931	530473	533883	526792	521626	516831
Mobile Phone in use	128515	1119703	3804507	7725573	27568244	49414671	54783425
No. of EXCHANGE							
Auto Exchange	187	387	410	421	433	442	465
Manual Exchange	660	505	492	444	251	76	14
Transit Exchange	4	11	11	11	11	10	10
International Exchange	2	3	3	3	3	2	2
Mobile Exchange	6	13	10	13	13	13	13
Packet Switching	1	-	-	-	-	-	-
International Gateway	1	2	2	2	2	2	1

TABLE 15.29 COMMUNICATIONS STATISTICS (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

Particular	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Telex Service							
Number of Scriber	19	-	-	-	-	-	-
Number of Cell							
Incoming	286	-	-	-	-	-	-
Outgoing	2711	-	-	-	-	-	-
Facsimile Service							
Facsimile in use	4338	5677	6185	6611	6867	7078	-
Satellite Earth Station							
International	1	2	1	1	1	1	-
Domestic (SCPC)	2	-	-	-	-	-	-
Domestic (VSAT)	11	12	10	10	13	8	4
Domestic (iP Star)	-	-	2333	2434	2606	2594	2039
No. of e-mail subscribers	-	180938 *	57357 *	38614 *	38015 *	38789 *	34276 *
Government	-	19676 *	3596 *	3366 *	11770 *	13688 *	4985 *
Public	-	161262 *	53761 *	35248 *	26245 *	25101 *	29291 *
No. of internet users	67000	591320 *	1092121 *	2777218 *	17988570	39438758 *	37847723 *
Government	-	68784 *	256898 *	28354 *	36050 *	42506 *	684 *
Public	-	522536 *	835223 *	2748864 *	223374 *	273599 *	67076 *
Fiber Line	-	-	-	-	-	-	5520 *
MPT Satellite	-	-	-	-	8720	8850	7920 *
E1 Line	-	-	-	-	-	-	2180 *
B2B Internet Line	-	-	-	-	-	-	9210 *
ADSL Line	-	-	-	-	-	-	188110 *
Mobile	-	-	-	-	17720426	39113803	37567023 *
Microwave Stations	229	330	341	346	349	351	351
Digital Route	74	182	191	185	173	174	174
Analog Route	32	-	-	-	-	-	-

Note: *Includes Myanma Posts and Telecommunications as well as Myanmar Teleport.

Sources: 1. Myanma Posts and Telecommunications.
2. Myanmar Post.
3. Posts and Telecommunications Department.

TABLE 15.30 TELEVISION RELAY STATIONS BY STATES AND REGIONS
 Years 2005/2006, 2010/2011, 2012/2013-2016/2017, absolute values

States and Regions	2005-2006	2010-2011	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
Union Total	14	7	6	12	5	1	1
Kachin State	3	1	-	-	-	-	-
Kayah State	-	-	1	-	-	-	-
Kayin State	2	-	1	1	-	-	-
Chin State	-	-	-	-	-	-	-
Sagaing Region	-	-	1	2	1	-	-
Tanintharyi Region	3	-	-	-	-	-	1
Bago Region	1	-	-	-	-	-	-
Magway Region	-	-	-	3	-	-	-
Mandalay Region	1	-	1	-	-	-	-
Mon State	1	-	-	-	-	-	-
Rakhine State	-	1	-	-	-	1	-
Yangon Region	-	-	-	-	-	-	-
Shan State	3	3	2	6	2	-	-
Ayeyarwady Region	-	2	-	-	2	-	-

Source: Myanma Radio and Television.



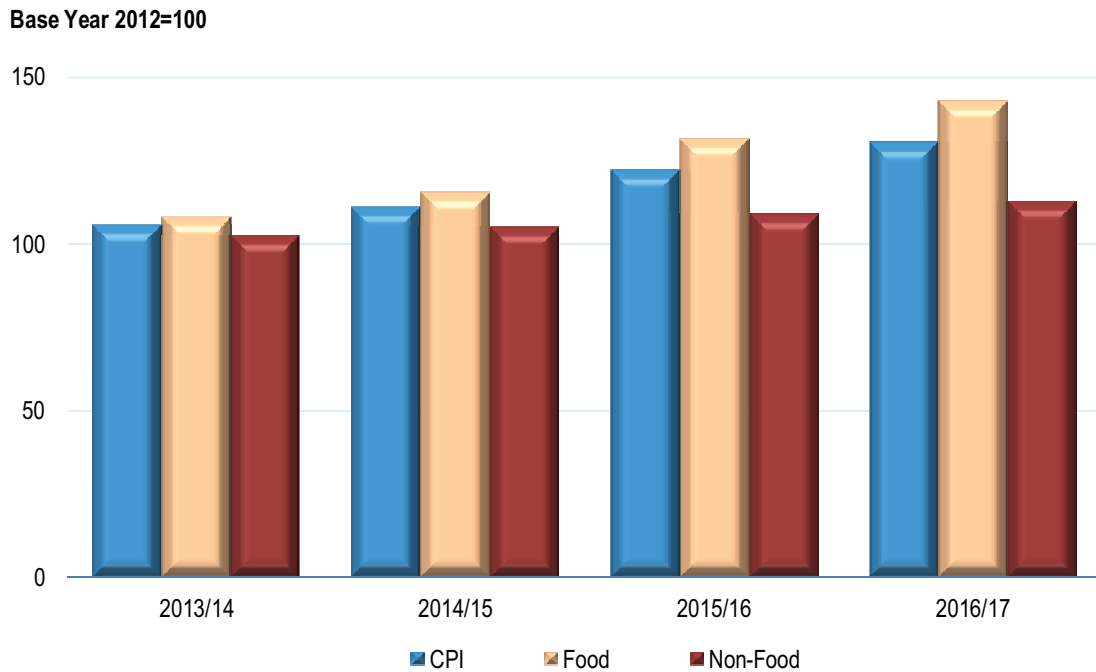
16

Prices and Internal Trade



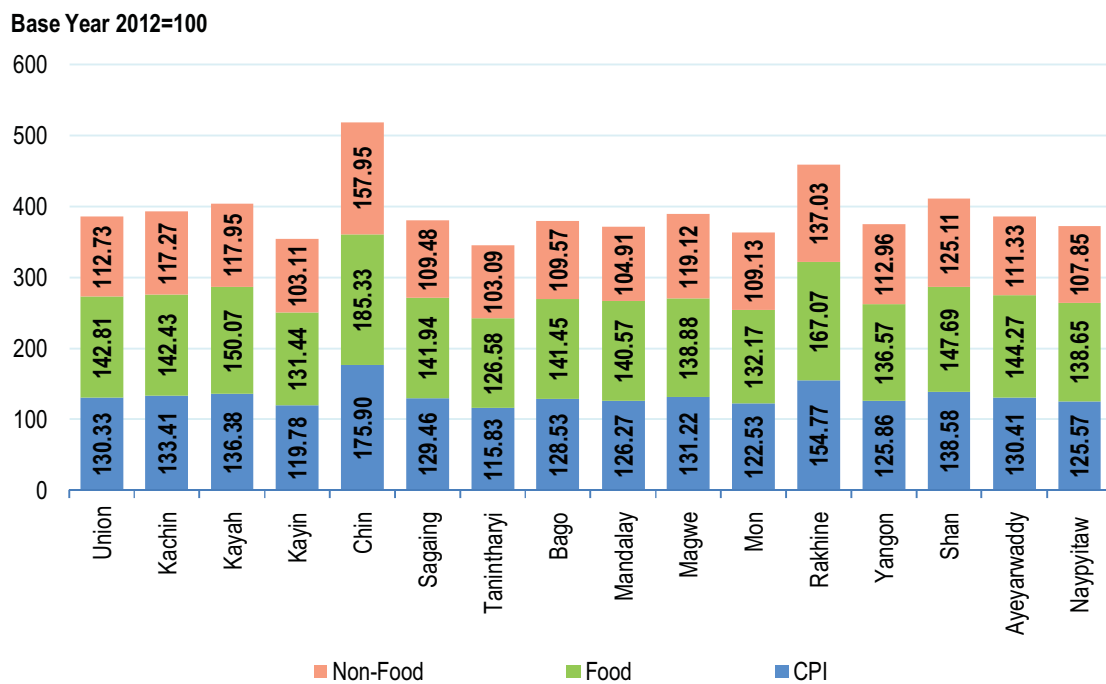
In Myanmar, according to the 2012 base, **Consumer Price Index (CPI)** decreased by **7.00%** in 2016-2017 as compared to the previous period, after **8.39%** recorded in 2015-2016. | The **annual rate** of change was equal to **8.83%** for **Food** and to **3.47%** for **Non-food**. | The **highest** average **price** of **gold** over past five years was recorded in 2016-2017, **846,506** Kyat/tikal. | It was 12.72% higher than 2015-2016.

FIGURE 16.1 CONSUMER PRICE INDEX FOR UNION BY GROUP



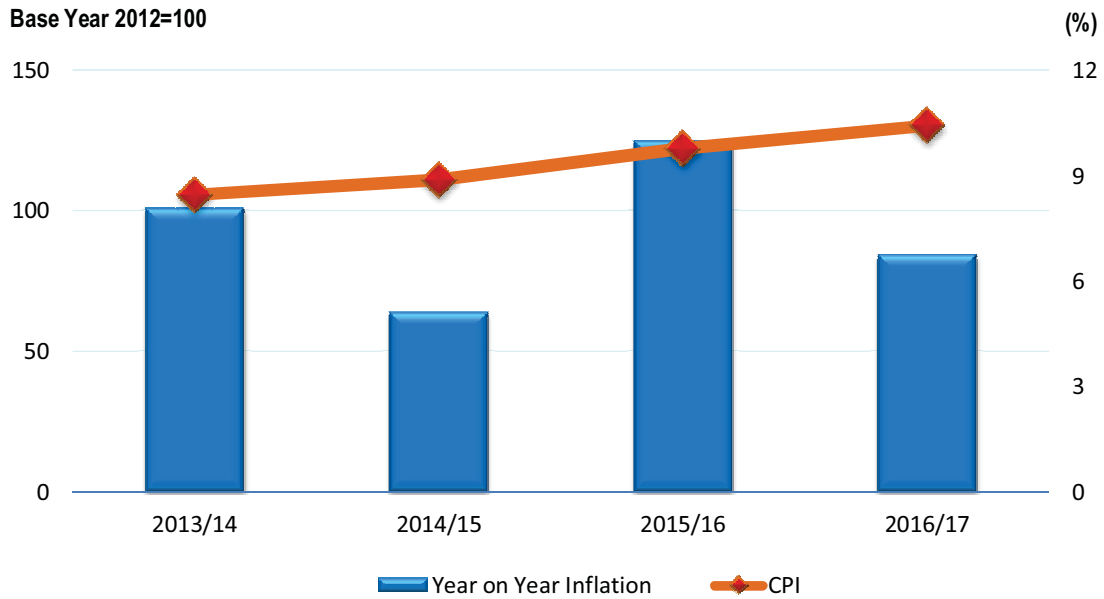
Source: Central Statistical Organization

FIGURE 16.2 CONSUMER PRICE INDEX FOR STATE & REGION BY GROUP



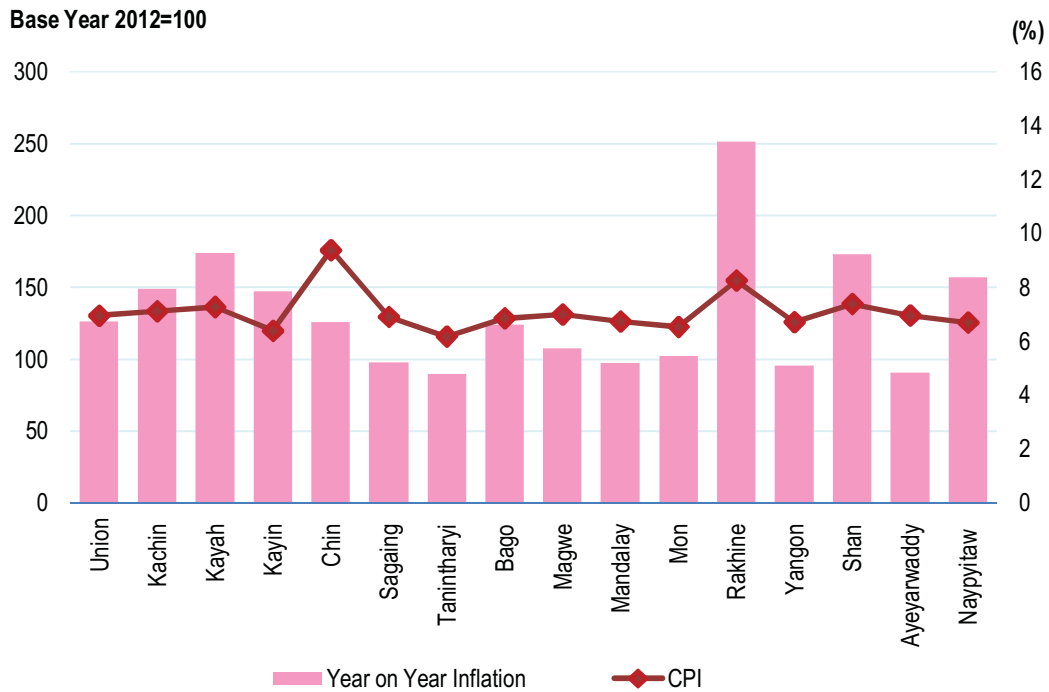
Source: Central Statistical Organization

FIGURE 16.3 CPI & YEAR ON YEAR INFLATION FOR UNION



Source: Central Statistical Organization

FIGURE 16.4 CPI & YEAR ON YEAR INFLATION FOR STATE & REGION (2016/2017)



Source: Central Statistical Organization

PRICES AND INTERNAL TRADE

METHODOLOGY SHEET | Prices

Responsible Unit (Service or Structure)	Central Statistical Organization, Department of Co-operative
Level of Disaggregation	82 Townships from 15 Regions and States and 3 Capital City (2012 Base)
Study Variables	Commodities price, Consumer Price Index, Annual rate of inflation, Statistics on cooperative societies
Classification Variables	Monthly average, Annual average
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Monthly, Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Data are collected from 82 townships for 2012 Base. Retail prices of 274 commodities are collected once a month in 2012 Base. Wholesale price data are collected from Yangon only by monthly.
Tables	16.01, 16.02, 16.03, 16.04, 16.05

TABLE 16.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON
Years 2005, 2010, 2012-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
A. FOOD & BEVERAGES									
Cereal									
Rice	Ngakywe 38%	Pyi	356.49	900.00	950.00	855.13	1148.91	1526.04	1658.59
Rice	Emata 35%	Pyi	314.85	774.68	760.44	784.88	833.50	935.26	1126.79
Rice	Ngasein 35%	Pyi	287.80	700.00	731.25	732.50	753.89	832.59	1070.02
Cereal Products									
Wheat Flour	Local	Viss	765.30	1256.05	1242.09	1305.48	1330.69	1428.57	1485.71
Noodles	Dried	Viss	750.23	1500.00	1500.00	1500.00	1500.00	1500.00	1500.00
Noodles	Wet	Viss	600.50	1000.00	1200.00	1500.00	1200.00	1500.00	1600.00
Vermicelli	Pea	Viss	2195.64	3733.33	3810.00	4000.00	3898.71	4260.90	4500.00
Vermicelli	Rice	Viss	591.59	1189.12	1164.36	1248.92	1283.16	1384.82	1458.08
Bread	Avg.size	Loaf	225.12	510.25	500.00	500.00	504.91	528.81	821.94
Biscuit		Lb	309.74	604.69	588.81	585.71	586.79	593.93	764.44
Oil & Fats									
Sesamum Oil	Pure	Viss	1773.95	3411.02	3620.03	3881.79	5058.68	5204.76	4851.34
Groundnut Oil	Pure	Viss	1864.90	3549.67	3863.23	3736.36	3649.85	4650.42	4743.19
Palm Oil	Foreign	Viss	1375.37	2126.47	1816.14	1571.00	1652.50	1575.83	1706.07
Ghee	Local	Viss	3500.82	7000.00	9000.00	12000.00	12000.00	12000.00	13000.00
Butter	Local	Lb	1500.64	2800.00	4000.00	4400.00	4400.00	4000.00	4400.00
Pulses									
Peyi	Whole,dried	Viss	808.54	2325.61	1797.07	2043.29	2312.70	2409.79	2730.42
Penilay	Whole,dried	Viss	2008.99	3653.37	2108.19	2481.29	2857.88	3636.33	4094.58
Pesingon	Split,superior	Viss	623.39	1800.00	1442.86	1390.19	1407.42	2331.42	2163.00
Gram	Split,mid.qty	Viss	935.20	1630.39	1585.32	1499.47	1453.52	1799.80	2675.01
Sadawpe	Lonethay	Viss	1074.68	2073.44	2191.16	2163.98	2403.96	2520.97	2473.02
Spices & Condiments									
Chillies	Short,dried	Viss	2643.16	5817.61	6861.12	5950.93	5887.52	8160.25	8902.44
Chillies	Long,dried	Viss	1725.46	3300.00	4223.53	4175.00	4359.26	4016.48	3500.00
Onions	Big	Viss	352.68	618.78	868.71	894.80	855.91	1364.52	944.03
Garlic	Multiple	Viss	1125.00	3300.00	3120.15	2505.48	2886.21	3872.41	4795.23
Tamarind	Seedless	Viss	750.43	2200.00	1735.00	1200.00	1165.13	1626.43	2564.58
Turmeric	Dried tubers	Viss	780.53	3500.00	4575.00	4000.00	4500.00	2867.71	3877.00
Coriander Seed	Whole	Viss	725.00	1386.54	3735.29	2800.00	3400.00	3684.90	4620.83
Salt	Common	Viss	82.70	393.97	276.19	290.08	317.76	347.02	398.29
Taste Powder	Ajinomoto	1 1/2 oz.pkt	134.48	172.63	229.31	212.04	216.70	211.43	269.06

TABLE 16.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (cont'd)
Years 2005, 2010, 2012-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
Fish & Fish Products									
Fresh Fish									
Ngayan	Medium	Viss	1709.37	4393.38	4858.46	5291.49	6427.03	7752.13	8170.14
Ngakhu	Medium	Viss	2574.14	5399.77	5248.14	5999.98	6624.87	8265.36	8415.69
Ngagyi	Medium	Viss	2709.41	5402.42	5974.86	6221.22	7776.44	9442.13	9505.28
Ngathalauk	Medium	Viss	2438.10	5035.89	6296.33	6336.12	7029.39	8901.76	11910.42
Ngagyin	Khotetha	Viss	1450.59	4317.81	3886.52	4234.07	5255.47	5528.61	6453.47
Pazundoke	Avg.qlty	Viss	5554.09	9148.26	9567.08	10995.55	14436.33	14729.91	13570.28
Pazunkyawt	Avg.qlty	Viss	2398.14	4727.25	4626.46	5568.34	7007.94	7667.75	7538.47
Dried Fish									
Ngayan	Avg.qlty	Viss	6226.40	15295.21	15483.79	15648.95	17570.72	23055.34	26106.74
Ngaboke	Avg.qlty	Viss	10002.48	21251.37	20465.48	21620.27	22067.09	24766.59	27857.14
Dried Prawns	Avg.qlty	Viss	6480.90	15296.47	16517.27	16229.72	18823.80	23054.19	25301.78
Ngapi Yegyo	Thon-u-zat	Viss	1514.69	2578.35	2995.22	2884.36	2885.38	3119.58	3416.25
Ngapi Seinza	Avg.qlty	Viss	1516.52	3349.25	3012.39	2955.32	2991.35	3260.22	3862.50
Nganpyaye,	Avg.qlty	Viss	520.07	1897.92	1600.73	1196.86	1232.76	1350.00	1239.03
Shrimp									
Poultry, Meat & Eggs									
Chicken	Dressed	Viss	3041.36	5481.48	5163.94	5846.58	6551.14	6604.29	7109.72
Duck	Dressed	Viss	2279.69	4387.98	4891.27	4864.95	5684.11	6429.17	6711.35
Mutton		Viss	4416.32	7936.64	10397.40	12989.21	14341.91	16704.62	16033.33
Beef		Viss	2095.80	4948.21	5115.07	5682.36	8543.44	9741.66	9382.64
Pork		Viss	2539.80	5992.39	6130.24	6442.82	7218.47	8126.73	8729.86
Duck Eggs	Avg.size	Doz	628.30	1143.88	1042.45	1130.91	1529.63	1637.86	1490.21
Chicken Eggs	Avg.size	Doz	644.11	1036.20	954.82	1040.97	1364.49	1334.93	1258.77
Fresh Vegetables & Fruits									
Potatoes	Big	Viss	325.40	960.54	803.26	782.50	865.71	1074.20	1017.89
Tomatoes		Viss	389.83	972.21	827.50	990.93	872.19	1386.10	1371.53
Cabbage		Viss	235.66	410.22	391.87	374.77	421.15	544.61	578.05
Banana	Phigyan	Bunch	301.16	770.27	955.75	1069.83	1189.92	1239.58	1377.92
Coconut	Avg.size	Each	174.69	382.20	431.03	397.78	426.20	504.86	525.00
Betel Leaves		Viss	1146.82	4498.79	4971.36	4372.10	5302.87	6424.66	7215.97
Beverages									
Green Tea		Viss	2911.84	5975.91	6643.30	5709.17	5573.25	5622.86	6732.44
Black Tea		lb	813.35	2222.07	2308.18	2441.63	2800.00	2800.00	2857.14
Coffee	Ground,pure	lb	1002.58	2799.66	2806.55	2813.16	2831.19	2844.05	2857.14
Horlicks		1lb Bott	2310.64	2984.21	2982.10	3015.16	3093.95	3284.04	4000.00
Ovaltine		1lb Tin	2295.88	3024.87	3104.53	3285.84	3418.59	3816.19	4034.76
Milk Powder	Lactogen	2.5lb Tin	6399.23	11251.04	10859.37	10690.46	11264.50	11745.24	12142.86
Milk	Fresh	Viss	648.80	1370.38	1185.48	1304.29	1483.23	1658.33	1669.26
Milk Condensed	Local	Viss	1397.70	2700.74	2886.91	2801.91	2866.67	2880.56	2883.33
Sugar		Viss	691.84	1562.35	1238.15	1268.92	1284.58	1334.15	1366.19

TABLE 16.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (cont'd)
Years 2005, 2010, 2012-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
Miscellaneous Food									
Jaggery	Palm	Viss	549.16	1347.59	1107.65	1159.89	1240.55	1284.55	1450.54
Jaggery	Cane	Viss	608.49	1472.27	1906.36	1921.72	1597.96	1139.40	1526.50
Betelnut	Split	Viss	2082.30	2785.84	3965.86	3784.82	3974.36	5675.94	6761.43
B. TOBACCO									
Cheroots		100 Nos.	641.08	1530.85	1482.73	1615.74	1673.25	1785.71	589.88
Cigarettes	Duya	20 Nos.	100.05	217.68	265.75	302.13	318.57	361.96	629.29
Tobacco leaves	Shweletwa	Viss	2232.78	3500.00	3500.00	3600.00	4000.00	4000.00	4200.00
C. FUEL & LIGHT									
Firewood	Avg.size	Viss	70.50	195.14	200.00	200.01	233.75	277.60	305.00
Charcoal	Superior	Viss	208.11	464.03	507.93	528.78	615.34	625.69	608.06
Candles	10 Oz.	Pkt	229.82	386.15	303.71	332.89	336.43	336.90	387.45
Bulb	40 watts	Each	150.55	274.59	232.81	262.32	266.38	284.52	292.86
Dry cells	Local	Each	109.66	327.89	331.05	309.30	281.99	294.52	300.00
D. CLOTHING & APPAREL									
Fabrics									
Longcloth	White,inferior 36"	Yd	346.23	621.93	672.85	660.70	718.51	743.47	787.92
Tetron	White,inferior 36", foreign	Yd	607.34	865.03	1181.82	877.67	883.49	918.75	989.58
Printed Sheeting	Local	Yd	806.87	1470.57	1409.02	1434.88	1450.00	1491.67	1516.67
Garments									
Cotton Longyi	Gents 2/80	Piece	1620.37	3600.00	3800.00	4000.00	3800.00	3617.18	3787.10
Cotton Longyi	Gents 2/64	Piece	1504.27	2840.58	2972.67	2993.96	3074.30	3132.50	3237.08
Vest	1/30 Cord	Each	595.55	999.20	1218.79	1243.60	1337.20	1316.67	1320.50
Other Personal Requisites									
Towel	Local24"x52"	Each	697.92	1816.14	1847.57	1900.00	1933.88	2059.03	2354.72
Leather Slippers	Gents,avg.qlty	Pair	1858.17	3786.24	3519.57	3691.67	3889.17	4064.22	5808.47
Rubber Slippers	Gents,avg.qlty	Pair	1061.17	2110.89	2029.31	2193.56	2180.96	2505.56	2516.11
Umbrella	Nyloncloth	Each	1995.46	4346.29	4500.00	4493.95	4500.00	4663.87	4583.25

TABLE 16.01 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES AT YANGON (concl'd)
Years 2005, 2010, 2012,-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
E. HOUSE REPAIRS									
House Repairs									
Dhani	Laputta	100 Nos.	2668.60	7910.42	6538.85	7131.43	7453.77	7755.82	7950.00
Bamboo	Kyathaung	100 Nos.	32214.17	124195.94	109083.86	132053.99	132000.00	132750.00	133029.76
Wire Nails	1",1.5" Size	Viss	1864.18	2249.80	1960.89	2105.42	2204.20	1994.44	2100.00
F. MISCELLANEOUS									
Toilet & Cleansing Articles									
Toilet Soap	Lux	Cake	75.80	n.a	273.75	286.23	282.57	286.79	347.72
Washing Soap	Shwewah	Bar	106.64	233.02	201.48	199.99	190.46	176.90	206.95
Carbolic Soap	Single	Cake	150.38	105.00	112.50	100.00	131.25	100.00	100.00
Detergent	Thettha	Pkt	162.27	298.85	276.28	289.33	298.03	312.62	512.76
Tooth paste	Pepsodent	Tube	206.76	347.30	350.00	357.12	359.29	363.57	411.94
Tooth Brush	Foreign	Each	195.78	500.00	600.00	600.00	600.00	700.00	750.00
Thanakha	Shwepyinan	Box	-	-	1250.00	1250.00	1250.00	1500.00	1807.50
Household Articles									
Mat	3'x6'	Each	1513.47	4127.83	5010.10	5184.27	5457.86	5891.67	9839.72
Alluminium Ware		Lb	1647.59	2208.76	2319.16	2060.94	2087.80	2223.61	2321.88
Medicine									
Penicillin	500000 unit	10 vial	1251.08	7440.55	6123.11	3425.16	3172.29	3306.67	3366.67
Tunshwewar	1oz. bottle	Bot	-	-	380.00	550.00	400.00	500.00	550.00
Burplex	100 tablets	Bot	299.17	533.57	538.14	544.92	551.43	547.86	605.80
Cevit	M.P.F	Bot	500.72	575.00	575.00	750.00	575.00	427.14	1000.00
	100 tablets								
Paracetamol	100 tablets	Bot	390.41	622.88	703.00	771.25	794.29	807.50	830.00
Gripe Mixture	4oz. bottle	Bot.	150.00	500.00	400.00	400.00	450.00	285.00	600.00
	M.P.F								
Glucose Cal.D	1lb. M.P.F	Pkt	900.43	900.00	950.00	1000.00	1000.00	750.00	1000.00
Others									
Exercise Book	80 pages	10 nos	1351.05	2502.59	2289.12	2300.00	2300.00	2300.00	2372.78
Newspaper	The New	Copy	100.00	100.00	150.00	100.00	100.00	100.00	100.00
	Light of Myanmar								
Lead Pencil	Superior	No.	30.35	50.00	70.00	70.00	100.00	70.00	80.00

Note: Specification of Toilet Soap is Hmwe from 1990 to 2011.

Source: Central Statistical Organization.

TABLE 16.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION)
Years 2010-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2010	2011	2012	2013	2014	2015	2016
A. FOOD & BEVERAGES									
Cereal									
Rice	Emata 35%	Pyi	844.78	900.42	843.55	964.63	1050.40	1172.29	1220.58
Cereal Product									
Wheat Flour		Viss	1338.75	1392.91	1326.16	1348.78	1380.74	1467.36	1516.10
Vemicelli (Rice)		Viss	1258.33	1280.04	1321.09	1434.48	1450.60	1543.19	1610.28
Biscuit		lb	652.47	664.90	677.74	698.29	710.78	736.50	724.16
Oil & Fats									
Groundnut Oil	Pure	Viss	3549.04	3973.64	4001.00	4113.74	3960.59	4857.21	5122.73
Palm Oil	Foreign	Viss	2311.62	2513.73	2179.99	2034.31	1952.09	1898.80	1990.31
Pulses									
Pegyi	Whole,dried	Viss	1884.75	1855.02	1755.86	1817.93	1870.23	1944.62	2600.06
Penilay	Whole,dried	Viss	3807.42	3219.48	2700.08	2789.51	2939.42	3720.12	4596.64
Gram	Split,mid.qlty	Viss	1627.70	1661.86	1665.80	1575.67	1457.51	1906.12	2721.69
Sadawpe	Lonethay	Viss	1651.76	1699.68	1690.98	1748.00	1768.43	1860.82	2066.38
Spices & Condiments									
Chillies	Short,dried	Viss	5270.33	6042.39	7087.48	5548.94	5523.72	7236.53	8626.86
Onions	Big	Viss	678.23	999.73	891.48	934.25	800.97	1288.09	933.04
Garlic	Multiple	Viss	3982.91	3988.78	3120.15	2761.30	2922.28	3849.67	4892.29
Salt	Common	Viss	442.84	397.96	342.15	311.97	301.06	332.15	359.24
Taste Power	Ajinomoto	1 ½ oz.pkt	201.84	206.80	210.98	192.78	187.84	195.93	194.48
Fish & Fish Products									
Fresh Fish									
Ngayan	Medium	Viss	4121.65	4185.09	4330.42	4679.85	5316.00	6234.62	6539.65
Ngakhu	Medium	Viss	5047.69	4986.51	4839.16	4953.17	5509.76	6450.73	8175.17
Ngagyi	Medium	Viss	5075.18	5117.82	4938.83	5149.21	5926.35	7196.00	8856.40
Ngathalauk	Medium	Viss	5457.33	5485.76	5742.88	6059.07	6574.45	8448.34	9389.69
Ngagyin	Medium	Viss	4557.81	4664.24	4436.71	4628.30	5335.18	5852.36	8135.88
Ngamyitchin	Medium	Viss	3601.55	3507.66	3243.58	3489.83	3825.42	4127.22	4619.48
Pazundoke	Avg.qlty	Viss	9778.19	10378.02	10472.01	11522.22	13319.71	14800.91	15909.07
Pazunkyawt	Avg.qlty	Viss	5342.86	5739.38	5946.83	6170.51	6869.43	7771.45	7599.35
Dried Fish									
Ngayan	Avg.qlty	Viss	15215.54	14984.90	15662.26	16979.87	19093.81	22506.45	25218.66
Ngakumshut	Avg.qlty	Viss	11540.61	10916.56	12158.80	13127.70	14637.32	17494.39	18426.36
Dried Prawns	Avg.qlty	Viss	14926.51	15453.48	16336.70	16462.82	18214.03	22883.03	26209.88
Ngapi Yegyo	Thon-u-zat	Viss	2887.17	2933.00	2930.35	2703.88	2675.24	2942.25	3749.92
Ngapi Seinza	Avg.qlty	Viss	2785.08	2852.00	2906.01	2680.89	2627.42	3034.43	3557.39
Nganpyaye, Shrimp	Avg.qlty	Viss	1766.74	1744.35	1697.46	1710.17	1697.31	1842.89	1835.75
Nganpyaye, (fish)	Avg.qlty	Viss	997.79	1028.54	1013.67	1037.14	1080.43	1204.40	1179.79

TABLE 16.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION) (cont'd)
Years 2010-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2010	2011	2012	2013	2014	2015	2016
Poultry, Meat & Eggs									
Chicken	Dressed	Viss	5421.08	5565.09	5428.60	5793.54	6081.53	6242.77	6431.21
Duck	Dressed	Viss	5010.34	5410.17	5139.59	5340.72	5763.68	6175.82	6335.10
Mutton		Viss	7482.88	7811.70	8289.01	9875.20	11558.10	13508.89	14026.24
Beef		Viss	5330.55	5638.95	5750.93	6230.20	7910.87	9343.96	10218.21
Pork		Viss	5403.90	5839.94	5882.88	6197.38	6876.30	8012.38	8507.15
Duck Eggs	Avg.size	Doz	1215.97	1259.43	1182.05	1243.88	1631.28	1719.89	1613.46
Chicken Eggs	Avg.size	Doz	1020.17	1075.36	993.27	1079.81	1396.54	1423.91	1276.44
Fresh Vegetables & Fruits									
Potatoes	Big	Viss	968.48	859.37	839.67	876.34	905.64	1048.13	1070.61
Tomatoes		Viss	867.72	801.75	783.56	959.98	810.98	1240.84	1117.29
Cabbage		Viss	552.48	493.55	491.75	581.59	559.08	625.86	651.95
Longbean		Viss	675.10	736.46	799.41	843.80	889.51	1077.65	1168.61
Coconut	Avg.size	Each	321.59	400.09	415.21	438.42	485.97	521.73	552.42
Banana	Phigyan	Bunch	596.11	610.78	698.92	735.72	816.11	933.00	1072.66
Betel Leaves		Viss	4679.18	4104.87	4959.89	3096.38	5038.26	6256.92	5946.47
Beverages									
Green Tea		Viss	5531.06	5441.40	5582.68	5246.18	5232.05	5843.41	6579.23
Black Tea		lb	2344.59	2366.42	1967.96	2245.47	2301.69	2809.72	2627.54
Coffee	Ground,pure	lb	2454.80	2473.25	2449.16	2533.62	2584.93	2836.00	2999.11
Milk	Fresh	Viss	1391.79	1480.70	1482.35	1478.60	1515.69	1687.10	1825.39
Sugar		Viss	1561.74	1600.89	1299.23	1216.11	1158.50	1268.07	1426.42
Hoilick		1lb(bottle)	3264.86	3229.57	3188.15	3347.10	3481.93	3809.96	4202.70
Overtine		1lb Tin	3288.27	3260.25	3214.26	3286.47	3391.89	3786.55	4196.36
Milk Powder		2.5 lb Tin	11702.93	11909.08	12060.74	11646.17	11585.80	12345.60	13018.22
Milk Condensed (Local)		Viss	2400.60	2446.27	2454.59	2509.12	2484.96	2596.96	2605.81
Milk Condensed (Foreign)		Each	715.54	795.37	745.47	766.25	760.00	834.66	827.27
Miscellaneous Food									
Jaggery	Palm	Viss	1196.15	1384.78	1239.27	1162.37	1238.87	1387.08	1634.18
Jaggery	Cane	Viss	1262.36	1530.47	1313.62	1199.25	1236.69	1289.20	1763.66
Betelnut	Split	Viss	3003.71	3695.76	4003.74	3597.61	4349.57	6266.37	7007.01
B. TOBACCO									
Cheroots		100 Nos.	1612.19	1582.96	1515.21	1432.37	1438.27	1587.56	1711.60
C. FUEL & LIGHT									
Fuel & Light									
Firewood	Avg.size	100Pieces	112.14	142.33	165.06	222.58	250.52	281.64	294.20
Charcoal	Superior	10Viss Bag	337.83	360.23	385.83	382.71	405.37	440.34	486.88
Candle	(10 oz)	Pkt	413.55	405.33	398.62	408.29	406.20	424.12	440.33
Bulb	40 W	Each	299.90	290.36	272.97	280.42	288.35	299.91	305.51
Dry Cell	Local	Each	261.95	262.93	280.76	277.46	265.73	281.94	286.33

TABLE 16.02 AVERAGE RETAIL PRICES OF SELECTED COMMODITIES (UNION) (concl'd)
Years 2010-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2010	2011	2012	2013	2014	2015	2016
D. Clothing & Apparel									
Fabrics									
Long Cloth	White, Inferior	yd	663.93	665.67	693.64	785.13	810.57	854.39	859.73
Tetron	White, Inferior	yd	1138.64	1266.91	1181.82	1170.54	1167.80	1174.15	1184.24
Printed sheeting	Local	yd	1540.97	1579.41	1609.38	1510.36	1472.71	1580.39	1629.62
Garments									
Cotton Longyi	Gents 2/64	Piece	3264.28	3373.91	3513.64	3613.77	3603.84	3803.30	3785.05
Vest	1/30 Cort	Each	1005.11	1045.72	1165.59	1290.39	1333.27	1458.05	1641.29
Other Personal Requisites									
Towel	Local 24*52	Each	1700.99	1792.73	1842.03	2108.14	2166.99	2272.33	2368.73
Lether Slippers	Gent, avg. qty	pair	4236.17	4200.70	4262.40	4157.18	4191.27	4589.70	5238.42
Rubber Slippers	Gent, avg. qty	pair	1970.93	2029.31	2030.14	2280.17	2405.75	2594.32	2651.16
Umbrella	Nylon cloth	Each	4302.06	4140.38	4063.20	4227.90	4166.62	4340.06	4711.60
E. MISCELLANEOUS									
Toilet & Cleansing Articles									
Washing Soap	Shwewah	Bar	242.96	239.78	234.20	233.47	216.29	218.60	216.67
Detergant	thettha	pkt	294.26	288.61	291.46	298.88	302.59	313.27	322.86
Toothpaste	pesodent	tube	354.00	363.32	366.51	382.19	386.75	406.84	413.02
Thanakha	Groung, wet	Viss	2228.80	2382.37	2497.60	2540.24	2584.82	2906.83	3377.62
Household Article									
Mat	3*6'	Each	4880.82	5147.86	5149.81	5324.77	5847.11	6641.34	7245.81
Aluminium ware		lb	2654.57	2632.20	2523.76	2575.92	2573.16	2638.64	2695.10
Medicine									
Paracetamol	100 tablets	100	818.59	818.36	801.09	785.02	741.42	791.95	795.23
Other									
Exercise book	80 pages	10 nos	2524.51	2528.29	2587.52	2469.83	2388.41	2418.49	2434.44
Ball pen	Reynolds	Each	165.53	171.97	169.72	192.97	212.13	204.22	167.85
Lead pencil		Each	71.78	70.14	71.76	77.15	77.59	80.04	83.30

Source: Central Statistical Organization.

TABLE 16.03 AVERAGE WHOLESALE PRICES OF SELECTED COMMODITIES AT YANGON
Years 2005,2010,2012-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
A. CEREAL									
Rice	Ngakywe 38%	50Kg.bag	7595	18000	15796	17591	21675	30467	44875
Rice	Emata 35%	50Kg.bag	6596	14900	13732	15905	14713	18672	21271
Rice	Ngasein 35%	50Kg.bag	6379	14000	12075	14648	14601	16622	18854
B. OIL & OIL SEEDS									
Oil,Sesamum		100-Viss	167448	317000	316500	412670	503090	510500	402083
Oil,Groundnut		100-Viss	183245	345000	368800	360200	333280	402500	452917
Oil,Coconut	Inedible	100-Viss	124184	290000	394000	395000	440000	400000	365833
Sesamum	Seed	100-Viss	87410	194122	159200	260600	298800	478542	377917
Groundnut	Husked	100-Viss	97968	161013	163278	176759	248389	220722	169167
Coconut,dried	Avg.size	100-Nos	14469	21000	30000	22750	25000	32125	37000
C. PULSES									
Gram	Whole,mid.qlty	100-Bkts	843450	2098957	1841719	2052858	1875465	3328962	5048100
Pesingon	Whole,mid.qlty	100-Bkts	1101600	2536640	1668847	1924667	2214836	3730264	2475182
Pegyi	Whole,mid.qlty	100-Bkts	1210460	3208330	1828626	3797577	2997230	2670312	2876824
Matpe	Whole,mid.qlty	100-Bkts	1100000	2810180	1506753	1513999	2347065	4770399	3107932
Penilay	Mid.qlty	100-Viss	188330	250000	190000	225000	250000	340417	313750
Peboke	Mid.qlty	100-Bkts	979440	1747360	1821498	2111000	2069367	1743778	1911265
Pelun	Mid.qlty	100-Bkts	1110460	2267600	1622125	2126053	1747965	2564343	2431604
Sadawpe	Lone-thay	100-Bkts	1951140	2967220	2307600	3135000	3051667	3296780	3534083
Sadawpe	Lone-gyi	100-Bkts	1916920	260000	2251300	3078700	2900000	2665000	2675000
D. SPICES & CONDIMENTS									
Chillies, dried	Long	100-Viss	176678	206982	217589	237500	258333	334706	306250
Chillies, dried	Short	100-Viss	241894	448210	594196	520000	446667	754620	508333
Onions	Big	100-Viss	33268	34263	52078	65198	38362	89063	60708
Garlic	Multiple	100-Viss	104170	258232	119434	105869	121079	240354	374792
Turmeric	Dried tubers	100-Viss	71246	301265	446700	350000	227806	229417	275618
Tamarind	Seedless	100-Viss	62478	114745	86069	97500	76513	130115	232167
Coriander Seed	Whole	100-Viss	65073	138654	359300	210000	320600	294792	442083
Salt	Common	100-Viss	7265	20000	21100	20600	21914	22013	21083

TABLE 16.03 AVERAGE WHOLESALE PRICES OF SELECTED COMMODITIES AT YANGON (concl'd)
Years 2005,2010,2012-2016, absolute values in kyat per unit

Commodity	Specification	Unit	2005	2010	2012	2013	2014	2015	2016
E. FISH & FISH PRODUCTS									
Fresh Fish									
Ngayan		100-Viss	157880	259340	428300	405000	419869	460833	485417
Ngakhu		100-Viss	215000	340830	320550	380000	387255	4741667	534167
Ngagyi		100-Viss	237018	300240	310000	377000	376254	473750	546667
Ngagyin		100-Viss	137085	295420	323200	357200	345779	395625	502083
Ngathalauk		100-Viss	233832	426670	600000	615000	620370	1103333	1150000
Pazundoke		100-Viss	500000	705000	916480	1000000	1380427	2015833	1489583
Pazunkyawt		100-Viss	203070	359170	287000	214250	273841	507500	406667
Fish Products									
Dried Fish	Ngayan	100-Viss	594162	1100579	1373824	1500000	1549193	2260417	2795833
Dried Prawns	Avg.qlty	100-Viss	615638	1105373	1105940	1300000	1438891	2145833	2066250
Ngapi Yegyo	Thon-u-zat	100-Viss	128609	145500	165340	176820	262820	258333	232273
Ngapi Seinza	Avg.qlty	100-Viss	136016	215000	236200	215450	209810	250000	270000
Nganpyaye, Fish	Avg.qlty	100-Viss	24851	50000	59590	55230	60000	60000	101146
F. POULTRY & MEAT									
Chicken	Alive	100-Viss	217398	470916	413000	464700	528262	578842	651250
Duck	Alive	100-Viss	157917	351833	350000	377500	350000	397817	364167
Pork	Halves	100-Viss	187560	302500	410000	410000	528054	662500	570000
Mutton	Halves	100-Viss	314151	400000	658750	690000	790459	835000	835000
Beef	Halves	100-Viss	179790	255830	358750	319800	479511	480000	510000
G. OTHER FOOD									
Potatoes	Avg.size	100-Viss	30344	62445	47280	66250	40786	64750	62583
Palm Jaggery	Myingyan	100-Viss	52516	96489	61848	87250	95841	128771	137987
Cane Jaggery	Bilin	100-Viss	56179	101489	110460	98000	78333	91188	123229
Green Tea	Mid.qlty	100-Viss	211917	475000	402980	487500	450000	605833	623212
Tobacco Leaves	Shweletwa	100-Viss	200858	250000	283780	340000	271860	367500	391667
Thanatphet	La	100-Viss	150062	180000	300000	285000	350000	406250	414917
Betelnut	Whole,Ye	100-Viss	188230	220000	370300	305000	380196	356510	610417
Vermicelli	Pea	100-Viss	203865	314170	336075	300000	349383	378750	686250
Vermicelli	Rice	100-Viss	55068	93250	97069	101250	123333	129833	184183

Source: Central Statistical Organization.

TABLE 16.04 CONSUMER PRICE INDEX (UNION)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	105.61	110.99	122.09	130.33
FOOD AND NON-ALCOHOLIC BEVERAGES	107.89	115.33	131.39	142.81
ALCOHOLIC BEVERAGES, TOBACCO	95.51	105.39	121.09	128.14
CLOTHING AND FOOTWEAR	101.74	104.25	111.37	115.76
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	110.50	116.63	124.87	132.44
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	101.37	103.17	109.50	113.21
HEALTH	108.46	114.35	122.98	129.56
TRANSPORT	98.78	97.86	92.41	91.54
COMMUNICATION	95.56	96.09	96.14	94.65
RECREATION AND CULTURE	99.08	99.99	102.88	105.10
EDUCATION	111.88	115.20	117.30	121.85
RESTAURANTS AND HOTELS	98.37	99.99	105.93	109.89
MISCELLANEOUS GOODS AND SERVICES	100.07	100.91	111.12	118.32
Non-Food	102.40	104.88	108.95	112.73
Annual Change in CPI(%)	8.08	5.10	9.99	6.75

TABLE 16.04 CONSUMER PRICE INDEX (KACHIN)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	112.24	115.35	123.57	133.41
FOOD AND NON-ALCOHOLIC BEVERAGES	112.98	117.64	131.40	142.43
ALCOHOLIC BEVERAGES, TOBACCO	105.31	119.99	124.59	136.60
CLOTHING AND FOOTWEAR	102.55	101.58	105.08	115.86
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	135.87	141.42	143.13	162.80
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	107.30	102.25	108.33	116.34
HEALTH	124.53	121.02	119.95	124.36
TRANSPORT	100.65	97.94	83.04	84.19
COMMUNICATION	94.66	92.69	92.40	90.96
RECREATION AND CULTURE	106.43	103.57	97.50	98.53
EDUCATION	103.90	103.90	103.90	103.90
RESTAURANTS AND HOTELS	102.91	105.50	112.69	121.20
MISCELLANEOUS GOODS AND SERVICES	105.15	104.14	109.15	114.77
Non-Food	110.93	111.27	109.59	117.27
Annual Change in CPI(%)		2.77	7.13	7.96

TABLE 16.04 CONSUMER PRICE INDEX (KAYAH)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	103.33	108.29	124.80	136.38
FOOD AND NON-ALCOHOLIC BEVERAGES	104.76	111.41	135.18	150.07
ALCOHOLIC BEVERAGES, TOBACCO	84.32	92.48	112.34	115.60
CLOTHING AND FOOTWEAR	103.88	106.75	111.35	112.33
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	107.27	112.41	122.25	143.69
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	105.41	108.35	125.15	142.79
HEALTH	99.36	105.66	124.98	126.99
TRANSPORT	99.80	97.72	85.78	80.35
COMMUNICATION	95.84	95.84	92.72	90.36
RECREATION AND CULTURE	99.44	102.62	107.22	107.97
EDUCATION	106.72	110.87	115.73	116.70
RESTAURANTS AND HOTELS	103.44	105.59	123.69	145.92
MISCELLANEOUS GOODS AND SERVICES	104.79	108.42	127.82	139.35
Non-Food	101.40	104.10	110.85	117.95
Annual Change in CPI(%)		4.81	15.25	9.27

TABLE 16.04 CONSUMER PRICE INDEX (KAYIN)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	102.53	104.78	111.04	119.78
FOOD AND NON-ALCOHOLIC BEVERAGES	103.55	107.09	118.15	131.44
ALCOHOLIC BEVERAGES, TOBACCO	105.88	115.91	119.22	118.57
CLOTHING AND FOOTWEAR	97.51	96.72	97.09	103.52
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	102.96	101.82	102.89	111.40
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	115.98	120.11	124.90	135.76
HEALTH	104.13	103.70	108.55	109.53
TRANSPORT	101.74	100.14	89.99	86.28
COMMUNICATION	94.37	94.28	94.26	93.63
RECREATION AND CULTURE	100.08	104.95	106.87	106.75
EDUCATION	112.09	115.12	115.12	115.12
RESTAURANTS AND HOTELS	92.21	92.60	93.69	94.76
MISCELLANEOUS GOODS AND SERVICES	96.04	94.45	98.62	102.84
Non-Food	101.07	101.48	100.82	103.11
Annual Change in CPI(%)		2.19	5.98	7.87

TABLE 16.04 CONSUMER PRICE INDEX (CHIN)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	123.37	132.32	164.85	175.90
FOOD AND NON-ALCOHOLIC BEVERAGES	124.87	135.45	173.96	185.33
ALCOHOLIC BEVERAGES, TOBACCO	97.14	107.21	141.10	165.82
CLOTHING AND FOOTWEAR	107.47	108.80	123.37	131.82
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	167.50	170.83	198.78	207.97
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	106.50	108.23	124.26	149.95
HEALTH	99.11	107.33	147.85	165.28
TRANSPORT	106.23	108.39	103.14	99.04
COMMUNICATION	100.00	100.00	100.00	100.00
RECREATION AND CULTURE	88.36	86.39	88.41	95.19
EDUCATION	90.22	97.39	96.66	96.66
RESTAURANTS AND HOTELS	101.97	133.49	182.42	206.12
MISCELLANEOUS GOODS AND SERVICES	102.90	105.01	121.02	130.27
Non-Food	120.50	126.36	147.45	157.95
Annual Change in CPI(%)		7.26	24.58	6.71

TABLE 16.04 CONSUMER PRICE INDEX (SAGING)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	106.22	111.69	123.06	129.46
FOOD AND NON-ALCOHOLIC BEVERAGES	109.74	116.72	133.02	141.94
ALCOHOLIC BEVERAGES, TOBACCO	93.11	107.94	126.11	114.14
CLOTHING AND FOOTWEAR	101.55	103.77	111.33	112.78
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	104.54	109.35	114.26	119.74
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	99.38	103.83	110.40	115.38
HEALTH	107.87	117.29	122.36	129.27
TRANSPORT	101.15	102.68	98.30	97.39
COMMUNICATION	100.26	100.26	100.26	100.26
RECREATION AND CULTURE	99.72	100.61	105.65	108.66
EDUCATION	107.43	110.19	117.88	129.58
RESTAURANTS AND HOTELS	92.46	93.83	97.03	97.19
MISCELLANEOUS GOODS AND SERVICES	97.65	98.34	109.62	116.48
Non-Food	100.57	103.64	107.12	109.48
Annual Change in CPI(%)		5.15	10.18	5.20

TABLE 16.04 CONSUMER PRICE INDEX (TANITHARYI)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	102.00	103.94	110.55	115.83
FOOD AND NON-ALCOHOLIC BEVERAGES	104.01	106.70	117.89	126.58
ALCOHOLIC BEVERAGES, TOBACCO	108.81	118.05	129.78	135.33
CLOTHING AND FOOTWEAR	109.70	111.64	113.22	115.33
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	104.86	103.03	103.54	104.48
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	101.41	99.79	102.40	105.66
HEALTH	88.40	90.22	91.35	90.21
TRANSPORT	95.67	94.61	87.18	85.85
COMMUNICATION	85.49	86.99	89.31	87.03
RECREATION AND CULTURE	95.31	96.23	97.56	98.43
EDUCATION	108.69	126.40	129.27	129.27
RESTAURANTS AND HOTELS	95.74	98.74	107.49	111.98
MISCELLANEOUS GOODS AND SERVICES	98.64	98.96	107.93	112.08
Non-Food	99.62	100.67	101.85	103.09
Annual Change in CPI(%)		1.90	6.37	4.77

TABLE 16.04 CONSUMER PRICE INDEX (BAGO)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	103.64	109.82	120.55	128.53
FOOD AND NON-ALCOHOLIC BEVERAGES	107.38	115.70	130.31	141.45
ALCOHOLIC BEVERAGES, TOBACCO	90.84	102.11	111.65	110.15
CLOTHING AND FOOTWEAR	94.62	96.53	106.02	115.43
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	107.03	117.16	132.64	146.74
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	101.89	103.85	108.39	89.95
HEALTH	93.30	90.13	92.18	90.86
TRANSPORT	99.24	98.07	91.82	91.59
COMMUNICATION	88.54	87.92	88.96	87.92
RECREATION AND CULTURE	91.53	91.72	93.53	96.57
EDUCATION	94.74	95.53	95.86	96.24
RESTAURANTS AND HOTELS	88.21	91.67	98.77	99.31
MISCELLANEOUS GOODS AND SERVICES	109.30	111.42	117.41	126.09
Non-Food	98.15	101.18	106.23	109.57
Annual Change in CPI(%)		5.96	9.78	6.61

TABLE 16.04 CONSUMER PRICE INDEX (MAGWAY)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	107.46	113.50	124.76	131.22
FOOD AND NON-ALCOHOLIC BEVERAGES	112.15	120.22	133.21	138.88
ALCOHOLIC BEVERAGES, TOBACCO	88.89	99.68	118.19	134.01
CLOTHING AND FOOTWEAR	107.39	110.84	124.92	130.02
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	105.55	111.77	124.17	150.83
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	100.23	100.88	105.63	109.46
HEALTH	105.26	111.89	131.96	136.57
TRANSPORT	100.15	101.67	96.74	92.66
COMMUNICATION	101.00	101.35	101.32	98.97
RECREATION AND CULTURE	90.06	88.20	101.94	122.13
EDUCATION	116.49	121.45	125.78	128.95
RESTAURANTS AND HOTELS	94.38	94.47	105.73	110.01
MISCELLANEOUS GOODS AND SERVICES	91.40	90.55	105.43	113.35
Non-Food	100.06	102.89	111.44	119.12
Annual Change in CPI(%)		5.61	9.93	5.17

TABLE 16.04 CONSUMER PRICE INDEX (MANDALAY)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	104.97	109.36	119.43	126.27
FOOD AND NON-ALCOHOLIC BEVERAGES	107.43	114.24	130.23	140.57
ALCOHOLIC BEVERAGES, TOBACCO	83.18	92.37	103.51	109.16
CLOTHING AND FOOTWEAR	98.09	98.37	101.78	108.46
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	114.88	117.40	119.07	119.76
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	97.24	97.96	103.23	107.97
HEALTH	109.45	121.92	142.14	159.28
TRANSPORT	98.36	96.46	91.15	88.96
COMMUNICATION	95.62	94.52	94.14	91.69
RECREATION AND CULTURE	98.88	99.18	99.12	99.43
EDUCATION	102.69	105.18	105.18	107.48
RESTAURANTS AND HOTELS	101.64	102.18	103.94	104.60
MISCELLANEOUS GOODS AND SERVICES	96.90	95.77	104.16	109.50
Non-Food	101.29	102.06	103.28	104.91
Annual Change in CPI(%)		4.18	9.21	5.73

TABLE 16.04 CONSUMER PRICE INDEX (MON)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	103.78	107.63	116.21	122.53
FOOD AND NON-ALCOHOLIC BEVERAGES	105.41	110.88	124.34	132.17
ALCOHOLIC BEVERAGES, TOBACCO	95.87	98.85	104.41	111.11
CLOTHING AND FOOTWEAR	107.07	110.78	116.51	113.39
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	106.53	110.77	118.76	119.84
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	105.68	105.58	112.72	118.93
HEALTH	126.07	136.82	133.62	141.60
TRANSPORT	97.30	93.82	84.90	86.22
COMMUNICATION	91.93	100.00	89.74	86.41
RECREATION AND CULTURE	108.12	110.25	114.30	115.57
EDUCATION	78.88	81.12	86.84	122.81
RESTAURANTS AND HOTELS	99.00	97.34	98.17	100.33
MISCELLANEOUS GOODS AND SERVICES	96.80	96.23	103.83	108.94
Non-Food	101.51	103.12	104.90	109.13
Annual Change in CPI(%)		3.72	7.97	5.44

TABLE 16.04 CONSUMER PRICE INDEX (RAKHINE)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	107.78	114.94	136.45	154.77
FOOD AND NON-ALCOHOLIC BEVERAGES	107.93	115.66	143.30	167.07
ALCOHOLIC BEVERAGES, TOBACCO	97.83	107.76	131.14	153.96
CLOTHING AND FOOTWEAR	106.41	112.82	127.07	131.68
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	122.35	137.58	160.14	176.06
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	93.84	92.99	98.53	106.86
HEALTH	105.36	110.68	122.57	134.38
TRANSPORT	103.96	102.55	97.67	95.94
COMMUNICATION	102.48	104.30	105.34	102.68
RECREATION AND CULTURE	105.86	107.35	110.32	110.82
EDUCATION	108.74	118.16	119.91	120.58
RESTAURANTS AND HOTELS	104.59	106.48	117.61	126.61
MISCELLANEOUS GOODS AND SERVICES	101.79	103.98	118.44	136.05
Non-Food	107.58	113.91	126.57	137.03
Annual Change in CPI(%)		6.64	18.71	13.42

TABLE 16.04 CONSUMER PRICE INDEX (YANGON)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	102.45	109.71	119.77	125.86
FOOD AND NON-ALCOHOLIC BEVERAGES	103.18	112.22	127.63	136.57
ALCOHOLIC BEVERAGES, TOBACCO	95.85	109.33	120.95	132.67
CLOTHING AND FOOTWEAR	99.02	102.34	107.67	110.98
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	117.05	134.09	137.51	137.73
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	98.48	100.34	104.54	107.37
HEALTH	87.58	94.76	97.92	99.17
TRANSPORT	96.41	95.03	94.25	97.36
COMMUNICATION	88.01	87.70	88.35	85.56
RECREATION AND CULTURE	88.80	87.84	91.06	91.03
EDUCATION	112.27	113.82	113.91	114.85
RESTAURANTS AND HOTELS	99.43	104.78	113.70	118.14
MISCELLANEOUS GOODS AND SERVICES	107.20	109.05	114.41	120.56
Non-Food	101.56	106.69	110.30	112.96
Annual Change in CPI(%)		7.09	9.17	5.09

TABLE 16.04 CONSUMER PRICE INDEX (SHAN)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	110.22	115.31	126.88	138.58
FOOD AND NON-ALCOHOLIC BEVERAGES	110.09	116.05	130.90	147.69
ALCOHOLIC BEVERAGES, TOBACCO	102.22	108.74	117.76	119.03
CLOTHING AND FOOTWEAR	101.61	106.18	118.87	124.44
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	115.29	124.12	144.72	157.09
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	104.33	102.91	109.92	116.40
HEALTH	173.61	186.61	191.59	198.71
TRANSPORT	98.47	96.18	91.67	88.53
COMMUNICATION	104.82	104.82	105.00	103.54
RECREATION AND CULTURE	99.58	100.21	102.24	103.20
EDUCATION	178.65	193.87	194.47	197.64
RESTAURANTS AND HOTELS	98.64	106.73	117.64	124.39
MISCELLANEOUS GOODS AND SERVICES	97.86	98.54	108.32	117.49
Non-Food	110.42	114.20	120.94	125.11
Annual Change in CPI(%)		4.61	10.04	9.22

TABLE 16.04 CONSUMER PRICE INDEX (AYEYARWADDY)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	106.12	111.17	124.40	130.41
FOOD AND NON-ALCOHOLIC BEVERAGES	108.26	115.65	135.47	144.27
ALCOHOLIC BEVERAGES, TOBACCO	91.62	101.74	130.99	136.81
CLOTHING AND FOOTWEAR	106.53	109.99	116.01	118.86
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	104.53	106.44	110.38	114.59
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	103.73	108.41	115.92	120.69
HEALTH	103.24	106.44	110.86	110.05
TRANSPORT	102.86	102.12	92.29	90.01
COMMUNICATION	95.98	97.51	99.03	97.12
RECREATION AND CULTURE	101.32	104.91	111.34	111.23
EDUCATION	113.87	114.94	119.73	121.06
RESTAURANTS AND HOTELS	100.57	98.55	103.70	105.33
MISCELLANEOUS GOODS AND SERVICES	104.59	107.28	122.16	127.52
Non-Food	103.19	105.01	109.17	111.33
Annual Change in CPI(%)		4.76	11.90	4.83

TABLE 16.04 CONSUMER PRICE INDEX (NAYPYITAW)
Years 2013/2014-2016/2017, Base Year 2012=100

Year	2013-2014	2014-2015	2015-2016	2016-2017
ALL-ITEM	105.36	107.38	115.86	125.57
FOOD AND NON-ALCOHOLIC BEVERAGES	107.20	110.91	124.82	138.65
ALCOHOLIC BEVERAGES, TOBACCO	93.99	99.08	105.22	116.16
CLOTHING AND FOOTWEAR	101.30	100.57	101.83	105.35
HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	114.22	113.79	117.16	130.55
FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE	97.33	99.23	104.11	106.54
HEALTH	102.46	104.98	112.97	121.66
TRANSPORT	100.46	97.93	90.83	89.50
COMMUNICATION	97.34	100.99	105.63	110.51
RECREATION AND CULTURE	102.58	104.31	105.41	104.37
EDUCATION	106.63	106.63	106.63	100.89
RESTAURANTS AND HOTELS	99.22	98.46	99.65	102.35
MISCELLANEOUS GOODS AND SERVICES	100.38	100.15	110.31	115.58
Non-Food	102.86	102.60	103.72	107.85
Annual Change in CPI(%)		1.92	7.89	8.38

Source: Central Statistical Organization.

TABLE 16.05 SPOT PRICES OF GOLD AT YANGON
Years 2005/2006, 2010/2011, 2012/2013-2016/2017 absolute values kyat per tical

Years	Highest		Lowest		Average for the peroid	
	24 carat	22 carat	24 carat	22 carat	24 carat	22 carat
2005-2006	301708	273348	274588	250389	286660	259776
2010-2011	659142	597348	633417	575889	647047	586387
2012-2013	758142	694126	728340	666457	747650	677558
2013-2014	701542	640818	668189	610119	689032	624436
2014-2015	677833	617969	651735	593973	666358	604154
2015-2016	769425	702033	729693	665581	750961	680559
2016-2017	862667	781800	829550	751780	846506	767150

Source: Central Statistical Organization.

METHODOLOGY SHEET | Internal Trade

Responsible Unit (Service or Structure)	Co-operative Societies, Department of Co-operative
Level of Disaggregation	Regions and State
Study Variables	Number of Societies, Number of Members Paid-Up Share Capital, Bank Loan, Reserve Fund, Other Fund, Liabilities, Net Profit and Working Capital from Co-operative Societies
Classification Variables	Yearly
Type of Dissemination	Statistics on Co-operative societies
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly from every regions and states Co-operative department
Units	Data are collected yearly from Co-operative department and Co-operative Societies
Tables	16.06

TABLE 16.06 STATISTICS ON COOPERATIVE SOCIETIES
Years 2010/2011-2016/2017, absolute values in Kyat Millions

Type of Society	Year	Number of Societies	Number of Members	Kyat Million							
				Paid-Up Share Capital	Bank Loan	Reserve Fund	Other Fund	Liabilities	Net Profit	Working Capital	
TOTAL	2010-2011	(r)	11259	1513754	20162.62	1474.86	2111.03	214.68	28826.00	3231.95	95326.37
	2011-2012		11222	2046894	23162.03	6794.71	6199.55	2761.06	40172.75	3153.77	109215.61
	2012-2013		16620	2243381	31120.53	8146.54	11716.51	3728.00	56321.33	3445.40	131973.55
	2013-2014		24476	2691561	443286.59	850940.36	83495.19	39468.67	4427522.21	87279.98	1959896.45
	2014-2015		31758	3257104	96674.20	175358.06	11994.30	4979.99	175441.34	16672.50	472139.86
	2015-2016		27523	2917839	2950835.11	333374.09	19851.14	6520.34	229793.16	237517.41	1133968.49
	2016-2017		40331	4358207	28641.00	412591.00	8293.00	4991.00	172203.00	6375.00	466025.00
NEW PRIMARY CO-OPERATIVES											
Bazaar	2010-2011	(r)	205	35921	935.77	-	19.62	0.30	2282.57	50.01	6711.60
Co-operatives	2011-2012		295	88552	888.23	34.30	147.00	53.52	3358.56	148.82	7579.02
Limited	2012-2013		343	54117	791.32	11.00	85.81	64.98	4762.78	130.33	8263.22
	2013-2014		361	49136	10593.83	20.17	10285.50	121.27	51102.55	-	59026.47
	2014-2015		366	48978	886.03	24.42	734.38	811.30	5306.84	226.12	10521.35
	2015-2016		410	63973	456.32	185.95	345.37	13.72	1649.23	142.09	2900.86
	2016-2017		369	48332	910.00	62.00	99.00	61.00	6820.00	96.00	7349.00
Agricultural	2010-2011	(r)	1824	123166	826.47	570.94	75.25	1.60	1118.61	62.92	4812.14
Producers	2011-2012		1763	118609	1194.86	1116.45	120.99	162.34	2859.84	68.85	5892.70
Co-operatives	2012-2013		4960	327074	2369.38	580.09	117.81	187.45	4101.74	98.74	8408.29
Limited	2013-2014		5781	432323	225813.93	4667.38	4020.50	8218.86	2937607.51	5152.94	376853.45
	2014-2015		9204	627513	49315.80	24181.00	522.17	131.70	24400.44	894.33	81673.42
	2015-2016		12132	923169	2444.90	21510.36	144.97	202.46	8708.46	374.05	28857.95
	2016-2017		12905	1038187	4575.00	84965.00	1463.00	394.00	12067.00	1689.00	82631.00
Co-operatives	2010-2011	(r)	47	5231	117.06	-	10.76	0.06	183.53	4.33	386.16
Stores	2011-2012		43	5106	114.54	-	10.84	14.54	64.44	3.69	177.20
Limited	2012-2013		41	3770	124.43	-	8.65	15.38	238.92	14.73	429.25
	2013-2014		40	5514	91.37	-	30.91	1.81	177.25	23.07	478.67
	2014-2015		39	5521	128.86	1.00	21.19	5.15	198.29	27.77	383.39
	2015-2016		35	4850.2	126.27	10.10	142.69	0.03	265.73	113.21	653.20
	2016-2017		26	732	14.00	1.00	1.00	19.00	37.00	17.00	91.00
Industrial	2010-2011	(r)	481	18283	4304.74	82.82	390.35	37.68	4069.77	1627.11	10363.74
Producers	2011-2012		499	21129	4390.42	86.51	487.29	171.33	4414.57	1384.08	13842.24
Co-operatives	2012-2013		606	23337	4898.05	5.81	1068.96	219.55	4545.13	390.94	11188.83
Limited	2013-2014		540	19914	7507.85	65.43	1624.31	163.89	33599.59	699.06	52662.20
	2014-2015		615	24361	6779.52	130.55	2213.65	98.73	5127.45	5895.10	26033.17
	2015-2016		650	26069	584.32	315.47	143.33	188.03	389.86	1129.33	1962.88
	2016-2017		687	30941	1492.00	278.00	132.00	11.00	1664.00	99.00	2457.00

TABLE 16.06 STATISTICS ON CO-OPERATIVE SOCIETIES (cont'd),
Years 2010/2011-2016/2017, absolute values in Kyat Millions

Type of Society	Year	Number of Societies	Number of Members	Kyat Million						
				Paid-Up Share Capital	Bank Loan	Reserve Fund	Other Fund	Liabilities	Net Profits	Working Capital
Agricultural	2010-2011 (r)	30	1273	564.62	-	5.55	1.50	338.49	4.83	1940.55
Products	2011-2012	32	1234	529.84	6.58	2519.99	8.77	622.73	4.19	1506.54
Wholesale	2012-2013	29	1003	626.37	5.56	2628.08	10.19	392.71	15.81	1891.49
Co-operative	2013-2014	33	1329	21681.61	3.80	18.05	1.90	10169.15	-	54047.47
Limited	2014-2015	28	892	115.68	-	11.41	6.85	1334.60	6.27	1569.20
	2015-2016	24	906	4.19	0.10	0.15	0.08	53.03	1.24	58.67
	2016-2017	22	1030	37.00	0.00	3.00	0.00	573.00	2.00	107.00
Government	2010-2011 (r)	198	600008	1241.98	-	182.72	12.66	732.00	94.76	3921.94
Employees	2011-2012	400	675417	979.56	1.00	278.21	189.24	1923.37	13785.00	4641.97
Co-operatives	2012-2013	401	476972	1494.08	9.13	303.32	222.17	2987.87	161.83	5357.64
Limited	2013-2014	403	581675	29757.18	66.90	7508.13	1275.85	29545.22	7100.27	114805.25
	2014-2015	407	577563	2703.50	31.64	537.57	220.49	4096.00	478.47	14854.00
	2015-2016	407	577563	2703.50	31.64	537.57	220.49	4096.00	478.47	14854.00
	2016-2017	406	550077	1785.00	44.00	335.00	137.00	2950.00	232.00	5729.00
Crop	2010-2011 (r)	7	135	7.55	-	0.92	-	5.24	0.09	12.05
Purchasing	2011-2012	4	140	7.66	-	3.39	-	5.44	0.02	13.74
Milling &	2012-2013	6	173	8.30	-	3.12	-	7.64	0.31	8.90
Marketing	2013-2014	6	167	18.87	-	3.20	-	9.28	0.52	11.34
Co-operatives	2014-2015	6	177	19.62	-	0.73	-	8.87	0.53	24.73
Limited	2015-2016	9	226	0.20				0.17		0.31
	2016-2017	7	254	3.00	83.00	3.00	1.00	1.00	1.00	75.00
Trading	2010-2011 (r)	10	1475	1.98	-	0.01	-	2.18	0.19	6.12
Co-operatives	2011-2012	17	991	2.28	-	0.31	-	76.60	0.20	140.61
Limited	2012-2013	11	558	1.79	-	0.30	-	4.03	0.29	8.29
	2013-2014	80	6218	221.93	-	69.94	316.13	919.67	111.13	835.22
	2014-2015	8	2029	7.61	-	0.20	-	67.25	2.15	92.78
	2015-2016	8	2145	0.08	-	5.02	-	0.50	0.04	0.29
	2016-2017	8	2074	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Agricultural	2010-2011 (r)	4086	28883	1274.61	-	175.10	3.21	2063.99	84.36	5119.40
and General	2011-2012	3989	415589	1342.64	12.52	160.86	391.53	2858.75	104.55	5551.05
merchandise	2012-2013	4470	556438	1994.27	49.82	242.39	382.13	4244.71	149.24	9657.72
Co-operatives	2013-2014	5161	488721	10957.97	32268.27	7815.97	3200.62	32283.90	3704.93	47041.54
Limited	2014-2015	6050	678091	3752.16	18022.00	650.68	494.90	14139.85	809.86	30642.34
	2015-2016	5743	738631	1962.58	34400.94	585.03	294.72	11804.83	631.04	26417.91
	2016-2017	5736	762460	1865.00	36691.00	507.00	201.00	10793.00	636.00	26266.00
Marketing	2010-2011 (r)	1723	360687	1313.70	10.00	208.30	7.00	2028.81	109.99	4976.41
Co-operatives	2011-2012	1742	342595	2796.60	13.00	417.36	173.59	2385.91	229.57	7075.01
Limited	2012-2013	1731	332613	3762.42	6.70	509.38	435.05	3616.04	360.63	8047.14
	2013-2014	1717	277632	14715.35	91.12	3147.68	2115.94	17452.78	3883.84	36233.70
	2014-2015	1732	215195	5151.21	125.80	869.98	234.78	4387.22	695.75	16292.69
	2015-2016	1660	216283	2459.37	575.07	1090.45	403.37	15888.15	662.22	7816.82
	2016-2017	1782	241529	1178.00	455.00	267.00	334.00	2667.00	279.00	6020.00

TABLE 16.06 STATISTICS ON CO-OPERATIVE SOCIETIES (cont'd)
Years 2010/2011-2016/2017, absolute values in Kyat Millions

Type of Society	Year	Number of Societies	Number of Members	Kyat Million							
				Paid-Up Share Capital	Bank Loan	Reserve Fund	Other Fund	Liabilities	Net Profit	Working Capital	
Service	2010-2011	(r)	111	3738	352.72	63.94	26.70	0.01	294.64	26.49	1364.38
Co-operatives	2011-2012		141	5180	602.45	-	53.62	15.92	302.28	37.24	1553.50
Limited	2012-2013		188	8407	1267.72	6.61	57.36	12.69	981.97	61.35	3011.45
	2013-2014		134	9443	32936.70	77.49	536.20	16.10	87155.77	38887.89	155862.51
	2014-2015		119	5752	1156.86	8.88	36.25	19.18	721.31	55.26	2043.19
	2015-2016		121	5605	988.28	41.09	76.32	159.78	193.10	13.99	1301.42
	2016-2017		113	5546	371.00	39.00	41.00	5.00	194.00	22.00	596.00
Saving	2010-2011	(r)	1270	285394	1294.93	0.50	91.44	22.96	2681.00	132.39	23063.83
and Credit	2011-2012		1317	309657	2207.92	22.15	343.39	252.65	8565.78	293.16	23512.55
Co-operatives	2012-2013		1944	362928	2751.98	11.14	572.57	934.91	11144.65	494.28	30471.90
Limited	2013-2014		2830	400179	18704.65	686.79	28932.05	13786.41	77673.35	4878.26	156224.62
	2014-2015		3121	431083	3561.75	154.30	692.93	179.38	41430.68	1395.97	72895.08
	2015-2016		2851	424824	3992.87	497.42	847.03	270.01	25369.32	1232.28	77234.00
	2016-2017		3066	452903	7038.00	565.00	788.00	506.00	17148.00	1046.00	47824.00
Transport	2010-2011	(r)	25	781	78.02	-	1.94	-	108.13	5.34	242.64
Co-operatives	2011-2012		28	795	96.28	-	7.30	26.29	161.36	10.16	207.10
Limited	2012-2013		26	720	52.09	-	9.58	20.98	92.79	9.13	200.79
	2013-2014		116	1653	240.86	-	197.09	12.29	759.80	44.30	1193.53
	2014-2015		127	2014	172.32	-	26.41	13.25	126.89	40.66	278.65
	2015-2016		139	2369	64.44	1.02	5.39	0.23	704.02	56.19	971.11
	2016-2017		148	59540	47.00	0.00	1.00	18.00	61.00	7.00	110.00
General	2010-2011	(r)	406	11935	5017.27	75.00	62.16	26.53	3884.24	647.96	10661.04
Merchandise	2011-2012		399	16654	5154.86	90.50	323.01	65.73	4634.60	410.04	9798.22
Co-operatives	2012-2013		352	16070	2553.83	76.22	554.90	53.72	2603.45	339.35	7940.73
Limited	2013-2014		496	19258	3564.13	103.55	791.32	571.09	6266.25	1533.93	15548.73
	2014-2015		458	24979	9810.99	80.74	526.49	260.75	4528.60	1659.75	18406.47
	2015-2016		480	23315	13076.00	502.83	6120.05	187.14	30017.50	1139.25	49079.50
	2016-2017		516	21409	4094.00	99.00	914.00	68.00	3519.00	233.00	9711.00
Miscellaneous	2010-2011	(r)	155	20314	843.36	0.63	15.01	11.13	1606.62	26.98	3197.52
Co-operatives	2011-2012		77	15193	570.90	-	18.66	10.16	571.62	35.02	2826.17
Limited	2012-2013		1032	56130	4537.74	53.80	97.35	11.10	2746.67	649.94	4406.12
	2013-2014		6300	357376	45659.32	253289.07	392.48	3946.01	298571.66	6831.19	217601.66
	2014-2015		8730	555134	10322.67	17053.23	691.72	278.04	9174.00	3545.37	34442.94
	2015-2016		2638	391175	231.49	189.94	775.45	5.39	257.60	54.90	754.68
	2016-2017		13964	1106432	3468.00	23141.00	424.00	212.00	9671.00	830.00	44052.00
Total	2010-2011	(r)	10778	1497224	18174.78	803.83	1265.83	128.17	21399.82	2877.75	76779.52
	2011-2012		10746	2016841	20879.04	1383.01	4892.22	1535.61	32805.85	2867.44	84317.62
	2012-2013		16140	2220310	27223.77	815.88	6259.58	2570.70	42471.08	2876.90	99291.76
	2013-2014		23998	2650538	422465.58	291339.96	65373.33	33748.15	3563293.69	79249.44	1268426.36
	2014-2015		31010	3199282	93884.59	59813.79	7535.75	2754.52	115048.26	15733.36	310153.71
	2015-2016		26911	2874429	26547.65	58235.31	10354.26	1746.00	95893.54	5617.51	198978.42
	2016-2017		39755	4321446	26877.00	146424.00	4978.00	1967.00	68165.00	5189.00	233018.00

TABLE 16.06 STATISTICS ON COOPERATIVE SOCIETIES (concl'd),
Years 2010/2011-2016/2017, absolute values in Kyat Millions

Type of Society	Year	Number of Societies	Number of Members	Kyat Million							
				Paid-Up Share Capital	Bank Loan	Reserve Fund	Other Fund	Liabilities	Net Profit	Working Capital	
TOWNSHIP AND GROUP											
CO-OPERATIVES											
Township	2010-2011	(r)	284	9819	573.03	58.62	563.41	85.71	3482.94	120.40	8355.53
Co-operatives	2011-2012		200	11702	306.10	2.00	326.69	354.98	2156.11	114.67	4005.90
Syndicates	2012-2013		235	8582	2335.12	213.19	1958.32	524.22	6909.21	266.34	12314.62
	2013-2014		275	12069	12820.06	537078.68	14689.23	4983.11	855681.48	7638.09	853289.89
	2014-2015		727	53531	1576.43	51489.00	2658.80	942.39	33165.71	650.90	71839.82
	2015-2016		293	23249	3101.30	117328.76	4372.31	1023.54	44647.18	973.27	58198.54
	2016-2017		389	31504	569.00	144944.00	2345.00	678.00	30008.00	971.00	112402.00
Co-operatives	2010-2011	(r)	176	5637	404.35	278.72	21.91	0.45	331.36	63.93	1868.31
Syndicates	2011-2012		255	16010	951.08	484.55	451.77	151.07	2858.85	86.88	7912.38
Limited	2012-2013		224	11529	482.63	24.42	215.93	34.15	1382.74	49.97	2001.32
	2013-2014		182	25721	483.21	0.86	122.67	39.58	975.81	64.53	2314.20
	2014-2015		180	4249	1367.89	285.00	370.92	9.34	4126.03	997.70	7624.60
	2015-2016		306	19868	3224.23	137569.39	4748.44	2387.17	66949.81	1053.37	348736.33
	2016-2017		155	4481	64.00	62.00	535.00	0.00	35152.00	30.00	3772.00
Unions of	2010-2011	(r)	20	632	429.51	317.72	252.59	0.35	1142.45	70.42	5051.55
Co-operatives	2011-2012		20	1901	334.82	1010.82	441.46	719.40	2281.70	67.00	6781.55
Syndicates	2012-2013		20	2522	403.82	3709.33	2058.45	375.11	2599.73	147.11	12763.72
Limited	2013-2014		20	2794	6865.00	22520.85	3228.48	697.83	7234.54	315.25	9193.07
	2014-2015		15	3650	141.45	59842.19	1448.31	431.66	26025.93	277.09	83782.36
	2015-2016		13	293	122.92	20240.63	376.13	1363.63	22302.63	80.11	290537.79
	2016-2017		22	309	122.00	121161.00	435.00	2346.00	38878.00	185.00	116833.00
Central	2010-2011	(r)	1	442	580.95	15.97	79.29	-	2469.43	99.45	3271.46
Co-operatives	2011-2012		1	440	690.99	3914.33	87.41	-	70.24	17.78	6198.16
	2012-2013		1	438	675.19	3383.72	1224.23	223.82	2958.57	105.08	5612.13
	2013-2014		1	439	752.75	-	81.49	-	336.68	12.66	6673.14
	2014-2015		1	439	882.86	3592.92	322.73	777.85	261.48	1.84	5856.22
	2015-2016		1	439	882.86	3592.92	322.73	777.85	261.48	1.84	5856.22
	2016-2017		1	467	1009.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	2010-2011	(r)	481	16530	1987.84	671.03	845.20	86.51	7426.18	354.20	18546.85
	2011-2012		476	30053	2282.99	5411.70	1307.33	1225.45	7366.90	286.33	24897.99
	2012-2013		480	23071	3896.76	7330.66	5458.93	1157.30	13850.25	668.50	32681.79
	2013-2014		478	41023	20821.03	559600.39	18121.86	5720.52	864228.52	8030.54	671470.09
	2014-2015		748	57822	2789.61	115544.27	4458.55	2225.47	60393.08	939.14	161986.15
	2015-2016		612	43410	6448.46	275138.78	9496.88	4774.34	533899.62	2106.74	697472.66
	2016-2017		576	36761	1764.00	266167.00	3315.00	3024.00	104038.00	1186.00	233007.00

Source: Co-operative Department.



17

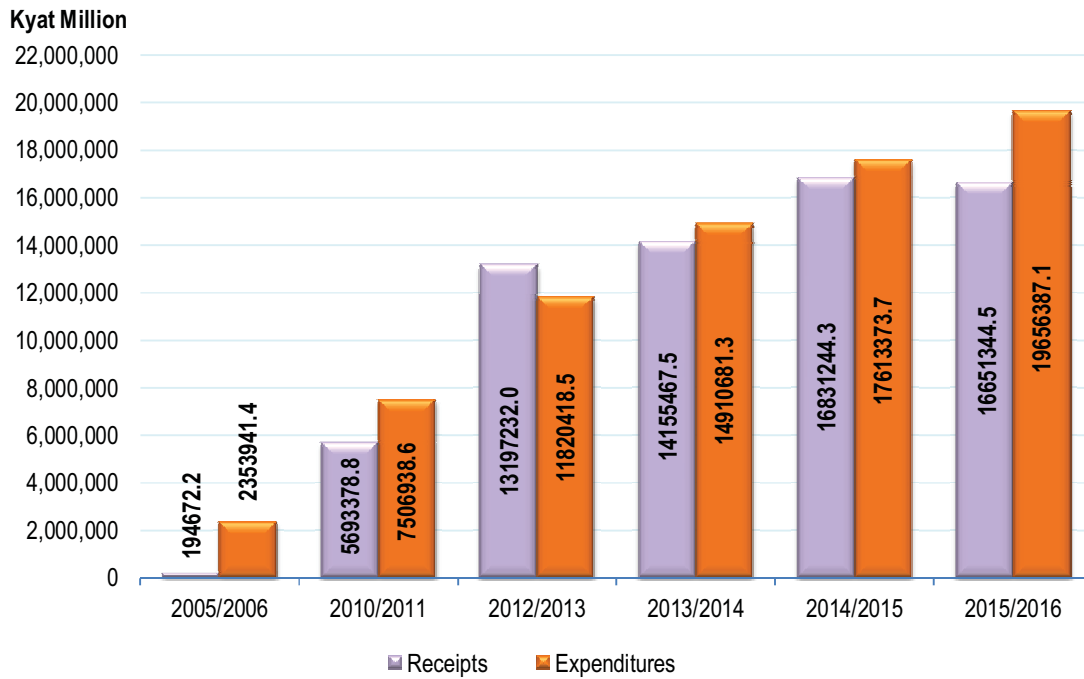
Public Finance, Banking and Financial Markets



In 2015-2016 the total **receipts** of state budget were equal to **16,651,344.5** kyat millions, the total **expenditures** to **19,656,387.1** Kyat millions. | The budget **deficit** was **3,005,042.6** Kyat millions. | In 2016 Mynamar total **money supply** was **14,496,433** Kyat millions. | Total **people savings** reached **25,106,524** Kyat millions. Most people choose **savings deposits** than other deposits as time deposit, fixed deposit, etc.

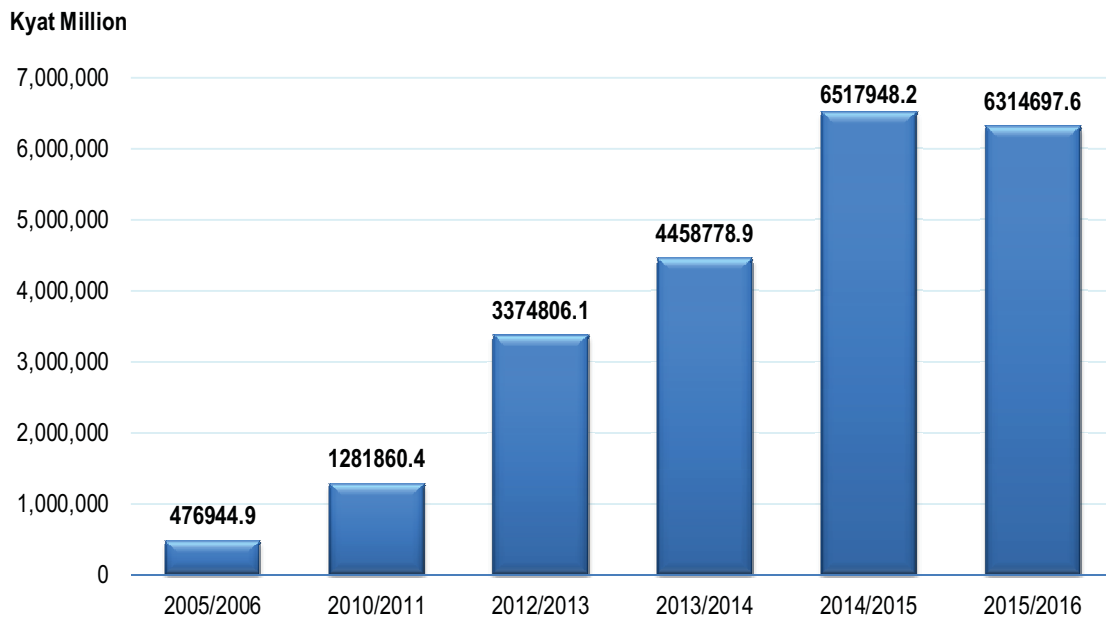


FIGURE 17.1 SUMMARY OF THE STATE BUDGET



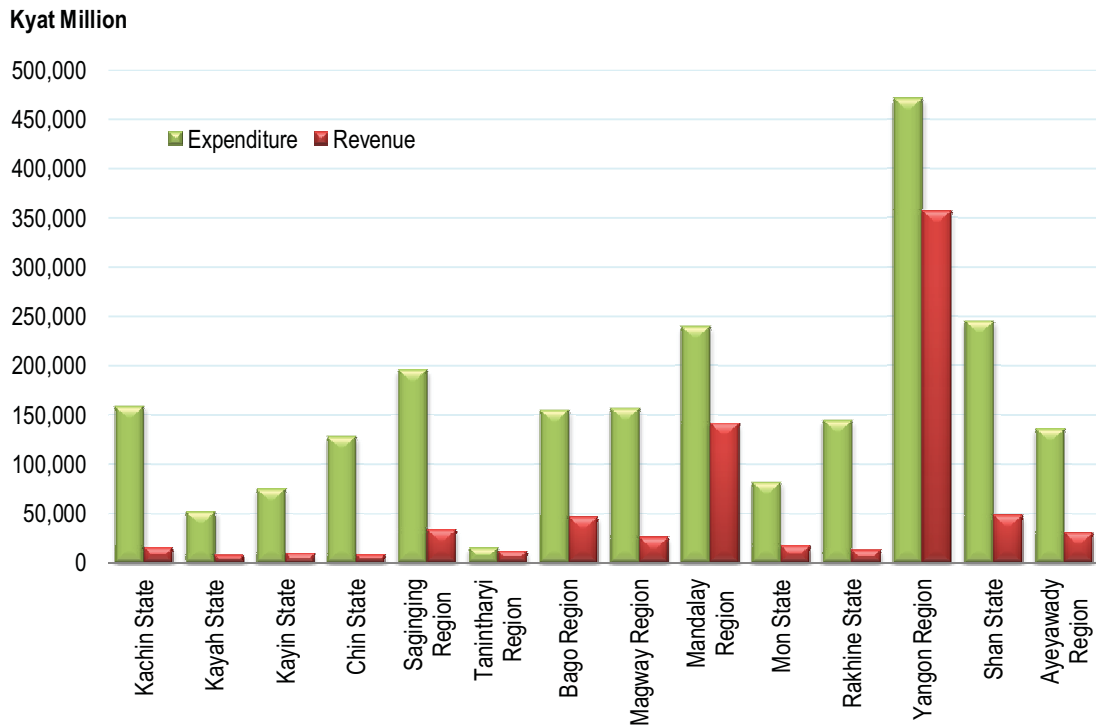
Source: Budget Department

FIGURE 17.2 RECEIPTS TAXES



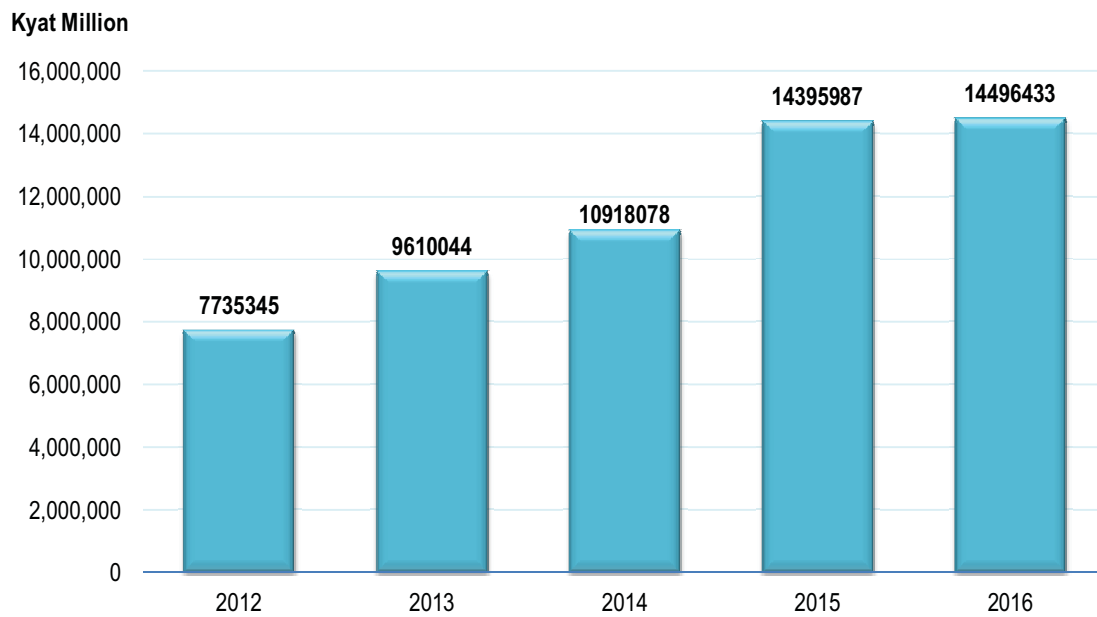
Source: Budget Department

FIGURE 17.3 REVENUE AND EXPENDITURE (2015/2016)



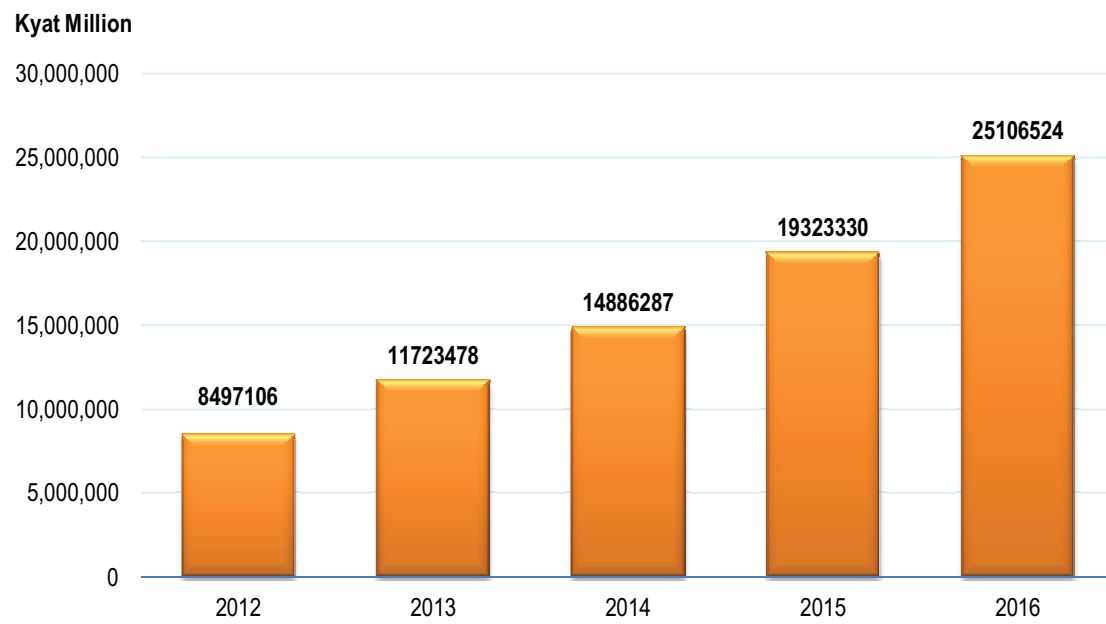
Source: Budget Department

FIGURE 17.4 MONEY SUPPLY



Source: Central Bank of Myanmar

FIGURE 17.5 PEOPLE'S SAVINGS



Source: Central Bank of Myanmar

BANKING AND FINANCIAL MARKETS

METHODOLOGY SHEET | **Public Finance**

Responsible Unit (Service or Structure)	Budget Department
Level of Disaggregation	Union, States and Regions
Study Variables	Receipts and Expenditures (Union/States and Regions)
Classification Variables	State Administrative Organizations, State Economic Enterprises, State Economic Enterprises (Undertaken Outside the Union Fund), Development Committees, Nay Pyi Taw Council, Union Ministry and Development (Undertaken Outside the Union Fund), Revenue
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Public Finance
Tables	17.01, 17.02, 17.03, 17.04, 17.05, 17.06, 17.07, 17.08

TABLE 17.01 SUMMARY OF THE STATE BUDGET
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Particulars	2005-2006	2010-2011	2012-2013
STATE ADMINISTRATIVE ORGANIZATIONS			
MINISTRIES & DEPARTMENTS			
RECEIPTS			
Internal Receipts	825390.0	5689894.4	4963866.0
1.Current Account	817746.5	5306924.5	4554307.3
a.Taxes	476944.9	1281860.4	3374806.1
b.Ministries and Departments	59522.6	3241647.8	405735.2
c.Earnings from State Economic Enterprises	281279.0	783416.3	773766.0
2.Capital Account (Ministries & Departments)	6539.9	353436.4	
3.Financial Accounts	1103.6	29533.5	398933.6
a.Public Debt	66.9	299.3	10625.1
b.Investment	1036.7	29234.2	-
Foreign Receipts	327.1	3125.2	10625.1
1.Foreign Loans	10.8	2769.7	80276.3
a. Current Loans	-	-	54357.5
b. Capital Loans	10.8	2769.7	-
c. Debt Loans	-	-	54357.5
2.Foreign Grants & Aids	316.3	355.5	-
a.Current Receipts	301.3	345.0	25918.8
b.Capital Receipts	15.0	10.5	20961.9
Total Receipts of State	825717.1	5693019.6	4956.9
Administrative Organizations			5044142.3
EXPENDITURES			
1.Current Account	343732.8	4302051.3	3511989.0
a.Ministries and Departments	249163.5	3871055.9	2350096.0
b.Interest	86589.9	358467.4	611777.2
c.Contributions	7979.4	72528.0	550115.8
2.Capital Account (Ministries & Departments)	663875.2	3203230.2	3339081.1
3.Financial Account	125.7	1219.2	60483.5
a.Public Debt	124.3	917.5	56167.2
b.Investment	1.4	301.7	4316.3
c.Savings	-	-	-
4.Reserve Fund	-	-	16173.6
Total Expenditures of State	1007733.7	7506500.7	6927727.2
Administrative Organizations			
Surplus(+)/Deficit(-)	-182016.6	-1813481.1	(-)1883584.9

TABLE 17.01 SUMMARY OF THE STATE BUDGET (cont'd)
 Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

Particulars	2005-2006	2010-2011	2012-2013
STATE ECONOMIC ENTERPRISES			
RECEIPTS	1120886.3	-	8136740.4
Internal Receipts	1120694.2	-	7497457.6
1.Current Account	1120482.2	-	7333927.2
2.Capital Account	210.4	-	163530.4
3.Financial Account	1.6	-	-
Foreign Receipts	192.1	-	639282.8
1.Foreign Loans	192.1	-	639282.8
2.Foreign Grants and Aids	-	-	-
EXPENDITURES	1346099.8	-	4879992.9
1.Current Account	1224424.1	-	3685328.5
2.Capital Account	121266.9	-	1116571.3
3.Financial Account	408.8	-	78093.1
Surplus(+)/Deficit(-)	-225213.5	-	+3256747.5
STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)			
RECEIPTS	-	-	-
Internal Receipts	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Foreign Receipts	-	-	-
1.Foreign Loans	-	-	-
2.Foreign Grants and Aids	-	-	-
EXPENDITURES	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	-

TABLE 17.01 SUMMARY OF THE STATE BUDGET (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

Particulars	2005-2006	2010-2011	2012-2013
DEVELOPMENT COMMITTEES			
RECEIPTS	120.8	359.2	16349.3
1.Current Account	120.8	359.2	16341.0
2.Capital Account	-	-	8.3
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
EXPENDITURES	107.9	437.9	12698.4
1.Current Account	84.7	335.5	11321.9
2.Capital Account	23.2	102.4	1376.5
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	+12.9	-78.7	+3650.9
NAY PYI TAW COUNCIL			
RECEIPTS	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
EXPENDITURES	-	-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	-
UNION MINISTRY AND DEPARTMENT (Undertaken Outside the Union Fund)			
Social Security			-
RECEIPTS		-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Accounts	-	-	-
4.Foreign Loans and Grants	-	-	-
EXPENDITURES		-	-
1.Current Account	-	-	-
2.Capital Account	-	-	-
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-	-	-
TOTAL			
1.Receipts	1946724.2	5693378.8	13197232.0
2.Expenditures	2353941.4	7506938.6	11820418.5
Surplus(+)/Deficit(-)	-407217.2	-1813559.8	(+1376813.5)

TABLE 17.01 SUMMARY OF THE STATE BUDGET (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

Particulars	2013-2014	2014-2015	2015-2016(P.A)
STATE ADMINISTRATIVE ORGANIZATIONS			
MINISTRIES & DEPARTMENTS			
RECEIPTS			
Internal Receipts	5920194.5	7968814.5	8077828.5
1.Current Account	5829521.0	7896150.7	7824231.5
a.Taxes	4458778.9	6517948.2	6314697.6
b.Ministries and Departments	625113.4	840217.5	690624.2
c.Earnings from State Economic Enterprises	745628.7	537985.0	818909.8
2.Capital Account (Ministries & Departments)	58200.8	47766.0	194869.0
3.Financial Accounts	32472.7	24897.9	58728.0
a.Public Debt	20431.9	10910.7	40368.3
b.Investment	12040.8	13987.2	18359.7
Foreign Receipts	163486.6	352783.3	818469.9
1.Foreign Loans	87250.7	187281.8	570973.3
a. Current Loans	-	7628.7	46259.8
b. Capital Loans	25400.3	28192.9	186079.5
c. Debt Loans	61850.4	151460.3	338633.9
2.Foreign Grants & Aids	76235.9	165501.5	247496.6
a.Current Receipts	28877.3	94222.1	161087.1
b.Capital Receipts	47358.6	71279.4	86409.5
Total Receipts of State Administrative Organizations	6083681.1	8321597.8	8896298.4
EXPENDITURES			
1.Current Account	4183051.2	5977389.4	7381615.5
a.Ministries and Departments	2957329.2	3551745.5	4737518.1
b.Interest	646655.6	736306.3	719484.1
c.Contributions	579066.5	1689337.6	1924613.4
2.Capital Account (Ministries & Departments)	3193863.5	3373565.9	3587557.2
3.Financial Account	152523.1	252078.9	475078.6
a.Public Debt	140243.6	226932.5	456205.4
b.Investment	12279.6	25146.3	18873.3
c.Savings	-	-	-
4.Reserve Fund	100000.0	99799.4	94909.9
Total Expenditures of State Administrative Organizations	7629437.9	9702833.6	11539161.3
Surplus(+)/Deficit(-)	-1545756.8	-1381235.7	-2642862.9

TABLE 17.01 SUMMARY OF THE STATE BUDGET (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

Particulars	2013-2014	2014-2015	2015-2016 (P.A)
STATE ECONOMIC ENTERPRISES			
RECEIPTS	7905407.2	8293579.5	6960021.6
Internal Receipts	7469701.5	8079762.5	6717300.7
1.Current Account	7369145.5	8041553.3	6673490.1
2.Capital Account	100556.0	37973.3	4475.8
3.Financial Account	-	236.0	39334.8
Foreign Receipts	435705.7	213816.9	242720.9
1.Foreign Loans	370581.7	180571.1	160784.3
2.Foreign Grants and Aids	65124.0	33245.8	81936.6
EXPENDITURES	6993069.9	7623140.6	7328131.5
1.Current Account	5504196.0	6366361.3	6173404.3
2.Capital Account	1226492.5	1014873.1	901470.7
3.Financial Account	262381.4	241906.2	253256.5
Surplus(+)/Deficit(-)	+912337.3	+670438.9	-368109.8
STATE ECONOMIC ENTERPRISES (Undertaken Outside the Union Fund)			
RECEIPTS		162214.0	671624.4
Internal Receipts	133652.3	156811.1	634260.3
1.Current Account	128531.8	129109.4	603372.0
2.Capital Account	114214.3	560.8	2551.6
3.Financial Account	5731.7	27140.9	28336.7
Foreign Receipts	8585.8	5402.9	37364.2
1.Foreign Loans	-	-	36371.2
2.Foreign Grants and Aids	5120.5	5402.9	993.0
EXPENDITURES	111352.1	134651.0	649330.4
1.Current Account	78378.5	109648.4	564804.4
2.Capital Account	26632.8	21472.0	80120.6
3.Financial Account	6340.8	3530.6	4405.4
Surplus(+)/Deficit(-)	+22300.1	+27563.0	+22294.0

TABLE 17.01 SUMMARY OF THE STATE BUDGET (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Particulars	2013-2014	2014-2015(PA)	2015-2016(P.A)
DEVELOPMENT COMMITTEES			
RECEIPTS	23480.1	950.8	1228.3
1.Current Account	23409.7	950.8	1228.3
2.Capital Account	70.4	0.0	0.0
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	0.0	0.0
EXPENDITURES	22843.7	935.4	1095.8
1.Current Account	21270.8	893.9	1055.1
2.Capital Account	1572.9	41.5	40.7
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	+636.5	15.3	132.5
NAY PYI TAW COUNCIL			
RECEIPTS	-	968.3	352.8
1.Current Account	-	28.4	241.9
2.Capital Account	-	75.9	110.9
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	864.0	-
EXPENDITURES	149761.6	118111.4	71478.4
1.Current Account	-	1288.8	1873.1
2.Capital Account	149761.6	116822.6	69605.3
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-149761.6	-117143.1	-71125.6
NAY PYI TAW DEVELOPMENT COMMITTEE			
RECEIPTS	-	20634.1	61101.4
1.Current Account	-	20564.4	61056.5
2.Capital Account	-	69.7	44.9
3.Financial Account	-	-	-
4.Foreign Loans and Grants	-	-	-
EXPENDITURES	149761.6	21308.7	49798.2
1.Current Account	-	19008.7	41429.4
2.Capital Account	149761.6	2300.0	8368.8
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	-149761.6	-674.7	11303.2

TABLE 17.01 SUMMARY OF THE STATE BUDGET (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Particulars	2013-2014	2014-2015(P.A)	2015-2016(P.A)
UNION MINISTRY AND DEPARTMENT (Undertaken Outside the Union Fund)			
Social Security			
RECEIPTS	9246.9	31299.9	60717.6
1.Current Account	9246.9	31262.0	60717.6
2.Capital Account	-	37.9	-
3.Financial Accounts	-	-	-
4.Foreign Loans and Grants	-	-	-
EXPENDITURES	4216.2	12392.9	17391.5
1.Current Account	3076.3	5766.1	11533.6
2.Capital Account	1139.9	6626.8	5857.8
3.Financial Account	-	-	-
Surplus(+)/Deficit(-)	+5030.7	+18906.9	43326.2
TOTAL			
1.Receipts	14155467.5	16831244.3	16651344.5
2.Expenditures	14910681.3	17613373.7	19656387.1
Surplus(+)/Deficit(-)	- 755213.8	-782129.4	-3005042.6

Source: Budget Department.

TABLE 17.02 CURRENT RECEIPTS OF THE STATE ADMINISTRATIVE ORGANIZATIONS
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Particulars	2005-2006		2010-2011		2012-2013	
	Amount	%	Amount	%	Amount	%
TOTAL CURRENT RECEIPTS	818047.8	100.0	5307269.5	100.0	4575269.3	100.0
TAXES AND DUTIES	476944.9	58.3	1281860.4	24.1	3374806.1	73.7
1.Taxes on Production and Expenditure	245725.8	30.0	665233.6	12.5	1561118.4	34.1
Commodities and Services Tax	-	-	-	-	-	-
Import Licence Fees	553.6	0.1	865.1	*	9256.6	0.2
State Lottery	8771.4	1.1	20275.4	0.4	26889.6	0.6
Stamps	4586.2	0.6	25112.4	0.5	43571.3	0.9
Transportation Tax	1757.6	0.2	16338.9	0.3	286554.2	6.3
Excise	4936.3	0.6	6604.1	0.1	391.1	*
Commercial Taxes	225120.7	27.5	596037.7	11.2	1194455.6	26.1
2.Customs Duties	17894.0	2.2	59635.8	1.1	367923.2	8.0
3.Taxes on Income and Profit	206676.2	25.3	544891.3	10.3	1432589.6	31.3
4.Taxes on the use of State Properties	6648.9	0.8	12099.7	0.2	13174.9	0.3
Land Revenue	101.9	*	152.9	*	0.9	*
Taxes on Extraction of Forest Produce	2270.8	0.3	4490.8	0.1	3143.6	0.1
Taxes on Extraction of Mineral Produce	24.5	*	57.3	*	13.8	*
Taxes on Fisheries	4224.3	0.5	7033.5	0.1	7415.5	0.1
Water and Irrigation Tax	26.9	*	337.2	*	2600.7	0.1
Taxes on Rubber	0.5	*	28.0	*	0.5	*
Tax on Extraction Petroleum and Natural Gas	-	-	-	-	-	-
Minerals Tax and Treasure Tax	-	-	-	-	-	-
Tax Levied on Communication Services	-	-	-	-	-	-
Tax Levied on Extraction of Electricity	-	-	-	-	-	-
RECEIPTS FROM MINISTRIES & DEPARTMENTS	59511.9	7.3	3241492.3	61.1	401992.2	8.8
EARNINGS FROM STATE ECONOMIC ENTERPRISES	281279.0	34.4	783416.3	14.8	773766.0	16.9
INTEREST RECEIPTS	10.7	*	155.5	*	3743.0	0.1
TOTAL RECEIPTS	817746.5	100.0	5306924.5	100.0	4554307.3	99.5
FOREIGN AIDS AND GRANTS	301.3	*	345.0	*	20962.0	0.5

TABLE 17.02 CURRENT RECEIPTS OF THE STATE ADMINISTRATIVE ORGANIZATIONS (concl'd)

Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Particulars	2013-2014		2014-2015		2015-2016	
	Amount	%	Amount	%	Amount	%
TOTAL CURRENT RECEIPTS	5858398.3	100.0	7990372.8	100.0	7985318.6	100.0
TAXES AND DUTIES	4458778.9	76.1	6517948.2	81.6	6314697.6	79.1
1. Taxes on Production and public consumption	2046861.6	34.9	2299211.7	28.8	2590986.1	32.5
Commodities and Services Tax	-	-	-	-	-	-
Import Licence Fees	9416.4	0.2	11870.8	0.1	9115.1	0.1
State Lottery	29633.2	0.5	30382.7	0.4	34137.8	0.4
Stamps	34251.8	0.6	65387.8	0.8	124504.2	1.6
Transportation Tax	268764.9	4.6	335982.9	4.2	316300.8	4.0
Excise	948.6	*	938.2	*	969.7	*
Commercial Taxes	1703846.7	29.1	1854649.3	23.2	2105958.6	26.4
2. Customs Duties	363234.3	6.2	495598.0	6.2	467241.9	5.9
3. Taxes on Income and Profit	1799834.5	30.7	2234938.0	28.0	2326399.8	29.1
4. Taxes on the use of State Properties	248848.5	4.2	1488200.6	18.6	930069.7	11.6
Land Revenue	0.9	*	0.9	*	7.6	*
Taxes on Extraction of Forest Produce	4540.2	0.1	4447.3	0.1	8742.7	0.1
Taxes on Extraction of Mineral Produce	9.3	*	4.8	*	57.2	*
Taxes on Fisheries	7636.0	0.1	2504.4	*	2591.7	*
Water and Irrigation Tax	312.2	*	0.024	*	0.027	*
Taxes on Rubber	0.9	*	0.4	*	-	-
Tax on Extraction Petroleum and Natural Gas	223141.7	3.8	332946.0	4.2	343071.9	4.3
Minerals Tax and Treasure Tax	7169.8	0.1	28213.3	0.4	31591.2	0.4
Tax Levied on Communication Services	56.6	*	1109887.7	13.9	530222.5	6.6
Tax Levied on Extraction of Electricity	5980.9	0.1	10195.9	0.1	13784.8	0.2
RECEIPTS FROM MINISTRIES & DEPARTMENTS	586713.5	10.0	770001.1	9.6	626407.4	7.8
EARNINGS FROM STATE ECONOMIC ENTERPRISES	745628.7	12.7	537985.0	6.7	818909.8	10.3
INTEREST RECEIPTS	38399.9	0.7	70216.4	0.9	64216.7	0.8
TOTAL RECEIPTS	5829521.0	99.5	7896150.7	98.8	7824231.5	98.0
FOREIGN AIDS AND GRANTS	28877.3	0.5	94222.1	1.2	161087.1	2.0

Note: * is less than one unit

Source: Budget Department.

TABLE 17.03 EXPENDITURES OF THE UNION GOVERNMENT BY SECTOR (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Sector	2013-2014				2014-2015				2015-2016(P.A)			
	Current		Capital		Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
EXPENDITURE BY SECTOR												
TOTAL	9708518.1	100	4571690.5	100	12471396.7	100	8820154.6	100	14216471.5	100	4707175.1	100
Agriculture	220659.1	2.3	325339.8	7.1	246749.8	2.0	294857.7	6.5	274412.2	1.9	341099.7	7.3
Livestock and Fishery	18976.6	0.2	116397.8	2.5	22240.3	0.2	335572.5	7.4	33549.1	0.2	295139.9	6.3
Forestry	288060.4	3.0	7318.5	0.2	286421.3	2.3	7109.8	0.2	429541.4	3.0	8393.5	0.2
Mines	148379.5	1.5	428.6	*	179891.6	1.4	587.2	*	163261.0	1.2	194.0	*
Industry	208612.8	2.1	582010.8	12.7	229067.8	1.8	411971.8	9.1	243401.6	1.7	300488.1	6.4
Energy	3537540.0	36.4	589571.1	12.9	4245378.1	33.8	575522.8	12.7	4511179.5	31.7	573511.1	12.2
Construction	412837.2	4.3	233956.0	5.1	375839.4	3.0	280392.3	6.2	99419.3	0.7	295664.9	6.3
Transport and Communications	424553.2	4.4	319747.8	7.0	593595.0	4.7	235765.1	5.2	638030.7	4.5	260851.4	5.5
Social Services <u>1/</u>	1633540.1	16.8	590929.3	12.9	2988009.7	24.6	616622.6	13.7	3661018.5	25.8	669010.5	14.2
Finance	593943.5	6.1	82782.5	1.8	704061.4	5.6	23085.5	1.3	841879.8	5.9	71045.9	1.5
Trade	17070.1	0.2	3023.3	0.1	16287.8	0.1	41379.9	0.2	19917.7	0.1	4532.6	0.1
Defence	993163.8	10.2	1229418.2	26.9	1158037.4	9.2	1313303.5	29.0	1551607.9	10.9	1589539.4	33.8
Administration <u>2/</u>	1189911.0	12.3	339432.3	7.4	1404625.6	11.2	273740.2	8.6	1704895.2	12.0	219689.4	4.7
Development Committees	21270.8	0.2	1572.9	*	19902.7	0.2	145.6	0.1	42484.6	0.3	8409.5	0.2
Nay Pyi Taw Council	-	-	149761.6	3.3	1288.8	*	4410098.0	*	1873.1	0.0	69605.3	1.5

Notes: 1/ Includes contributions.

Source: Budget Department.

2/ Pyithu Hluttaw & Councils, and from 1989-90 on wards only the State Law & Order Restoration Council which has been reorganized as the State Peace and Development Council since 15 November 1997.

TABLE 17.04 EXPENDITURES OF THE STATE ADMINISTRATIVE ORGANIZATIONS BY SECTOR (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016 absolute values in kyat millions

Sector	2013-2014				2014-2015				2015-2016 (P.A)			
	Current		Capital		Current		Capital		Current		Capital	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
EXPENDITURE BY SECTOR												
TOTAL	4204322.1	100	3345198.0	100	5998580.9	100	3373753.1	100	7478262.8	100	3725583.8	100
Agriculture	175538.8	4.2	325169.0	9.7	199432.7	3.3	294720.2	8.4	230764.0	3.1	341039.7	9.2
Livestock and Fishery	11256.3	0.3	116345.6	3.5	22240.3	0.4	335572.5	9.6	33549.1	0.5	295139.9	7.9
Forestry	10204.6	0.2	7106.3	0.2	11631.1	0.2	6894.4	0.2	13940.3	0.2	8284.9	0.2
Mines	2075.2	0.1	88.4	*	2263.4	*	234.6	*	2446.7	*	58.4	*
Industry	41402.7	1.0	71204.9	2.1	46698.2	0.8	80839.4	2.3	61982.7	0.8	74741.0	2.0
Energy	14141.7	0.3	171053.9	5.1	14075.1	0.2	106118.4	3.0	16203.7	0.2	105475.3	2.8
Construction	83361.2	2.0	205815.6	6.2	86289.6	1.4	268992.4	7.7	99419.3	1.3	295664.9	7.9
Transport and Communications	17047.4	0.4	69897.3	2.1	20499.7	0.3	50763.0	1.5	28344.2	0.4	34660.4	0.9
Social services ^{1/}	1608262.5	38.3	587895.6	17.6	2962033.8	50.3	612162.6	17.7	3627707.0	48.5	666396.8	17.9
Finance	26304.4	0.6	67527.8	2.0	34249.3	0.6	23085.5	0.7	43127.2	0.6	12346.3	0.3
Trade	10381.7	0.2	2908.6	0.1	15313.2	0.3	7139.2	0.2	19917.7	0.3	4532.6	0.1
Defence	993163.8	23.6	1229418.2	36.8	1158037.4	19.0	1313303.5	37.5	1551607.9	20.8	1589539.4	42.7
Administration ^{2/}	1189911.0	28.4	339432.3	10.1	1404625.6	23.0	273740.2	11.2	1704895.2	22.8	219689.4	5.9
Development Committees	21270.8	0.4	1572.9	*	19902.7	0.3	111.2	0.1	42484.6	0.6	8409.5	0.2
Nay Pyi Taw Council	-	-	149761.6	4.5	1288.8	*	76.0	*	1873.1	*	69605.3	1.9

Notes: 1/ Includes contributions.

Source: Budget Department.

2/ Pyithu Hluttaw & Councils, and from 1989-90 on wards only the State Law & Order Restoration Council which has been reorganized as the State Peace and Development Council since 15 November 1997.

TABLE 17.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

State Economic Enterprises	2005-2006			2010-2011			2012-2013		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
GRAND TOTAL	1120482.1	1224424.1	-103942.0	2805164.3	2754589.2	+50575.1	7333927.1	3685328.4	+3648598.7
AGRICULTURE AND FOREST	30807.8	65325.2	-34517.4	79949.3	196617.9	-116668.6	685964.3	285893.1	+400071.2
1.Agricultural Enterprises	21122.0	35098.1	-13976.1	45963.6	75396.7	-29433.1	29026.4	24831.9	+4194.5
2.Myanma Timber Enterprise	9685.8	30227.1	-20541.3	33985.7	121221.2	-87235.5	656937.9	261061.2	+395876.7
LIVESTOCK BREEDING AND FISHERIES	12159.2	14182.1	-2022.9	11976.1	30439.8	-18463.7	26164.6	5070.1	+21094.5
1.Myanma Fisheries Enterprise	-	-	-	-	-	-	-	-	-
2.Livestock,Foodstuff and Milk Products Enterprise	12159.2	14182.1	-2022.9	11976.1	30439.8	-18463.7	26164.6	5070.1	+21094.5
MINES	18658.3	10395.2	+8263.1	75091.9	44179.8	+30912.1	277672.0	179310.0	+98362.0
1.Mining Enterprises	3499.9	5250.7	-1750.8	12430.5	9116.5	+3314.0	51083.6	33529.5	+17554.1
2.Myanma Gems Enterprise	13795.4	3691.1	+10104.3	60814.3	32706.3	+28108.0	221303.3	143543.8	+77759.5
3.Myanma Salt and Marine Chemical Enterprise	552.7	736.8	-184.1	722.7	1199.4	-476.7	218.3	207.0	+11.3
4.Myanma Pearl Enterprise	810.3	716.6	+93.7	1124.4	1157.6	-33.2	5066.8	2029.7	+3037.1
INDUSTRY	177379.5	168550.3	+8829.2	261964.9	271021.6	-9056.7	183193.7	128470.3	+54723.4
1.Industry (1)	153820.4	139797.7	+14022.7	168729.6	192098.3	-23368.7	183193.7	128470.3	+54723.4
2.Industry (2)	23559.1	28752.6	-5193.5	93235.3	78923.3	+14312.0			
ENERGY	446921.0	597225.2	-150304.2	1375389.3	1275689.7	+99699.6	4163888.4	1927698.7	+2236189.7
1.Myanma Oil and Gas Enterprise	14375.8	15453.4	-1077.6	65352.5	75353.4	-10000.9	1784893.8	1229050.3	+555843.5
2.Myanma Petrochemical Enterprise	158572.0	272670.3	-114098.3	196128.7	244168.4	-48039.7	725368.1	218858.9	+506509.2
3.Myanma Petroleum Products Enterprise	235495.0	267701.9	-32206.9	686460.5	473588.8	+212871.7	709994.1	182450.6	+527543.5
4.Myanma Electric Power Enterprise	38478.2	41399.6	-2921.4	427447.6	482579.1	-55131.5	943632.4	297338.9	+646293.5

TABLE 17.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISE (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

State Economic Enterprises	2005-2006			2010-2011			2012-2013		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
PUBLIC WORKS	127679.6	117524.3	+10155.3	130371.3	122587.5	+7783.8	549240.4	247915.2	+301325.2
TRANSPORT	12813.9	14625.7	-1811.8	34148.9	39386.5	-5237.6	102165.5	58537.6	+43627.9
1.Myanmar Five Star Line	2539.8	2104.2	+435.6	718.0	1187.1	-469.1	-	-	-
2.Inland Water Transport	3948.7	4293.9	-345.2	7534.0	11611.7	-4077.7	12893.9	7900.7	+4993.2
3.Myanmar Port Authority	1761.0	1715.0	+46.0	3836.9	6601.6	-2764.7	47514.7	21443.5	+26071.2
4.Myanmar Shipyards	789.5	1044.7	-255.2	3297.1	4036.4	-739.3	3652.4	2378.2	+1274.2
5.Myanmar Airways	3774.9	5467.9	-1693.0	18762.9	15949.7	+2813.2	38104.5	26815.2	+11289.3
RAIL TRANSPORT	26450.2	23865.2	+2585.0	40487.8	66753.0	-26265.2	69983.5	48357.9	+21625.6
1.Myanmar Railways	22749.3	20457.9	+2291.4	33137.6	59282.3	-26144.7	61845.5	42788.2	+19057.3
2.Road Transport	3700.9	3407.3	+293.6	7350.2	7470.7	-120.5	8138.0	5569.7	+2568.3
TELECOMMUNICATIONS, POST&TELEGRAPH	115402.9	76380.6	+39022.3	322726.3	265530.1	+57196.2	550211.7	246574.3	+303637.4
1.Myanmar Post and Telecommunications	115402.9	76380.6	+39022.3	322726.3	265530.1	+57196.2	550211.7	246574.3	+303637.4
FINANCE AND REVENUE	139076.7	126900.2	+12176.5	445813.2	414579.0	+31234.2	682449.5	528509.6	+153939.9
1.Central Bank of Myanmar	83766.6	80608.8	+3157.8	246504.0	209993.2	+36510.8	310497.9	243208.4	+67289.5
2.Myanmar Economic Bank	40063.5	36947.5	+3116.0	155330.6	169514.1	-14183.5	199497.8	191172.1	+8325.7
3.Myanmar Foreign Trade Bank	453.3	257.8	+195.5	1004.3	932.9	+71.4	-60.4	1597.9	-1658.3
4.Myanmar Agricultural and Rural Development Bank	-	-	-	-	-	-	-	-	-
5.Myanmar Investment and Commercial Bank	1816.6	1652.8	+163.8	4027.0	4798.6	-771.6	69304.0	19020.5	+50283.5
6.Myanmar Insurance	6833.1	2673.5	+4159.6	20705.2	9181.8	+11523.4	47367.3	12862.1	+34505.2
7.Security and Printing Works	3370.6	2860.3	+510.3	15414.0	17050.4	-1636.4	52648.7	57674.6	-5025.9
8.Myanmar Small Loan	2773.0	1899.5	+873.5	2828.1	3108.0	-279.9	3194.2	2974.0	+220.2
TRADE ENTERPRISES	4979.0	4082.7	+896.3	5829.9	6888.4	-1058.5	8344.8	9982.7	-1637.9
SOCIAL SERVICE	8154.1	5367.4	+2786.7	21415.4	20915.9	+499.5	34648.7	19008.9	+15639.8
1.Information	6682.3	4325.2	+2357.1	15591.9	15596.6	-4.7	26649.3	14475.7	+12173.6
2.Social Security Board	1471.8	1042.2	+429.6	5823.5	5319.3	+504.2	7999.4	4533.2	+3466.2

TABLE 17.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (cont'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

State Economic Enterprises	2013-2014			2014-2015			2015-2016 (P.A)		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
GRAND TOTAL	7369145.4	5504196.0	+1864949.5	8170662.7	6472815.8	+1697846.9	7276895.0	6738208.7	538686.3
AGRICULTURE AND FOREST	676992.6	322976.1	+354016.5	464963.9	322107.1	+142856.5	452963.0	459249.2	-6286.2
1.Agricultural Enterprises	60227.4	45120.3	+15107.1	48389.6	47317.3	+1072.5	50126.1	43648.1	6478.0
2.Myanmar Timber Enterprise	616765.2	277855.8	+338909.4	416574.3	274790.3	+141784.1	402836.9	415601.1	-12764.2
LIVESTOCK BREEDING AND FISHERIES	10224.2	7720.3	+2503.9	-	-	-	-	-	-
1.Myanmar Fisheries Enterprise	-	-	-	-	-	-	-	-	-
2.Livestock, Foodstuff and Milk Products Enterprise	10224.2	7720.3	+2503.9	-	-	-	-	-	-
MINES	356131.4	146304.3	+209827.2	341174.5	177628.1	+163546.0	283175.8	160814.3	122361.5
1.Mining Enterprises	43749.5	30004.7	+13744.7	66748.8	30735.0	+36014.8	52616.8	42413.6	10203.2
2.Myanmar Gems Enterprise	304762.9	112880.4	+191882.6	262066.8	142141.1	119925.7	207553.7	106023.4	101530.3
3.Myanmar Salt and Marine Chemical Enterprise	55.7	232.0	-176.3	826.7	247.4	+579.3	27.4	285.3	-257.9
4.Myanmar Pearl Enterprise	7563.3	3187.2	+4376.1	11531.9	4505.7	+7026.2	22978.0	12092.0	10885.9
INDUSTRY	143759.9	167210.1	-23450.2	92896.3	182369.5	-89473.2	109031.4	181418.9	-72387.4
1.Industry (1)	143759.9	167210.1	-23450.2	92896.3	182369.5	-89473.2	109031.4	181418.9	-72387.4
2.Industry (2)									
ENERGY	4121316.9	3523398.3	+597918.6	5294861.3	4231303.0	+1063558.3	4691230.2	4494975.9	196254.3
1.Myanmar Oil and Gas Enterprise	1749122.5	1245180.6	+503941.9	1869668.3	1401302.5	+468365.8	1951664.9	1279372.2	672292.7
Petrochemical Enterprise	648824.1	634287.2	+14536.9	1042695.9	731061.6	+311334.3	406543.9	664649.7	-258105.8
3.Myanmar Petroleum Products Enterprise	649667.7	619190.8	+30476.9	627137.4	583641.1	+43496.3	518020.1	505775.6	12244.5
4.Myanmar Electric Power Enterprise	1073702.6	1024739.7	+48962.9	1755659.6	151297.8	+240361.7	1360460.1	1625182.5	-264722.4
5. Yangon Electricity Supply Corporation	-	-	-	-	-	-	333894.4	305470.1	28424.3
6. Mandalay Electricity Supply Corporation	-	-	-	-	-	-	120646.9	114525.8	6121.1

TABLE 17.05 CURRENT CASH BUDGET OF THE STATE ECONOMIC ENTERPRISES (concl'd)
Years 2005/2006, 2010/2011, 2012/2013-2015/2016, absolute values in kyat millions

State Economic Enterprises	2013-2014			2014-2015			2015-2016 (P.A)		
	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-	Receipts	Expenditure	Surplus+ / Deficit-
PUBLIC WORKS	323500.3	329476.0	-5975.7	325022.6	289549.8	+35472.8	-	-	-
TRANSPORT	-	-	-	129109.4	109648.4	+19461.0	148830.7	147224.0	1606.7
1.Myanma Five Star Line	-	-	-	-	-	-	-	-	-
2.Inland Water Transport	-	-	-	9651.0	11825.4	-2174.3	7518.7	10526.6	-3007.9
3.Myanmar Port Authority	-	-	-	66084.9	39127.4	+26957.5	76701.3	41209.1	35492.1
4.Myanmar Shipyards	-	-	-	4128.3	3435.4	+692.9	3474.4	3923.4	-448.9
5.Myanmar Airways	-	-	-	49245.2	55260.2	-6015.1	61136.3	91564.8	-30428.6
RAIL TRANSPORT	82287.7	110633.2	-28345.5	75258.8	124208.3	-4849.5	80383.9	125966.9	-45583.0
1.Myanmar Railways	74620.3	100689.8	-26069.5	63391.3	114777.3	-51386.0	70979.0	115102.1	-44123.1
2.Road Transport	7667.4	9943.4	-2276.0	11867.5	9431.0	+2436.4	9404.9	10864.7	-1459.9
TELECOMMUNICATIONS, POST&TELEGRAPH	976562.4	296872.6	+679689.8	708330.4	339238.6	+369091.8	545552.2	336495.6	209056.6
1.Myanmar Post and Telecommunications	976562.4	296872.6	+679689.8	708330.4	339238.6	+369091.8	545552.2	336495.6	209056.6
FINANCE AND REVENUE	638828.8	567639.1	+71189.7	709607.9	669812.2	+39795.8	935821.0	798752.6	137068.4
1.Central Bank of Myanmar	331636.6	239022.4	+92614.2	357654.3	238098.3	+119556.0	453084.1	351464.8	101619.3
2.Myanmar Economic Bank	175832.2	204702.7	-28870.5	200355.2	305942.8	-105587.6	255839.1	284923.7	-29084.6
3.Myanmar Foreign Trade Bank	5022.4	1897.7	+3124.7	23805.2	2728.1	+21077.1	42100.4	33521.4	8579.0
4.Myanmar Agricultural and Rural Development Bank	-	-	-	-	-	-	-	-	-
5.Myanmar Investment and Commercial Bank	12467.8	21937.3	-9469.5	13634.9	12651.7	+983.2	13616.6	12319.9	1296.7
6.Myanmar Insurance	34797.5	34881.7	-84.2	39398.7	26684.8	+12713.9	46391.8	24530.6	21861.2
7.Security and Printing Works	76733.1	62125.9	+14607.2	74504.0	82549.7	-8045.7	124619.0	91992.1	32626.9
8.Myanmar Small Loan	2339.2	3071.4	-732.2	255.7	1156.7	-901.0	170.0	-	170.0
TRADE ENTERPRISES	9427.9	6688.4	+2739.5	-	974.6	-974.6	29906.8	33311.5	-3404.7
SOCIAL SERVICE	30113.3	25277.6	+4835.7	29437.9	25975.9	+3462.0	-	-	-
1.Information	30113.3	25277.6	+4835.7	29437.9	25975.9	+3462.0	29906.8	33311.5	-3404.7
2.Social Security Board	-	-	-	-	-	-	-	-	-

- Notes : (1) Since January 29, 1991, Ministry of Transport and Communications has been reorganized as Ministry of Transport, Ministry of Rail Transport and Ministry of Telecommunications, Post and Telegraph. Source: Budget Department.
- (2) Since February 17, 1992, Ministry of Planning & Finance has been reorganized as Ministry of National Planning & Economic Development and Ministry of Finance & Revenue.
- (3) Since August 7, 1996, Ministry of Trade has been reformed as Ministry of Commerce.
- (4) Since August 14, 1996, Myanmar Agricultural and Rural Development Bank is placed under the Ministry of Agriculture and Irrigation. According to the Cabinet Meeting No(5/2017), Myanmar Agricultural and Development Bank was transferred to the Ministry of Planning and Finance in 1st April 2017.

TABLE 17.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR
Years 2005/2006, 2010/2011-2015/2016, absolute values in kyat millions

Sector	2005-2006	2010-2011	2011-2012
GRAND TOTAL	121266.7	371962.3	377231.5
AGRICULTURE AND FOREST	2873.1	4311.2	3655.3
1.Agricultural Enterprises	2616.0	4109.2	2653.5
2.Myanmar Timber Enterprise	257.1	202.0	1001.8
LIVESTOCK BREEDING AND FISHERIES	851.0	1862.3	2919.9
1.Myanmar Fisheries Enterprise	-	-	-
2.Livestock,Foodstuff and Milk Products Enterprise	851.0	1862.3	2919.9
MINES	677.1	1275.7	351.5
1.Mining Enterprises	225.7	43.4	46.3
2.Myanmar Gems Enterprise	71.9	1010.9	91.6
3.Myanmar Salt and Marine Chemical Enterprise	129.5	5.9	-
4.Myanmar Pearl Enterprise	250.0	215.5	213.6
INDUSTRY	48912.1	73891.0	60136.4
1.Industry(1)	43261.2	42890.2	} 60136.4
2.Industry(2)	5650.9	31000.8	
ENERGY	18654.9	115843.3	145871.3
1.Myanmar Oil and Gas Enterprise	937.6	3771.5	4210.2
2.Myanmar Petrochemical Enterprise	751.4	19828.9	609.7
3.Myanmar Petroleum Products Enterprise	1172.3	136.8	208.7
4.Myanmar Electric Power Enterprise	15793.6	92106.1	140842.7
5.Off-Shore Project	-	-	-
PUBLIC WORKS	1210.1	3678.8	4440.9

TABLE 17.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (cont'd)
Years 2005/2006, 2010/2011-2015/2016, absolute values in kyat millions

Sector	2005-2006	2010-2011	2011-2012
TRANSPORT	3250.0	5826.2	5289.7
1.Myanma Five Star Line	90.7	0.1	-
2.Inland Water Transport	945.3	992.3	452.1
3.Myanma Port Authority	1757.3	2191.3	2884.1
4.Myanma Shipyards	417.2	486.0	288.7
5.Myanma Airways	39.5	115015.2	111783.5
RAIL TRANSPORT	33576.2	113364.9	111748.5
1.Myanmar Railways	32922.7	1650.3	35.0
2.Road Transport	653.5	43353.2	36543.8
TELECOMMUNICATIONS, POST & TELEGRAPH	8470.4	43353.2	36543.8
1.Myanmar Post and Telecommunications	8470.4	6359.5	5686.1
FINANCE AND REVENUE	2033.4	3279.3	1036.8
1.Central Bank of Myanmar	347.1	1488.0	857.2
2.Myanmar Economic Bank	1481.1	119.5	142.6
3.Myanmar Foreign Trade Bank	14.8	-	-
4.Myanmar Agricultural and Rural Development Bank	-	51.8	162.6
5.Myanmar Investment and Commercial Bank	18.8	135.1	18.4
6.Myanmar Insurance	74.0	1226.3	3414.8
7.Security and Printing Works	52.7	59.5	53.7
8.Myanmar Small Loan	44.9	22.9	7.5
TRADE ENTERPRISES	149.2	523.0	545.6
SOCIAL SERVICES	609.2	349.8	418.6
1.Information	474.4	173.2	127.0
2.Social Security Board	134.8	349.8	418.6

TABLE 17.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (cont'd)
Years 2005/2006, 2010/2011-2015/2016, absolute values in kyat millions

Sector	2012-2013	2013-2014	2014-2015	2015-2016 (P.A)
GRAND TOTAL	1116570.9	1226492.5	1036345.1	981591.3
AGRICULTURE AND FOREST	564.9	383.0	352.9	168.6
1.Agricultural Enterprises	-	170.8	137.5	60.0
2.Myanmar Timber Enterprise	564.9	212.2	215.4	108.6
LIVESTOCK BREEDING AND FISHERIES	-	52.2	-	-
1.Myanmar Fisheries Enterprise	-	-	-	-
2.Livestock,Foodstuff and Milk Products Enterprise	-	52.2	-	-
MINES	396.6	340.2	352.8	135.6
1.Mining Enterprises	52.9	49.8	62.2	18.9
2.Myanmar Gems Enterprise	225.6	198.6	107.4	31.1
3.Myanmar Salt and Marine Chemical Enterprise	-	2.4	-	-
4.Myanmar Pearl Enterprise	118.1	89.4	183.2	85.7
INDUSTRY	612957.3	510805.9	331132.4	225747.1
1.Industry(1)]	612957.3	510805.9	331132.4	225747.1
2.Industry(2)]				
ENERGY	326145.2	418517.2	469404.4	468035.7
1.Myanmar Oil and Gas Enterprise	50742.7	24863.6	76248.5	32736.3
2.Myanmar Petrochemical Enterprise	5855.5	10719.5	10095.8	21307.8
3.Myanmar Petroleum Products Enterprise	362.9	829.6	2932.2	2551.5
4.Myanmar Electric Power Enterprise	269184.1	382104.5	380127.9	381761.2
5.Yangon Electricity Supply Corporation	-	-	-	20888.0
6.Mandalay Electricity Supply Corporation	-	-	-	8790.9
PUBLIC WORKS	2644.6	28140.4	11399.9	-

TABLE 17.06 CAPITAL EXPENDITURES OF THE STATE ECONOMIC ENTERPRISES BY SECTOR (concl'd)
Years 2005/2006, 2010/2011-2015/2016, absolute values in kyat millions

Sector	2012-2013	2013-2014	2014-15	2015-16(P.A)
TRANSPORT	2192.1	-	21472.0	50441.7
1.Myanma Five Star Line	-	-	-	-
2.Inland Water Transport	357.0	-	6986.1	235.3
3.Myanma Port Authority	1554.4	-	3365.3	29289.0
4.Myanma Shipyards	280.7	-	533.4	77.0
4.Myanma Airways	-	-	10587.2	20840.4
RAIL TRANSPORT	118607.5	90077.1	77452.6	104059.0
1.Myanma Railways	118607.5	90077.1	77313.7	103861.3
2.Road Transport	-	-	138.9	197.7
TELECOMMUNICATIONS, POST & TELEGRAPH	18979.0	159773.4	86077.5	71690.2
1.Myanma Post and Telecommunications	18979.0	159773.4	86077.5	71690.2
FINANCE AND REVENUE	31209.5	15254.7	34240.7	58699.6
1.Central Bank of Myanmar	767.4	1591.6	12118.2	39375.6
2.Myanma Economic Bank	1326.7	4135.5	4587.5	3193.0
3.Myanma Foreign Trade Bank	423.6	571.3	297.2	93.7
4.Myanma Agricultural and Rural Development Bank	-	-	-	-
5.Myanma Investment and Commercial Bank	215.5	72.9	245.0	23.2
6.Myanma Insurance	117.8	124.5	117.9	34.3
7.Security and Printing Works	28140.3	8646.4	16869.9	15979.9
8.Myanma Small Loan	218.2	112.5	5.0	-
TRADE ENTERPRISES	16.9	114.7	-	-
SOCIAL SERVICES	2857.3	3033.7	4459.9	2613.7
1.Information	2623.7	3033.7	4459.9	2613.7
2.Social Security Board	233.6	-	-	-

Notes:(1) Since August 7, 1996, Ministry of Trade has been reformed as Ministry of Commerce.

Source: Budget Department.

(2) Since August 14, 1996, Myanma Agricultural and Rural Development Bank is reorganized as Myanma Agricultural and Development Bank which is placed under the Ministry of Agriculture and Irrigation. According to the Cabinet Meeting No(5/2017), Myanma Agricultural and Development Bank was transferred to the Ministry of Planning and Finance in 1st April 2017.

TABLE17.07 REVENUE OF THE STATES AND REGIONS
Years 2013/2014-2015/2016, absolute values in kyat millions

States / Regions	2013-2014				2014-2015			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
Grand total	1057047.324	71370.286	4830.158	1133247.768	2403438.350	151847.720	4674.457	2559960.527
Kachin State	28596.761	0.095	-	28596.856	117376.177	3.723	-	117379.900
Kayah State	11190.417	-	-	11190.417	11311.706	0.101	-	11311.807
Kayin State	16431.195	2.989	-	16434.184	35643.839	16.079	-	35659.918
Chin State	13438.514	-	482.332	13920.846	43700.485	12.979	1532.409	45245.873
Sagaing Region	48113.404	0.789	-	48114.193	79445.302	15.412	-	79460.714
Tanintharyi Region	20428.984	0.023	-	20429.007	64568.981	4.029	-	64573.010
Bago Region	31437.607	5.259	-	31442.866	50260.690	28.417	-	50289.107
Magway Region	37545.873	139.673	-	37685.546	71189.715	6.970	-	71196.685
Mandalay Region	61526.641	17379.835	3734.920	82641.396	89948.735	33647.537	1121.661	124717.933
Mon State	21355.630	193.662	-	21549.292	30012.896	107.818	-	30120.714
Rakhine State	25459.175	-	612.906	26072.081	48028.232	-	754.871	48783.103
Yangon Region	109998.416	53598.334	-	163596.750	195217.282	117958.060	39.775	313215.117
Shan State	78316.129	49.020	-	78365.149	143906.234	28.804	1225.741	145160.779
Ayeyawady Region	54928.227	0.607	-	54928.834	82202.990	17.791	-	82220.781
Total	558766.973	71370.286	4830.158	634967.417	1062813.264	151847.720	4674.457	1219335.441
Grant from Union	498280.351	-	-	498280.351	1340625.086	-	-	1340625.086
Loan from Union	-	-	-	-	-	-	-	-
Total	498280.351	-	-	498280.351	1340625.086	-	-	1340625.086

TABLE17.07 REVENUE OF THE STATES AND REGIONS (concl'd)
Years 2013/2014-2015/2016, absolute values in kyat millions

States / Regions	2015-2016 (P.A)			
	Current	Capital	Financial	Total
Grand total				
Kachin State	15303.661	86.820	-	15390.481
Kayah State	7368.486	8.472	-	7376.958
Kayin State	8929.848	85.616	-	9015.464
Chin State	5409.584	181.285	2296.115	7886.984
Sagaing Region	33770.276	17.475	-	33787.751
Tanintharyi Region	11904.850	0.701	-	11905.551
Bago Region	45391.647	727.328	63.365	46182.340
Magway Region	25289.472	204.238	-	25493.710
Mandalay Region	94261.677	47379.374	-	141641.051
Mon State	16246.211	288.405	629.479	17164.095
Rakhine State	12915.811	0.057	-	12915.868
Yangon Region	219299.982	134790.082	2815.336	356905.400
Shan State	48451.570	3.672	-	48455.242
Ayeyawady Region	29401.637	1022.140	-	30423.777
Total	573944.712	184795.665	5804.295	764544.672
Grant from Union	-	-	-	-
Loan from Union	-	-	-	-
Total	-	-	-	-

Source: Budget Department.

TABLE 17.08 EXPENDITURE OF THE STATES AND REGIONS
Years 2013/2014-2015/2016, absolute values in Kyat millions

States / Regions	2013-2014				2014-2015			
	Current	Capital	Financial	Total	Current	Capital	Financial	Total
Total	764472.790	470637.255	5879.415	1240989.460	1437121.607	1259603.015	4422.942	2701147.564
Kachin State	37042.257	20954.247	-	57996.504	160518.505	106267.695	-	266786.200
Kayah State	18450.781	8898.289	-	27349.070	23868.628	32269.908	-	56138.536
Kayin State	26437.421	8739.450	-	35176.871	53133.915	49778.232	-	102912.147
Chin State	23639.187	21846.383	482.332	45967.902	50730.391	91170.374	1532.409	143433.174
Sagaing Region	90781.818	21251.212	-	112033.030	192497.813	62293.343	-	254791.156
Tanintharyi Region	23583.802	26051.736	-	49635.538	138685.188	53891.657	-	192576.845
Bago Region	47999.068	25269.752	-	73268.820	83263.393	46060.976	-	129324.369
Magway Region	74763.175	57410.933	-	132174.108	120197.390	96089.207	-	216286.597
Mandalay Region	73347.459	38392.993	3917.722	115658.147	93949.357	81877.120	-	175826.477
Mon State	25688.173	10584.021	-	36272.194	29835.349	35705.868	-	65541.217
Rakhine State	72883.916	22452.043	612.906	95948.865	96617.082	102189.492	754.871	199561.445
Yangon Region	78705.775	114044.862	866.455	193617.092	125661.808	239669.359	909.921	366241.088
Shan State	112203.517	51105.452	-	163308.969	177493.542	189368.151	1225.741	368087.434
Ayeyawady Region	58946.441	43635.882	-	102582.323	90669.246	72971.633	-	163640.879

TABLE 17.08 EXPENDITURE OF THE STATES AND REGIONS (concl'd)
Years 2013/2014-2015/2016, absolute values in Kyat millions

States/ Regions	2015-2016 (P.A)			
	Current	Capital	Financial	Total
Total	897688.353	1489136.556	4081.624	2390906.533
Kachin State	67636.023	90889.780	-	158525.803
Kayah State	14743.353	37210.731	-	51954.084
Kayin State	21440.481	53677.814	-	75118.295
Chin State	29698.587	96304.706	2296.115	128299.408
Sagaing Region	103913.832	92088.978	-	196002.810
Tanintharyi Region	85171.700	65386.467	-	150558.167
Bago Region	67024.594	87732.493	63.365	154820.452
Magway Region	61817.397	94900.091	-	156717.488
Mandalay Region	125634.470	114142.496	200.000	239976.966
Mon State	48141.691	32982.071	629.479	81753.241
Rakhine State	33218.074	111237.970	-	144456.044
Yangon Region	114059.970	356256.218	892.665	471208.853
Shan State	75441.811	170129.514	-	245571.325
Ayeyawady Region	49746.370	86197.227	-	135943.597

Source: Budget Department.

METHODOLOGY SHEET | **Grants and Technical Assistants**

Responsible Unit (Service or Structure)	Foreign Economic and Relation Department
Level of Disaggregation	Union
Study Variables	Union
Classification Variables	Negotiate Projects and Implementing Projects
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Yearly
Units	Project
Tables	17.09, 17.10, 17.11, 17.12

TABLE 17.09 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE NEGOTIATION IN MINISTRIES, ORGANIZATIONS, COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS
Absolute values in US \$ millions

Ministries	Project	Amount (US\$ Million)
Total	64	610.613
Ministry of Construction	5	264.229
Ministry of Agriculture, Livestock and Irrigation	27	258.510
Ministry of Resources and Environmental Conservation	18	50.183
Ministry of Social Welfare, Relief and Resettlement	6	16.321
Ministry of Education	2	12.050
Mandalay City Development Committee	1	4.000
Ministry of Health and Sports	2	3.000
Ministry of Transport and Communications	1	1.620
Yangon City Development Committee	2	0.700

Source : Foreign Economic and Relation Department.

TABLE 17.10 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN MINISTRIES, ORGANIZATIONS, COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS
Absolute values in US \$ millions

Ministries	Completed			Implementing			Total		
	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)
Total	363	304.100	278.695	621	3314.198	1449.024	984	3618.297	1727.719
Ministry of Transport and Communications	2	22.999	17.999	16	673.068	347.269	18	696.067	365.268
Ministry of Agriculture, Livestock and Irrigation	32	49.604	31.625	116	480.242	218.635	148	529.846	250.260
Ministry of Education	5	21.557	24.385	73	472.753	69.459	78	494.310	93.844
Ministry of Construction	4	4.123	4.123	11	463.978	54.705	15	468.101	58.828
Ministry of Social Welfare, Relief and Resettlement	-	-	-	54	425.858	417.835	54	425.858	417.835
Ministry of Border Affairs	5	22.840	23.089	16	224.583	125.469	21	247.423	148.558
Ministry of Health and Sports	269	92.529	92.958	139	112.983	77.326	408	205.512	170.284
Ministry of Resources and Environmental Conservation	15	11.839	11.360	67	87.841	27.130	82	99.680	38.490
Ministry of Planning and Finance	3	0.740	0.709	32	86.625	12.584	35	87.365	13.293
Ministry of Electrical and Energy	1	54.019	48.613	14	30.219	2.010	15	84.238	50.623
Ministry of Labour, Immigration and Population	12	0.556	0.556	10	59.751	51.708	22	60.307	52.264
Ministry of Industry	1	2.187	2.187	13	41.458	20.010	14	43.645	22.197
Yangon City Development Committee	2	16.090	16.090	4	19.395	1.367	6	35.485	17.457
Ministry of Home Affairs	6	0.816	0.817	3	33.341	8.905	9	34.157	9.722
Mandalay City Development Committee	-	-	-	5	33.896	-	5	33.896	0.000
Ministry of Information	1	0.799	0.784	6	30.186	0.108	7	30.985	0.892
Ministry of Commerce	4	3.351	3.351	4	17.335	7.323	8	20.686	10.674
Ministry of Hotels and Tourism	-	-	-	9	13.350	4.486	9	13.350	4.486
Ministry of Religious Affairs and Culture	-	-	-	4	5.305	1.785	4	5.305	1.785
Union Auditoral	-	-	-	6	1.200	0.081	6	1.200	0.081
Ministry of Foreign Affairs	1	0.050	0.050	3	0.830	0.830	4	0.880	0.880
Union Attorney	-	-	-	16	-	-	16	TA	TA

TABLE 17.10 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN MINISTRIES, ORGANIZATIONS, COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS (CONCL'D)
Absolute values in US \$ millions

Ministries	Completed			Implementing			Total		
	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)
Ministry of Rail Transportation	-	-	-	3	36.292	4.948	3	36.292	4.948
Mandalay City Development Committee	1	0.150	TA	5	33.896	-	6	34.046	-
Ministry of Industry	3	3.978	3.978	12	27.698	9.596	15	31.676	13.574
Ministry of Culture	8	20.289	20.505	7	5.727	3.041	15	26.016	23.546
Ministry of Sports	5	25.300	25.295	-	-	-	5	25.300	25.295
Ministry of Commerce	5	0.335	0.335	8	20.738	5.420	13	21.073	5.755
President's Office	-	-	-	1	20.000	-	1	20.000	0.000
Yangon City Development Committee	-	-	-	2	18.028	-	2	18.028	0.000
Ministry of Hotel and Tourism	2	0.242	0.242	9	14.243	-	11	14.485	0.242
Ministry of Labour and Employment and Social Security	8	0.309	0.309	6	10.411	3.686	14	10.720	3.995
Ministry of Information	1	0.799	0.784	4	5.294	0.108	5	6.093	0.892
Ministry of National Planning and Economic Development	6	2.030	2.030	11	1.650	0.630	17	3.680	2.660
Ministry of Energy	1	1.500	1.500	1	1.750	1.250	2	3.250	2.750
Ministry of Foreign Affairs	8	2.340	0.631	4	0.814	-	12	3.154	0.631
Union Auditoral	-	-	-	6	1.200	0.013	6	1.200	0.013
Ministry of Mine	1	0.210	0.210	3	0.848	0.056	4	1.057	0.265
Union Civil Service Board	3	0.200	0.200	-	-	-	3	0.200	0.200
Union Attorney	-	-	-	7	TA	TA	7	TA	TA

Source: Foreign Economic and Relation Department.

TABLE 17.11 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE NEGOTIATION IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS
Absolute values in US \$ millions

Country/ Organization	Project	Amount (US\$ Million)
Total	64	610.613
India	1	245.000
Japan	14	168.515
China	6	20.738
Korea	4	10.000
France	3	8.606
USA	2	6.500
UK	1	5.084
Cambodia	1	3.071
Australia	2	1.180
Canada	1	TA
Multilateral	2	5.500
INGOs	15	78.358
UN	12	58.061

Source: Foreign Economic and Relation Department.

TABLE 17.12 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS
March, 2011 to End of February, 2016, absolute values in US \$ millions

Ministries	Completed			Implementing			Total		
	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)
Grant Total	363	304.100	278.695	621	3314.198	1449.024	984	3618.297	1727.719
Japan	15	113.108	94.522	94	997.031	365.977	109	1110.138	460.499
India	-	-	-	12	413.343	12.335	12	413.343	12.335
Korea	11	8.518	3.555	31	202.190	58.588	42	210.708	62.144
Germany	3	2.196	2.196	20	124.109	22.798	23	126.305	24.994
China	5	3.471	5.499	7	99.747	26.417	12	103.218	31.916
Thailand	1	0.603	0.603	4	50.970	7.867	5	51.573	8.470
Switzerland	6	3.159	0.664	8	36.804	21.971	14	39.962	22.635
Australia	3	2.095	2.095	13	37.720	8.394	16	39.815	10.490
Norway	-	-	-	11	33.014	4.923	11	33.014	4.923
France	1	1.220	1.220	5	17.943	1.768	6	19.163	2.988
Sweden	1	17.999	17.999	-	-	-	1	17.999	17.999
EU	-	-	-	4	13.557	4.500	4	13.557	4.500
Italy	3	1.667	1.667	9	8.127	3.254	12	9.794	4.921
Netherland	-	-	-	4	7.575	1.806	4	7.575	1.806
Demark	-	-	-	2	6.000	0.076	2	6.000	0.076
Luxembourg	1	0.005	0.005	1	5.467	2.449	2	5.472	2.454
USA	-	-	-	10	2.727	2.000	10	2.727	2.000
Newzealand	-	-	-	3	2.415	3.264	3	2.415	3.264
Finland	-	-	-	1	0.800	0.041	1	0.800	0.041
Belgium	-	-	-	1	0.300	-	1	0.300	0.000
UK	2	0.128	0.107	4	0.050	0.020	6	0.178	0.127
Brazil	-	-	-	1	0.168	0.122	1	0.168	0.122
Singapore	-	-	-	6	-	-	6	TA	TA
Bilateral Total	52	154.169	130.132	251	2060.057	548.572	303	2214.225	678.703

TABLE 17.12 SUMMARY OF PROJECTS GRANTS AND TECHNICAL ASSISTANTS THAT ARE IMPLEMENTING IN COUNTRIES, UNITED NATIONS AND NON-GOVERNMENT ORGANIZATIONS (CONCL'D)
March, 2011 to End of February, 2016, absolute values in US \$ millions

Ministries	Completed			Implementing			Total		
	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)	Project	Amount (US\$ Million)	Disbursement (US\$ Million)
World Bank	3	0.292	0.261	14	162.296	88.862	17	162.587	89.123
ADB	3	3.359	3.359	20	47.057	14.245	23	50.416	17.604
IFAD	1	0.300	0.298	1	0.500	0.473	2	0.800	0.771
IFC	-	-	-	2	-	-	2	TA	TA
Multilateral Total	7	3.951	3.918	37	209.853	103.580	44	213.803	107.498
UN Agencies	266	83.188	84.061	191	392.643	221.959	457	475.831	306.020
INGOs	32	58.878	56.671	140	649.436	573.867	172	708.314	630.538
Other	6	3.914	3.914	2	2.209	1.047	8	6.123	4.961
UN/INGOs/ Other	304	145.980	144.646	333	1044.288	796.873	637	1190.268	941.519

Source: Foreign Economic and Relation Department.

METHODOLOGY SHEET | **Banking and Financial Markets**

Responsible Unit (Service or Structure)	Central Bank of Myanmar, Financial Regulatory Department.
Level of Disaggregation	Union
Study Variables	Banking, Bond Markets, Foreign Exchange Markets and Survey
Classification Variables	Money Supply, People's Savings, Government Treasury Bonds, Interest rates, Central Bank Survey, State Owned Bank and Private Bank Survey, Foreign Exchange Reserve and Broad Money Survey, Financial and Microfinance Institutions.
Type of Dissemination	Publication (Book and CD Rom), online databanks
Frequency of Dissemination	Yearly
Frequency of Data Collection	Monthly, Yearly
Units	Central Bank Of Myanmar and Other Banks Branches
Tables	17.13, 17.14, 17.15, 17.16, 17.17, 17.18, 17.19, 17.20., 17.21, 17.22, 17.23, 17.24

TABLE 17.13 MONEY SUPPLY

Years 2012-2016, absolute values in kyat millions

End of Year	Total	Currency in Circulation	Demand Deposits		
			State Owned Banks	Private Banks	Foreign Banks
2012	7735345	5856760	1086366	792219	-
2013	9610044	6949178	1453382	1207484	-
2014	10918078	7622777	1594865	1700436	-
2015	14395987	9392454	2503381	2404212	95940
2016	14496433	9601778	1641280	2595367	658008

Notes: 1. Money supply consists of currency in circulation and demand deposits.
2. Demand deposits exclude government deposits.

Source: Central Bank of Myanmar.

TABLE 17.14 PEOPLE'S SAVINGS

Years 2012-2016, absolute values in kyat millions

End of Year	Total	Savings Deposits			Savings Certificates		Time Deposits			Other Deposits		
		State Owned Banks	Private Banks	Foreign Banks	State Owned Banks	Private Banks	State Owned Banks	Private Banks	Foreign Banks	State Owned Banks	Private Banks	Foreign Banks
2012	8497106	2127408	4964417	-	31265	-	30730	131355	-	1133028	78903	-
2013	11723478	2391736	6870730	-	41926	-	39926	666966	-	1572230	139964	-
2014	14886287	2610153	8187775	-	46398	-	53920	2113802	-	1548303	325936	-
2015	19323330	3320417	9572674	161489	47465	-	74078	4379018	23591	1351225	393373	-
2016	25106524	3622942	12344702	249052	55103	-	151296	7249872	425297	648634	359626	-

Source: Central Bank of Myanmar.

TABLE 17.15 GOVERNMENT TREASURY BONDS (Non-Auction)

Years 2011/2012-2016/2017, absolute values in kyat millions

Particulars	Year	Total Sales	Discharged	Amount held by		
				Outstanding	Public	Private Enterprises
Two-year Bonds	2011-2012	291117.46	1401.08	342440.19	51740.19	290700.00
	2012-2013	172685.55	51322.73	463803.01	68503.01	395300.00
	2013-2014	436487.60	291117.46	609173.15	78573.15	530600.00
	2014-2015	79775.50	172685.55	516263.10	85613.10	430650.00
	2015-2016	285814.69	436487.60	365590.19	38940.19	326650.00
	2016-2017	-	24775.50	340814.69	14814.69	326000.00
Three-year Bonds	2011-2012	56421.39	87780.30	736920.67	2680.37	734240.30
	2012-2013	347138.51	598470.66	485588.52	5088.52	480500.00
	2013-2014	154224.92	82028.62	557784.82	104434.82	453350.00
	2014-2015	68161.64	56421.39	569525.07	109475.07	460050.00
	2015-2016	310912.8	347138.51	533299.36	111649.36	421650.00
	2016-2017	-	143274.92	390024.44	12374.44	377650.00
Five-year Bonds	2011-2012	283856.93	15591.43	758724.72	11812.72	746912.00
	2012-2013	348838.7	23550.22	1084013.2	14901.2	1069112.00
	2013-2014	594027.79	41452.66	1636588.33	21011.33	1615577.00
	2014-2015	276625.67	98529.25	1814684.75	25154.75	1789530.00
	2015-2016	212489.55	311335.66	1715838.64	30488.64	1685350.00
	2016-2017	-	262356.93	1453481.71	25131.71	1428350.00

Sources: 1. Financial Market Department.
2. Central Bank of Myanmar.**TABLE 17.16 GOVERNMENT TREASURY BONDS (Auction)**

Years 2016/2017, absolute values in kyat millions

Sr. No	Date	Auction No.	Term	Successful		Total
				Competative	Non-Competative	
1	20.9.2016	BG0001	1 Yesr 7 Months 23 days	120,000	80,000	200,000
2	18.10.2016	BG0002	1 Yesr 6 Months 26 days	120,000	-	120,000
3	15.11.2016	BG0003	2 Yesrs 5 Months 28 days	96,500	325,800	422,300
4	20.12.2016	BG0004	2 Yesrs 4 Months 24 days	97,370	200,000	297,370
5	17.1.2017	BG0005	3 Yesrs 3 Months 27 days	19,800	-	19,800
6	21.2.2017	BG0006	3 Yesrs 2 Months 22 days	4,400	115,600	120,000
7	21.3.2017	BG0007	3 Yesrs 1 Months 22 days	10,200	10,000	20,200

Sources: 1. Financial Market Department.
2. Central Bank of Myanmar.

TABLE 17.17 INTEREST RATES

Years 2011-2016, percent per annum

Particulars	2011	2012	2013	2014	2015	2016
Central bank rate	12.00	10.00 ^{2/}	10.00	10.00	10.00	10.00
Treasury bills and bonds						
1. Three month treasury bills	4.00	4.00 ^{2/}	4.00	4.00	4.00	4.00
2. Two year treasury bonds	10.50	8.75 ^{2/}	8.75	8.75	8.75	8.75
3. Three year treasury bonds	11.00	9.00 ^{2/}	9.00	9.00	9.00	9.00
4. Five year treasury bonds	11.50	9.50 ^{2/}	9.50	9.50	9.50	9.50
Deposit rates						
1. Call deposits	*	*	*	*	*	*
2. Fixed deposits						
a. Three months	10.00-12.00 ^{1/}	8.00-10.00 ^{2/}	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
b. Six months	10.00-12.00 ^{1/}	8.00-10.00 ^{2/}	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
c. Nine months	10.00-12.00 ^{1/}	8.00-10.00 ^{2/}	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
3. Savings bank accounts						
a. Basic rate	10.00-12.00 ^{1/}	8.00-10.00 ^{2/}	8.00-10.00	8.00-10.00	8.00-10.00	8.00-10.00
b. Premium on three-year minimum balance	-	-	-	-	-	-
4. Savings certificates (Twelve-year maturity)	12.00	9.00 ^{2/}	9.00	9.00	9.00	9.00
Lending rates						
1. State economic enterprises						
a. Working capital loans	-	-	-	-	-	-
b. Financial loans	-	-	-	-	-	-
c. Term loans	-	-	-	-	-	-
2. Co-operatives						
a. Working capital loans	15.00 ^{1/}	13.00 ^{2/}	13.00	13.00	13.00	13.00
b. Term loans	-	-	-	-	-	-
c. Paddy loans	-	-	-	-	-	-
3. Private sector						
a. Agriculture						
i. To village banks	-	-	-	-	-	-
ii. To farmers	15.00 ^{1/}	8.50 ^{3/}	8.50	5.00 ^{4/}	5.00	8.00 ^{6/}
b. Car purchase loans	-	-	-	-	-	-
c. House repair and other loans	-	-	-	-	-	-
d. Small personal loans	36.00	36.00	36.00	30.00 ^{5/}	30.00	30.00
e. Trade						
i. Working capital loans	15.00 ^{1/}	13.00 ^{2/}	13.00	13.00	13.00	13.00
ii. Term loans	15.00 ^{1/}	13.00 ^{2/}	13.00	13.00	13.00	13.00

Notes: * No. transaction for call deposits effective from 1st October, 2003.

Source: Central Bank of Myanmar.

** Effective from October 2, 2014, Interest rate for call deposits is based on the respective banks.

1/. Effective from 1st September, 2011. 2/. Effective from 1st January, 2012.

3/. Effective from 1st June, 2012. 4/. Effective from 1st June, 2014.

5/. Effective from 1st September, 2014. 6/. Effective from 1st April, 2016.

TABLE 17.18 CENTRAL BANK SURVEY

December 2011-December 2016, absolute values in kyat millions

Particulars	Dec-2011	Dec-2012	Dec-2013	Dec-2014	Dec-2015	Dec-2016
ASSETS						
Net Foreign Assets	-1580	1203529	3074343	4126556	5778493 *	6481070
1. Claims on Nonresidents	3096 *	2144303	3910152	4826805 *	6270743 *	6945333
2. Liabilities to Nonresidents	4677 *	940774	835809	700249 *	492250 *	464263
Claims on Other Depository Corporations	42436	677362	909477	819789	673136	701688
Net Claims on Central Government	6983135	6759248	7162657	7157170	10064927 *	11342357
1. Claims on Central Government	6983135	6759249	7163336	7167062	10325221 *	11774965
2. Liabilities to Central Government	0	1	679	9892	260294	432608
Claims on Other Sectors	0	0	0	0	0	0
1. Claims on Other Financial Corporations	0	0	0	0	0	0
2. Claims on State and Local Government	0	0	0	0	0	0
3. Claims on Public Nonfinancial Corporations	0	0	0	0	0	0
4. Claims on Private Sector	0	0	0	0	0	0
LIABILITIES						
Monetary base	6671838	8366594	10050006	10471951	13648485 *	15230204
1. Currency in Circulation	5600838	6652061	7988109	9054101	11173812	11686707
2. Liabilities to Other Depository Corporations	1071000	1714533	2061882	1417805	2474628 *	3543417
3. Liabilities to Other Sectors	0	0	15	45	45	80
Other Liabilities to Other Depository Corporations	0	43730	50000	180100	280000	193300
Deposits and Securities Other Than Shares	0	0	0	0	0	0
Excluded From Monetary Base						
1. Deposits Included in Broad Money	0	0	0	0	0	0
2. Securities Other Than Shares Included in Broad Money	0	0	0	0	0	0
3. Deposits Excluded from Broad Money	0	0	0	0	0	0
4. Securities Other Than Shares Excluded From Broad Money	0	0	0	0	0	0
Loans	0	0	0	0	0	0
Financial Derivatives	0	0	0	0	0	0
Shares and Other Equity	379916	969028	1498694	1903278	2682607	3193169
Other Items(Net)	-27763	-739213	-452223	-451814	-94536	-91558

Note: * Revised data in accordance with the IMF's Standardized Report Form.

Source: Central Bank of Myanmar.

TABLE 17.19 STATE OWNED BANKS AND PRIVATE BANKS' SURVEY

December 2011-December 2016, absolute values in kyat millions

Particulars	Dec-2011	Dec-2012	Dec-2013	Dec-2014	Dec-2015	Dec-2016
ASSETS						
Net Foreign Assets	26133	4331901	2517131	3334667	4614449 *	2982939
1. Claims on Nonresidents	47328	5085410	5690305	6398457	8222216	6226775
2. Liabilities to Nonresidents	21195	753509	3173174	3063790	3607767 *	3243836
Claims on Central Bank	1430467 *	2249558 *	2831617 *	2507977 *	4982828	5566974
1. Currency	468234	795301	1038931	1431324	1781358	2084928
Other Than Shares	962233 *	1232248 *	759170 *	-917192 *	3042260	3405843
3. Other Claims on Central Bank	0	222009	1033516	1993845	159210	76203
Net Claims on Central Government	2658999	-2477955	-591004	-831299	-1115029	706046
1. Claims on Central Government	3770418	4247151	9208225	12964900	13587297	15772714
2. Liabilities to Central Government	1111419	6725106	9799229	13796199	14702326	15066668
Claims on Other Sectors	3158264	7364321	8947509	12559413	15243017	19283890
1. Claims on Other Financial Corporations	2203	1698	10	10	21293	70455
2. Claims on State and Local Government	12375	142254	477609	1031182	1178432	937542
3. Claims on Public Nonfinancial Corporations	19403	2447995	1022050	1388297	886737	749115
4. Claims on Private Sector	3124283	4772374	7447840	10139924	13156555	17526778
LIABILITIES						
Liabilities to Central Bank	50399 *	146100 *	138190 *	243380 *	0	0
Transferable Deposits Included in Broad Money	1570214	1878585	2660851	3295256	5003488	4894575
Other Deposits Included in Broad Money	5542634	8497106	11723478	14886287	19323330	25106524
Included in Broad Money	0	0	0	0	0	0
Deposits Excluded From Broad Money	23	22	32	57	10	464
Securities Other Than Shares	0	0	0	0	0	0
Excluded From Broad Money	0	0	0	0	0	0
Loans	0	0	0	0	0 *	0
Financial Derivatives	0	0	0	0	0	0
Insurance Technical Reserves	0	0	0	0	0	0
Shares and Other Equity	333812	2319138	1025197	1260709	2801074	3820434
Other Items(Net)	-223219	-1373126	-1842495	-2114931	-3402637	-5282148

Note: * Revised data in accordance with the IMF's Monetary Statistics Technical Assistance Mission during May, 2016.

Source: Central Bank of Myanmar.

TABLE 17.20 FOREIGN EXCHANGE RESERVES

As of December 31, Years 2005,2010, 2012-2016, absolute values in kyat millions

Year	Total	Foreign Exchange	
		Gold	Foreign Currency
2005	5302.33	708.36	4593.97
2010	32953.33	1799.94	31153.39
2012	6258254.44	330681.84	5927572.60
2013	8721938.93	279097.47	8442841.46
2014	9820677.13	288152.33	9532524.80
2015	12286362.65	324943.98	11961418.67
2016	11840426.37	370013.96	11470412.41

Source: Central Bank of Myanmar.

TABLE 17.21 BROAD MONEY SURVEY

December 2011-December 2016, absolute values in kyat millions

Particulars	Dec-2011	Dec-2012	Dec-2013	Dec-2014	Dec-2015	Dec-2016
ASSETS						
Net Foreign Assets	24553	5535430	5591475 *	7461223 *	10392942 *	9464010 *
Domestic Claims	12800398 *	11645614 *	15519162 *	18885284 *	24192916 *	31332293 *
1.Net Claims on Central Government	9642134 *	4281293 *	6571653 *	6325871 *	8949898 *	12048403 *
2.Claims on Other Sectors	3158264 *	7364321 *	8947509 *	12559413 *	15243018	19283890
2.1. Claims on Other Financial Corporations	2203	1698	10	10	21294	70455
2.2. Claims on State and Local Government	12375 *	142254 *	477609 *	1031182 *	1178432	937542
2.3. Claims on Public Nonfinancial Corporations	19403 *	2447995 *	1022050 *	1388297 *	886737	749115
2.4. Claims on Private Sector	3124283	4772374	7447840	10139924	13156555	17526778
LIABILITIES						
Broad Money Liabilities	12245452 *	16232451 *	21333523 *	25804365 *	33719317	39602958
1.1.Currency Outside Depository Corporations	5132604	5856760	6949178	7622777	9392454	9601778
1.2. Transferable Deposits	1570214 *	1878585 *	2660867 *	3295301 *	5003533	4894655
1.3 Other Deposits	5542634	8497106 *	11723478 *	14886287 *	19323330	25106524
1.4.Securities Other Than Shares	0	0	0	0	0	0
Deposits Excluded from Broad Money	23	22	32	56	11	464
Loans	-	-	-	-	0 *	0
Financial derivatives	-	-	-	-	0	0
Insurance technical reserves	-	-	-	-	0	0
Shares and Other Equity	713728	3288167 *	2523891 *	3163987 *	5483681	7013604
Other Items (Net)	-134252	-2339596	-2746809 *	-2621901 *	-4617151 *	-5820723 *

Note: * Revised data in accordance with the IMF's Standardized Report Form.

Source: Central Bank of Myanmar.

TABLE 17.22 NUMBER OF FINANCIAL INSTITUTIONS

As end of August 2017, absolute values

Particular	Headquarter	Branches
Total	108	1574
State-owned Banks	4	-
Domestic Private Banks	24	1574
Foreign Bank Branches	13	-
Finance Companies	19	-
Foreign Bank Representative Offices	48	-

Source: Central Bank of Myanmar.

TABLE 17.23 NUMBER OF MICROFINANCE INSTITUTIONS

As end of August 2017, absolute values

Particular	Head Offices	Branches
Total	168	340
INGO	5	21
NGO	22	35
Local Company	103	104
Foreign Company	35	176
Joint Venture	3	4

Source: Financial Regulatory Department.

TABLE 17.24 NUMBER OF INSURANCE COMPANIES

As end of August 2017, absolute values

Particular	Head Offices	Branches
Total	12	81
State Owned	1	39
Local Private Company	11	42
Foreign Representative Office	26	-

Source: Financial Regulatory Department.

Glossary

Glossary

CHAPTER 1. CLIMATE, TERRITORY AND POPULATION

Ageing index

The number of persons 60 years old or over per hundred persons under age 15.

Catastrophic Occurrences, Losses and Relief

The Relief and Resettlement Department provides relief assistance in cash or/and in kind to those who suffered from natural and manmade disasters such as fire, floods, cyclone, earthquake, thunderstorm, landslide, conflict and others. The provision of assistance is based on the amount destructions which are confirmed by the local administrative authorities or/and regional the Relief and Resettlement Department.

Causes of Fire and Losses

Fire Services Department reports every month on its activities to the Ministry of Home Affairs for information and extension of relief to the victims.

Child Dependency Ratio

The ratio of child population (people younger than 15 years) to the productive-age population(aged 15-64).

Dependency ratio

The number of dependent population per 100 working-age population.

District

States and Regions are divided into districts, which in turn are subdivided into townships then towns, wards and villages.

Foreigners residing

A person who is not a citizen of Myanmar in which he or she is residing or temporarily staying.

Mean Maximum Temperature

The average daily maximum air temperature, for each month and as an annual statistics, calculated over all years of record.

Mean Minimum Temperature

The long-term average daily minimum air temperature observed during a calendar month and over the year.

Mean Relative Humidity Percent

Humidity is the amount of water vapor in the air. Relative humidity, expressed as a percent, measures the current absolute humidity relative to the maximum (highest point) for that temperature.

Mean Temperature

The average daily maximum and maximum air temperature, for each month and as an annual statistics, calculated over all years of record.

Monthly Mean Temperature

The average of the mean monthly maximum and minimum temperatures.

Old Age Dependency Ratio

People older than 64--to the working-age population-(aged 15-64). Data are shown as the proportion of dependents per 100 working-age population.

Population density

The Population density relates to the number of person in a give administrative area to the surface of the area, expressed in square kilometers (Km2).

Rainfall

The amount of water falling in rain, snow, etc., within a given time and area, usually expressed as a hypothetical depth of coverage.

Region

It is a specific area defined by having its own characteristics.

Relative Humidity Percent

Humidity is the amount of water vapor in the air. Relative humidity, expressed as a percent, measures the current absolute humidity relative to the maximum (highest point) for that temperature.

Rural Area

Areas classified by the General Administration Department as village tracts. Generally they are areas with low population density and a land use which is predominantly agricultural.

State

The territory occupied by one of the constituent administrative districts of nation.

Total Dependency Ratio

A measure of the portion of a population which is composed of dependents (people who are too young or too old to work). It's equal to the number of people aged below 15 or above 64 divided by the number of individuals aged 15 to 64, expressed as a percentage. It is the sum of the youth dependency ratio and the old-age dependency ratio.

Total Population

It is based on the de facto definition of population, which counts all persons who were within the borders of Myanmar on the night of 29th March 2014 (Census Night). All Myanmar people working in its embassies abroad and their families were counted in the census. The estimates of people who were not enumerated in a few areas in Shan State, Kachin State and Kayin State in the census.

Town

An urban area with a fixed boundary that is smaller than a city or any more urbanized center than the place of reference.

Township

An administrative division of a country.

Urban Area

Areas classified by the General Administration Department as wards. Generally these areas have an increased density of building structures, population and better infrastructural development.

Village

The region where the boundary is stipulated and formed under the Ward or Village Tract Administration Law which is not included in the estate within the relevant town boundary.

Village Tract

It is a group of adjacent villages.

Ward

A division or district of a city or town, as for administrative or political purposes.

CHAPTER 2. HEALTH AND SOCIAL WELFARE

Certified Veterinarian

A person who has been certified and is employed by a licensed veterinarian.

Child Malnourishment: NCHS and WHO Standards

Recently, the World Health Organization (WHO) introduced new child growth standards for use in deriving indicators of nutritional status, such as stunting, wasting and underweight. These standards are based on the growth of infants from six different regions of the world who were fed according to WHO and United Nations Children's Fund (UNICEF) feeding recommendations, had a non-smoking mother, had access to primary health care and did not have any serious constraints on health during infancy or early childhood.^{3–6} It is recommended that these new growth standards replace the previously recommended international growth reference devised by the National Center for Health Statistics (NCHS) in the United States. The prevalence of malnutrition estimated using WHO standards is expected to differ from that based on the NCHS growth reference because there are differences in median weight-for-age, height-for-age and weight-for-height between the two. (<http://www.who.int/bulletin/volumes/88/1/08-057901/en/>)

Development of Border Area and National Races

Progress of Border Areas and National Races Department to carry out development program in the border areas- 21 regions. They are (1) Kachin state (2) Kayah state (3) Kayin state (4) Chin state (5) Mon state (6) Rakhine state (7) Shan state (8) Pa-O self Administered Zone (9) Palaung self Administered Zone (10) Danu self Administered Zone (11) Kokaung self Administered Zone (12) Wa self Administered Zone (13) Sagaing region (14) Naga self Administered Zone (15) Tanintharyi region (16) Bago region (17) Yangon region (18) Ayeyarwady region (19) Mandalay region (20) Magway region and (21) Naypyitaw.

Fatality Rate

Ratio of deaths in an area to the population of that area; expressed per 1,000, per year.

Health Structures

They are articulated in General and Specialist Hospitals, Dispensaries, Health Centers by Region, State and Township level.

Indigenous Medical Practitioner

A person whose primary employment role is to diagnose physical and mental illnesses, disorders and injuries. He prescribes medications and treatments based on the theories, beliefs, and experiences indigenous of traditional medicine that promote or restore good health.

International Classification of Diseases

The International Classification of Diseases (ICD) is the standard diagnostic tool for epidemiology, health management and clinical purposes. It includes the analysis of the general health situation of population groups. It is used to monitor the incidence and prevalence of diseases and other health problems, proving a picture of the general health situation of countries and populations. All Member States use the ICD, which has been translated into 43 languages. Most countries (117) use the system to report mortality data, a primary indicator of health status. ICD-10 was endorsed by the Forty-third World Health Assembly in May 1990 and came into use in WHO Member States as from 1994. ICD is currently under revision, through an ongoing Revision Process, and the release date for ICD-11 is 2018. <http://www.who.int/classifications/icd/en/>

Immunization, measles (% of children ages 12-23 months)

Child immunization measures the percentage of children aged 12-23 months who received vaccinations before 12 months or at any time before the survey. A child is considered adequately immunized against measles after receiving one dose of vaccine. (http://www.who.int/immunization/monitoring_surveillance/en/)

Iodized Salt Consumption Rate

Consumption of iodized salt refers to the percentage of households who use edible salt fortified with iodine.

Lady Health Visitor

She is a qualified nurse or midwife with post-registration experience who has undertaken further training and education in child health.

Public Health Supervisor

It is a highly responsible leadership and supervisory position within the Department of Public Health.

Social Welfare Establishment

The schools and centers run by the Department of Social Welfare provide various types of welfare services to those who are received in respective institutions. The Government establishes Women's Development Centers and Vocational Training Centers for Women to provide institutional care, health care, counseling, vocational training through income generation activities and teaching of 3Rs. In the training schools for boys and girls, orphans and abandoned ones are accepted. Some boys and girls aged over 5 years are handed from Residential Nurseries and some ones are admitted under the Child Law (1993). Children are given care, social support, formal education and vocational training. The Government also takes responsibility to rehabilitate the persons with disabilities. In the Vocational Training School for Adult person with disabilities, vocational trainings such as silk screen-printing, photography, TV repairing, computer training, carpentry and hair dressing are provided. The School for Children with disabilities accepted children of various types of disabilities such as amputees, children with Down's Syndrome, Paraplegic and children who are mentally retarded as well. Social Welfare services are implemented not only by Government but also by NGOs establishing schools and homes. Government provides grants-in-aids to those NGOs with rice, funds for food, clothes and salary of the administrators of the schools/homes every year according to the rules and regulations. Voluntary pre-primary schools are also provided with cash and technical assistance.

Social Protection Programs have been prioritized and implemented step by step for most vulnerable groups to protect and prevent from socio-economic risks and shocks as well as to promote for their well-being.

Volume of Government Insurance Business

Data are referred to the number of insurance policy, the amount of insured value and premium, the paid claims of main insurances written by the state-owned Myanmar Insurance. The Government started life insurance business on 1st January 1957, and all other insurances business, such as fire, marine, accidents, etc., on 1st October 1961. With a view to safeguarding the interest of general public, the Government introduced third party insurance scheme on 6th July, 1976. Formerly "Air Travel Insurance" was shown in a separate column. Now, it is incorporated under the "Miscellaneous" column since its role is getting smaller.

WHO Steps chronic disease risk factor surveillance, Myanmar Steps Survey.

It was carried out Step 1 and Step 2 in Myanmar from March 2009 to October 2010 by Department of Health. Socio demographic and behavioral information were collected in Step 1. Physical measurements such as height, weight and blood pressure were collected in Step 2. The STEPS survey, Myanmar 2009, was a population-based survey of respondents aged 15-64 years.

CHAPTER 3. VITAL STATISTICS

Age-Specific Fertility Rate (ASFR)

The age-specific fertility rate measures the annual number of births to women of a specified age or age group per 1,000 women in that age group. Unless otherwise specified, the reference period for the age-specific fertility rates is the calendar year.

Age Specific Mortality Rate (ASMR)

The age-specific mortality rate (ASMR), also called the age-specific death rate, for a given population, a given age, and a given year, refers to the number of deaths in that year to people of that age for every 1000 people of that age.

Cause-Specific Death Rate

Cause-specific death rate is the number of deaths from a specified cause per 100,000 person-years at risk. The numerator is typically restricted to resident deaths in a specific geographic area.

Crude Birth Rate (CBR)

The number of live births occurring in a population during a given period of time, usually a calendar year, i.e., the number of live births occurring among the population of given geographical area during a given year, per 1,000 mid-year total population of that area during the same year.

Crude Death Rate (CDR)

The number of deaths occurring in a population during a given period of time, usually a calendar year, i.e., the number of deaths occurring among the population of given geographical area during a given year, per 1,000 mid-year total population of that area during the same year.

Infant Mortality Rate (IMR)

The number of infant deaths occurring during the same period of time, usually a calendar year, i.e., the number of deaths of live-born children under 1 year of age occurring in a given geographical area during a given year, per 1,000 live births occurring among the population of that area during the same year.

Life Expectancy at birth

Life expectancy at birth is defined as the average number of years that a newborn could expect to live if he or she were to pass through life subject to the age-specific mortality rates of a given period.

Maternal Mortality Ratio (MMR)

The maternal mortality ratio (MMR) is the ratio of the number of maternal deaths during a given time period per 100,000 live births during the same time-period. A maternal death refers to a female death from any cause related to or aggravated by pregnancy or its management (excluding accidental or incidental causes) during pregnancy and childbirth or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy.

Natural Increase Rate

The rate of natural increase refers to the difference between the number of live births and the number of deaths occurring in a year, divided by the mid-year population of that year, multiplied by a factor (usually 1,000). It is equal to the difference between the crude birth rate and the crude death rate.

Total Fertility Rate (TFR)

Total fertility rate (TFR) in simple terms refers to total number of children born or likely to be born to a woman in her life time if she were subject to the prevailing rate of age-specific fertility in the population.

Under Five Mortality Rate (U5MR)

The under-five mortality rate is the probability (expressed as a rate per 1,000 live births) of a child born in a specified year dying before reaching the age of five if subject to current age-specific mortality rates.

CHAPTER 4. JUSTICE AND SECURITY

Crime

Offense for which the main penalty of imprisonment, fine and some accessory penalties (i.e. interdiction from Public Offices) are provided.

Prisoners

People sentenced under measures restricting freedom, held in prison in pre-trial detention or serving a sentence.

Traffic Accidents

The Vienna Convention of 1968 defines the accident as the fact that occurred in streets or squares open to traffic where vehicles(or animals) are involved still or moving , and from which they are derived injury. They exclude traffic accidents with only property damage.

CHAPTER 5. EDUCATION

B.Ed Correspondence course of the Education of the University of Education

Correspondence course in education is given to in-service graduate teachers by the University of Education. Enrolment in Arts, Science, Law and Economics is accepted in the Yangon University of Correspondence Education (which was established on 1967-1968 academic year) and Sagaing University of Education (which was opened in 2000-2001 academic-year). The University was formerly called B.Ed Correspondence Section.

Monastic Education

With the aim of providing the needy children and various parts of the country with education and enabling them to become culturally refined citizen, 1586 Monastic Education Schools have been opened in 248 townships, attended by a total of 24932 novices, 13911 nuns, 138554 boy-students and 132355 girl-students in the 2016-2017 academic year. Donations for Monastic Education are offered not only by people within the country but also by people from abroad.

Pupil Teacher ratio

The average number of pupils (students) per teacher as a specific level of education (primary, middle, high) in a given school-year.

The School System

It is divided into three levels: primary, middle, high. Data on Schools, Teachers and Students are presented by level, States and Regions.

The new system of Matriculation Examination was introduced in 2001-2002 school-year in order to enable students to study their preferred subject Combinations. Students are provided extensive and in-depth instruction of individual subjects and taught at International Level. They are required to take Myanmar, English and Mathematics as compulsory subjects and a combination of 3 subjects- Physics, Chemistry, Biology, Geography, History, Economics and Optional Myanmar – Constituting and 8 subjects combination at the level of Basic Education High School as follows;

- (1) Economics, Physics and Chemistry
- (2) Geography, History and Economics
- (3) Geography, History and Optional Myanmar
- (4) History, Economics and Optional Myanmar
- (5) History, Physics and Chemistry
- (6) Optional Myanmar, Physics and Chemistry
- (7) Physics, Chemistry and Biology
- (8) Geography, Physics and Chemistry

The University System

It is divided into Professional Institutes, Universities and Degree Colleges. Classes at the institutes of higher learning were suspended during 1989 and 1990 and reopened in 1991. No examinations were held from 1988 to 1990. Dagon University and the National University of Arts and Culture, Yangon and Mandalay were opened in 1993. University of Computer Studies (Yangon) was opened in 1987, Mandalay was opened in 1997 and Other Computer Colleges were upgraded as Computer Universities on 20th January 2007. The International Theravada Buddhist Missionary University was opened in 1998. Institute of Medicine (Magway), University of Kyaukse and West Yangon were opened in 2001. Meiktila, Hinthada Degree Colleges were upgraded to University in 2001. Myanmar Aerospace and Engineering University was opened in 2002.

Myanmar Maritime University (MMU) was established in 1st August 2002 by the military government per the Myanmar Maritime University Act (The State Peace and Development Council Law No.1/2002). It is the premier university of maritime education in Myanmar. MMU, administered by the Ministry of Transportation, offers five-year bachelor's degree programs and two-year post-graduate diplomas in various marine and naval disciplines. However, Myanmar Maritime University changed to six-year Bachelors degree programs except Nautical Science in 2012-2013 Academic Year. MMU is one of the most selective universities in

Myanmar as MMU is to produce well competent qualified naval architects, marine engineers and scientists. Admissions are based primarily on the marks received in the university entrance examinations. Sagaing University, Taung Goke and Mandalay Colleges were opened in 2012.

Vocational Trainees

A.G.T.I 3 Year course were commenced in 2013-2014 Academic Year at the Government Technical Colleges and Government Technical institute under the Department of Technical and Vocational Education and Training. The number of students who attended the Bachelor of Engineering Courses at the Government Technical Institutes and Government Technical Colleges under DTVET shows Table (5.13).

CHAPTER 6. HOUSEHOLDS AND SOCIAL ISSUES

Housing Characteristics

In HIES(2012), information on ownership and tenure of dwelling, building, structure, type and area of dwelling space, lighting, source of water, fuel for cooking and toilet were collected by using the questionnaire on housing characteristics. This section will discuss the results obtained on ownership and type at dwelling, building structure and type, lighting used in each dwelling.

National Library Statistics

The function of the National Library is to supply documents and papers required by Government Agencies and also to supply other materials required by the students of Higher Education for references for their term papers. From 1984 onward, the library is opening to the public.

Published books

All private books published according the Printers and Publishers Registration Law 1962. Printers and publishers are required to register under for their work. They have also to submit regular information on books, magazines etc. published, to Press Scrutiny and Registration Office.

Seizure of Narcotic Drugs

All Narcotic Drugs and Psychotropic Substances seized according Law on 27th January 1993. The Law calls for control of precursor chemicals and psychotropic substances and money laundering, associated with illicit trafficking of narcotic drugs and psychotropic substances.

Video Statistics

All Videos produced, editing, filming, production, duplicated, distributed, exhibited and rented and karaoke according the Myanmar Television and Video Act, which was laid down in 1985 according to the PyithuHluttaw Act, Act No.12, amended in 1996.

CHAPTER 7. LABOUR AND EMPLOYMENT**Employment to Population Ratio**

The proportion of an economy's working-age population that is employed. It provides information on the ability of an economy to create jobs.

Employment through Labour Office

Job-seekers who are registered at Township Labour Offices (16 Labour Offices in Yangon and 62 in different States and Regions).

Labour force

Persons who are either in employment or in unemployment as defined above constitute labour force. The sum of persons in employment and unemployment equals the labour force.

Labour Force Participation Rate

The proportion of the population ages 10 and older that is economically active, namely all people who supply labour for the production of goods and services during a specified period.

Overseas persons employed

Workers placed in overseas employment by the Department of Labour, which provides services (through overseas employment licensed agencies) signing MoUs and Bi-lateral agreements with labour receiving countries.

Employment

Persons in employment are defined as all those of working age who, during a reference period of seven days, were engaged in any activity to produce goods or provide services for pay of profit.

They comprise:

Employed persons "at work", i.e. who worked in a job for at least one hour;

Employed persons "not at work" due to temporary absence from a job, or to working-time arrangements (such as shift work, flexitime and compensatory leave for overtime).

Unemployment

Persons in unemployment are defined as all those of working age who were not in employment, carried out activities to seek employment during a specified recent period and were currently available to take up employment given a job opportunity.

Outside labour force

Persons outside labour force are those of working age who were neither in employment nor in unemployment in the short reference period.

Labour underutilization

It refers to mismatches between labour supply and demand, which translate in to an unmet need for employment among the population. Measures of labour underutilization include, but may not be restricted to:

- (a) **time-related underemployment**, when the working time of persons in employment is insufficient in relation to alternative employment situations in which they are willing and available to engage;
- (b) **unemployment**, reflecting an active job search by persons not in employment who are available for this form of work;
- (c) **potential labour force**, referring to persons not in employment who express an interest in this form of work but for whom existing conditions limit their active job search and/or their availability.

Social Security Scheme

Social Security Scheme was introduced in Myanmar by Social Security Act, 1954 which came into force on 1st January 1956. Now, to be in line with the international standard, Social Security Law, 2012, was enacted and has been implemented on 1st April 2014.

According to Social Security Law, 2012. By Social Security Board which the following systems have been operating the three insurance systems among the six insurance systems:

- (a) Health and Social Care Insurance System (If the insured person is within 60 years of age at the time of initial registration, 2% by the employer and 2% by the worker, totally contribution for 4% and if the insured person is over 60 years of age at the time of initial registration, 2.5 percent by the employer and 2.5 percent by the worker, totally contribution for 5%.)
- (b) Family Assistance Insurance System (Not need to pay contribution)

- (c) Employment Injury Insurance System (Only the employer shall be pay contribution for 1 %.)

By the insured workers have paid contribution under Social Security Law, 2012, who shall entitled to medical treatment in time of sickness, confinement and employment injury at the establishment for any cause and although the following cash benefits are entitled:

- (a) Sickness Benefit of insured person (has the right to enjoy 60 percent of average wage of the previous four months as cash benefit relation to sickness up to 26 weeks.)
- (b) Maternity Benefit of female insured worker (has the right to enjoy 70 percent of average wage of a year as cash benefit relating to maternity up to 14 weeks and then if it is the twin delivery which has the right to enjoy another four weeks for the child care.)
- (c) Maternity expense of the female insured workers (has the right to enjoy 50 percent for single delivery, 75 percent for twin delivery and 100 percent for triplet delivery and above of average wage of a month.)
- (d) Miscarriage benefit of the female insured (has the right to enjoy 70 percent of average wage of a year as cash benefit relating to miscarriage up to 6 weeks.)
- (e) Adoption the child under 1 year of the female insured worker (has the right to enjoy 70 percent of average wage of a year as cash benefit relating to adopt up to 8 weeks.)
- (f) Paternity Benefit of the male insured (has the right to enjoy 70 percent of average wage of a year and 15 days leave for infant care.)
- (g) Maternity expense of the male insured for paternity whose wife is an uninsured (has the right to entitled half of maternity expense.)
- (h) Medical treatment benefit for her child on confinement of female insured (has the right to take medical treatment for her child up to one year.)
- (i) Funeral Expense (if the insured person is deceased for any cause, for a person nominate or dependent of those insured that they can be claimed to entitled up to maximum of five times from one time for funeral expense.)
- (j) Medical Treatment for Retired (insured civil services after retiring who has the right to take the continuously medical treatment if it had paid contribution for 180 months and above under the combined of the Social Security Law, 2012 and Social Security Act 1954.)
- (k) Scholastic stipend for the children of the insured couple earn less than the stipulated amount of income (has the right to enjoy 10 percent of average wage for a child living schools age of education years.)

- (l) Family Assistance for natural disaster of insured worker (has the right to entitled 40 percent of average wage of a month.)
- (m) Temporary Disability Benefit (has the right to entitled 70 percent of average wage of a month for reducing or ceasing of earning by reasons of incapable to work of employment injury.)
- (n) Permanent Disability Benefit (has the right to entitled five years to nine years in lump sum with calculation based on 70 percent of average wage of a month of the partial capacity and total loss of capacity for work due to employment injury.)
- (o) Survivors Benefit for deceased of employment injury (has the right to entitled 30 times up to 80 times based on contribution of the insured person.)

CHAPTER 8. NATIONAL ACCOUNTS

Gross Domestic Product

The monetary value of all the finished goods and services produced within a country's borders in a specific time period. Though GDP is usually calculated on an annual basis, it can be calculated on a quarterly basis as well. GDP includes all private and public consumption, government outlays, investments and exports minus imports that occur within a defined territory. GDP is a broad measurement of a nation's overall economic activity.

Per Capita GDP

The total output of a country that takes the gross domestic product (GDP) divided by the number of people in the country. The per capita GDP is especially useful when comparing one country to another because it shows the relative performance of the countries. A rise in per capita GDP signals growth in the economy and tends to translate as an increase in productivity.

Real Economic Growth Rate

A measure of economic growth from one period to another expressed as a percentage and adjusted for inflation (i.e. expressed in real as opposed to nominal terms).

CHAPTER 9. AGRICULTURE

Acre

It is equal to 0.4047 hectares.

Agriculture

Land are classified into reserved forests, current fallows, net area sown, cultivable waste other than fallows, other wood land and others.

Crops

They are classified into Sown(planted) acreage, harvested acreage and production ton.

Ton

It is equal to 1.01604 metric ton.

CHAPTER 10. FORESTRY

Permanent forest estate

Permanent forest estate means forest area that is designated by law or regulation to be retained as forest and may not be converted to other land use. Permanent Forest Estate includes three categories:

- Reserved Forest
- Protected Public Forest
- Protected Area System

Reserved forest and protected public forest area

Reserved forest means land constituted as a reserved forest under Myanmar Forest Law 1992.

Protected Public Forest

Protected Public Forest means land declared to be protected public forest under Myanmar

CHAPTER 11. INDUSTRY, CONSTRUCTION AND MYANMAR BUSINESS SURVEY

Persons Engaged in Metalliferous Mines by Type of Mining

Underground workers are defined as those workers who work in the tunnels under the ground. Open workers are defined as those workers working below the surface with open cuts.

Housing Development

The National Housing and Town and Country Development Board which was formed in October 1951, was reorganized and reconstituted into Housing Board at the end of 1965. In March 1972, along with the general

reorganization of all government departments, the Housing Board became the Housing Corporation and was later renamed as Housing Department. With effect from 1st July 1990, Housing Department was again renamed as Department of Human Settlement and Housing Development. It was charged with planning and execution of all residential housing schemes undertaken by the State. But the responsibility for actual construction work was entrusted to the Construction Corporation which was renamed in April 1989 as Public Works. In 1988-89 the Department of Human Settlement and Housing Development has introduced the Urban Development Housing Scheme under which private contractors are permitted to construct buildings of different designs in the vacant plots of the downtown areas of the Yangon City, with their own monies. After completion of the construction, family units in the buildings are divided according to the ratio agreed upon, by the Department and the contractors. With effect from 1st April 2015, Department of Human Settlement and Housing Development, was reformed as Department of Urban and Housing Development.

Private Buildings

Number of applications submitted to and approved by the Yangon City Development Committee and construction completed. They are classified into two categories viz., (a) new buildings and (b) extension and repairs.

School Construction

Schools constructed by the Public Works and by the Cooperatives and Private contractors.

Economic Activity of Business

Myanmar Business Survey-MBS(2015) covered the distribution of businesses are more than One hundred and Twenty Six thousands which are registered across various economic sectors. In the Manufacturing sector, the vast majority of businesses are Manufactured food products, beverages and tobacco products. Likewise, in the Services sector, more than half of the businesses are engaged in food and beverage service activities. Regarding to the distribution of businesses by size, larger businesses with 50 or more workers constitute only a tiny fraction of the overall economy. Mostly the age of businesses are 20 years and above. The sectoral pattern of substantial variation shows that there is a fairly even distribution between Manufacturing, Trade and Service businesses, Mandalay, Sagaing, Mon and Ayeyarwady are more dominated by Manufacturing firms while in Yangon. Moreover, Businesses are mostly registered with Municipal Offices in the respective regions.

CHAPTER 12. TOURISM

Tourist

A person travelling to and staying in places outside their usual environment for one purpose (United Nation World Tourism Organization's).

CHAPTER 13. COASTAL TRADE

Coastal Trade

Coastal trade statistics are related to the out-shipment and in-shipment of goods by sea-going vessels between Myanmar seaports. Shipping bills have to be filled at the Customs Department if goods are to be transported from one Myanmar seaport to another one. When the goods arrive at the destination, a bill of entry has to be filled if the goods are from Yangon; otherwise no bill of entry is necessary. These shipping bills or bills of entry forms are the basis of statistical information. The date of departure or arrival of the ship is taken as the date on which the out-shipment or in-shipment takes place. Goods are valued at market values at the port of exit or entry.

In-shipment

In-shipment is shipping entry to Yangon seaport from other seaports in Coastal.

Out-shipment

Out-shipment is shipping clearance from Yangon seaport to other seaports in Coastal.

CHAPTER 14. FOREIGN TRADE AND INTERNATIONALIZATION

Balance of Payments

A statistical statement for a given period showing (a) transactions in goods, services and income between an economy and the rest of the world; (b) changes of ownership and other changes in that economy's monetary gold, Special Drawing Rights (SDRs) and claims on and liabilities to the rest of the world; (c) unrequited transfers and counterpart entries that are needed to balance, in the accounting sense, any entries for the foregoing transactions and changes which are not mutually offsetting.

Coverage of Foreign Trade Statistics

Data include government and private exports and imports on trade account, gifts, aids, and parcel posts. Sale of goods, whether foreign or national to all foreign trading ships are included in export statistics. All data exclude exports and imports under military accounts. Exports and imports under diplomatic privileges have

been excluded since 1966. Starting from November 1988, when border trade was opened, the total foreign trade data include border trade.

Export declaration forms and import declaration forms filled by the respective exporters and importers and checked by customs officials constitute the major source of information in compiling foreign trade statistics. Up to 2000-2001, statistics on rice and rice products, timber, gem, marine products and oil and gas are obtained from the Myanmar Agricultural Produce Trading, Myanmar Timber Enterprise, Myanmar Gem Enterprise, Union of Myanmar Economic Holdings Limited, Department of Fishery and Myanmar Oil and Gas Enterprise respectively. Since 2001-2002, all exports and imports statistics are obtained from the customs department.

Exports

Domestic exports are exports of national products. All exports are domestic exports plus re-exports from bond and other than from bond. Exports were formerly recorded according to the date of shipment have; since November 1967, they are recorded according to the date of completion of consignment. Exports are credited to the country of final destination or of ultimate consumption. Exports are valued at Free on Board (FOB), namely at port or place of dispatch of exporting country (including export duties, internal taxes and similar charges to the extent that they remain charged on the goods and passed on to the importers).

Imports

They are the sum of goods released direct from Customs wharves for domestic consumption (direct imports for consumption) and goods passed to be bonded (imports into bond). Imports were formerly recorded according to the date of payment of duty have; since November 1967 they are recorded as of the date of arrival of goods. Imports are credited to the country of primary origin or production. Imports are valued at Cost, Insurance and Freight (CIF), namely at port or place of arrival of the country (excluding customs duty and other import charges).

Import and Export Indices

Quantum Indices of exports and imports are computed to gauge the changes in the quantity of external trade when the effects on price movements are eliminated. Unit value indices are designed to provide means of measuring changes in the average unit value of commodities exported or imported.

Trade Category- General import figures and domestic export figures for certain selected commodities are used in computing the indices and include trade under private and government accounts.

Method - Both the Quantum and the Price Indices are of the aggregative type computed with Laspeyre's formula. The unit sale of each commodity is the CIF or FOB per unit value of general imports and domestic exports respectively. Base year are 1985-1986, 2000-2001, 2005-2006 and 2010-2011.

Foreign Investment

Foreign investors can set up their business either in the form of a wholly foreign-owned or a joint venture with any partner (an individual, a private company, a cooperation society or a state-owned enterprise). The maximum foreign investment capital ratio shall not be more than eighty percent of the total investment amount if the foreigner has formed joint-venture with the citizen to carry out prohibited or restricted business.

Myanmar Citizens Investment and Inducement

Myanmar Citizens Investor can set up their business in the form of private company, public company and joint venture with local companies according to the Myanmar Citizens Investment Law (MCIL) enacted on 29th July 2013.

CHAPTER 15. TRANSPORT AND COMMUNICATIONS

Airways Transport

It includes public and private sectors for all traffic, both revenue and non-revenue, performed by the Myanmar International Airlines on scheduled services, non-scheduled services, special and charter services. Data relating to cargo represent the total freight, baggage and mail irrespective of whether the freight is charged or not.

Inland Water Transport

Inland water transport statistics are related to all traffic of powered vessels of the government functioning on commercial lines.

Railway Transport

Data represent the operation on all railway lines in the country except railways serving plantation, forests, mines or industrial plants. Statistics relating to diesel locomotives do not include diesel rail cars.

Road Transport

Passenger statistics include bus and taxi services. Road statistics include Union arterial highways and highways for Myanmar proper only. With the establishment of the new administration in March 1972, data for the year 1972-73 and after, include road under States administration.

Shipping Statistic

They exclude vessels on government duty including military, pleasure craft and fishing vessels.

Transports

Railway Transport, Airways Transport, Road Transport and Inland Water Transport.

CHAPTER 16. PRICES AND INTERNAL TRADE**Retail Price**

Retail price means the price of a good or product when it is sold to the end user for consumption, not for resale through a third-party distribution channel.

Average Retail Prices

Central Statistical Organization collects average retail prices of commodity from the selected markets in the municipal area of Yangon City as well as all other cities of (82) Townships.

Wholesale Price

The cost of a goods sold by a wholesaler.

Average Wholesale Prices

Wholesale prices are collected directly from the wholesale centers in Yangon by monthly.

Consumer Price Index (CPI)

A measure of the overall level of prices shows the cost of a fixed basket of consumer goods relative to the cost of the same basket in a base year.

In Myanmar, rebasing the CPI has been done with the technical support of IMF and it shifted from the base year 2006 to 2012 due to the collection of price data base as well as changes in prices. The previous items of the basket are also reviewed and changed from 158 items to 274 items which includes food and non-food items including services which reflect the current consumption pattern of Myanmar.

Commodity Basket

Commodity basket also called basket of goods. A collection of products, raw materials and services which are comprised the Consumer Price Index (CPI) over a period. The basket typically indicates consumer buying behavior across a diverse set of offerings.

The new CPI introduces the UN COICOP classification. The classification is used internationally possible to make international comparison of inflation at more detailed levels. The 2006 CPI basket includes 158 products and services, 83 food items and 75 non-food items. The 2012 CPI basket has 274 products and

services, 108 food items, 166 non-food items including goods and services. There are new 116 items in the index, for example new and used cars, mobile phones and mobile phone charges and computers, etc. When constructing the CPI 2006-based, both of purchased and non-purchased items are included. But in 2012-based, non-purchased items are excluded from total expenditure.

Inflation:

An increasing overall level of prices is rising in the long period.

Inflation Rate

The percentage increase in the price of goods and services, usually, annually. The inflation rate means the average price of commodities has risen for a long period of time, that situation refers total demand is higher than total supply. In other words, the inflation rate shows climbing price index.

When price rose, the value of money reduced which has to use large sums of money to get needed amount, that growing amount of money as inflation.

Year on Year Inflation

The Inflation can be measured by computing percentage change in current month CPI from month to month or percent change from the same month of the prior year, according to the following formula:

$$\text{Year on Year Inflation} = \frac{b_i - a_i \times 100}{a_i}$$

b_i = CPI for the current period

a_i = CPI for the corresponding month of the previous year

Annual Rate of Inflation (or) Average Rate of Inflation

The average rate of inflation is computed monthly CPI growth rate within a year taking 12 month of year, according to the following formula:

$$\begin{aligned} \text{Annual Rate of Inflation} \\ \text{(or) Average Rate of Inflation} \end{aligned} = \frac{1}{12} \sum_{i=1}^{12} \frac{b_i - a_i \times 100}{a_i}$$

b_i = CPI for the current period

a_i = CPI for the corresponding month of the previous year

Gold Price

Gold prices are collected from gold dealer by daily for the highest, lowest, and the average prices of 24 carat and 22 carat gold in Yangon.

Co-operative Statistics

Statistics on co-operative activities are provided by the Co-operative Department. The major objective of co-operative society is to procure, produce, and distribute essential goods and services to the consumers through the respective co-operative societies.

Co-operative statistics shows the number of societies, number of members paid-up share capital, bank loan, reserve fund, other fund, liabilities, net profit, and working capital from co-operative societies.

CHAPTER 17. PUBLIC FINANCE, BANKING AND FINANCIAL MARKETS**Public Finance**

The Republic of the Union of Myanmar Budget has been classified into the Union Budget and State and Region Budget since 1st October 2011-2012.

Nay Pyi Taw Development Committee is drawn on the basis of self-financing since 2006-2007.

Some of the state-owned Economic Enterprises under the Ministry of Transport have been carried out their functions outside the Union Fund and Yangon Electricity Supply Corporation since 2013-2014 and Mandalay Electricity Supply Corporation have been carried out their functions with their own fund since 2015-2016.

Social Security has been carried out their functions outside the Union Fund except for services personal wages and salaries since 2013-2014.

Central Bank of Myanmar is carried out its functions with its own fund beginning from 2015-2016. When Central Bank makes profit, it shall deposit 40% of net profit to General Reserve Fund. But when Central Bank makes a loss, it shall set off from General Reserve Fund.

Money Supply

Money Supply shown in table 17.13 consists of currency in circulation and demand deposits. Demand deposits exclude government deposits.

Currency in circulation consists of notes and coins held by the general public, cash balance of ministries and departments, state economic enterprises, development committees and also includes notes and coins held by the hand balance chest of the banks. Notes and coins in the currency chest of the Central Bank of Myanmar and other banks are excluded.

People's Savings

People's savings covers savings deposits, time deposits, other deposits and savings certificates issued by Myanmar Economic Bank.

Savings deposits, time deposits, other deposits are accepted by state owned banks as well as all private banks. Savings certificates are issued by Myanmar Economic Bank under the new Savings Bank Law 1992 and issued various types of denominations: Kyat 5, Kyat 10, Kyat 50, Kyat 100, Kyat 500, Kyat 1000, Kyat 10000, Kyat 100000, Kyat 500000 and Kyat 1000000 respectively. The maturity period is twelve years from the date of issue. At the option of the certificate holder, it may be redeemed at any time after twelve months from the date of issue with accrued interest for relevant period. The data is shown in table 17.14.

Treasury Bonds

Two types of government treasury bonds, three-year treasury bonds and five-year treasury bonds are issued with effect from 1st December, 1993 with a view to giving an opportunity of investment for the public and private enterprises. Moreover, two-year treasury bonds are issued since 1st January, 2010. The data is shown in table 17.15.

Interest Rates

Central bank rate, interest on treasury bills and bonds, deposit rates and lending rates are shown in table 17.16.

Central Bank Survey

Central Bank Survey in table 17.17 shows the compiled position based on SRF-1SR which covers the Central Bank's balance sheet source data.

Establishment of Domestic Private Banks

The Central Bank of Myanmar has granted the banking license to domestic private banks since 1992. At the end of May 2016, 24 private banks were operating the banking services in the country.

State Owned Banks' and Private Banks' Survey

State Owned Banks' and Private Banks' Survey in table 17.18 shows the positions based on SRF-2SR which covers the consolidated balance sheets source data of Myanmar Economic Bank, Myanmar Foreign Trade Bank, Myanmar Investment and Commercial Bank, Myanmar Agricultural Development Bank and Private Banks.

Foreign Exchange Reserves

Foreign Exchange reserves in table 17.19 include gold and foreign currencies. Previously, gold was valued at SDR 35 per fine troy ounce and converted into Kyat at the official exchange rate of K 8.50847 per SDR.

Since 1997, the value of gold in the foreign exchange reserves has been based on London Gold Market rate. Foreign currencies are valued at the reference rates.

Broad Money Survey

Broad Money Survey in table 17.20 shows the monetary aggregates positions based on the financial statements of the Central Bank, and commercial banks both state-owned and private owned banks in accordance with the MFS SRF-based compilation framework.

